



# Parts Manual



**QUANTUM**

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**IMPORTANT:**

ALL ITEMS ARE IDENTIFIED WITH A PART NUMBER. Some of the smaller parts such as bolts, nuts, washers, etc. are not all shown, however, the quantity used are listed in the text for that section which they fit into. That particular quantity is always the quantity required for one complete assembly.

Smaller parts, which are welded together to construct a larger part, are not to be ordered as individual pieces, unless they have a part number to identify them.

Contact your nearest dealer for genuine repair parts. Dealers carry ample stock and are backed by the manufacturer and regional associations.

**Powder Paint Introduced in 2022:**

- Quantum
- 40 – QT40220510 and newer using powder.
  - 50 – QT50220587 and newer using powder.
  - 60 – QT60220770 and newer using powder, except QT60220771 and QT60220789 (Blue Unit)
  - 70 – QT70220815 and newer using powder, except QT70220820, QT70220821 and QT70220822 (Green Units)

**MORRIS PAINT**

**Spray Cans:**

| Part Number                    | Description                               |
|--------------------------------|-------------------------------------------|
| S73107 - Prior to 2024 .....   | Red MORRIS Powder Touch-Up Aerosol Can    |
| N75705 - 2024 to present ..... | Red MORRIS Powder Touch-Up Aerosol Can    |
| N75706 - 2024 to present ..... | Black MORRIS Powder Touch-Up Aerosol Can  |
| N75708 - 2024 to present ..... | Primer MORRIS Powder Touch-Up Aerosol Can |
| N53713 .....                   | 1K Red MORRIS Touch-Up Pen 12 ml          |
| N53715 .....                   | 1K Red MORRIS Aerosol Can 400 ml          |
| N55450 .....                   | 2K Red Base MORRIS Aerosol Can 250 ml     |
| N55452 .....                   | 2K Clear Coat MORRIS Aerosol Can 250 ml   |
| N55453 .....                   | 2K Grey Primer MORRIS Aerosol Can 250 ml  |
| K65885 .....                   | White CF-546 Titan Aerosol Can 360 ml     |

**Manuals**

| Part Number  | Description                    |
|--------------|--------------------------------|
| S66250 ..... | Operator's Manual              |
| S66248 ..... | Metric Assembly Manual         |
| S66249 ..... | Imperial Assembly Manual       |
| S67901 ..... | Distribution Assembly Metric   |
| S67900 ..... | Distribution Assembly Imperial |

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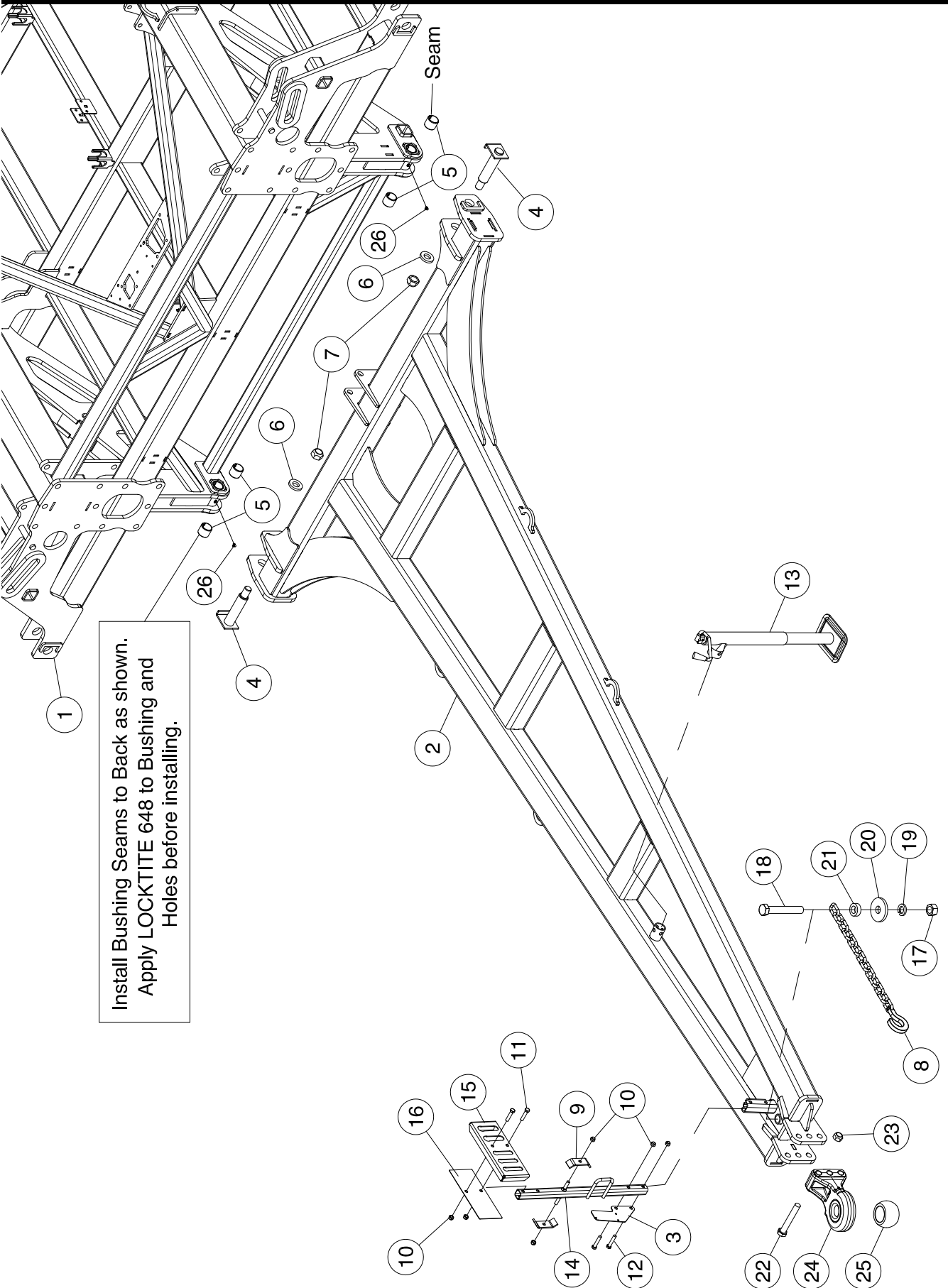
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# Section 1: Frames

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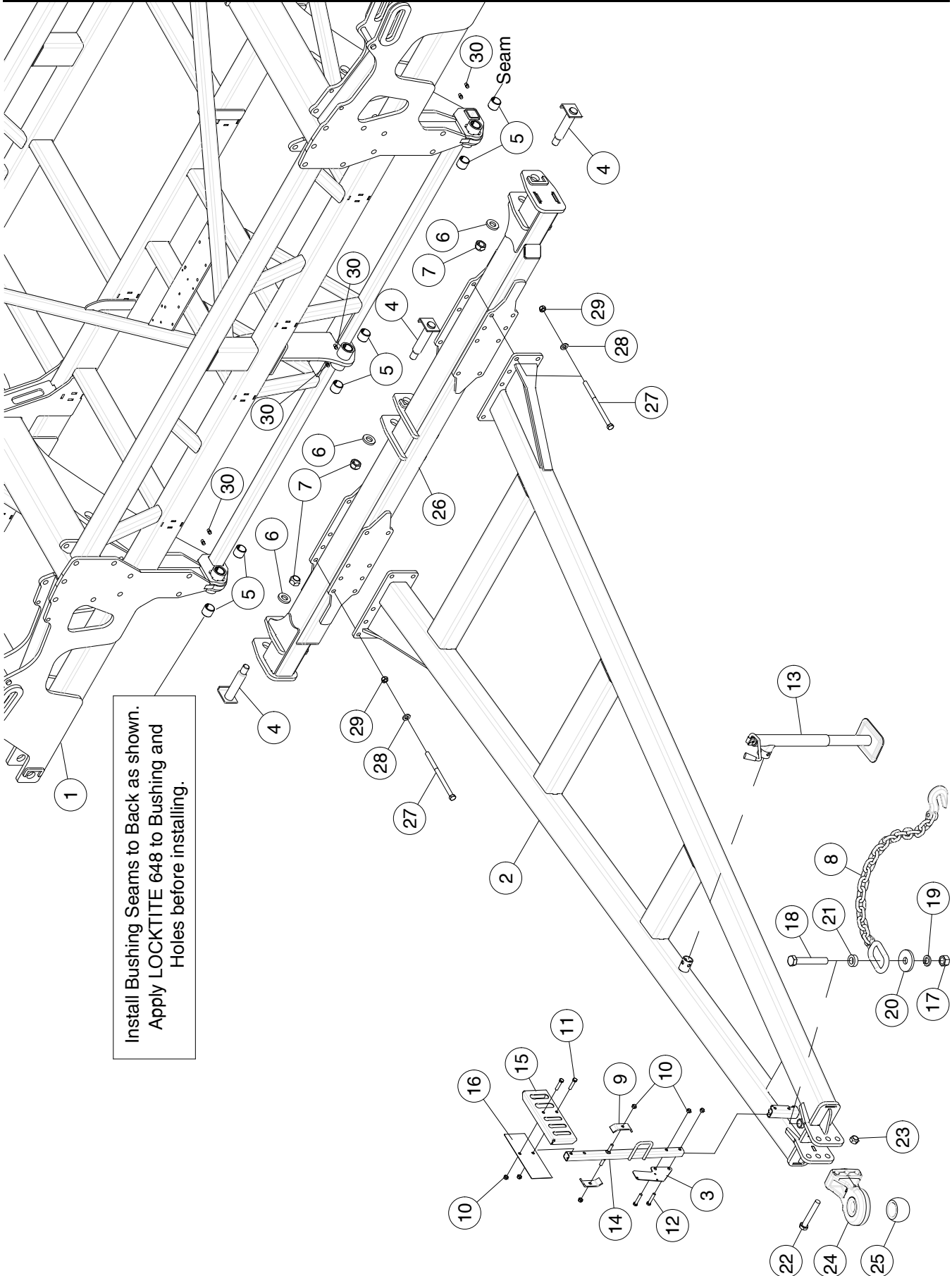
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# Hitch 40 ft to 70 ft - 12m to 21m



| Hitch - 40 ft to 70 ft - 12m to 21m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |                                                                                          |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------|-----|
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Part No. | Description                                                                              | Qty |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S64240   | Main Frame (Includes Item 5) .....                                                       | 1   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S64273   | Hitch.....                                                                               | 1   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N58671   | Plate - Case Drain Header Mount (Tow Behind Air Cart only) .....                         | 1   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S64360   | Pin - 1 3/4 x 6 5/8 Lg.....                                                              | 2   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S64325   | Spring Bushing - 1.75 ID x 2.00 OD x 1.75 Lg.....                                        | 4   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                            | 2   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S39780   | Lock Nut - 1 1/4 Unitorque .....                                                         | 2   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N44710   | Safety Chain - 80,000 Lb .....                                                           | 1   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | C26321   | Hose Holder Clamp.....                                                                   | 2   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | F-3405   | Locknut - 1/2 Unitorque.....                                                             | 6   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | W-489    | Hex Bolt - 1/2 x 2 1/4 Lg.....                                                           | 2   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | W-491    | Hex Bolt - 1/2 x 2 3/4 Lg.....                                                           | 2   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S39391   | Top Wind Jack - 2000 Lb. ....                                                            | 1   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S39665   | Hose Holder Stand.....                                                                   | 1   |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S62722   | Hydraulic Hose Holder Plate - 5 Slot - Dual Fan .....                                    | 1   |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S62723   | Back Plate - 5 Slot - Dual Fan .....                                                     | 1   |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | P61D20   | Hex Nut - 1 1/4 .....                                                                    | 1   |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S44715   | Hex Bolt - 1 1/4 x 8 Lg.....                                                             | 1   |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | C39432   | Lockwasher - 1 1/4.....                                                                  | 1   |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S44716   | Retaining Washer - 1 5/16 ID x 4 1/4 OD x 1/2 Thick .....                                | 1   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S44717   | Chain Link Spacer - 1 5/16 ID x 2 1/4 OD x 3/4 Thick - Required for 80,000 lb Chain..... | 1   |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S42952   | Hex Bolt - 1 x 6 5/8 Lg.....                                                             | 3   |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | D-5274   | Lock Nut - 1 Unitorque .....                                                             | 3   |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S64300   | Clevis - CAT 5 (2 Diameter Draw Pin) (Includes item 25).....                             | 1   |
| 24A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S64310   | Clevis - CAT 5 (2 3/4 Diameter Draw Pin) (Includes item 25A)                             |     |
| 24B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S66236   | Clevis - CAT 4 (1 1/2 Pin Diameter Draw Pin) (Includes item 25B) Tow Between Cart        |     |
| 24C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | K62145   | Clevis - CAT 4 (2 Pin Diameter Draw Pin) (Includes item 25C) Tow Between Cart            |     |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S65738   | Clevis Insert - CAT 5 - (2 Diameter Draw Pin)                                            |     |
| 25A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S65742   | Clevis Insert - CAT 5 - (2 3/4 Diameter Draw Pin)                                        |     |
| 25B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S65740   | Clevis Insert - CAT 4 - (1 1/2 Diameter Draw Pin)                                        |     |
| 25C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S67388   | Clevis Insert - CAT 4 - (2 Diameter Draw Pin)                                            |     |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | F-3056   | Grease Fitting - 90 Degree.....                                                          | 2   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S66442   | Decal - MORRIS (Not Shown) .....                                                         | 2   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C25810   | Decal - Grease 100 Hours (Not Shown).....                                                | 2   |
| <p><b>Used to attach to a Tow Between Cart as follows:</b></p> <p><b>S66236 Clevis CAT 4 - 1 1/2 Pin Diameter Draw Pin</b></p> <ul style="list-style-type: none"> <li>- 9365, 9450 Tow Between Carts</li> <li>- 9445, 9550 and 9650 Tow Between Carts - Prior to 2016</li> <li>- 9240s, 9252s and 9300s Tow Between Carts</li> </ul> <p><b>K62145 Clevis CAT 4 - 2 Diameter Draw Pin</b></p> <ul style="list-style-type: none"> <li>- 9445, 9550 and 9650 Tow Between Carts - 2016 to Present</li> <li>- 9800 and 91000 Tow Between Carts</li> </ul> |          |                                                                                          |     |

# Hitch 80 ft - 24m

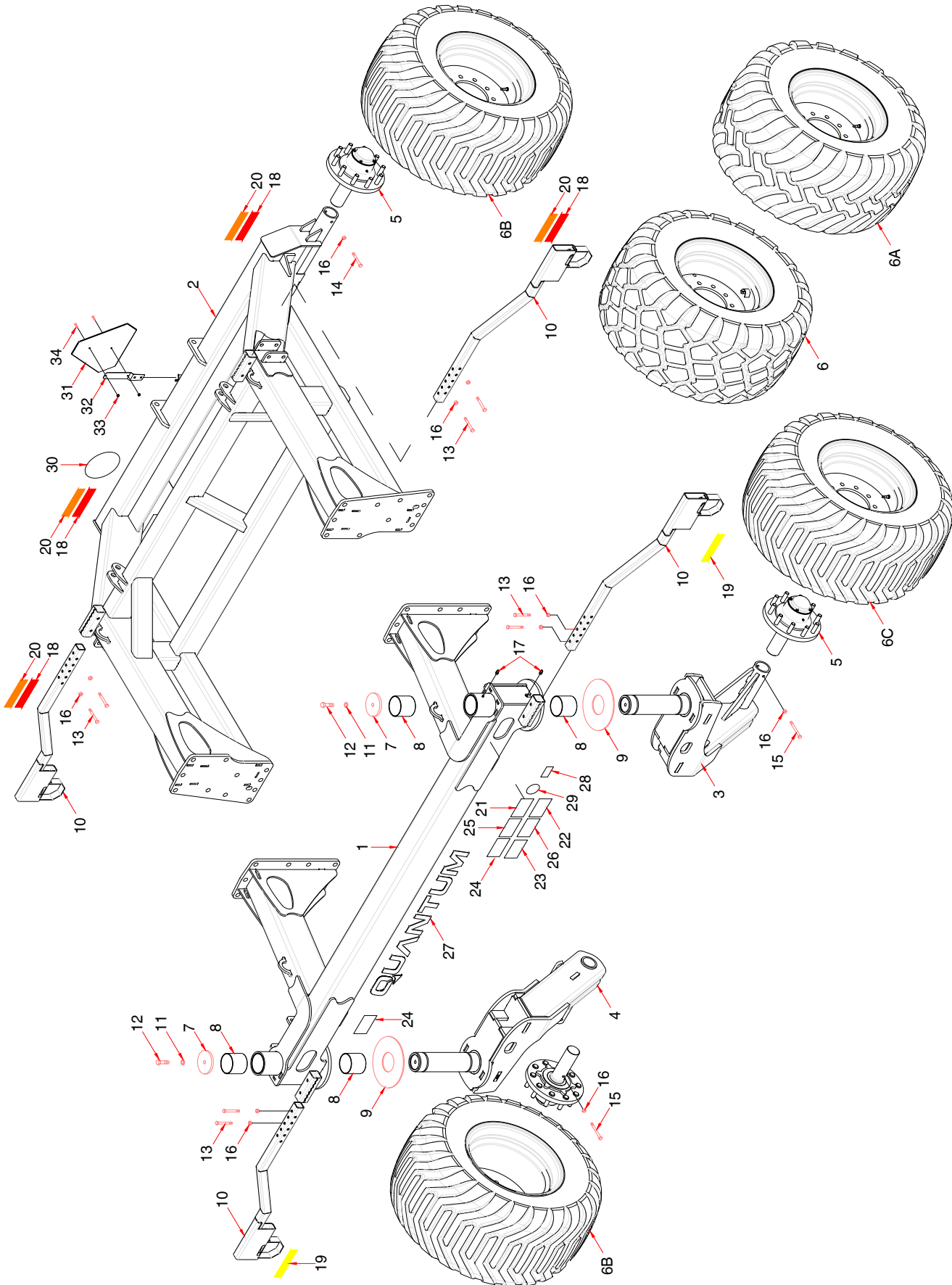




## Hitch - 80 ft - 24m

| Item | Part No. | Description                                                                              | Qty |
|------|----------|------------------------------------------------------------------------------------------|-----|
| 1    | S72600   | Main Frame (Includes Item 5 and 30) .....                                                | 1   |
| 2    | S72630   | Hitch.....                                                                               | 1   |
| 3    | N58671   | Plate - Case Drain Header Mount (Tow Behind Air Cart only) .....                         | 1   |
| 4    | S64360   | Pin - 1 3/4 x 6 5/8 Lg.....                                                              | 3   |
| 5    | S64325   | Spring Bushing - 1.75 ID x 2.00 OD x 1.75 Lg.....                                        | 6   |
| 6    | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                            | 3   |
| 7    | S39780   | Lock Nut - 1 1/4 Unitorque .....                                                         | 3   |
| 8    | N44710   | Safety Chain - 80,000 Lb .....                                                           | 1   |
| 9    | C26321   | Hose Holder Clamp.....                                                                   | 2   |
| 10   | F-3405   | Locknut - 1/2 Unitorque.....                                                             | 6   |
| 11   | W-489    | Hex Bolt - 1/2 x 2 1/4 Lg.....                                                           | 2   |
| 12   | W-491    | Hex Bolt - 1/2 x 2 3/4 Lg.....                                                           | 2   |
| 13   | S39391   | Top Wind Jack - 2000 Lb. ....                                                            | 1   |
| 14   | S39665   | Hose Holder Stand.....                                                                   | 1   |
| 15   | S62722   | Hydraulic Hose Holder Plate - 5 Slot - Dual Fan .....                                    | 1   |
| 16   | S62723   | Back Plate - 5 Slot - Dual Fan .....                                                     | 1   |
| 17   | P61D20   | Hex Nut - 1 1/4 .....                                                                    | 1   |
| 18   | S44715   | Hex Bolt - 1 1/4 x 8 Lg.....                                                             | 1   |
| 19   | C39432   | Lockwasher - 1 1/4.....                                                                  | 1   |
| 20   | S44716   | Retaining Washer - 1 5/16 ID x 4 1/4 OD x 1/2 Thick .....                                | 1   |
| 21   | S44717   | Chain Link Spacer - 1 5/16 ID x 2 1/4 OD x 3/4 Thick - Required for 80,000 lb Chain..... | 1   |
| 22   | S42952   | Hex Bolt - 1 x 6 5/8 Lg.....                                                             | 3   |
| 23   | D-5274   | Lock Nut - 1 Unitorque .....                                                             | 3   |
| 24   | S64300   | Clevis - CAT 5 (2 Diameter Draw Pin) (Includes item 25).....                             | 1   |
| 24A  | S64310   | Clevis - CAT 5 (2 3/4 Diameter Draw Pin) (Includes item 25A)                             |     |
| 24B  | S66236   | Clevis - CAT 4 (1 1/2 Pin Diameter Draw Pin) (Includes item 25B) Tow Between Cart        |     |
| 24C  | K62145   | Clevis - CAT 4 (2 Pin Diameter Draw Pin) (Includes item 25C) Tow Between Cart            |     |
| 25   | S65738   | Clevis Insert - CAT 5 - (2 Diameter Draw Pin)                                            |     |
| 25A  | S65742   | Clevis Insert - CAT 5 - (2 3/4 Diameter Draw Pin)                                        |     |
| 25B  | S65740   | Clevis Insert - CAT 4 - (1 1/2 Diameter Draw Pin)                                        |     |
| 25C  | S67388   | Clevis Insert - CAT 4 - (2 Diameter Draw Pin)                                            |     |
| 26   | S72636   | Hitch Beam .....                                                                         | 1   |
| 27   | S73139   | Hex Bolt - 3/4 x 12 Lg.....                                                              | 16  |
| 28   | W-476    | Flat Washer - 3/4.....                                                                   | 16  |
| 29   | D-5273   | Lock Nut - 3/4 Unitorque .....                                                           | 16  |
| 30   | S-752    | Grease Nipple .....                                                                      | 6   |
|      | S66442   | Decal - MORRIS (Not Shown) .....                                                         | 2   |
|      | C25810   | Decal - Grease 100 Hours (Not Shown).....                                                | 4   |
|      |          | <b>Used to attach to a Tow Between Cart as follows:</b>                                  |     |
|      |          | <b>S66236 Clevis CAT 4 - 1 1/2 Pin Diameter Draw Pin</b>                                 |     |
|      |          | - 9365, 9450 Tow Between Carts                                                           |     |
|      |          | - 9445, 9550 and 9650 Tow Between Carts - Prior to 2016                                  |     |
|      |          | - 9240s, 9252s and 9300s Tow Between Carts                                               |     |
|      |          | <b>K62145 Clevis CAT 4 - 2 Diameter Draw Pin</b>                                         |     |
|      |          | - 9445, 9550 and 9650 Tow Between Carts - 2016 to Present                                |     |
|      |          | - 9800 and 91000 Tow Between Carts                                                       |     |

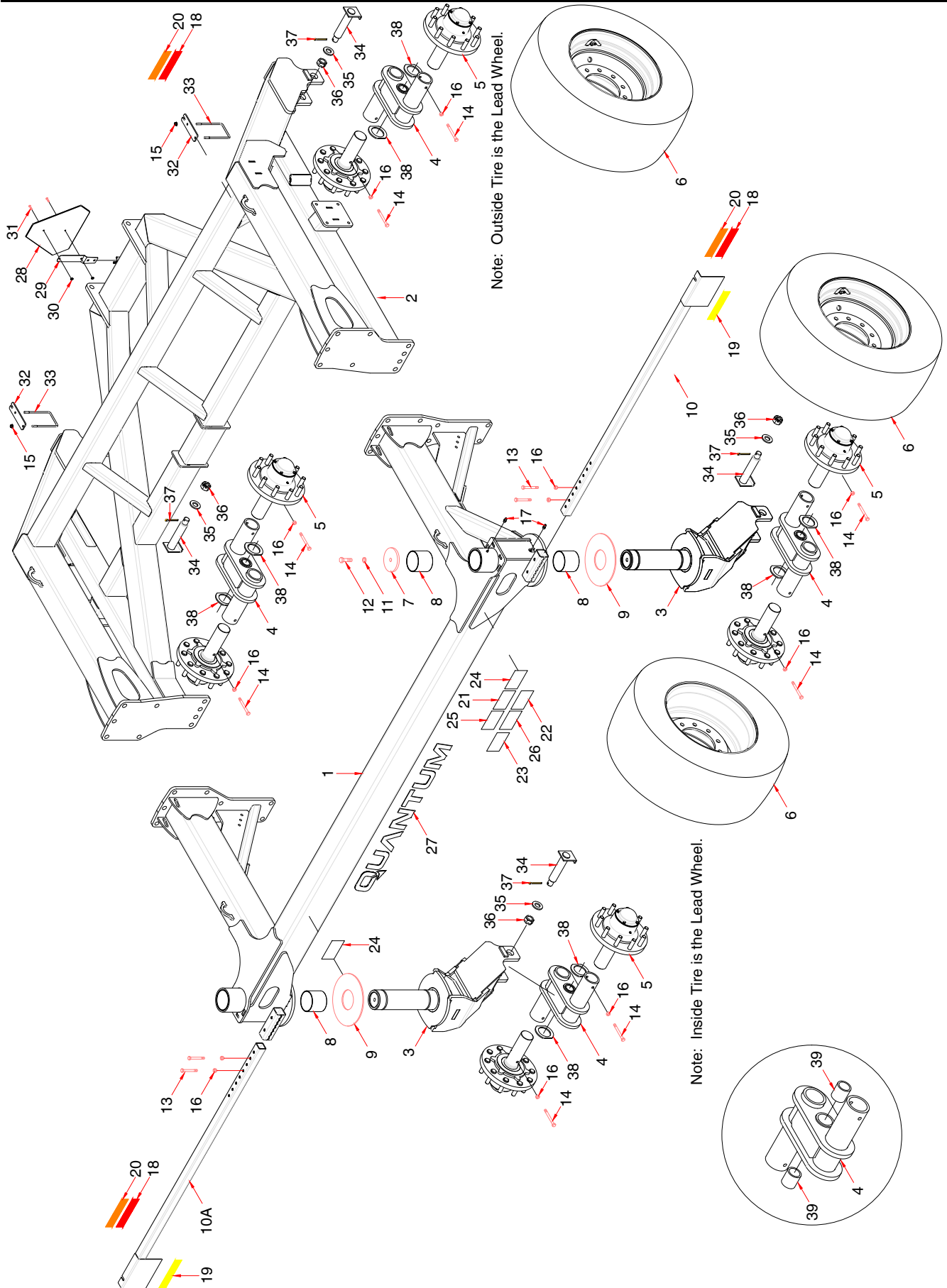
# Frame - Main 40 ft to 70 ft - 12m to 21m Carriage - Main



## Frame - Main - Carriage Main - 40 ft to 70 ft - 12m to 21m

| Item      | Part No.      | Description                                                                                                                                                                 | Qty |
|-----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1         | S64200        | Front Carriage (Includes items 8 and 17) .....                                                                                                                              | 1   |
| 2         | S64225        | Rear Carriage.....                                                                                                                                                          | 1   |
| 3         | S66294        | Castor - Main - Left .....                                                                                                                                                  | 1   |
| 4         | S66296        | Castor - Main - Right.....                                                                                                                                                  | 1   |
| 5         | <b>S72080</b> | Hub and Spindle Assembly .....                                                                                                                                              | 4   |
|           | S64970        | Hub and Spindle Assembly - Prior to the following Serial Numbers:<br><b>40ft</b> - QT40210486, <b>50ft</b> - QT50210561, <b>60ft</b> - QT60210745, <b>70ft</b> - QT70210794 |     |
| 6         | S68660        | Tire and Rim Assembly - <b>By-Directional (40 ft to 60 ft 2021 to present)</b>                                                                                              |     |
| 6A        | S64960        | Tire and Rim Assembly - <b>By-Directional (70 ft model only 2021 - 2022)</b> .....                                                                                          | 4   |
| <b>6B</b> | <b>K65090</b> | Tire Rim Assembly - <b>Left</b> (Shown above) . . use on right side of machine (2018-2020) ..                                                                               | 2   |
| <b>6C</b> | <b>K65091</b> | Tire Rim Assembly - <b>Right</b> (Not Shown) . . . use on left side of machine (2018-2020) ....                                                                             | 2   |
| 7         | S64955        | Cap - Castor Main - 6 Diameter .....                                                                                                                                        | 2   |
| 8         | S64948        | Bushing - 4 1/2 ID x 4 3/4 OD x 4 Lg .....                                                                                                                                  | 4   |
| 9         | S64950        | Wear Disc - 4 9/16 ID x 12 OD x 1/4 Thick.....                                                                                                                              | 2   |
| 10        | S64900        | Tube - Mounting - Lighting.....                                                                                                                                             | 4   |
| 11        | W-527         | Lockwasher - 3/4.....                                                                                                                                                       | 2   |
| 12        | C-695         | Bolt - 3/4 x 2 Lg.....                                                                                                                                                      | 2   |
| 13        | D-5519        | Hex Bolt - 1/2 x 3 1/4.....                                                                                                                                                 | 8   |
| 14        | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                                                                                                                  | 2   |
| 15        | W-496         | Bolt - 1/2 x 5 1/2 Lg.....                                                                                                                                                  | 2   |
| 16        | F-3405        | Locknut - 1/2 Unitorque.....                                                                                                                                                | 12  |
| 17        | S-752         | Grease Nipple .....                                                                                                                                                         | 4   |
| 18        | N34476        | Reflector - Red .....                                                                                                                                                       | 2   |
| 19        | N34477        | Reflector - Amber .....                                                                                                                                                     | 2   |
| 20        | N34478        | Reflector - Orange.....                                                                                                                                                     | 2   |
| 21        | S65150        | Decal - Caution: Avoid injury .....                                                                                                                                         | 1   |
| 22        | S65151        | Decal - Warning: Before Servicing .....                                                                                                                                     | 1   |
| 23        | S65152        | Decal - Warning: HIGH-PRESSURE FLUID HAZARD .....                                                                                                                           | 1   |
| 24        | S65153        | Decal - Danger: Crushing Hazard .....                                                                                                                                       | 2   |
| 25        | S65154        | Decal - Warning: No Riders.....                                                                                                                                             | 1   |
| 26        | S65155        | Decal - Warning: Crushing Hazard.....                                                                                                                                       | 1   |
| 27        | S66246        | Decal - QUANTUM.....                                                                                                                                                        | 1   |
| 28        | N74340        | Decal - Warning - Loss of Control .....                                                                                                                                     | 1   |
| 29        | N74900        | Decal - Speed ID 30 km/h - 70mm Diameter .....                                                                                                                              | 1   |
|           | N74903        | Decal - Speed ID 20 mph - 70mm Diameter (USA only)                                                                                                                          |     |
| 30        | N74299        | Decal - Speed ID 30 km/h - 200mm Diameter .....                                                                                                                             | 1   |
|           | N74902        | Decal - Speed ID 20 mph - 200mm Diameter (USA only)                                                                                                                         |     |
| 31        | N34475        | SMV Sign .....                                                                                                                                                              | 1   |
| 32        | N34643        | Spade Mount Bracket.....                                                                                                                                                    | 1   |
| 33        | N22778        | Locknut - 1/4 Nylon Insert.....                                                                                                                                             | 2   |
| 34        | K-3830        | Hex Bolt - 1/4 x 1/2 Lg.....                                                                                                                                                | 2   |
|           | C25809        | Decal - Grease 50 Hours (Not Shown) .....                                                                                                                                   | 2   |
|           | S55498        | Decal - Patent (Not Shown).....                                                                                                                                             | 1   |
|           | S67899        | Decat - Patent (Not Shown) .....                                                                                                                                            | 1   |
|           | 11547         | Decal - Patent Pending (Not Shown).....                                                                                                                                     | 1   |

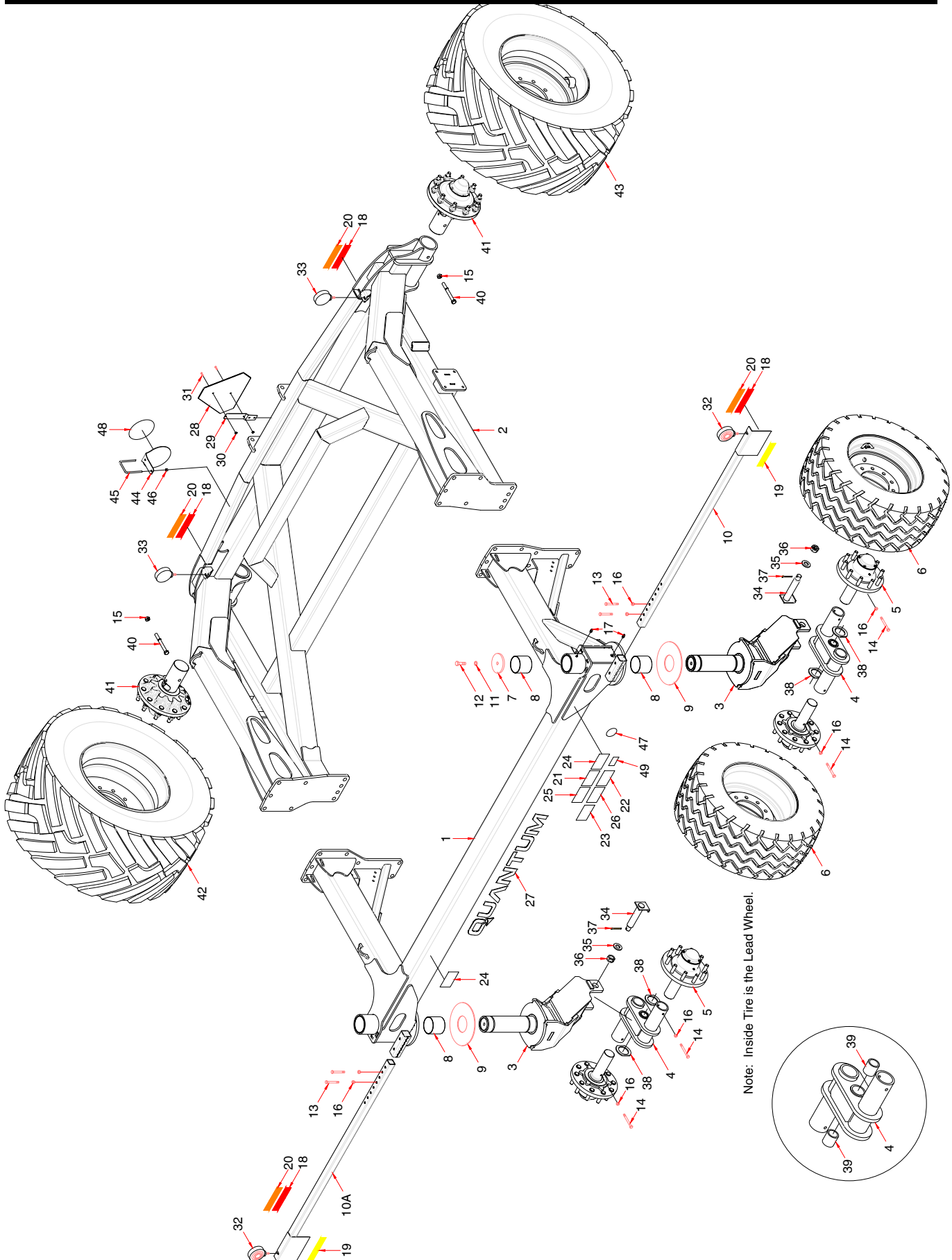
# Frame - Main 80 ft - 24m Carriage - Main - Prior to 2024



## Frame - Main - Carriage Main - 80 ft - 24m - Prior to 2024

| Item | Part No.      | Description                                                        | Qty      |
|------|---------------|--------------------------------------------------------------------|----------|
| 1    | S72860        | Front Carriage (Includes items 8 and 17) .....                     | 1        |
| 2    | S72875        | Rear Carriage.....                                                 | 1        |
| 3    | S72490        | Castor Fork.....                                                   | 2        |
| 4    | S72499        | Walking Beam - Offset (Includes 2 of Bushing S55639 item 39) ..... | 4        |
| 5    | <b>S72080</b> | Axle and Spindle Assembly.....                                     | 8        |
| 6    | <b>S72825</b> | <b>Tire and Rim Assembly - Alliance 381 - 445/50R22.5 VF .....</b> | <b>8</b> |
| 7    | S64955        | Cap - Castor Main - 6 Diameter .....                               | 2        |
| 8    | S64948        | Bushing - 4 1/2 ID x 4 3/4 OD x 4 Lg .....                         | 4        |
| 9    | S64950        | Wear Disc - 4 9/16 ID x 12 OD x 1/4 Thick.....                     | 2        |
| 10   | S72700        | Light Bracket - Left .....                                         | 1        |
| 10A  | S73110        | Light Bracket - Right.....                                         | 1        |
| 11   | W-527         | Lockwasher - 3/4.....                                              | 2        |
| 12   | C-695         | Bolt - 3/4 x 2 Lg.....                                             | 2        |
| 13   | D-5519        | Hex Bolt - 1/2 x 3 1/4.....                                        | 4        |
| 14   | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                         | 8        |
| 15   | D-5279        | Locknut - 3/8 Flange .....                                         | 4        |
| 16   | F-3405        | Locknut - 1/2 Unitorque.....                                       | 12       |
| 17   | S-752         | Grease Nipple .....                                                | 4        |
| 18   | N34476        | Reflector - Red .....                                              | 2        |
| 19   | N34477        | Reflector - Amber .....                                            | 2        |
| 20   | N34478        | Reflector - Orange.....                                            | 2        |
| 21   | S65150        | Decal - Caution: Avoid injury .....                                | 1        |
| 22   | S65151        | Decal - Warning: Before Servicing .....                            | 1        |
| 23   | S65152        | Decal - Warning: High Pressure Fluid Hazard.....                   | 1        |
| 24   | S65153        | Decal - Danger: Crushing Hazard .....                              | 2        |
| 25   | S65154        | Decal - Warning: No Riders.....                                    | 1        |
| 26   | S65155        | Decal - Warning: Crushing Hazard.....                              | 1        |
| 27   | S66246        | Decal - QUANTUM.....                                               | 1        |
| 28   | N34475        | SMV Sign.....                                                      | 1        |
| 29   | N34643        | Spade Mount Bracket.....                                           | 1        |
| 30   | N22778        | Locknut - 1/4 Nylon Insert.....                                    | 2        |
| 31   | K-3830        | Hex Bolt - 1/4 x 1/2 Lg.....                                       | 2        |
| 32   | S34465        | Bracket - Light.....                                               | 2        |
| 33   | N19723        | U-Bolt - 3/8 x 4 x 7 UL.....                                       | 2        |
| 34   | S72497        | Pin - 1 3/4 OD x 7 1/2 UL.....                                     | 4        |
| 35   | N13962        | Washer - 1 9/32 ID x 2 1/2 OD x 1/4 thick.....                     | 4        |
| 36   | N19484        | Castle Nut - 1 1/4 - 12 UNF.....                                   | 4        |
| 37   | D-5239        | Cotter Pin - 1/4 x 2 1/4 Lg .....                                  | 4        |
| 38   | S55629        | Wear Washer.....                                                   | 8        |
| 39   | S55639        | Bushing - 1.75 ID x 2.25 OD x 2.375Lg.....                         | 8        |
|      | C25809        | Decal - Grease 50 Hours (Not Shown) .....                          | 2        |
|      | S55498        | Decal - Patent (Not Shown).....                                    | 1        |
|      | S67899        | Decat - Patent (Not Shown) .....                                   | 1        |
|      | 11547         | Decal - Patent Pending (Not Shown).....                            | 1        |

# Frame - Main 80 ft - 24m Carriage - Main - 2024 to Present

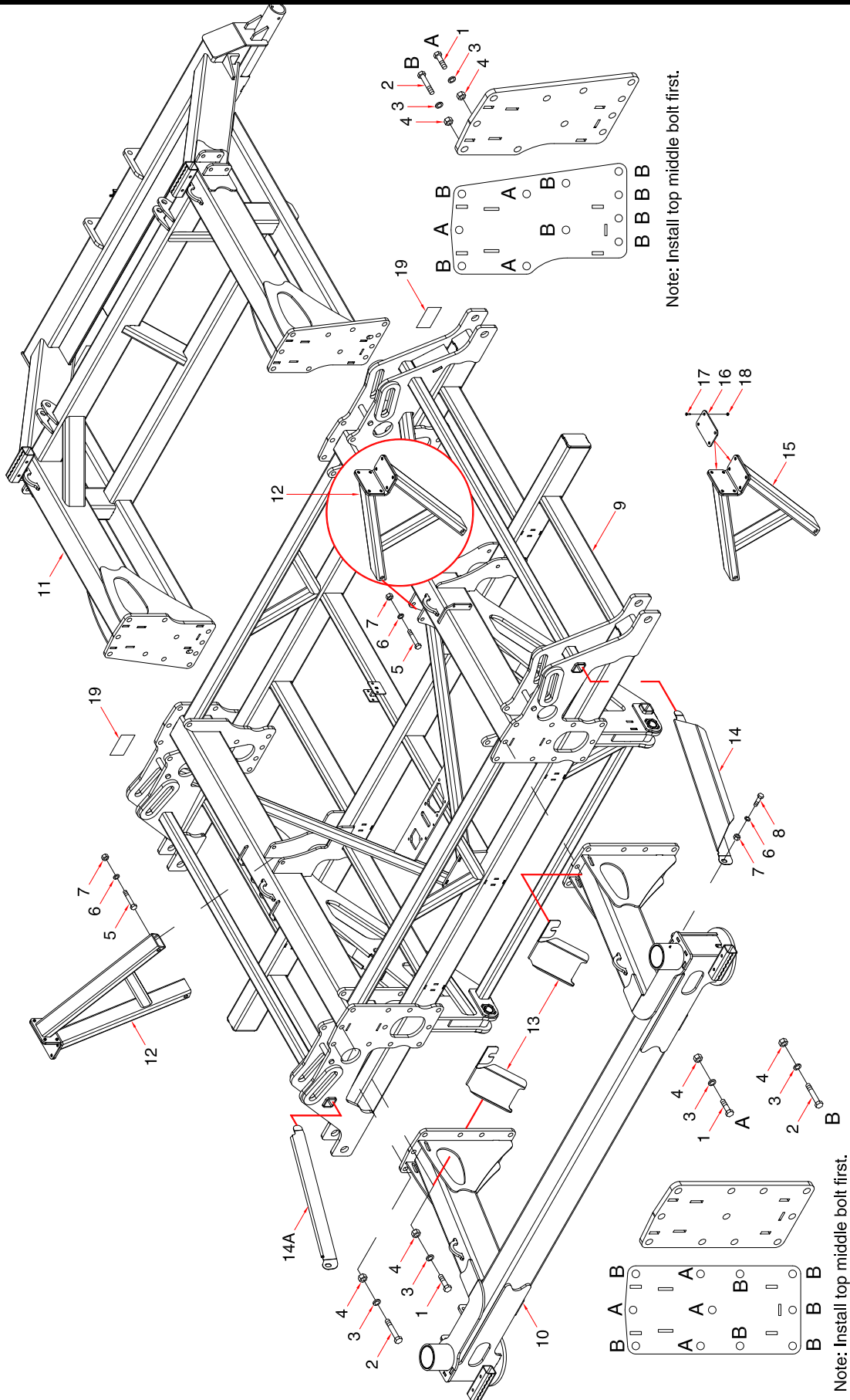




# Frame - Main - Carriage Main - 80 ft - 24m - 2024 to Present

| Item | Part No. | Description                                                        | Qty |
|------|----------|--------------------------------------------------------------------|-----|
| 1    | S72860   | Front Carriage (Includes items 8 and 17) .....                     | 1   |
| 2    | S73330   | Rear Carriage.....                                                 | 1   |
| 3    | S72490   | Castor Fork.....                                                   | 2   |
| 4    | S72499   | Walking Beam - Offset (Includes 2 of Bushing S55639 item 39) ..... | 4   |
| 5    | S72080   | Axle and Spindle Assembly - 3 Spindle .....                        | 4   |
| 6    | S72825   | Tire and Rim Assembly - Alliance 381 - 445/50R22.5 VF .....        | 4   |
| 7    | S64955   | Cap - Castor Main - 6 Diameter .....                               | 2   |
| 8    | S64948   | Bushing - 4 1/2 ID x 4 3/4 OD x 4 Lg .....                         | 4   |
| 9    | S64950   | Wear Disc - 4 9/16 ID x 12 OD x 1/4 Thick.....                     | 2   |
| 10   | S72700   | Light Bracket - Left .....                                         | 1   |
| 10A  | S73110   | Light Bracket - Right.....                                         | 1   |
| 11   | W-527    | Lockwasher - 3/4.....                                              | 2   |
| 12   | C-695    | Bolt - 3/4 x 2 Lg.....                                             | 2   |
| 13   | D-5519   | Hex Bolt - 1/2 x 3 1/4.....                                        | 4   |
| 14   | S-951    | Bolt - 1/2 x 4 1/2 Lg.....                                         | 8   |
| 15   | D-5273   | Locknut - 3/4 Unitorque.....                                       | 2   |
| 16   | F-3405   | Locknut - 1/2 Unitorque.....                                       | 12  |
| 17   | S-752    | Grease Nipple .....                                                | 4   |
| 18   | N34476   | Reflector - Red .....                                              | 2   |
| 19   | N34477   | Reflector - Amber .....                                            | 2   |
| 20   | N34478   | Reflector - Orange.....                                            | 2   |
| 21   | S65150   | Decal - Caution: Avoid injury .....                                | 1   |
| 22   | S65151   | Decal - Warning: Before Servicing .....                            | 1   |
| 23   | S65152   | Decal - Warning: High Pressure Fluid Hazard.....                   | 1   |
| 24   | S65153   | Decal - Danger: Crushing Hazard.....                               | 2   |
| 25   | S65154   | Decal - Warning: No Riders.....                                    | 1   |
| 26   | S65155   | Decal - Warning: Crushing Hazard.....                              | 1   |
| 27   | S66246   | Decal - QUANTUM.....                                               | 1   |
| 28   | N34475   | SMV Sign.....                                                      | 1   |
| 29   | N34643   | Spade Mount Bracket.....                                           | 1   |
| 30   | N22778   | Locknut - 1/4 Nylon Insert.....                                    | 2   |
| 31   | K-3830   | Hex Bolt - 1/4 x 1/2 Lg.....                                       | 2   |
| 32   | N50365   | Light LED - Amber.....                                             | 2   |
| 33   | N50366   | Light LED - Red .....                                              | 2   |
| 34   | S72497   | Pin - 1 3/4 OD x 7 1/2 UL.....                                     | 4   |
| 35   | N13962   | Washer - 1 9/32 ID x 2 1/2 OD x 1/4 thick.....                     | 4   |
| 36   | N19484   | Castle Nut - 1 1/4 - 12 UNF.....                                   | 4   |
| 37   | D-5239   | Cotter Pin - 1/4 x 2 1/4 Lg .....                                  | 4   |
| 38   | S55629   | Wear Washer.....                                                   | 8   |
| 39   | S55639   | Bushing - 1.75 ID x 2.25 OD x 2.375Lg.....                         | 8   |
| 40   | S32590   | Bolt - 3/4 x 7 Lg Gr 8.....                                        | 2   |
| 41   | N70874   | Axle and Spindle Assembly - 4 1/2 Spindle .....                    | 2   |
| 42   | S73369   | Tire and Rim Assembly - Alliance 885 - 650/55R26.5 - Right .....   | 1   |
| 43   | S73371   | Tire and Rim Assembly - Alliance 885 - 650/55R26.5 - Left .....    | 1   |
| 44   | S74901   | Bracket - Speed Identification .....                               | 1   |
| 45   | N15098   | U-Bolt - 3/8 x 4 3/8 x 5 Lg .....                                  | 1   |
| 46   | S27987   | Locknut - 3/8 Flanged Center Lock.....                             | 2   |
| 47   | N74900   | Decal - Speed ID 30 km/h - 70mm Diameter .....                     | 1   |
|      | N74903   | Decal - Speed ID 20 mph - 70mm Diameter (USA only)                 |     |
| 48   | N74299   | Decal - Speed ID 30 km/h - 200mm Diameter .....                    | 1   |
|      | N74902   | Decal - Speed ID 20 mph - 200mm Diameter (USA only)                |     |
| 49   | N74340   | Decal - Warning - Loss of Control .....                            | 1   |
|      | C25809   | Decal - Grease 50 Hours (Not Shown) .....                          | 2   |
|      | S55498   | Decal - Patent (Not Shown).....                                    | 1   |
|      | S67899   | Decat - Patent (Not Shown) .....                                   | 1   |
|      | 11547    | Decal - Patent Pending (Not Shown).....                            | 1   |

# Frame - Main 40 ft and 50 ft - 12m and 15m

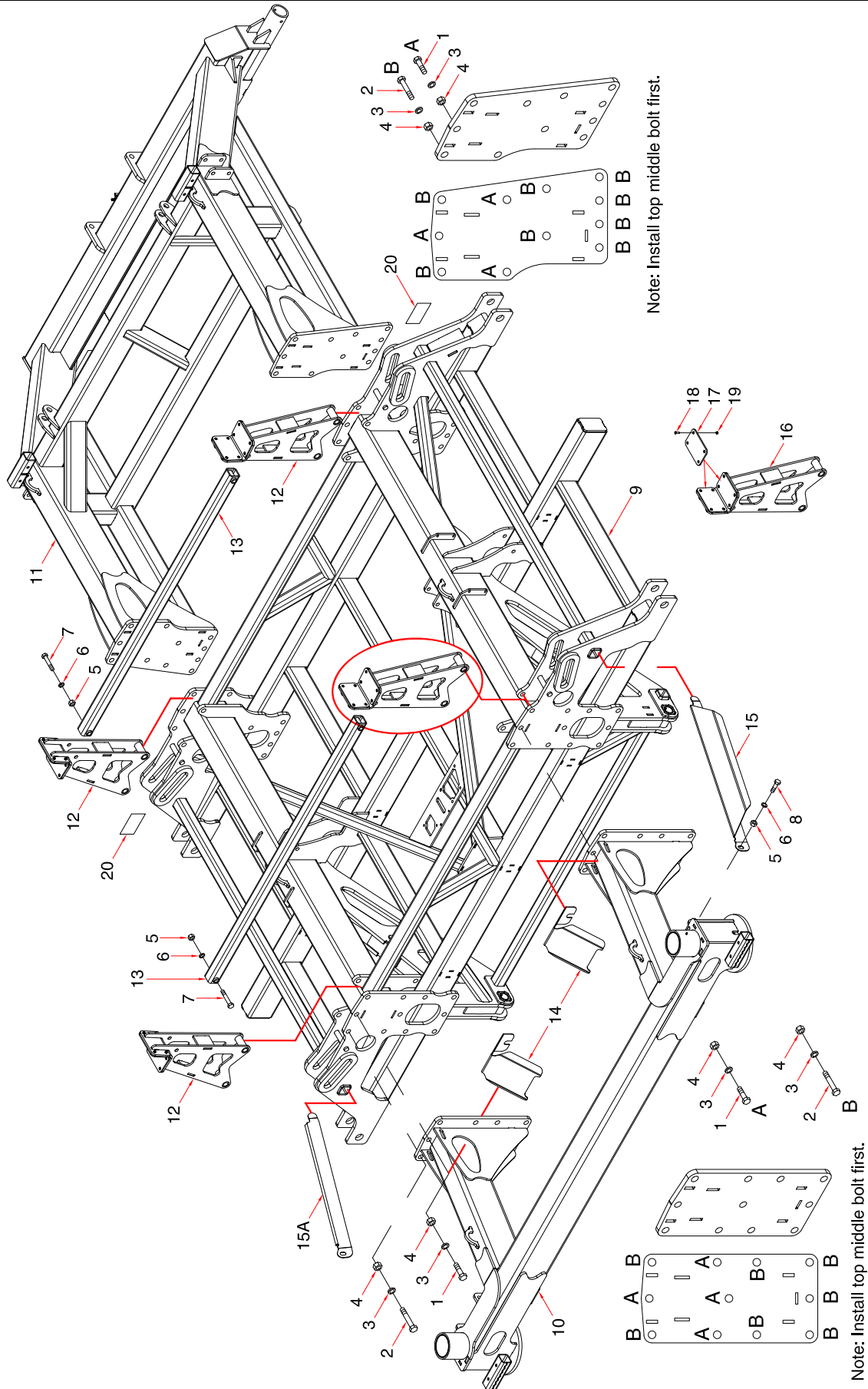




# Frame - Main - 40 ft and 50 ft - 12m and 15m

| Item                                           | Part No. | Description                                               | Qty |
|------------------------------------------------|----------|-----------------------------------------------------------|-----|
| 1                                              | J12344   | Hex Bolt - 1 x 3 Lg (Hole A).....                         | 14  |
| 2                                              | C18597   | Hex Bolt - 1 x 8 Lg (Hole B) .....                        | 30  |
| 3                                              | C-705    | Lockwasher - 1.....                                       | 44  |
| 4                                              | W-520    | Hex Nut - 1.....                                          | 44  |
| 5                                              | D-5558   | Hex Bolt - 3/4 x 6 Lg.....                                | 4   |
| 6                                              | W-527    | Lockwasher - 3/4.....                                     | 6   |
| 7                                              | W-518    | Hex Nut - 3/4.....                                        | 6   |
| 8                                              | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                            | 2   |
| 9                                              | S64240   | Main Frame .....                                          | 1   |
| 10                                             | S64200   | Front Carriage .....                                      | 1   |
| 11                                             | S64225   | Rear Carriage.....                                        | 1   |
| 12                                             | S65375   | Wing Rest Assembly .....                                  | 2   |
| 13                                             | S67250   | Primary Hose Deflector .....                              | 2   |
| 14                                             | S66430   | Primary Hose Hose Suport - Main - Left side (shown) ..... | 1   |
| 14A                                            | S66435   | Primary Hose Hose Suport - Main - Right side .....        | 1   |
| <b>Quantities given per Wing Rest Assembly</b> |          |                                                           |     |
| 15                                             | S65330   | Wing Rest.....                                            | 1   |
| 16                                             | S64416   | Wear Pad .....                                            | 2   |
| 17                                             | C32741   | Hex Socket Countersunk Screw - 1/4 x 1 Lg.....            | 8   |
| 18                                             | N15757   | Locknut - 1/4 - 20 UNC .....                              | 8   |
| 19                                             | S65153   | Decal - Danger: Crushing Hazard .....                     | 2   |

# Frame - Main 60 ft - 18m



## Frame - Main - 60 ft - 18m

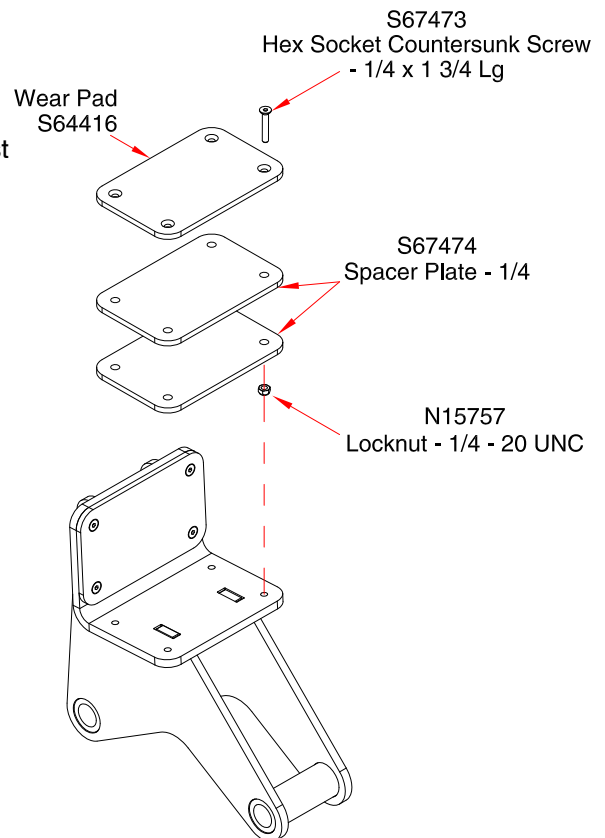
| Item                                           | Part No. | Description                                               | Qty |
|------------------------------------------------|----------|-----------------------------------------------------------|-----|
| 1                                              | J12344   | Hex Bolt - 1 x 3 Lg (Hole A).....                         | 14  |
| 2                                              | C18597   | Hex Bolt - 1 x 8 Lg (Hole B) .....                        | 30  |
| 3                                              | C-705    | Lockwasher - 1.....                                       | 44  |
| 4                                              | W-520    | Hex Nut - 1.....                                          | 44  |
| 5                                              | W-518    | Hex Nut - 3/4.....                                        | 6   |
| 6                                              | W-527    | Lockwasher - 3/4.....                                     | 6   |
| 7                                              | S-1191   | Hex Bolt - 3/4 x 5 Lg.....                                | 4   |
| 8                                              | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                            | 2   |
| 9                                              | S64240   | Main Frame .....                                          | 1   |
| 10                                             | S64200   | Front Carriage .....                                      | 1   |
| 11                                             | S64225   | Rear Carriage.....                                        | 1   |
| 12                                             | S65360   | Wing Rest Assembly (Includes items 16 - 19) .....         | 4   |
| 13                                             | S64994   | Wing Rest - Tie Bar .....                                 | 2   |
| 14                                             | S67250   | Primary Hose Deflector .....                              | 2   |
| 15                                             | S66430   | Primary Hose Hose Suport - Main - Left side (shown) ..... | 1   |
| 15A                                            | S66435   | Primary Hose Hose Suport - Main - Right side .....        | 1   |
| <b>Quantities given per Wing Rest Assembly</b> |          |                                                           |     |
| 16                                             | S64995   | Wing Rest.....                                            | 1   |
| 17                                             | S64416   | Wear Pad .....                                            | 2   |
| 18                                             | C32741   | Hex Socket Countersunk Screw - 1/4 x 1 Lg.....            | 8   |
| 19                                             | N15757   | Locknut - 1/4 - 20 UNC .....                              | 8   |
| 20                                             | S65153   | Decal - Danger: Crushing Hazard .....                     | 2   |

### Wing Rest Spacer Plate Kit

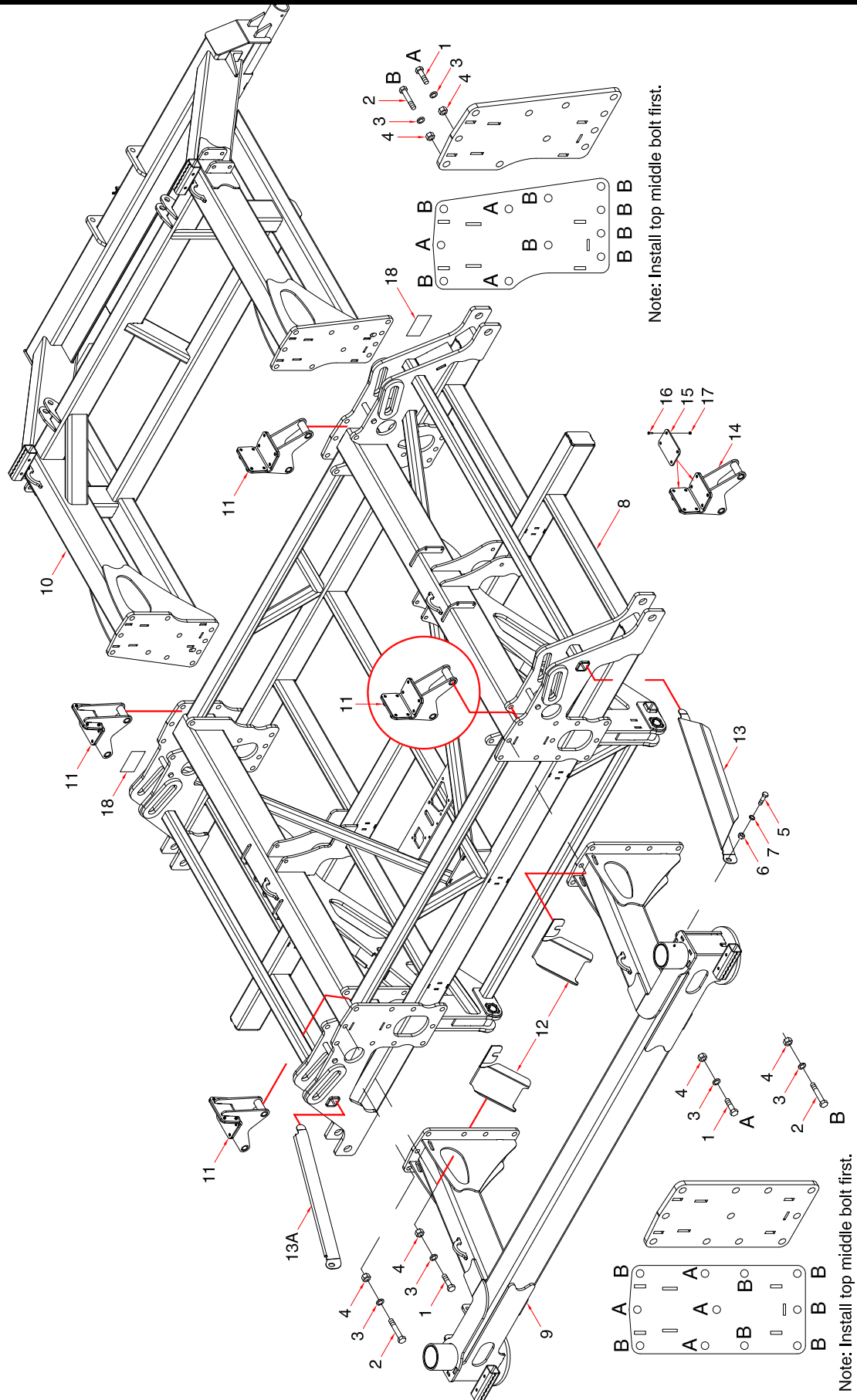
Four S67475 Spacer Plate Kits are provided to adjust wear pad height to ensure outer wings rests on pad.

Kit S67475 includes:

- 4 of N15757 Locknut - 1/4 - 20 UNC
- 4 of S67473 Countersunk Screw - 1/4 x 1 3/4 Lg
- 2 of S67474 Spacer Plate - 1/4



# Frame - Main 70 ft - 21m



## Frame - Main - 70 ft - 21m

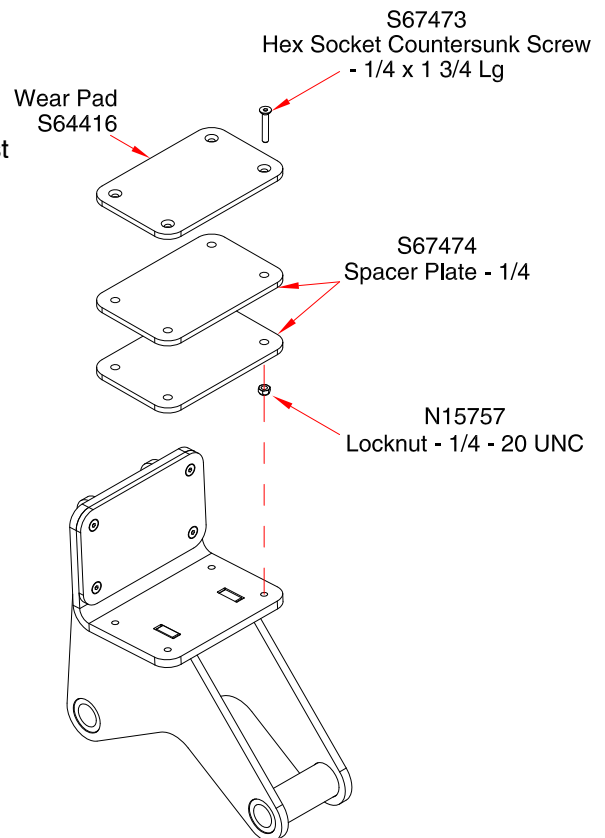
| Item                                           | Part No. | Description                                               | Qty |
|------------------------------------------------|----------|-----------------------------------------------------------|-----|
| 1                                              | J12344   | Hex Bolt - 1 x 3 Lg (Hole A).....                         | 14  |
| 2                                              | C18597   | Hex Bolt - 1 x 8 Lg (Hole B) .....                        | 30  |
| 3                                              | C-705    | Lockwasher - 1.....                                       | 44  |
| 4                                              | W-520    | Hex Nut - 1.....                                          | 44  |
| 5                                              | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                            | 2   |
| 6                                              | W-518    | Hex Nut - 3/4.....                                        | 2   |
| 7                                              | W-527    | Lockwasher - 3/4.....                                     | 2   |
| 8                                              | S64240   | Main Frame .....                                          | 1   |
| 9                                              | S64200   | Front Carriage .....                                      | 1   |
| 10                                             | S64225   | Rear Carriage.....                                        | 1   |
| 11                                             | S65370   | Wing Rest Assembly (Includes items 14 - 17) .....         | 4   |
| 12                                             | S67250   | Primary Hose Deflector .....                              | 2   |
| 13                                             | S66430   | Primary Hose Hose Suport - Main - Left side (shown) ..... | 1   |
| 13A                                            | S66435   | Primary Hose Hose Suport - Main - Right side .....        | 1   |
| <b>Quantities given per Wing Rest Assembly</b> |          |                                                           |     |
| 14                                             | S64390   | Wing Rest.....                                            | 1   |
| 15                                             | S64416   | Wear Pad .....                                            | 2   |
| 16                                             | C32741   | Hex Socket Countersunk Screw - 1/4 x 1 Lg.....            | 8   |
| 17                                             | N15757   | Locknut - 1/4 - 20 UNC .....                              | 8   |
| 18                                             | S65153   | Decal - Danger: Crushing Hazard.....                      | 4   |

### Wing Rest Spacer Plate Kit

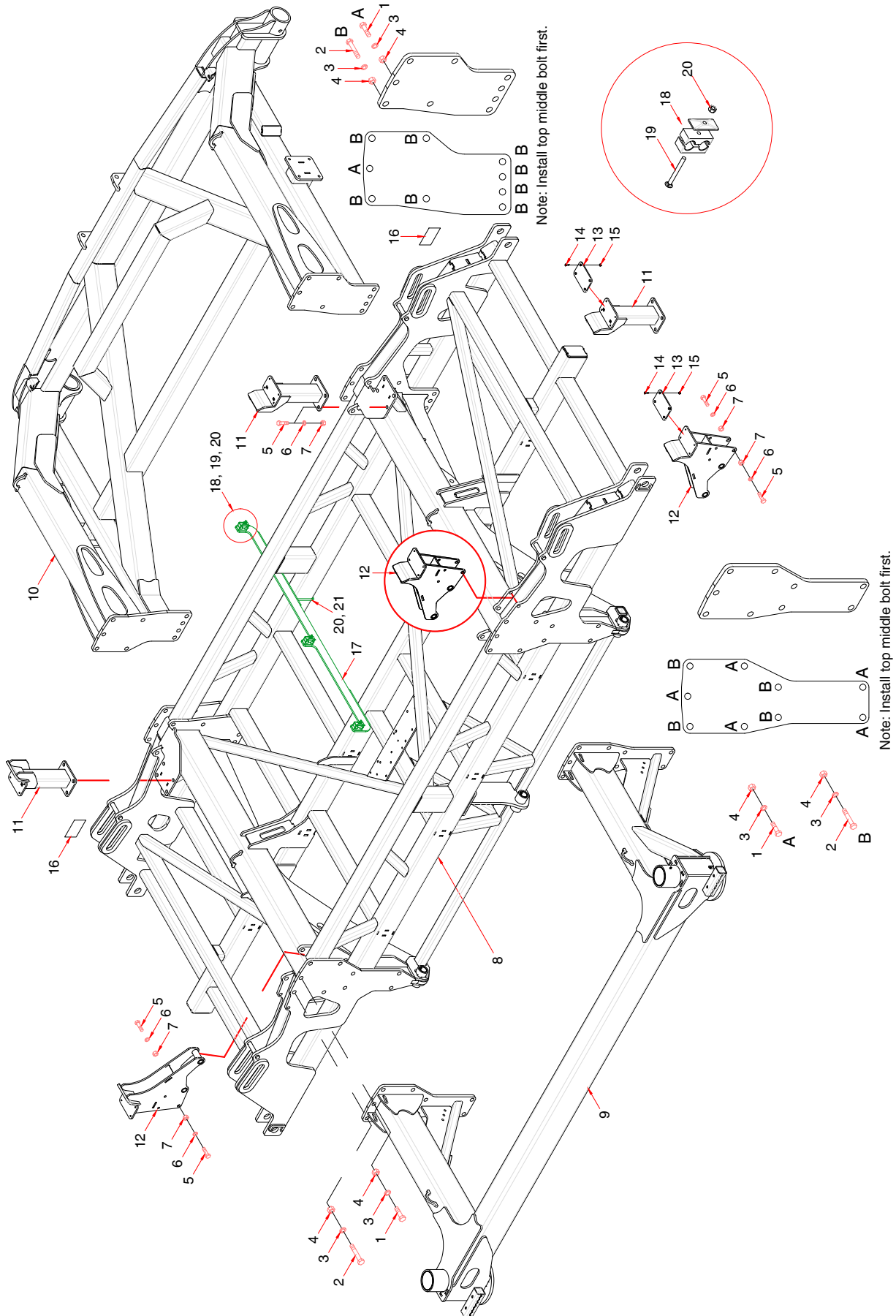
Four S67475 Spacer Plate Kits are provided to adjust wear pad height to ensure outer wings rests on pad.

Kit S67475 includes:

- 4 of N15757 Locknut - 1/4 - 20 UNC
- 4 of S67473 Countersunk Screw - 1/4 x 1 3/4 Lg
- 2 of S67474 Spacer Plate - 1/4



# Frame - Main 80 ft - 24m

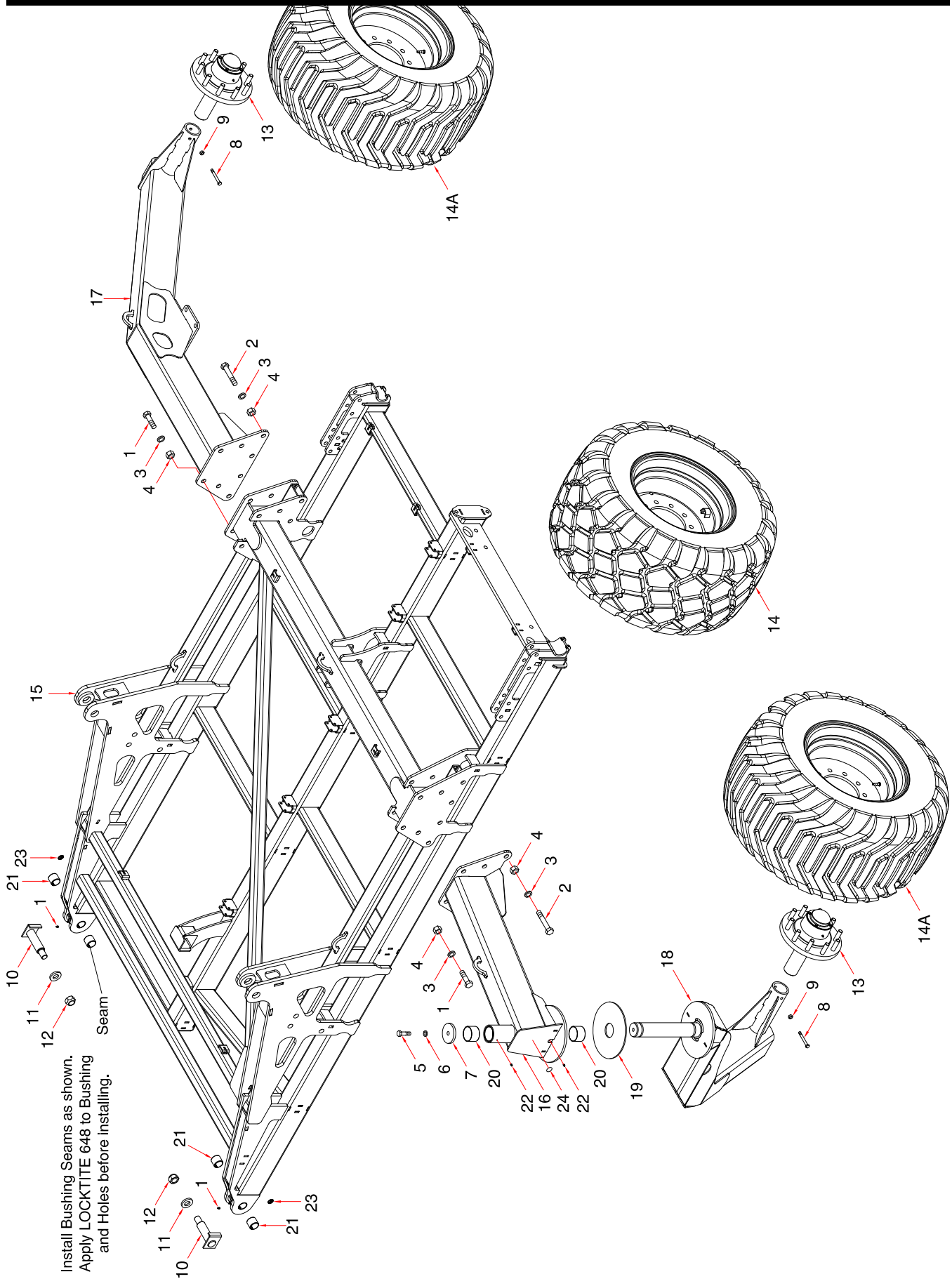


## Frame - Main - 80 ft - 24m

| Item                                           | Part No. | Description                                              | Qty |
|------------------------------------------------|----------|----------------------------------------------------------|-----|
| 1                                              | J12344   | Hex Bolt - 1 x 3 Lg (Hole A).....                        | 12  |
| 2                                              | C18597   | Hex Bolt - 1 x 8 Lg (Hole B) .....                       | 24  |
| 3                                              | C-705    | Lockwasher - 1 .....                                     | 36  |
| 4                                              | W-520    | Hex Nut - 1 .....                                        | 36  |
| 5                                              | C-695    | Hex Bolt - 3/4 x 2 Lg.....                               | 12  |
| 6                                              | W-527    | Lockwasher - 3/4.....                                    | 12  |
| 7                                              | W-518    | Hex Nut - 3/4 .....                                      | 12  |
| 8                                              | S72600   | Main Frame .....                                         | 1   |
| 9                                              | S72860   | Front Carriage .....                                     | 1   |
| 10                                             | S73330   | Rear Carriage.....                                       | 1   |
| 11                                             | S72685   | Wing Rest Assembly - Back (Includes items 13 - 15).....  | 2   |
| 12                                             | S72698   | Wing Rest Assembly - Front (Includes items 13 - 15)..... | 2   |
| <b>Quantities given per Wing Rest Assembly</b> |          |                                                          |     |
| 13                                             | S64416   | Wear Pad .....                                           | 1   |
| 14                                             | C32741   | Hex Socket Countersunk Screw - 1/4 x 1 Lg.....           | 4   |
| 15                                             | N15757   | Locknut - 1/4 - 20 UNC .....                             | 4   |
| 16                                             | S65153   | Decal - Danger: Crushing Hazard .....                    | 2   |
| <b>Hydraulic Hose Holder</b>                   |          |                                                          |     |
| 17                                             | S73373   | Hose Holder .....                                        | 1   |
| 18                                             | 11740    | Plastic Hose Clamp Assembly - 13/16 .....                | 3   |
| 19                                             | S66015   | Carriage Bolt - 5/16 X 3 Lg.....                         | 3   |
| 20                                             | C32925   | Locknut - 5/16 Center.....                               | 3   |
| 20                                             | C-3932   | U-Bolt - 1/2 X 4 X 7 1/4 UL .....                        | 2   |
| 21                                             | D14565   | Locknut - 1/2 Serrated.....                              | 4   |



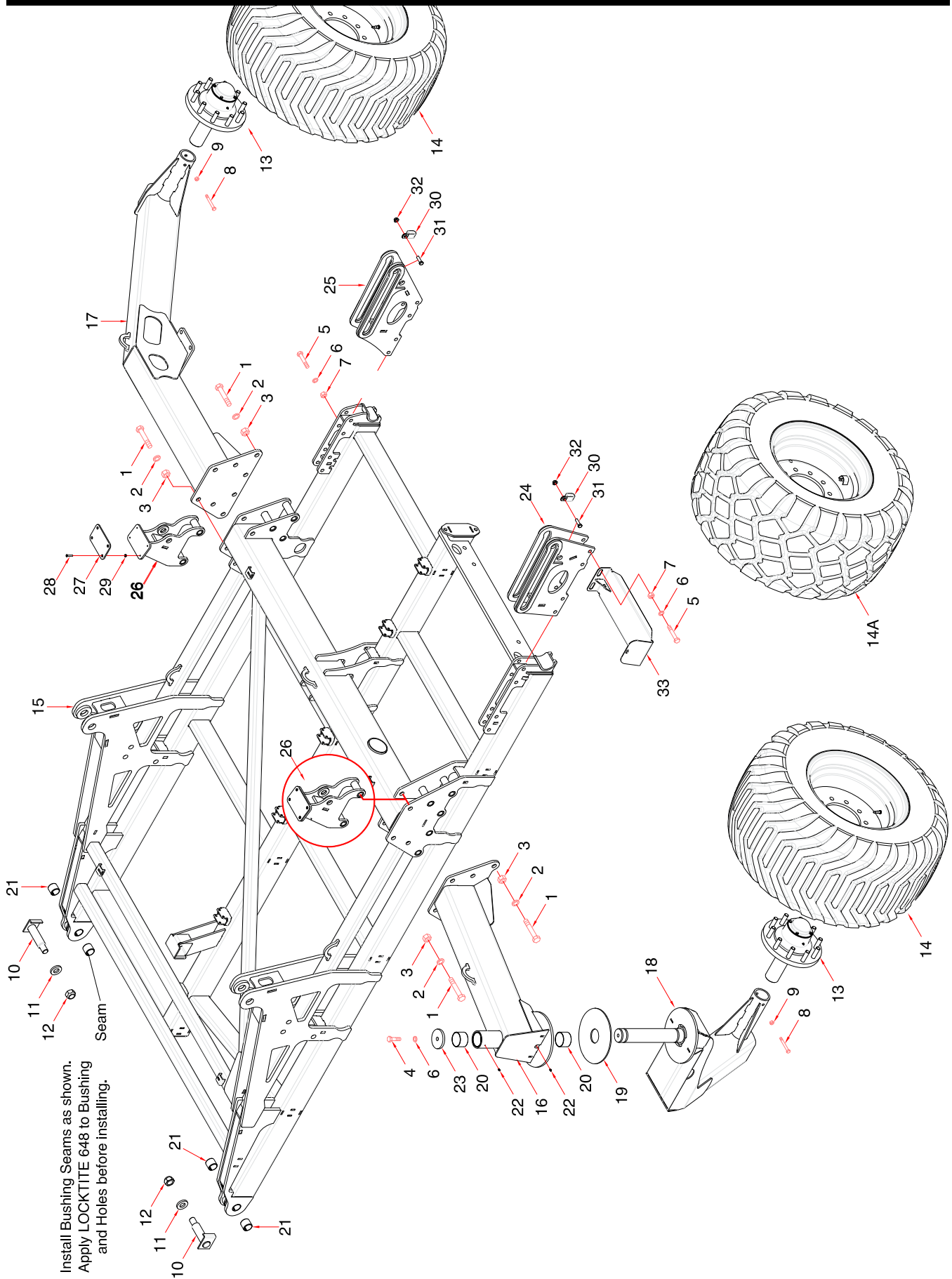
# Frame - Wing 40 ft - 12m



## Frame - Wing - 40 ft - 12m

| Item | Part No.      | Description                                                                                    | Qty |
|------|---------------|------------------------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                               |     |
| 1    | J12344        | Hex Bolt - 1 x 3 Lg (Prior to 2022).....                                                       | 4   |
|      | D12903        | Hex Bolt - 1 x 7 Lg ( <b>From 2022 to Present</b> ) .....                                      | 4   |
| 2    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                                       | 12  |
| 3    | C-705         | Lockwasher - 1.....                                                                            | 16  |
| 4    | W-520         | Hex Nut - 1.....                                                                               | 16  |
| 5    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                                     | 1   |
| 6    | W-527         | Lockwasher - 3/4.....                                                                          | 1   |
| 7    | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                                                            | 1   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                                     | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque .....                                                                 | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                                    | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                                  | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                                                               | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                                                                 | 2   |
|      | S64970        | Axle and Spindle Assembly - Prior to Serial Number QT40210486                                  |     |
| 14   | S68660        | Tire and Rim Assembly - <b>By-Directional (From 2021 to Present)</b> .....                     | 2   |
| 14A  | K65091        | Tire and Rim Assembly - <b>Right</b> (Shown) use on left side of machine (Prior to 2021) ..... | 2   |
|      | K65090        | Tire and Rim Assembly - <b>Left</b> (Not Shown) use on right side of machine (Prior to 2021)   |     |
| 15   | S65305        | Wing - Left.....                                                                               | 1   |
|      | S65310        | Wing - Right (Not Shown) .....                                                                 | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20 and 22).....                                               | 1   |
| 17   | S66474        | Rear Depth Beam - Left.....                                                                    | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                                       | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                                                     | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                                                        | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                                 | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                                                      | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                                     | 4   |
| 22   | S-752         | Grease Nipple .....                                                                            | 4   |
| 23   | C24810        | Decal - Grease 100 Hours.....                                                                  | 2   |
| 24   | C25809        | Decal - Grease 50 Hours .....                                                                  | 1   |

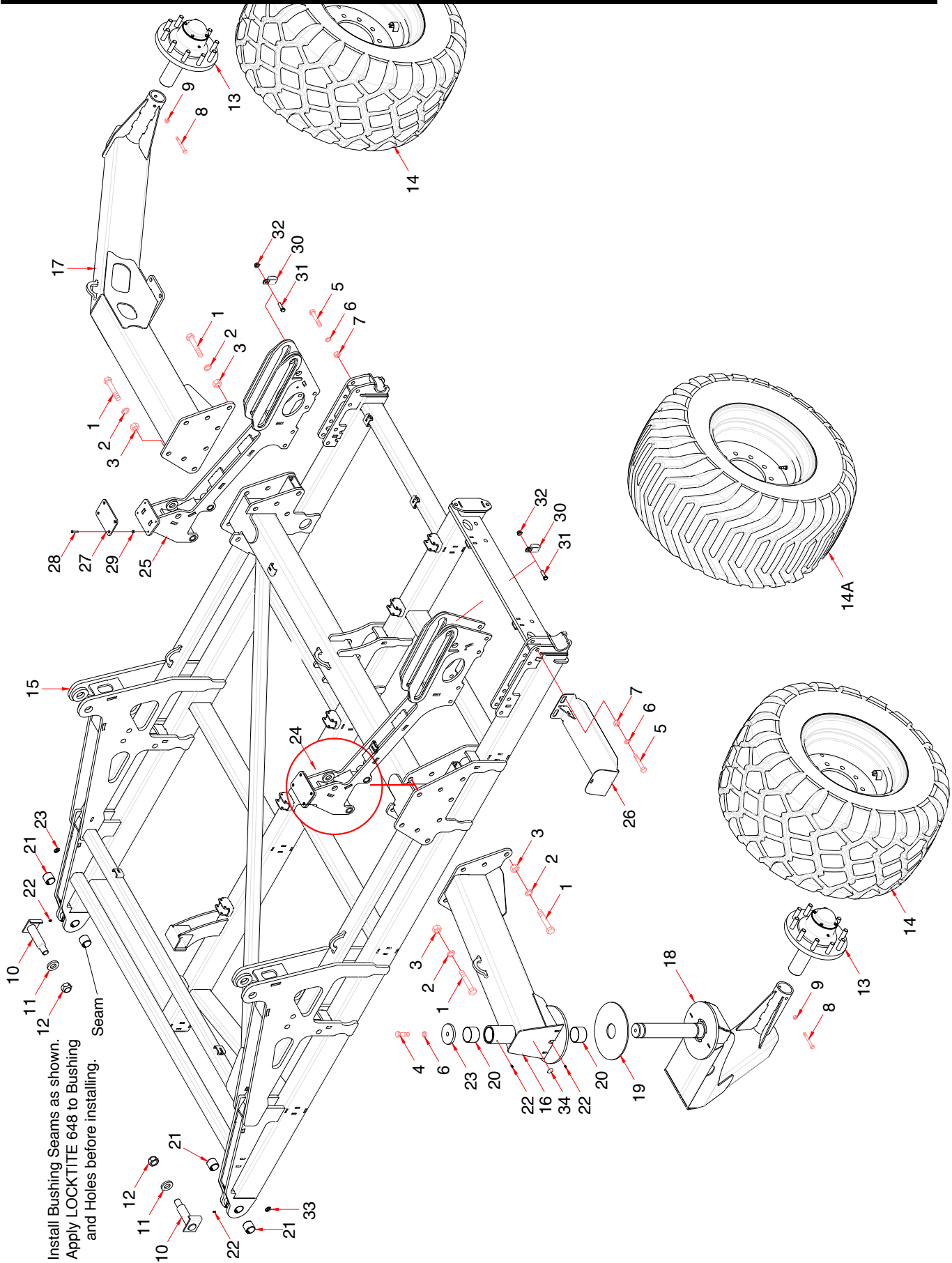
# Frame - Wing 50 ft - 15m - Version 1



# Frame - Wing - 50 ft - 15m - Version 1

| Item | Part No.      | Description                                                                         | Qty |
|------|---------------|-------------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                    |     |
| 1    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                            | 16  |
| 2    | C-705         | Lockwasher - 1.....                                                                 | 16  |
| 3    | W-520         | Hex Nut - 1.....                                                                    | 16  |
| 4    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                          | 1   |
| 5    | S-1191        | Hex Bolt - 3/4 x 5 Lg.....                                                          | 8   |
| 6    | W-527         | Lockwasher - 3/4.....                                                               | 9   |
| 7    | W-518         | Hex Nut - 3/4.....                                                                  | 8   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                          | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque .....                                                      | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                         | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                       | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                                                    | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                                                      | 2   |
|      | S64970        | Axle and Spindle Assembly - Prior to Serial Number QT50210561                       |     |
| 14   | <b>K65091</b> | Tire and Rim Assembly - <b>Right</b> (Shown) . . . use on left side of machine..... | 2   |
|      | <b>K65090</b> | Tire and Rim Assembly - <b>Left</b> (Not Shown) . . . use on right side of machine  |     |
| 14A  | S68660        | Tire and Rim Assembly - <b>By-Directional</b>                                       |     |
| 15   | S65305        | Wing - Left.....                                                                    | 1   |
|      | S65310        | Wing - Right (Not Shown) .....                                                      | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20 and 22).....                                    | 1   |
| 17   | S66474        | Rear Depth Beam - Left.....                                                         | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                            | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                                          | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                                             | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                      | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                                           | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                          | 4   |
| 22   | S-752         | Grease Nipple .....                                                                 | 2   |
|      | C25809        | Decal - Grease 50 Hours (Not Shown) .....                                           | 1   |
| 23   | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                                                 | 1   |
| 24   | S65340        | Front Flip Hinge.....                                                               | 1   |
| 25   | S65345        | Rear Flip Hinge .....                                                               | 1   |
| 26   | S65365        | Wing Rest.....                                                                      | 2   |
| 27   | S64416        | Wear Pad .....                                                                      | 2   |
| 28   | C32741        | Hex Socket Countersunk Screw - 1/4 x 1 Lg.....                                      | 8   |
| 29   | N15757        | Locknut - 1/4 - 20 UNC .....                                                        | 8   |
| 30   | S66255        | Hose Holder .....                                                                   | 2   |
| 31   | W-475         | Hex Bolt - 3/8 x 1 Lg.....                                                          | 2   |
| 32   | D-5279        | Locknut - 3/8 Serrated.....                                                         | 2   |
| 33   | N67295        | Primary Hose Guide Plate - Wing .....                                               | 1   |

# Frame - Wing 50 ft - 15m - Version 2

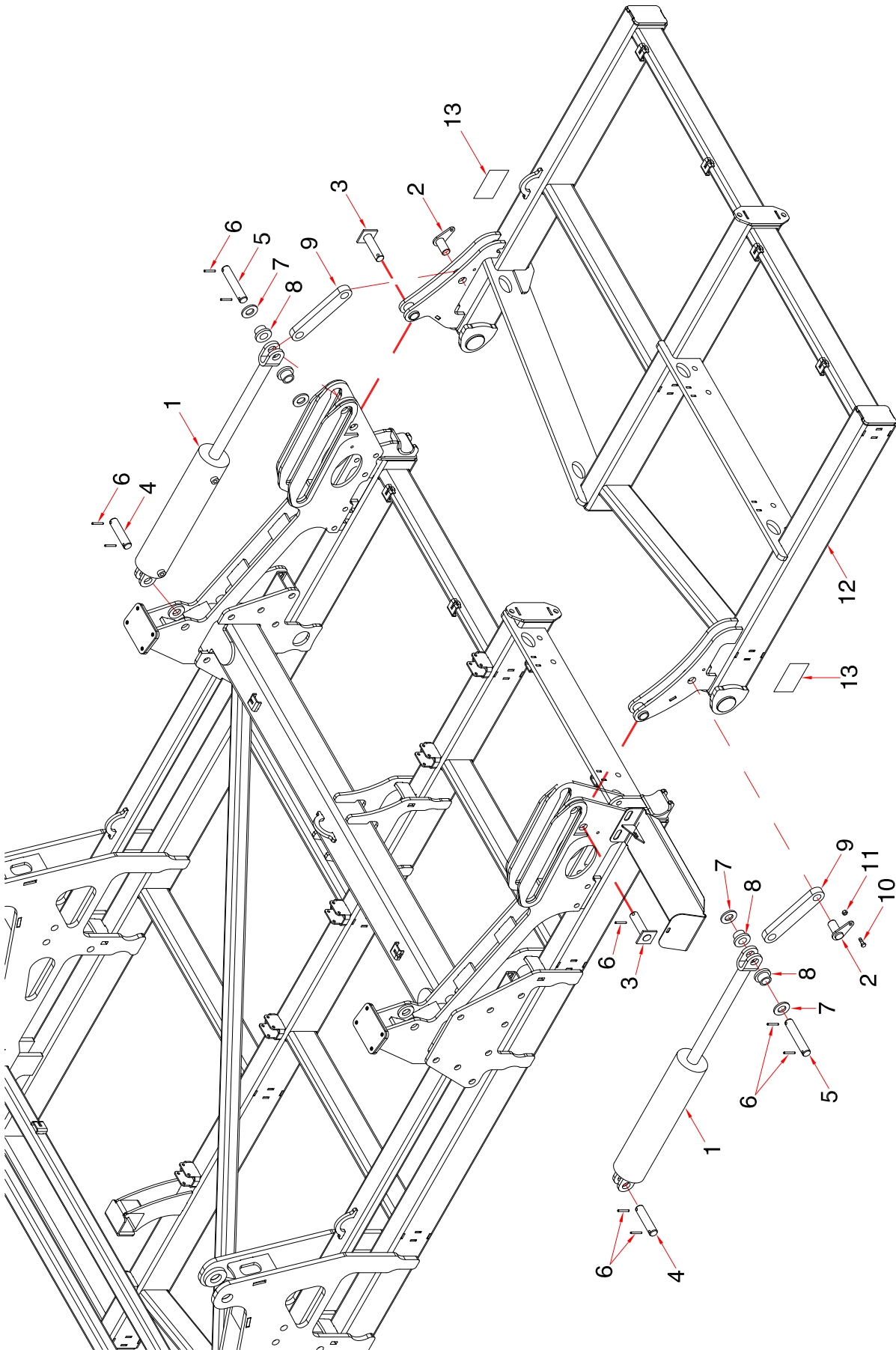


## Frame - Wing - 50 ft - 15m - Version 2

| Item | Part No.      | Description                                                                                   | Qty |
|------|---------------|-----------------------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                              |     |
| 1    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                                      | 16  |
| 2    | C-705         | Lockwasher - 1.....                                                                           | 16  |
| 3    | W-520         | Hex Nut - 1.....                                                                              | 16  |
| 4    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                                    | 1   |
| 5    | S-1191        | Hex Bolt - 3/4 x 5 Lg.....                                                                    | 8   |
| 6    | W-527         | Lockwasher - 3/4.....                                                                         | 9   |
| 7    | W-518         | Hex Nut - 3/4.....                                                                            | 8   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                                    | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque.....                                                                 | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                                   | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                                 | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque.....                                                               | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly.....                                                                 | 2   |
|      | S64970        | Axle and Spindle Assembly - Prior to Serial Number QT50210561                                 |     |
| 14   | S68660        | Tire and Rim Assembly - <b>By-Directional (From 2021 to Present)</b> .....                    | 2   |
| 14A  | K65091        | Tire and Rim Assembly - <b>Right</b> (Shown) use on left side of machine (Prior to 2021)..... | 2   |
|      | K65090        | Tire and Rim Assembly - <b>Left</b> (Not Shown) use on right side of machine (Prior to 2021)  |     |
| 15   | S65305        | Wing - Left.....                                                                              | 1   |
|      | S65310        | Wing - Right (Not Shown).....                                                                 | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20 and 22).....                                              | 1   |
| 17   | S66474        | Rear Depth Beam - Left.....                                                                   | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                                      | 1   |
| 18   | S66295        | Castor - Wing - Left.....                                                                     | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown).....                                                        | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                                | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg.....                                                      | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                                    | 4   |
| 22   | S-752         | Grease Nipple.....                                                                            | 4   |
| 23   | S64303        | Cap - Castor Wing - 4 1/4 Dia.....                                                            | 1   |
| 24   | S68805        | Front Flip Hinge.....                                                                         | 1   |
| 25   | S68809        | Rear Flip Hinge.....                                                                          | 1   |
| 26   | N67295        | Primary Hose Guide Plate - Wing.....                                                          | 1   |
| 27   | S64416        | Wear Pad.....                                                                                 | 2   |
| 28   | C32741        | Hex Socket Countersunk Screw - 1/4 x 1 Lg.....                                                | 8   |
| 29   | N15757        | Locknut - 1/4 - 20 UNC.....                                                                   | 8   |
| 30   | S68415        | Hose Holder.....                                                                              | 2   |
| 31   | W-475         | Hex Bolt - 3/8 x 1 Lg.....                                                                    | 2   |
| 32   | D-5279        | Locknut - 3/8 Serrated.....                                                                   | 2   |
| 33   | C24810        | Decal - Grease 100 Hours.....                                                                 | 2   |
| 34   | C25809        | Decal - Grease 50 Hours.....                                                                  | 1   |



Frame - Wing  
50 ft - 15m - Flip Wing

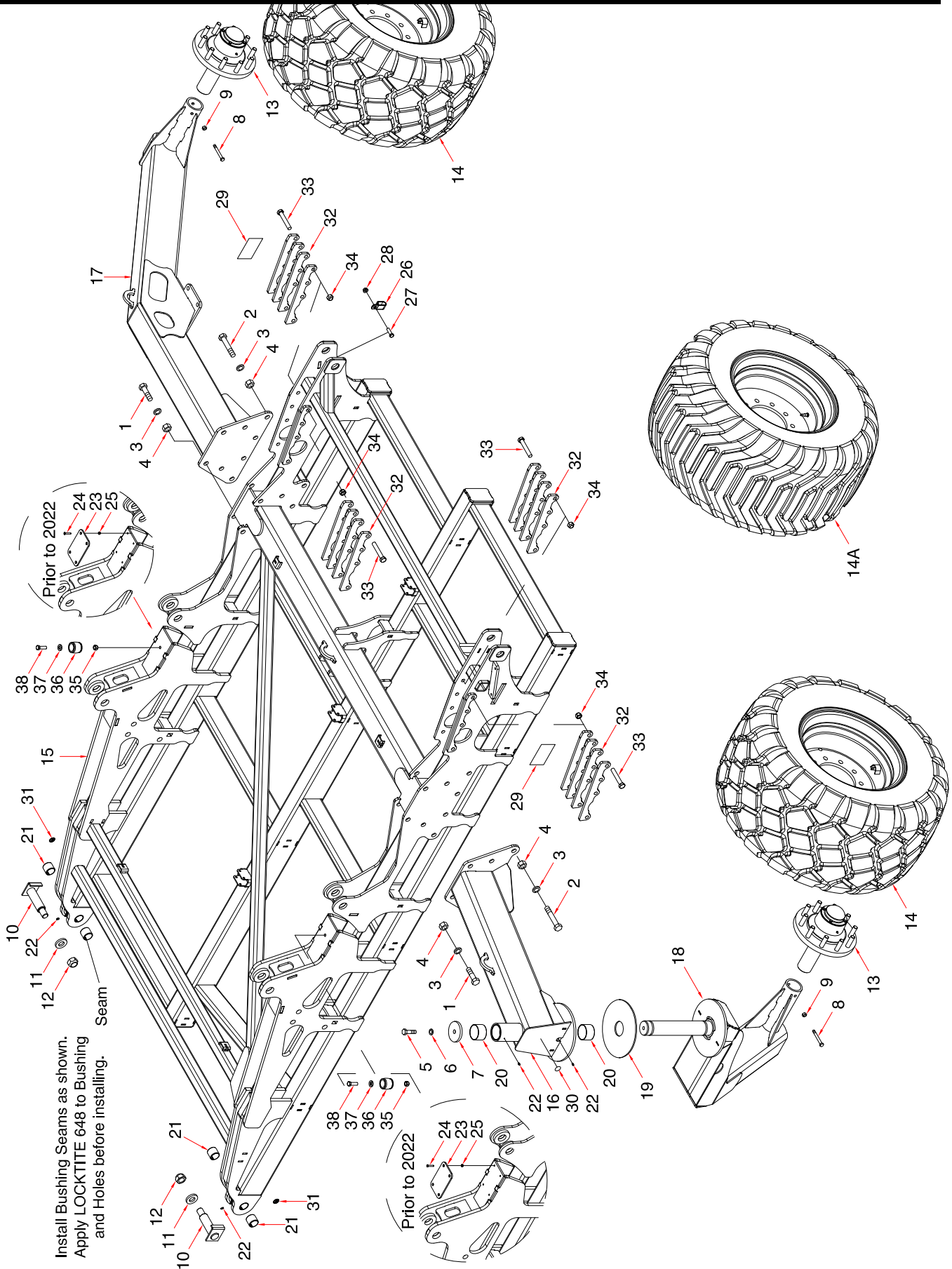




# Frame - Wing - 50 ft - 15m - Flip Wing

| Item | Part No. | Description                                                                        | Qty |
|------|----------|------------------------------------------------------------------------------------|-----|
|      |          | <b>Quantities given per Wing</b>                                                   |     |
| 1    | C65366   | Cylinder - 4 1/2 x 18 .....                                                        | 2   |
| 2    | S65374   | Pin - 1 1/4 x 2 3/8 UL .....                                                       | 2   |
| 3    | S45796   | Pin - 1 1/4 x 4 1/16 UL .....                                                      | 2   |
| 4    | S65372   | Pin - 1 1/4 x 4 1/4 UL .....                                                       | 2   |
| 5    | S65368   | Pin - 1 1/4 x 5 5/8 UL .....                                                       | 2   |
| 6    | T-5245   | Spiral Pin - 3/8 x 2 1/2 Lg.....                                                   | 10  |
| 7    | N13962   | Flat Washer - 1 9/32 ID x 2 1/2 OD x 1/4 Thick .....                               | 4   |
| 8    | S65367   | Wing Lift Roller - 1.281 ID x 1.75 OD x 2 1/2 OD x 1 13/32 Lg .....                | 4   |
| 9    | S65369   | Wing Lift Link - 1 x 2 3/8 x 11 5/8 Lg - 1.281 Dia holes - 9 1/4 Hole Centers..... | 2   |
| 10   | W-187    | Hex Bolt - 3/8 x 1 1/4.....                                                        | 2   |
| 11   | M-3388   | Hex Lock Nut - 3/8 .....                                                           | 2   |
| 12   | S65350   | Wing - Left .....                                                                  | 1   |
|      | S65355   | Wing - Right (Not Shown) .....                                                     | 1   |
| 13   | S65153   | Decal - Danger: Crushing Hazard .....                                              | 2   |

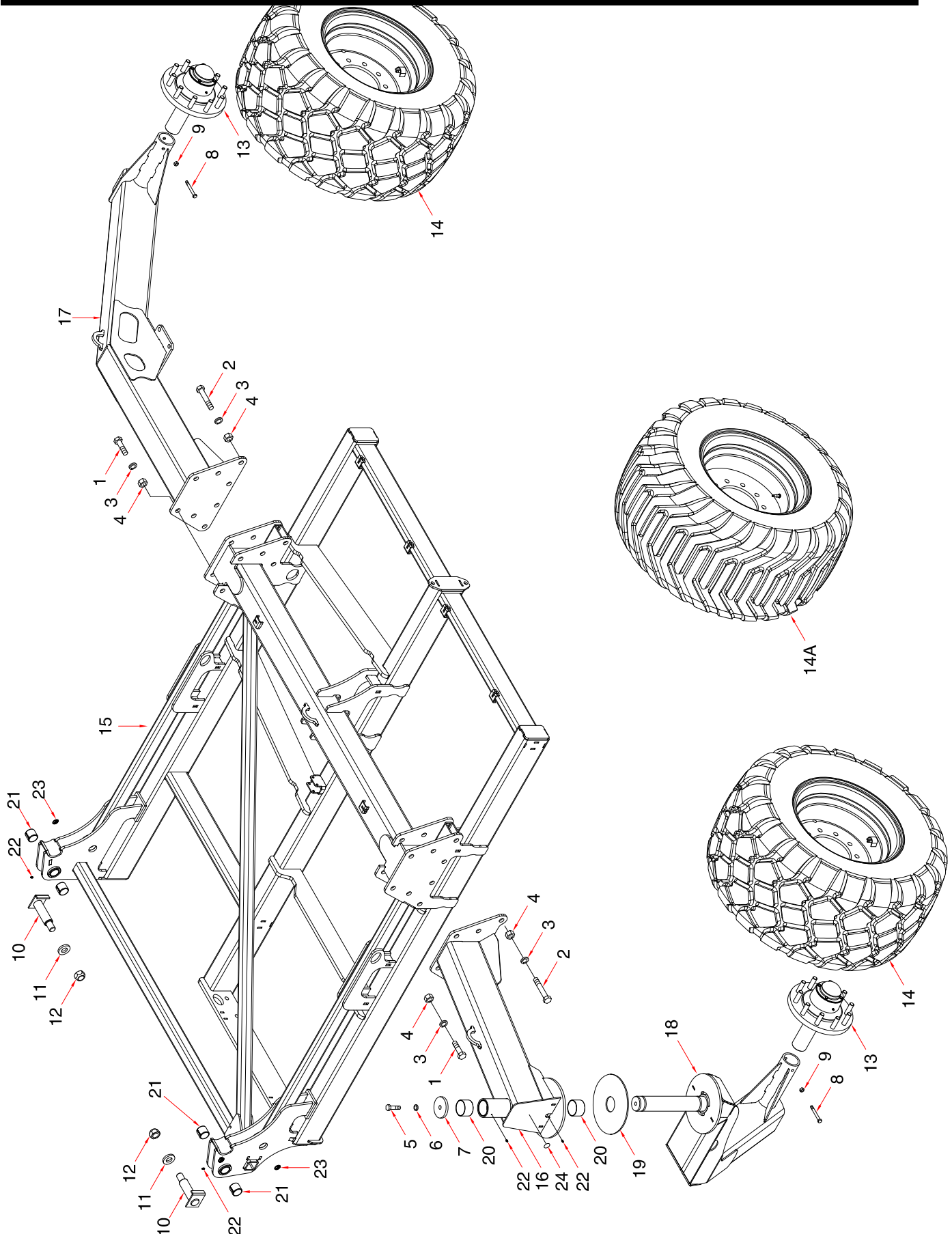
# Frame - Wing 60 ft - 18m - Inner Wing



## Frame - Wing - 60 ft - 18m - Inner Wing

| Item | Part No.      | Description                                                                                    | Qty |
|------|---------------|------------------------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                               |     |
| 1    | J12344        | Hex Bolt - 1 x 3 Lg (Prior to 2022).....                                                       | 4   |
|      | D12903        | Hex Bolt - 1 x 7 Lg <b>(From 2022 to Present)</b> .....                                        | 4   |
| 2    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                                       | 12  |
| 3    | C-705         | Lockwasher - 1.....                                                                            | 16  |
| 4    | W-520         | Hex Nut - 1.....                                                                               | 16  |
| 5    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                                     | 1   |
| 6    | W-527         | Lockwasher - 3/4.....                                                                          | 1   |
| 7    | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                                                            | 1   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                                     | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque .....                                                                 | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                                    | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                                  | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                                                               | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                                                                 | 2   |
|      | S64970        | Axle and Spindle Assembly - Prior to Serial Number QT60210745                                  |     |
| 14   | S68660        | Tire and Rim Assembly - <b>By-Directional (From 2021 to Present)</b> .....                     | 2   |
| 14A  | K65091        | Tire and Rim Assembly - <b>Right</b> (Shown) use on left side of machine (Prior to 2021) ..... | 2   |
|      | K65090        | Tire and Rim Assembly - <b>Left</b> (Not Shown) use on right side of machine (Prior to 2021)   |     |
| 15   | S64961        | Wing Inner - Left.....                                                                         | 1   |
|      | S64963        | Wing Inner - Right (Not Shown) .....                                                           | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20, 22 and 30).....                                           | 1   |
| 17   | S66474        | Rear Depth Beam - Left.....                                                                    | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                                       | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                                                     | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                                                        | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                                 | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                                                      | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                                     | 4   |
| 22   | S-752         | Grease Nipple .....                                                                            | 4   |
| 23   | S64416        | Wear Pad - (Prior to 2022).....                                                                | 2   |
| 24   | C32741        | Hex Socket Countersunk Screw - 1/4 x 1 Lg - (Prior to 2022).....                               | 8   |
| 25   | N15757        | Locknut - 1/4 - 20 UNC - (Prior to 2022) .....                                                 | 8   |
| 26   | S68415        | Hose Holder .....                                                                              | 2   |
| 27   | W-475         | Hex Bolt - 3/8 x 1 Lg.....                                                                     | 2   |
| 28   | D-5279        | Locknut - 3/8 Serrated.....                                                                    | 2   |
| 29   | S65153        | Decal - Danger: Crushing Hazard .....                                                          | 2   |
| 30   | C25809        | Decal - Grease 50 Hours .....                                                                  | 1   |
|      |               | <b>(Below Items From 2022 to Present)</b>                                                      |     |
| 31   | C24810        | Decal - Grease 100 Hours.....                                                                  | 2   |
| 32   | S71923        | Support - Wing Lift Roller .....                                                               | 16  |
| 33   | S-1175        | Bolt - 3/4 x 4 1/2 Lg.....                                                                     | 16  |
| 34   | D-5273        | Locknut - 3/4 Unitorque.....                                                                   | 16  |
| 35   | F-3405        | Locknut - 1/2 Unitorque.....                                                                   | 2   |
| 36   | 11678         | Bump Stop .....                                                                                | 2   |
| 37   | S-1925        | Washer - 17/32 ID x 1 OD x 13 GA .....                                                         | 2   |
| 38   | W-486         | Bolt - 1/2 x 1 1/2 Lg.....                                                                     | 2   |

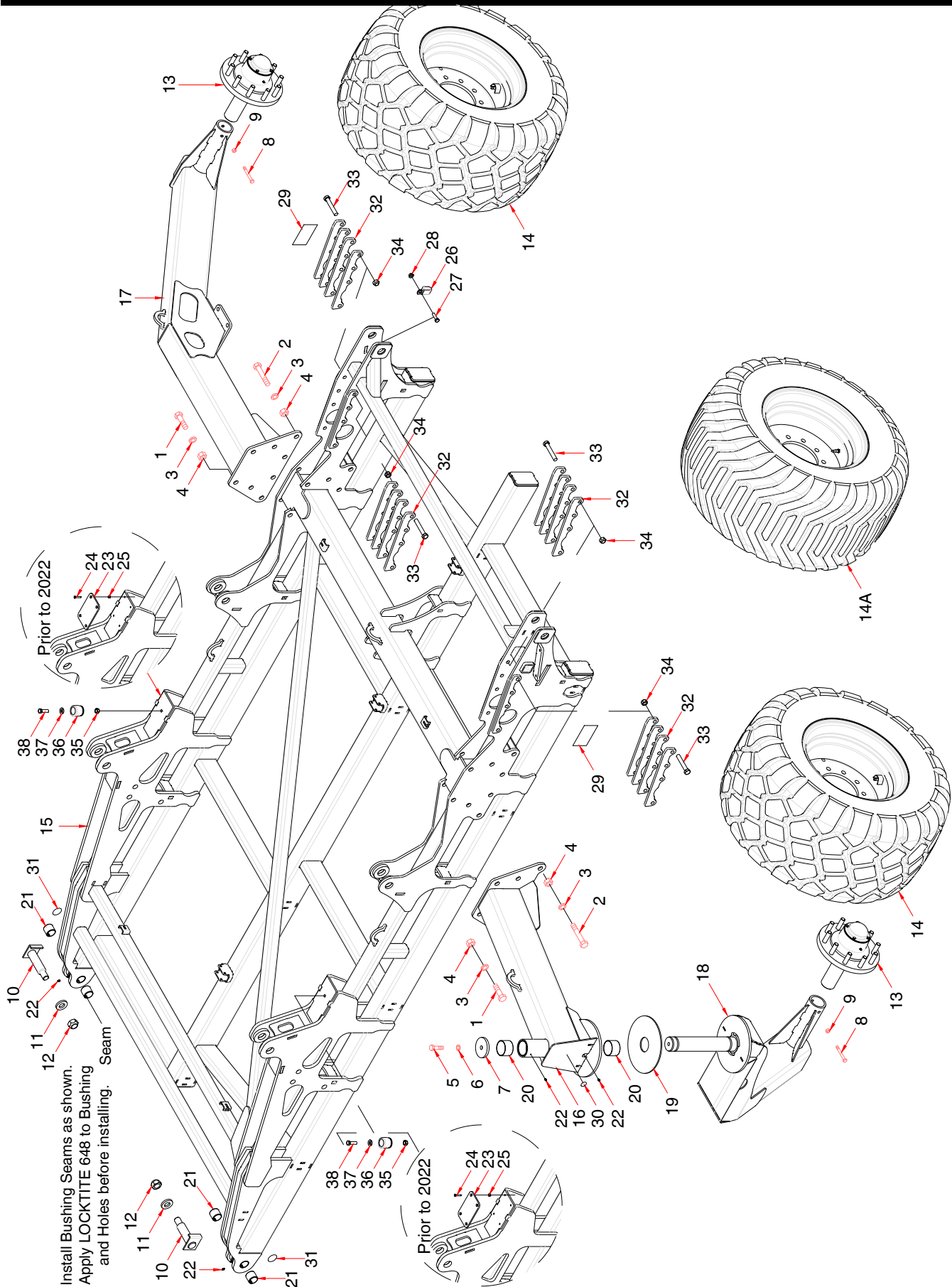
# Frame - Wing 60 ft - 18m - Outer Wing



## Frame - Wing - 60 ft - 18m - Outer Wing

| Item | Part No.      | Description                                                                                    | Qty |
|------|---------------|------------------------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                               |     |
| 1    | J12344        | Hex Bolt - 1 x 3 Lg (Prior to 2022).....                                                       | 4   |
|      | D12903        | Hex Bolt - 1 x 7 Lg ( <b>From 2022 to Present</b> ) .....                                      | 4   |
| 2    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                                       | 12  |
| 3    | C-705         | Lockwasher - 1.....                                                                            | 16  |
| 4    | W-520         | Hex Nut - 1.....                                                                               | 16  |
| 5    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                                     | 1   |
| 6    | W-527         | Lockwasher - 3/4.....                                                                          | 1   |
| 7    | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                                                            | 1   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                                     | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque .....                                                                 | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                                    | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                                  | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                                                               | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                                                                 | 2   |
|      | S64970        | Axle and Spindle Assembly - Prior to Serial Number QT60210745                                  |     |
| 14   | S68660        | Tire and Rim Assembly - <b>By-Directional (From 2021 to Present)</b> .....                     | 2   |
| 14A  | K65091        | Tire and Rim Assembly - <b>Right</b> (Shown) use on left side of machine (Prior to 2021) ..... | 2   |
|      | K65090        | Tire and Rim Assembly - <b>Left</b> (Not Shown) use on right side of machine (Prior to 2021)   |     |
| 15   | S64967        | Wing Outer - Left.....                                                                         | 1   |
|      | S64969        | Wing Outer - Right (Not Shown) .....                                                           | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20 and 22).....                                               | 1   |
| 17   | S66474        | Rear Depth Beam - Left.....                                                                    | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                                       | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                                                     | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                                                        | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                                 | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                                                      | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                                     | 4   |
| 22   | S-752         | Grease Nipple .....                                                                            | 4   |
| 23   | C24810        | Decal - Grease 100 Hours.....                                                                  | 2   |
| 24   | C25809        | Decal - Grease 50 Hours .....                                                                  | 1   |

# Frame - Wing 70 ft - 21m - Inner Wing



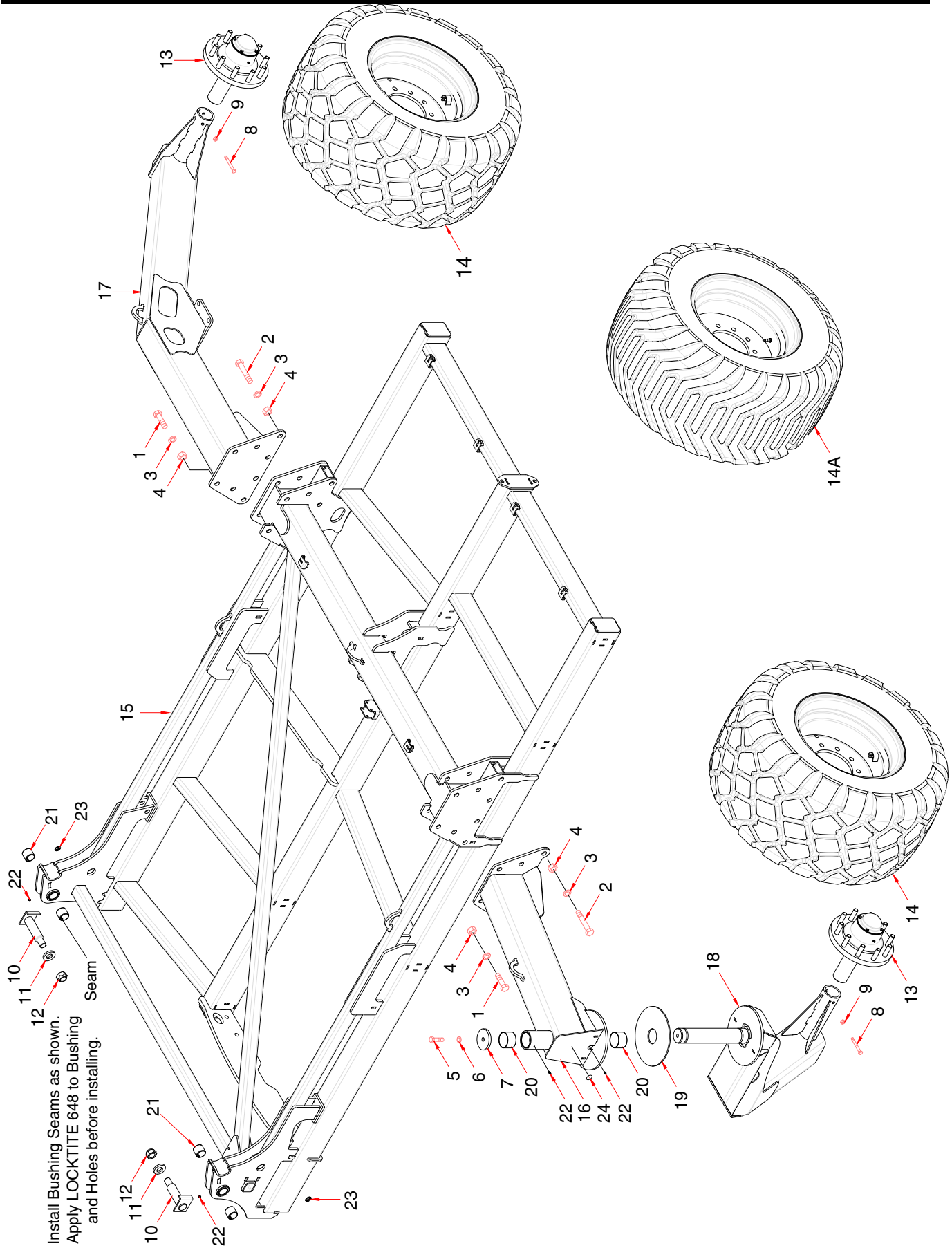


# Frame - Wing - 70 ft - 21m - Inner Wing

| Item | Part No.      | Description                                                                                | Qty |
|------|---------------|--------------------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                           |     |
| 1    | J12344        | Hex Bolt - 1 x 3 Lg (Prior to 2022).....                                                   | 4   |
|      | D12903        | Hex Bolt - 1 x 7 Lg ( <b>From 2022 to Present</b> ) .....                                  | 4   |
| 2    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                                   | 12  |
| 3    | C-705         | Lockwasher - 1.....                                                                        | 16  |
| 4    | W-520         | Hex Nut - 1.....                                                                           | 16  |
| 5    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                                 | 1   |
| 6    | W-527         | Lockwasher - 3/4.....                                                                      | 1   |
| 7    | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                                                        | 1   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                                 | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Uunitorque .....                                                            | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                                | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                              | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Uunitorque .....                                                          | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                                                             | 2   |
|      | S64970        | Axle and Spindle Assembly - Prior to Serial Number QT70210794                              |     |
| 14   | S68660        | Tire and Rim Assembly - <b>By-Directional (From 2021 to Present)</b> .....                 | 2   |
| 14A  | K65091        | Tire Rim Assembly - <b>Right</b> (Shown) use on left side of machine (Prior to 2021) ..... | 2   |
|      | K65090        | Tire Rim Assembly - <b>Left</b> (Not Shown) use on right side of machine (Prior to 2021)   |     |
| 15   | S64290        | Wing Inner - Left.....                                                                     | 1   |
|      | S64250        | Wing Inner - Right (Not Shown) .....                                                       | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20 and 22).....                                           | 1   |
| 17   | S66474        | Rear Depth Beam - Left.....                                                                | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                                   | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                                                 | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                                                    | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                             | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                                                  | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                                 | 4   |
| 22   | S-752         | Grease Nipple .....                                                                        | 4   |
| 23   | S64416        | Wear Pad - (Prior to 2022).....                                                            | 2   |
| 24   | C32741        | Hex Socket Countersunk Screw - 1/4 x 1 Lg - (Prior to 2022).....                           | 8   |
| 25   | N15757        | Locknut - 1/4 - 20 UNC - (Prior to 2022) .....                                             | 8   |
| 26   | S68415        | Hose Holder .....                                                                          | 2   |
| 27   | W-475         | Hex Bolt - 3/8 x 1 Lg.....                                                                 | 2   |
| 28   | D-5279        | Locknut - 3/8 Serrated.....                                                                | 2   |
| 29   | S65153        | Decal - Danger: Crushing Hazard.....                                                       | 2   |
| 30   | C25809        | Decal - Grease 50 Hours (Not Shown) .....                                                  | 1   |
|      |               | <b>(Below Items From 2022 to Present)</b>                                                  |     |
| 31   | C24810        | Decal - Grease 100 Hours (Not Shown).....                                                  | 2   |
| 32   | S71923        | Support - Wing Lift Roller .....                                                           | 16  |
| 33   | S-1175        | Bolt - 3/4 x 4 1/2 Lg.....                                                                 | 16  |
| 34   | D-5273        | Locknut - 3/4 Uunitorque.....                                                              | 16  |
| 35   | F-3405        | Locknut - 1/2 Uunitorque.....                                                              | 2   |
| 36   | 11678         | Bump Stop .....                                                                            | 2   |
| 37   | S-1925        | Washer - 17/32 ID x 1 OD x 13 GA .....                                                     | 2   |
| 38   | W-486         | Bolt - 1/2 x 1 1/2 Lg.....                                                                 | 2   |



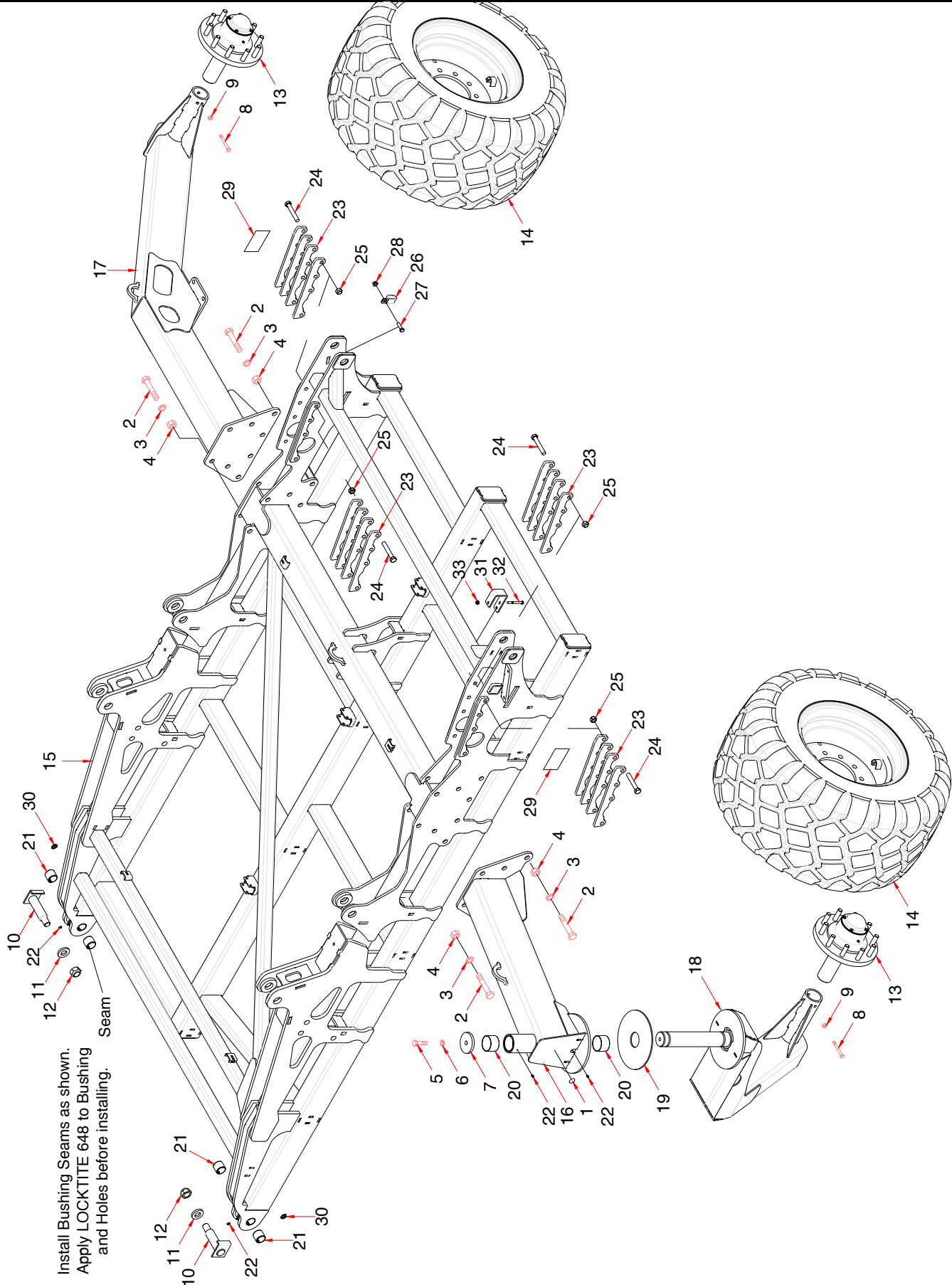
# Frame - Wing 70 ft - 21m - Outer Wing



# Frame - Wing - 70 ft - 21m - Outer Wing

| Item | Part No.      | Description                                                                                | Qty |
|------|---------------|--------------------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                           |     |
| 1    | J12344        | Hex Bolt - 1 x 3 Lg (Prior to 2022).....                                                   | 4   |
|      | D12903        | Hex Bolt - 1 x 7 Lg ( <b>From 2022 to Present</b> ) .....                                  | 4   |
| 2    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                                   | 12  |
| 3    | C-705         | Lockwasher - 1.....                                                                        | 16  |
| 4    | W-520         | Hex Nut - 1.....                                                                           | 16  |
| 5    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                                 | 1   |
| 6    | W-527         | Lockwasher - 3/4.....                                                                      | 1   |
| 7    | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                                                        | 1   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                                 | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque .....                                                             | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                                | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                              | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                                                           | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                                                             | 2   |
|      | S64970        | Axle and Spindle Assembly - Prior to Serial Number QT70210794                              |     |
| 14   | S68660        | Tire and Rim Assembly - <b>By-Directional (From 2021 to Present)</b> .....                 | 2   |
| 14A  | K65091        | Tire Rim Assembly - <b>Right</b> (Shown) use on left side of machine (Prior to 2021) ..... | 2   |
|      | K65090        | Tire Rim Assembly - <b>Left</b> (Not Shown) use on right side of machine (Prior to 2021)   |     |
| 15   | S64270        | Wing Outer - Left.....                                                                     | 1   |
|      | S64260        | Wing Outer - Right (Not Shown) .....                                                       | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20 and 22).....                                           | 1   |
| 17   | S66474        | Rear Depth Beam - Left.....                                                                | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                                   | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                                                 | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                                                    | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                             | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                                                  | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                                 | 4   |
| 22   | S-752         | Grease Nipple .....                                                                        | 4   |
| 23   | C24810        | Decal - Grease 100 Hours.....                                                              | 2   |
| 24   | C25809        | Decal - Grease 50 Hours .....                                                              | 1   |

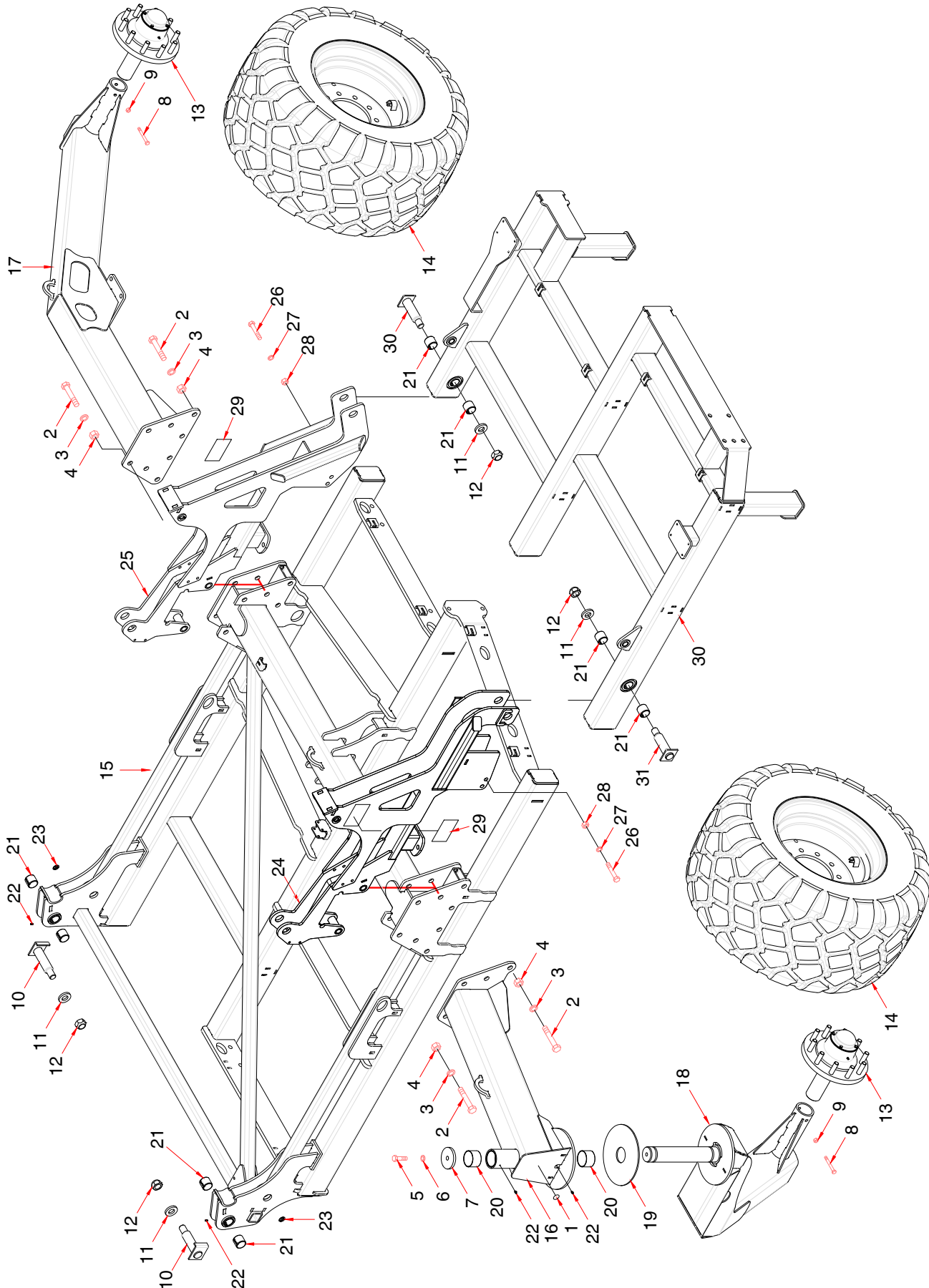
# Frame - Wing 80 ft - 24m - Inner Wing



# Frame - Wing - 80 ft - 24m - Inner Wing

| Item | Part No.      | Description                                                                      | Qty |
|------|---------------|----------------------------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                                                 |     |
| 1    | C25809        | Decal - Grease 50 Hours .....                                                    | 1   |
| 2    | D12903        | Hex Bolt - 1 x 7 Lg.....                                                         | 16  |
| 3    | C-705         | Lockwasher - 1 .....                                                             | 16  |
| 4    | W-520         | Hex Nut - 1 .....                                                                | 16  |
| 5    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                                       | 1   |
| 6    | W-527         | Lockwasher - 3/4.....                                                            | 1   |
| 7    | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                                              | 1   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                                       | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque .....                                                   | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                                      | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                                    | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                                                 | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                                                   | 2   |
| 14   | S68660        | Tire and Rim Assembly .....                                                      | 2   |
| 15   | S64961        | Wing Inner - Left.....                                                           | 1   |
|      | S64963        | Wing Inner - Right (Not Shown) .....                                             | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20, 22 and 30).....                             | 1   |
| 17   | S66474        | Rear Depth Beam - Left .....                                                     | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                                         | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                                       | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                                          | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....                                   | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                                        | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                       | 4   |
| 22   | S-752         | Grease Nipple .....                                                              | 4   |
| 23   | S71923        | Support - Wing Lift Roller .....                                                 | 16  |
| 24   | S-1175        | Bolt - 3/4 x 4 1/2 Lg.....                                                       | 16  |
| 25   | D-5273        | Locknut - 3/4 Unitorque.....                                                     | 16  |
| 26   | S68415        | Hose Holder .....                                                                | 2   |
| 27   | W-475         | Hex Bolt - 3/8 x 1 Lg.....                                                       | 2   |
| 28   | D-5279        | Locknut - 3/8 Serrated.....                                                      | 2   |
| 29   | S65153        | Decal - Danger: Crushing Hazard .....                                            | 2   |
| 30   | C24810        | Decal - Grease 100 Hours.....                                                    | 2   |
| 31   | S72949        | Bracket Hydraulic Hoses (Left side shown. Mounts to the back on Right side)..... | 1   |
| 32   | W-481         | Hex Bolt - 3/8 x 3 1/2 Lg.....                                                   | 1   |
| 33   | S27987        | Lock Nut - 3/8 Flanged.....                                                      | 1   |

# Frame - Wing 80 ft - 24m - Outer Wing

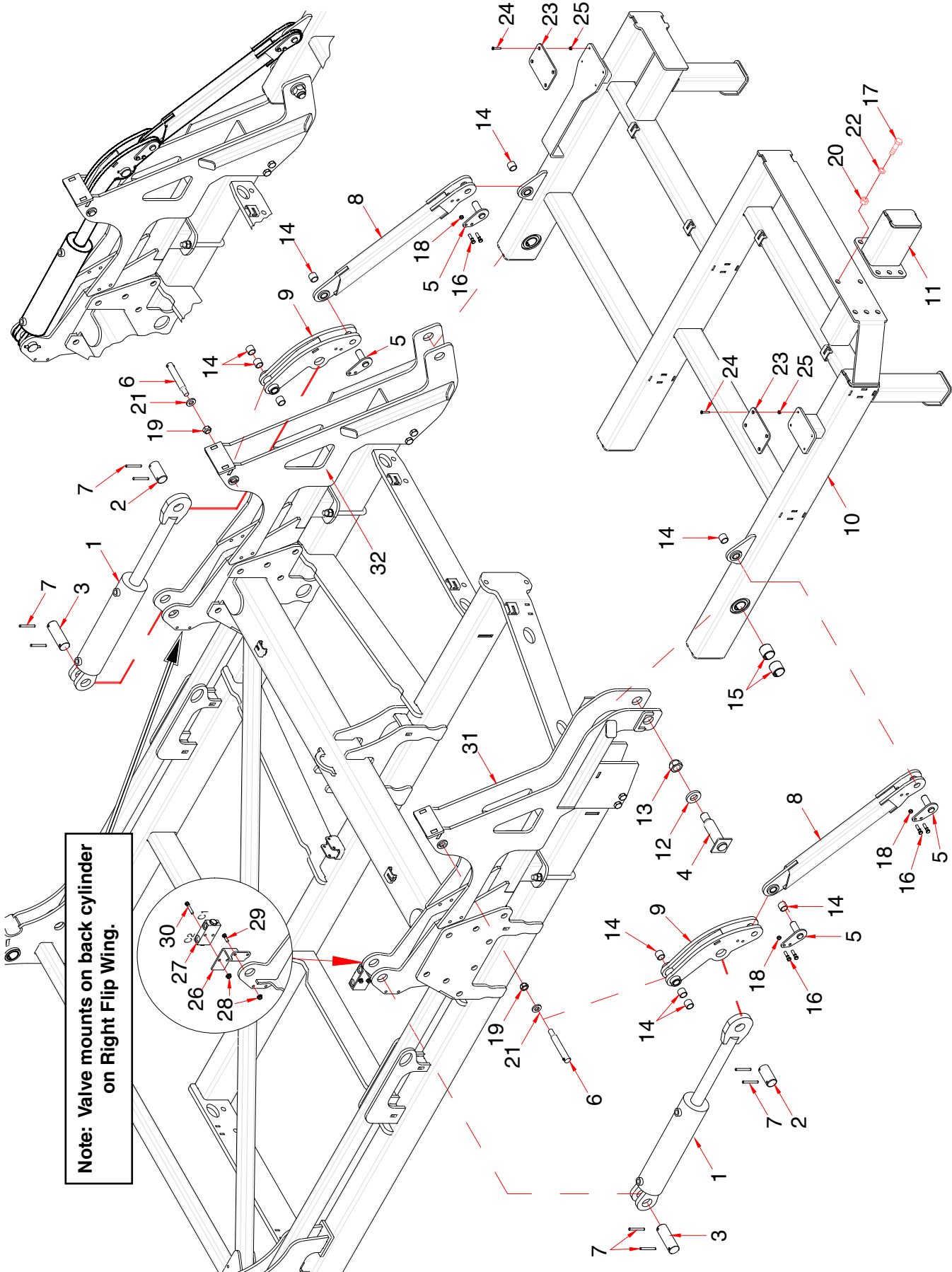


## Frame - Wing - 80 ft - 24m - Outer Wing

| Item | Part No.      | Description                                                | Qty |
|------|---------------|------------------------------------------------------------|-----|
|      |               | <b>Quantities given per Wing</b>                           |     |
| 1    | C25809        | Decal - Grease 50 Hours .....                              | 1   |
| 2    | D12903        | Hex Bolt - 1 x 7 Lg.....                                   | 16  |
| 3    | C-705         | Lockwasher - 1 .....                                       | 16  |
| 4    | W-520         | Hex Nut - 1 .....                                          | 16  |
| 5    | C-695         | Hex Bolt - 3/4 x 2 Lg.....                                 | 1   |
| 6    | W-527         | Lockwasher - 3/4.....                                      | 1   |
| 7    | S64303        | Cap - Castor Wing - 4 1/4 Dia .....                        | 1   |
| 8    | S-951         | Bolt - 1/2 x 4 1/2 Lg.....                                 | 2   |
| 9    | F-3405        | Lock Nut - 1/2 Unitorque .....                             | 2   |
| 10   | S64305        | Pin - 1 3/4 x 5 1/2 Lg.....                                | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....              | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                           | 2   |
| 13   | <b>S72080</b> | Hub and Spindle Assembly .....                             | 2   |
| 14   | S68660        | Tire and Rim Assembly - <b>By-Directional</b> .....        | 2   |
| 15   | S72480        | Wing Outer - Left.....                                     | 1   |
|      | S72485        | Wing Outer - Right (Not Shown) .....                       | 1   |
| 16   | S64335        | Front Depth Beam (Includes items 20 and 22).....           | 1   |
| 17   | S66474        | Rear Depth Beam - Left .....                               | 1   |
|      | S66476        | Rear Depth Beam - Right (Not Shown).....                   | 1   |
| 18   | S66295        | Castor - Wing - Left .....                                 | 1   |
|      | S66297        | Castor - Wing - Right (Not Shown) .....                    | 1   |
| 19   | S64210        | Wear Disc - 3 1/16 ID x 12 OD x 1/4 Thick.....             | 1   |
| 20   | S64944        | Bushing - 3.00 ID x 3.188 OD x 2 Lg .....                  | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size..... | 4   |
| 22   | S-752         | Grease Nipple .....                                        | 4   |
| 23   | C24810        | Decal - Grease 100 Hours.....                              | 2   |
| 24   | S72640        | Mount Flipwing - Front - 12 inch spacing (Shown) .....     | 1   |
|      | S72650        | Mount Flipwing - Front - 10 inch spacing.....              | 1   |
| 25   | S72650        | Mount Flipwing - Back.....                                 | 1   |
| 26   | D-5558        | Bolt - 3/4 x 6 Lg.....                                     | 4   |
| 27   | W-527         | Lockwasher - 3/4.....                                      | 4   |
| 28   | W-518         | Hex Nut - 3/4 .....                                        | 4   |
| 29   | S65153        | Decal - Danger: Crushing Hazard .....                      | 2   |
|      |               | <b>Flip Wing</b>                                           |     |
| 30   | S72655        | Flip Wing - Left .....                                     | 1   |
|      | S72660        | Flip Wing - Right (Not Shown).....                         | 1   |
| 31   | S72970        | Pin - 1 3/4 x 5 UL 6 15/16 LG.....                         | 2   |
| 11   | S26462        | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....              | 2   |
| 12   | S39780        | Lock Nut - 1 1/4 Unitorque .....                           | 2   |
| 21   | S64325        | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size..... | 4   |



# Frame - Wing 80 ft - 24m - Flip Wing

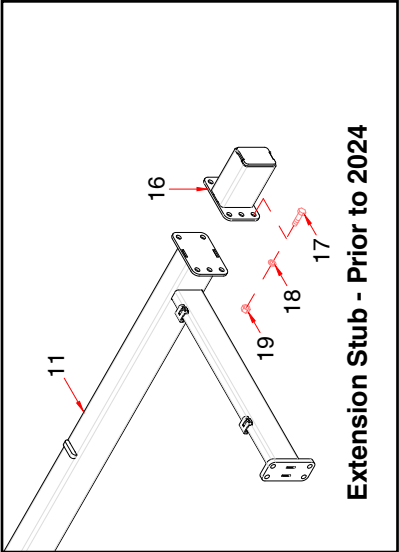




# Frame - Wing - 80 ft - 24m - Flip Wing

| Item | Part No. | Description                                                      | Qty |
|------|----------|------------------------------------------------------------------|-----|
|      |          | <b>Quantities given per Wing</b>                                 |     |
| 1    | C72344   | Cylinder - 4 1/2 x 18 .....                                      | 2   |
| 2    | S72683   | Pin - 1 3/4 x 2 9/16 UL .....                                    | 2   |
| 3    | S72684   | Pin - 1 3/4 x 4 3/16 UL .....                                    | 2   |
| 4    | S72970   | Pin - 1 3/4 x 5 UL (6 15/16 LG) .....                            | 2   |
| 5    | S72680   | Pin - 1 x 2 9/16 UL .....                                        | 4   |
| 6    | S69573   | Pin - Chrome - 1 Dia x 5 1/16 UL (Includes W21776 Roll Pin)..... | 2   |
| 7    | K-3832   | Spiral Pin - 3/8 x 2 1/2 Lg.....                                 | 8   |
| 8    | S72670   | Wing Lift Link .....                                             | 2   |
| 9    | S72675   | Wing Lift Link .....                                             | 2   |
| 10   | S72655   | Flip Wing - Left .....                                           | 1   |
|      | S72660   | Flip Wing - Right (Not Shown).....                               | 1   |
| 11   | S72638   | Extension Stub - 80 ft only (Not used on 24m) .....              | 1   |
| 12   | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                    | 2   |
| 13   | S39780   | Lock Nut - 1 1/4 Unitorque .....                                 | 2   |
| 14   | S72410   | Bushing - 1 ID x 1 1/4 OD x 1 Lg Nominal size.....               | 10  |
| 15   | S64325   | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....       | 4   |
| 16   | W-477    | Hex Bolt - 3/8 x 1 1/2 Lg.....                                   | 8   |
| 17   | C-695    | Hex Bolt - 3/4 x 2 Lg.....                                       | 5   |
| 18   | M-3388   | Lock Nut - 3/8.....                                              | 8   |
| 19   | D-5275   | Lock Nut - 3/4 Nylon Insert .....                                | 2   |
| 20   | W-518    | Hex Nut - 3/4 .....                                              | 5   |
| 21   | W-476    | Washer - 13/16 ID x 1.469 OD x .134 Thick.....                   | 2   |
| 22   | W-527    | Lockwasher - 3/4.....                                            | 5   |
| 23   | S64416   | Wear Pad .....                                                   | 2   |
| 24   | C32741   | Hex Socket Countersunk Screw - 1/4 x 1 Lg.....                   | 8   |
| 25   | N15757   | Lock Nut - 1/4 - 20 UNC.....                                     | 8   |
| 26   | S72948   | Valve Mount.....                                                 | 1   |
| 27   | K68627   | Valve.....                                                       | 1   |
| 28   | D-5279   | Locknut - 3/8 Flanged .....                                      | 2   |
| 29   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                   | 2   |
| 30   | W-478    | Hex Bolt - 3/8 x 2 Lg.....                                       | 2   |
| 31   | S72640   | Mount Flipwing - Front - 12 inch spacing (Shown) .....           | 1   |
|      | S72650   | Mount Flipwing - Front - 10 inch spacing.....                    | 1   |
| 32   | S72650   | Mount Flipwing - Back.....                                       | 1   |

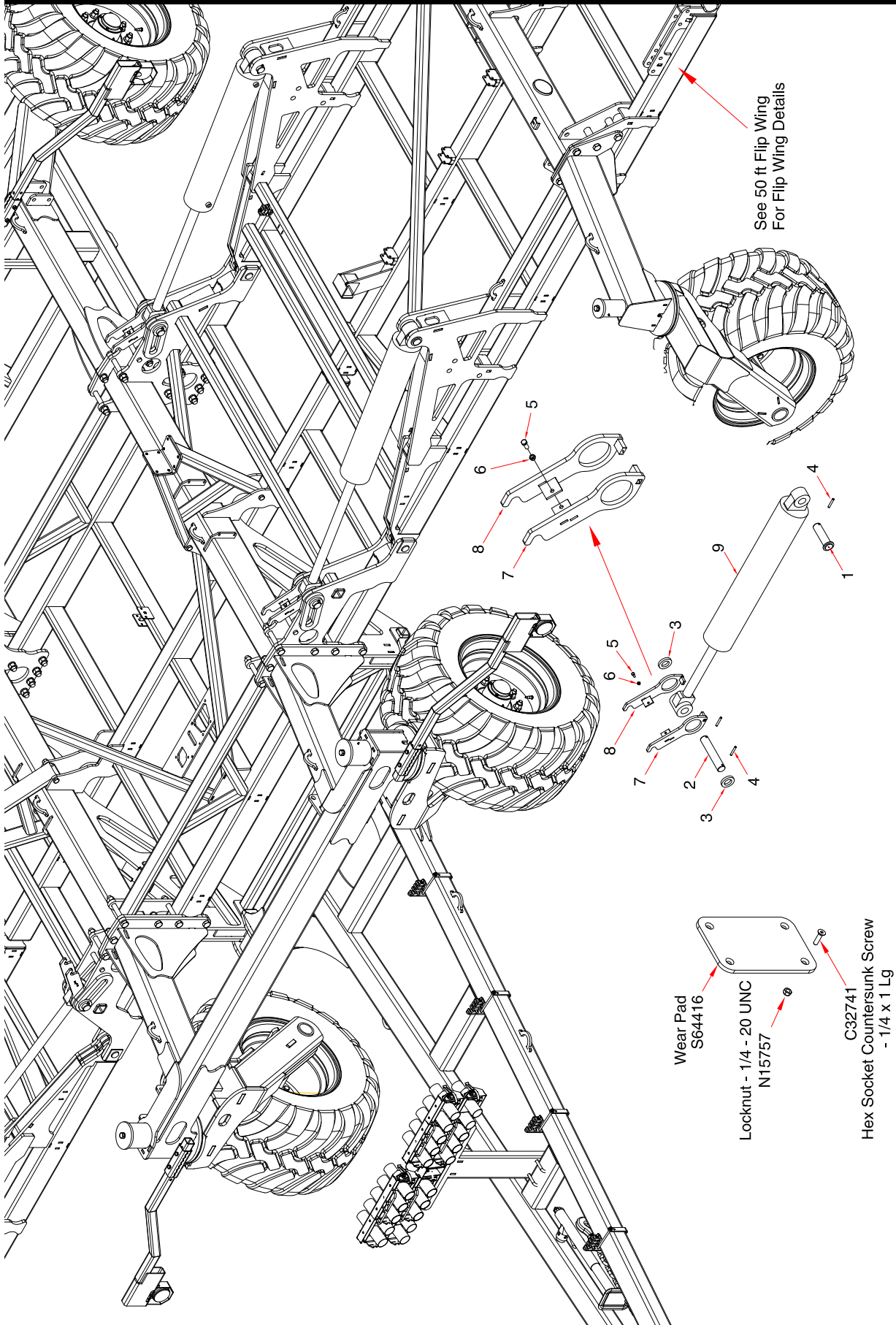
**Frame - Wing**  
**80 ft - 24m - 4th Row**



# 80 ft - 24m - 4th Row

| Item                                                                     | Part No. | Description                                                | Qty |
|--------------------------------------------------------------------------|----------|------------------------------------------------------------|-----|
| 1                                                                        | S64305   | Pin - 1 3/4 x 5 1/2 Lg.....                                | 4   |
| 2                                                                        | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....              | 4   |
| 3                                                                        | S39780   | Lock Nut - 1 1/4 Unitorque .....                           | 4   |
| 4                                                                        | S64325   | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size..... | 8   |
| 5                                                                        | C26955   | U-Bolt - 3/4 x 4 x 8 UL.....                               | 12  |
| 6                                                                        | S64958   | U-Bolt - 3/4 x 6 1/16 x 6 1/4 UL.....                      | 24  |
| 7                                                                        | W-527    | Lockwasher - 3/4.....                                      | 62  |
| 8                                                                        | W-518    | Hex Nut - 3/4.....                                         | 62  |
| 9                                                                        | S72470   | Draft Beam - Main .....                                    | 2   |
| 10                                                                       | S65778   | Draft Beam - Inner Left.....                               | 1   |
| 10A                                                                      | S65780   | Draft Beam - Inner Right .....                             | 1   |
| 11                                                                       | S72840   | Draft Beam - Outer Left.....                               | 1   |
| 11A                                                                      | S72835   | Draft Beam - Outer Right.....                              | 1   |
| 12                                                                       | S72842   | Extension Stub - 4th Row - 10 inch spacing only .....      | 2   |
| 13                                                                       | S-1189   | Hex Bolt - 1/2 x 1 3/4 Lg.....                             | 8   |
| 14                                                                       | W-525    | Lockwasher - 1/2.....                                      | 8   |
| 15                                                                       | W-516    | Hex Nut - 1/2.....                                         | 8   |
| 4th Row Kit - 80 ft (Includes all above items) Order through Whole Goods |          |                                                            |     |
| <b>Extension Stub - Prior to 2024</b>                                    |          |                                                            |     |
| 16                                                                       | S72638   | Extension Stub - Flipwing - 10 inch spacing only .....     | 2   |
| 17                                                                       | C-695    | Hex Bolt - 3/4 x 2 Lg.....                                 | 10  |
| 18                                                                       | W-527    | Lockwasher - 3/4.....                                      | 10  |
| 19                                                                       | W-518    | Hex Nut - 3/4.....                                         | 10  |

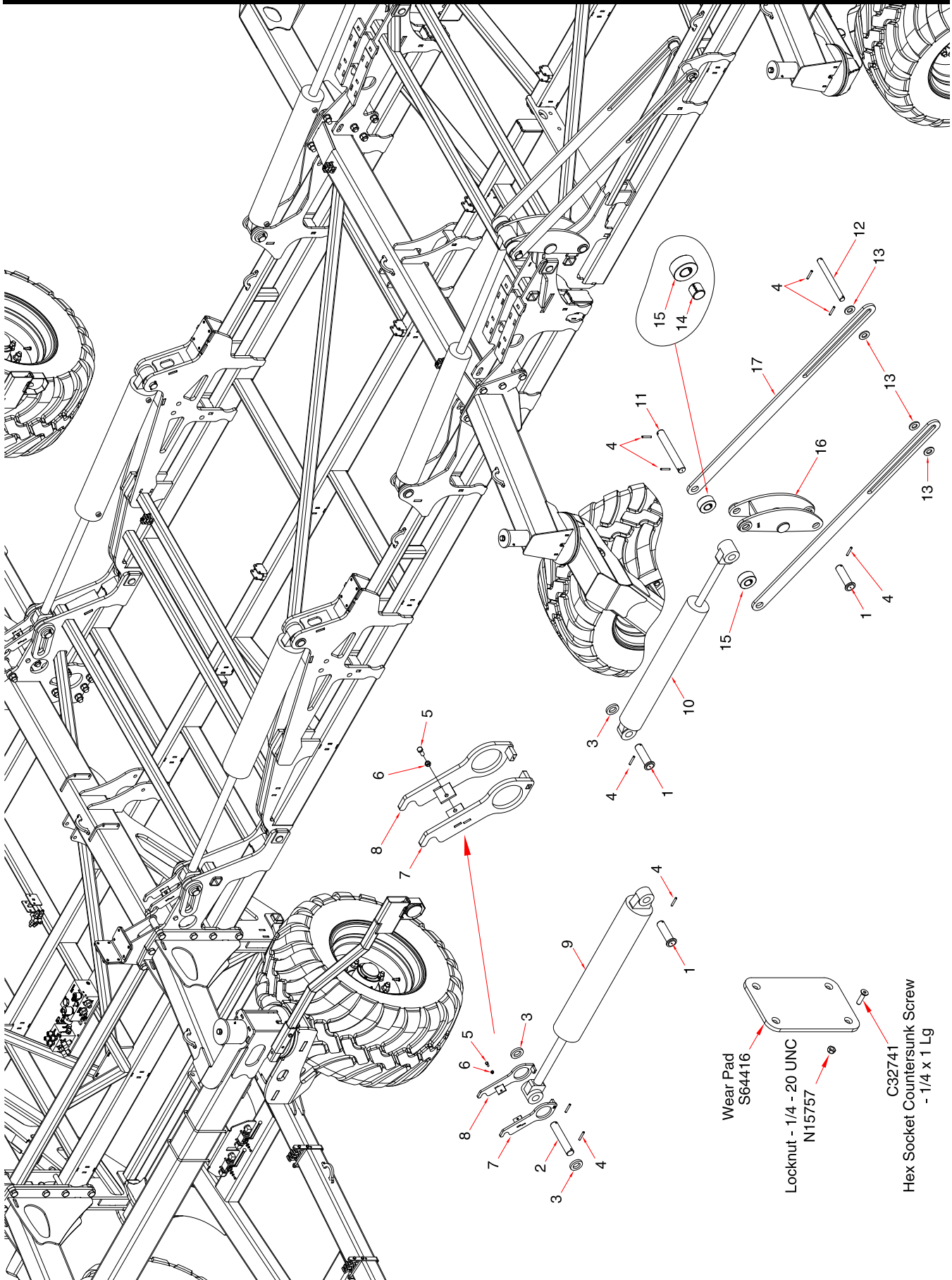
# Wing Lift 40 ft and 50 ft - 12m and 15m



# Wing Lift - 40 ft and 50 ft - 12m and 15m

| Item | Part No. | Description                                | Qty |
|------|----------|--------------------------------------------|-----|
|      |          | <b>Quantities given per Wing</b>           |     |
| 1    | S64912   | Pin - 1 3/4 x 5 5/8 UL .....               | 2   |
| 2    | S64316   | Pin - 1 3/4 x 8 5/8 Hole Centers .....     | 2   |
| 3    | S64327   | Washer - 1.781 ID x 3 OD x 1/2 Thick ..... | 4   |
| 4    | T-5245   | Spiral Pin - 3/8 x 2 1/2 Lg.....           | 6   |
| 5    | W-475    | Hex Bolt - 3/8 x 1 Lg.....                 | 2   |
| 6    | M-3388   | Locknut - 3/8 Unitorque.....               | 2   |
| 7    | S64905   | Wing Cylinder Lock - Left.....             | 2   |
| 8    | S64910   | Wing Cylinder Lock - Right.....            | 2   |
| 9    | C64930   | Cylinder - 5 x 36.....                     | 2   |
|      | C64920   | Cylinder - 6 x 36 - Prior to November 2018 |     |

# Wing Lift 60 ft and 70 ft - 18m and 21m - Prior to 2022





## Wing Lift - 60 ft and 70 ft - 18m and 21m - Prior to 2022

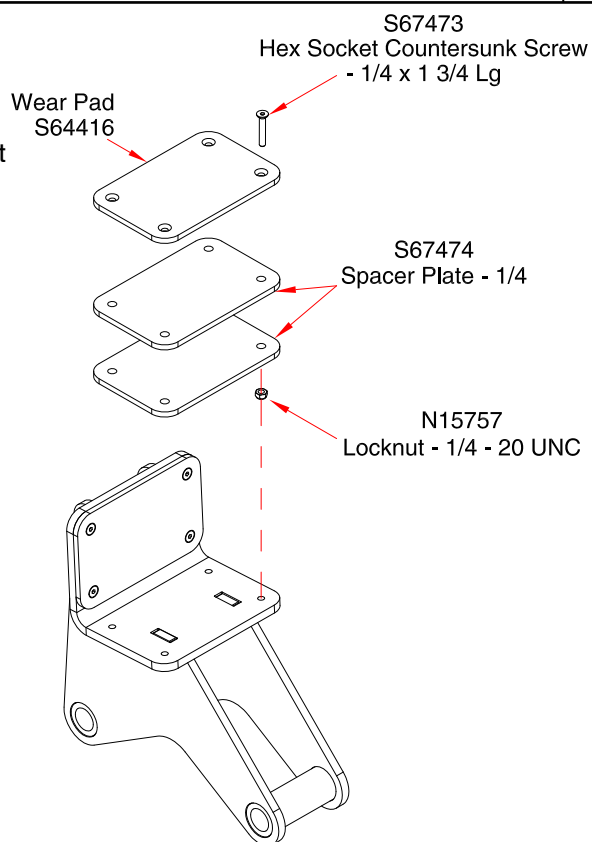
| Item                             | Part No. | Description                                                                     | Qty |
|----------------------------------|----------|---------------------------------------------------------------------------------|-----|
| <b>Quantities given per Wing</b> |          |                                                                                 |     |
| 1                                | S64912   | Pin - 1 3/4 x 5 5/8 UL .....                                                    | 4   |
| 2                                | S64316   | Pin - 1 3/4 x 8 5/8 Hole Centers .....                                          | 2   |
| 3                                | S64327   | Washer - 1.781 ID x 3 OD x 1/2 Thick .....                                      | 6   |
| 4                                | T-5245   | Spiral Pin - 3/8 x 2 1/2 Lg.....                                                | 18  |
| 5                                | W-475    | Hex Bolt - 3/8 x 1 Lg.....                                                      | 2   |
| 6                                | M-3388   | Locknut - 3/8 Unitorque.....                                                    | 2   |
| 7                                | S64905   | Wing Cylinder Lock - Left.....                                                  | 2   |
| 8                                | S64910   | Wing Cylinder Lock - Right.....                                                 | 2   |
| 9                                | C64920   | Cylinder - 6 x 36.....                                                          | 2   |
| 10                               | C64930   | Cylinder - 5 x 36.....                                                          | 2   |
| 11                               | S64918   | Pin - 1 3/4 x 11 5/8 Hole Centers .....                                         | 2   |
| 12                               | S64314   | Pin - 1 1/4 x 12 1/4 Hole Centers .....                                         | 2   |
| 13                               | N13962   | Washer - 1 9/32 ID x 2 1/2 OD x 1/4 Thick.....                                  | 8   |
| 14                               | S64325   | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....                      | 4   |
| 15                               | S64909   | Roller - 1.746 ID x 4 OD x 1 3/4 Wide (Includes Item 14) .....                  | 4   |
| 16                               | S64914   | Link - Outer Wing (5/8 Side Plates).....                                        | 2   |
| 17                               | S64959   | Strap - Lift - 55 Lg - 60 ft .....                                              | 4   |
|                                  | S64911   | Strap - Lift - 65 Lg - 70 ft .....                                              | 4   |
|                                  | S67475   | Kit - Wing Rest Spacer Plate (Includes 2 of S67474, and 4 of S67473 and N15757) |     |

### Wing Rest Spacer Plate Kit

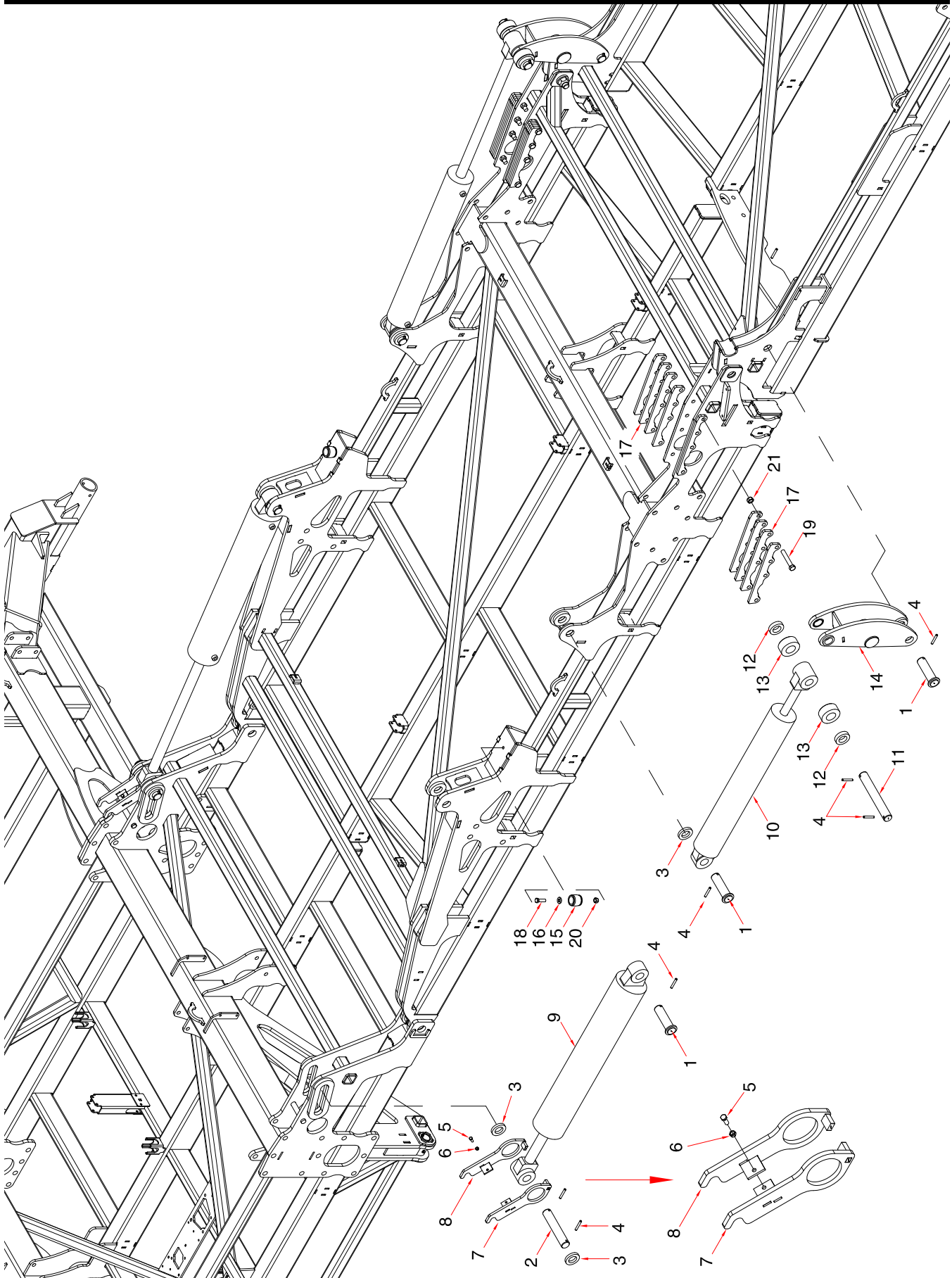
Four S67475 Spacer Plate Kits are provided to adjust wear pad height to ensure outer wings rests on pad.

Kit S67475 includes:

- 4 of N15757 Locknut - 1/4 - 20 UNC
- 4 of S67473 Countersunk Screw - 1/4 x 1 3/4 Lg
- 2 of S67474 Spacer Plate - 1/4



**Wing Lift**  
**60 ft and 70 ft - 18m and 21m - 2022 to Present**



## Wing Lift - 60 ft and 70 ft - 18m and 21m - 2022 to Present

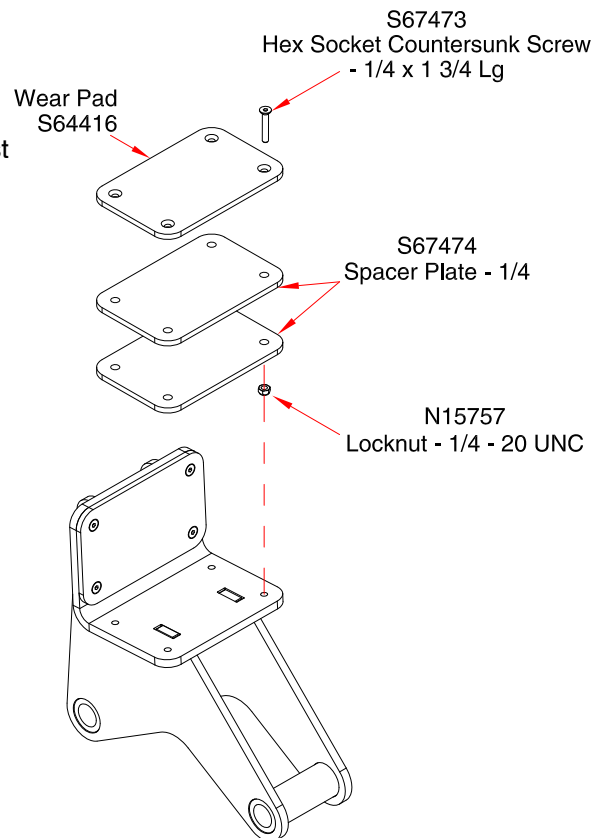
| Item                             | Part No. | Description                                                                     | Qty |
|----------------------------------|----------|---------------------------------------------------------------------------------|-----|
| <b>Quantities given per Wing</b> |          |                                                                                 |     |
| 1                                | S64912   | Pin - 1 3/4 x 5 5/8 UL .....                                                    | 4   |
| 2                                | S64316   | Pin - 1 3/4 x 8 5/8 Hole Centers .....                                          | 2   |
| 3                                | S64327   | Washer - 1.781 ID x 3 OD x 1/2 Thick .....                                      | 6   |
| 4                                | T-5245   | Spiral Pin - 3/8 x 2 1/2 Lg.....                                                | 14  |
| 5                                | W-475    | Hex Bolt - 3/8 x 1 Lg.....                                                      | 2   |
| 6                                | M-3388   | Locknut - 3/8 Unitorque.....                                                    | 2   |
| 7                                | S64905   | Wing Cylinder Lock - Left.....                                                  | 2   |
| 8                                | S64910   | Wing Cylinder Lock - Right.....                                                 | 2   |
| 9                                | C64920   | Cylinder - 6 x 36.....                                                          | 2   |
| 10                               | C64930   | Cylinder - 5 x 36.....                                                          | 2   |
| 11                               | S64918   | Pin - 1 3/4 x 11 5/8 Hole Centers .....                                         | 2   |
| 12                               | S69118   | Washer - 1 25/32 ID x 3 OD x 3/4 Thick.....                                     | 4   |
| 13                               | S69047   | Roller - Nylon - 1.758 ID x 4 OD x 1 3/4 Wide .....                             | 4   |
| 14                               | S68999   | Link - Outer Wing (3/4 Side Plates).....                                        | 2   |
| 15                               | 11678    | Bump Stop .....                                                                 | 2   |
| 16                               | S-1925   | Washer - 17/32 ID x 1 OD x 13 GA .....                                          | 2   |
| 17                               | S71923   | Support - Wing Lift Roller .....                                                | 16  |
| 18                               | W-486    | Bolt - 1/2 x 1 1/2 Lg.....                                                      | 2   |
| 19                               | S-1175   | Bolt - 3/4 x 4 1/2 Lg.....                                                      | 16  |
| 20                               | F-3405   | Locknut - 1/2 Unitorque.....                                                    | 2   |
| 21                               | D-5273   | Locknut - 3/4 Unitorque.....                                                    | 16  |
|                                  | S67475   | Kit - Wing Rest Spacer Plate (Includes 2 of S67474, and 4 of S67473 and N15757) |     |

### Wing Rest Spacer Plate Kit

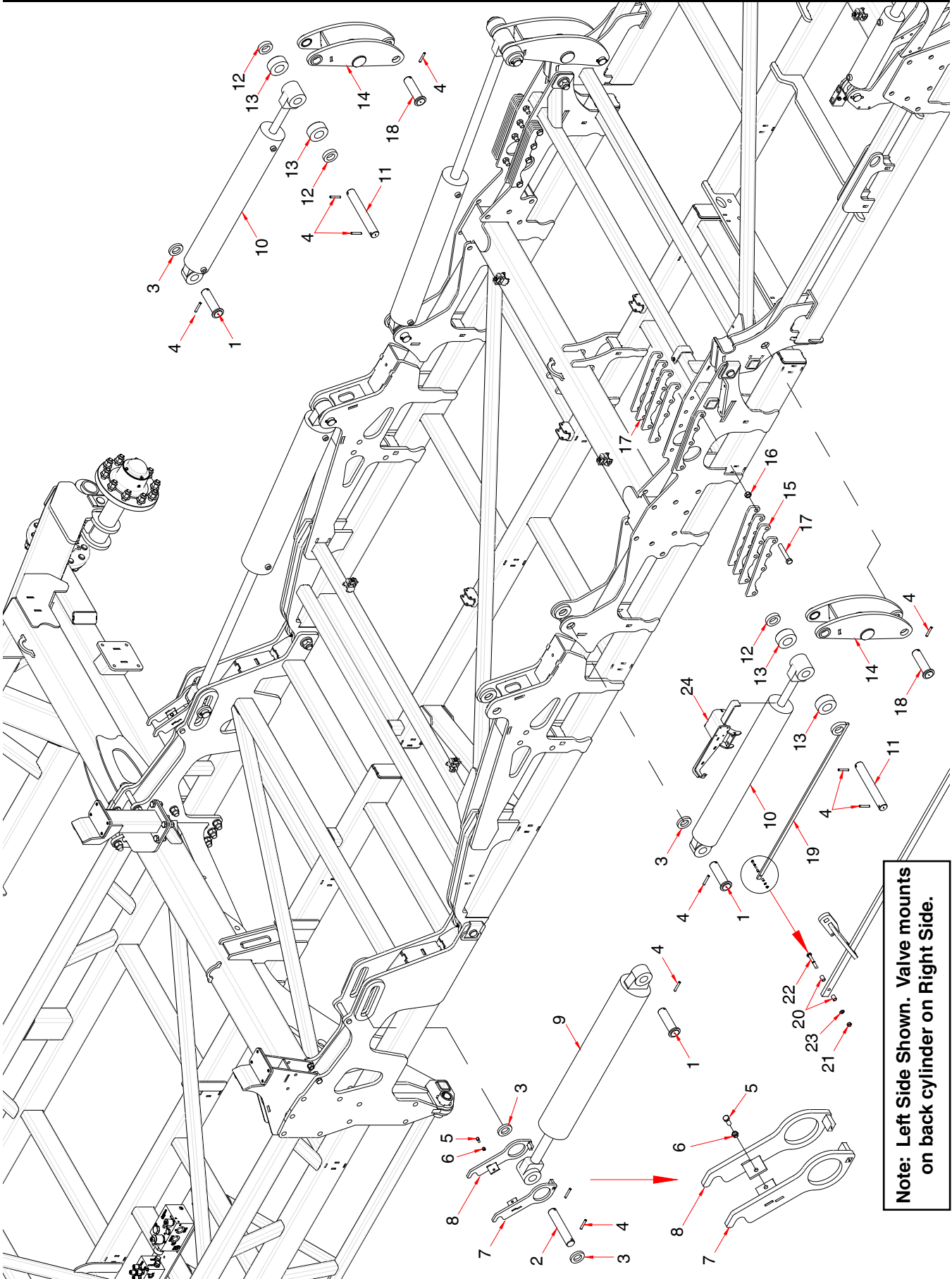
Four S67475 Spacer Plate Kits are provided to adjust wear pad height to ensure outer wings rests on pad.

Kit S67475 includes:

- 4 of N15757 Locknut - 1/4 - 20 UNC
- 4 of S67473 Countersunk Screw - 1/4 x 1 3/4 Lg
- 2 of S67474 Spacer Plate - 1/4



# Wing Lift 80 ft - 24m

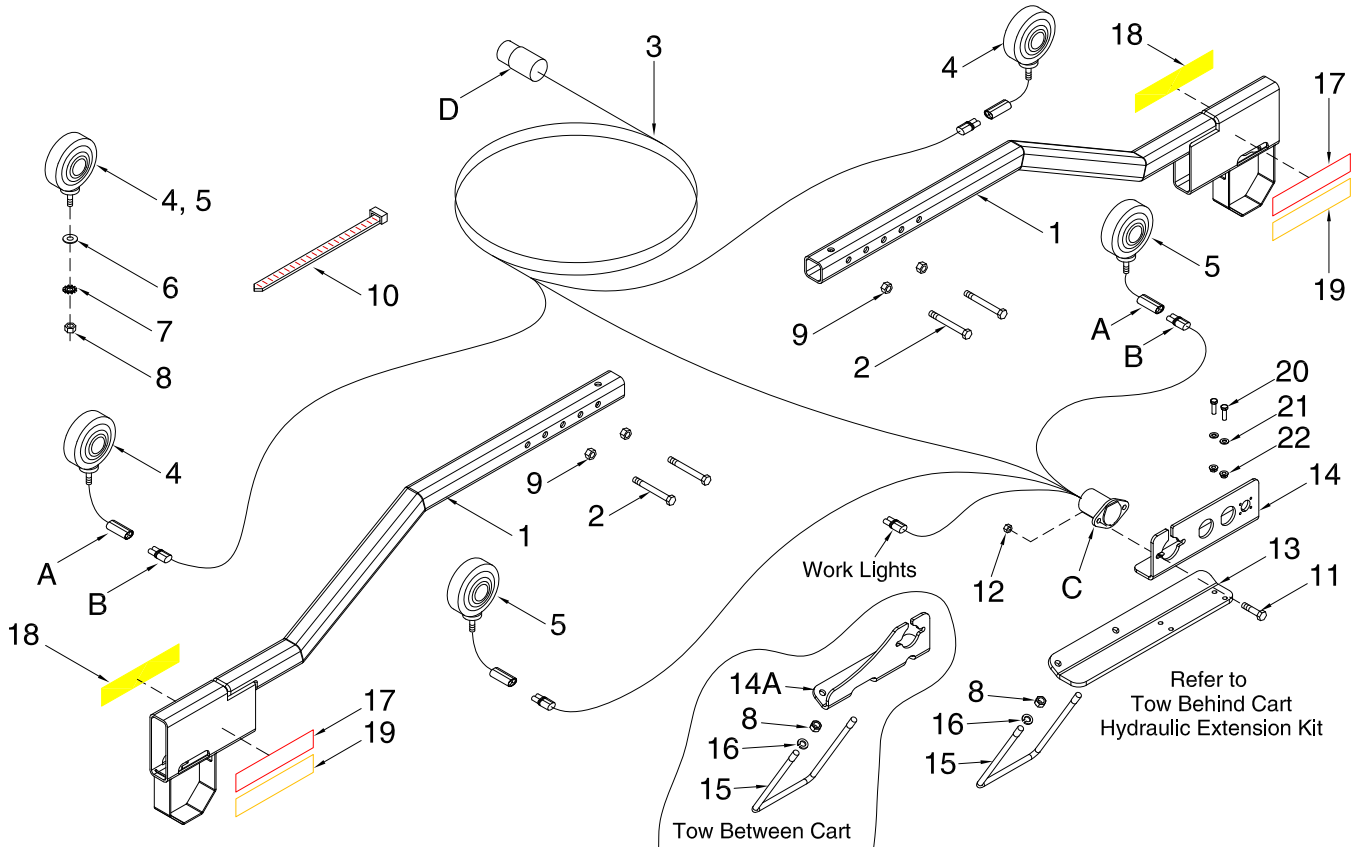


**Note: Left Side Shown. Valve mounts on back cylinder on Right Side.**

## Wing Lift - 80 ft - 24m

| Item | Part No. | Description                                              | Qty |
|------|----------|----------------------------------------------------------|-----|
|      |          | <b>Quantities given per Wing</b>                         |     |
| 1    | S64912   | Pin - 1 3/4 x 5 5/8 UL .....                             | 4   |
| 2    | S64316   | Pin - 1 3/4 x 8 5/8 Hole Centers .....                   | 2   |
| 3    | S64327   | Washer - 1.781 ID x 3 OD x 1/2 Thick .....               | 6   |
| 4    | T-5245   | Spiral Pin - 3/8 x 2 1/2 Lg.....                         | 14  |
| 5    | W-475    | Hex Bolt - 3/8 x 1 Lg.....                               | 2   |
| 6    | M-3388   | Locknut - 3/8 Unitorque.....                             | 2   |
| 7    | S64905   | Wing Cylinder Lock - Left.....                           | 2   |
| 8    | S64910   | Wing Cylinder Lock - Right.....                          | 2   |
| 9    | C64920   | Cylinder - 6 x 36.....                                   | 2   |
| 10   | C64930   | Cylinder - 5 x 36.....                                   | 2   |
| 11   | S64918   | Pin - 1 3/4 x 11 5/8 Hole Centers .....                  | 2   |
| 12   | S69118   | Washer - 1 25/32 ID x 3 OD x 3/4 Thick.....              | 4   |
| 13   | S69047   | Roller - Nylon - 1.758 ID x 4 OD x 1 3/4 Wide .....      | 4   |
| 14   | S72772   | Link - Outer Wing (3/4 Side Plates).....                 | 2   |
| 15   | S71923   | Support - Wing Lift Roller .....                         | 16  |
| 16   | D-5273   | Locknut - 3/4 Unitorque.....                             | 16  |
| 17   | S-1175   | Bolt - 3/4 x 4 1/2 Lg.....                               | 16  |
| 18   | S73108   | Pin - 1 3/4 x 6 1/8 UL .....                             | 2   |
| 19   | S72735   | Actuator Rod - 44 7/8 Lg .. (42 3/8 C-C Distance) .....  | 1   |
| 20   | S72946   | Spacer - 0.277 ID x 3/8 OD x 1/2 Lg.....                 | 2   |
| 21   | N22778   | Lock Nut - 1/4 Nylon Insert .....                        | 1   |
| 22   | C-1471   | Hex Bolt - 1/4 x 1 3/4 Lg.....                           | 1   |
| 23   | W-521    | Lockwasher - 1/4.....                                    | 1   |
| 24   | *****    | Valve Assembly - See Hydraulic Section for details ..... | 1   |

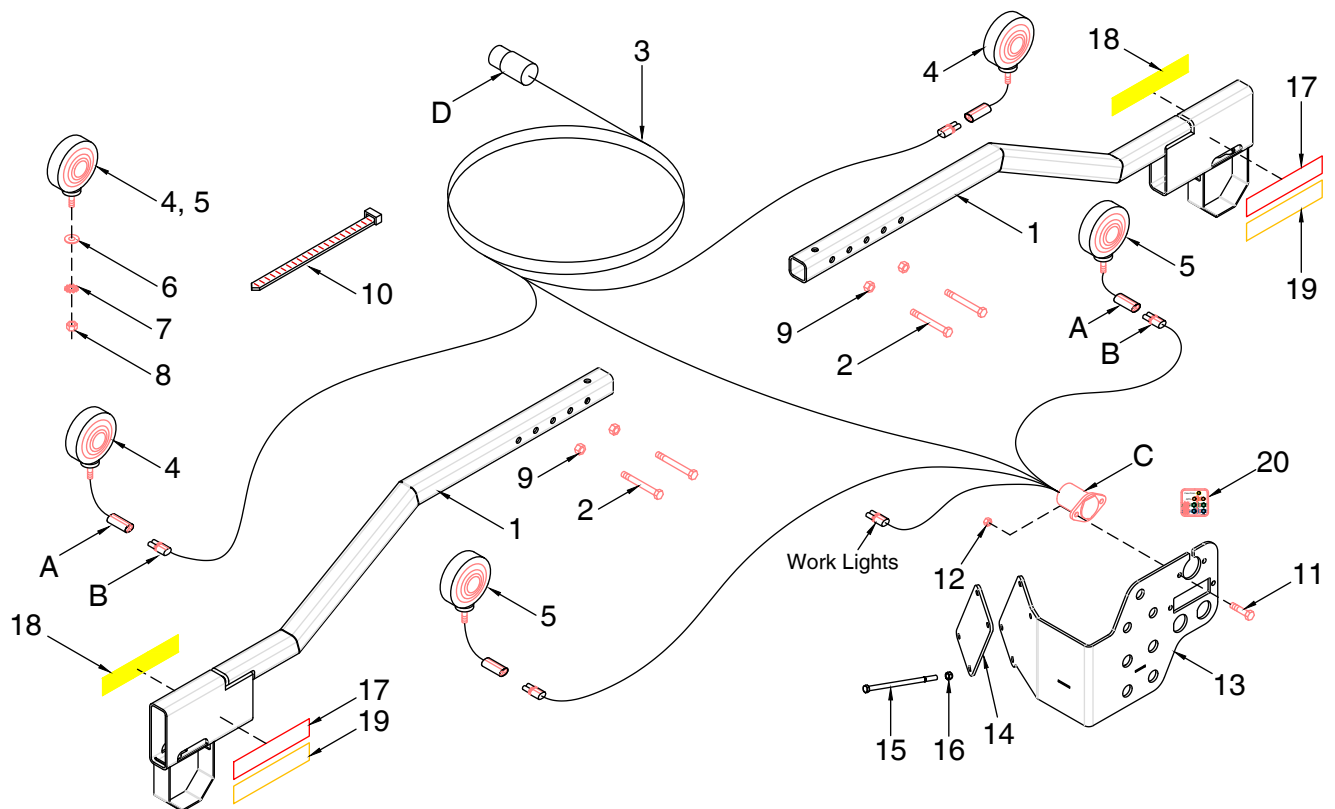
## Lighting and Marking 40 ft to 70 ft - 12m to 21m on 9 Series Cart



| Item | Part No. | Description                                             | Qty |
|------|----------|---------------------------------------------------------|-----|
| 1    | S64900   | Tube - Mounting - Main - Lighting.....                  | 4   |
| 2    | D-5519   | Hex Bolt - 1/2 x 3 1/4.....                             | 8   |
| 3    | S65799   | Wiring Harness - Safety Lights .....                    | 1   |
| 4    | N50365   | Light LED - Amber.....                                  | 2   |
| 5    | N50366   | Light LED - Red .....                                   | 2   |
| 6    | W-539    | Flatwasher - 1/2 .....                                  | 4   |
| 7    | D-5280   | Starwasher - 1/2.....                                   | 4   |
| 8    | W-516    | Hex Nut - 1/2.....                                      | 4   |
| 9    | F-3405   | Locknut - 1/2 Unitorque.....                            | 8   |
| 10   | D-4951   | Nylon Tie Strap - 7 3/8 lg.....                         | 20  |
|      | S13336   | Nylon Tie Strap - 28 1/4 lg.....                        | 10  |
| 11   | N29048   | Hex Head Bolt - 5/16 x 1 lg .....                       | 2   |
| 12   | D-5278   | Serrated Nut - 5/16.....                                | 2   |
| 13   | S65673   | Bracket - Mounting - Tow Behind.....                    | 1   |
| 14   | N64747   | Bracket - Electrical Connector - Tow Behind.....        | 1   |
| 14A  | N67500   | Bracket - Electrical Connector - Tow Between.....       | 1   |
| 15   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL - 40 ft - 70 ft.....   | 1   |
| 16   | W-525    | Lockwasher - 1/2.....                                   | 2   |
| 17   | N34476   | Reflector - Red .....                                   | 2   |
| 18   | N34477   | Reflector - Amber .....                                 | 2   |
| 19   | N34478   | Reflector - Orange.....                                 | 2   |
| 20   | W-472    | Hex Bolt - 5/16 x 1 1/4 Lg - Tow Behind.....            | 2   |
| 21   | D-5488   | Washer - 11/32 ID x 11/16 OD x 16 GA - Tow Behind ..... | 6   |
| 22   | D-5278   | Lock Nut - 5/16 Flange - Tow Behind.....                | 2   |

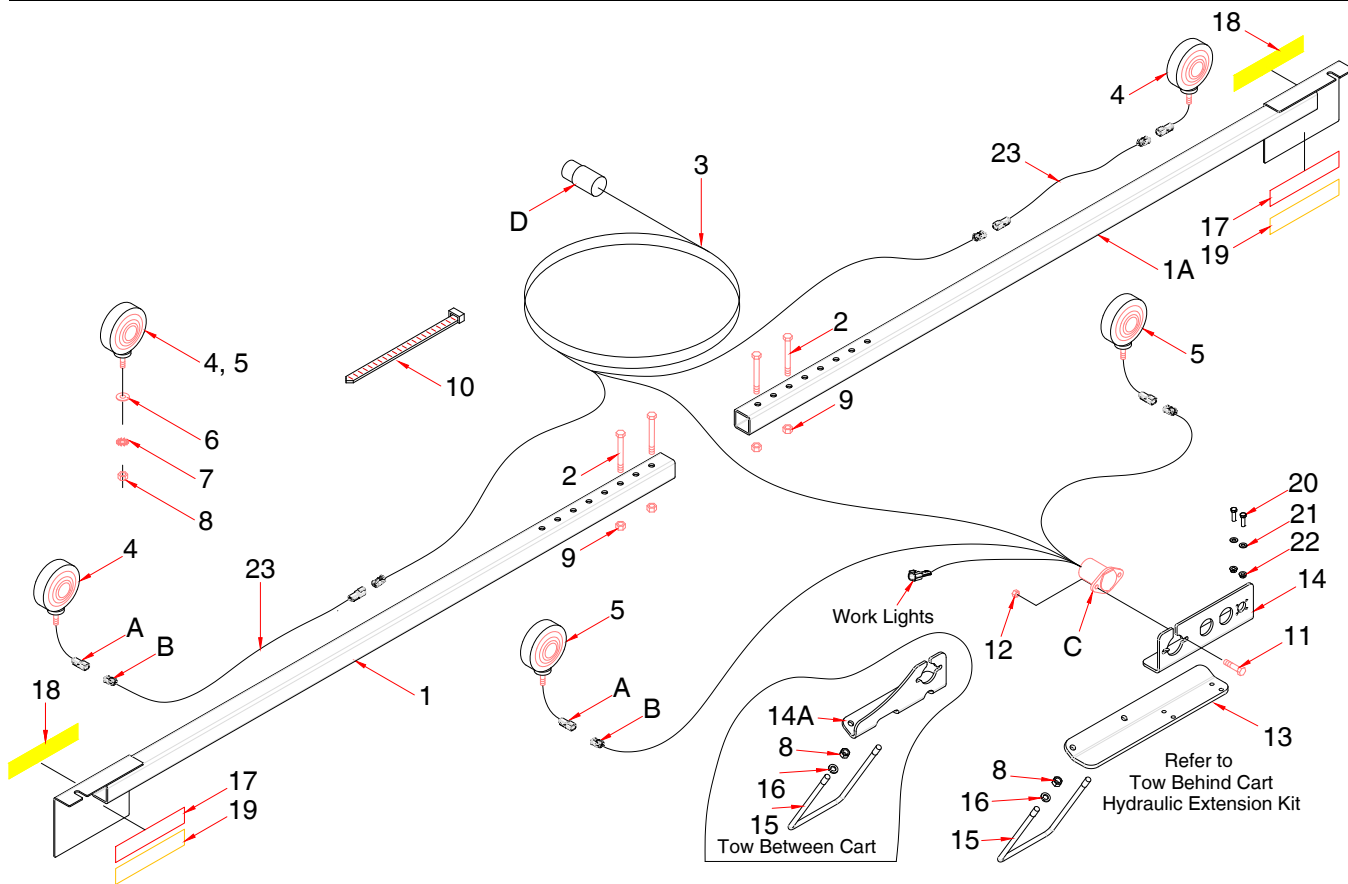


## Lighting and Marking 40 ft to 70 ft - 12m to 21m on 10 Series Cart



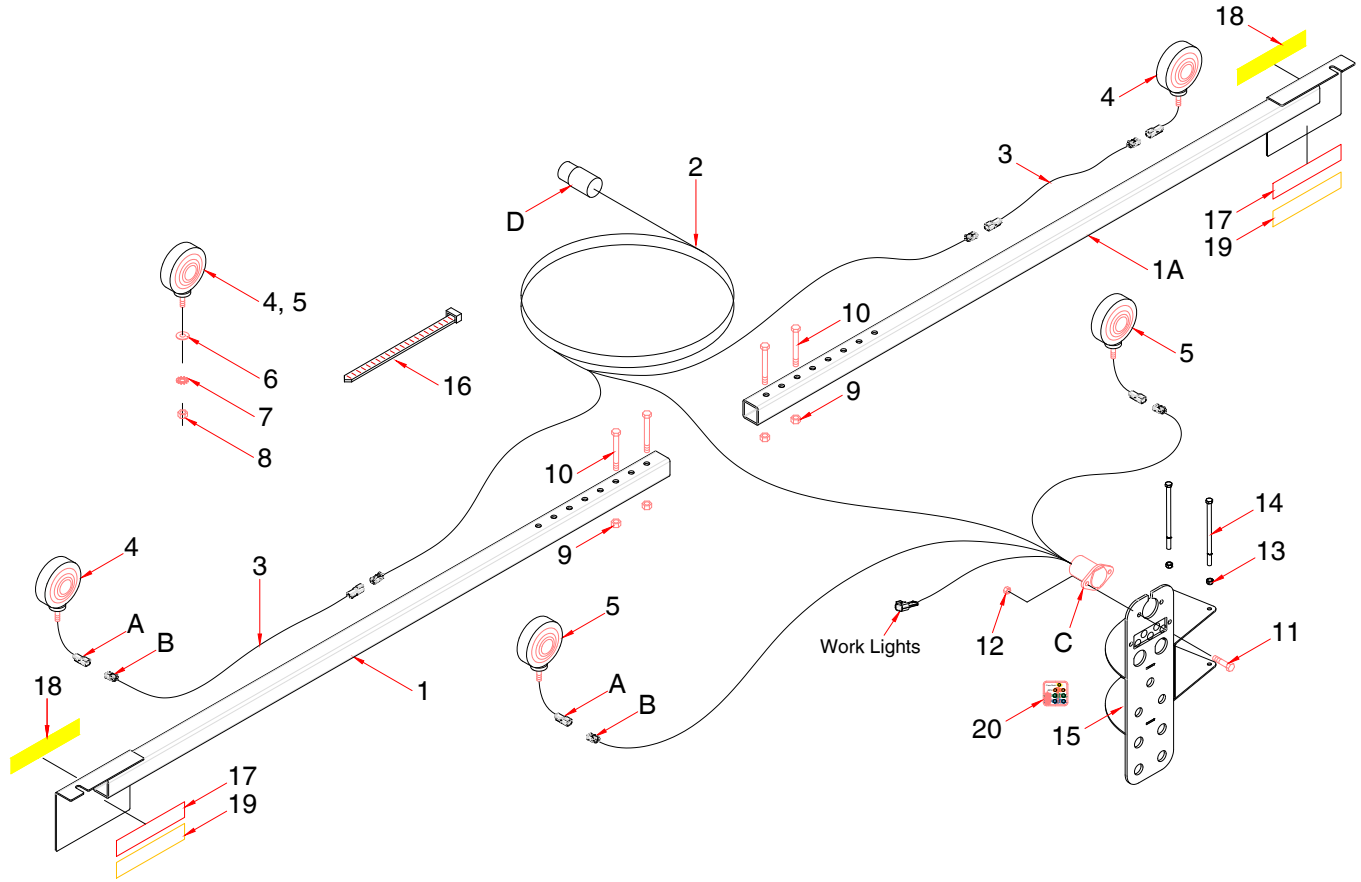
| Item | Part No. | Description                                                      | Qty |
|------|----------|------------------------------------------------------------------|-----|
| 1    | S64900   | Tube - Mounting - Main - Lighting.....                           | 4   |
| 2    | D-5519   | Hex Bolt - 1/2 x 3 1/4.....                                      | 8   |
| 3    | S65799   | Wiring Harness - Safety Lights .....                             | 1   |
| 4    | N50365   | Light LED - Amber.....                                           | 2   |
| 5    | N50366   | Light LED - Red .....                                            | 2   |
| 6    | W-539    | Flatwasher - 1/2 .....                                           | 4   |
| 7    | D-5280   | Starwasher - 1/2.....                                            | 4   |
| 8    | W-516    | Hex Nut - 1/2.....                                               | 4   |
| 9    | F-3405   | Locknut - 1/2 Unitorque.....                                     | 8   |
| 10   | D-4951   | Nylon Tie Strap - 7 3/8 lg.....                                  | 20  |
|      | S13336   | Nylon Tie Strap - 28 1/4 lg.....                                 | 10  |
| 11   | N29048   | Hex Head Bolt - 5/16 x 1 lg .....                                | 2   |
| 12   | D-5278   | Serrated Nut - 5/16.....                                         | 2   |
| 13   | S73724   | Bracket - Bulk Head - Quantum 40 ft to 70 ft.....                | 1   |
| 14   | S73732   | Clamp Plate - Bulk Head - Quantum 40 ft to 70 ft .....           | 1   |
| 15   | N19678   | Hex Bolt - 3/8 x 7 Lg.....                                       | 4   |
| 16   | M-3388   | Locknut - 3/8 .....                                              | 4   |
| 17   | N34476   | Reflector - Red .....                                            | 2   |
| 18   | N34477   | Reflector - Amber .....                                          | 2   |
| 19   | N34478   | Reflector - Orange.....                                          | 2   |
| 20   | N74998   | Decal - Hose Identification - Bulkhead (Locate on Bulkhead)..... | 1   |

## Lighting and Marking 80 ft - 24m on 9 Series Cart



| Item       | Part No.      | Description                                              | Qty      |
|------------|---------------|----------------------------------------------------------|----------|
| 1          | S64900        | Tube - Mounting - Main - Lighting.....                   | 4        |
| 2          | D-5519        | Hex Bolt - 1/2 x 3 1/4.....                              | 8        |
| 3          | S65799        | Wiring Harness - Safety Lights .....                     | 1        |
| 4          | N50365        | Light LED - Amber.....                                   | 2        |
| 5          | N50366        | Light LED - Red .....                                    | 2        |
| 6          | W-539         | Flatwasher - 1/2 .....                                   | 4        |
| 7          | D-5280        | Starwasher - 1/2.....                                    | 4        |
| 8          | W-516         | Hex Nut - 1/2.....                                       | 4        |
| 9          | F-3405        | Locknut - 1/2 Unitorque.....                             | 8        |
| 10         | D-4951        | Nylon Tie Strap - 7 3/8 lg.....                          | 20       |
|            | S13336        | Nylon Tie Strap - 28 1/4 lg.....                         | 10       |
| 11         | N29048        | Hex Head Bolt - 5/16 x 1 lg .....                        | 2        |
| 12         | D-5278        | Serrated Nut - 5/16.....                                 | 2        |
| 13         | S65673        | Bracket - Mounting - Tow Behind.....                     | 1        |
| 14         | N64747        | Bracket - Electrical Connector - Tow Behind.....         | 1        |
| <b>14A</b> | <b>N67500</b> | <b>Bracket - Electrical Connector - Tow Between.....</b> | <b>1</b> |
| 15         | S73828        | U-Bolt - 1/2 x 6 1/16 x 7 3/8 UL - 80 ft.....            | 1        |
| 16         | W-525         | Lockwasher - 1/2.....                                    | 2        |
| 17         | N34476        | Reflector - Red .....                                    | 2        |
| 18         | N34477        | Reflector - Amber .....                                  | 2        |
| 19         | N34478        | Reflector - Orange.....                                  | 2        |
| 20         | W-472         | Hex Bolt - 5/16 x 1 1/4 Lg - Tow Behind.....             | 2        |
| 21         | D-5488        | Washer - 11/32 ID x 11/16 OD x 16 GA - Tow Behind .....  | 6        |
| 22         | D-5278        | Lock Nut - 5/16 Flange - Tow Behind.....                 | 2        |
| 23         | C31439        | Wiring Extension - 2 Pin - 10 ft .....                   | 2        |

## Lighting and Marking 80 ft - 24m on 10 Series Cart



| Item | Part No. | Description                                                      | Qty |
|------|----------|------------------------------------------------------------------|-----|
| 1    | S72700   | Light Bracket - Left .....                                       | 1   |
| 1A   | S73110   | Light Bracket - Right.....                                       | 1   |
| 2    | S65799   | Wiring Harness - Safety Lights .....                             | 1   |
| 3    | C31439   | Wiring Extension - 2 Pin - 10 ft .....                           | 2   |
| 4    | N50365   | Light LED - Amber.....                                           | 2   |
| 5    | N50366   | Light LED - Red .....                                            | 2   |
| 6    | W-539    | Flatwasher - 1/2 .....                                           | 4   |
| 7    | D-5280   | Starwasher - 1/2.....                                            | 4   |
| 8    | W-516    | Hex Nut - 1/2 .....                                              | 4   |
| 9    | F-3405   | Locknut - 1/2 Unitorque.....                                     | 8   |
| 10   | D-5519   | Hex Bolt - 1/2 x 3 1/4.....                                      | 8   |
| 11   | N29048   | Hex Head Bolt - 5/16 x 1 lg .....                                | 2   |
| 12   | D-5278   | Serrated Nut - 5/16.....                                         | 2   |
| 13   | M-3388   | Locknut - 3/8 Nylon Insert.....                                  | 2   |
| 14   | N19678   | Hex Head Bolt - 3/8 x 7 Lg.....                                  | 2   |
| 15   | S69855   | Bracket - Bulk Head - Quantum 80 ft Only .....                   | 1   |
| 16   | D-4951   | Nylon Tie Strap - 7 3/8 lg.....                                  | 20  |
|      | S13336   | Nylon Tie Strap - 28 1/4 lg.....                                 | 10  |
| 17   | N34476   | Reflector - Red .....                                            | 2   |
| 18   | N34477   | Reflector - Amber .....                                          | 2   |
| 19   | N34478   | Reflector - Orange.....                                          | 2   |
| 20   | N74998   | Decal - Hose Identification - Bulkhead (Locate on Bulkhead)..... | 1   |



# Section 2: Wheels

## Section Contents

|                                         |     |
|-----------------------------------------|-----|
| Wheel Assembly .....                    | 2-2 |
| 80 ft Wheel Assembly - Main Frame ..... | 2-3 |
| Hub and Spindle Assembly - S64970 ..... | 2-4 |
| Hub and Spindle Assembly - S72080 ..... | 2-5 |
| Hub and Spindle Assembly - N70874 ..... | 2-6 |

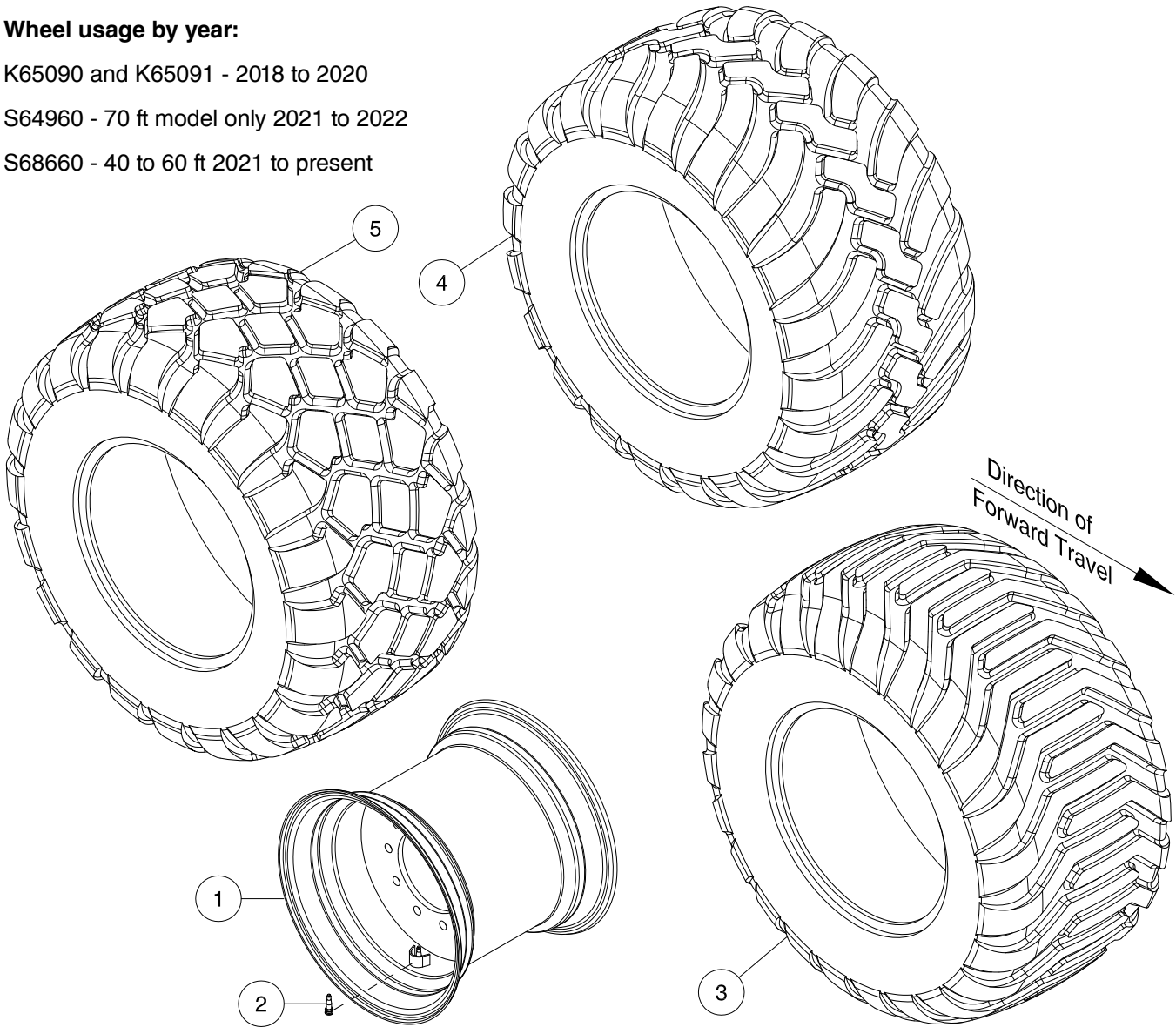
## Wheel Assembly

### Wheel usage by year:

K65090 and K65091 - 2018 to 2020

S64960 - 70 ft model only 2021 to 2022

S68660 - 40 to 60 ft 2021 to present

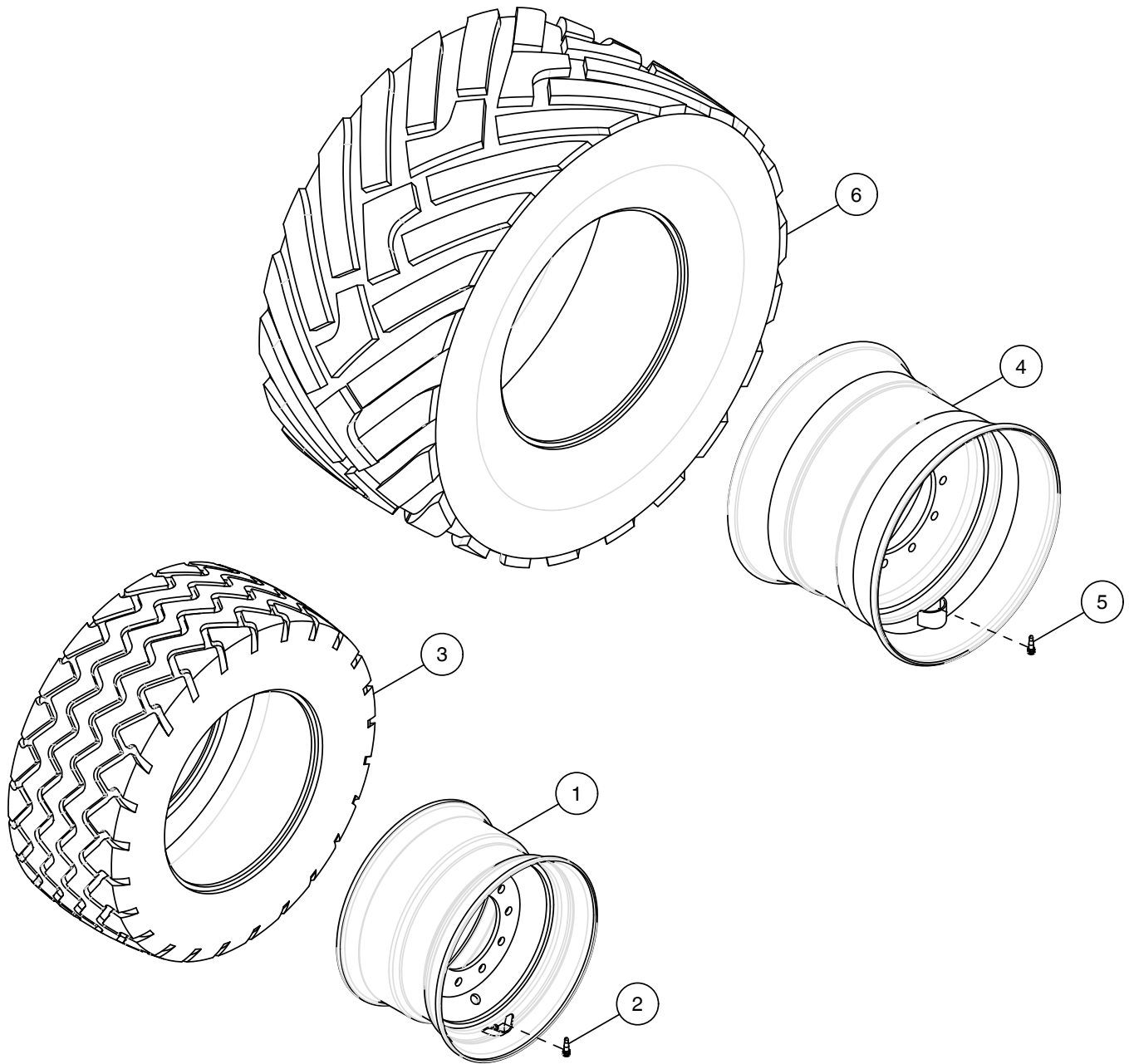


**Note: Left Tire and Rim Assembly Shown  
use on right side of machine**

| Item | Part No.      | Description                                                                                         | Qty      |
|------|---------------|-----------------------------------------------------------------------------------------------------|----------|
| 1    | S64947        | Rim - 20 x 22.5 - 10 Bolt .....                                                                     | 1        |
| 2    | N13968        | Valve Stem - TR618A .....                                                                           | 1        |
| 3    | <b>K56777</b> | <b>Tire - 600/5022.5 - Bias Ply (TVS EUROGRIP) .....</b>                                            | <b>1</b> |
| 4    | S64949        | Tire - 600/50R22.5 - By-Directional (ALLIANCE 380) .....                                            | 1        |
| 5    | <b>S68655</b> | <b>Tire - 600/50R22.5 - By-Directional (MAXAM FLOTXTRA - HD FLOTATION) .....</b>                    | <b>1</b> |
|      | <b>K65090</b> | Tire Rim Assembly- <b>Left</b> (Shown above)(Includes items 1, 2 and 3)use on right side of machine |          |
|      | <b>K65091</b> | Tire Rim Assembly- <b>Right</b> (Not Shown) (Includes items 1, 2 and 3)use on right side of machine |          |
|      | S64960        | Tire and Rim Assembly - <b>By-Directional</b> (Includes items 1, 2 and 4)                           |          |
|      | <b>S68660</b> | <b>Tire and Rim Assembly - By-Directional (Includes items 1, 2 and 5)</b>                           |          |



## 80 ft Wheel Assembly - Main Frame

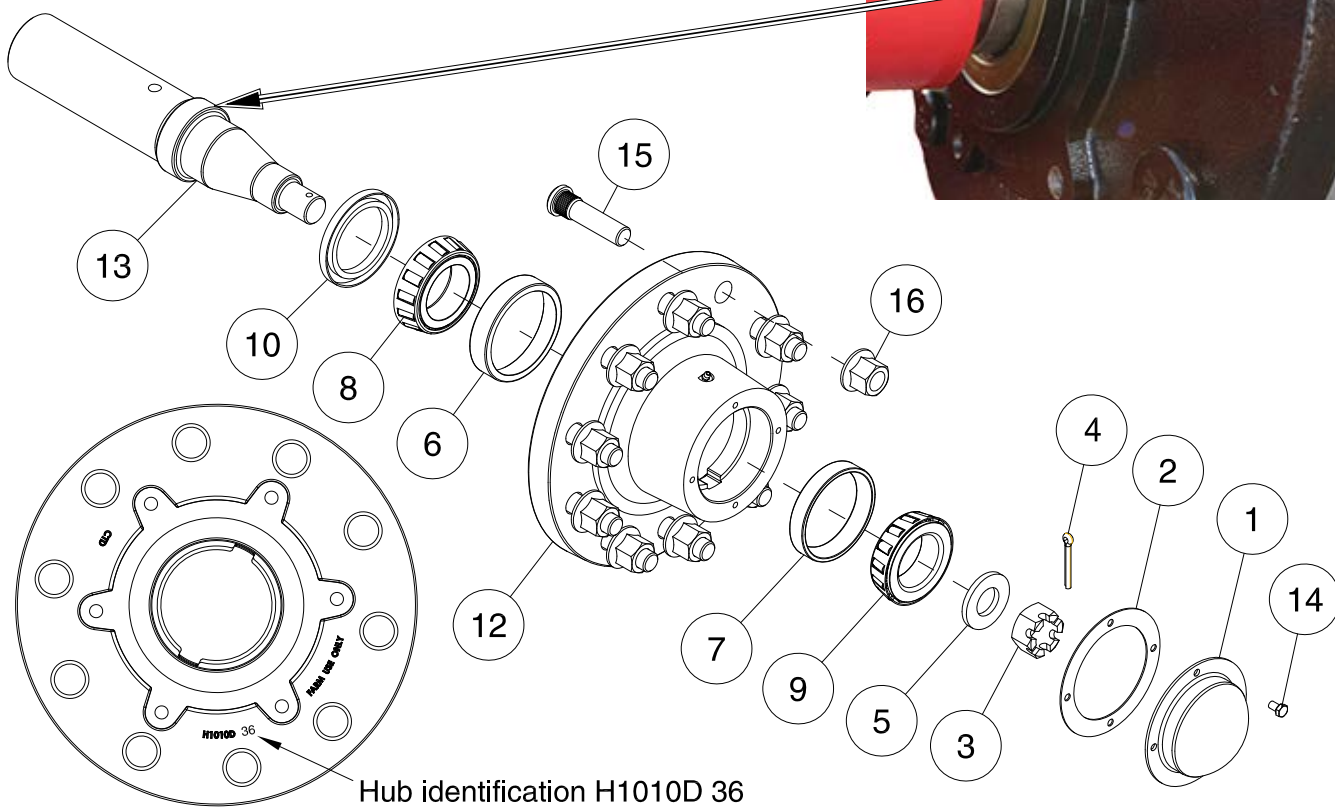
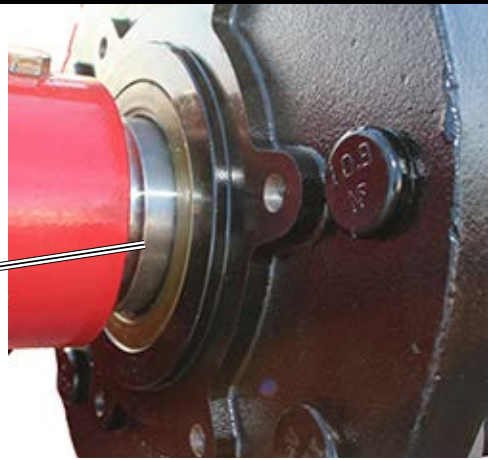


| Item                                        | Part No. | Description                                                                              | Qty |
|---------------------------------------------|----------|------------------------------------------------------------------------------------------|-----|
| <b>Front Tire Assembly</b>                  |          |                                                                                          |     |
| 1                                           | S72827   | Rim - 14 x 22.5 - 10 Bolt.....                                                           | 1   |
| 2                                           | N13968   | Valve Stem - TR618A .....                                                                | 1   |
| 3                                           | S72826   | Tire - Alliance 381 - 445/50R22.5 VF .....                                               | 1   |
|                                             | S72825   | Tire and Rim Assembly (Includes items 1 to 3)                                            |     |
| <b>Rear Tire Assembly - 2024 to Present</b> |          |                                                                                          |     |
| 4                                           | S73367   | Rim - 20 x 26.5 - 10 Bolt .....                                                          | 1   |
| 5                                           | N13968   | Valve Stem - TR618A .....                                                                | 1   |
| 6                                           | S73368   | Tire - Alliance 885 - 650/55R26.5 - Directional Tread .....                              | 1   |
|                                             | S73369   | Tire and Rim Assembly - Alliance 885 - 650/55R26.5 - Right (Includes items 4 to 6) ..... | 1   |
|                                             | S73371   | Tire and Rim Assembly - Alliance 885 - 650/55R26.5 - Left (Includes items 4 to 6) .....  | 1   |

## Hub and Spindle Assembly - S64970

**Original Hub and Spindle with 3.375 diameter raised seal area.**  
**Supplied on units prior to Serial Numbers:**

40 Quantum serial # QT40210486  
 50 Quantum serial # QT50210561  
 60 Quantum serial # QT60210745  
 70 Quantum serial # QT70210794



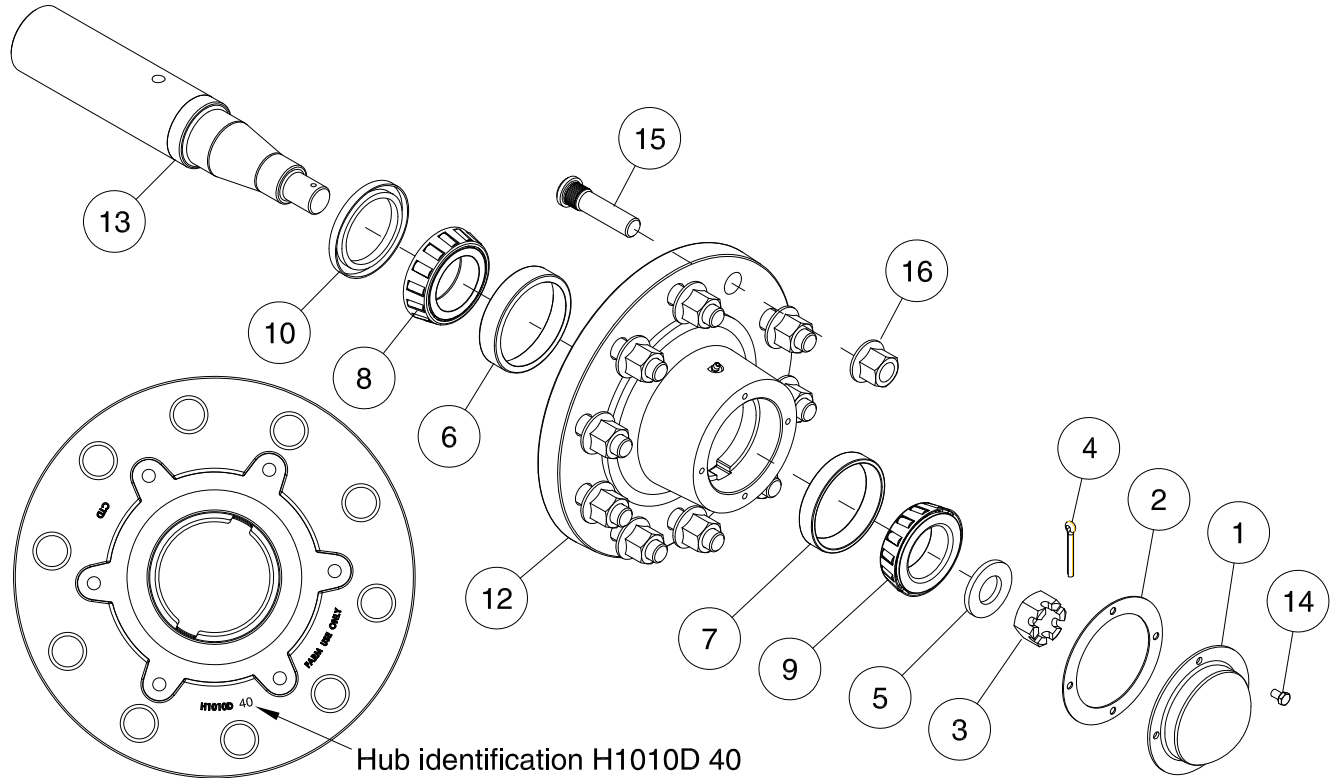
| Item | Part No.      | Description                                                        | Qty      |
|------|---------------|--------------------------------------------------------------------|----------|
| 1    | S65333        | Dust Cap - DC-27Z .....                                            | 1        |
| 2    | N13959        | Gasket.....                                                        | 1        |
| 3    | N19484        | Hex Slotted Nut - 1 1/4 - 12 UNF .....                             | 1        |
| 4    | D-5238        | Cotter Pin - 3/16 x 1 3/4 Lg .....                                 | 1        |
| 5    | N13962        | Flatwasher - 1.281 ID x 2 1/2 OD x 1/4 Thick.....                  | 1        |
| 6    | <b>S65334</b> | <b>Bearing Cup - Inner - TRB13523.....</b>                         | <b>1</b> |
| 7    | S65336        | Bearing Cup - Outer - TRB10053 .....                               | 1        |
| 8    | <b>S65337</b> | <b>Bearing Cone - Inner - TRB16687.....</b>                        | <b>1</b> |
| 9    | S65339        | Bearing Cone - Outer - TRB03812 .....                              | 1        |
| 10   | <b>S65332</b> | <b>Dust Seal - SE-67 - 3.375 ID x 4.631 OD x 0.438 WIDE .....</b>  | <b>1</b> |
| 12   | <b>S64999</b> | <b>Hub - 10 Bolt - 15,000 lb (Includes Items 6, 7 and 15).....</b> | <b>1</b> |
|      | S-752         | Grease Nipple (Not Shown) .....                                    | 1        |
| 13   | <b>S64998</b> | <b>Spindle - 3 Dia .....</b>                                       | <b>1</b> |
| 14   | D-5247        | Hex Bolt - 5/16 x 1/2 Lg.....                                      | 4        |
| 15   | S65335        | Press-In Wheel Stud - M22 x 1.5 x 92mm - Grade 10.9 .....          | 10       |
| 16   | N55218        | Flange Wheel Nut - M22 x 1.5 - Grade 10.9 .....                    | 10       |
|      | S64970        | Hub and Spindle Assembly                                           |          |

## Hub and Spindle Assembly - S72080

New Hub and Spindle with 3 diameter seal area.

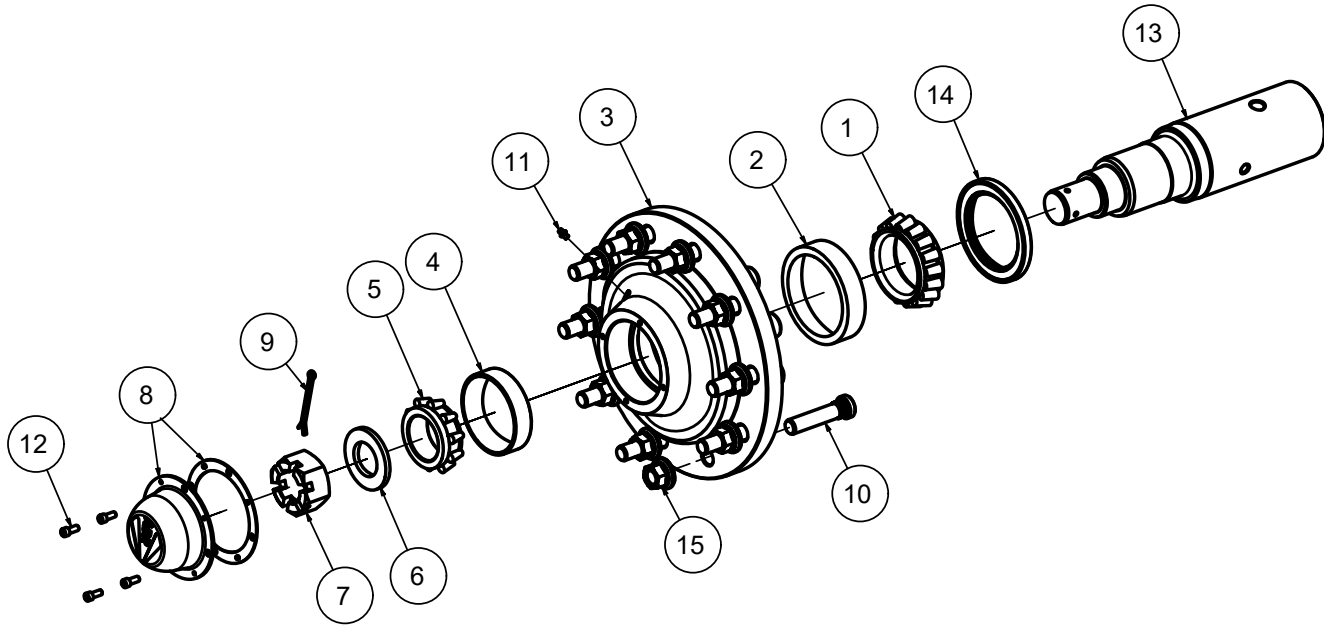
Supplied on units starting at Serial Numbers:

40 Quantum serial # QT40210486  
 50 Quantum serial # QT50210561  
 60 Quantum serial # QT60210745  
 70 Quantum serial # QT70210794  
 80 Quantum - ALL



| Item | Part No.      | Description                                                         | Qty      |
|------|---------------|---------------------------------------------------------------------|----------|
| 1    | S65333        | Dust Cap - DC-27Z .....                                             | 1        |
| 2    | N13959        | Gasket - SE-49 .....                                                | 1        |
| 3    | N19484        | Hex Slotted Nut - 1 1/4 - 12 UNF .....                              | 1        |
| 4    | D-5238        | Cotter Pin - 3/16 x 1 3/4 Lg .....                                  | 1        |
| 5    | N13962        | Flatwasher - 1.281 ID x 2 1/2 OD x 1/4 Thick .....                  | 1        |
| 6    | <b>S72082</b> | <b>Bearing Cup - Inner - TRB32416.....</b>                          | <b>1</b> |
| 7    | S65336        | Bearing Cup - Outer - TRB10053 .....                                | 1        |
| 8    | <b>S72084</b> | <b>Bearing Cone - Inner - TRB07629.....</b>                         | <b>1</b> |
| 9    | S65339        | Bearing Cone - Outer - TRB03812 .....                               | 1        |
| 10   | <b>N13956</b> | <b>Dust Seal - SE-48 .....</b>                                      | <b>1</b> |
| 12   | <b>S72081</b> | <b>Hub - 10 Bolt - 15,000 lb (Includes Items 6, 7 and 15) .....</b> | <b>1</b> |
|      | S-752         | Grease Nipple (Not Shown) .....                                     | 1        |
| 13   | <b>S72083</b> | <b>Spindle - 3 Dia .....</b>                                        | <b>1</b> |
| 14   | D-5247        | Hex Bolt - 5/16 x 1/2 Lg.....                                       | 4        |
| 15   | S65335        | Press-In Wheel Stud - M22 x 1.5 x 92mm - Grade 10.9 .....           | 10       |
| 16   | N55218        | Flange Wheel Nut - M22 x 1.5 - Grade 10.9 .....                     | 10       |
|      | <b>S72080</b> | <b>Hub and Spindle Assembly</b>                                     |          |

## Hub and Spindle Assembly - N70874



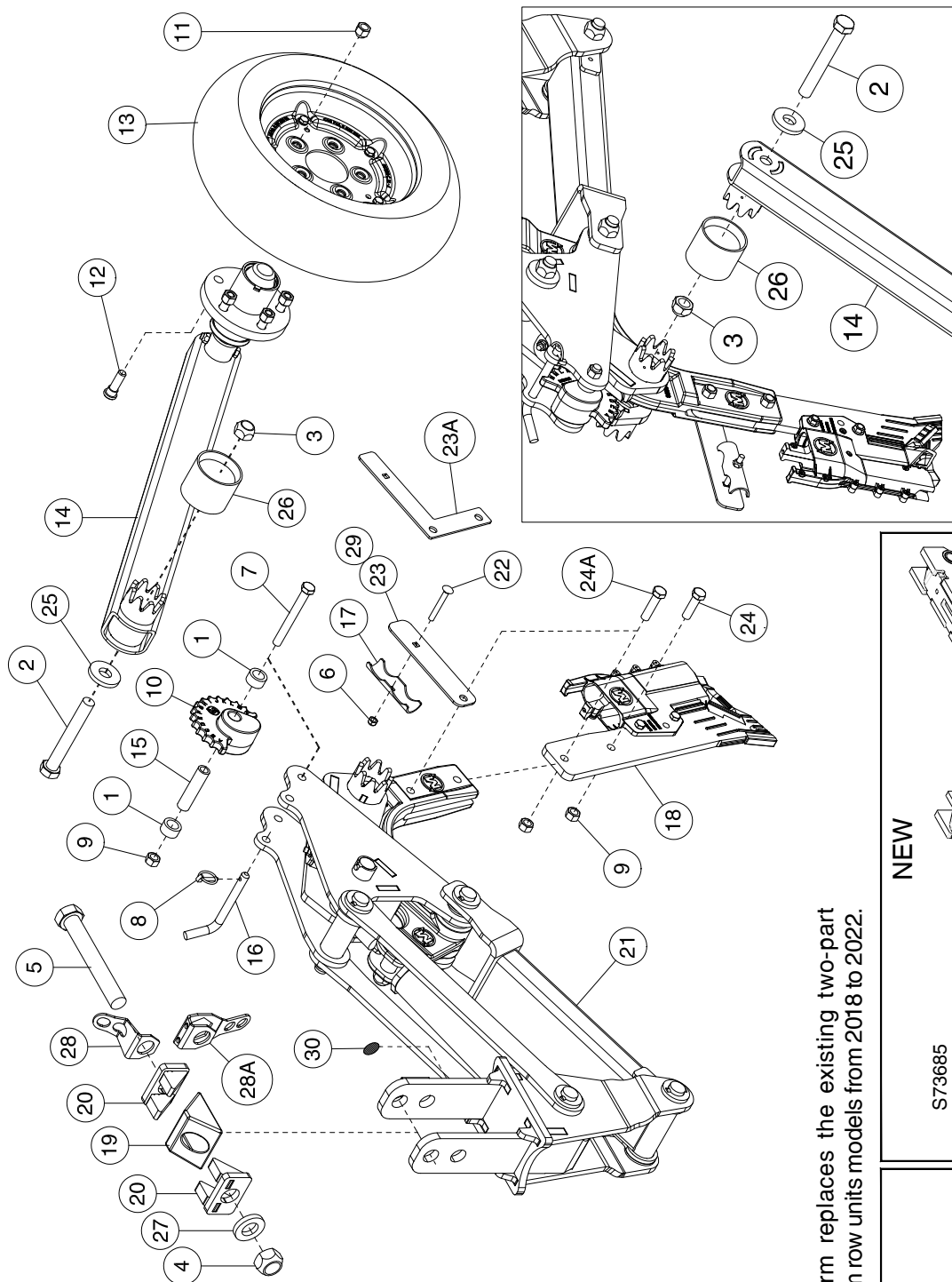
| Item                                 | Part No. | Description                                                   | Qty |
|--------------------------------------|----------|---------------------------------------------------------------|-----|
| * Quantities Listed Are For One Axle |          |                                                               |     |
| 1                                    | N33549   | Inner Bearing Cone - HM218248 .....                           | 1   |
| 2                                    | N33547   | Inner Bearing Cup - HM218210 .....                            | 1   |
| 3                                    | N70816   | Hub - H10.....                                                | 1   |
| 4                                    | N33548   | Outside Bearing Cup - HM212010 .....                          | 1   |
| 5                                    | N33550   | Outside Bearing Cone - HM212049 .....                         | 1   |
| 6                                    | N33245   | Washer - 2 1/8 ID x 4 1/2 OD x 3/16 Thick .....               | 1   |
| 7                                    | N33243   | Crown Nut - 2-12 UN.....                                      | 1   |
| 8                                    | N70814   | Dust Cap with Gasket .....                                    | 1   |
| 9                                    | N33244   | Cotter Pin - 3/8 x 3 1/2 Lg .....                             | 1   |
| 10                                   | K65177   | Wheel Stud - M22 x 1.50 L102 .....                            | 10  |
| 11                                   | S-752    | Grease Nipple Straight - 1/4-28 UNF .....                     | 1   |
| 12                                   | F-1767   | Hex Head Cap Screw - 5/16"-18 UNC x 3/4" Lg .....             | 4   |
| 13                                   | N70812   | Spindle - 4 1/2 Dia .....                                     | 1   |
| 14                                   | N70813   | Grease Seal - 111/152.....                                    | 1   |
| 15                                   | K65178   | Flange Wheel Nut - M22 x 1.5 WR32 - GR 10 (26mm Height) ..... | 10  |
|                                      | N70874   | Hub and Spindle Assembly                                      |     |

# Section 3: Opener

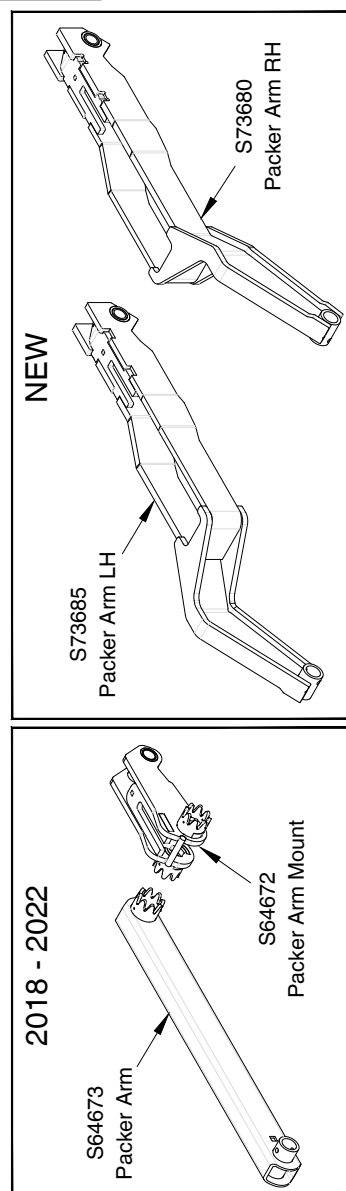
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**Opener Assembly  
Steel - Prior to 2022**



The new welded packer arm replaces the existing two-part assembly on welded Quantum row units models from 2018 to 2022.

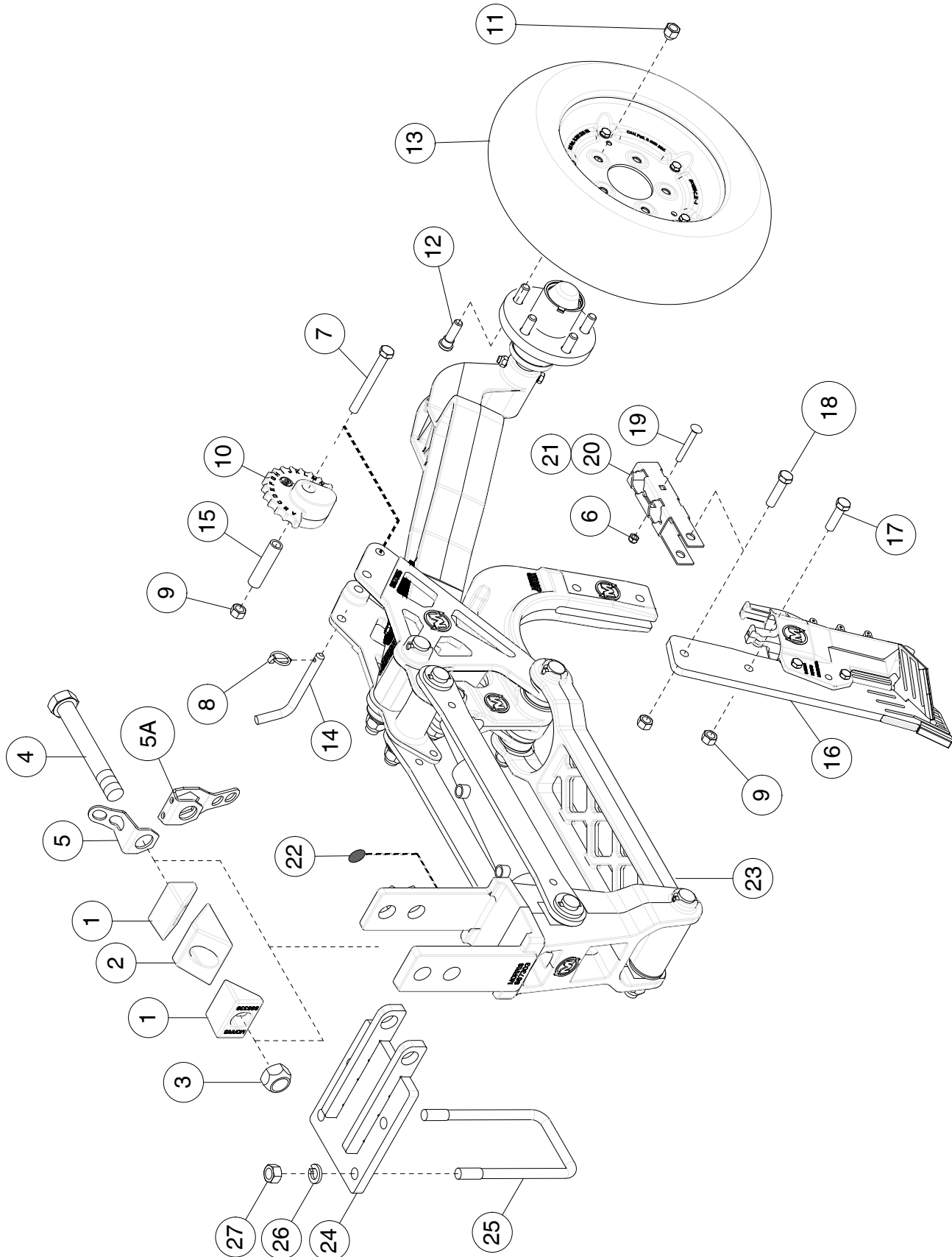


## Opener Assembly - Steel - Prior to 2022

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Qty |
|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | S65000   | Cam Brace Bushing - 0.765 ID x 1-1/8 OD x 0.58 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2   |
| 2    | D-5558   | Hex Bolt - 3/4 x 6 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1   |
| 3    | D-5273   | Lock Nut - 3/4 Unitorque .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7   |
| 4    | D-5274   | Lock Nut - 1 Unitorque .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   |
| 5    | S42952   | Hex Bolt - 1 x 6 5/8 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   |
| 6    | D-5272   | Lock Nut - 5/16 Unitorque .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1   |
| 7    | S66403   | Hex Bolt - 1/2 x 4 1/2 Lg - GR.8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1   |
| 8    | S42294   | Lynch Pin - 3/16 Dia x 1-3/8 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1   |
| 9    | S47110   | Hex Nut - 1/2 Center Lock.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3   |
| 10   | S49260   | Depth Cam - Cast .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1   |
| 11   | S50246   | Tapered Wheel Nut - 1/2-20UNF.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5   |
| 12   | S50247   | Press-In Wheel Stud - 1/2 - 20UNF x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5   |
| 13   | S64194   | Otico Tire - 4 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1   |
|      | S64195   | Otico Tire - 5 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
| 14   | S64673   | Packer Arm.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1   |
| 15   | S64698   | Bushing - 0.510 ID x 0.750 OD x 3.094 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1   |
| 16   | S65061   | Depth Pin - 1/2 Dia.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1   |
| 17   | S65070   | Hose Holder .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 18   | S72321   | Kit: Forged Paired Row IP - LD .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1   |
|      | S72322   | Kit: Forged Paired Row IP - HP .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |
|      | S72324   | Forged Sideband Boot Kit - Left IP - LD .....                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
|      | S72323   | Forged Sideband Boot Kit - Right IP - LD .....                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |
|      | S72325   | Forged Single Shoot Assembly .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| 19   | S66337   | Cast Center Wedge - 3 wide .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1   |
| 20   | S69115   | Steel Outer Wedge - 2 3/4 wide (Replaced by S66338 - Cast Alloy).....                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2   |
| 21   | S65650   | Row Unit - Right (Includes items 1,2,3,7,8,9,10,11,12,14,15,16, 25 and 26) Shown.....                                                                                                                                                                                                                                                                                                                                                                                                                   | 1   |
|      | S65651   | Row Unit - Left (Includes items 1,2,3,7,8,9,10,11,12,14,15,16, 25 and 26) .....                                                                                                                                                                                                                                                                                                                                                                                                                         |     |
|      |          | <b>Note: The only difference between the Left and Right Row Unit is the orientation of the packer arm assembly.</b>                                                                                                                                                                                                                                                                                                                                                                                     |     |
| 22   | S51466   | Carriage Bolt - 5/16 x 2 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 23   | S65851   | Hose Holder Bracket - Cast Shankholder .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   |
| 23A  | S68009   | Hose Holder Bracket - Steel Shankholder .....                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 24   | W-487    | Hex Bolt - 1/2 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2   |
| 24A  | S51464   | Hex Bolt - 1/2 x 2 Lg - GR 8 (Hose Holder Replacement Bolt) .....                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 25   | S65821   | Washer - 2 1/4 OD x 25/32 ID .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1   |
| 26   | S69349   | Sleeve Bushing.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1   |
| 27   | F-4490   | Flatwasher - 1 1/32 ID x 1 7/8 OD x 1/4 Thick .....                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1   |
| 28   | S66245   | Hose Holder - Opener.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1   |
| 28A  | S67170   | Hose Holder - Opener - Low Profile - 6 per machine .....                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 29   | S65852   | Hose Holder Kit - Cast Shankholder - Contains Items 6, 9, 17, 22, 23 & 24A .....                                                                                                                                                                                                                                                                                                                                                                                                                        | 1   |
|      | S68273   | Hose Holder Kit - Steel Shankholder - Contains Items 6, 9, 17, 22, 23A & 24A .....                                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| 30   | S66171   | Openers Number Decal - 1 per machine<br><div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> 1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88<br/> 2 5 8 11 14 17 20 23 26 29 32 35 38 41 44 47 50 53 56 59 62 65 68 71 74 77 80 83 86 89<br/> 3 6 9 12 15 18 21 24 27 30 33 36 39 42 45 48 51 54 57 60 63 66 69 72 75 78 81 84 87 90 </div> <p>Abbreviations:<br/> IP - Injected Polymer<br/> LD - Low Disturbance<br/> HP - High Penetration</p> |     |



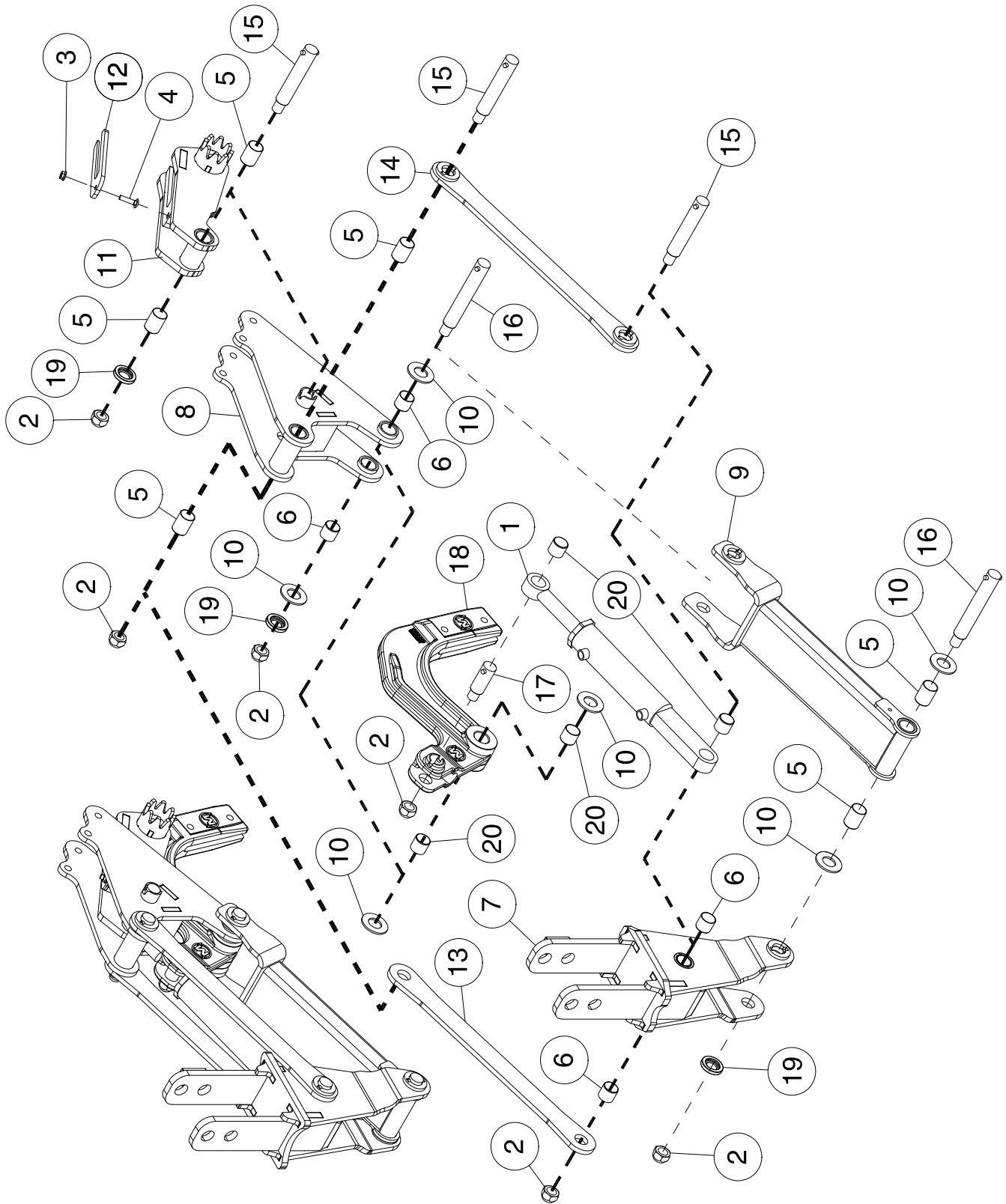
# Opener Assembly Cast - 2022 to Present



## Opener Assembly - Cast - 2022 to Present

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Qty |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | S66338        | Outer Wedge - Cast Alloy .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2   |
| 2    | S66337        | Centre Wedge - Cast.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1   |
| 3    | D-5274        | Lock Nut - 1 Unitorque .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   |
| 4    | S42952        | Hex Bolt - 1 x 6 5/8 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   |
| 5    | S66245        | Hose Holder - Opener.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1   |
| 5A   | S67170        | Hose Holder - Opener - Low Profile - 4 per machine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| 6    | D-5272        | Lock Nut - 5/16 Unitorque .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1   |
| 7    | S66403        | Hex Bolt - 1/2 x 4 1/2 Lg - GR.8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1   |
| 8    | S42294        | Lynch Pin - 3/16 Dia x 1-3/8 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1   |
| 9    | S47110        | Hex Nut - 1/2 Center Lock.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3   |
| 10   | S49260        | Depth Cam - Cast .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1   |
| 11   | S50246        | Tapered Wheel Nut - 1/2-20UNF.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5   |
| 12   | S50247        | Press-In Wheel Stud - 1/2 - 20UNF.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5   |
| 13   | *****         | See "Packer Wheel Assemblies".....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1   |
| 14   | S65061        | Depth Pin - 1/2 Dia.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1   |
| 15   | S67944        | Bushing - 0.510 ID x 0.750 OD x 1 31/32 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1   |
| 16   | S72321        | Kit: Forged Paired Row IP - LD .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1   |
|      | S72322        | Kit: Forged Paired Row IP - HP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |
|      | S72324        | Forged Sideband Boot Kit - Left IP - LD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|      | S72323        | Forged Sideband Boot Kit - Right IP - LD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|      | S72325        | Forged Single Shoot Assembly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| 17   | W-487         | Hex Bolt - 1/2 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1   |
| 18   | S51464        | Hex Bolt - 1/2 x 2 Lg - GR 8 (Hose Holder Replacement Bolt) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 19   | S51466        | Carriage Bolt - 5/16 x 2 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 20   | S69305        | Hose Holder .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 21   | S72297        | Hose Holder Kit - Contains Items 6, 9, 18, 19 & 20.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1   |
| 22   | S66171        | Openers Number Decal - 1 per machine (40ft to 70ft) Not Shown                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
|      | S73374        | Openers Number Decal - 1 per machine (80ft) Shown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |
|      |               | <div style="display: flex; flex-wrap: wrap; padding: 5px;"> <div style="margin-right: 5px;"> <b>1 5 9 13 17 21 25 29 33 37 41 45 49 53 57 61 65 69 73 77 81 85 89 93 97</b> </div> <div style="margin-right: 5px;"> <b>2 6 10 14 18 22 26 30 34 38 42 46 50 54 58 62 66 70 74 78 82 86 90 94 98</b> </div> <div style="margin-right: 5px;"> <b>3 7 11 15 19 23 27 31 35 39 43 47 51 55 59 63 67 71 75 79 83 87 91 95 99</b> </div> <div> <b>4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100</b> </div> </div> |     |
| 23   | S72302        | Row Unit - Right (Includes items 7, 8, 9,10,11,12,14,15) - Shown .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1   |
|      | S72303        | Row Unit - Left (Includes items 7, 8, 9,10,11,12,14,15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|      | <b>S71846</b> | <b>10 inch and 25cm Offset Spacing Kit (Includes items 24, 25 and 26)</b><br><b>(Kit is used on inner wing - 2 kits required per drill)</b>                                                                                                                                                                                                                                                                                                                                                                                             |     |
| 24   | S71726        | Offset Row Unit Mount - 25cm Spacing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
| 25   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2   |
| 26   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4   |
| 27   | W-517         | Hex Nut - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4   |
|      |               | <p>Abbreviations:</p> <p>IP - Injected Polymer</p> <p>LD - Low Disturbance</p> <p>HP - High Penetration</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |     |

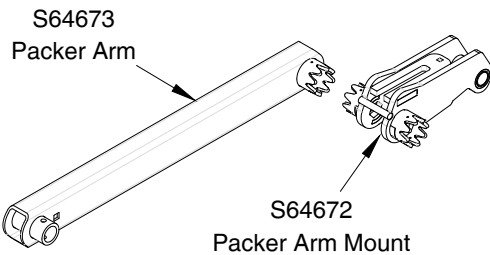
# Body Assembly Steel - Prior to 2022



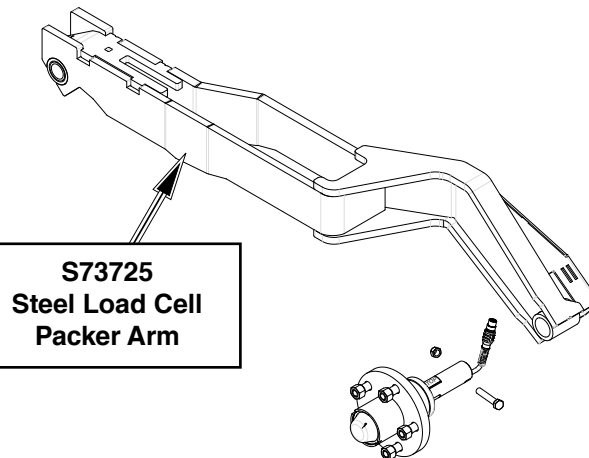
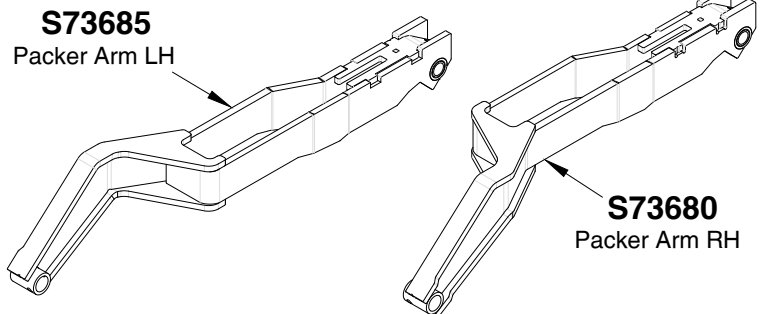
## Body Assembly - Steel - Prior to 2022

| Item | Part No. | Description                                                                                                                                                                                                               | Qty |
|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | C64546   | Cylinder - 1 3/4 Bore x 4 Stroke (Includes Item 20) (Seal Kit C71900) .....                                                                                                                                               | 1   |
| 2    | D-5275   | Locknut - 3/4 nylon insert.....                                                                                                                                                                                           | 6   |
| 3    | D-5278   | Lock Nut - 5/16 Flanged.....                                                                                                                                                                                              | 1   |
| 4    | N31012   | Carriage Bolt - 5/16 x 1 1/4 Lg .....                                                                                                                                                                                     | 1   |
| 5    | S62986   | Q2 Bushing - 1 ID x 1 1/8 OD x 1 1/2 Lg Nominal size .....                                                                                                                                                                | 6   |
| 6    | S72042   | EWS Bushing - 1 ID x 1 1/8 OD x 1 Lg Nominal size .....                                                                                                                                                                   | 4   |
| 7    | S62998   | Mounting Bracket - (Includes Item 6 Qty of 2).....                                                                                                                                                                        | 1   |
| 8    | S64119   | Opener Body - (Includes Item 5 Qty of 2 and Item 6 Qty 2).....                                                                                                                                                            | 1   |
| 9    | S64172   | Bottom Link - (Includes Item 5 Qty of 2).....                                                                                                                                                                             | 1   |
| 10   | S69398   | Washer - 1 1/32 ID x 2 OD x 1/8 .....                                                                                                                                                                                     | 6   |
| 11   | S64672   | Packer Arm Mount - (Includes Item 5 Qty of 2) .....                                                                                                                                                                       | 1   |
| 12   | S66251   | Shim - Depth Adjustment - 1/4 Thick.....                                                                                                                                                                                  | 1   |
| 13   | S64759   | Strap - Top Link.....                                                                                                                                                                                                     | 1   |
| 14   | S65009   | Top Link.....                                                                                                                                                                                                             | 1   |
| 15   | S65037   | Pin - Chrome - 1 Dia x 4 21/32 UL (Includes S73071 Roll Pin) .....                                                                                                                                                        | 3   |
| 16   | S65038   | Pin - Chrome - 1 Dia x 5 9/16 UL (Includes S73071 Roll Pin).....                                                                                                                                                          | 2   |
| 17   | S65039   | Pin - Chrome - 1 Dia x 1 29/32 UL (Includes S73071 Roll Pin) .....                                                                                                                                                        | 1   |
| 18   | S65048   | Cast Shankholder - (Includes Item 20 Qty of 2) .....                                                                                                                                                                      | 1   |
| 19   | S72061   | Washer - Machined Step - 0.765 ID x 1.063 ID x 1 9/16 OD x 0.266 Thick .....                                                                                                                                              | 3   |
| 20   | S72042   | EWS Bushing - 1 ID x 1 1/8 OD x 1 Lg Nominal size .....                                                                                                                                                                   | 4   |
|      | S73260   | Quantum Steel Row Unit Rebuild Kit (Includes Items 2, 5, 6, 10, 15, 16, 17, 19, 20)                                                                                                                                       |     |
|      |          | The new welded packer arm replaces the existing two-part assembly on welded Quantum row units models from 2018 to 2022. This redesigned packer arm is a more robust solution. <b>Note Load Cell Packer Arm is S73725.</b> |     |

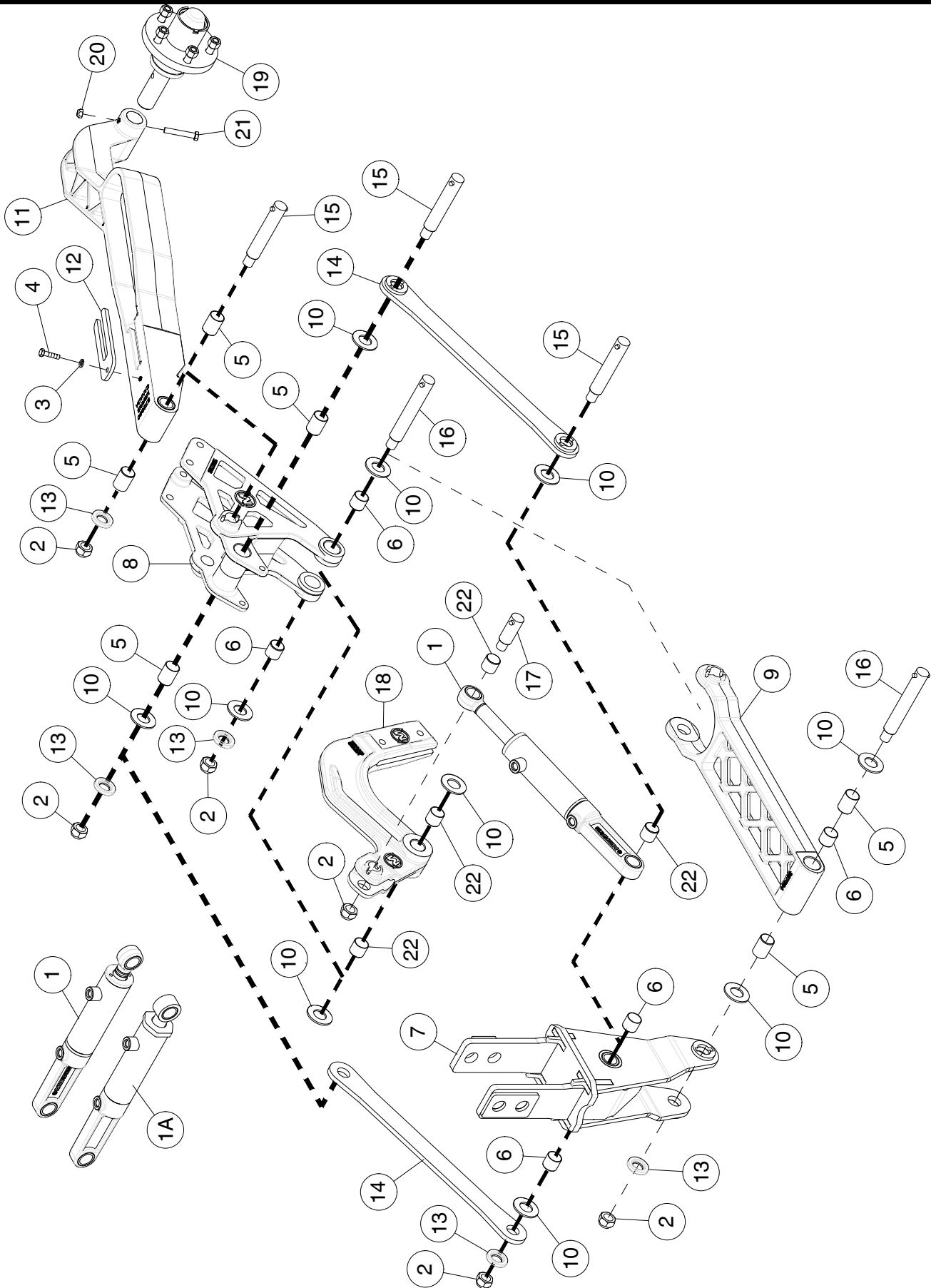
**2018 - 2022**



**NEW**



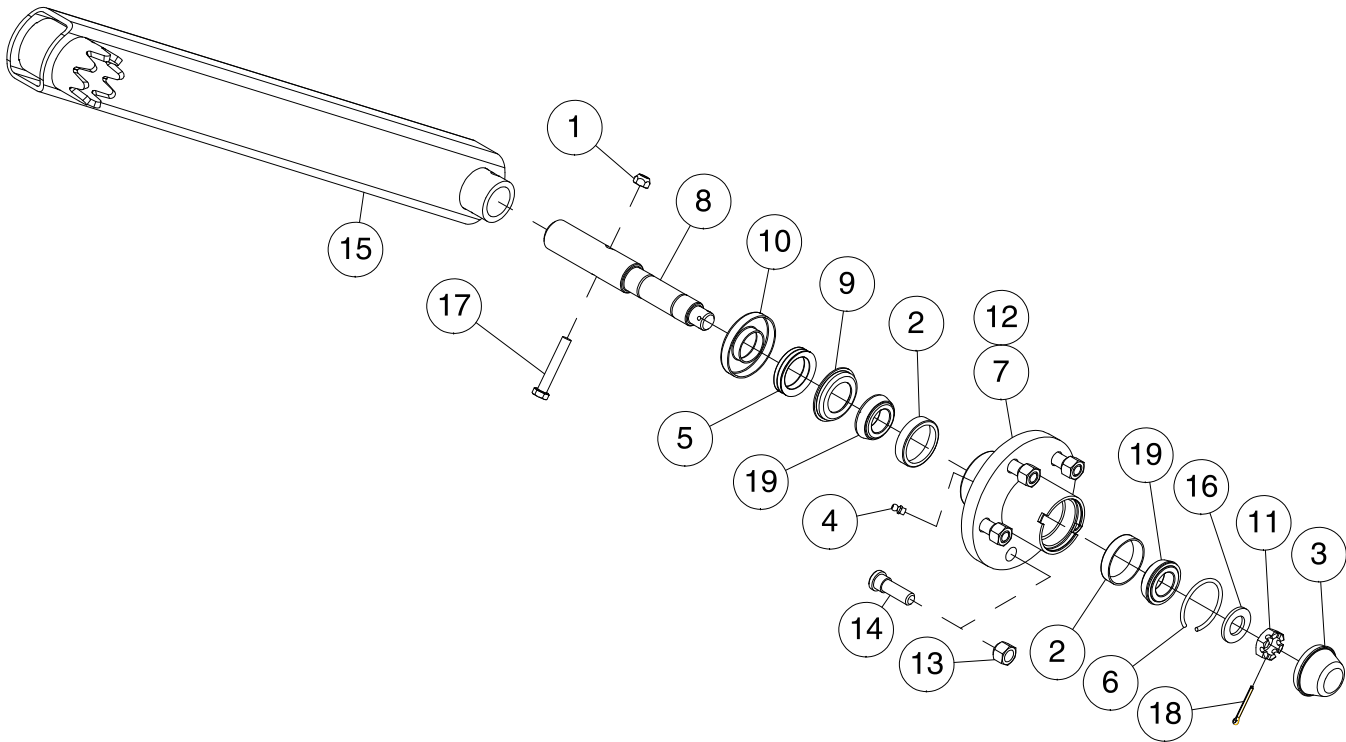
# Body Assembly Cast - 2022 to Present



## Body Assembly - Cast - 2022 to Present

| Item | Part No.      | Description                                                                                       | Qty      |
|------|---------------|---------------------------------------------------------------------------------------------------|----------|
| 1    | C72090        | Cylinder - 1 3/4 Bore x 4 Stroke - (Includes Item 22 Qty of 2) - <b>2023</b> (Seal Kit C72720) .. | 1        |
| 1A   | C68272        | Cylinder - 1 3/4 Bore x 4 Stroke - (Includes Item 22 Qty of 2) (Seal Kit C71900)                  |          |
| 2    | D-5275        | Locknut - 3/4 nylon insert.....                                                                   | 6        |
| 3    | W-522         | Lock Washer - 5/16 .....                                                                          | 1        |
| 4    | F-1767        | Hex Bolt - 5/16 x 3/4 Lg.....                                                                     | 1        |
| 5    | S67549        | Q2 Bushing - 1 ID x 1 1/4 OD x 1 1/2 Lg Nominal size .....                                        | 6        |
| 6    | S59806        | Q2 Bushing - 1 ID x 1 1/4 OD x 1 Lg Nominal size.....                                             | 5        |
| 7    | <b>S67303</b> | <b>Mounting Bracket - Cast - (Includes Item 22 Qty of 2) - 2023.....</b>                          | <b>1</b> |
|      | S69360        | Mounting Bracket - Welded - (Includes Item 6 Qty of 2).....                                       | 1        |
| 8    | S67305        | Opener Body - (Includes Item 5 Qty of 2 and Item 6 Qty 2).....                                    | 1        |
| 9    | S67304        | Bottom Link - (Includes Item 5 Qty of 2 and Item 6 Qty 1) .....                                   | 1        |
| 10   | S69398        | Washer - 1 1/32 ID x 2 OD x 1/8 .....                                                             | 10       |
| 11   | S72060        | Packer Arm - Right - (Includes Item 5 Qty of 2) - Shown .....                                     | 1        |
|      | S72065        | Packer Arm - Left - (Includes Item 5 Qty of 2) .....                                              | 1        |
| 12   | S66251        | Shim - Depth Adjustment - 1/4 Thick.....                                                          | 1        |
| 13   | S72061        | Washer - Step - Machined - 0.800 ID x 1.063 ID x 1 9/16 OD x 0.266 Thick.....                     | 5        |
| 14   | S65009        | Top Link.....                                                                                     | 2        |
| 15   | S69573        | Pin - Chrome - 1 Dia x 5 1/16 UL (Includes S73071 Roll Pin).....                                  | 3        |
| 16   | S69574        | Pin - Chrome - 1 Dia x 5 23/32 UL (Includes S73071 Roll Pin) .....                                | 2        |
| 17   | S69598        | Pin - Chrome - 1 Dia x 1 29/32 UL (Includes S73071 Roll Pin) .....                                | 1        |
| 18   | S67613        | Cast Shankholder - (Includes Item 22 Qty of 2) .....                                              | 1        |
| 19   | S48850        | Spindle Hub Assembly .....                                                                        | 1        |
| 20   | M-3388        | Locknut - 3/8 Unitorque.....                                                                      | 1        |
| 21   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                    | 1        |
| 22   | S72046        | EWS Bushing - 1 ID x 1 1/4 OD x 1 Lg Nominal size.....                                            | 4        |
|      | <b>S73284</b> | <b>Quantum Cast Row Unit Rebuild Kit (Includes Items 2, 5, 6, 10, 13, 15, 16, 17, 22)</b>         |          |

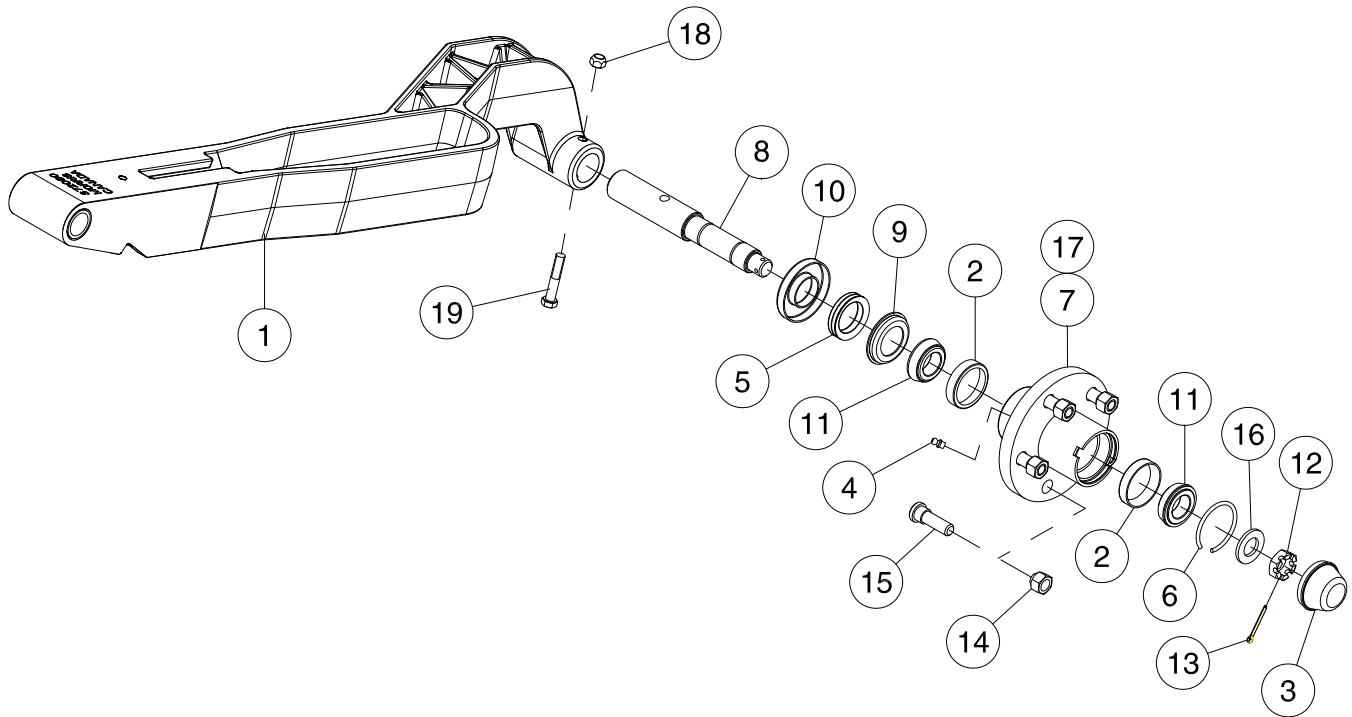
## Packer Arm Assembly Steel - Prior to 2022



| Item | Part No. | Description                                                                                 | Qty |
|------|----------|---------------------------------------------------------------------------------------------|-----|
| 1    | M-3388   | Lock Nut - 3/8 Unitorque .....                                                              | 1   |
| 2    | N14009   | Bearing Cup .....                                                                           | 2   |
| 3    | N14011   | Dust Cap .....                                                                              | 1   |
| 4    | S-752    | Grease Zerk - 1/4 .....                                                                     | 1   |
| 5    | S48842   | V-Seal - 1 1/4 Shaft .....                                                                  | 1   |
| 6    | S48843   | Dust Cap Retaining Wire .....                                                               | 1   |
| 7    | S48844   | Hub Casting - 1000 Lb - 5 Bolt .....                                                        | 1   |
| 8    | S48846   | Spindle - 1-1/4 Dia .....                                                                   | 1   |
| 9    | S48847   | Seal Counterface .....                                                                      | 1   |
| 10   | S48848   | Seal Retainer .....                                                                         | 1   |
| 11   | S48849   | Slotted Jam Nut - 3/4 .....                                                                 | 1   |
| 12   | S48850   | Packer Hub Assembly (Includes Items# 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 16, 18 & 19) . | 1   |
| 13   | S50246   | Tapered Wheel Nut - 1/2.....                                                                | 5   |
| 14   | S50247   | Press-In Wheel Stud - 1/2 .....                                                             | 5   |
| 15   | S64673   | Packer Arm.....                                                                             | 1   |
| 16   | W-476    | Washer - 3/4.....                                                                           | 1   |
| 17   | W-479    | Hex Bolt - 3/8 x 2 1/4 Lg.....                                                              | 1   |
| 18   | W-529    | Cotter Pin - 1/8 x 1 Lg .....                                                               | 1   |
| 19   | W-4187   | Bearing Cone .....                                                                          | 2   |

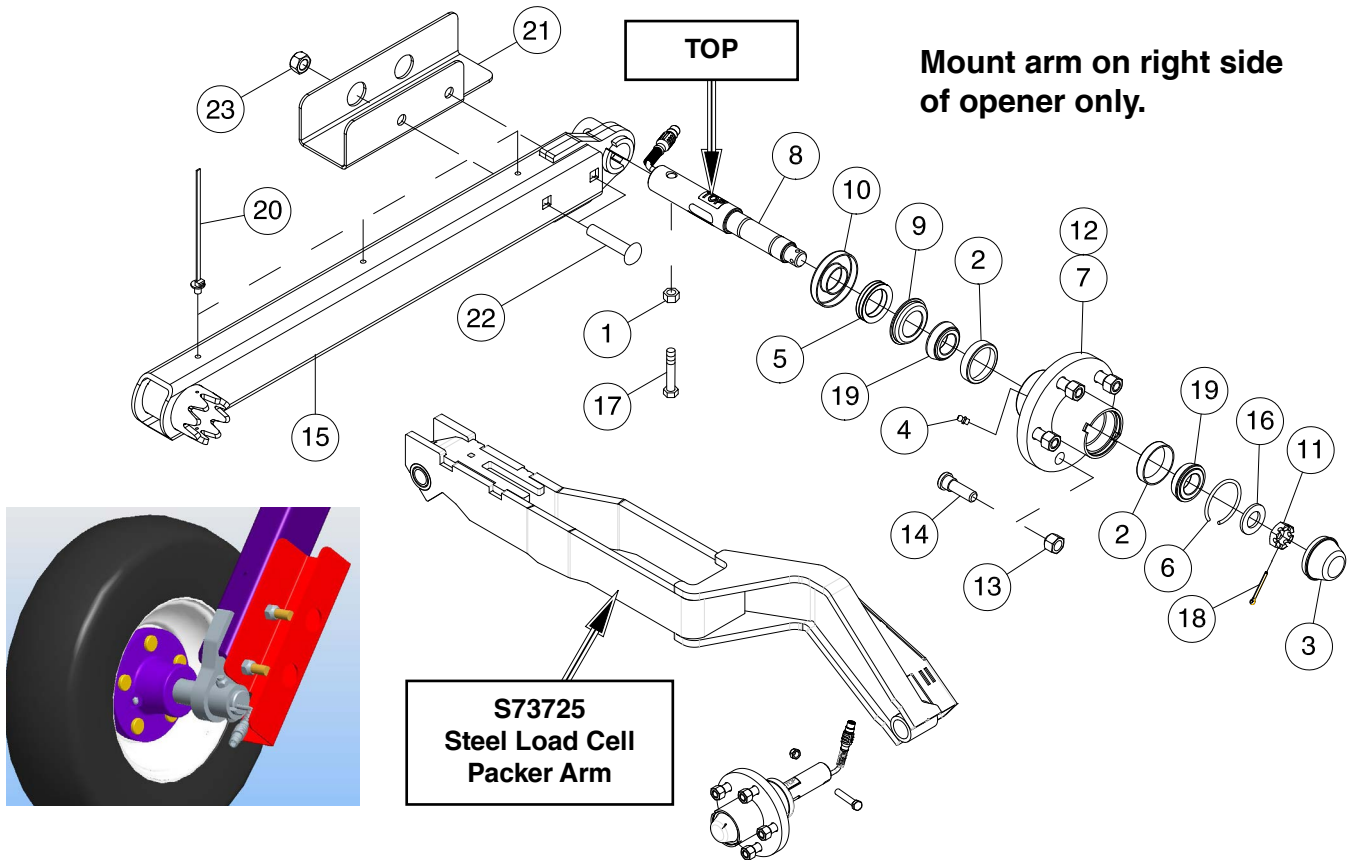


## Packer Arm Assembly Cast - 2022 to Present



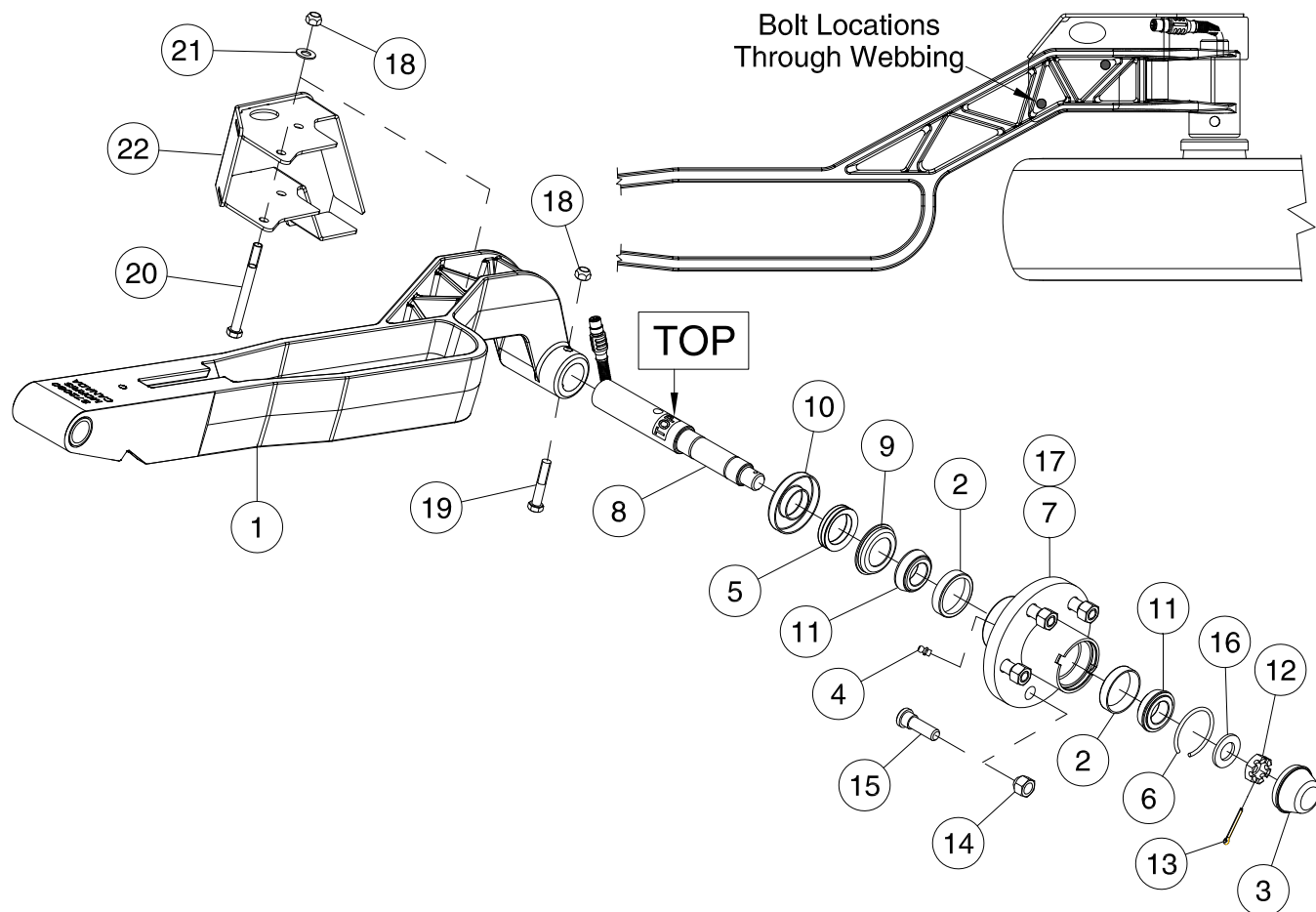
| Item | Part No. | Description                                                                                 | Qty |
|------|----------|---------------------------------------------------------------------------------------------|-----|
| 1    | S72060   | Packer Arm - Right - Shown .....                                                            | 1   |
|      | S72065   | Packer Arm - Left .....                                                                     | 1   |
| 2    | N14009   | Bearing Cup .....                                                                           | 2   |
| 3    | N14011   | Dust Cap .....                                                                              | 1   |
| 4    | S-752    | Grease Zerk - 1/4 .....                                                                     | 1   |
| 5    | S48842   | V-Seal - 1 1/4 Shaft .....                                                                  | 1   |
| 6    | S48843   | Dust Cap Retaining Wire .....                                                               | 1   |
| 7    | S48844   | Hub Casting - 1000 Lb - 5 Bolt .....                                                        | 1   |
| 8    | S48846   | Spindle - 1-1/4 Dia .....                                                                   | 1   |
| 9    | S48847   | Seal Counterface .....                                                                      | 1   |
| 10   | S48848   | Seal Retainer .....                                                                         | 1   |
| 11   | W-4187   | Bearing Cone .....                                                                          | 2   |
| 12   | S48849   | Slotted Jam Nut - 3/4 .....                                                                 | 1   |
| 13   | W-529    | Cotter Pin - 1/8 x 1 Lg .....                                                               | 1   |
| 14   | S50246   | Tapered Wheel Nut - 1/2.....                                                                | 5   |
| 15   | S50247   | Press-In Wheel Stud - 1/2 .....                                                             | 5   |
| 16   | W-476    | Washer - 3/4.....                                                                           | 1   |
| 17   | S48850   | Packer Hub Assembly (Includes Items# 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 & 16) . | 1   |
| 18   | M-3388   | Lock Nut - 3/8 Unitorque .....                                                              | 1   |
| 19   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                              | 1   |

## Packer Arm Assembly Pack Control - Prior to 2022



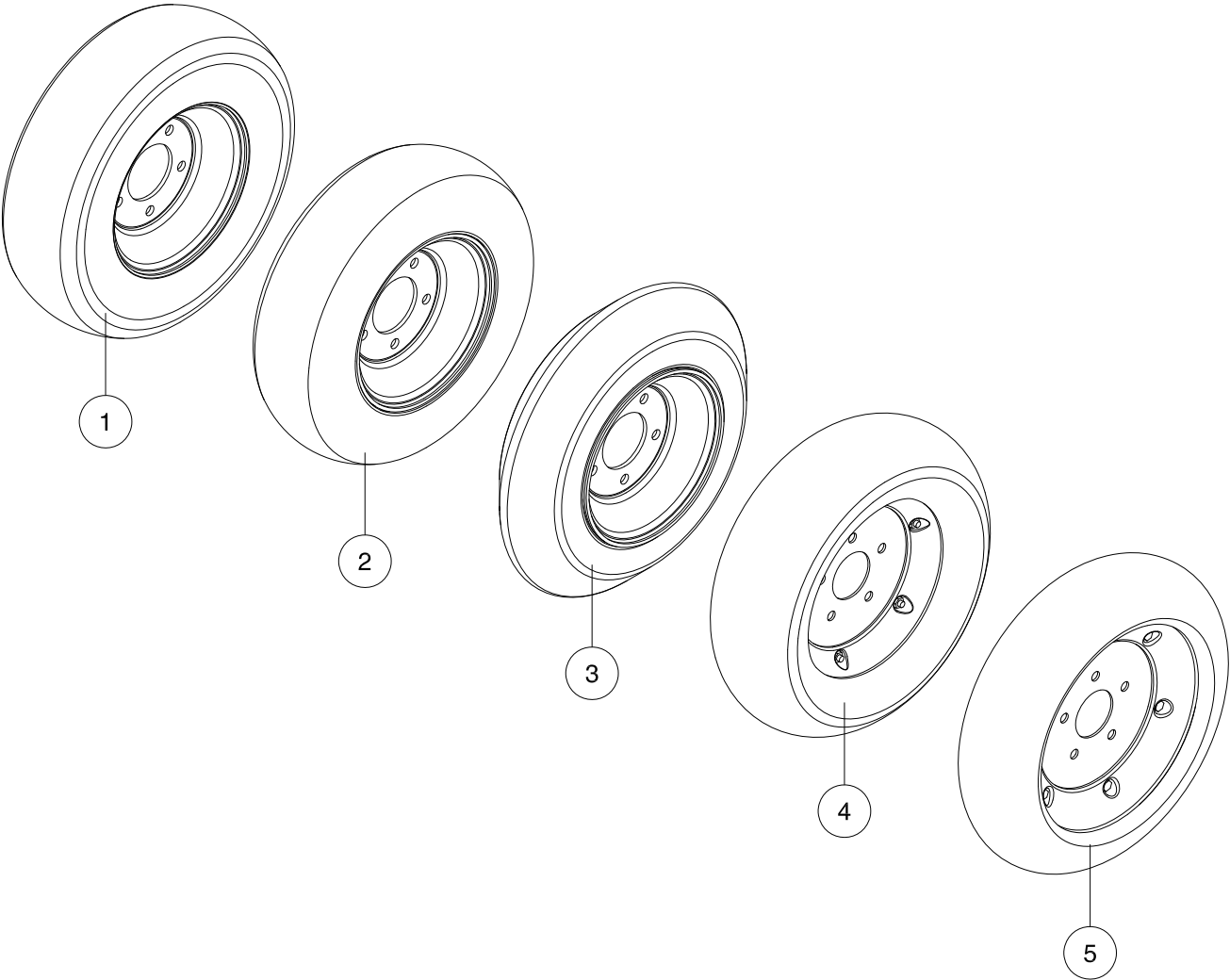
| Item | Part No. | Description                                                                                                | Qty |
|------|----------|------------------------------------------------------------------------------------------------------------|-----|
| 1    | M-3388   | Lock Nut - 3/8 Unitorque .....                                                                             | 1   |
| 2    | N14009   | Bearing Cup .....                                                                                          | 2   |
| 3    | N14011   | Dust Cap .....                                                                                             | 1   |
| 4    | S-752    | Grease Zerk - 1/4 .....                                                                                    | 1   |
| 5    | S48842   | V-Seal - 1 1/4 Shaft .....                                                                                 | 1   |
| 6    | S48843   | Dust Cap Retaining Wire .....                                                                              | 1   |
| 7    | S48844   | Hub Casting - 1000 Lb - 5 Bolt .....                                                                       | 1   |
| 8    | S66278   | Spindle - <b>Digi-Star</b> .....                                                                           | 1   |
| 9    | S48847   | Seal Counterface .....                                                                                     | 1   |
| 10   | S48848   | Seal Retainer .....                                                                                        | 1   |
| 11   | S48849   | Slotted Jam Nut - 3/4 .....                                                                                | 1   |
| 12   | S67715   | Axle Assembly - <b>Digi-Star</b> (Includes Items# 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 16, 18 & 19).... | 1   |
| 13   | S50246   | Tapered Wheel Nut - 1/2.....                                                                               | 5   |
| 14   | S50247   | Press-In Wheel Stud - 1/2 .....                                                                            | 5   |
| 15   | S66267   | Packer Arm - <b>Digi-Star</b> .....                                                                        | 1   |
| 16   | W-476    | Washer - 3/4.....                                                                                          | 1   |
| 17   | W-479    | Hex Bolt - 3/8 x 2 1/4 Lg.....                                                                             | 1   |
| 18   | W-529    | Cotter Pin - 1/8 x 1 Lg .....                                                                              | 1   |
| 19   | W-4187   | Bearing Cone .....                                                                                         | 2   |
| 20   | S67885   | Zip Tie - Push Mount .....                                                                                 | 3   |
| 21   | S69154   | Guard - Pack Master Cable .....                                                                            | 1   |
| 22   | S47593   | Carriage Bolt - 1/2 x 3 1/2 Lg .....                                                                       | 2   |
| 23   | F-3405   | Locknut - 1/2 Unitorque.....                                                                               | 2   |
|      | S67716   | Pack Control Arm complete with DIGI-STAR. (Includes Items 1 to 23)                                         |     |
|      | S71738   | Pack Control Stubble Guard Field Kit (Includes Items 21 to 23)                                             |     |

## Packer Arm Assembly Pack Control - 2022 to Present



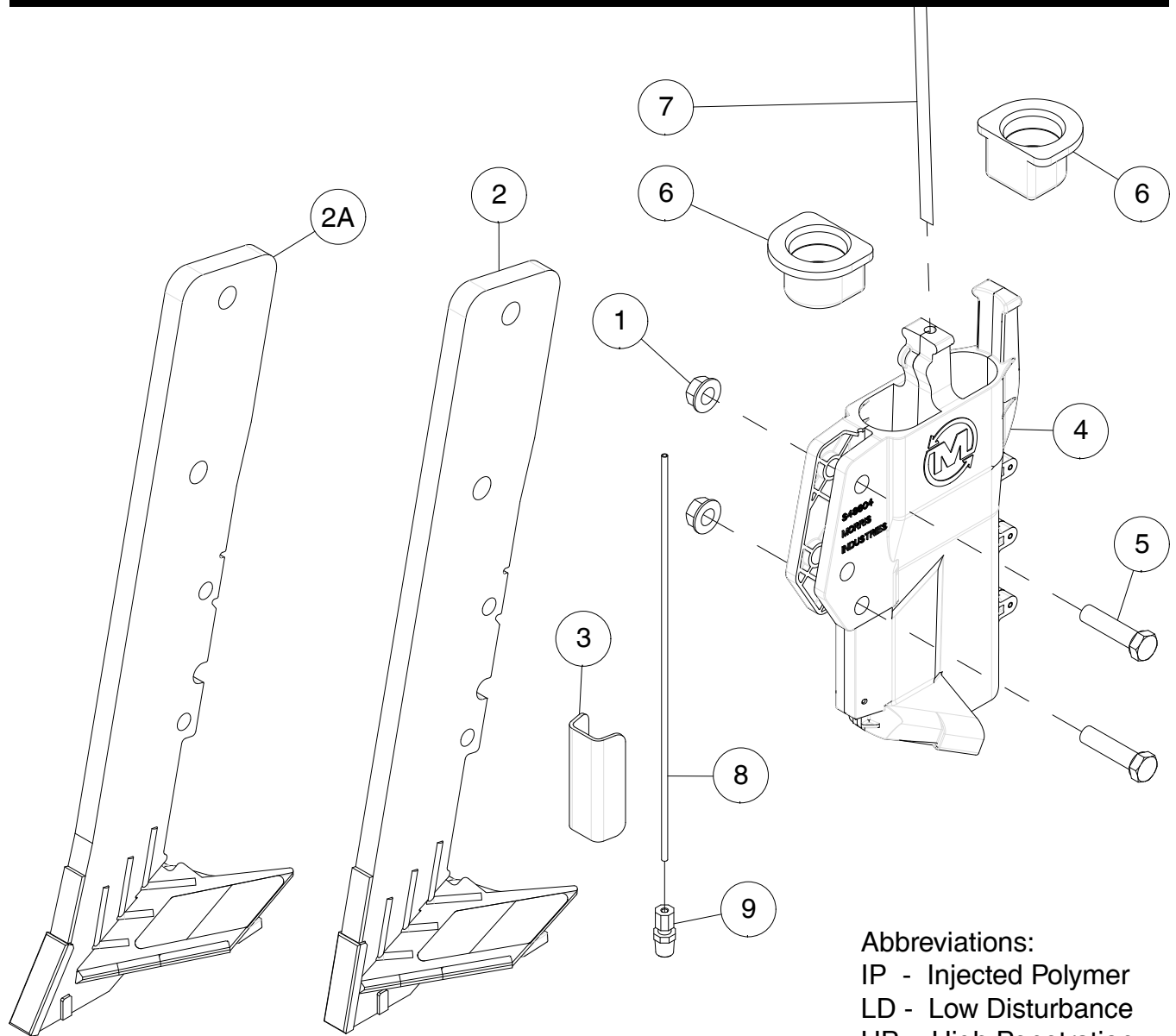
| Item | Part No.      | Description                                                                                    | Qty |
|------|---------------|------------------------------------------------------------------------------------------------|-----|
| 1    | S72060        | Packer Arm - Right.....                                                                        | 1   |
|      | <b>S72292</b> | <b>Pack Force Spindle and Guard Kit. (Includes ALL Items below)</b>                            |     |
| 2    | N14009        | Bearing Cup.....                                                                               | 2   |
| 3    | N14011        | Dust Cap.....                                                                                  | 1   |
| 4    | S-752         | Grease Zerk - 1/4.....                                                                         | 1   |
| 5    | S48842        | V-Seal - 1 1/4 Shaft.....                                                                      | 1   |
| 6    | S48843        | Dust Cap Retaining Wire.....                                                                   | 1   |
| 7    | S48844        | Hub Casting - 1000 Lb - 5 Bolt.....                                                            | 1   |
| 8    | S72200        | Spindle - 1-1/4 Dia - Digi-Star.....                                                           | 1   |
| 9    | S48847        | Seal Counterface.....                                                                          | 1   |
| 10   | S48848        | Seal Retainer.....                                                                             | 1   |
| 11   | W-4187        | Bearing Cone.....                                                                              | 2   |
| 12   | S48849        | Slotted Jam Nut - 3/4.....                                                                     | 1   |
| 13   | W-529         | Cotter Pin - 1/8 x 1 Lg.....                                                                   | 1   |
| 14   | S50246        | Tapered Wheel Nut - 1/2.....                                                                   | 5   |
| 15   | S50247        | Press-In Wheel Stud - 1/2.....                                                                 | 5   |
| 16   | W-476         | Washer - 3/4.....                                                                              | 1   |
| 17   | S72190        | Packer Hub Assembly (Includes Items# 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 & 16)..... | 1   |
| 18   | M-3388        | Lock Nut - 3/8 Unitorque.....                                                                  | 5   |
| 19   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                 | 1   |
| 20   | C-1550        | Hex Bolt - 3/8 x 4 Lg.....                                                                     | 2   |
| 21   | D-5489        | Washer - 13/32 ID x 13/16 OD x 16 GA.....                                                      | 2   |
| 22   | S72094        | Guard -Pack Control - Cast Arm - Right.....                                                    | 1   |

# Opener Packer Wheel Assemblies



| Item | Part No. | Description                                               | Qty |
|------|----------|-----------------------------------------------------------|-----|
| 1    | S44300   | Semi Pneumatic Tire - 480 x 8 .....                       | 1   |
| 2    | S44900   | Semi Pneumatic Tire - 550 x 8 .....                       | 1   |
| 3    | S47093   | “V” Crown Packer Tire - 400 x 8.....                      | 1   |
|      | S73310   | “V” Crown Packer Tire - 4.50 x 8.....                     | 1   |
| 4    | S64195   | 5.5” Otico Tire .....                                     | 1   |
| 5    | S72075   | 4.5” AIC Tire - (Replaces S64194 - 4.5” Otico Tire) ..... | 1   |
|      | S73086   | 4.5” HD Tire .....                                        | 1   |

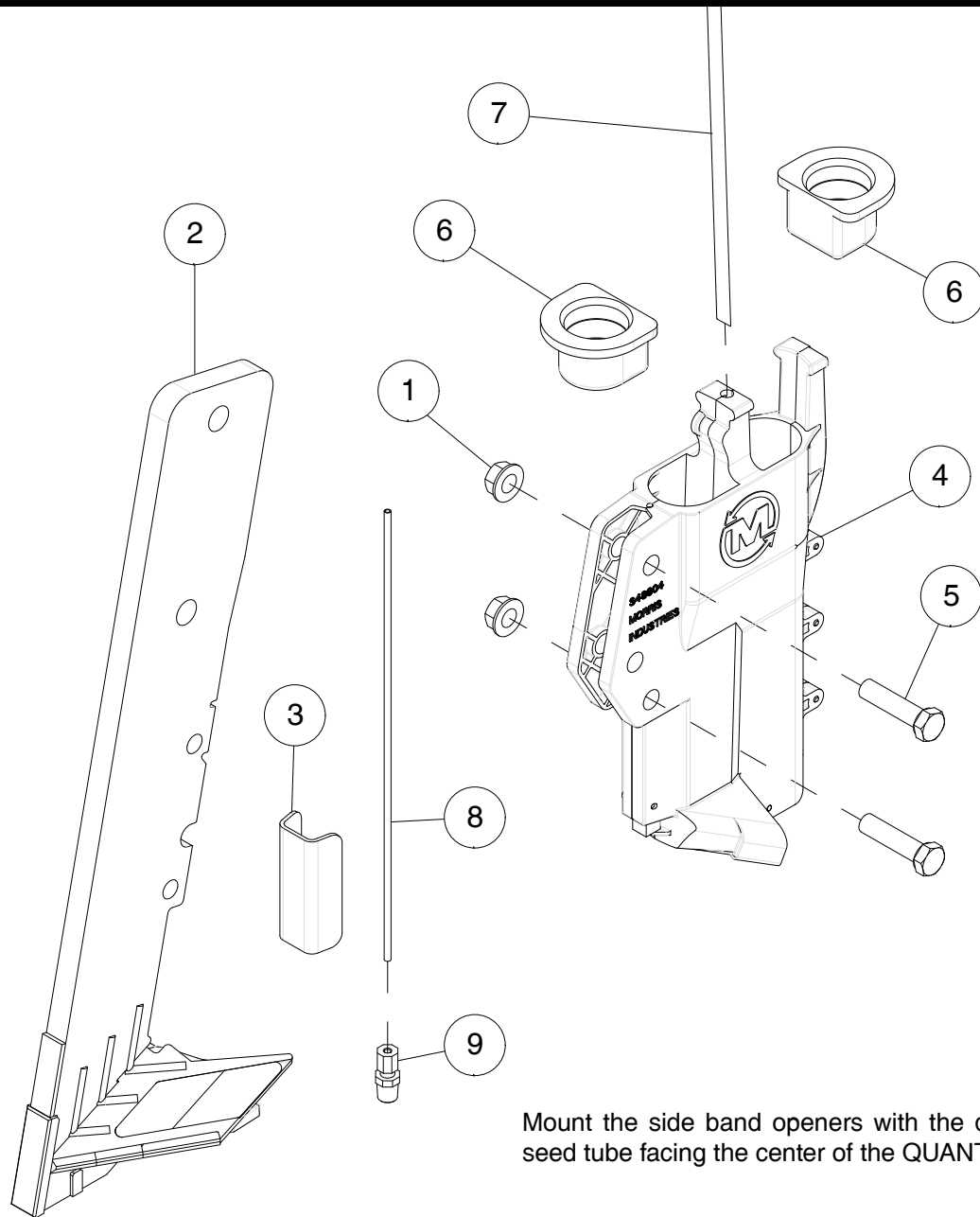
## Seed Boot Injected Polymer Pair Row Kit



Abbreviations:  
 IP - Injected Polymer  
 LD - Low Disturbance  
 HP - High Penetration

| Item | Part No. | Description                                                     | Qty |
|------|----------|-----------------------------------------------------------------|-----|
| 1    | S27987   | Lock Nut - 3/8 Flange W/Center Lock .....                       | 2   |
| 2    | S72185   | Forged Shank W/Carbide - Paired Row LD .....                    | 1   |
| 2A   | S72306   | Forged Shank W/Carbide - Paired Row HP.....                     | 1   |
| 3    | S65074   | Wear Guard - Claded .....                                       | 1   |
| 4    | S56485   | IP Paired Row Seed Boot.....                                    | 1   |
| 5    | W-477    | Hex Bolt - 3/8 x 1 1/2 Lg.....                                  | 2   |
| 6    | S47076   | Secondary Hose Grommet - 15/16 ID Hose - Prior to 2023 .....    | 2   |
| 7    | *****    | Liquid Tube - 1/4 OD - See Liquid Kit Supplier for Tube.....    | 1   |
| 8    | *****    | Injector Tube - 1/8 OD - See NH3 Kit Supplier for Tube .....    | 1   |
| 9    | S48814   | Compression Fitting - 1/8 x 1/8 .....                           | 1   |
|      | S72321   | Kit: Forged Paired Row IP - LD (Contains Items 1, 2, 3, 4 & 5)  |     |
|      | S72322   | Kit: Forged Paired Row IP - HP (Contains Items 1, 2A, 3, 4 & 5) |     |

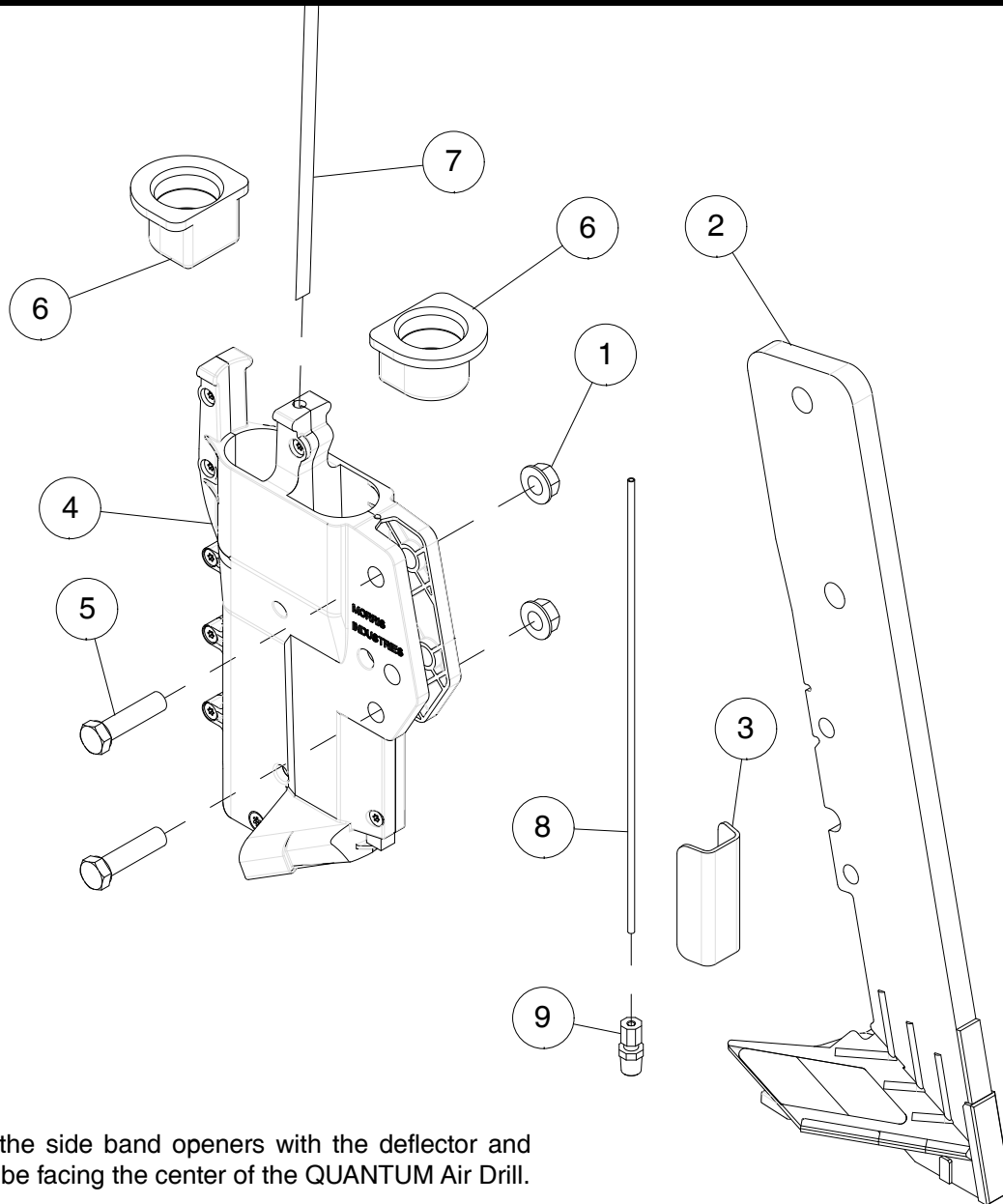
## Seed Boot Injected Polymer Left Sideband Kit



Mount the side band openers with the deflector and seed tube facing the center of the QUANTUM Air Drill.

| Item | Part No. | Description                                                                   | Qty |
|------|----------|-------------------------------------------------------------------------------|-----|
| 1    | S27987   | Lock Nut - 3/8 Flange W/Center Lock .....                                     | 2   |
| 2    | S72309   | Forged Shank W/Carbide - Sideband Left LD .....                               | 1   |
| 3    | S65074   | Wear Guard - Claded .....                                                     | 1   |
| 4    | S56482   | IP (Injected Polymer) Left Sideband Seed Boot.....                            | 1   |
| 5    | W-477    | Hex Bolt - 3/8 x 1 1/2 Lg.....                                                | 2   |
| 6    | S47076   | Secondary Hose Grommet - 15/16 ID Hose - Prior to 2023 .....                  | 2   |
| 7    | *****    | Liquid Tube - 1/4 OD - See Liquid Kit Supplier for Tube.....                  | 1   |
| 8    | *****    | Injector Tube - 1/8 OD - See NH3 Kit Supplier for Tube .....                  | 1   |
| 9    | S48814   | Compression Fitting - 1/8 x 1/8 .....                                         | 1   |
|      | S72324   | Forged Sideband Boot Kit - Left IP - LD (Contains Items 1, 2, 3, 4 & 5) ..... | 1   |

## Seed Boot Injected Polymer Right Side Band Kit

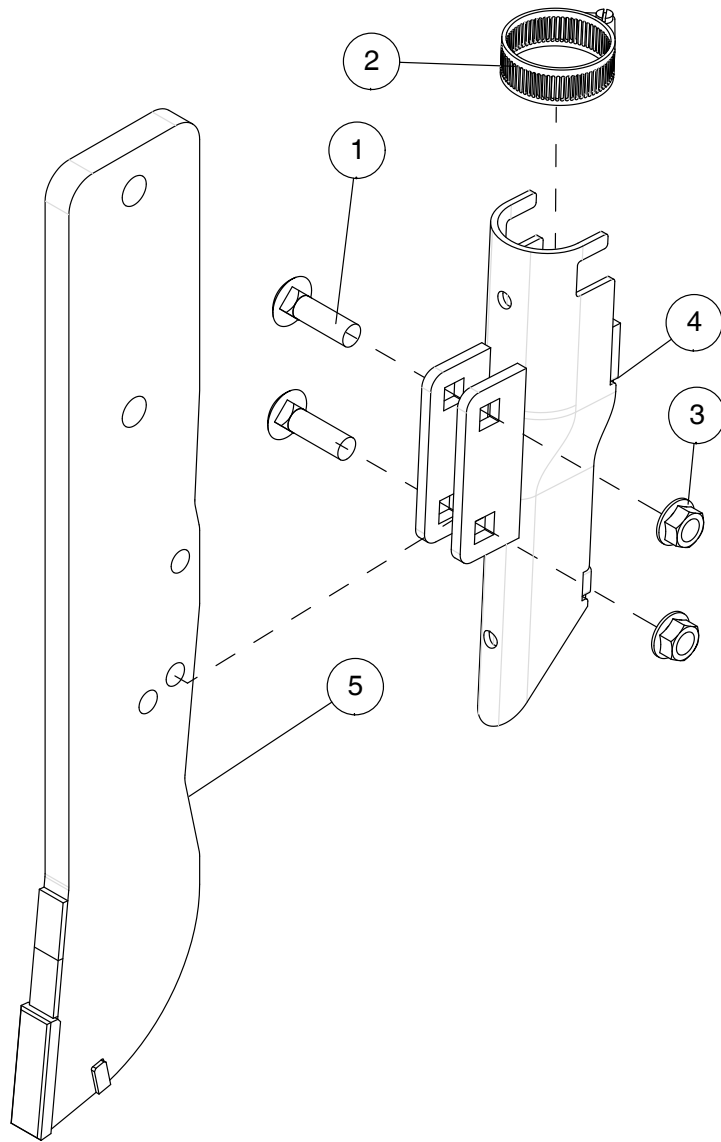


Mount the side band openers with the deflector and seed tube facing the center of the QUANTUM Air Drill.

| Item | Part No. | Description                                                                     | Qty |
|------|----------|---------------------------------------------------------------------------------|-----|
| 1    | S27987   | Lock Nut - 3/8 Flange W/Center Lock .....                                       | 2   |
| 2    | S72308   | Forged Shank W/Carbide - Sideband Right LD.....                                 | 1   |
| 3    | S65074   | Wear Guard - Claded .....                                                       | 1   |
| 4    | S56483   | IP (Injected Polymer) Right Sideband Seed Boot .....                            | 1   |
| 5    | W-477    | Hex Bolt - 3/8 x 1 1/2 Lg.....                                                  | 2   |
| 6    | S47076   | Secondary Hose Grommet - 15/16 ID Hose - Prior to 2023.....                     | 2   |
| 7    | *****    | Liquid Tube - 1/4 OD - See Liquid Kit Supplier for Tube.....                    | 1   |
| 8    | *****    | Injector Tube - 1/8 OD - See NH3 Kit Supplier for Tube .....                    | 1   |
| 9    | S48814   | Compression Fitting - 1/8 x 1/8 .....                                           | 1   |
|      | S72323   | Forged Sideband Boot Kit - Right IP - LD- (Contains Items 1, 2, 3, 4 & 5) ..... | 1   |

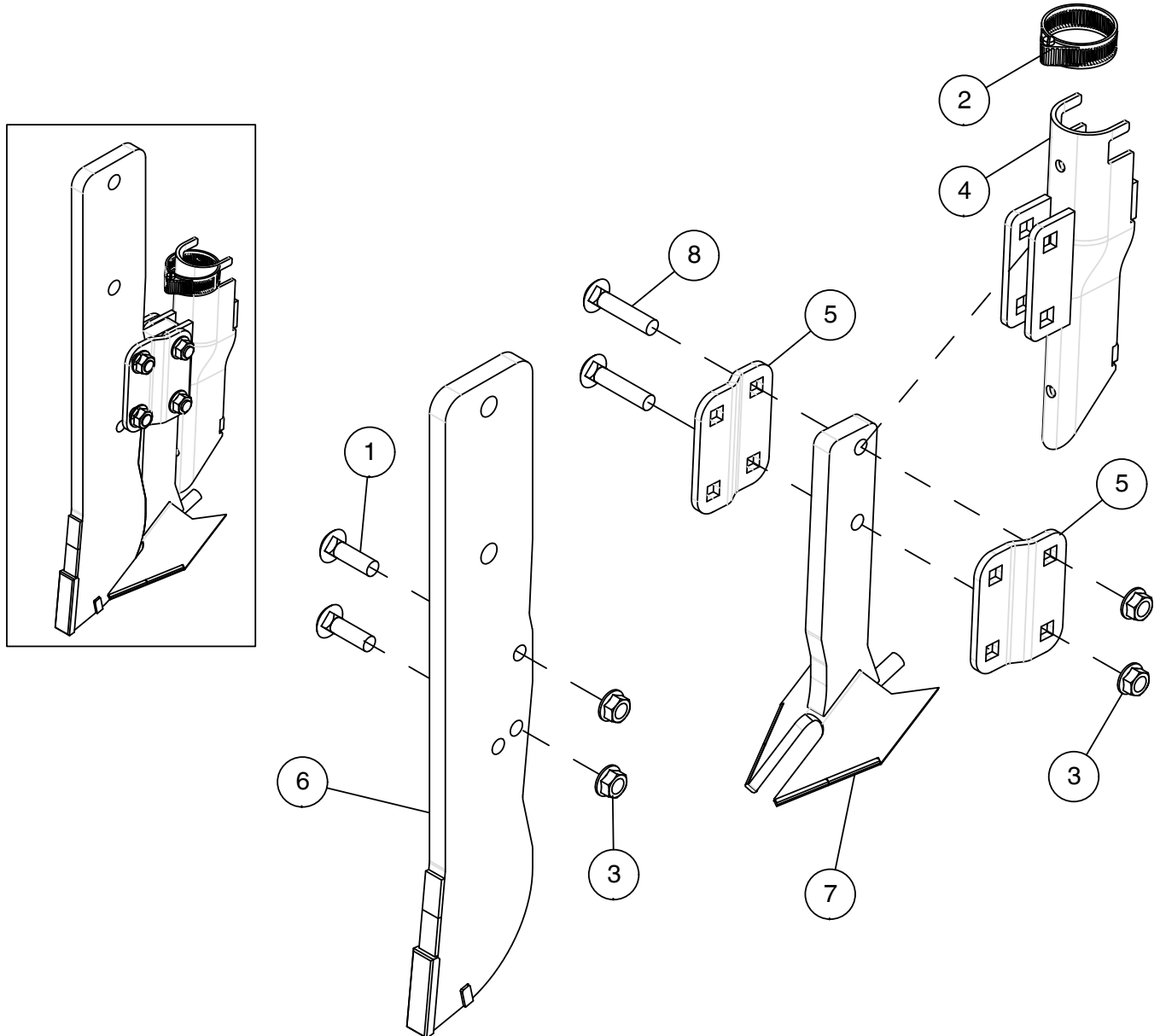


## Seed Boot Single Shoot



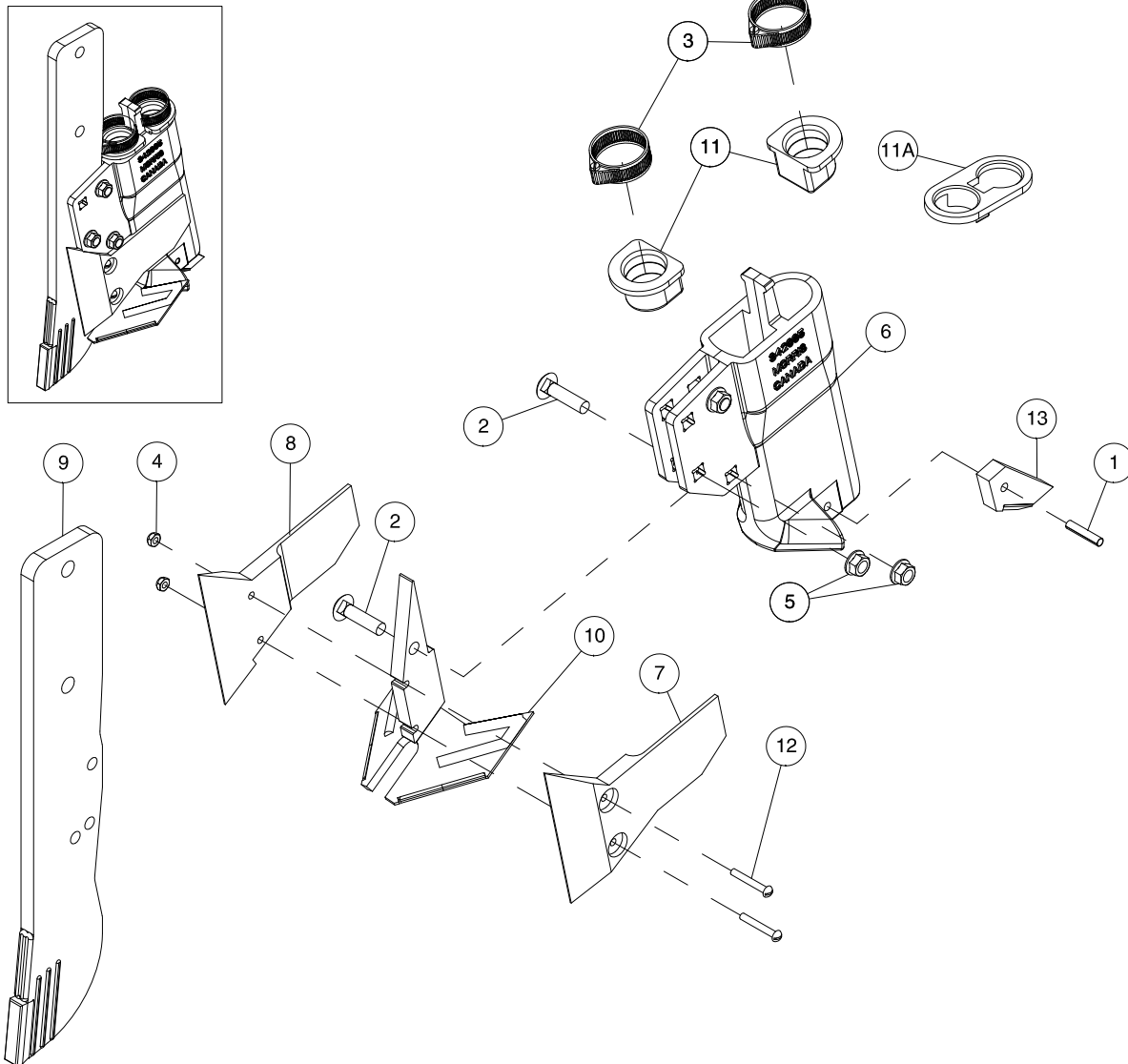
| Item | Part No. | Description                                                   | Qty |
|------|----------|---------------------------------------------------------------|-----|
| 1    | D-5260   | Carriage Bolt - 3/8 x 1-1/4 Lg .....                          | 2   |
| 2    | N11470   | Hose Clamp .....                                              | 1   |
| 3    | S27987   | Center Lock Flange Lock Nut - 3/8 .....                       | 2   |
| 4    | S42865   | Single Shoot Boot .....                                       | 1   |
| 5    | S72310   | Forged Shank W/Carbide .....                                  | 1   |
|      | S72325   | Forged Single Shoot Assembly - (Includes Items 1, 3, 4 and 5) |     |

# Seed Boot Single Shoot 3" Spreader



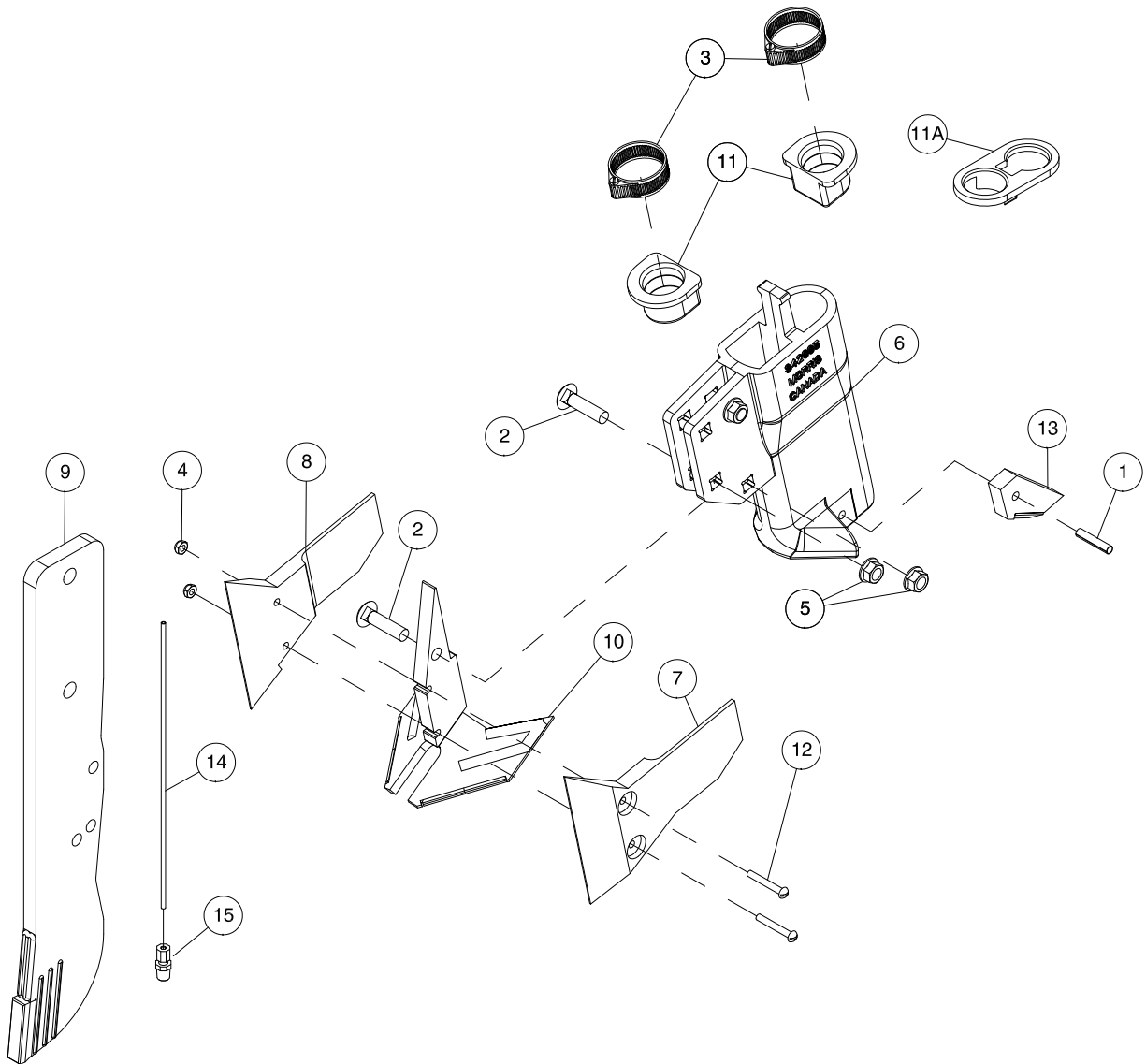
| Item | Part No. | Description                             | Qty |
|------|----------|-----------------------------------------|-----|
| 1    | D-5260   | Carriage Bolt - 3/8 x 1-1/4 Lg .....    | 2   |
| 2    | N11470   | Hose Clamp .....                        | 1   |
| 3    | S27987   | Center Lock Flange Lock Nut - 3/8 ..... | 4   |
| 4    | S42865   | Single Shoot Boot .....                 | 1   |
| 5    | S45269   | Mounting Plate .....                    | 2   |
| 6    | S72310   | Forged Shank W/Carbide .....            | 1   |
| 7    | S47337   | 3" Wear Shovel .....                    | 1   |
| 8    | S31980   | Carriage Bolt - 3/8 x 1-3/4 Lg .....    | 2   |

## Seed Boot Double Shoot - Paired Row



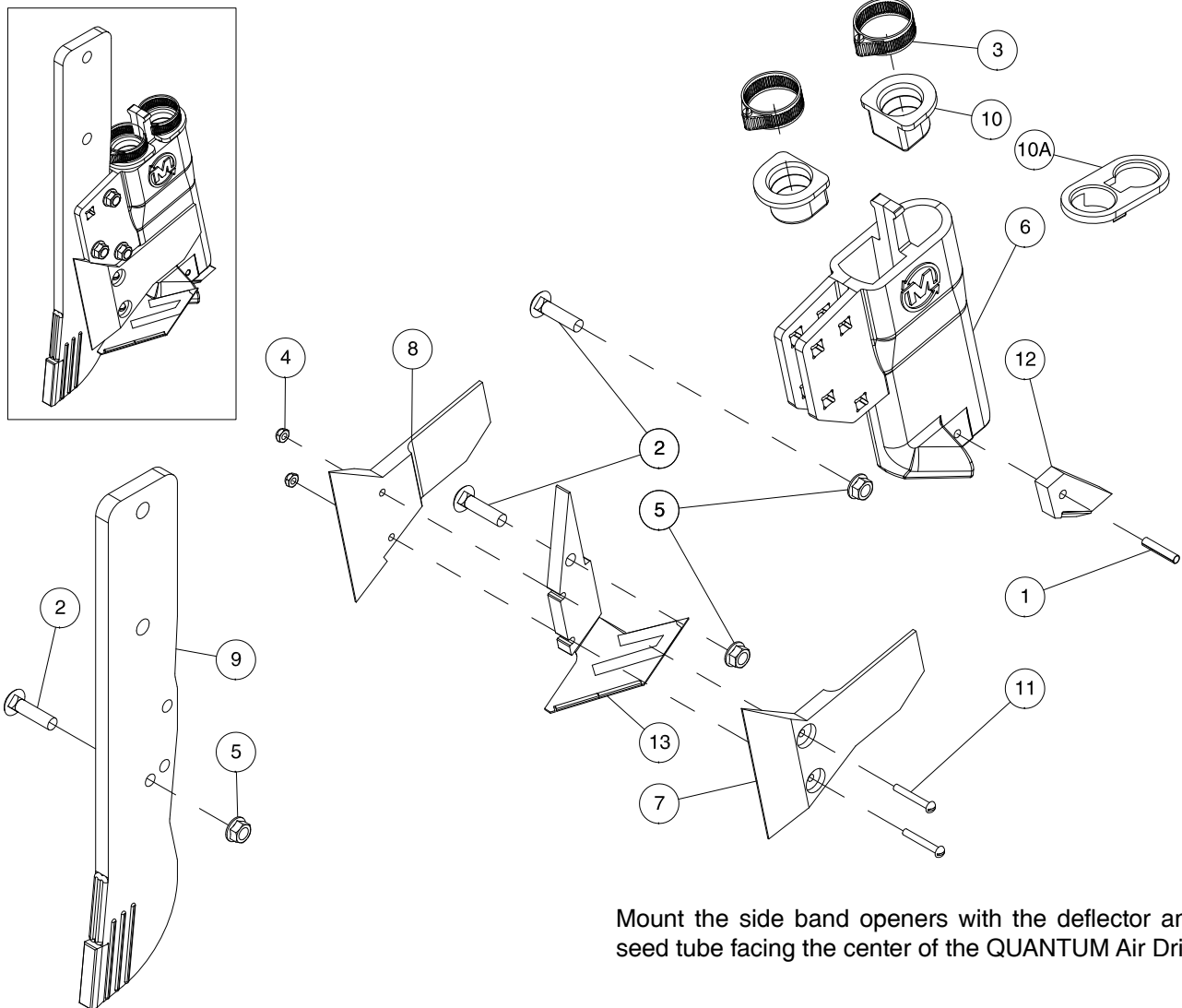
| Item | Part No. | Description                                                         | Qty |
|------|----------|---------------------------------------------------------------------|-----|
| 1    | D-5243   | Roll Pin.....                                                       | 1   |
| 2    | D-5261   | Carriage Bolt - 3/8 x 1-1/2 Lg .....                                | 3   |
| 3    | N11470   | Hose Clamp .....                                                    | 2   |
| 4    | N37787   | Nylon Insert Locknut - #10-24 .....                                 | 2   |
| 5    | S27987   | Center Lock Flange Lock Nut - 3/8 .....                             | 3   |
| 6    | S42965   | Cast Double Shoot Boot .....                                        | 1   |
| 7    | S45312   | Mud Guard Option Left.....                                          | 1   |
| 8    | S45313   | Mud Guard Option Right .....                                        | 1   |
| 9    | S72310   | Forged Shank W/Carbide .....                                        | 1   |
| 10   | S45470   | Paired Row Shovel .....                                             | 1   |
| 11   | S47076   | Secondary Hose Grommet Option - 15/16 ID Hose - Prior to 2023 ..... | 2   |
| 11A  | S50245   | Secondary Hose Grommet Option - 1.125 ID Hose                       |     |
| 12   | S47128   | Machine Screw - #10-24 x 1 3/8.....                                 | 2   |
| 13   | S47980   | Carbide Wear Tail.....                                              | 1   |
|      | S46181   | Kit - Mud Guards (Includes Items 4, 7, 8, and 12)                   |     |

## Seed Boot Double Shoot - High Pressure NH3 Kit



| Item | Part No. | Description                                                         | Qty |
|------|----------|---------------------------------------------------------------------|-----|
| 1    | D-5243   | Roll Pin.....                                                       | 1   |
| 2    | D-5261   | Carriage Bolt - 3/8 x 1-1/2 Lg .....                                | 3   |
| 3    | N11470   | Hose Clamp .....                                                    | 2   |
| 4    | N37787   | Nylon Insert Locknut - #10-24 .....                                 | 2   |
| 5    | S27987   | Center Lock Flange Lock Nut - 3/8 .....                             | 3   |
| 6    | S42965   | Cast Double Shoot Boot .....                                        | 1   |
| 7    | S45312   | Mud Guard Option Left.....                                          | 1   |
| 8    | S45313   | Mud Guard Option Right.....                                         | 1   |
| 9    | S72310   | Forged Shank W/Carbide.....                                         | 1   |
| 10   | S45470   | Paired Row Shovel .....                                             | 1   |
| 11   | S47076   | Secondary Hose Grommet Option - 15/16 ID Hose - Prior to 2023 ..... | 2   |
| 11A  | S50245   | Secondary Hose Grommet Option - 1.125 ID Hose .....                 |     |
| 12   | S47128   | Machine Screw - #10-24 x 1 3/8.....                                 | 2   |
| 13   | S47980   | Carbide Wear Tail.....                                              | 1   |
| 14   | S48813   | NH3 Injector Tube - 1/8 OD x 10 Lg T304 Stainless Tube .....        | 1   |
| 15   | S48814   | Compression Fitting - 1/8 Tube x 1/8 Male Pipe .....                | 1   |
|      | S46384   | Kit - High Pressure Anhydrous (Includes Items 15 and 16)            |     |

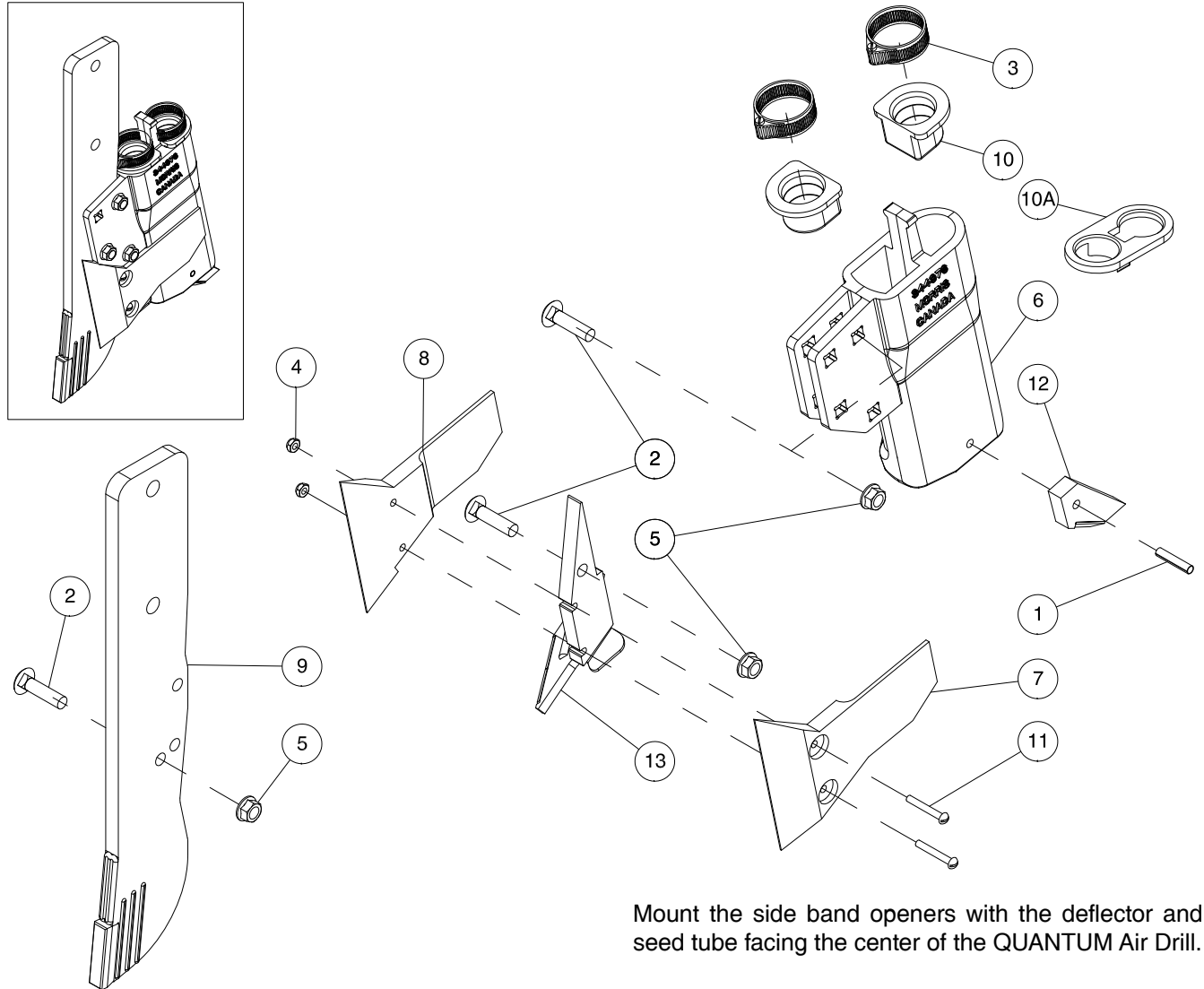
## Seed Boot Double Shoot - Side Band - Left



Mount the side band openers with the deflector and seed tube facing the center of the QUANTUM Air Drill.

| Item | Part No. | Description                                                         | Qty |
|------|----------|---------------------------------------------------------------------|-----|
| 1    | D-5243   | Roll Pin.....                                                       | 1   |
| 2    | D-5261   | Carriage Bolt - 3/8 x 1-1/2 Lg .....                                | 3   |
| 3    | N11470   | Hose Clamp .....                                                    | 2   |
| 4    | N37787   | Nylon Insert Locknut - #10-24 .....                                 | 2   |
| 5    | S27987   | Center Lock Flange Lock Nut - 3/8 .....                             | 3   |
| 6    | S44977   | Cast Double Shoot Boot - Side Band - Left.....                      | 1   |
| 6A   | S51469   | Cast Double Shoot Boot - Side Band - Left - Carbide                 |     |
| 7    | S45312   | Mud Guard Option Left.....                                          | 1   |
| 8    | S45313   | Mud Guard Option Right .....                                        | 1   |
| 9    | S72310   | Forged Shank.....                                                   | 1   |
| 10   | S47076   | Secondary Hose Grommet Option - 15/16 ID Hose - Prior to 2023 ..... | 2   |
| 10A  | S50245   | Secondary Hose Grommet Option - 1.125 ID Hose                       |     |
| 11   | S47128   | Machine Screw - #10-24 x 1-3/8.....                                 | 2   |
| 12   | S47980   | Carbide Wear Tail.....                                              | 1   |
| 13   | S49536   | Side Band Shovel.....                                               | 1   |
|      | S46181   | Kit - Mud Guards (Includes Items 4, 7, 8, and 11)                   |     |

## Seed Boot Double Shoot - Side Band Boot - Right



Mount the side band openers with the deflector and seed tube facing the center of the QUANTUM Air Drill.

| Item | Part No. | Description                                                         | Qty |
|------|----------|---------------------------------------------------------------------|-----|
| 1    | D-5243   | Roll Pin - 1/4 x 1 1/4 Lg.....                                      | 1   |
| 2    | D-5261   | Carriage Bolt - 3/8 x 1-1/2 Lg .....                                | 3   |
| 3    | N11470   | Hose Clamp .....                                                    | 2   |
| 4    | N37787   | Nylon Insert Locknut - #10-24 .....                                 | 2   |
| 5    | S27987   | Center Lock Flange Lock Nut - 3/8 .....                             | 3   |
| 6    | S44976   | Cast Double Shoot Boot - Side Band - Right .....                    | 1   |
| 6A   | S51470   | Cast Double Shoot Boot - Side Band - Right - Carbide                |     |
| 7    | S45312   | Mud Guard Option Left.....                                          | 1   |
| 8    | S45313   | Mud Guard Option Right .....                                        | 1   |
| 9    | S72310   | Forged Shank.....                                                   | 1   |
| 10   | S47076   | Secondary Hose Grommet Option - 15/16 ID Hose - Prior to 2023 ..... | 2   |
| 10A  | S50245   | Secondary Hose Grommet Option- 1.125 ID Hose                        |     |
| 11   | S47128   | Machine Screw - #10-24 x 1-3/8.....                                 | 2   |
| 12   | S47980   | Carbide Wear Tail.....                                              | 1   |
| 13   | S49537   | Side Band Shovel - Right.....                                       | 1   |
|      | S46181   | Kit - Mud Guards (Includes Items 4, 7, 8, and 11)                   |     |

## Notes



# Section 4: Hydraulics

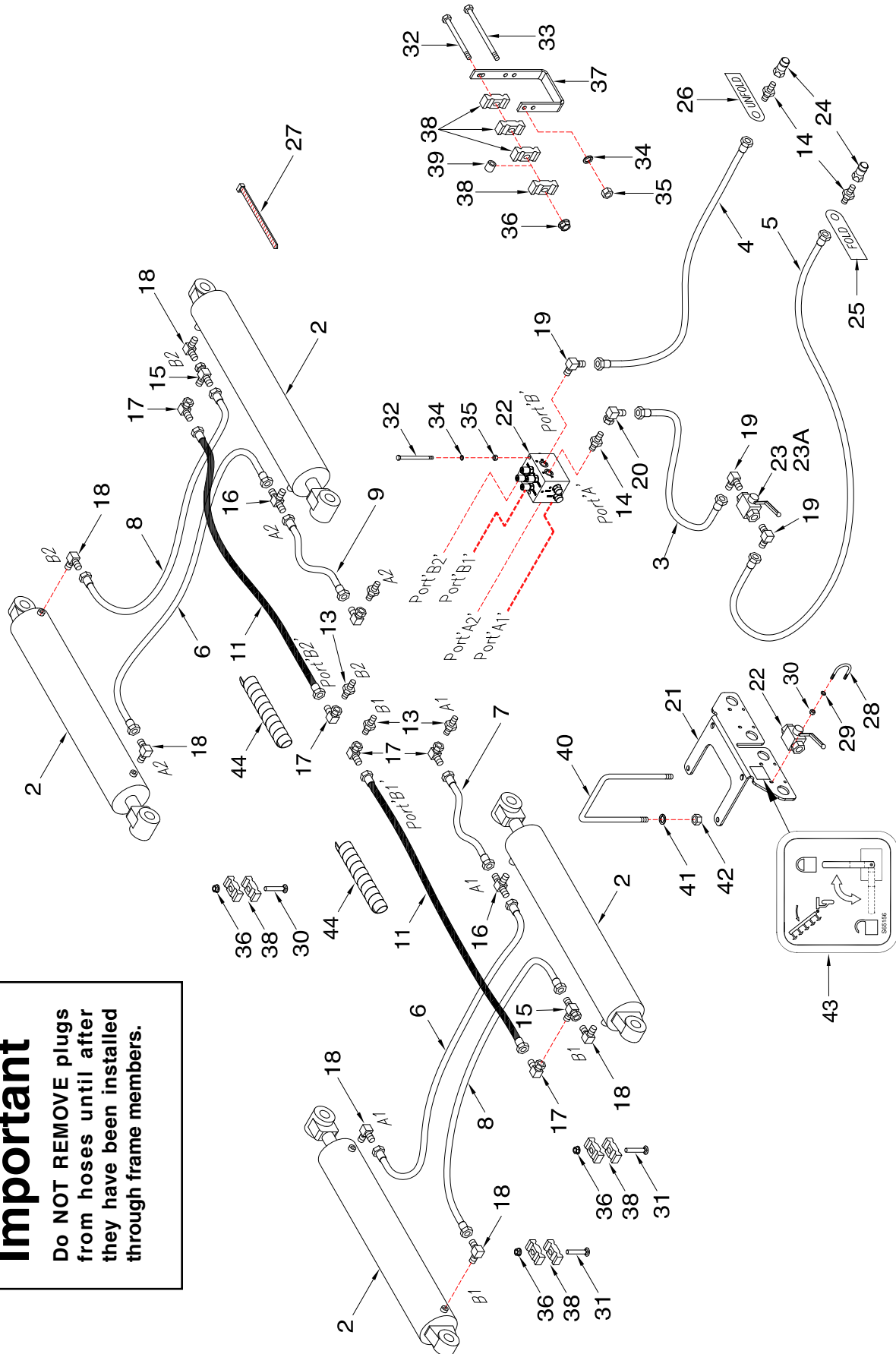
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# Wing Lift Hydraulics 40 ft - 12m

## Important

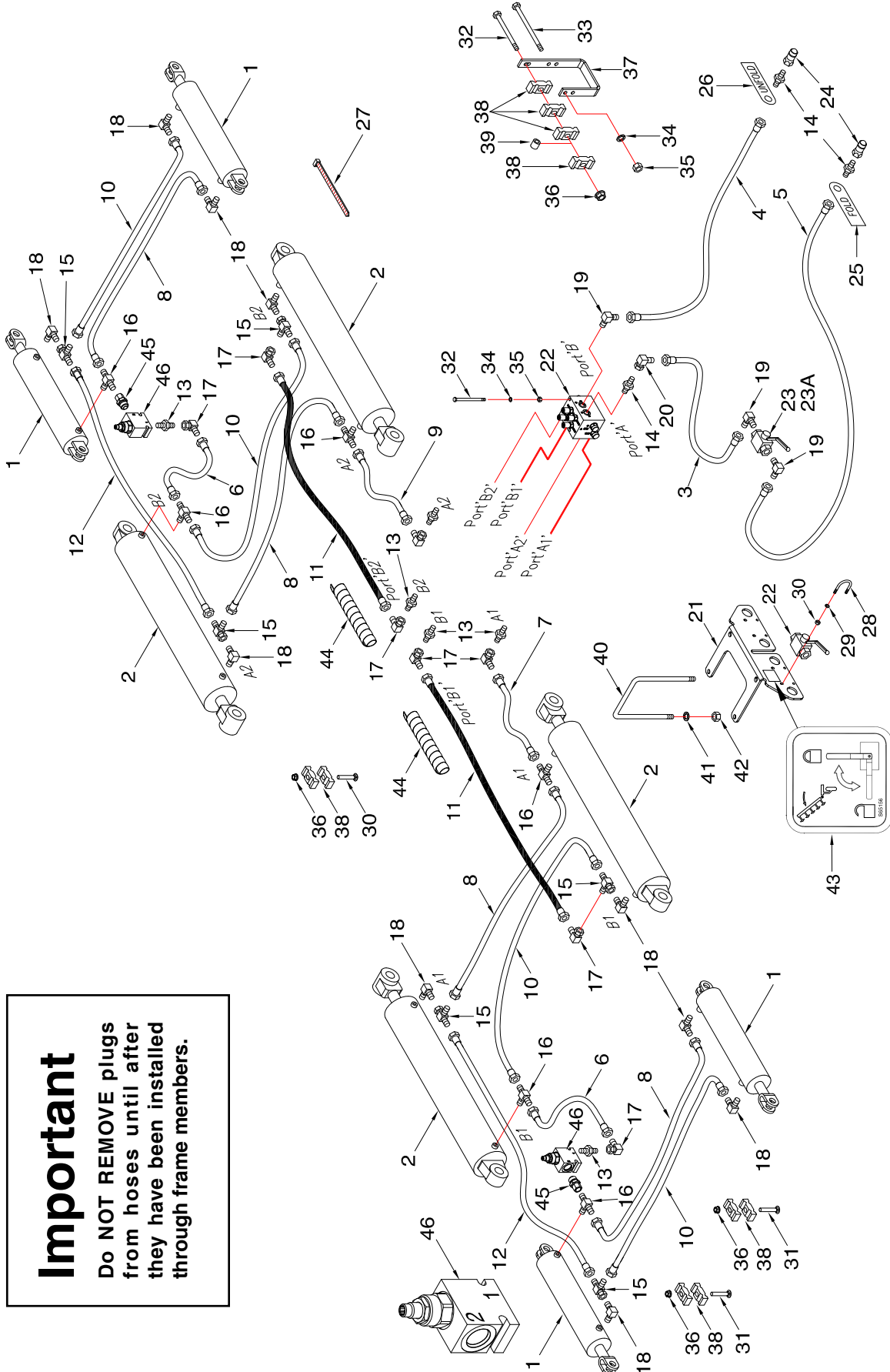
Do NOT REMOVE plugs from hoses until after they have been installed through frame members.



## Wing Lift Hydraulics - 40 ft - 12m

| Item | Part No. | Description                                                      | Qty |
|------|----------|------------------------------------------------------------------|-----|
| 1    | *****    |                                                                  |     |
| 2    | C64930   | Cylinder - 5 x 36.....                                           | 4   |
|      | C64920   | Cylinder - 6 x 36 - Prior to November 2018                       |     |
| 3    | N53211   | Hyd Hose - 1/2 x 120 Lg - 7/8-14 FJIC Ends.....                  | 1   |
| 4    | S39539   | Hyd Hose - 1/2 x 330 Lg - 7/8-14 FJIC Ends.....                  | 1   |
| 5    | C29565   | Hyd Hose - 1/2 x 360 Lg - 7/8-14 FJIC Ends.....                  | 1   |
| 6    | S65408   | Hyd Hose - 3/8 x 96 Lg - #6 9/16-18 FJIC Ends.....               | 2   |
| 7    | S65409   | Hyd Hose - 3/8 x 108 Lg - 9/16-18 FJIC Ends.....                 | 1   |
| 8    | S65421   | Hyd Hose - 3/8 x 132 Lg - #6 9/16-18 FJIC Ends.....              | 2   |
| 9    | S65419   | Hyd Hose - 3/8 x 120 Lg - #6 9/16-18 FJIC Ends.....              | 1   |
| 10   | *****    |                                                                  |     |
| 11   | S65398   | Hyd Hose - 3/8 x 150 Lg - #6 9/16-18 FJIC Ends.....              | 2   |
| 12   | *****    |                                                                  |     |
| 13   | C15348   | Connector - 3/4-16 MORB x 9/16-18 MJIC.....                      | 4   |
| 14   | C14840   | Connector - 3/4-16 MORB x 7/8-14 MJIC.....                       | 3   |
| 15   | C-4403   | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....      | 2   |
| 16   | N31908   | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 MORB.....            | 2   |
| 17   | S29967   | 90 Elbow - Swivel - 9/16-18 (#06) FJIC x 9/16-18 (#06) MJIC..... | 6   |
| 18   | N16143   | 90 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB.....          | 6   |
| 19   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                        | 3   |
| 20   | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                        | 1   |
| 21   | S65129   | Multi-Valve Mounting Plate.....                                  | 1   |
| 22   | C53849   | Manifold - Pressure Compensated Flow Control.....                | 1   |
| 23   | N42880   | Valve - 2 Way Ball.....                                          | 1   |
| 23A  | N42881   | Handle - Valve.....                                              | 1   |
| 24   | N34443   | Male Pioneer Tip - 3/4-16 ORB.....                               | 2   |
| 25   | S29960   | Tag - Hose ID - Wing Lift - FOLD.....                            | 1   |
| 26   | S29961   | Tag - Hose ID - Wing Lift - UNFOLD.....                          | 1   |
| 27   | D-4951   | Nylon Tie Strap - 3/16 x 7 3/8.....                              | 80  |
| 28   | N34319   | U-Bolt - 1/4 x 1 1/2 x 1 3/4 Lg.....                             | 2   |
| 29   | W-521    | Lockwasher - 1/4.....                                            | 4   |
| 30   | W-512    | Hex Nut - 1/4.....                                               | 4   |
| 31   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg.....                              | 4   |
| 32   | C-3918   | Hex Bolt - 3/8 x 5 Lg.....                                       | 6   |
| 33   | N19678   | Hex Bolt - 3/8 x 7 Lg.....                                       | 4   |
| 34   | W-523    | Lockwasher - 3/8.....                                            | 6   |
| 35   | W-514    | Hex Nut - 3/8.....                                               | 6   |
| 36   | S27987   | Locknut - 3/8 Flanged Centre Lock.....                           | 8   |
| 37   | S65128   | Oil Line Bracket.....                                            | 4   |
| 38   | C-4698   | Oil Line Clamp.....                                              | 24  |
| 39   | N16257   | Bushing - Spacer.....                                            | 4   |
| 40   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                 | 2   |
| 41   | W-525    | Lockwasher - 1/2.....                                            | 4   |
| 42   | W-516    | Hex Nut - 1/2.....                                               | 4   |
| 43   | S65156   | Decal ISO - Wings Lock.....                                      | 1   |
| 44   | N56957   | Flex Hose Cover - 1 1/2 Dia x 48 Lg - Flexible Coil.....         | 2   |

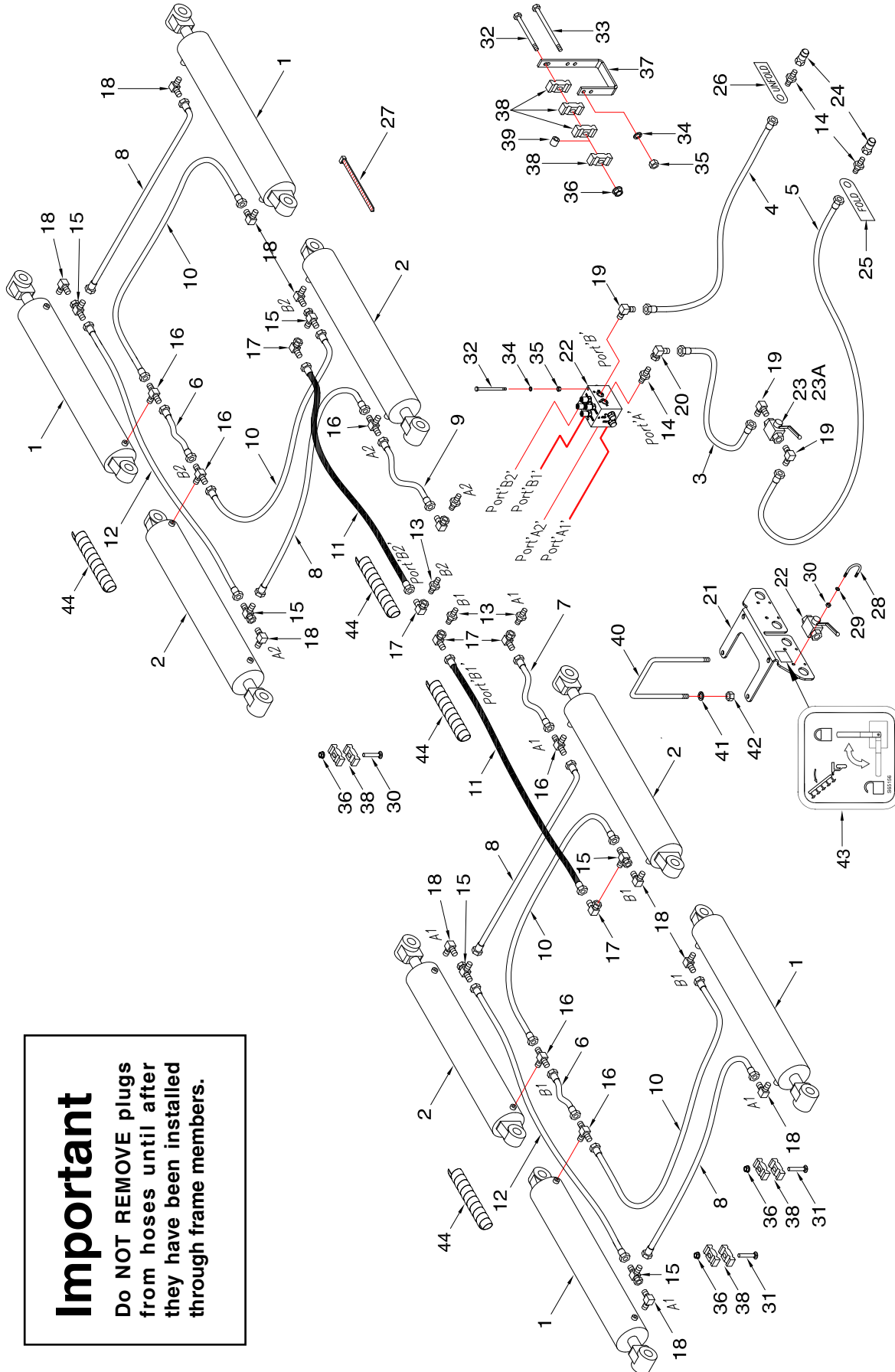
# Wing Lift Hydraulics 50 ft - 15m



## Wing Lift Hydraulics - 50 ft - 15m

| Item | Part No.      | Description                                                              | Qty      |
|------|---------------|--------------------------------------------------------------------------|----------|
| 1    | C65366        | Cylinder - 4 1/2 x 18 (50 ft) .....                                      | 4        |
| 2    | C64930        | Cylinder - 5 x 36.....                                                   | 4        |
|      | C64920        | Cylinder - 6 x 36 - Prior to November 2018                               |          |
| 3    | N53211        | Hyd Hose - 1/2 x 120 Lg - /7/8-14 FJIC Ends.....                         | 1        |
| 4    | S39539        | Hyd Hose - 1/2 x 330 Lg - 7/8-14 FJIC Ends.....                          | 1        |
| 5    | C29565        | Hyd Hose - 1/2 x 360 Lg - 7/8-14 FJIC Ends.....                          | 1        |
| 6    | S65397        | Hyd Hose - 3/8 x 80 Lg - 9/16-18 FJIC Ends (50 ft) .....                 | 2        |
| 7    | S65409        | Hyd Hose - 3/8 x 108 Lg - 9/16-18 FJIC Ends.....                         | 1        |
| 8    | S65408        | Hyd Hose - 3/8 x 96 Lg - #6 9/16-18 FJIC Ends.....                       | 4        |
| 9    | S65419        | Hyd Hose - 3/8 x 120 Lg - #6 9/16-18 FJIC Ends.....                      | 1        |
| 10   | S65421        | Hyd Hose - 3/8 x 132 Lg - #6 9/16-18 FJIC Ends.....                      | 4        |
| 11   | S65398        | Hyd Hose - 3/8 x 150 Lg - #6 9/16-18 FJIC Ends.....                      | 2        |
| 12   | S65411        | Hyd Hose - 3/8 x 168 Lg - #6 9/16-18 FJIC Ends (50 ft).....              | 2        |
| 13   | <b>C15348</b> | <b>Connector - 3/4-16 MORB x 9/16-18 MJIC.....</b>                       | <b>6</b> |
| 14   | C14840        | Connector - 3/4-16 MORB x 7/8-14 MJIC .....                              | 3        |
| 15   | C-4403        | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....              | 6        |
| 16   | N31908        | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 MORB .....                   | 6        |
| 17   | <b>S29967</b> | <b>90 Elbow - Swivel - 9/16-18 (#06) FJIC x 9/16-18 (#06) MJIC .....</b> | <b>8</b> |
| 18   | N16143        | 90 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB .....                 | 10       |
| 19   | C24585        | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                | 3        |
| 20   | K-5806        | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                | 1        |
| 21   | S65129        | Multi-Valve Mounting Plate .....                                         | 1        |
| 22   | C53849        | Manifold - Pressure Compensated Flow Control.....                        | 1        |
| 23   | N42880        | Valve - 2 Way Ball .....                                                 | 1        |
| 23A  | N42881        | Handle - Valve.....                                                      | 1        |
| 24   | N34443        | Male Pioneer Tip - 3/4-16 ORB.....                                       | 2        |
| 25   | S29960        | Tag - Hose ID - Wing Lift - FOLD .....                                   | 1        |
| 26   | S29961        | Tag - Hose ID - Wing Lift - UNFOLD .....                                 | 1        |
| 27   | D-4951        | Nylon Tie Strap - 3/16 x 7 3/8.....                                      | 80       |
| 28   | N34319        | U-Bolt - 1/4 x 1 1/2 x 1 3/4 Lg.....                                     | 2        |
| 29   | W-521         | Lockwasher - 1/4 .....                                                   | 4        |
| 30   | W-512         | Hex Nut - 1/4.....                                                       | 4        |
| 31   | W14501        | Carriage Bolt - 3/8 x 2 1/4 Lg.....                                      | 8        |
| 32   | C-3918        | Hex Bolt - 3/8 x 5 Lg .....                                              | 6        |
| 33   | N19678        | Hex Bolt - 3/8 x 7 Lg .....                                              | 4        |
| 34   | W-523         | Lockwasher - 3/8 .....                                                   | 6        |
| 35   | W-514         | Hex Nut - 3/8.....                                                       | 6        |
| 36   | S27987        | Locknut - 3/8 Flanged Centre Lock.....                                   | 12       |
| 37   | S65128        | Oil Line Bracket .....                                                   | 4        |
| 38   | C-4698        | Oil Line Clamp.....                                                      | 32       |
| 39   | N16257        | Bushing - Spacer .....                                                   | 4        |
| 40   | H25628        | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                         | 2        |
| 41   | W-525         | Lockwasher - 1/2 .....                                                   | 4        |
| 42   | W-516         | Hex Nut - 1/2.....                                                       | 4        |
| 43   | S65156        | Decal ISO - Wings Lock.....                                              | 1        |
| 44   | N56957        | Flex Hose Cover - 1 1/2 Dia x 48 Lg - Flexible Coil .....                | 2        |
| 45   | <b>S68920</b> | <b>Connector - 3/4-16 (#08) MORB x 9/16-18 (#06) FJIC.....</b>           | <b>2</b> |
| 46   | <b>S68925</b> | <b>Valve - Flow Control.....</b>                                         | <b>2</b> |

# Wing Lift Hydraulics 60 ft and 70 ft - 18m and 21m



## Important

Do NOT REMOVE plugs from hoses until after they have been installed through frame members.

## Wing Lift Hydraulics - 60 ft and 70 ft - 18m and 21m

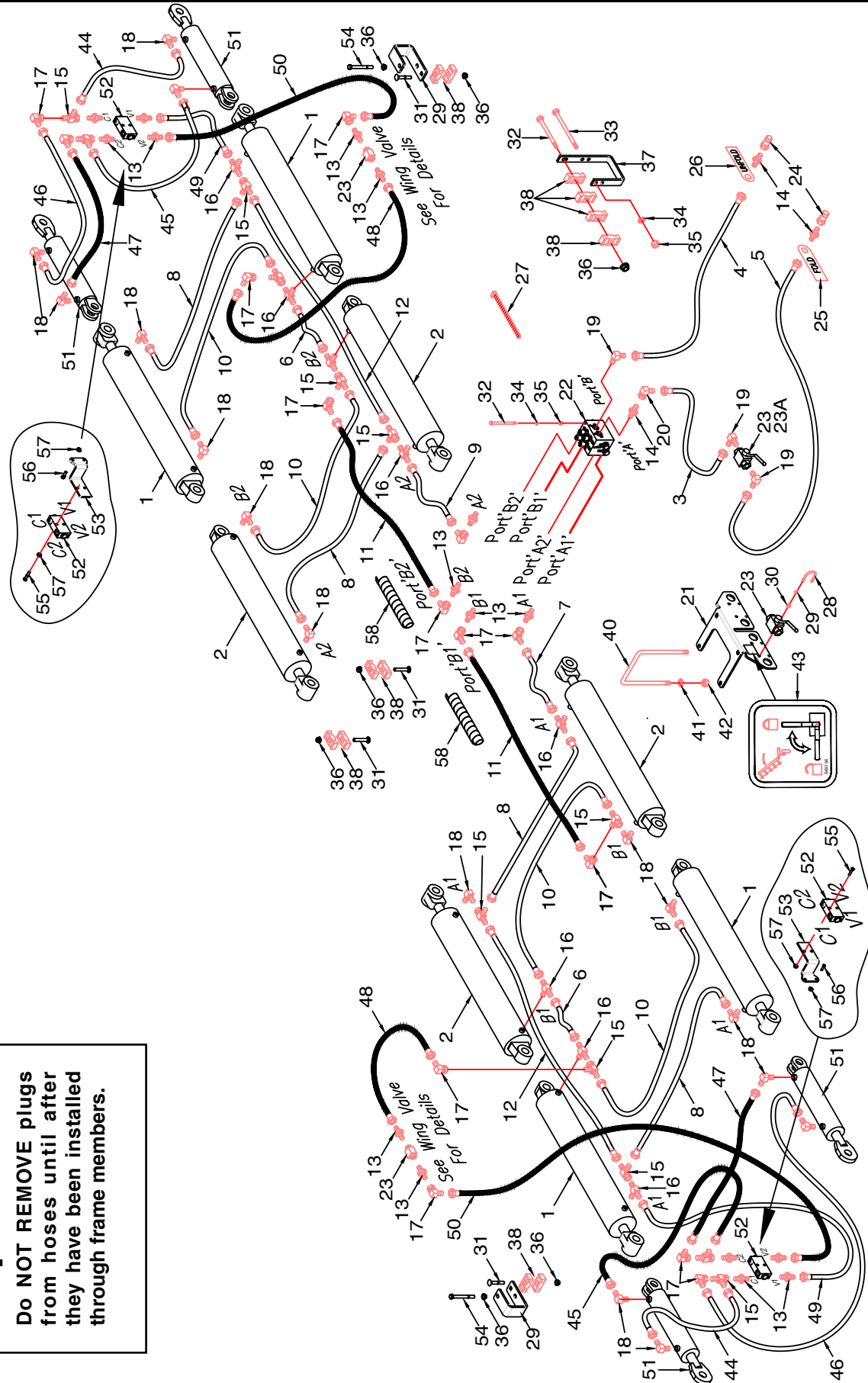
| Item | Part No. | Description                                                      | Qty |
|------|----------|------------------------------------------------------------------|-----|
| 1    | C64930   | Cylinder - 5 x 36 (60 ft & 70 ft) .....                          | 4   |
| 2    | C64920   | Cylinder - 6 x 36.....                                           | 4   |
| 3    | N53211   | Hyd Hose - 1/2 x 120 Lg - /7/8-14 FJIC Ends.....                 | 1   |
| 4    | S39539   | Hyd Hose - 1/2 x 330 Lg - 7/8-14 FJIC Ends.....                  | 1   |
| 5    | C29565   | Hyd Hose - 1/2 x 360 Lg - 7/8-14 FJIC Ends.....                  | 1   |
| 6    | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC Ends (60 ft) .....      | 2   |
|      | S65407   | Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC Ends (70 ft) .....         | 2   |
| 7    | S65409   | Hyd Hose - 3/8 x 108 Lg - 9/16-18 FJIC Ends.....                 | 1   |
| 8    | S65408   | Hyd Hose - 3/8 x 96 Lg - #6 9/16-18 FJIC Ends.....               | 4   |
| 9    | S65419   | Hyd Hose - 3/8 x 120 Lg - #6 9/16-18 FJIC Ends.....              | 1   |
| 10   | S65421   | Hyd Hose - 3/8 x 132 Lg - #6 9/16-18 FJIC Ends.....              | 4   |
| 11   | S65398   | Hyd Hose - 3/8 x 150 Lg - #6 9/16-18 FJIC Ends.....              | 2   |
| 12   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends (60 ft).....      | 2   |
|      | S65398   | Hyd Hose - 3/8 x 150 Lg - #6 9/16-18 FJIC Ends (70 ft).....      | 2   |
| 13   | C15348   | Connector - 3/4-16 MORB x 9/16-18 MJIC .....                     | 4   |
| 14   | C14840   | Connector - 3/4-16 MORB x 7/8-14 MJIC .....                      | 3   |
| 15   | C-4403   | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....      | 6   |
| 16   | N31908   | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 MORB .....           | 6   |
| 17   | S29967   | 90 Elbow - Swivel - 9/16-18 (#06) FJIC x 9/16-18 (#06) MJIC..... | 6   |
| 18   | N16143   | 90 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB .....         | 10  |
| 19   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                        | 3   |
| 20   | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                        | 1   |
| 21   | S65129   | Multi-Valve Mounting Plate .....                                 | 1   |
| 22   | C53849   | Manifold - Pressure Compensated Flow Control.....                | 1   |
| 23   | N42880   | Valve - 2 Way Ball .....                                         | 1   |
| 23A  | N42881   | Handle - Valve.....                                              | 1   |
| 24   | N34443   | Male Pioneer Tip - 3/4-16 ORB.....                               | 2   |
| 25   | S29960   | Tag - Hose ID - Wing Lift - FOLD .....                           | 1   |
| 26   | S29961   | Tag - Hose ID - Wing Lift - UNFOLD .....                         | 1   |
| 27   | D-4951   | Nylon Tie Strap - 3/16 x 7 3/8.....                              | 80  |
| 28   | N34319   | U-Bolt - 1/4 x 1 1/2 x 1 3/4 Lg.....                             | 2   |
| 29   | W-521    | Lockwasher - 1/4 .....                                           | 4   |
| 30   | W-512    | Hex Nut - 1/4.....                                               | 4   |
| 31   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg.....                              | 8   |
| 32   | C-3918   | Hex Bolt - 3/8 x 5 Lg .....                                      | 6   |
| 33   | N19678   | Hex Bolt - 3/8 x 7 Lg .....                                      | 4   |
| 34   | W-523    | Lockwasher - 3/8 .....                                           | 6   |
| 35   | W-514    | Hex Nut - 3/8.....                                               | 6   |
| 36   | S27987   | Locknut - 3/8 Flanged Centre Lock.....                           | 12  |
| 37   | S65128   | Oil Line Bracket .....                                           | 4   |
| 38   | C-4698   | Oil Line Clamp.....                                              | 32  |
| 39   | N16257   | Bushing - Spacer .....                                           | 4   |
| 40   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                 | 2   |
| 41   | W-525    | Lockwasher - 1/2 .....                                           | 4   |
| 42   | W-516    | Hex Nut - 1/2.....                                               | 4   |
| 43   | S65156   | Decal ISO - Wings Lock.....                                      | 1   |
| 44   | N56957   | Flex Hose Cover - 1 1/2 Dia x 48 Lg - Flexible Coil .....        | 4   |



# Wing Lift Hydraulics 80 ft - 24m

## Important

Do NOT REMOVE plugs from hoses until after they have been installed through frame members.

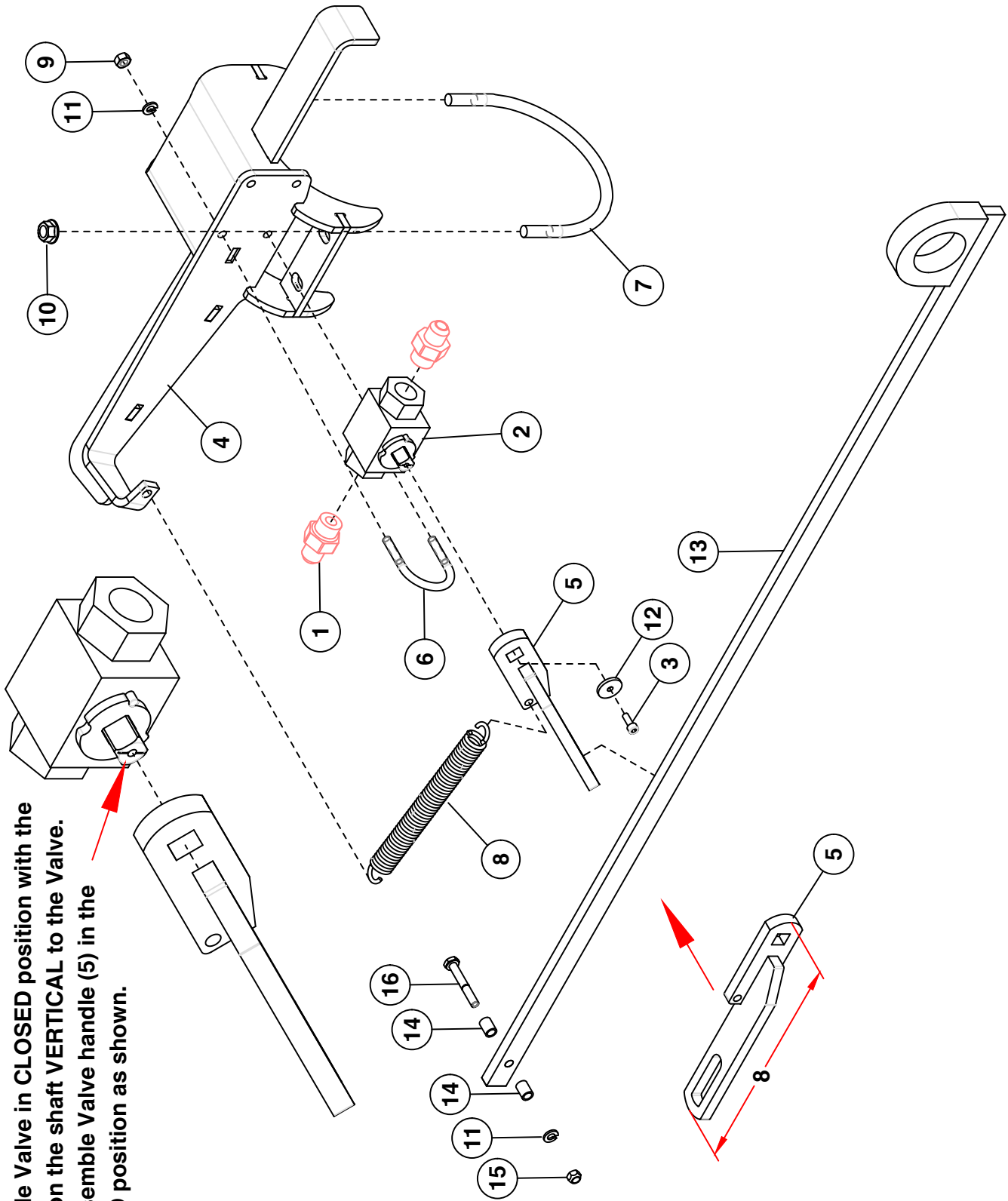




## Wing Lift Hydraulics - 80 ft - 24m

| Item | Part No. | Description                                                      | Qty |
|------|----------|------------------------------------------------------------------|-----|
| 1    | C64930   | Cylinder - 5 x 36.....                                           | 4   |
| 2    | C64920   | Cylinder - 6 x 36.....                                           | 4   |
| 3    | N53211   | Hyd Hose - 1/2 x 120 Lg - #10 7/8-14 FJIC Ends.....              | 1   |
| 4    | S39539   | Hyd Hose - 1/2 x 330 Lg - #10 7/8-14 FJIC Ends.....              | 1   |
| 5    | C29565   | Hyd Hose - 1/2 x 360 Lg - #10 7/8-14 FJIC Ends.....              | 1   |
| 6    | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC Ends.....               | 2   |
| 7    | S73160   | Hyd Hose - 3/8 x 145 Lg - #6 9/16-18 FJIC Ends.....              | 1   |
| 8    | S65408   | Hyd Hose - 3/8 x 96 Lg - #6 9/16-18 FJIC Ends.....               | 4   |
| 9    | S73161   | Hyd Hose - 3/8 x 157 Lg - #6 9/16-18 FJIC Ends.....              | 1   |
| 10   | S65421   | Hyd Hose - 3/8 x 132 Lg - #6 9/16-18 FJIC Ends.....              | 4   |
| 11   | S73159   | Hyd Hose - 3/8 x 185 Lg - #6 9/16-18 FJIC Ends.....              | 2   |
| 12   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends.....              | 2   |
| 13   | C15348   | Connector - 3/4-16 MORB x #6 9/16-18 MJIC.....                   | 16  |
| 14   | C14840   | Connector - #8 3/4-16 MORB x #10 7/8-14 MJIC.....                | 3   |
| 15   | C-4403   | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....      | 12  |
| 16   | N31908   | Swivel Tee - (2) 9/16-18 MJIC x (1) 9/16-18 MORB.....            | 8   |
| 17   | S29967   | 90 Elbow - Swivel - 9/16-18 (#06) FJIC x 9/16-18 (#06) MJIC..... | 14  |
| 18   | N16143   | 90 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB.....          | 16  |
| 19   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                        | 3   |
| 20   | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                        | 1   |
| 21   | S65129   | Multi-Valve Mounting Plate.....                                  | 1   |
| 22   | C53849   | Manifold - Pressure Compensated Flow Control.....                | 1   |
| 23   | N42880   | Valve - 2 Way Ball.....                                          | 3   |
| 23A  | N42881   | Handle - Valve.....                                              | 1   |
| 24   | N34443   | Male Pioneer Tip - 3/4-16 ORB.....                               | 2   |
| 25   | S29960   | Tag - Hose ID - Wing Lift - FOLD.....                            | 1   |
| 26   | S29961   | Tag - Hose ID - Wing Lift - UNFOLD.....                          | 1   |
| 27   | D-4951   | Nylon Tie Strap - 3/16 x 7 3/8.....                              | 80  |
| 28   | N34319   | U-Bolt - 1/4 x 1 1/2 x 1 3/4 Lg.....                             | 2   |
| 29   | S72949   | Oil Line Bracket.....                                            | 2   |
| 30   | W-512    | Hex Nut - 1/4.....                                               | 4   |
| 31   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg.....                              | 14  |
| 32   | C-3918   | Hex Bolt - 3/8 x 5 Lg.....                                       | 6   |
| 33   | N19678   | Hex Bolt - 3/8 x 7 Lg.....                                       | 4   |
| 34   | W-523    | Lockwasher - 3/8.....                                            | 6   |
| 35   | W-514    | Hex Nut - 3/8.....                                               | 6   |
| 36   | S27987   | Locknut - 3/8 Flanged Centre Lock.....                           | 18  |
| 37   | S65128   | Oil Line Bracket.....                                            | 4   |
| 38   | C-4698   | Oil Line Clamp.....                                              | 32  |
| 39   | N16257   | Bushing - Spacer.....                                            | 4   |
| 40   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                 | 2   |
| 41   | W-525    | Lockwasher - 1/2.....                                            | 4   |
| 42   | W-516    | Hex Nut - 1/2.....                                               | 4   |
| 43   | S65156   | Decal ISO - Wings Lock.....                                      | 1   |
| 44   | S73152   | Hyd Hose - 3/8 x 26 Lg - #6 9/16-18 FJIC Ends.....               | 2   |
| 45   | S73153   | Hyd Hose - 3/8 x 18 Lg - #6 9/16-18 FJIC Ends.....               | 2   |
| 46   | S73154   | Hyd Hose - 3/8 x 98 Lg - #6 9/16-18 FJIC Ends.....               | 2   |
| 47   | S73155   | Hyd Hose - 3/8 x 94 Lg - #6 9/16-18 FJIC Ends.....               | 2   |
| 48   | S73156   | Hyd Hose - 3/8 x 32 Lg - #6 9/16-18 FJIC Ends.....               | 2   |
| 49   | S73157   | Hyd Hose - 3/8 x 122 Lg - #6 9/16-18 FJIC Ends.....              | 2   |
| 50   | S73158   | Hyd Hose - 3/8 x 130 Lg - #6 9/16-18 FJIC Ends.....              | 2   |
| 51   | C72344   | Cylinder - 4 x 14.....                                           | 4   |
| 52   | K68627   | Valve Block - Dual Pilot Check.....                              | 2   |
| 53   | S72948   | Valve Mount.....                                                 | 2   |
| 54   | W-481    | Hex Head Bolt - 3/8 x 3 1/2 Lg.....                              | 2   |
| 55   | W-478    | Hex Bolt - 3/8 x 2 Lg.....                                       | 4   |
| 56   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                   | 4   |
| 57   | D-5279   | Locknut - 3/8 Flanged.....                                       | 8   |
| 58   | N56957   | Flex Hose Cover - 1 1/2 Dia x 48 Lg - Flexible Coil.....         | 2   |

# Wing Lift Hydraulics Wing Valve - 80 ft - 24m

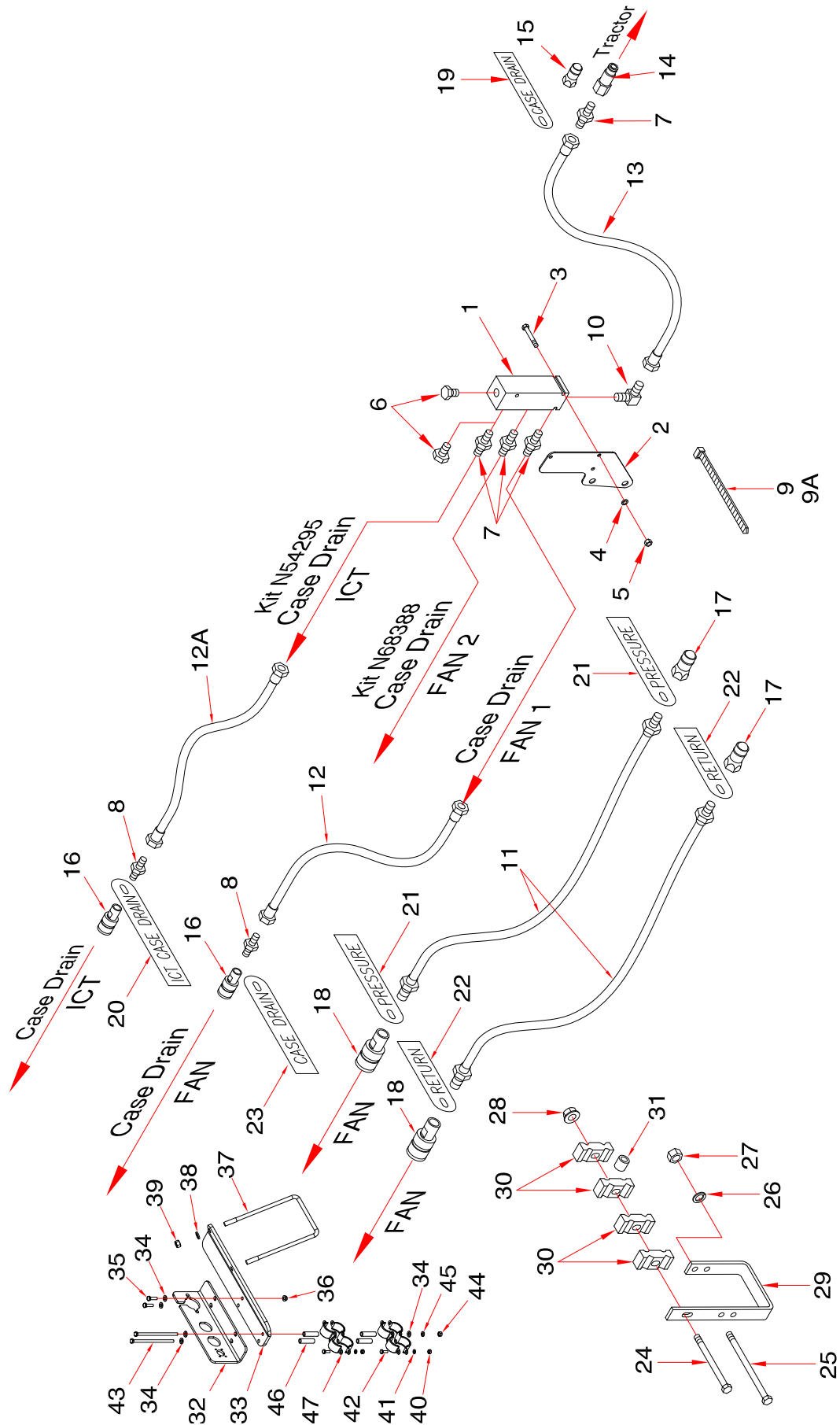


**Note:** Assemble Valve in CLOSED position with the groove on the shaft VERTICAL to the Valve. Also assemble Valve handle (5) in the CLOSED position as shown.

**Wing Lift Hydraulics  
Wing Valve - 80 ft - 24m**

| Item | Part No. | Description                                             | Qty |
|------|----------|---------------------------------------------------------|-----|
| 1    | C15348   | Connector - 3/4-16 MORB x 9/16-18 MJIC .....            | 2   |
| 2    | N42880   | Lock Valve.....                                         | 1   |
| 3    | S39548   | Socket Head Capscrew - #10 x 1/2 Lg.....                | 1   |
| 4    | S73105   | Bracket - Shut Off Valve .....                          | 1   |
| 5    | S72770   | Handle - Valve.....                                     | 1   |
| 6    | N34319   | U-Bolt - 1/4 x 1 1/2 x 1 3/4 Lg.....                    | 2   |
| 7    | S47597   | U-Bolt - 3/8 x 5 1/2 Dia x 5 1/8 Lg .....               | 2   |
| 8    | D-5054   | Spring .....                                            | 1   |
| 9    | W-512    | Hex Nut - 1/4.....                                      | 4   |
| 10   | D-5279   | Lock Nut - 3/8 .....                                    | 4   |
| 11   | W-521    | Lockwasher - 1/4 .....                                  | 5   |
| 12   | S39549   | Washer - 3/16 ID x 13/16 OD x 12 Ga .....               | 1   |
| 13   | S72735   | Actuator Rod - 44 7/8 Lg .. (42 3/8 C-C Distance) ..... | 1   |
| 14   | S72946   | Spacer - 0.277 ID x 3/8 OD x 1/2 Lg .....               | 2   |
| 15   | N22778   | Lock Nut - 1/4 Nylon Insert.....                        | 1   |
| 16   | C-1471   | Hex Bolt - 1/4 x 1 3/4 Lg .....                         | 1   |

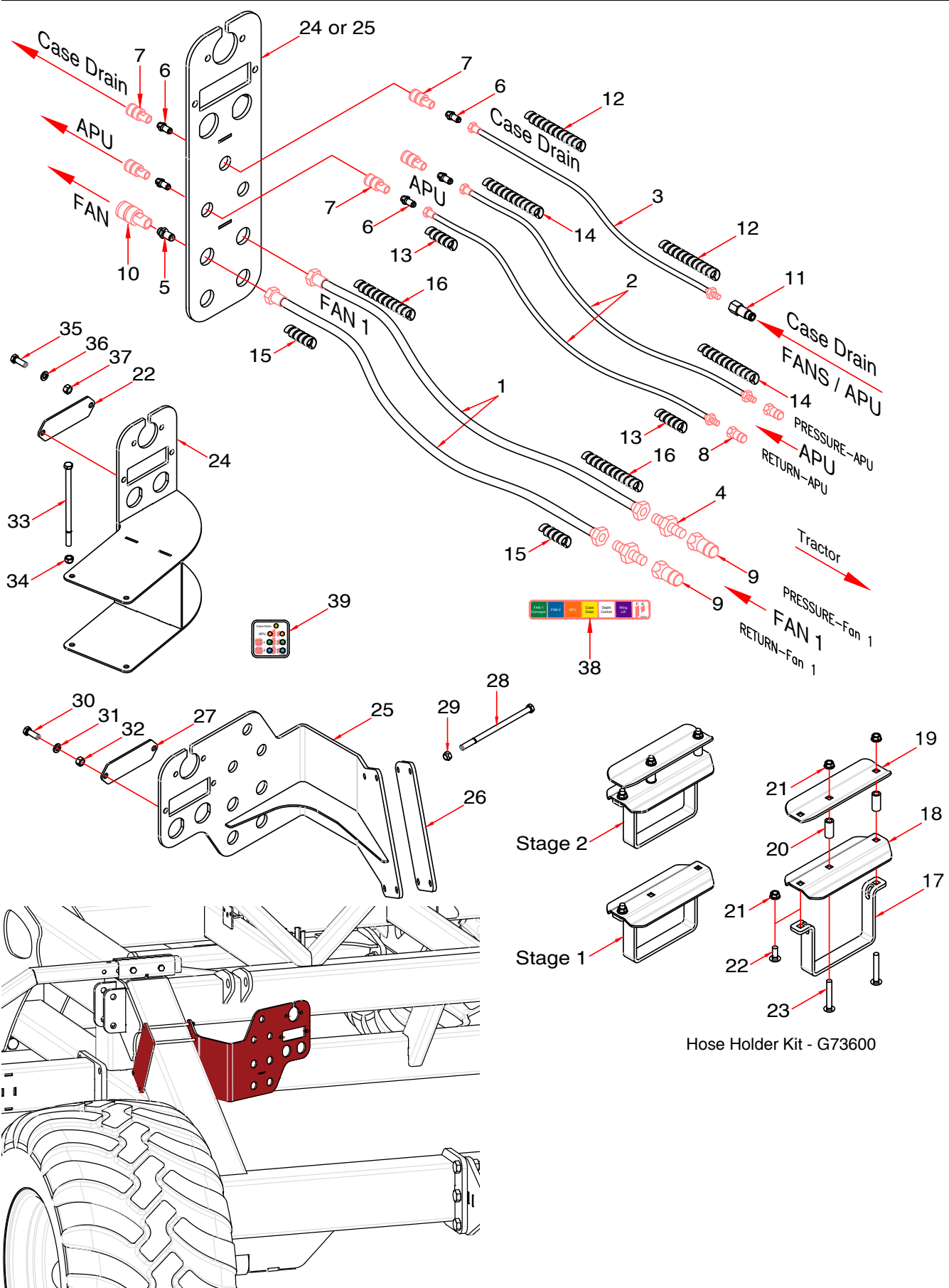
# Tow Behind Cross Tillage Kit 9 Series Cart



## Tow Behind Cross Tillage Kit - 9 Series Cart

| Item | Part No.      | Description                                                                                                                                  | Qty      |
|------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | N58670        | Case Drain Header .....                                                                                                                      | 1        |
| 2    | N58671        | Plate - Case Drain Header Mount.....                                                                                                         | 1        |
| 3    | C15319        | Hex Bolt - 1/4 x 2 1/2 Lg .....                                                                                                              | 3        |
| 4    | W-521         | Lockwasher - 1/4 .....                                                                                                                       | 3        |
| 5    | W-512         | Hex Nut - 1/4.....                                                                                                                           | 3        |
| 6    | C28505        | Plug - 3/4-16 MORB - Used on Ports not in use on Case Drain Header .....                                                                     | 3        |
| 7    | C14840        | Connector - 3/4-16 MORB x 7/8-14 MJIC .....                                                                                                  | 4        |
| 8    | N34505        | Connector - Swivel - 7/8-14 MORB x 7/8-14 MJIC .....                                                                                         | 1        |
| 9    | D-4951        | Nylon Tie Strap - 3/16 x 7 3/8 Lg .....                                                                                                      | 6        |
| 9A   | D-4838        | Nylon Tie Strap - 5/16 x 14 1/2 Lg.....                                                                                                      | 10       |
| 10   | N34646        | 90 Elbow - 7/8-14 MJIC x 1 1/16-12 MORB.....                                                                                                 | 1        |
| 11   | <b>N68395</b> | <b>Hyd Hose - 3/4 x 480 Lg w/1 1/16-12 MORB .....</b>                                                                                        | <b>2</b> |
| 12   | <b>N68390</b> | <b>Hyd Hose - 3/8 x 408 Lg w/7/8-14 FJIC x 7/8-14 FJIC Swivel End.....</b>                                                                   | <b>1</b> |
| 12A  | N50088        | Hyd Hose - 3/8 x 396 Lg w/7/8-14 FJIC x 7/8-14 FJIC (ICT Case Drain).....                                                                    | 1        |
| 13   | F-4565        | Hyd Hose - 1/2 x 60 Lg w/7/8-14 FJIC .....                                                                                                   | 1        |
| 14   | K50834        | 3/8 Flat Face Tip - 3/4-16 FORB .....                                                                                                        | 1        |
| 15   | N34443        | 1/2 Male Pioneer Tip - 3/4-16 FORB .....                                                                                                     | 1        |
| 16   | N34488        | 1/2 Pioneer Coupler - 7/8-14 FORB .....                                                                                                      | 1        |
| 17   | N37914        | 3/4 Male Tip - 1 1/16-12 FORB .....                                                                                                          | 2        |
| 18   | N37915        | 3/4 Female Coupler - 1 1/16-12 FORB .....                                                                                                    | 2        |
| 19   | S44468        | Tag - Hose ID - Reducing Valve - CASE DRAIN .....                                                                                            | 1        |
| 20   | N58343        | Tag - Hose ID - ICT - CASE DRAIN.....                                                                                                        | 1        |
| 21   | N34576        | Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE .....                                                                                        | 2        |
| 21A  | N58340        | Tag - Hose ID - Air Tank - <b>Fan 2</b> - PRESSURE .....                                                                                     | 2        |
| 22   | N34577        | Tag - Hose ID - Air Tank - Fan/Auger - RETURN.....                                                                                           | 2        |
| 22A  | N58341        | Tag - Hose ID - Air Tank - <b>Fan 2</b> - RETURN.....                                                                                        | 2        |
| 23   | N34578        | Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN.....                                                                                       | 2        |
| 23A  | N58342        | Tag - Hose ID - Air Tank - <b>Fan 2</b> - CASE DRAIN .....                                                                                   | 2        |
| 24   | C-3918        | Hex Bolt - 3/8 x 5 Lg .....                                                                                                                  | 6        |
| 25   | N19678        | Hex Bolt - 3/8 x 7 Lg .....                                                                                                                  | 6        |
| 26   | W-523         | Lockwasher - 3/8 .....                                                                                                                       | 6        |
| 27   | W-514         | Hex Nut - 3/8.....                                                                                                                           | 6        |
| 28   | S27987        | Locknut - 3/8 Flanged Centre Lock.....                                                                                                       | 6        |
| 29   | S65128        | Oil Line Bracket .....                                                                                                                       | 6        |
| 30   | C-4698        | Oil Line Clamp.....                                                                                                                          | 24       |
| 31   | N16257        | Bushing - Spacer .....                                                                                                                       | 6        |
| 32   | N64747        | Bracket - Electrical Connector - Tow Behind .....                                                                                            | 1        |
| 33   | S65673        | Bracket - Mounting - Tow Behind.....                                                                                                         | 1        |
| 34   | D-5488        | Washer - 11/32 ID x 11/16 OD x 16 GA.....                                                                                                    | 6        |
| 35   | W-472         | Hex Bolt - 5/16 x 1 1/4 Lg .....                                                                                                             | 2        |
| 36   | D-5278        | Lock Nut - 5/16 Flange .....                                                                                                                 | 2        |
| 37   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL - 40ft-70 ft .....                                                                                          | 1        |
| 37A  | S73828        | U-Bolt - 1/2 x 6 1/16 x 7 3/8 UL - 80 ft .....                                                                                               | 1        |
| 38   | W-525         | Lockwasher - 1/2 .....                                                                                                                       | 2        |
| 39   | W-516         | Hex Nut - 1/2.....                                                                                                                           | 2        |
| 40   | W-512         | Hex Nut - 1/4 - Tow Behind .....                                                                                                             | 4        |
| 41   | W-521         | Lockwasher - 1/4 - Tow Behind .....                                                                                                          | 4        |
| 42   | W-469         | Hex Bolt - 1/4 X 3/4 Lg - Tow Behind .....                                                                                                   | 4        |
| 43   | S13337        | Hex Bolt - 5/16 x 6 Lg - Tow Behind .....                                                                                                    | 2        |
| 44   | W-513         | Hex Nut - 5/16 - Tow Behind.....                                                                                                             | 2        |
| 45   | W-522         | Lockwasher - 5/16 - Tow Behind .....                                                                                                         | 2        |
| 46   | N19458        | Spacer - 0.364 ID x 0.540 OD x 2 Lg .....                                                                                                    | 4        |
| 47   | N16608        | Pioneer End Clamp - Tow Behind .....                                                                                                         | 4        |
|      | N68388        | Kit: Tow Behind Hydraulic Extension - QUANTUM <b>(Whole Goods Only)</b><br>- (Includes Items 8, 9, 9A, 11, 12, 13, 14, 16, 17, 18, 40 to 47) |          |
|      | N54295        | Hyd Hose ICT Extension Kit: Quantum - Tow Behind ICT only <b>(Whole Goods Only)</b><br>- (Includes Items 8, 12A, 16, 20)                     |          |
|      | S65735        | Kit: 40ft-70ft Hyd/Elec Bracket <b>(Whole Goods Only)</b> - (Includes Items 24-36, 37, 38, 39)                                               |          |
|      | S73874        | Kit: 80ft Hyd/Elec Bracket <b>(Whole Goods Only)</b> - (Includes Items 24-36, 37A, 38, 39)                                                   |          |

**Tow Behind Cross Tillage Kit  
10 Series Cart - One Fan**

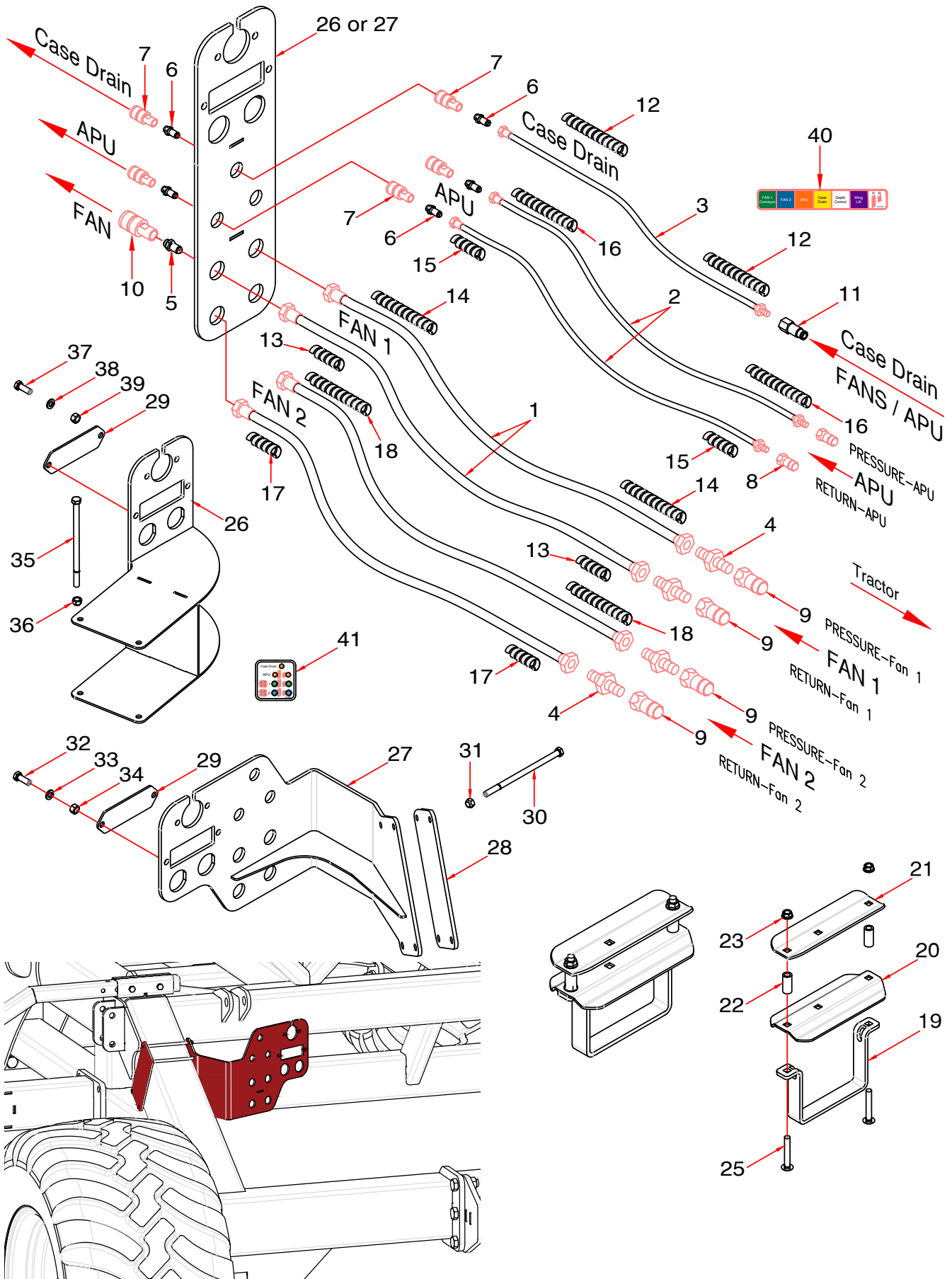


## Tow Behind Cross Tillage Kit - 10 Series Cart - One Fan

| Item | Part No.      | Description                                                                                | Qty      |
|------|---------------|--------------------------------------------------------------------------------------------|----------|
|      | <b>N73738</b> | <b>KIT -Hydraulic Hoses - Cross Tillage - (Includes Items Below) Whole Goods Only</b>      |          |
| 1    | N73738        | Hyd Hose - 1 x 480 Lg - 1 1/16-12 FJIC (#12).....                                          | 2        |
| 2    | N73748        | Hyd Hose - 1/2 x 480 Lg - 7/8-14 FJIC (#10) x 7/8-14 MORB (#10).....                       | 2        |
| 3    | N73749        | Hyd Hose - 1/2 x 480 Lg - 7/8-14 FJIC (#10) x 3/4 -16 MORB (#08).....                      | 1        |
|      | <b>G73625</b> | <b>Hyd Fittings - Single Fan - (Includes Items Below) Whole Goods Only</b>                 |          |
| 4    | N15990        | Connector - 1 1/16-12 MJIC (#12) x 1 1/16-12 MORB (#12).....                               | 2        |
| 5    | N69768        | Bulk Head Union - 1 1/16"-12 MJIC (#12) X 1 1/16"-12 MORB (#12) .....                      | 2        |
| 6    | N69804        | Bulk Head Union - 7/8-14 MJIC (#10 ) x 7/8-14 MORB (#10).....                              | 3        |
|      | <b>G73626</b> | <b>PBAG - Cross Tillage - 10S - Single Fan - (Includes Items Below) Whole Goods Only</b>   |          |
| 7    | N34488        | 1/2 Female Pioneer Coupler - 7/8-14 FORB (#10) .....                                       | 3        |
| 8    | N34498        | 1/2 Male Pioneer Tip - 7/8-14 FORB (#10) .....                                             | 2        |
| 9    | N37914        | 3/4 Male Pioneer Tip - 1 1/16-12 MORB (#12).....                                           | 2        |
| 10   | N37915        | 3/4 Female Pioneer Coupler - 1 1/16-12 MORB (#12).....                                     | 2        |
| 11   | K73230        | 3/8 Flat Face Tip - 3/4-16 FORB (#08) (FF491-3-8-CV) - Low Pressure Release.....           | 1        |
| 12   | N74321        | Hose Wrap - YELLOW - 11" - Case Drain .....                                                | 2        |
| 13   | N74326        | Hose Wrap - ORANGE - 5" - Return - APU .....                                               | 2        |
| 14   | N74327        | Hose Wrap - ORANGE - 11" - Pressure - APU .....                                            | 2        |
| 15   | N74330        | Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....                                   | 2        |
| 16   | N74331        | Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....                                | 2        |
|      | <b>G73600</b> | <b>Hose Holder Kit - (Includes Items Below) Whole Goods Only</b>                           |          |
| 17   | S73602        | Hitch Hose Holder - Clamp.....                                                             | 4        |
| 18   | S73603        | Hitch Hose Holder - Bottom Plate .....                                                     | 4        |
| 19   | S73604        | Hitch Hose Holder - Top Plate .....                                                        | 4        |
| 20   | N69879        | Bushing - 0.385 ID x 0.625 OD x 1 3/8 Lg.....                                              | 8        |
|      | <b>G73601</b> | <b>Hitch Hose Holder Hardware - (Includes Items Below) Whole Goods Only .....</b>          | <b>1</b> |
| 21   | S27987        | Flange Lock Nut - 3/8 W/Center Lock.....                                                   | 12       |
| 22   | P7C616        | Carriage Bolt - 3/8 x 1 Lg.....                                                            | 4        |
| 23   | S28159        | Carriage Bolt - 3/8 x 2 1/2 Lg.....                                                        | 8        |
| 24   | S69855        | Bracket - Bulk Head - Quantum 80 ft Only.....                                              | 1        |
| 25   | S73724        | Bracket - Bulk Head - Quantum 40 ft to 70 ft .....                                         | 1        |
| 26   | S73732        | Clamp Plate - Bulk Head - Quantum 40 ft to 70 ft.....                                      | 1        |
| 27   | S69859        | Cover - Expansion Slot.....                                                                | 1        |
|      | <b>G73746</b> | <b>PBAG:STD QTM R-BULKHEAD HDW - (Includes Items Below) Whole Goods Only</b>               |          |
| 28   | N19678        | Hex Bolt - 3/8 x 7 Lg .....                                                                | 4        |
| 29   | M-3388        | Locknut - 3/8.....                                                                         | 4        |
| 30   | W-475         | Hex Bolt -3/8 x 1 Lg .....                                                                 | 4        |
| 31   | W-523         | Lock Washer - 3/8.....                                                                     | 4        |
| 32   | W-514         | Nut - 3/8.....                                                                             | 4        |
|      | <b>G73747</b> | <b>PBAG:WIDE QTM R-BULKHEAD HDW - (Includes Items Below) Whole Goods Only</b>              |          |
| 33   | N19678        | Hex Bolt - 3/8 x 7 Lg .....                                                                | 2        |
| 34   | M-3388        | Locknut - 3/8.....                                                                         | 2        |
| 35   | W-475         | Hex Bolt -3/8 x 1 Lg .....                                                                 | 4        |
| 36   | W-523         | Lock Washer - 3/8.....                                                                     | 4        |
| 37   | W-514         | Nut - 3/8.....                                                                             | 4        |
|      |               | <b>Order Kits Through Whole Goods Only</b>                                                 |          |
|      | N73796        | KIT:CROSS-TILL STD Q+10S 1FAN - Quantum 40 ft to 70 ft<br>(Includes Items 1-23 and 25-32)  |          |
|      | N73798        | KIT:CROSS-TILL WIDE Q+10S 1FAN - Quantum 80 ft Only<br>(Includes Items 1-24, 27 and 33-37) |          |
| 38   | N74334        | Decal - Hose Wrap Identification (Locate on Drill Hitch) .....                             | 1        |
| 39   | N74998        | Decal - Hose Identification - Bulkhead (Locate on Bulkhead) .....                          | 1        |



# Tow Behind Cross Tillage Kit 10 Series Cart - Two Fans

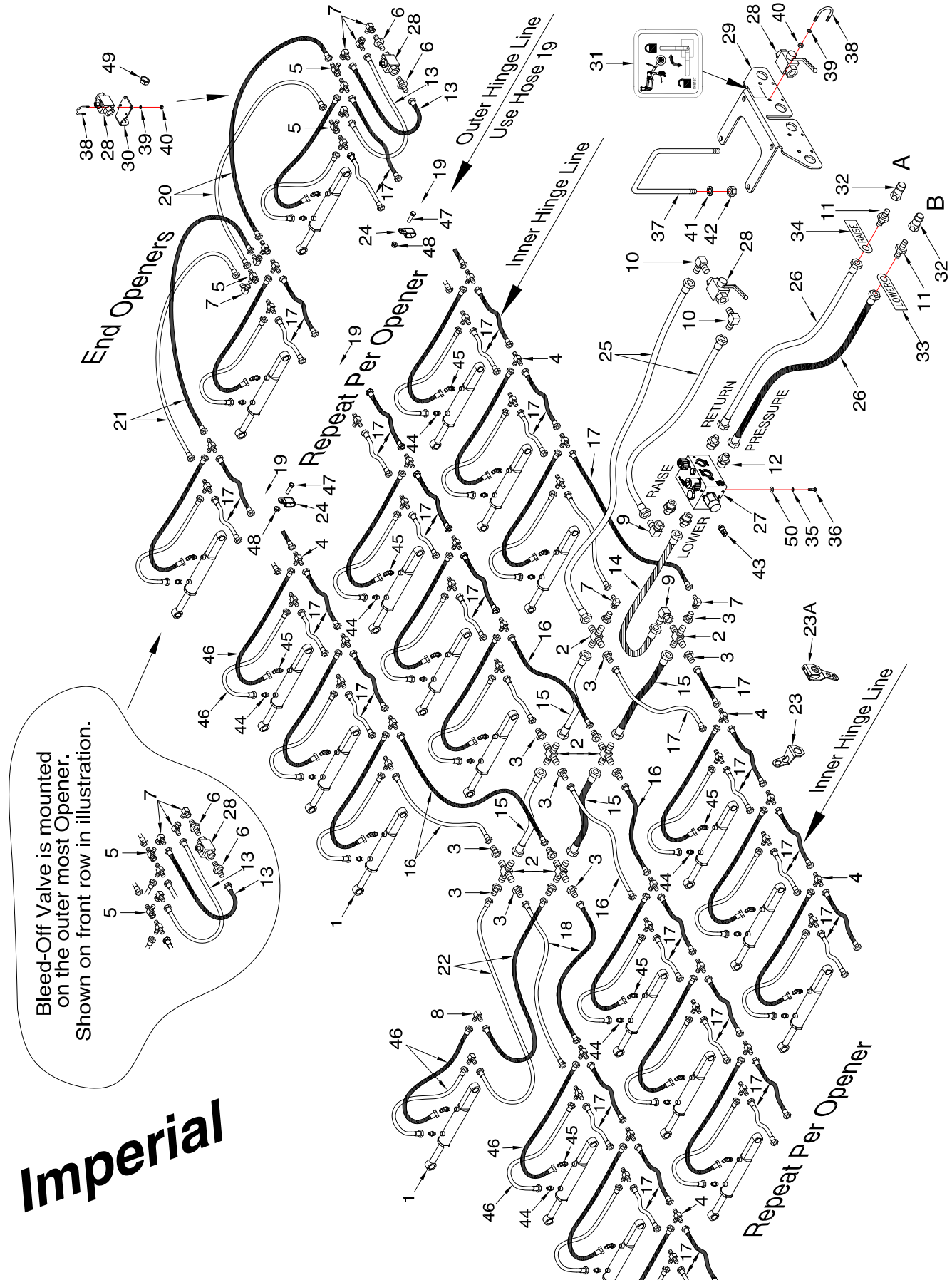




## Tow Behind Cross Tillage Kit - 10 Series Cart - Two Fans

| Item | Part No.      | Description                                                                                | Qty |
|------|---------------|--------------------------------------------------------------------------------------------|-----|
|      | <b>N73739</b> | <b>KIT:Cross Tillage STD QTM 2 Fans - (Includes Items Below) Whole Goods Only</b>          |     |
| 1    | N73738        | Hyd Hose - 1 x 480 Lg - 1 1/16-12 FJIC (#12).....                                          | 4   |
| 2    | N73748        | Hyd Hose - 1/2 x 480 Lg - 7/8-14 FJIC (#10) x 7/8-14 MORB (#10).....                       | 2   |
| 3    | N73749        | Hyd Hose - 1/2 x 480 Lg - 7/8-14 FJIC (#10) x 3/4 -16 MORB (#08).....                      | 1   |
|      | <b>N69801</b> | <b>KIT:Hyd Fitting - Cross Tillage - (Includes Items Below) Whole Goods Only</b>           |     |
| 4    | N15990        | Connector - 1 1/16-12 MJIC (#12) x 1 1/16-12 MORB (#12).....                               | 4   |
| 5    | N69768        | Bulk Head Union - 1 1/16"-12 MJIC (#12) X 1 1/16"-12 MORB (#12) .....                      | 4   |
| 6    | N69804        | Bulk Head Union - 7/8-14 MJIC (#10 ) x 7/8-14 MORB (#10).....                              | 3   |
|      | <b>G69903</b> | <b>PBAG - Cross Tillage - 10S - (Includes Items Below) Whole Goods Only</b>                |     |
| 7    | N34488        | 1/2 Female Pioneer Coupler - 7/8-14 FORB (#10) .....                                       | 3   |
| 8    | N34498        | 1/2 Male Pioneer Tip - 7/8-14 FORB (#10) .....                                             | 2   |
| 9    | N37914        | 3/4 Male Pioneer Tip - 1 1/16-12 MORB (#12).....                                           | 4   |
| 10   | N37915        | 3/4 Female Pioneer Coupler - 1 1/16-12 MORB (#12).....                                     | 4   |
| 11   | K73230        | 3/8 Flat Face Tip - 3/4-16 FORB (#08) (FF491-3-8-CV) - Low Pressure Release.....           | 1   |
| 12   | N74321        | Hose Wrap - YELLOW - 11" - Case Drain .....                                                | 2   |
| 13   | N74324        | Hose Wrap - BLUE - 5" - Return - Fan 2.....                                                | 2   |
| 14   | N74325        | Hose Wrap - BLUE - 11" - Pressure - Fan 2.....                                             | 2   |
| 15   | N74326        | Hose Wrap - ORANGE - 5" - Return - APU .....                                               | 2   |
| 16   | N74327        | Hose Wrap - ORANGE - 11" - Pressure - APU .....                                            | 2   |
| 17   | N74330        | Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....                                   | 2   |
| 18   | N74331        | Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....                                | 2   |
|      | <b>G73600</b> | <b>Hose Holder Kit - (Includes Items Below) Whole Goods Only</b>                           |     |
| 19   | S73602        | Hitch Hose Holder - Clamp.....                                                             | 4   |
| 20   | S73603        | Hitch Hose Holder - Bottom Plate.....                                                      | 4   |
| 21   | S73604        | Hitch Hose Holder - Top Plate.....                                                         | 4   |
| 22   | N69879        | Bushing - 0.385 ID x 0.625 OD x 1 3/8 Lg.....                                              | 8   |
|      | <b>G73601</b> | <b>Hitch Hose Holder Hardware - (Includes Items Below) Whole Goods Only</b>                |     |
| 23   | S27987        | Flange Lock Nut - 3/8 W/Center Lock.....                                                   | 12  |
| 24   | P7C616        | Carriage Bolt - 3/8 x 1 Lg - <b>(Not Used)</b> .....                                       | 4   |
| 25   | S28159        | Carriage Bolt - 3/8 x 2 1/2 Lg.....                                                        | 8   |
| 26   | S69855        | Bracket - Bulk Head - Quantum 80 ft Only.....                                              | 1   |
| 27   | S73724        | Bracket - Bulk Head - Quantum 40 ft to 70 ft .....                                         | 1   |
| 28   | S73732        | Clamp Plate - Bulk Head - Quantum 40 ft to 70 ft.....                                      | 1   |
| 29   | S69859        | Cover - Expansion Slot.....                                                                | 1   |
|      | <b>G73746</b> | <b>PBAG:STD QTM R-BULKHEAD HDW - (Includes Items Below) Whole Goods Only</b>               |     |
| 30   | N19678        | Hex Bolt - 3/8 x 7 Lg .....                                                                | 4   |
| 31   | M-3388        | Locknut - 3/8.....                                                                         | 4   |
| 32   | W-475         | Hex Bolt -3/8 x 1 Lg .....                                                                 | 4   |
| 33   | W-523         | Lock Washer - 3/8.....                                                                     | 4   |
| 34   | W-514         | Nut - 3/8.....                                                                             | 4   |
|      | <b>G73747</b> | <b>PBAG:WIDE QTM R-BULKHEAD HDW - (Includes Items Below) Whole Goods Only</b>              |     |
| 35   | N19678        | Hex Bolt - 3/8 x 7 Lg .....                                                                | 2   |
| 36   | M-3388        | Locknut - 3/8.....                                                                         | 2   |
| 37   | W-475         | Hex Bolt -3/8 x 1 Lg .....                                                                 | 4   |
| 38   | W-523         | Lock Washer - 3/8.....                                                                     | 4   |
| 39   | W-514         | Nut - 3/8.....                                                                             | 4   |
|      |               | <b>Order Kits Through Whole Goods Only</b>                                                 |     |
|      | N73797        | KIT:CROSS-TILL STD Q+10S 2FAN - Quantum 40 ft to 70 ft<br>(Includes Items 1-25 and 27-34)  |     |
|      | N73799        | KIT:CROSS-TILL WIDE Q+10S 2FAN - Quantum 80 ft Only<br>(Includes Items 1-26, 29 and 35-39) |     |
| 40   | N74334        | Decal - Hose Wrap Identification (Locate on Drill Hitch) .....                             | 1   |
| 41   | N74998        | Decal - Hose Identification - Bulkhead (Locate on Bulkhead) .....                          | 1   |

### 3 Rank Opener Hydraulics 10 inch Spacing - 40 ft to 70 ft

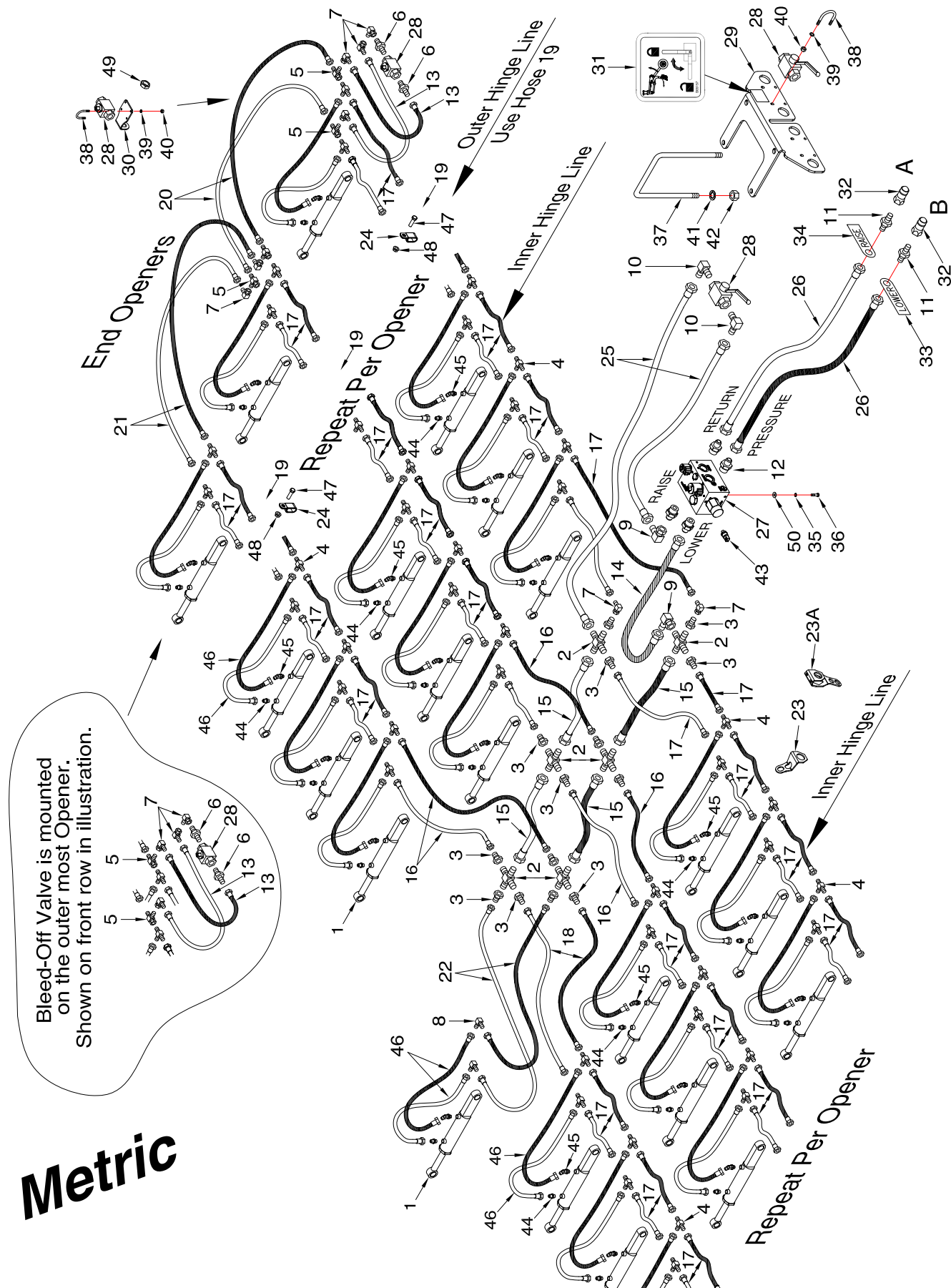


### 3 Rank Opener Hydraulics - 10 inch Spacing - 40 ft to 70 ft

| Item | Part No. | Description                                                                   | Qty   |
|------|----------|-------------------------------------------------------------------------------|-------|
| 1    | *****    | Cylinder - Row Unit.....                                                      | AsReq |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                 | 6     |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                                    | 14    |
| 4    | C-4393   | Tee - 9/16-18 MJIC .....                                                      | AsReq |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....                          | 8     |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB.....                                   | 4     |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC.....                                   | 10    |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                           | 2     |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                     | 2     |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                     | 2     |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB.....                                    | 2     |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....                     | 4     |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC.....                                    | 4     |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 1     |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 4     |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                | 6     |
| 17   | S42967   | Hyd Hose - 3/8 x 30Lg - #6 9/16-18 FJIC.....                                  | AsReq |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                | 2     |
| 19   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC - Outer Hinge Line.....              | 12    |
| 20   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>40 ft</b> .....            | 4     |
|      | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....            | 4     |
|      | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC Ends - <b>60 ft</b> .....            | 4     |
|      | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....            | 4     |
| 21   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>40 ft</b> .....            | 4     |
|      | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....            | 4     |
|      | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC Ends - <b>60 ft</b> .....            | 4     |
|      | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....            | 4     |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends.....                           | 2     |
| 23   | S66245   | Hose Holder - Opener .....                                                    | AsReq |
| 23A  | S67170   | Hose Holder - Opener - Low Profile.....                                       | 6     |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                     | 4     |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 27   | S68006   | Manifold - Opener Control .....                                               | 1     |
| 28   | N42880   | Lock Valve - 2 Way Ball.....                                                  | 3     |
| 28A  | N42881   | Handle - Valve.....                                                           | 1     |
| 29   | S65129   | Valve Mounting Plate .....                                                    | 1     |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                | 2     |
| 31   | S65157   | Decal ISO - Openers Lock.....                                                 | 1     |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                  | 2     |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                   | 1     |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE.....                                    | 1     |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block).....                                       | 4     |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block).....                                  | 4     |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                              | 2     |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2.....                                                 | 4     |
| 39   | W-521    | Lockwasher - 1/4 .....                                                        | 8     |
| 40   | W-512    | Hex Nut - 1/4.....                                                            | 8     |
| 41   | W-525    | Lockwasher - 1/2 .....                                                        | 4     |
| 42   | W-516    | Hex Nut - 1/2.....                                                            | 4     |
| 43   | K62977   | Pressure Transducer.....                                                      | 1     |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener).....       | AsReq |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....       | AsReq |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener)..... | AsReq |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line.....                                 | 4     |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                               | 4     |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                         | 2     |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ) .....                  | 4     |

Imperial

# 3 Rank Opener Hydraulics 250 mm Spacing - 12 m to 21 m



**Metric**



### 3 Rank Opener Hydraulics - 250 mm Spacing - 12 m to 21 m

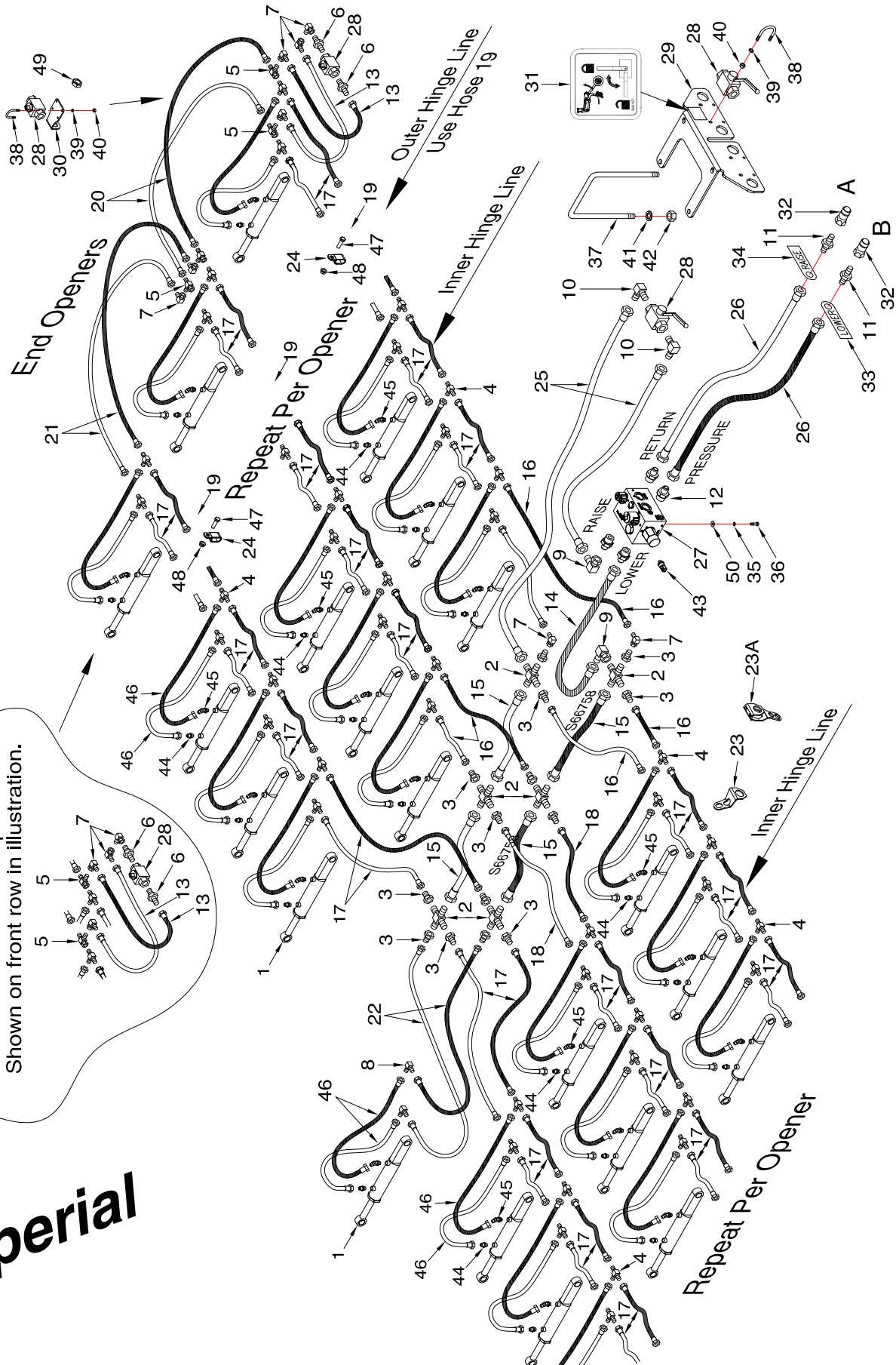
| Item | Part No. | Description                                                                   | Qty   |
|------|----------|-------------------------------------------------------------------------------|-------|
| 1    | *****    | Cylinder - Row Unit.....                                                      | AsReq |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                 | 6     |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                                    | 14    |
| 4    | C-4393   | Tee - 9/16-18 MJIC .....                                                      | AsReq |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....                          | 8     |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB.....                                   | 4     |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC.....                                   | 10    |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                           | 2     |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                     | 2     |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                     | 2     |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB.....                                    | 2     |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....                     | 4     |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                 | 4     |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 1     |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 4     |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                | 6     |
| 17   | S42967   | Hyd Hose - 3/8 x 30Lg - #6 9/16-18 FJIC .....                                 | AsReq |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                | 2     |
| 19   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC - Outer Hinge Line.....              | 12    |
| 20   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>12m</b> .....              | 4     |
|      | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - <b>15m</b> .....              | 4     |
|      | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - <b>18m</b> .....              | 4     |
|      | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - <b>21m</b> .....              | 4     |
| 21   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>12m</b> .....              | 4     |
|      | S66438   | Hyd Hose - 3/8 x 92 Lg - #6 9/16-18 FJIC Ends - <b>15m</b> .....              | 4     |
|      | S66438   | Hyd Hose - 3/8 x 92 Lg - #6 9/16-18 FJIC Ends - <b>18m</b> .....              | 4     |
|      | S66438   | Hyd Hose - 3/8 x 92 Lg - #6 9/16-18 FJIC Ends - <b>21m</b> .....              | 4     |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends.....                           | 2     |
| 23   | S66245   | Hose Holder - Opener .....                                                    | AsReq |
| 23A  | S67170   | Hose Holder - Opener - Low Profile.....                                       | 6     |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                     | 4     |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 27   | S68006   | Manifold - Opener Control .....                                               | 1     |
| 28   | N42880   | Lock Valve - 2 Way Ball.....                                                  | 3     |
| 28A  | N42881   | Handle - Valve.....                                                           | 1     |
| 29   | S65129   | Valve Mounting Plate .....                                                    | 1     |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                | 2     |
| 31   | S65157   | Decal ISO - Openers Lock.....                                                 | 1     |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                  | 2     |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                   | 1     |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE.....                                    | 1     |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block ).....                                      | 4     |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block).....                                  | 4     |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                              | 2     |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2.....                                                 | 4     |
| 39   | W-521    | Lockwasher - 1/4 .....                                                        | 8     |
| 40   | W-512    | Hex Nut - 1/4.....                                                            | 8     |
| 41   | W-525    | Lockwasher - 1/2 .....                                                        | 4     |
| 42   | W-516    | Hex Nut - 1/2.....                                                            | 4     |
| 43   | K62977   | Pressure Transducer.....                                                      | 1     |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener).....       | AsReq |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....       | AsReq |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener)..... | AsReq |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line.....                                 | 4     |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                               | 4     |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                         | 2     |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ).....                   | 4     |

Metric

# 3 Rank Opener Hydraulics 12 inch Spacing - 40 ft to 70 ft

**Imperial**

Bleed-Off Valve is mounted  
on the outer most Opener.  
Shown on front row in illustration.



### 3 Rank Opener Hydraulics - 12 inch Spacing - 40 ft to 70 ft

| Item | Part No. | Description                                                                   | Qty   |
|------|----------|-------------------------------------------------------------------------------|-------|
| 1    | *****    | Cylinder - Row Unit.....                                                      | AsReq |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                 | 6     |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                                    | 14    |
| 4    | C-4393   | Tee - 9/16-18 MJIC .....                                                      | AsReq |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....                          | 8     |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB.....                                   | 4     |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC.....                                   | 10    |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                           | 2     |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                     | 2     |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                     | 2     |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB.....                                    | 2     |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....                     | 4     |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                 | 4     |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 1     |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 4     |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                | 6     |
| 17   | S42969   | Hyd Hose - 3/8 x 36 Lg - #6 9/16-18 FJIC .....                                | AsReq |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                | 2     |
| 19   | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC - Outer Hinge Line.....              | 12    |
| 20   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>40 ft</b> .....            | 4     |
|      | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....            | 4     |
|      | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - <b>60 ft</b> .....            | 4     |
|      | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....            | 4     |
| 21   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>40 ft</b> .....            | 4     |
|      | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....            | 4     |
|      | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - <b>60 ft</b> .....            | 4     |
|      | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....            | 4     |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends.....                           | 2     |
| 23   | S66245   | Hose Holder - Opener .....                                                    | AsReq |
| 23A  | S67170   | Hose Holder - Opener - Low Profile.....                                       | 6     |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                     | 4     |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 27   | S68006   | Manifold - Opener Control .....                                               | 1     |
| 28   | N42880   | Lock Valve - 2 Way Ball.....                                                  | 3     |
| 28A  | N42881   | Handle - Valve.....                                                           | 1     |
| 29   | S65129   | Valve Mounting Plate .....                                                    | 1     |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                | 2     |
| 31   | S65157   | Decal ISO - Openers Lock.....                                                 | 1     |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                  | 2     |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                   | 1     |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE.....                                    | 1     |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block ).....                                      | 4     |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block).....                                  | 4     |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                              | 2     |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2.....                                                 | 4     |
| 39   | W-521    | Lockwasher - 1/4 .....                                                        | 8     |
| 40   | W-512    | Hex Nut - 1/4.....                                                            | 8     |
| 41   | W-525    | Lockwasher - 1/2 .....                                                        | 4     |
| 42   | W-516    | Hex Nut - 1/2.....                                                            | 4     |
| 43   | K62977   | Pressure Transducer.....                                                      | 1     |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener).....       | AsReq |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....       | AsReq |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener)..... | AsReq |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line.....                                 | 4     |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                               | 4     |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                         | 2     |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ).....                   | 4     |

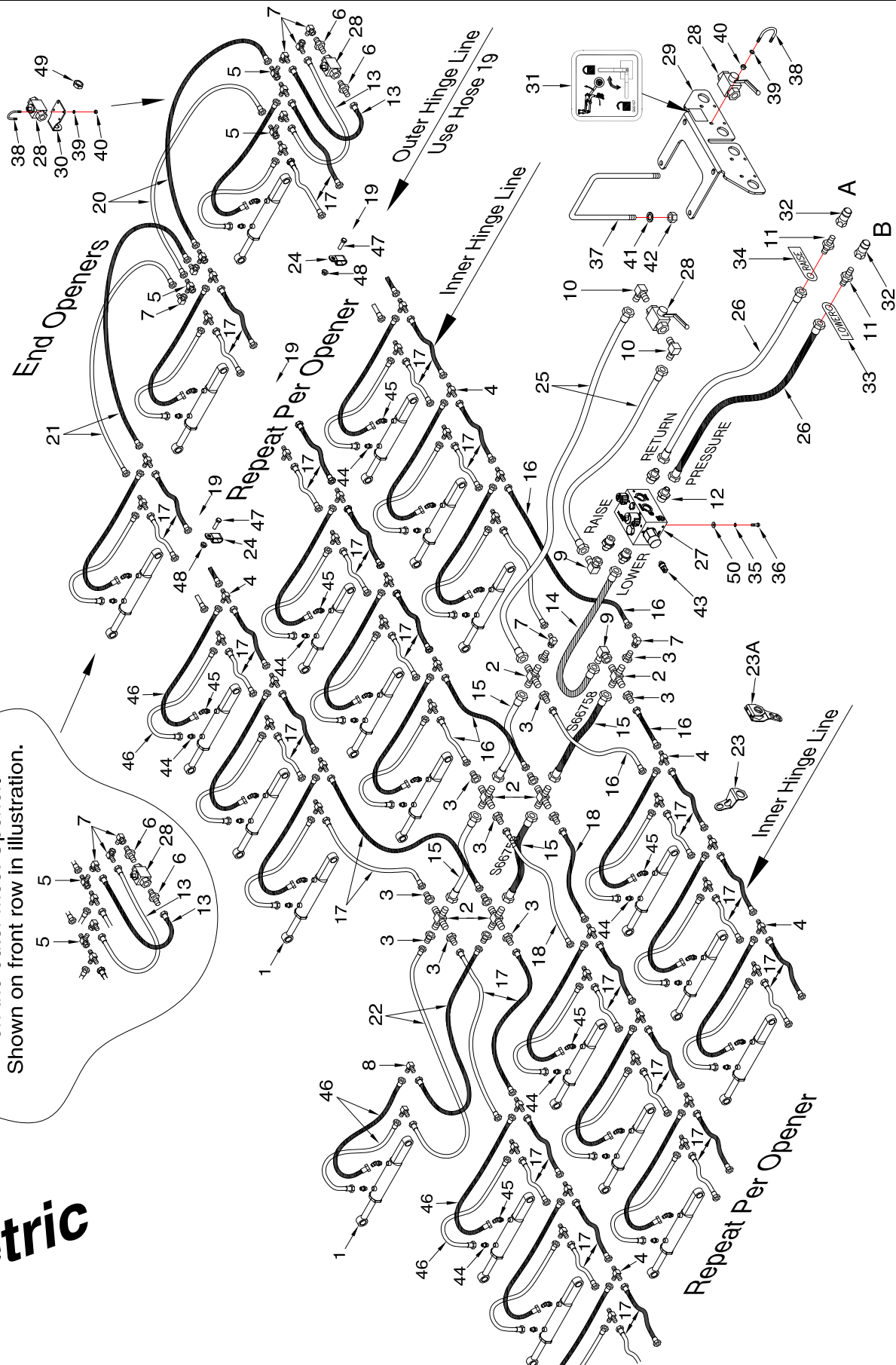
Imperial



# 3 Rank Opener Hydraulics 300 mm Spacing - 12 m to 21 m

**Metric**

Bleed-Off Valve is mounted  
on the outer most Opener.  
Shown on front row in illustration.

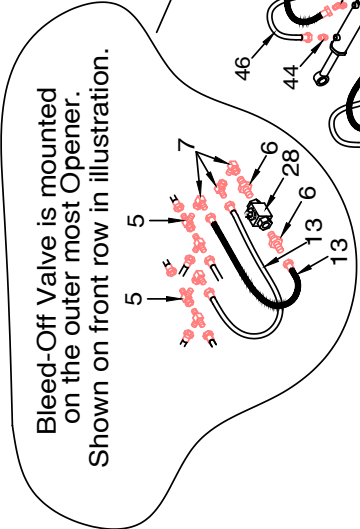


### 3 Rank Opener Hydraulics - 300 mm Spacing - 12 m to 21 m

| Item | Part No. | Description                                                                   | Qty   |
|------|----------|-------------------------------------------------------------------------------|-------|
| 1    | *****    | Cylinder - Row Unit.....                                                      | AsReq |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                 | 6     |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                                    | 14    |
| 4    | C-4393   | Tee - 9/16-18 MJIC .....                                                      | AsReq |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....                          | 8     |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB.....                                   | 4     |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC.....                                   | 10    |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                           | 2     |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                     | 2     |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                     | 2     |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB.....                                    | 2     |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....                     | 4     |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                 | 4     |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 1     |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 4     |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                | 6     |
| 17   | S42969   | Hyd Hose - 3/8 x 36 Lg - #6 9/16-18 FJIC .....                                | AsReq |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                | 2     |
| 19   | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC - Outer Hinge Line.....              | 12    |
| 20   | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - <b>12m</b> .....              | 4     |
|      | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - <b>15m</b> .....              | 4     |
|      | S66437   | Hyd Hose - 3/8 x 100 Lg- #6 9/16-18 FJIC Ends - <b>18m</b> .....              | 4     |
|      | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - <b>21m</b> .....              | 4     |
| 21   | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - <b>12m</b> .....              | 4     |
|      | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - <b>15m</b> .....              | 4     |
|      | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - <b>18m</b> .....              | 4     |
|      | S66437   | Hyd Hose - 3/8 x 100 Lg- #6 9/16-18 FJIC Ends - <b>21m</b> .....              | 4     |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends.....                           | 2     |
| 23   | S66245   | Hose Holder - Opener .....                                                    | AsReq |
| 23A  | S67170   | Hose Holder - Opener - Low Profile.....                                       | 6     |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                     | 4     |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 27   | S68006   | Manifold - Opener Control .....                                               | 1     |
| 28   | N42880   | Lock Valve - 2 Way Ball.....                                                  | 3     |
| 28A  | N42881   | Handle - Valve.....                                                           | 1     |
| 29   | S65129   | Valve Mounting Plate .....                                                    | 1     |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                | 2     |
| 31   | S65157   | Decal ISO - Openers Lock.....                                                 | 1     |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                  | 2     |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                   | 1     |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE.....                                    | 1     |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block ).....                                      | 4     |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block).....                                  | 4     |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                              | 2     |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2.....                                                 | 4     |
| 39   | W-521    | Lockwasher - 1/4 .....                                                        | 8     |
| 40   | W-512    | Hex Nut - 1/4.....                                                            | 8     |
| 41   | W-525    | Lockwasher - 1/2 .....                                                        | 4     |
| 42   | W-516    | Hex Nut - 1/2.....                                                            | 4     |
| 43   | K62977   | Pressure Transducer.....                                                      | 1     |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener).....       | AsReq |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....       | AsReq |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener)..... | AsReq |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line.....                                 | 4     |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                               | 4     |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                         | 2     |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ).....                   | 4     |

Metric

**3 Rank Opener Hydraulics**  
**15 inch (380 mm) Spacing - 40 ft to 70 ft**



**Imperial**

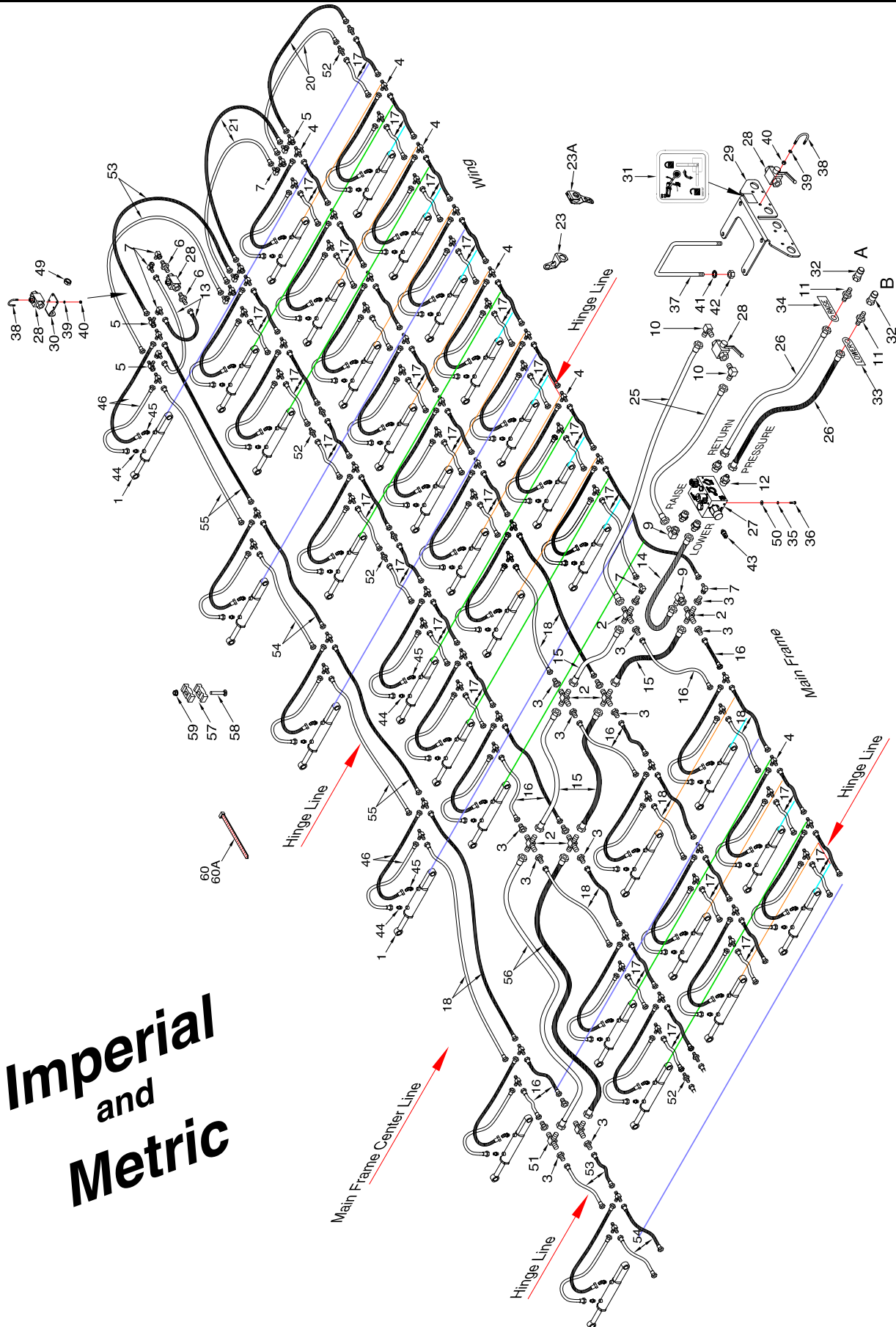
### 3 Rank Opener Hydraulics - 15 inch (380 mm) Spacing - 40 ft to 70 ft

| Item | Part No. | Description                                                                   | Qty   |
|------|----------|-------------------------------------------------------------------------------|-------|
| 1    | *****    | Cylinder - Row Unit.....                                                      | AsReq |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                 | 6     |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                                    | 14    |
| 4    | C-4393   | Tee - 9/16-18 MJIC .....                                                      | AsReq |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....                          | 8     |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB.....                                   | 4     |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC.....                                   | 10    |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                           | 2     |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                     | 2     |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                     | 2     |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB.....                                    | 2     |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....                     | 4     |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                 | 4     |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 1     |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends.....                     | 4     |
| 16   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                | 4     |
| 17   | S65380   | Hyd Hose - 3/8 x 45 Lg - #6 9/16-18 FJIC Ends.....                            | AsReq |
| 18   | S65437   | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC Ends.....                            | 2     |
| 19   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC - Outer Hinge Line.....              | 12    |
| 20   | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - <b>40 ft</b> .....            | 4     |
|      | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....            | 4     |
|      | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - <b>60 ft</b> .....            | 4     |
|      | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....            | 4     |
| 21   | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC Ends - <b>40 ft</b> .....            | 4     |
|      | S66437   | Hyd Hose - 3/8 x 100 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....           | 4     |
|      | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - <b>60 ft</b> .....            | 4     |
|      | S66437   | Hyd Hose - 3/8 x 100 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....           | 4     |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends.....                           | 2     |
| 23   | S66245   | Hose Holder - Opener .....                                                    | AsReq |
| 23A  | S67170   | Hose Holder - Opener - Low Profile.....                                       | 6     |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                     | 4     |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                          | 2     |
| 27   | S68006   | Manifold - Opener Control .....                                               | 1     |
| 28   | N42880   | Lock Valve - 2 Way Ball.....                                                  | 3     |
| 28A  | N42881   | Handle - Valve.....                                                           | 1     |
| 29   | S65129   | Valve Mounting Plate .....                                                    | 1     |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                | 2     |
| 31   | S65157   | Decal ISO - Openers Lock.....                                                 | 1     |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                  | 2     |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                   | 1     |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE.....                                    | 1     |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block ).....                                      | 4     |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block).....                                  | 4     |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                              | 2     |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2.....                                                 | 4     |
| 39   | W-521    | Lockwasher - 1/4 .....                                                        | 8     |
| 40   | W-512    | Hex Nut - 1/4.....                                                            | 8     |
| 41   | W-525    | Lockwasher - 1/2 .....                                                        | 4     |
| 42   | W-516    | Hex Nut - 1/2.....                                                            | 4     |
| 43   | K62977   | Pressure Transducer.....                                                      | 1     |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener).....       | AsReq |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....       | AsReq |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener)..... | AsReq |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line.....                                 | 4     |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                               | 4     |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                         | 2     |
| 50   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                | 2     |
| 51   | S42967   | Hyd Hose - 3/8 x 30 Lg w/ #6 9/16-18 FJIC.....                                | 4     |
| 52   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ).....                   | 4     |

Imperial



# Four Rank Hydraulic Option - 10 inch Spacing - 40 ft Model



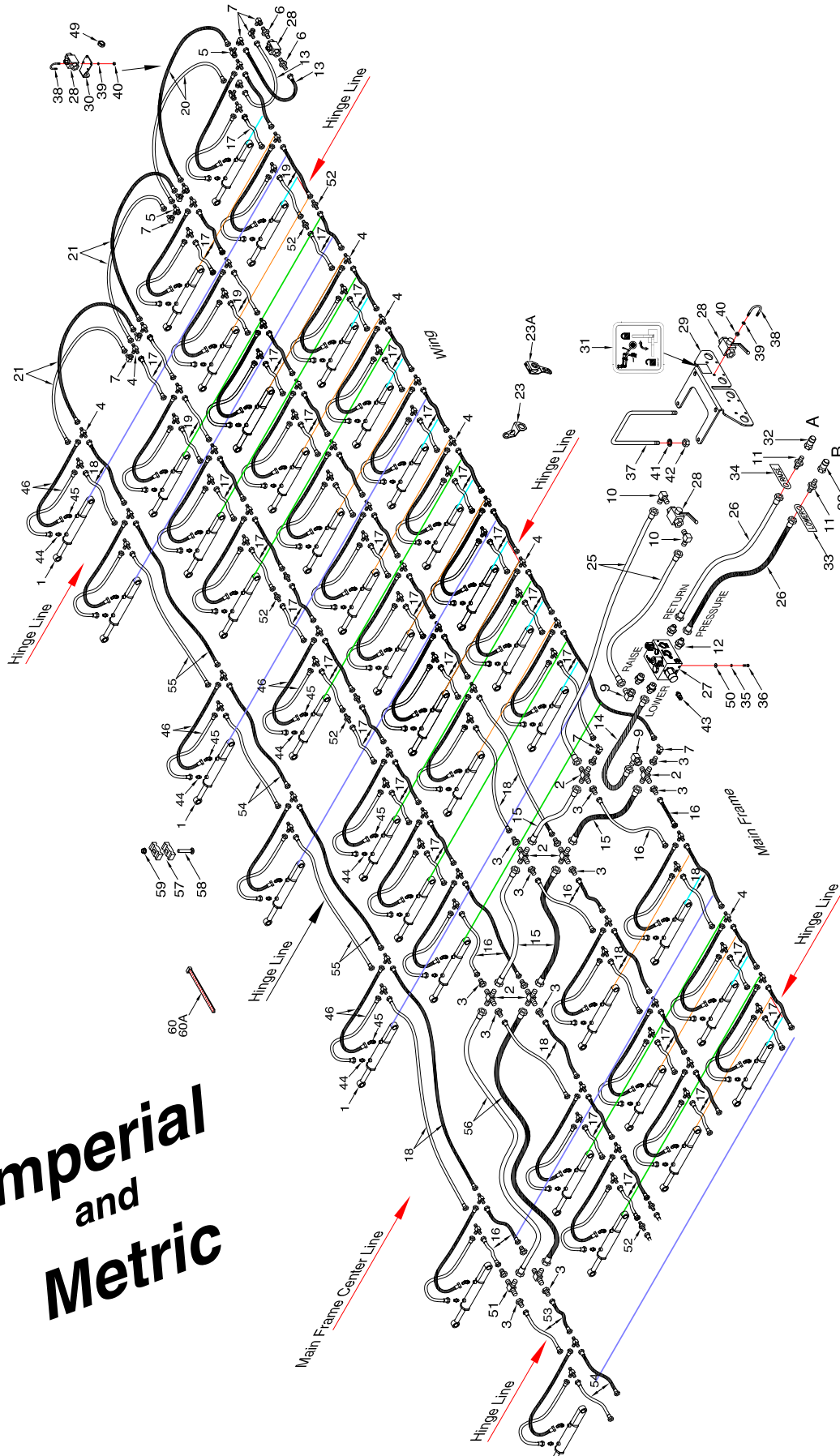
**Imperial  
and  
Metric**

# Four Rank Hydraulic Option - 10 inch Spacing - 40 ft

| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit .....                                                            | 48  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                        | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                          | 18  |
| 4    | C-4393   | Tee - 9/16-18 MJIC - 2 for 4th Rank .....                                            | 96  |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) - 4 for 4th Rank .....               | 8   |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                         | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                        | 10  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                                  | 2   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                           | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                           | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                          | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                           | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                        | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                       | 10  |
| 17   | S42967   | Hyd Hose - 3/8 x 30Lg - #6 9/16-18 FJIC .....                                        | 86  |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC - 8 for 4th Rank .....                      | 10  |
| 19   | *****    |                                                                                      |     |
| 20   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - 12m and <b>40 ft</b> .....           | 4   |
| 21   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - 12m and <b>40 ft</b> .....           | 4   |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - Not required with 4th Row Kit ..... | 2   |
| 23   | S66245   | Hose Holder - Opener .....                                                           | 46  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                             | 6   |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                            | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                      | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball .....                                                        | 3   |
| 28A  | N42881   | Handle - Valve .....                                                                 | 1   |
| 29   | S65129   | Valve Mounting Plate .....                                                           | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                       | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                       | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                         | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                          | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                          | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block) .....                                             | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ... (Valve Block) .....                                        | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                    | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                       | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                               | 8   |
| 40   | W-512    | Hex Nut - 1/4 .....                                                                  | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                               | 4   |
| 42   | W-516    | Hex Nut - 1/2 .....                                                                  | 4   |
| 43   | K62977   | Pressure Transducer .....                                                            | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....             | 48  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....              | 48  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....       | 100 |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                       | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                      | 4   |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                                | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block) .....                          | 4   |
| 51   | C-4394   | Tee - (3) 7/8-14 MJIC .....                                                          | 2   |
| 52   | H18269   | Connector - 9/16-18 (#06) MJIC .....                                                 | 12  |
| 53   | S65437   | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC .....                                       | 6   |
| 54   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                       | 4   |
| 55   | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC .....                                       | 6   |
| 56   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                           | 2   |
| 57   | C-4698   | Oil Line Clamp .....                                                                 | 8   |
| 58   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                 | 4   |
| 59   | S27987   | Locknut - 3/8 Flanged Centre Lock .....                                              | 4   |
| 60   | S13336   | Nylon Tie Strap - 3/8 x 24 Lg .....                                                  | 12  |
| 60A  | D-4838   | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                             | 6   |

Imperial  
and  
Metric

# Four Rank Hydraulic Option - 10 inch Spacing - 50 ft Model



**Imperial  
and  
Metric**

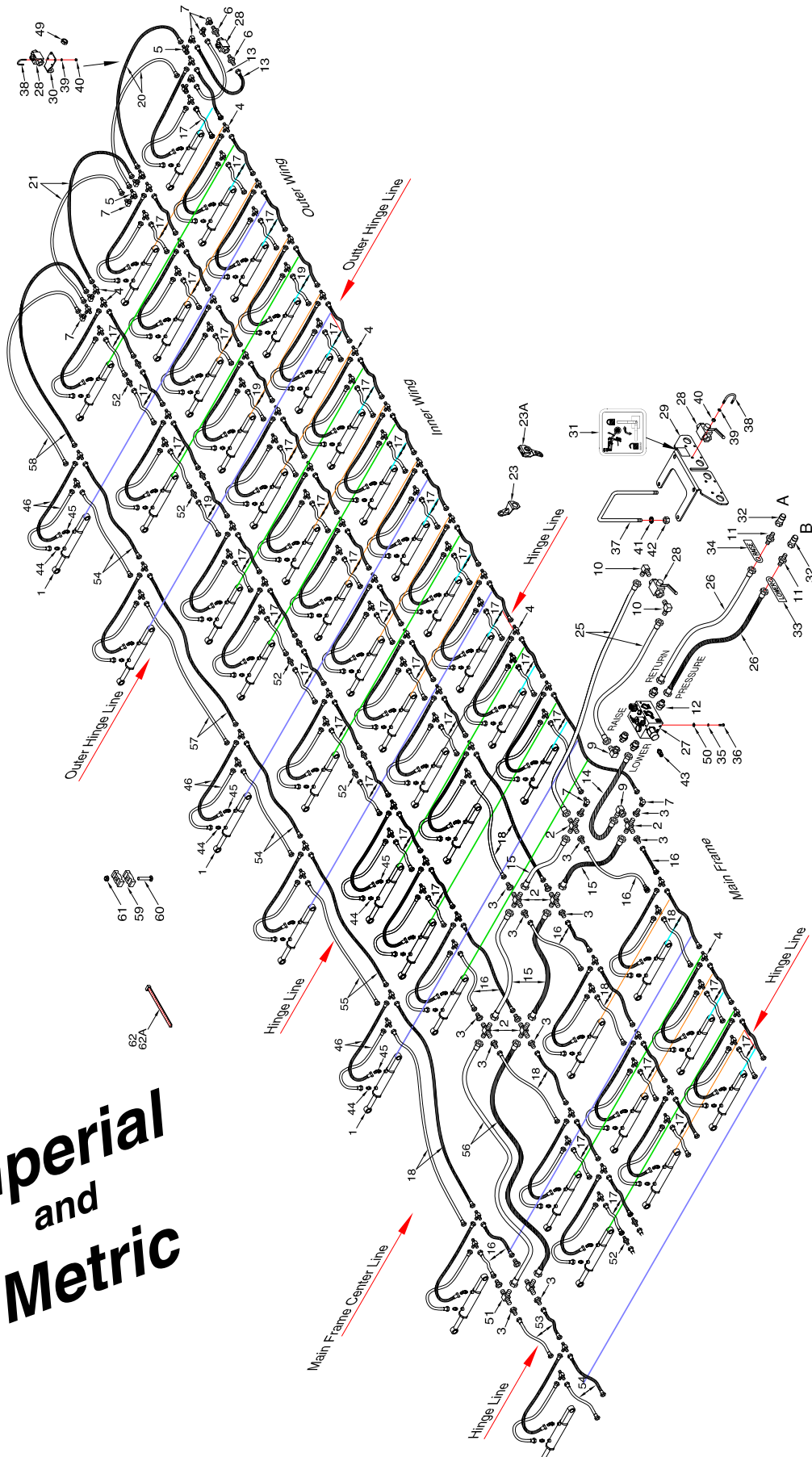


## Four Rank Hydraulic Option - 10 inch - 50 ft

| Item | Part No.               | Description                                                                                          | Qty               |
|------|------------------------|------------------------------------------------------------------------------------------------------|-------------------|
| 1    | *****                  | Cylinder - Row Unit .....                                                                            | 60                |
| 2    | C-4401                 | Cross - (4) 7/8-14 MJIC .....                                                                        | 6                 |
| 3    | F10384                 | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                                          | 18                |
| 4    | C-4393                 | Tee - 9/16-18 MJIC - 6 for 4th Rank .....                                                            | 124               |
| 5    | C-4403                 | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) .....                                                | 8                 |
| 6    | C15348                 | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                                         | 4                 |
| 7    | S29967                 | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                                        | 20                |
| 8    | F-3867                 | 90 Elbow - 9/16-18 (#06) MJIC .....                                                                  | 2                 |
| 9    | K-5806                 | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                                           | 2                 |
| 10   | C24585                 | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                                           | 2                 |
| 11   | C14840                 | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                                          | 2                 |
| 12   | N47903                 | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                                           | 4                 |
| 13   | S66243                 | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                                        | 4                 |
| 14   | S66755                 | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                                           | 1                 |
| 15   | S66758                 | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                                           | 4                 |
| 16   | S47973                 | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                                       | 10                |
| 17   | S42967                 | Hyd Hose - 3/8 x 30Lg - #6 9/16-18 FJIC .....                                                        | 98                |
| 18   | S65670                 | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                                       | 12                |
| 19   | S65670                 | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC - Outer Hinge Line .....                                    | 12                |
| 20   | S65407                 | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - 15m .....                                            | 4                 |
|      | S47799                 | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....                                   | 4                 |
| 21   | S66438                 | Hyd Hose - 3/8 x 92 Lg - #6 9/16-18 FJIC Ends - 15m .....                                            | 8                 |
|      | S65397                 | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....                                   | 4                 |
| 22   | <a href="#">S65420</a> | <a href="#">Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - Not required with 4th Row Kit .....</a> | <a href="#">2</a> |
| 23   | S66245                 | Hose Holder - Opener .....                                                                           | 58                |
| 23A  | S67170                 | Hose Holder - Opener - Low Profile .....                                                             | 6                 |
| 24   | S68415                 | Hose Holder Loop - Outer Hinge Line .....                                                            | 4                 |
| 25   | S65668                 | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                                 | 2                 |
| 26   | S58157                 | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                                 | 2                 |
| 27   | S68006                 | Manifold - Opener Control .....                                                                      | 1                 |
| 28   | N42880                 | Lock Valve - 2 Way Ball .....                                                                        | 3                 |
| 28A  | N42881                 | Handle - Valve .....                                                                                 | 1                 |
| 29   | S65129                 | Valve Mounting Plate .....                                                                           | 1                 |
| 30   | S66754                 | Mount Plate - Ball Valve .....                                                                       | 2                 |
| 31   | S65157                 | Decal ISO - Openers Lock .....                                                                       | 1                 |
| 32   | N34443                 | Male Tip - 3/4-16 MORB .....                                                                         | 2                 |
| 33   | S29959                 | Tag - Hose ID - Depth Control - LOWER .....                                                          | 1                 |
| 34   | S29958                 | Tag - Hose ID - Depth Control - RAISE .....                                                          | 1                 |
| 35   | W-523                  | Lockwasher - 3/8 ... (Valve Block) .....                                                             | 4                 |
| 36   | W-475                  | Hex Bolt - 3/8 x 1 Lg ... (Valve Block) .....                                                        | 4                 |
| 37   | H25628                 | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                                    | 2                 |
| 38   | N34319                 | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                                       | 4                 |
| 39   | W-521                  | Lockwasher - 1/4 .....                                                                               | 8                 |
| 40   | W-512                  | Hex Nut - 1/4 .....                                                                                  | 8                 |
| 41   | W-525                  | Lockwasher - 1/2 .....                                                                               | 4                 |
| 42   | W-516                  | Hex Nut - 1/2 .....                                                                                  | 4                 |
| 43   | K62977                 | Pressure Transducer .....                                                                            | 1                 |
| 44   | N29358                 | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....                             | 60                |
| 45   | N19578                 | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....                              | 60                |
| 46   | S66243                 | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....                       | 124               |
| 47   | W-475                  | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                                       | 4                 |
| 48   | D-5279                 | Locknut - 3/8 Serrated - Outer Hinge Line .....                                                      | 4                 |
| 49   | S-711                  | Hex Jam Nut - 1 .....                                                                                | 2                 |
| 50   | W-538                  | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block) .....                                          | 4                 |
| 51   | C-4394                 | Tee - (3) 7/8-14 MJIC .....                                                                          | 2                 |
| 52   | H18269                 | Connector - 9/16-18 (#06) MJIC .....                                                                 | 12                |
| 53   | S65437                 | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC .....                                                       | 2                 |
| 54   | S47799                 | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                                       | 4                 |
| 55   | S65397                 | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC .....                                                       | 6                 |
| 56   | H-4408                 | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                                           | 2                 |
| 57   | C-4698                 | Oil Line Clamp .....                                                                                 | 8                 |
| 58   | W14501                 | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                                 | 4                 |
| 59   | S27987                 | Locknut - 3/8 Flanged Centre Lock .....                                                              | 4                 |
| 60   | S13336                 | Nylon Tie Strap - 3/8 x 24 Lg .....                                                                  | 12                |
| 60A  | D-4838                 | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                                             | 6                 |

Imperial  
and  
Metric

# Four Rank Hydraulic Option - 10 inch Spacing - 60 ft Model



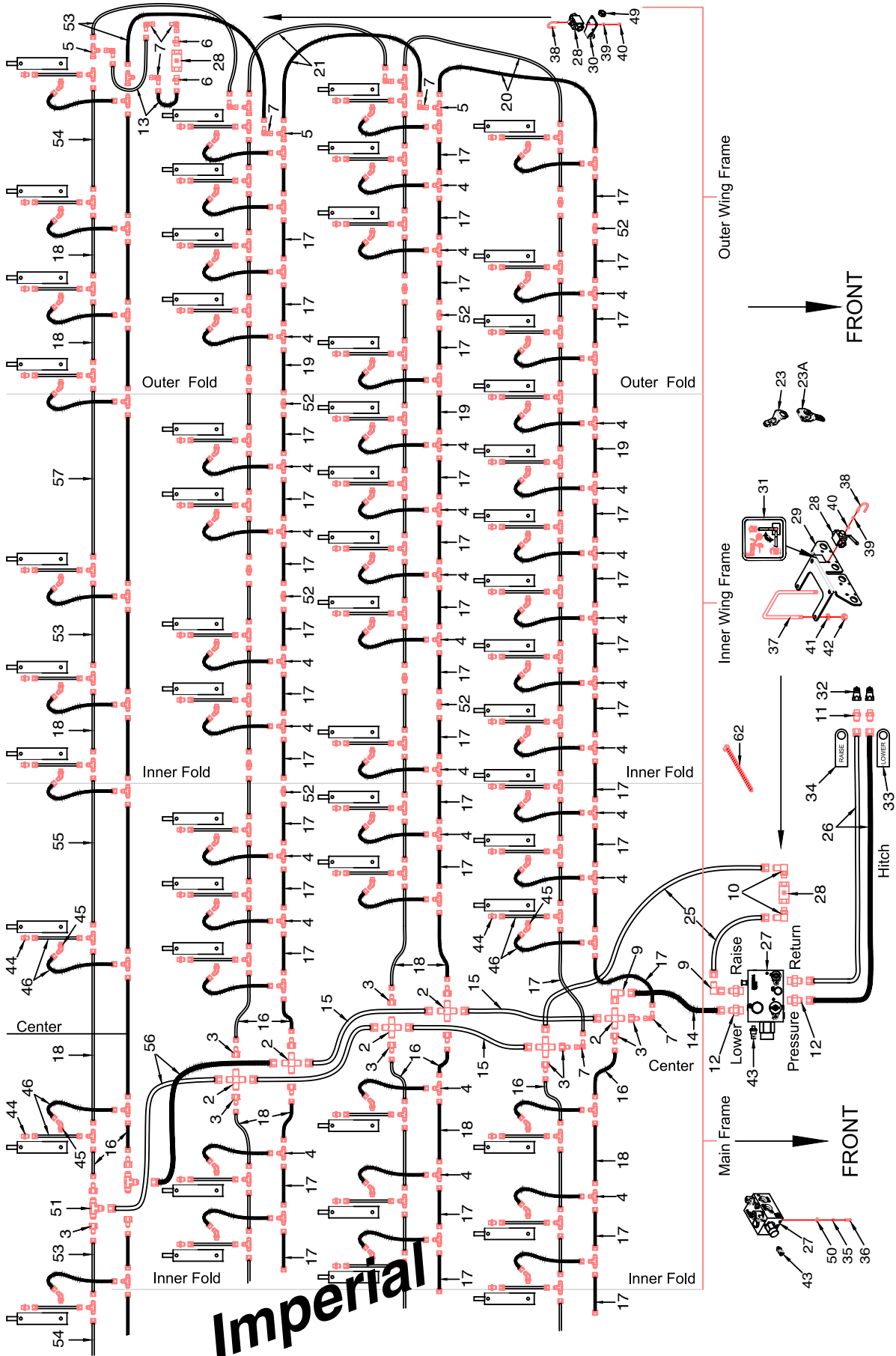
**Imperial  
and  
Metric**

## Four Rank Hydraulic Option - 10 inch - 60 ft

| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit .....                                                            | 72  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                        | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                          | 18  |
| 4    | C-4393   | Tee - 9/16-18 MJIC - 2 for 4th Rank .....                                            | 144 |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) - 4 for 4th Rank .....               | 8   |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                         | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                        | 20  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                                  | 2   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                           | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                           | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                          | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                           | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                        | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                       | 10  |
| 17   | S42967   | Hyd Hose - 3/8 x 30Lg - #6 9/16-18 FJIC .....                                        | 122 |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                       | 8   |
| 19   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC - Outer Hinge Line .....                    | 12  |
| 20   | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - 18m .....                            | 4   |
|      | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC Ends - 60 ft .....                          | 4   |
| 21   | S66438   | Hyd Hose - 3/8 x 92 Lg - #6 9/16-18 FJIC Ends - 18m .....                            | 4   |
|      | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC Ends - 60 ft .....                          | 4   |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - Not required with 4th Row Kit ..... | 2   |
| 23   | S66245   | Hose Holder - Opener .....                                                           | 66  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                             | 6   |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                            | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                      | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball .....                                                        | 3   |
| 28A  | N42881   | Handle - Valve .....                                                                 | 1   |
| 29   | S65129   | Valve Mounting Plate .....                                                           | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                       | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                       | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                         | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                          | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                          | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block ) .....                                            | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ... (Valve Block) .....                                        | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                    | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                       | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                               | 8   |
| 40   | W-512    | Hex Nut - 1/4 .....                                                                  | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                               | 4   |
| 42   | W-516    | Hex Nut - 1/2 .....                                                                  | 4   |
| 43   | K62977   | Pressure Transducer .....                                                            | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....             | 72  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....              | 72  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....       | 148 |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                       | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                      | 4   |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                                | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ) .....                         | 4   |
| 51   | C-4394   | Tee - (3) 7/8-14 MJIC .....                                                          | 2   |
| 52   | H18269   | Connector - 9/16-18 (#06) MJIC .....                                                 | 16  |
| 53   | S65437   | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC .....                                       | 2   |
| 54   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                       | 8   |
| 55   | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC .....                                       | 2   |
| 56   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                           | 2   |
| 57   | S65409   | Hyd Hose - 3/8 x 108 Lg - 9/16-18 FJIC Ends .....                                    | 4   |
| 58   | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends .....                                  | 4   |
| 59   | C-4698   | Oil Line Clamp .....                                                                 | 12  |
| 60   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                 | 6   |
| 61   | S27987   | Locknut - 3/8 Flanged Centre Lock .....                                              | 6   |
| 62   | S13336   | Nylon Tie Strap - 3/8 x 24 Lg .....                                                  | 16  |
| 62A  | D-4838   | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                             | 8   |

Imperial  
and  
Metric

# Four Rank Hydraulic Option - 10 inch Spacing - 70 ft Model



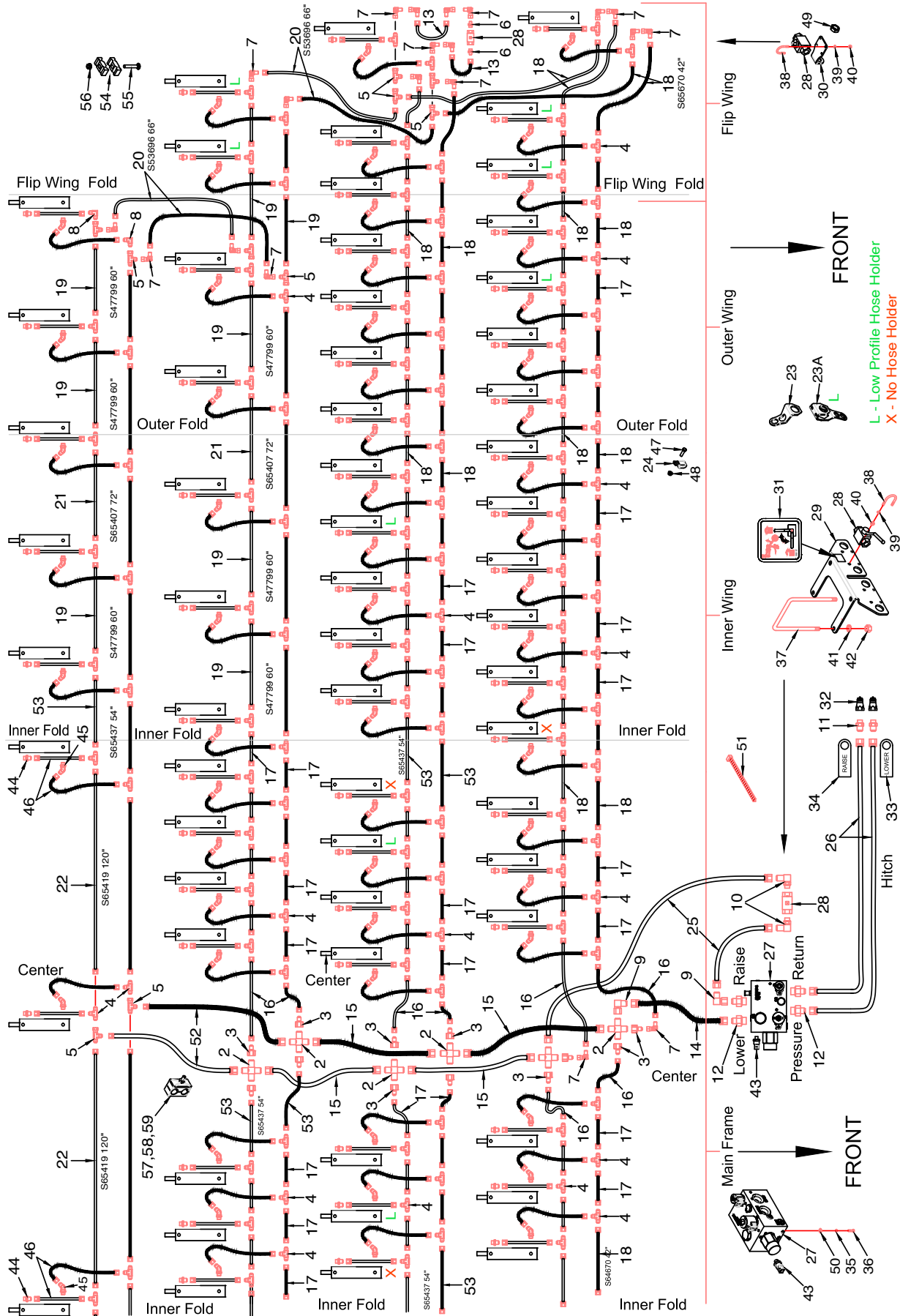
# Four Rank Hydraulic Option - 10 inch Spacing - 70 ft

| Item | Part No. | Description                                                                                 | Qty |
|------|----------|---------------------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit .....                                                                   | 84  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                               | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                                 | 18  |
| 4    | C-4393   | Tee - 9/16-18 MJIC - 2 for 4th Rank .....                                                   | 168 |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) - 4 for 4th Rank .....                      | 8   |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                                | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                               | 20  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                                         | 2   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                                  | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                                  | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                                 | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                                  | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                               | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                                  | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                                  | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                              | 10  |
| 17   | S42967   | Hyd Hose - 3/8 x 30Lg - #6 9/16-18 FJIC .....                                               | 146 |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                              | 16  |
| 19   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC - Outer Hinge Line .....                           | 12  |
| 20   | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - 21m .....                                   | 4   |
|      | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....                          | 4   |
| 21   | S66438   | Hyd Hose - 3/8 x 92 Lg - #6 9/16-18 FJIC Ends - 21m .....                                   | 4   |
|      | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC Ends - <b>70 ft</b> .....                          | 4   |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - <b>Not required with 4th Row Kit</b> ..... | 2   |
| 23   | S66245   | Hose Holder - Opener .....                                                                  | 78  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                                    | 6   |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                                   | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                        | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                        | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                             | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball .....                                                               | 3   |
| 28A  | N42881   | Handle - Valve .....                                                                        | 1   |
| 29   | S65129   | Valve Mounting Plate .....                                                                  | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                              | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                              | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                                | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                                 | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                                 | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block ) .....                                                   | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ... (Valve Block) .....                                               | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                           | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                              | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                                      | 8   |
| 40   | W-512    | Hex Nut - 1/4 .....                                                                         | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                                      | 4   |
| 42   | W-516    | Hex Nut - 1/2 .....                                                                         | 4   |
| 43   | K62977   | Pressure Transducer .....                                                                   | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....                    | 84  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....                     | 84  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....              | 172 |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                              | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                             | 4   |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                                       | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ) .....                                | 4   |
| 51   | C-4394   | Tee - (3) 7/8-14 MJIC .....                                                                 | 2   |
| 52   | H18269   | Connector - 9/16-18 (#06) MJIC .....                                                        | 24  |
| 53   | S65437   | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC .....                                              | 6   |
| 54   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                              | 4   |
| 55   | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC .....                                              | 2   |
| 56   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                                  | 2   |
| 57   | S65409   | Hyd Hose - 3/8 x 108 Lg - 9/16-18 FJIC Ends .....                                           | 4   |
| 58   | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC Ends .....                                         | 12  |
| 59   | C-4698   | Oil Line Clamp .....                                                                        | 12  |
| 60   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                        | 6   |
| 61   | S27987   | Locknut - 3/8 Flanged Centre Lock .....                                                     | 6   |
| 62   | S13336   | Nylon Tie Strap - 3/8 x 24 Lg .....                                                         | 16  |
| 62A  | D-4838   | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                                    | 8   |

Imperial



# Four Rank Hydraulic Option - 10 inch Spacing - 80 ft Model

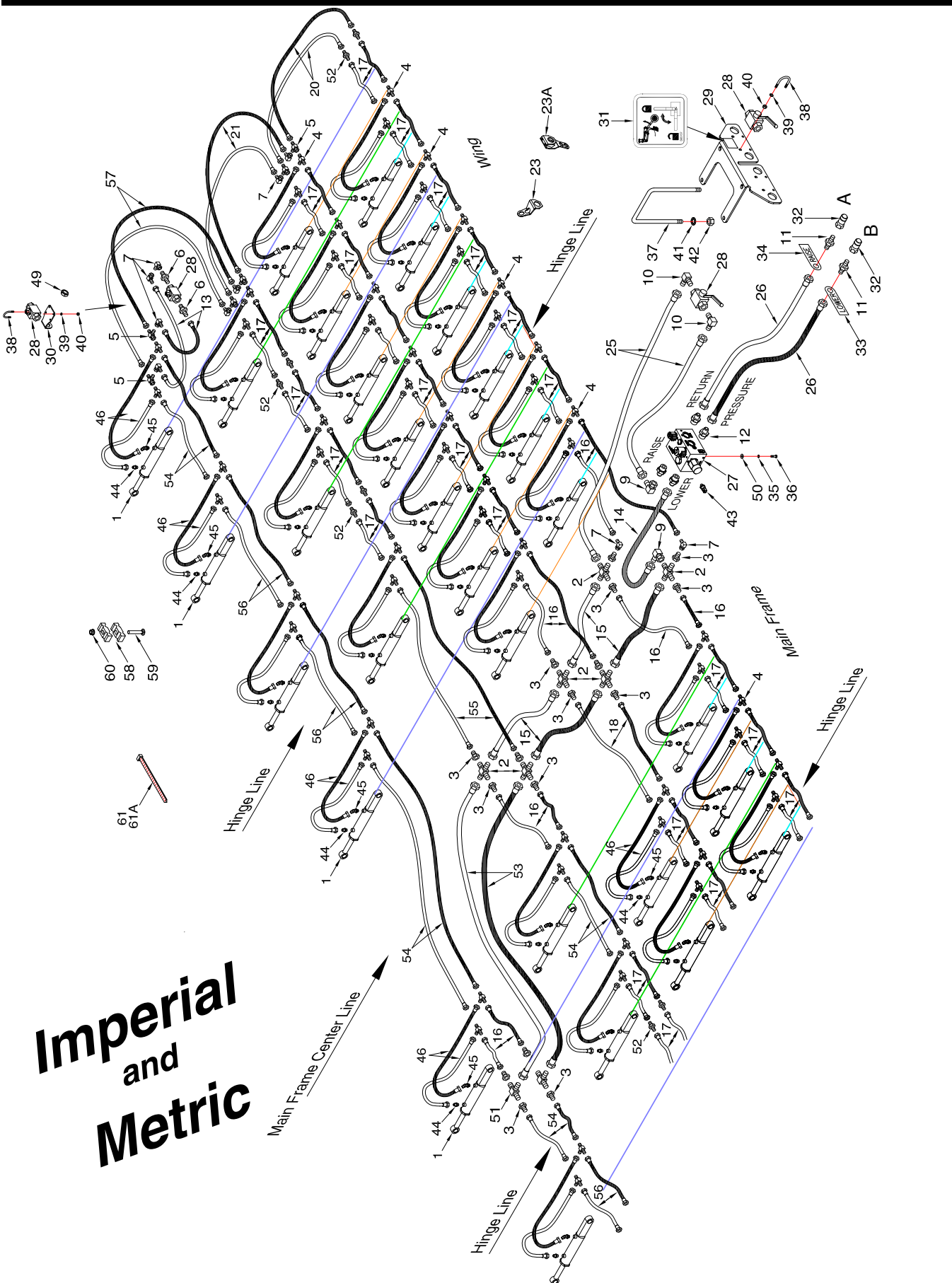


## Four Rank Hydraulic Option - 10 inch Spacing - 80 ft

| Item | Part No. | Description                                                                    | Qty |
|------|----------|--------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit.....                                                       | 97  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC.....                                                   | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC.....                                      | 12  |
| 4    | C-4393   | Tee - 9/16-18 MJIC .....                                                       | 190 |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....                           | 18  |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB.....                                    | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - (G73216-10) (G73219-16) .....         | 38  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                            | 4   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                      | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                      | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB.....                                     | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....                      | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve.....                   | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                     | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                     | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....                                 | 8   |
| 17   | S42967   | Hyd Hose - 3/8 x 30 Lg - #6 9/16-18 FJIC .....                                 | 106 |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                 | 28  |
| 19   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                 | 28  |
| 20   | N53696   | Hyd Hose - 3/8 x 66 Lg - 9/16-18 FJIC .....                                    | 8   |
| 21   | S65407   | Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC Ends .....                               | 8   |
| 22   | S65419   | Hyd Hose - 3/8 x 120 Lg - #6 9/16-18 FJIC Ends .....                           | 4   |
| 23   | S66245   | Hose Holder - Opener .....                                                     | 79  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                       | 14  |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line.....                                       | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                           | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                           | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball.....                                                   | 3   |
| 28A  | N42881   | Handle - Valve.....                                                            | 1   |
| 29   | S65129   | Valve Mounting Plate.....                                                      | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                 | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                 | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB.....                                                    | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER.....                                     | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                    | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block ) .....                                      | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block) .....                                  | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                               | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                 | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                         | 8   |
| 40   | W-512    | Hex Nut - 1/4.....                                                             | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                         | 4   |
| 42   | W-516    | Hex Nut - 1/2.....                                                             | 4   |
| 43   | K62977   | Pressure Transducer .....                                                      | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....       | 97  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....        | 97  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) ..... | 194 |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line.....                                  | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                | 4   |
| 49   | S-711    | Hex Jam Nut - 1.....                                                           | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block ).....                    | 4   |
| 51   | D-4951   | Nylon Tie Strap - 3/16 x 7 1/2 Lg.....                                         | 97  |
| 52   | S73390   | Hyd Hose - 1/2 x 52 Lg - #10 7/8-14 FJIC x #6 9/16-18 FJIC Swivel Ends .....   | 2   |
| 53   | S65437   | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC Ends - Flip Wing Hinge Line.....      | 10  |
| 54   | C-4698   | Oil Line Clamp.....                                                            | 28  |
| 55   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg.....                                            | 14  |
| 56   | S27987   | Locknut - 3/8 Flanged Centre Lock.....                                         | 14  |
| 57   | 11740    | Plastic Hose Clamp Assembly - 13/16.....                                       | 3   |
| 58   | S66015   | Carriage Bolt - 5/16 X 3 Lg .....                                              | 3   |
| 59   | C32925   | Locknut - 5/16 Center .....                                                    | 3   |



**Four Rank Hydraulic Option - 12 inch Spacing  
- 40 ft Model**

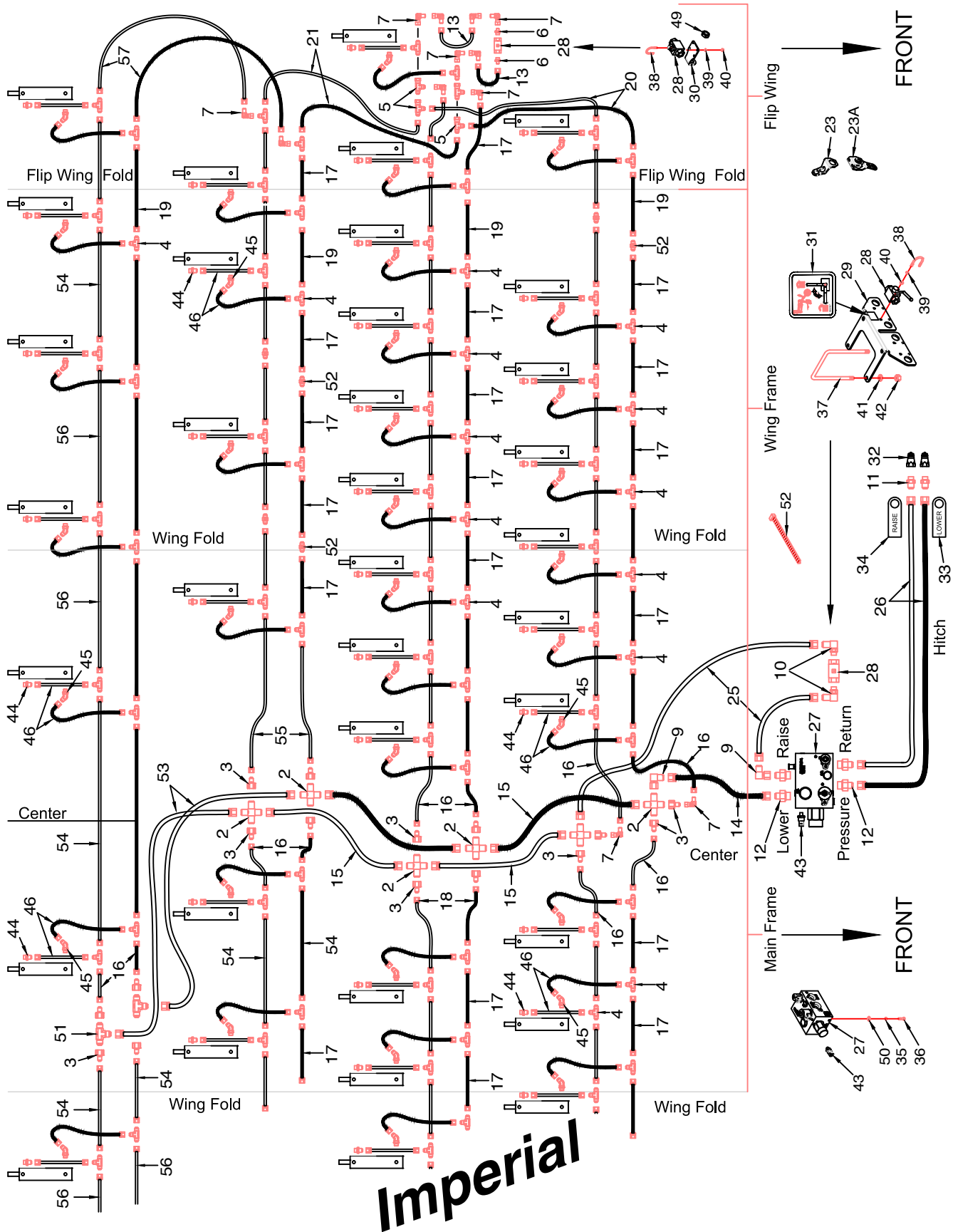


# Four Rank Hydraulic Option - 12 inch Spacing - 40 ft

| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit .....                                                            | 40  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                        | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                          | 18  |
| 4    | C-4393   | Tee - 9/16-18 MJIC .....                                                             | 82  |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) - 4 for 4th Rank .....               | 12  |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                         | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                        | 20  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                                  | 2   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                           | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                           | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                          | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                           | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                        | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC - 4 for 4th Rank .....                      | 10  |
| 17   | S42969   | Hyd Hose - 3/8 x 36 Lg - #6 9/16-18 FJIC .....                                       | 70  |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                       | 2   |
| 19   | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC - Outer Hinge Line .....                    | 14  |
| 20   | S65407   | Hyd Hose - 3/8 x 72 Lg - #6 9/16-18 FJIC Ends - 12m .....                            | 4   |
|      | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - 40 ft .....                          | 4   |
| 21   | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - 12m .....                            | 4   |
|      | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - 40 ft .....                          | 4   |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - Not required with 4th Row Kit ..... | 2   |
| 23   | S66245   | Hose Holder - Opener .....                                                           | 38  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                             | 6   |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                            | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                      | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball .....                                                        | 3   |
| 28A  | N42881   | Handle - Valve .....                                                                 | 1   |
| 29   | S65129   | Valve Mounting Plate .....                                                           | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                       | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                       | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                         | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                          | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                          | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block) .....                                             | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ... (Valve Block) .....                                        | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                    | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                       | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                               | 8   |
| 40   | W-512    | Hex Nut - 1/4 .....                                                                  | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                               | 4   |
| 42   | W-516    | Hex Nut - 1/2 .....                                                                  | 4   |
| 43   | K62977   | Pressure Transducer .....                                                            | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....             | 40  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....              | 40  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....       | 84  |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                       | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                      | 4   |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                                | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block) .....                          | 4   |
| 51   | C-4394   | Tee - (3) 7/8-14 MJIC .....                                                          | 2   |
| 52   | H18269   | Connector - 9/16-18 (#06) MJIC .....                                                 | 12  |
| 53   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                           | 2   |
| 54   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                       | 10  |
| 55   | N53696   | Hyd Hose - 3/8 x 66 Lg - 9/16-18 FJIC .....                                          | 2   |
| 56   | S65407   | Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC Ends .....                                     | 6   |
| 57   | S65437   | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC .....                                       | 4   |
| 58   | C-4698   | Oil Line Clamp .....                                                                 | 8   |
| 59   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                 | 4   |
| 60   | S27987   | Locknut - 3/8 Flanged Centre Lock .....                                              | 4   |
| 61   | S13336   | Nylon Tie Strap - 3/8 x 24 Lg .....                                                  | 12  |
| 61A  | D-4838   | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                             | 6   |

**Imperial  
and  
Metric**

# Four Rank Hydraulic Option - 12 inch Spacing - 50 ft Model

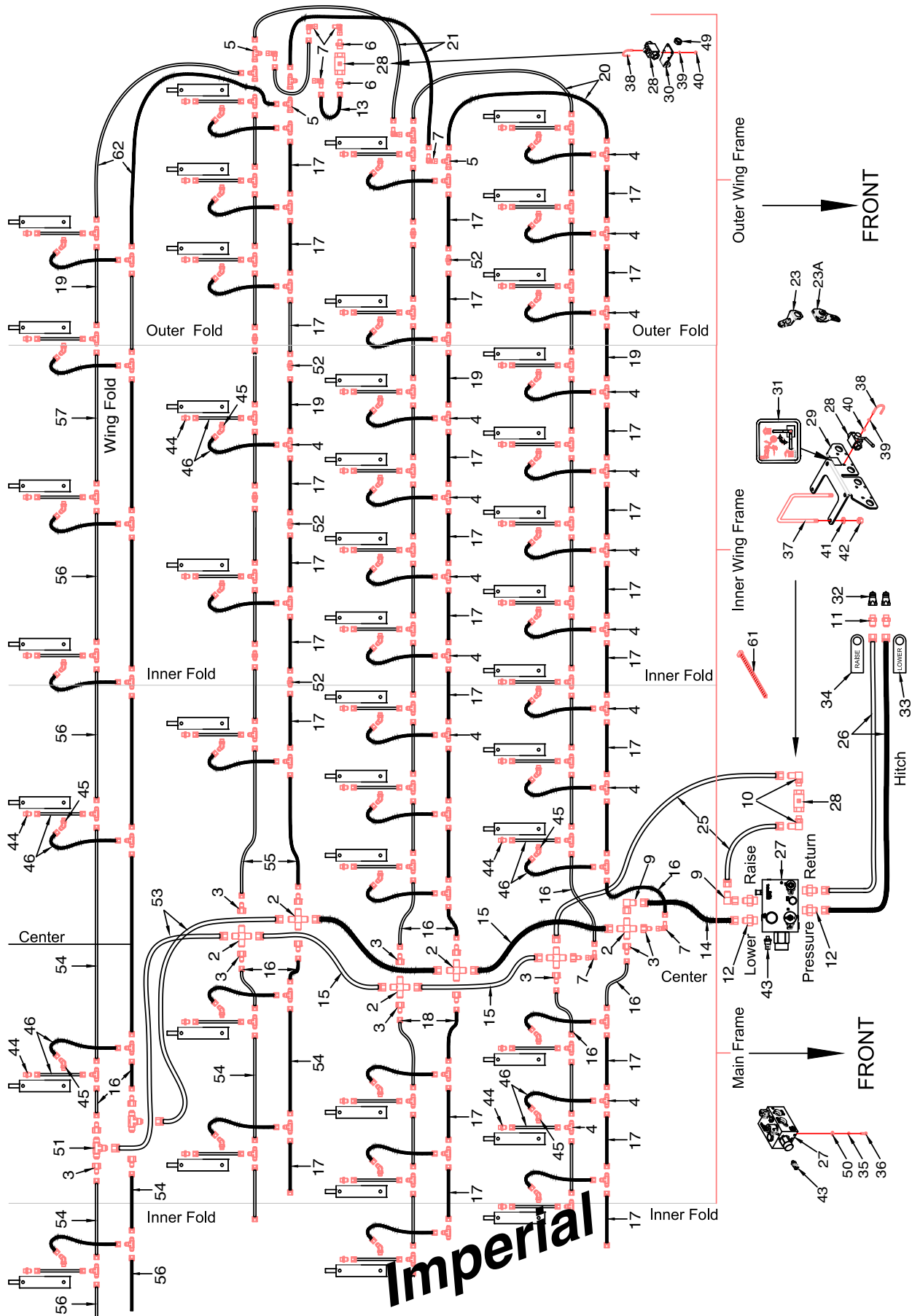


# Four Rank Hydraulic Option - 12 inch Spacing - 50 ft

| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit .....                                                            | 50  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                        | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                          | 18  |
| 4    | C-4393   | Tee - 9/16-18 MJIC - 6 for 4th Rank .....                                            | 104 |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) - 4 for 4th Rank .....               | 12  |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                         | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                        | 20  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                                  | 2   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                           | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                           | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                          | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                           | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                        | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC - 4 for 4th Rank .....                      | 10  |
| 17   | S42969   | Hyd Hose - 3/8 x 36 Lg - #6 9/16-18 FJIC .....                                       | 78  |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                       | 2   |
| 19   | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC - Outer Hinge Line .....                    | 16  |
| 20   | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....                   | 4   |
| 21   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - <b>50 ft</b> .....                   | 4   |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - Not required with 4th Row Kit ..... | 2   |
| 23   | S66245   | Hose Holder - Opener .....                                                           | 48  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                             | 6   |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                            | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                      | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball .....                                                        | 3   |
| 28A  | N42881   | Handle - Valve .....                                                                 | 1   |
| 29   | S65129   | Valve Mounting Plate .....                                                           | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                       | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                       | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                         | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                          | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                          | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block) .....                                             | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ... (Valve Block) .....                                        | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                    | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                       | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                               | 8   |
| 40   | W-512    | Hex Nut - 1/4 .....                                                                  | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                               | 4   |
| 42   | W-516    | Hex Nut - 1/2 .....                                                                  | 4   |
| 43   | K62977   | Pressure Transducer .....                                                            | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....             | 50  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....              | 50  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....       | 104 |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                       | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                      | 4   |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                                | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block) .....                          | 4   |
| 51   | C-4394   | Tee - (3) 7/8-14 MJIC .....                                                          | 2   |
| 52   | H18269   | Connector - 9/16-18 (#06) MJIC .....                                                 | 12  |
| 53   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                           | 2   |
| 54   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                       | 10  |
| 55   | N53696   | Hyd Hose - 3/8 x 66 Lg - 9/16-18 FJIC .....                                          | 2   |
| 56   | S65407   | Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC Ends .....                                     | 6   |
| 57   | S65397   | Hyd Hose - 3/8 x 80 Lg - #6 9/16-18 FJIC .....                                       | 4   |
| 58   | C-4698   | Oil Line Clamp .....                                                                 | 8   |
| 59   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                 | 4   |
| 60   | S27987   | Locknut - 3/8 Flanged Centre Lock .....                                              | 4   |
| 61   | S13336   | Nylon Tie Strap - 3/8 x 24 Lg .....                                                  | 12  |
| 61A  | D-4838   | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                             | 6   |

Imperial

# Four Rank Hydraulic Option - 12 inch Spacing - 60 ft Model



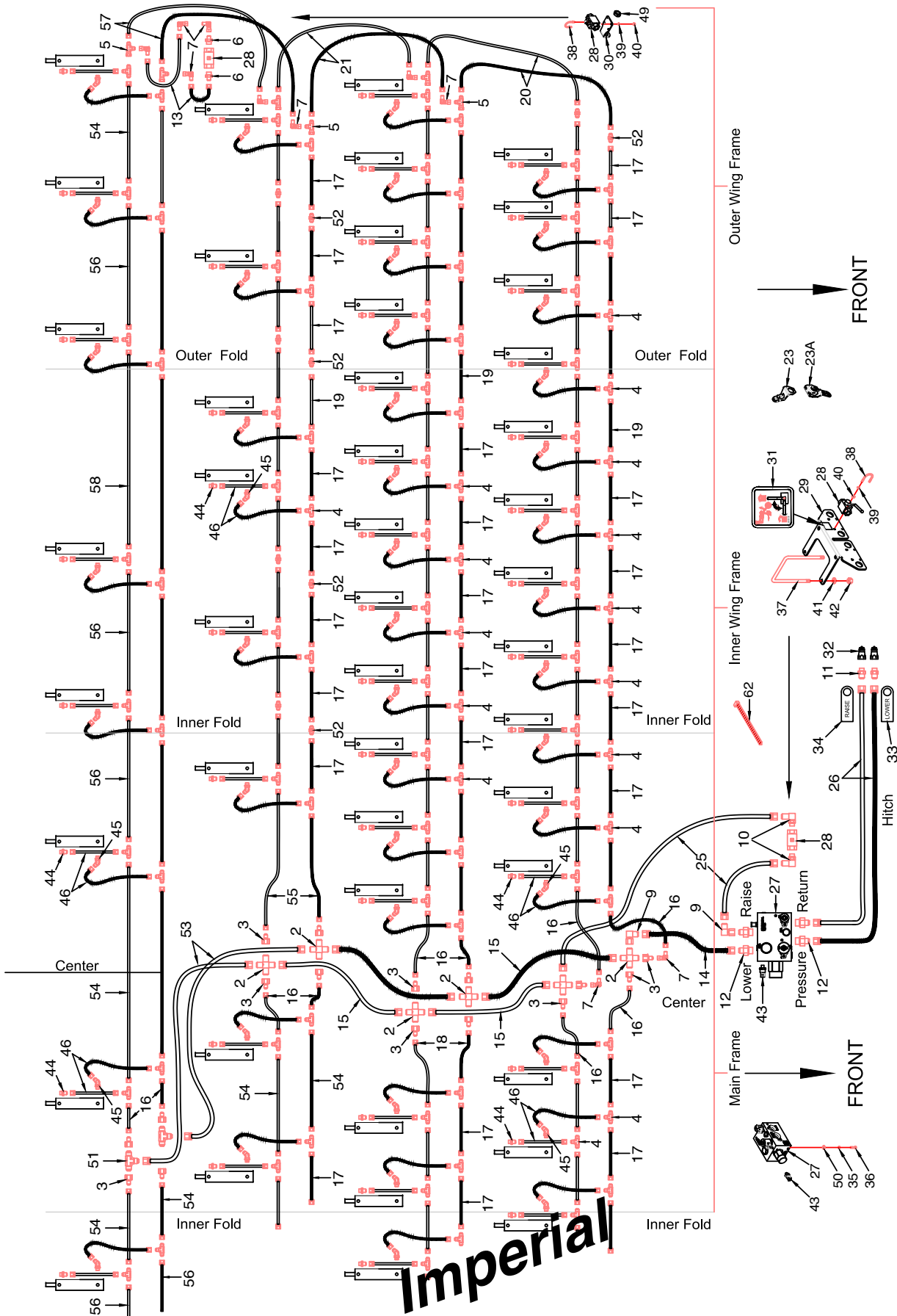


# Four Rank Hydraulic Option - 12 inch Spacing - 60 ft

| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit .....                                                            | 60  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                        | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                          | 18  |
| 4    | C-4393   | Tee - 9/16-18 MJIC - 6 for 4th Rank .....                                            | 124 |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) - 4 for 4th Rank .....               | 12  |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                         | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                        | 20  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                                  | 2   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                           | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                           | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                          | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                           | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                        | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC - 4 for 4th Rank .....                      | 10  |
| 17   | S42969   | Hyd Hose - 3/8 x 36 Lg - #6 9/16-18 FJIC .....                                       | 98  |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                       | 2   |
| 19   | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC - Outer Hinge Line .....                    | 16  |
| 20   | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - 60ft .....                           | 4   |
| 21   | N48126   | Hyd Hose - 3/8 x 76 Lg - #6 9/16-18 FJIC Ends - 60 ft .....                          | 4   |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - Not required with 4th Row Kit ..... | 2   |
| 23   | S66245   | Hose Holder - Opener .....                                                           | 54  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                             | 6   |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                            | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                      | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball .....                                                        | 3   |
| 28A  | N42881   | Handle - Valve .....                                                                 | 1   |
| 29   | S65129   | Valve Mounting Plate .....                                                           | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                       | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                       | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                         | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                          | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                          | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block) .....                                             | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block) .....                                        | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                    | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                       | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                               | 8   |
| 40   | W-512    | Hex Nut - 1/4 .....                                                                  | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                               | 4   |
| 42   | W-516    | Hex Nut - 1/2 .....                                                                  | 4   |
| 43   | K62977   | Pressure Transducer .....                                                            | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....             | 60  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....              | 60  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....       | 124 |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                       | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                      | 4   |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                                | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block) .....                          | 4   |
| 51   | C-4394   | Tee - (3) 7/8-14 MJIC .....                                                          | 2   |
| 52   | H18269   | Connector - 9/16-18 (#06) MJIC .....                                                 | 12  |
| 53   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                           | 2   |
| 54   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                       | 6   |
| 55   | N53696   | Hyd Hose - 3/8 x 66 Lg - 9/16-18 FJIC .....                                          | 2   |
| 56   | S65407   | Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC Ends .....                                     | 14  |
| 57   | S66438   | Hyd Hose - 3/8 x 92 Lg - #6 9/16-18 FJIC .....                                       | 4   |
| 58   | C-4698   | Oil Line Clamp .....                                                                 | 12  |
| 59   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                 | 6   |
| 60   | S27987   | Locknut - 3/8 Flanged Centre Lock .....                                              | 6   |
| 61   | S13336   | Nylon Tie Strap - 3/8 x 24 Lg .....                                                  | 16  |
| 61A  | D-4838   | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                             | 8   |
| 62   | S65409   | Hyd Hose - 3/8 x 108 Lg- #6 9/16-18 FJIC Ends - 60 ft .....                          | 4   |

Imperial

# Four Rank Hydraulic Option - 12 inch Spacing - 70 ft Model



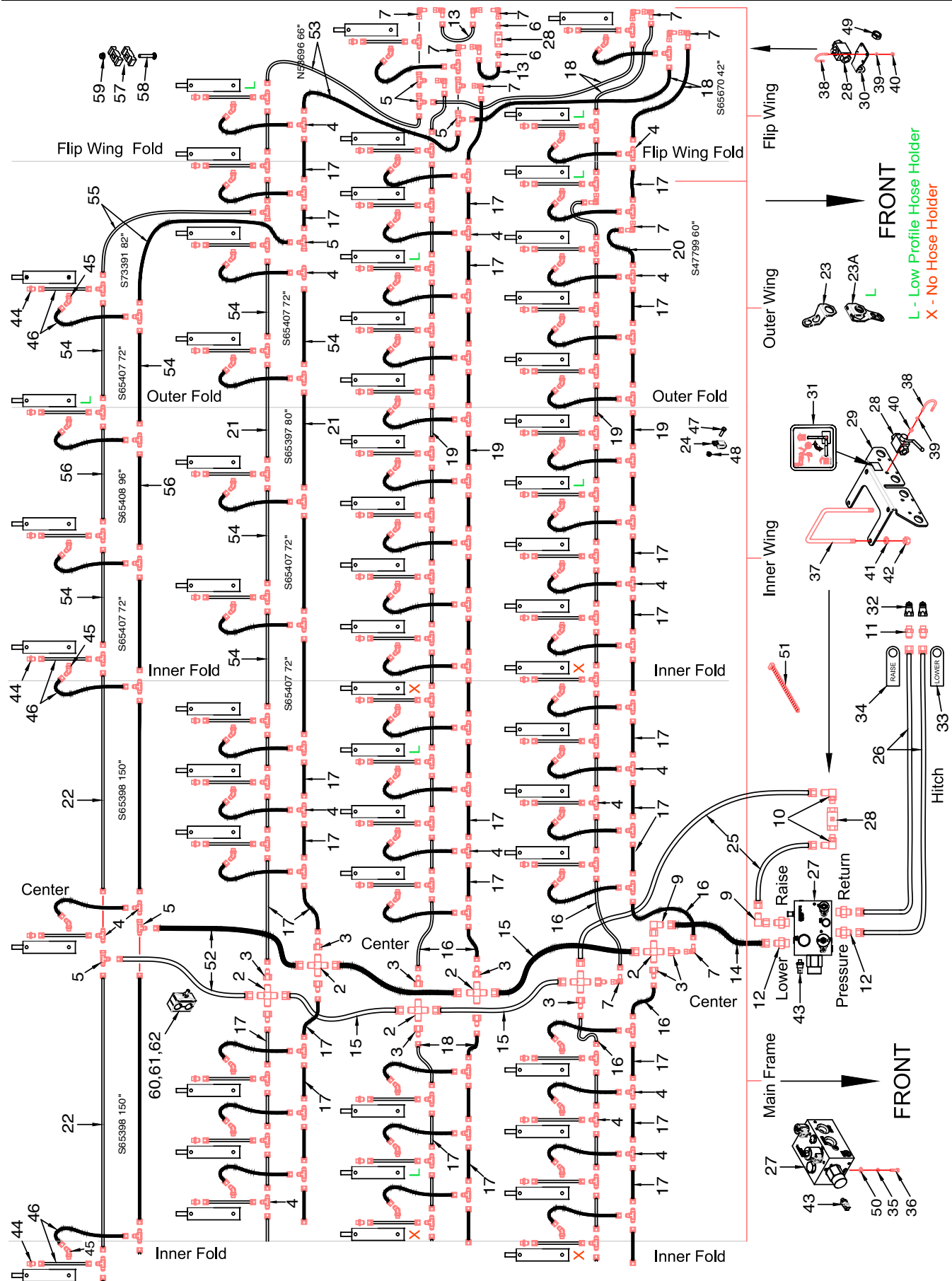


# Four Rank Hydraulic Option - 12 inch Spacing - 70 ft

| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | *****    | Cylinder - Row Unit .....                                                            | 70  |
| 2    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                        | 6   |
| 3    | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC - 4 for 4th Rank .....                          | 18  |
| 4    | C-4393   | Tee - 9/16-18 MJIC - 2 for 4th Rank .....                                            | 140 |
| 5    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) - 4 for 4th Rank .....               | 12  |
| 6    | C15348   | Connector - 9/16-18 MJIC x 3/4-16 MORB .....                                         | 4   |
| 7    | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - 4 for 4th Rank .....                        | 20  |
| 8    | F-3867   | 90 Elbow - 9/16-18 (#06) MJIC .....                                                  | 2   |
| 9    | K-5806   | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC .....                                           | 2   |
| 10   | C24585   | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB .....                                           | 2   |
| 11   | C14840   | Connector - 7/8-14 MJIC x 3/4-16 MORB .....                                          | 2   |
| 12   | N47903   | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB .....                           | 4   |
| 13   | S66243   | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                        | 4   |
| 14   | S66755   | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 1   |
| 15   | S66758   | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends .....                           | 4   |
| 16   | S47973   | Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC - 4 for 4th Rank .....                      | 10  |
| 17   | S42969   | Hyd Hose - 3/8 x 36 Lg - #6 9/16-18 FJIC .....                                       | 118 |
| 18   | S65670   | Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....                                       | 2   |
| 19   | S44353   | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC - Outer Hinge Line - 4 for 4th Rank .....   | 16  |
| 20   | N53696   | Hyd Hose - 3/8 x 66 Lg - #6 9/16-18 FJIC Ends - 70 ft .....                          | 4   |
| 21   | S66436   | Hyd Hose - 3/8 x 86 Lg - #6 9/16-18 FJIC Ends - 70 ft .....                          | 4   |
| 22   | S65420   | Hyd Hose - 3/8 x 126 Lg - #6 9/16-18 FJIC Ends - Not required with 4th Row Kit ..... | 2   |
| 23   | S66245   | Hose Holder - Opener .....                                                           | 64  |
| 23A  | S67170   | Hose Holder - Opener - Low Profile .....                                             | 6   |
| 24   | S68415   | Hose Holder Loop - Outer Hinge Line .....                                            | 4   |
| 25   | S65668   | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 26   | S58157   | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                 | 2   |
| 27   | S68006   | Manifold - Opener Control .....                                                      | 1   |
| 28   | N42880   | Lock Valve - 2 Way Ball .....                                                        | 3   |
| 28A  | N42881   | Handle - Valve .....                                                                 | 1   |
| 29   | S65129   | Valve Mounting Plate .....                                                           | 1   |
| 30   | S66754   | Mount Plate - Ball Valve .....                                                       | 2   |
| 31   | S65157   | Decal ISO - Openers Lock .....                                                       | 1   |
| 32   | N34443   | Male Tip - 3/4-16 MORB .....                                                         | 2   |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                                          | 1   |
| 34   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                                          | 1   |
| 35   | W-523    | Lockwasher - 3/8 ... (Valve Block) .....                                             | 4   |
| 36   | W-475    | Hex Bolt - 3/8 x 1 Lg ....(Valve Block) .....                                        | 4   |
| 37   | H25628   | U-Bolt - 1/2 x 6 x 9 3/8 Lg .....                                                    | 2   |
| 38   | N34319   | U-Bolt - 1/4 x 1 1/2 x 2 .....                                                       | 4   |
| 39   | W-521    | Lockwasher - 1/4 .....                                                               | 8   |
| 40   | W-512    | Hex Nut - 1/4 .....                                                                  | 8   |
| 41   | W-525    | Lockwasher - 1/2 .....                                                               | 4   |
| 42   | W-516    | Hex Nut - 1/2 .....                                                                  | 4   |
| 43   | K62977   | Pressure Transducer .....                                                            | 1   |
| 44   | N29358   | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....             | 70  |
| 45   | N19578   | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....              | 70  |
| 46   | S66243   | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener) .....       | 144 |
| 47   | W-475    | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line .....                                       | 4   |
| 48   | D-5279   | Locknut - 3/8 Serrated - Outer Hinge Line .....                                      | 4   |
| 49   | S-711    | Hex Jam Nut - 1 .....                                                                | 2   |
| 50   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block) .....                          | 4   |
| 51   | C-4394   | Tee - (3) 7/8-14 MJIC .....                                                          | 2   |
| 52   | H18269   | Connector - 9/16-18 (#06) MJIC .....                                                 | 16  |
| 53   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                                           | 2   |
| 54   | S47799   | Hyd Hose - 3/8 x 60 Lg - #6 9/16-18 FJIC .....                                       | 10  |
| 55   | N53696   | Hyd Hose - 3/8 x 66 Lg - 9/16-18 FJIC .....                                          | 2   |
| 56   | S65407   | Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC .....                                          | 12  |
| 57   | S65437   | Hyd Hose - 3/8 x 54 Lg - #6 9/16-18 FJIC .....                                       | 4   |
| 58   | S65419   | Hyd Hose - 3/8 x 120 Lg - #6 9/16-18 FJIC - 70 ft .....                              | 4   |
| 59   | C-4698   | Oil Line Clamp .....                                                                 | 12  |
| 60   | W14501   | Carriage Bolt - 3/8 x 2 1/4 Lg .....                                                 | 6   |
| 61   | S27987   | Locknut - 3/8 Flanged Centre Lock .....                                              | 6   |
| 62   | S13336   | Nylon Tie Strap - 3/8 x 24 Lg .....                                                  | 16  |
| 62A  | D-4838   | Nylon Tie Strap - 5/16 x 14 1/2 Lg .....                                             | 8   |

Imperial

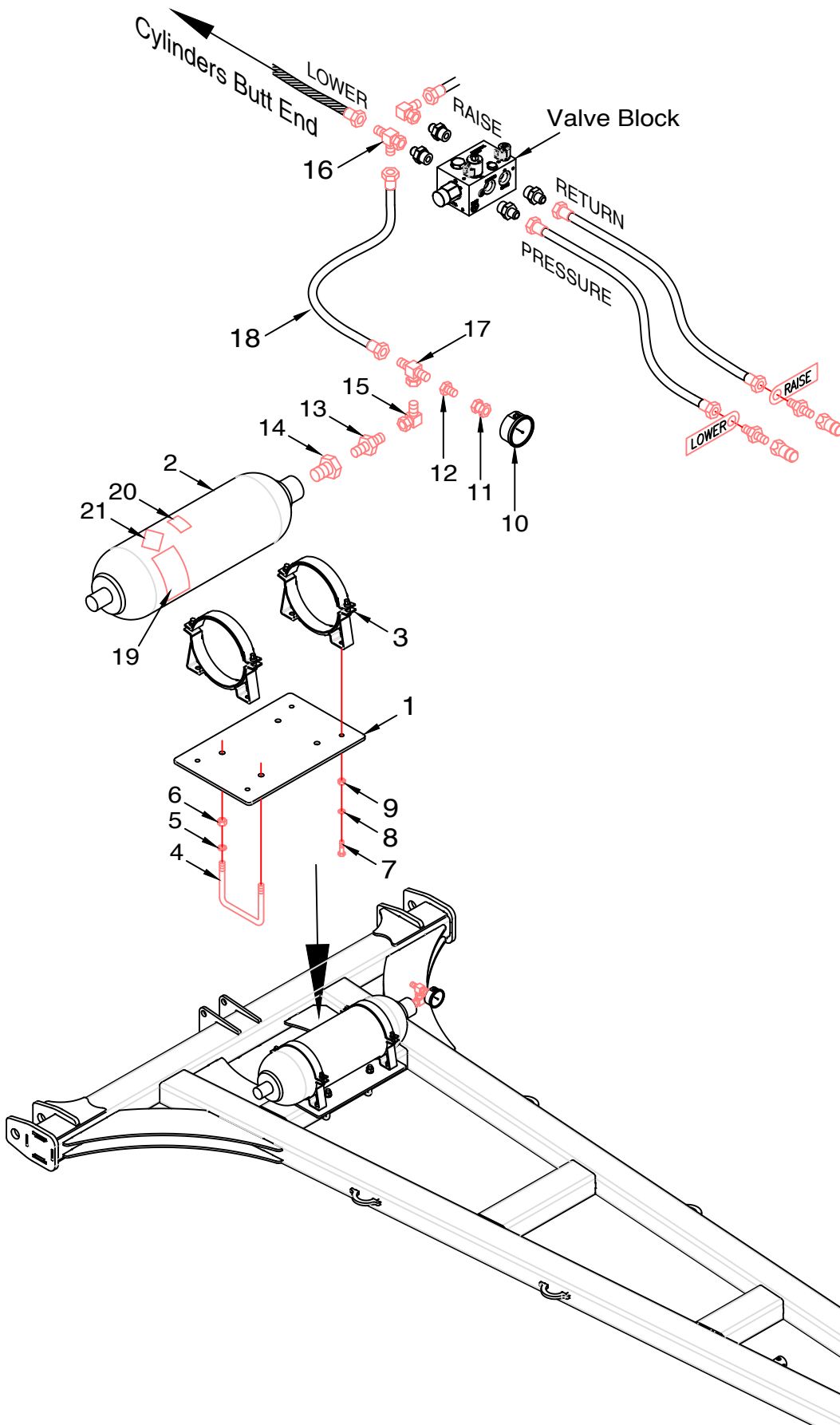
**Four Rank Hydraulic Option - 12 inch Spacing  
- 80 ft Model**



# Four Rank Hydraulic Option - 12 inch Spacing - 80 ft

| Item | Part No.      | Description                                                                              | Qty       |
|------|---------------|------------------------------------------------------------------------------------------|-----------|
| 1    | *****         | Cylinder - Row Unit.....                                                                 | 82        |
| 2    | C-4401        | Cross - (4) 7/8-14 MJIC .....                                                            | 6         |
| 3    | <b>F10384</b> | <b>Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....</b>                                        | <b>12</b> |
| 4    | C-4393        | Tee - 9/16-18 MJIC .....                                                                 | 164       |
| 5    | <b>C-4403</b> | <b>Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) -.....</b>                            | <b>14</b> |
| 6    | C15348        | Connector - 9/16-18 MJIC x 3/4-16 MORB.....                                              | 4         |
| 7    | S29967        | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC - (G73216-10) (G73218-16) .....                   | 30        |
| 8    | *****         |                                                                                          |           |
| 9    | K-5806        | 90 Elbow - 7/8-14 FJIC x 7/8-14 MJIC.....                                                | 2         |
| 10   | C24585        | 90 Elbow - 7/8-14 MJIC x 3/4-16 MORB.....                                                | 2         |
| 11   | C14840        | Connector - 7/8-14 MJIC x 3/4-16 MORB.....                                               | 2         |
| 12   | N47903        | Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....                                | 4         |
| 13   | S66243        | Hyd Hose - 1/4 x 22 Lg w/9/16-18 FJIC - Bleed-Off Valve .....                            | 4         |
| 14   | S66755        | Hyd Hose - 1/2 x 30 Lg - #10 7/8-14 FJIC Swivel Ends.....                                | 1         |
| 15   | S66758        | Hyd Hose - 1/2 x 34 Lg - #10 7/8-14 FJIC Swivel Ends.....                                | 4         |
| 16   | <b>S47973</b> | <b>Hyd Hose - 3/8 x 20 Lg - #6 9/16-18 FJIC .....</b>                                    | <b>6</b>  |
| 17   | S42969        | Hyd Hose - 3/8 x 36 Lg - #6 9/16-18 FJIC.....                                            | 104       |
| 18   | <b>S65670</b> | <b>Hyd Hose - 3/8 x 42 Lg - #6 9/16-18 FJIC .....</b>                                    | <b>10</b> |
| 19   | S44353        | Hyd Hose - 3/8 x 48 Lg - #6 9/16-18 FJIC - Outer Hinge Line.....                         | 8         |
| 20   | <b>S47799</b> | <b>Hyd Hose - 3/8 x 60 Lg w/ #6 9/16-18 FJIC Ends - Flip Wing Hinge Front Rank .....</b> | <b>4</b>  |
| 21   | S65397        | Hyd Hose - 3/8 x 80 Lg - 9/16-18 FJIC Ends.....                                          | 4         |
| 22   | S65398        | Hyd Hose - 3/8 x 150 Lg - #6 9/16-18 FJIC Ends.....                                      | 4         |
| 23   | S66245        | Hose Holder - Opener .....                                                               | 64        |
| 23A  | S67170        | Hose Holder - Opener - Low Profile.....                                                  | 14        |
| 24   | S68415        | Hose Holder Loop - Outer Hinge Line .....                                                | 4         |
| 25   | S65668        | Hyd Hose - 3/4 x 120 Lg - #10 7/8-14 FJIC Ends .....                                     | 2         |
| 26   | S58157        | Hyd Hose - 3/4 x 330 Lg - #10 7/8-14 FJIC Ends .....                                     | 2         |
| 27   | S68006        | Manifold - Opener Control .....                                                          | 1         |
| 28   | N42880        | Lock Valve - 2 Way Ball.....                                                             | 3         |
| 28A  | N42881        | Handle - Valve.....                                                                      | 1         |
| 29   | S65129        | Valve Mounting Plate .....                                                               | 1         |
| 30   | S66754        | Mount Plate - Ball Valve .....                                                           | 2         |
| 31   | S65157        | Decal ISO - Openers Lock.....                                                            | 1         |
| 32   | N34443        | Male Tip - 3/4-16 MORB .....                                                             | 2         |
| 33   | S29959        | Tag - Hose ID - Depth Control - LOWER .....                                              | 1         |
| 34   | S29958        | Tag - Hose ID - Depth Control - RAISE.....                                               | 1         |
| 35   | W-523         | Lockwasher - 3/8 ... (Valve Block) .....                                                 | 4         |
| 36   | W-475         | Hex Bolt - 3/8 x 1 Lg ....(Valve Block).....                                             | 4         |
| 37   | H25628        | U-Bolt - 1/2 x 6 x 9 3/8 Lg.....                                                         | 2         |
| 38   | N34319        | U-Bolt - 1/4 x 1 1/2 x 2.....                                                            | 4         |
| 39   | W-521         | Lockwasher - 1/4 .....                                                                   | 8         |
| 40   | W-512         | Hex Nut - 1/4.....                                                                       | 8         |
| 41   | W-525         | Lockwasher - 1/2 .....                                                                   | 4         |
| 42   | W-516         | Hex Nut - 1/2.....                                                                       | 4         |
| 43   | K62977        | Pressure Transducer.....                                                                 | 1         |
| 44   | N29358        | Connector - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener).....                  | 82        |
| 45   | N19578        | 45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB (1 per Opener) .....                  | 82        |
| 46   | S66243        | Hyd Hose - 1/4 x 22 Lg - #6 9/16-18 FJIC Ends (High Flex) (2 per Opener).....            | 164       |
| 47   | W-475         | Hex Bolt - 3/8 x 1 Lg - Outer Hinge Line.....                                            | 4         |
| 48   | D-5279        | Locknut - 3/8 Serrated - Outer Hinge Line .....                                          | 4         |
| 49   | S-711         | Hex Jam Nut - 1.....                                                                     | 2         |
| 50   | W-538         | Flatwasher - 7/16 ID x 1 OD x 14 GA ... (Valve Block) .....                              | 4         |
| 51   | D-4951        | Nylon Tie Strap - 3/16 x 7 1/2 Lg.....                                                   | 82        |
| 52   | <b>S73390</b> | <b>Hyd Hose - 1/2 x 52 Lg - #10 7/8-14 FJIC x #6 9/16-18 FJIC Swivel Ends .....</b>      | <b>2</b>  |
| 53   | <b>N53696</b> | <b>Hyd Hose - 3/8 x 66 Lg - 9/16-18 FJIC .....</b>                                       | <b>4</b>  |
| 54   | <b>S65407</b> | <b>Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC Ends .....</b>                                  | <b>20</b> |
| 55   | <b>S73391</b> | <b>Hyd Hose - 3/8 x 82 Lg - #6 9/16-18 FJIC Swivel Ends .....</b>                        | <b>4</b>  |
| 56   | S65408        | Hyd Hose - 3/8 x 96 Lg - #6 9/16-18 FJIC.....                                            | 4         |
| 57   | C-4698        | Oil Line Clamp.....                                                                      | 28        |
| 58   | W14501        | Carriage Bolt - 3/8 x 2 1/4 Lg.....                                                      | 14        |
| 59   | S27987        | Locknut - 3/8 Flanged Centre Lock.....                                                   | 14        |
| 60   | 11740         | Plastic Hose Clamp Assembly - 13/16 .....                                                | 3         |
| 61   | S66015        | Carriage Bolt - 5/16 X 3 Lg .....                                                        | 3         |
| 62   | C32925        | Locknut - 5/16 Center .....                                                              | 3         |

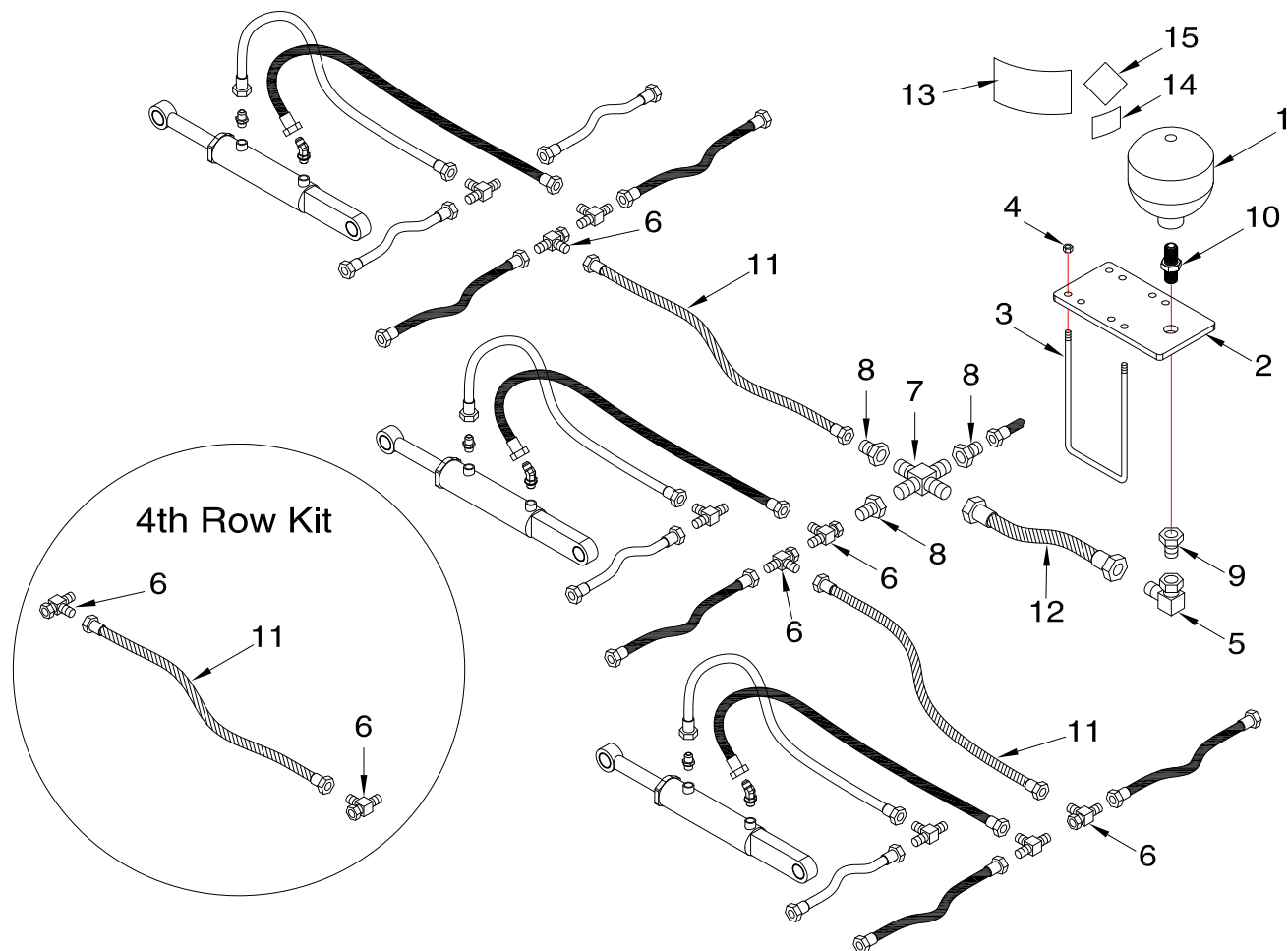
## Accumulator Hydraulic Option Option 1 - Single Large Accumulator



## Accumulator Hydraulic Option - Option 1

| Item | Part No. | Description                                                  | Qty |
|------|----------|--------------------------------------------------------------|-----|
| 1    | S68230   | Mount Plate - Accumulator.....                               | 1   |
| 2    | S47095   | Accumulator - 5 Gallon .....                                 | 1   |
| 3    | C42313   | Clamp - Accumulator .....                                    | 2   |
| 4    | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL .....                            | 2   |
| 5    | W-526    | Lockwasher - 5/8 .....                                       | 4   |
| 6    | W-517    | Hex Nut - 5/8.....                                           | 4   |
| 7    | W-485    | Hex Bolt - 1/2 x 1 1/4 Lg .....                              | 4   |
| 8    | W-525    | Lockwasher - 1/2 .....                                       | 4   |
| 9    | W-516    | Hex Nut - 1/2.....                                           | 4   |
| 10   | S48845   | Pressure Gauge - 2 1/2 DIA with 1/4 NPT .....                | 1   |
| 11   | S42998   | Connector - 1/4 FNPT x 9/16-18 FJIC .....                    | 1   |
| 12   | F10384   | Connector - 9/16-18 MJIC x 7/8-14 FJIC .....                 | 1   |
| 13   | C42312   | Connector - 7/8-14 MJIC x 1 5/16-14 MORB .....               | 1   |
| 14   | C42311   | Connector - 1 7/8-14 MORB x 1 5/16-14 FORB .....             | 1   |
| 15   | K-5806   | 90 Elbow - Swivel - 7/8-14 MJIC x 7/8-14 FJIC .....          | 1   |
| 16   | H18746   | Tee - Swivel - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC (MMF) ..... | 1   |
| 17   | F24559   | Tee - (1) 7/8-14 FJIC x (2) 7/8-14 MJIC (MFM) .....          | 1   |
| 18   | H-4410   | Hyd Hose - 1/2 x 96 Lg W/7/8-14 FJIC.....                    | 1   |
| 19   | C-4262   | Decal - Warning - Pressure Hazard .....                      | 1   |
| 20   | S44930   | Decal - Pre-Charged Dry Nitrogen.....                        | 1   |
| 21   | S44932   | Decal - Compressed Nitrogen - UN1066 .....                   | 1   |
|      | S68142   | Accumulator Kit - QUANTUM (Includes all items above)         |     |

## Accumulator Hydraulic Option Option 2 - Multiple Small Accumulators

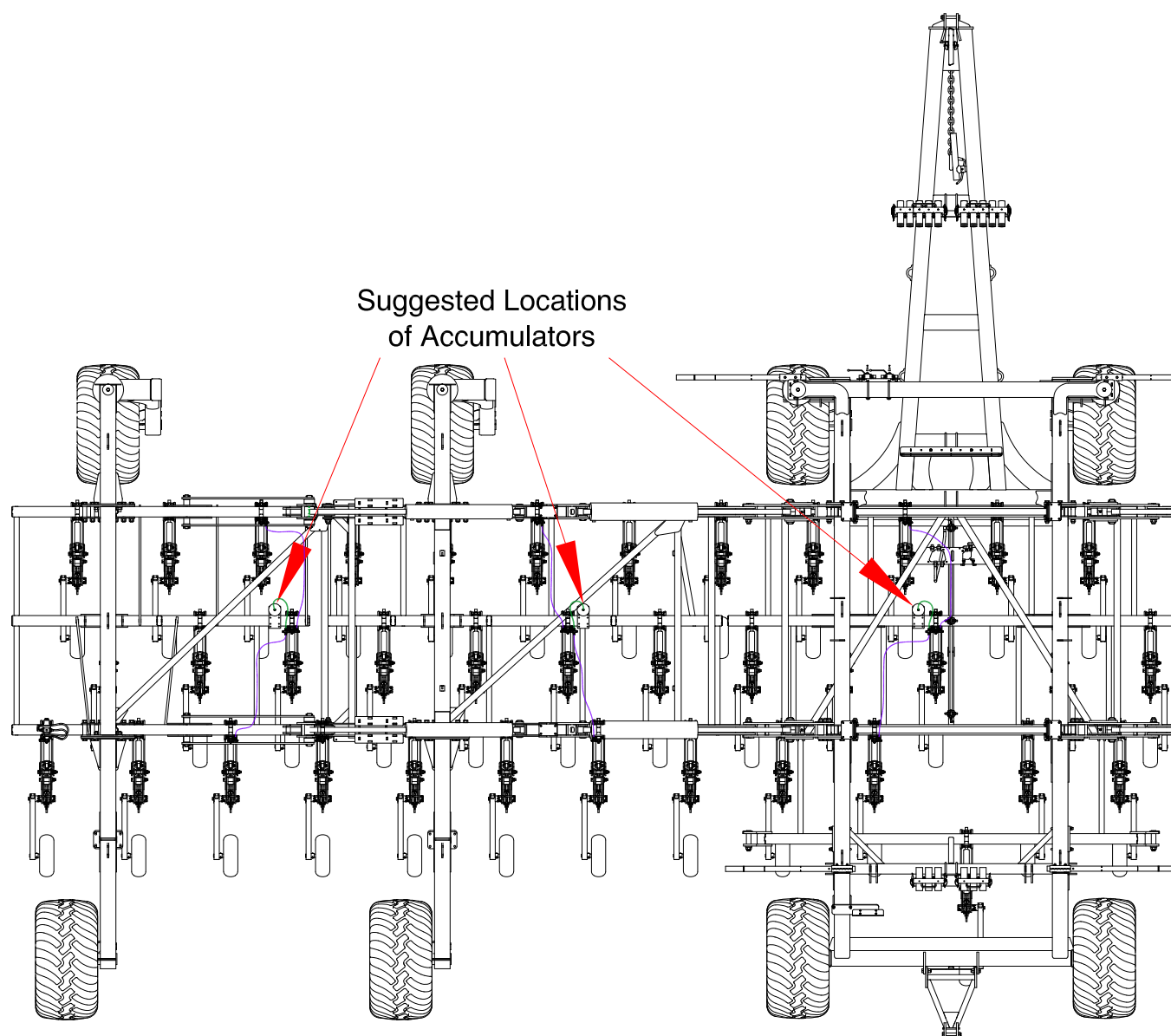


| Item | Part No. | Description                                                                            | Qty |
|------|----------|----------------------------------------------------------------------------------------|-----|
| 1    | S71729   | Accumulator - Small - Pre-Charged (North America) - Includes items 14, 15 and 16 ..... | 1   |
| 1A   | S71730   | Accumulator - Small - No Charge (Export)                                               |     |
| 2    | S69720   | Mount Plate - Accumulator.....                                                         | 1   |
| 3    | N19723   | U-Bolt - 3/8 x 4 x 7 UL .....                                                          | 2   |
| 4    | S27987   | Lock Nut - 3/8 Flanged Center.....                                                     | 4   |
| 5    | K-5806   | 90 Elbow - Swivel - 7/8-14 MJIC x 7/8-14 FJIC .....                                    | 1   |
| 6    | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....                                   | 4   |
| 7    | C-4401   | Cross - (4) 7/8-14 MJIC .....                                                          | 1   |
| 8    | F10384   | Connector - 9/16-18 MJIC x 7/8-14 FJIC .....                                           | 3   |
| 9    | C15839   | Connector - 7/8-14 (#10) MJIC x 3/4-16 (#08) FJIC .....                                | 1   |
| 10   | S71732   | Bulk Head Union - 3/4-16 (#08) MJIC x 3/4-16 (#08) MORB.....                           | 1   |
| 11   | S47799   | Hyd Hose - 3/8 x 60 Lg - 9/16-18 (#06) FJIC Ends .....                                 | 2   |
| 12   | C-4468   | Hyd Hose - 1/2 x 24 Lg W/7/8-14 FJIC.....                                              | 1   |
| 13   | C-4262   | Decal - Warning - Pressure Hazard .....                                                | 1   |
| 14   | S44930   | Decal - Pre-Charged Dry Nitrogen.....                                                  | 1   |
| 15   | S44932   | Decal - Compressed Nitrogen - UN1066 .....                                             | 1   |
|      | S69721   | Accumulator Kit - QUANTUM (Includes all items above except for 1A) (North America)     |     |
|      | S71731   | Accumulator Kit - QUANTUM (Includes all items above except for 1) (Export)             |     |
|      | S71733   | 4th Rank Kit - (Includes one of item 11 and two of item 6)                             |     |



## Accumulator Hydraulic Option - Option 2

60 ft shown





## Cylinder Seal Kits

Cylinders are supplied by multiple suppliers

- It is necessary to have the identifying stamp found by the port on the butt end of the cylinder.  
See Tech Bulletin 473 for details.

### Wing Lift Cylinders

C66871 Seal Kit - Cylinder C65366 - with stamp **S**

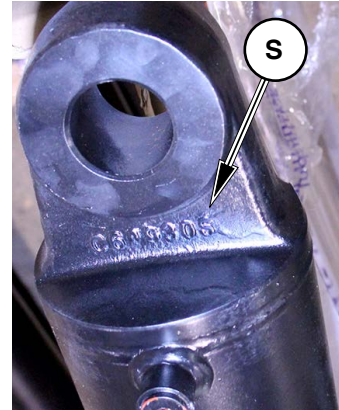
C66872 Seal Kit - Cylinder C64930 - with stamp **S**

C66873 Seal Kit - Cylinder C64920 - with stamp **S**

C60599 Seal Kit - Cylinder C65366 - with stamp **R**

C65379 Seal Kit - Cylinder C64930 - with stamp **R**

C65377 Seal Kit - Cylinder C64920 - with stamp **R**



### Opener Cylinders - Prior to 2022

**C71900** Seal Kit - Cylinder C64546 - with stamp **M**

C44461 Seal Kit - Cylinder C64546 - with stamp **R**

### Cast Opener Cylinders - 2022 to present

**C71900** Seal Kit - Cylinder C68272

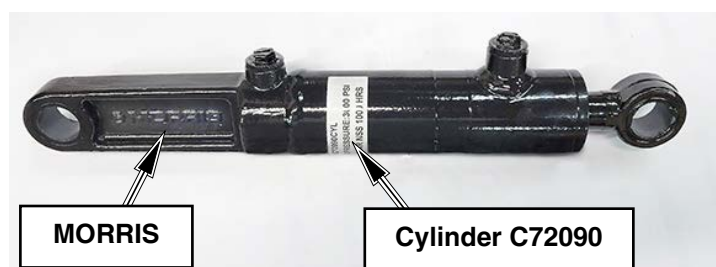
**C72720** Seal Kit - Cylinder C72090



Monarch - C64546



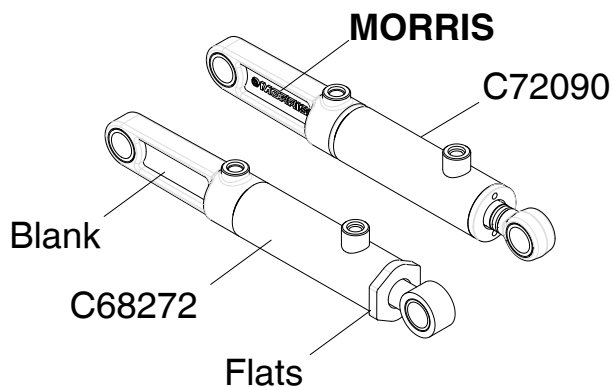
Cylinder C68272



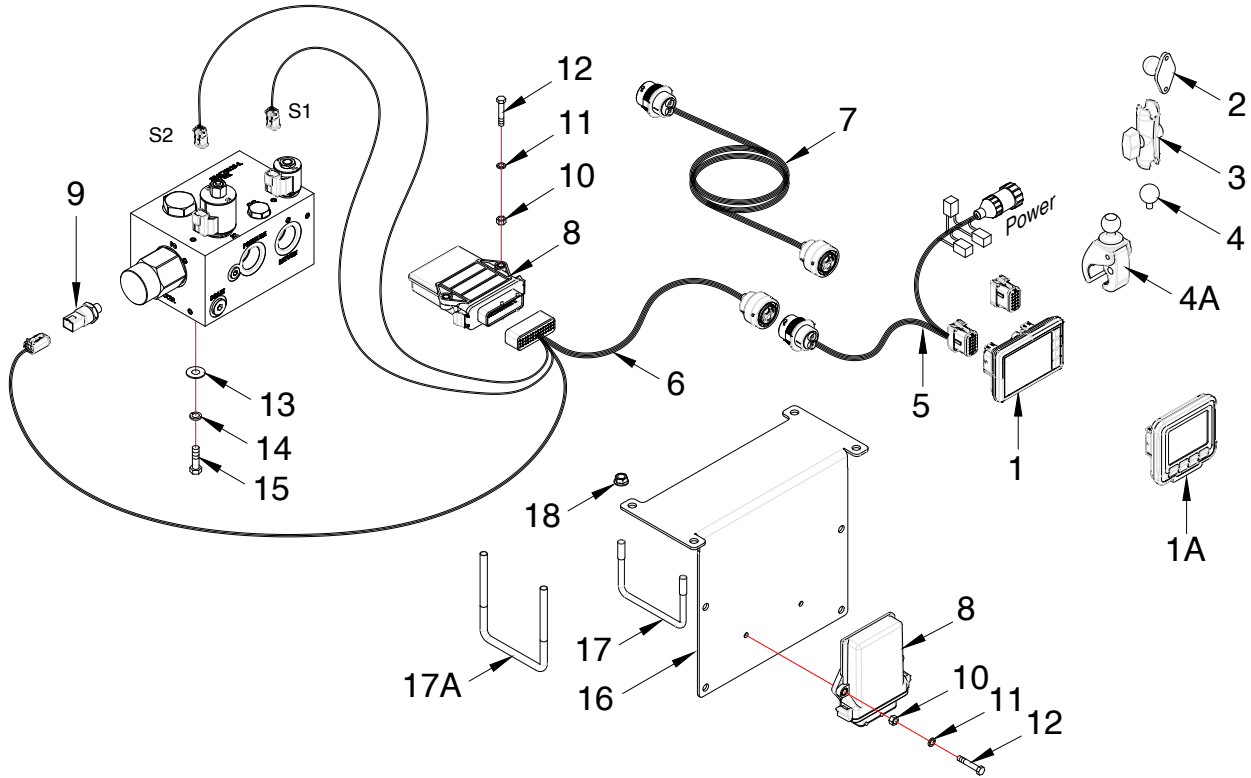
MORRIS

Cylinder C72090

### Opener Cylinder ID



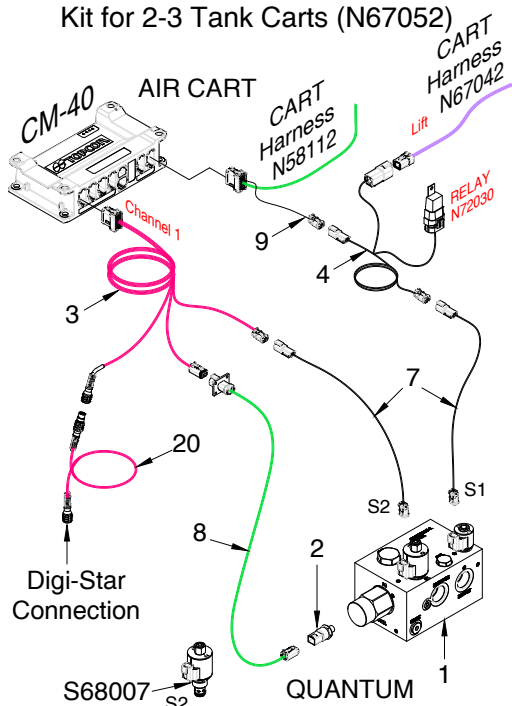
## Pressure Control JEM - Pressure Control System



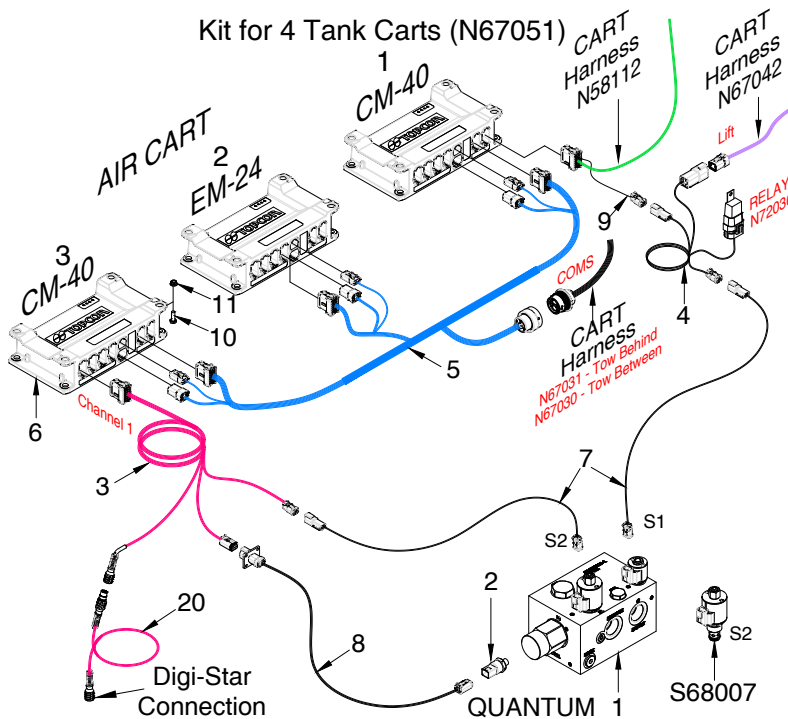
| Item | Part No. | Description                                                                   | Qty |
|------|----------|-------------------------------------------------------------------------------|-----|
| 1    | N72180   | CC Pilot Display Version 2 - 3 1/2 Full Color (New for July 2021) Shown ..... | 1   |
| 1A   | N65145   | CC Pilot Display - 3 1/2 Full Color (Prior to 2022).....                      | 1   |
| 2    | N45644   | Ram Mount - 1 7/16 x 1 5/16 .....                                             | 1   |
| 3    | N65147   | Ram Short Arm .....                                                           | 1   |
| 4    | N65148   | Ram Ball - 1 Diameter .....                                                   | 1   |
| 4A   | N65146   | Ram Claw Mount                                                                |     |
| 5    | N72541   | Harness - Tractor (1000545) (Replaces N65141) .....                           | 1   |
| 6    | N72542   | Harness - Implement (1000546) (Replaces N65142) .....                         | 1   |
| 7    | N72543   | Harness - Extension (Tow Between Carts) (1000626) (Replaces N65149) .....     | 1   |
| 8    | N65143   | ESX-10Xp ECU .....                                                            | 1   |
| 9    | K62977   | Pressure Transducer.....                                                      | 1   |
| 10   | W-512    | Hex Nut - 1/4.....                                                            | 2   |
| 11   | W-521    | Lockwasher - 1/4 .....                                                        | 2   |
| 12   | C-1471   | Hex Bolt - 1/4 x 1 3/4 Lg .....                                               | 2   |
| 13   | W-538    | Flatwasher - 7/16 ID x 1 OD x 14 GA .....                                     | 4   |
| 14   | W-523    | Lockwasher - 3/8 .....                                                        | 4   |
| 15   | W-475    | Hex Bolt - 3/8 x 1 Lg .....                                                   | 4   |
|      | N72181   | CC Pilot Display Kit - (Includes Items 1 to 4) (New for July 2021)            |     |
|      | N65140   | CC Pilot Display Kit - (Includes Items 1A to 4) (Prior to 2022)               |     |
|      |          | <b>ECU Relocation Mount Kit - Optional</b>                                    |     |
|      |          | Relocates ESX-10XP away from the valve block mounting it to front truss tube. |     |
| 16   | S73263   | Mount Plate .....                                                             | 1   |
| 17   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL .....                                             | 2   |
| 17A  | N15098   | U-Bolt - 3/8 x 4 x 5 UL .....                                                 | 2   |
| 18   | S27987   | Lock Nut - 3/8 Flanged .....                                                  | 4   |
|      | S73264   | Relocation Mount Kit - 40 ft to 70 ft (Includes Items 16, 17 and 18)          |     |
|      | S73265   | Relocation Mount Kit - 80 ft (Includes Items 16, 17A and 18)                  |     |

# Pressure Control 9 Series Apollo - Lift and Pressure Control Kit - Prior to 2022

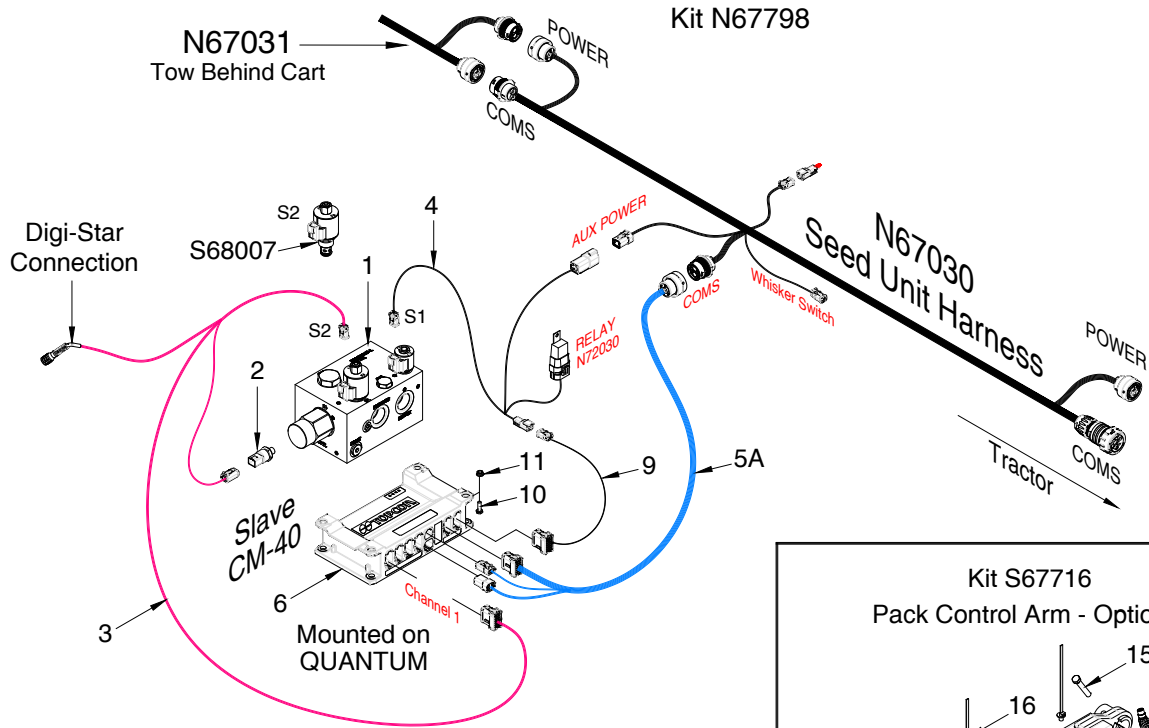
Kit for 2-3 Tank Carts (N67052)



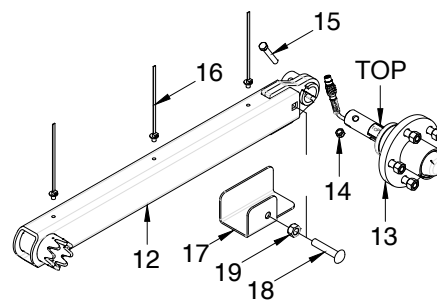
Kit for 4 Tank Carts (N67051)



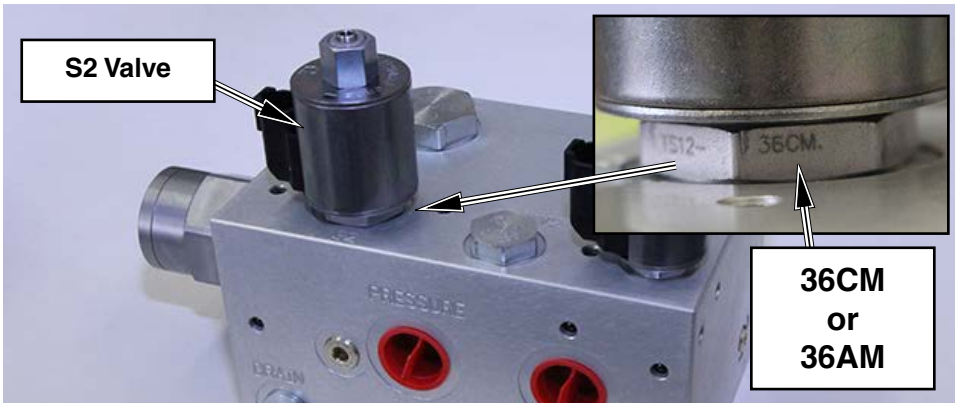
Kit N67798



Kit S67716  
Pack Control Arm - Optional



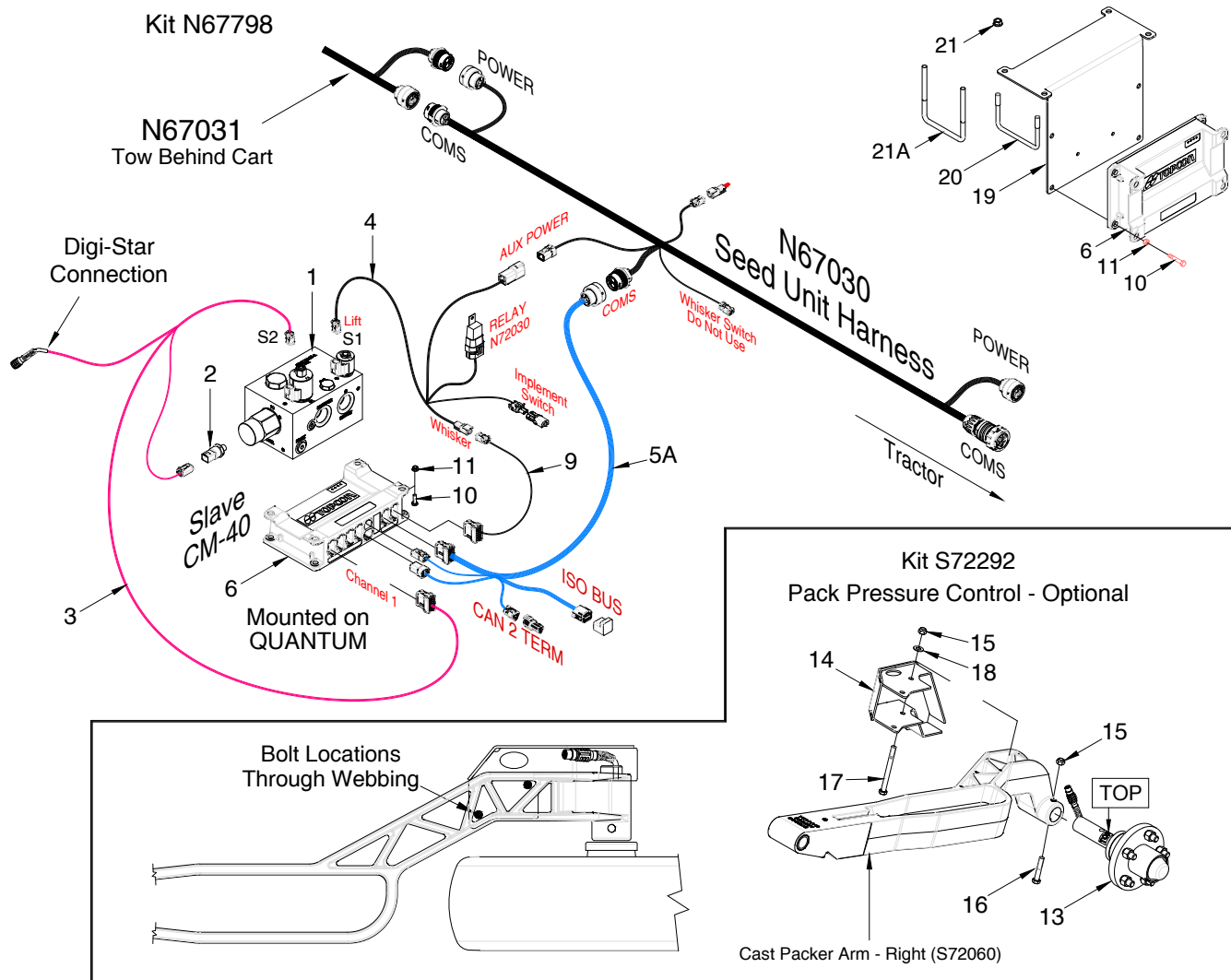
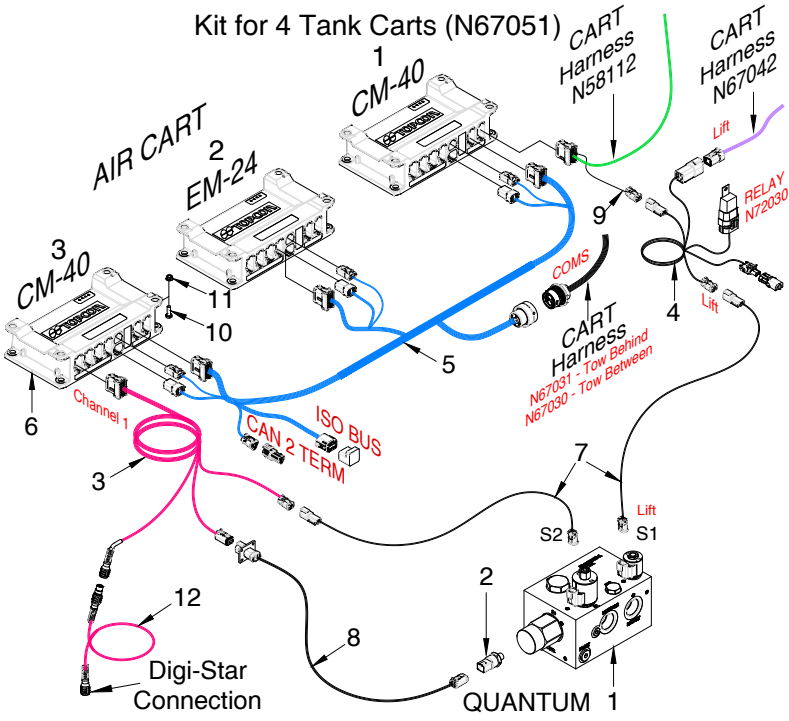
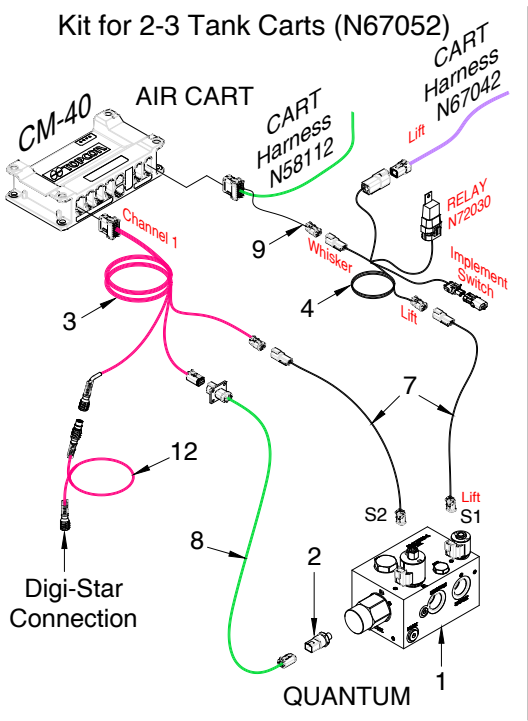
## 9 Series Apollo - Lift and Pressure Control Kit - Prior to 2022

| Item | Part No. | Description                                                                                                                                                                                | Qty |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | S64940   | Manifold - Opener Control (Requires S68007 see note below) .....                                                                                                                           | 1   |
|      | S68006   | Manifold - Opener Control - 2000 psi (Includes S68007) .....                                                                                                                               |     |
| 2    | K62977   | Pressure Transducer.....                                                                                                                                                                   | 1   |
| 3    | N67045   | Harness - Pack Control (1026291-01) .....                                                                                                                                                  | 1   |
| 4    | N67046   | Harness - Lift Control (1006258-01) . . . (N72030 - Relay - 12 Volt 20/40A) .....                                                                                                          | 1   |
| 5    | N67037   | Harness - Triplex ECU Adapter (1005038-01) .....                                                                                                                                           | 1   |
| 5A   | N67038   | Harness - Single ECU (1005036-01) .....                                                                                                                                                    | 1   |
| 5B   | N68000   | Harness Extension - 2m - (1028492-01) - Optional                                                                                                                                           |     |
| 6    | N68950   | Apollo Master Module ECU - CM-40 Series 2 - (1024223-01).....                                                                                                                              | 1   |
| 7    | N59010   | Harness Extension - Work Switch - 5m - (AGA4468).....                                                                                                                                      | 2   |
| 8    | N64671   | Pressure Transducer Extension Harness - 7m - (1024230-01) .....                                                                                                                            | 1   |
| 9    | N68001   | AUX Lift Lower Signal Adapter.....                                                                                                                                                         | 1   |
| 10   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg - Bolts ECU to plate under manifold .....                                                                                                                        | 4   |
| 11   | D-5279   | Locknut - 3/8 Serrated Flange .....                                                                                                                                                        | 4   |
|      | N67052   | Lift and Pressure Control Kit for 2-3 Tank Carts (Includes Items 3, 4, 7, 8, 9, 20)                                                                                                        |     |
|      | N67051   | Lift and Pressure Control Kit for 4 Tank Carts (Includes Items 3, 4, 5, 6, 7, 8, 9, 20)                                                                                                    |     |
|      | N67798   | Lift and Pressure Control Kit for 4 Tank Carts Tow Behind ONLY<br>(Includes Items 3, 4, 5A, 6, 9, 10,11)                                                                                   |     |
|      |          | <b>Pack Pressure Control Arm - Optional</b>                                                                                                                                                |     |
| 12   | S66267   | Packer Arm Steel - Digi-Star .....                                                                                                                                                         | 1   |
| 13   | S67715   | Axle Assembly - Digi-Star (Includes S66278 Spindle - Digi-Star) - Steel Arm ONLY .....                                                                                                     | 1   |
| 14   | M-3388   | Lock Nut - 3/8 Unitorque.....                                                                                                                                                              | 1   |
| 15   | W-479    | Hex Bolt - 3/8 x 2 1/4 Lg .....                                                                                                                                                            | 1   |
| 16   | S67885   | Zip Tie - Push Mount.....                                                                                                                                                                  | 3   |
| 17   | S69154   | Guard - Pack Master Cable .....                                                                                                                                                            | 1   |
| 18   | S47593   | Carriage Bolt - 1/2 x 3 1/2 Lg.....                                                                                                                                                        | 1   |
| 19   | F-3405   | Locknut - 1/2 Unitorque .....                                                                                                                                                              | 1   |
| 20   | N68002   | Extension Cable - Optional.....                                                                                                                                                            | 1   |
|      | S67716   | Pack Pressure Control Arm Assembly (Includes Items 12 to 19)                                                                                                                               |     |
|      | S71738   | Pack Control Stubble Guard Field Kit (Includes Items 17 to 19)                                                                                                                             |     |
|      |          | <b>Note: Refer to Technical Bulletin 499 - To operate the Pack Pressure Arm, Manifold S64940 requires the S2 valve must be replaced with S68007 Valve Cartridge - TS12-36CM - 2000 psi</b> |     |
|      |          |                                                                                                        |     |



## Pressure Control

### 9 Series Apollo - Lift and Pressure Control Kit - 2022 to Present



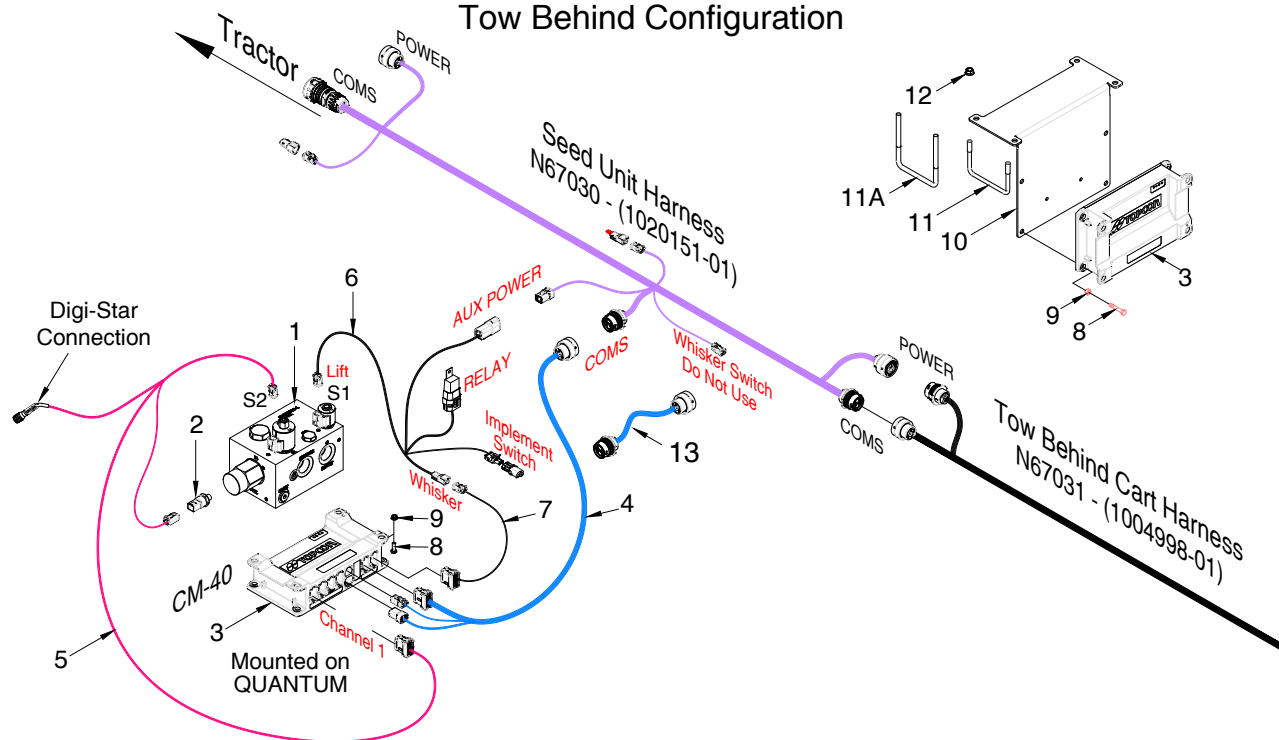
## 9 Series Apollo - Lift and Pressure Control Kit - 2022 to Present

| Item | Part No. | Description                                                                                              | Qty |
|------|----------|----------------------------------------------------------------------------------------------------------|-----|
| 1    | S68006   | Manifold - Opener Control - 2000 psi (Includes S68007) .....                                             |     |
| 2    | K62977   | Pressure Transducer.....                                                                                 | 1   |
| 3    | N67045   | Harness - Pack Control (1026291-01) .....                                                                | 1   |
| 4    | N67046   | Harness - Lift Control (1006258-01) . . . (N72030 - Relay - 12 Volt 20/40A) .....                        | 1   |
| 5    | N67037   | Harness - Triplex ECU Adapter (1005038-01) .....                                                         | 1   |
| 5A   | N67038   | Harness - Single ECU (1005036-01) .....                                                                  | 1   |
| 5B   | N68000   | Harness Extension - 2m - (1028492-01) - Optional                                                         |     |
| 6    | N68950   | Apollo Master Module ECU - CM-40 Series 2 - (1024223-01).....                                            | 1   |
| 7    | N59010   | Harness Extension - Work Switch - 5m - (AGA4468).....                                                    | 2   |
| 8    | N64671   | Pressure Transducer Extension Harness - 7m - (1024230-01) .....                                          | 1   |
| 9    | N68001   | AUX Lift Lower Signal Adapter.....                                                                       | 1   |
| 10   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg - Bolts ECU to plate under manifold .....                                      | 4   |
| 11   | D-5279   | Locknut - 3/8 Serrated Flange .....                                                                      | 4   |
| 12   | N68002   | Extension Cable - Pack Control .....                                                                     | 1   |
|      | N67052   | Lift and Pressure Control Kit for 2-3 Tank Carts (Includes Items 3, 4, 7, 8, 9, 12)                      |     |
|      | N67051   | Lift and Pressure Control Kit for 4 Tank Carts (Includes Items 3, 4, 5, 6, 7, 8, 9, 12)                  |     |
|      | N67798   | Lift and Pressure Control Kit for 4 Tank Carts Tow Behind ONLY<br>(Includes Items 3, 4, 5A, 6, 9, 10,11) |     |
|      |          | <b>Pack Pressure Control - Optional</b>                                                                  |     |
|      | S72292   | Pack Force Spindle and Guard Kit. (Includes Items 13 to 18)                                              |     |
| 13   | S72190   | Packer Hub Assembly (Includes S72200 Spindle - Digi-Star) - Cast Arm ONLY .....                          | 1   |
| 14   | S72094   | Guard -Pack Control - Cast Arm - Right.....                                                              | 1   |
| 15   | M-3388   | Lock Nut - 3/8 Unitorque.....                                                                            | 1   |
| 16   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg .....                                                                          | 1   |
| 17   | C-1550   | Hex Bolt - 3/8 x 4 Lg .....                                                                              | 4   |
| 18   | D-5489   | Washer - 13/32 ID x 13/16 OD x 16 GA .....                                                               | 4   |
|      |          | <b>ECU Relocation Mount Kit - Optional</b>                                                               |     |
|      |          | Relocates CM-40 away from the valve block mounting it to front truss tube.                               |     |
| 19   | S73263   | Mount Plate .....                                                                                        | 1   |
| 20   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL .....                                                                        | 2   |
| 20A  | N15098   | U-Bolt - 3/8 x 4 x 5 UL .....                                                                            | 2   |
| 21   | S27987   | Lock Nut - 3/8 Flanged .....                                                                             | 4   |
| 5B   | N68000   | Harness Extension - 2m - (1028492-01).....                                                               | 1   |
|      | S73264   | Relocation Mount Kit - 40 ft to 70 ft (Includes Items 5B, 19, 20 and 21)                                 |     |
|      | S73265   | Relocation Mount Kit - 80 ft (Includes Items 5B, 19, 20A and 21)                                         |     |

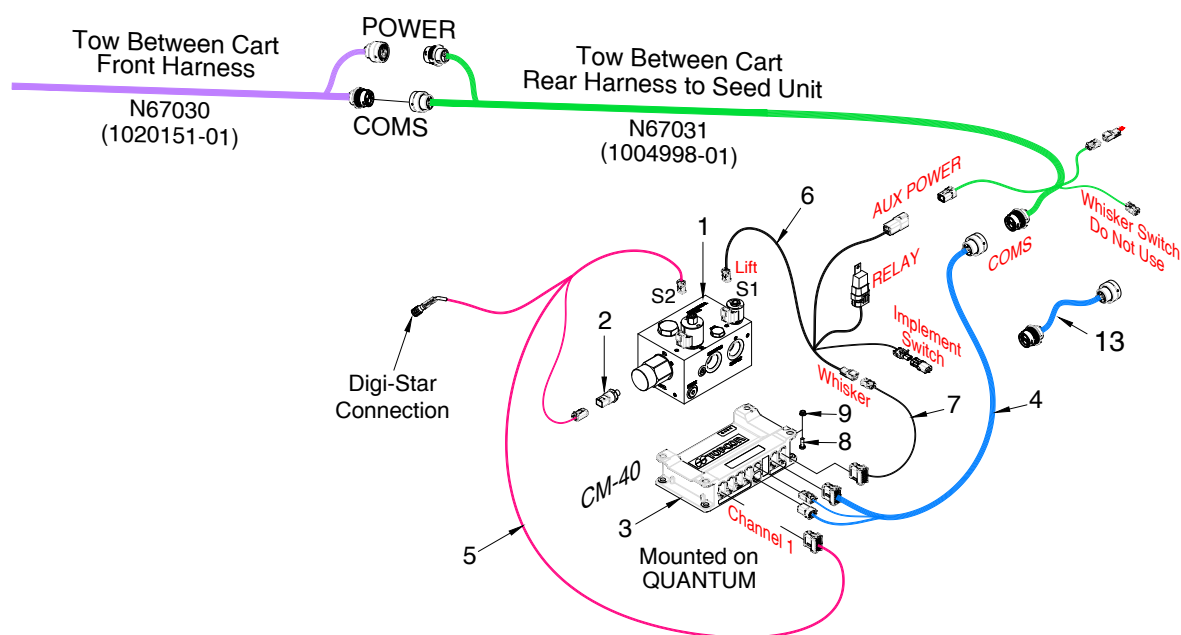
## Pressure Control

### 10 Series Apollo - Lift and Pressure Control Kit

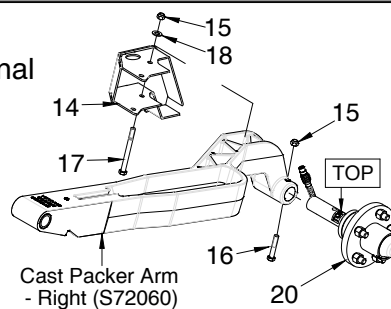
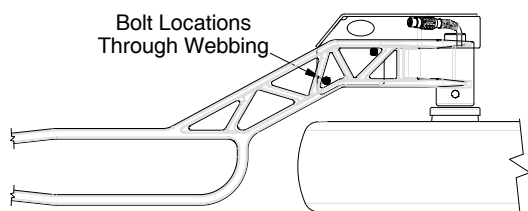
## Tow Behind Configuration



## Tow Between Configuration



Kit S72292  
Pack Pressure Control - Optional

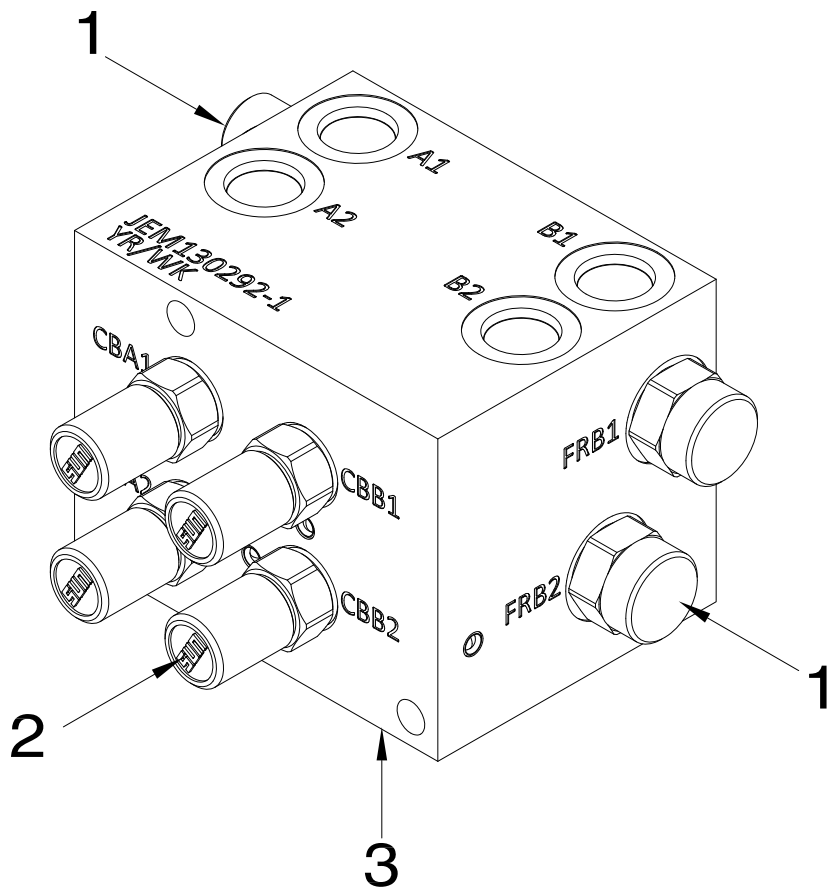




## 10 Series Apollo - Lift and Pressure Control Kit

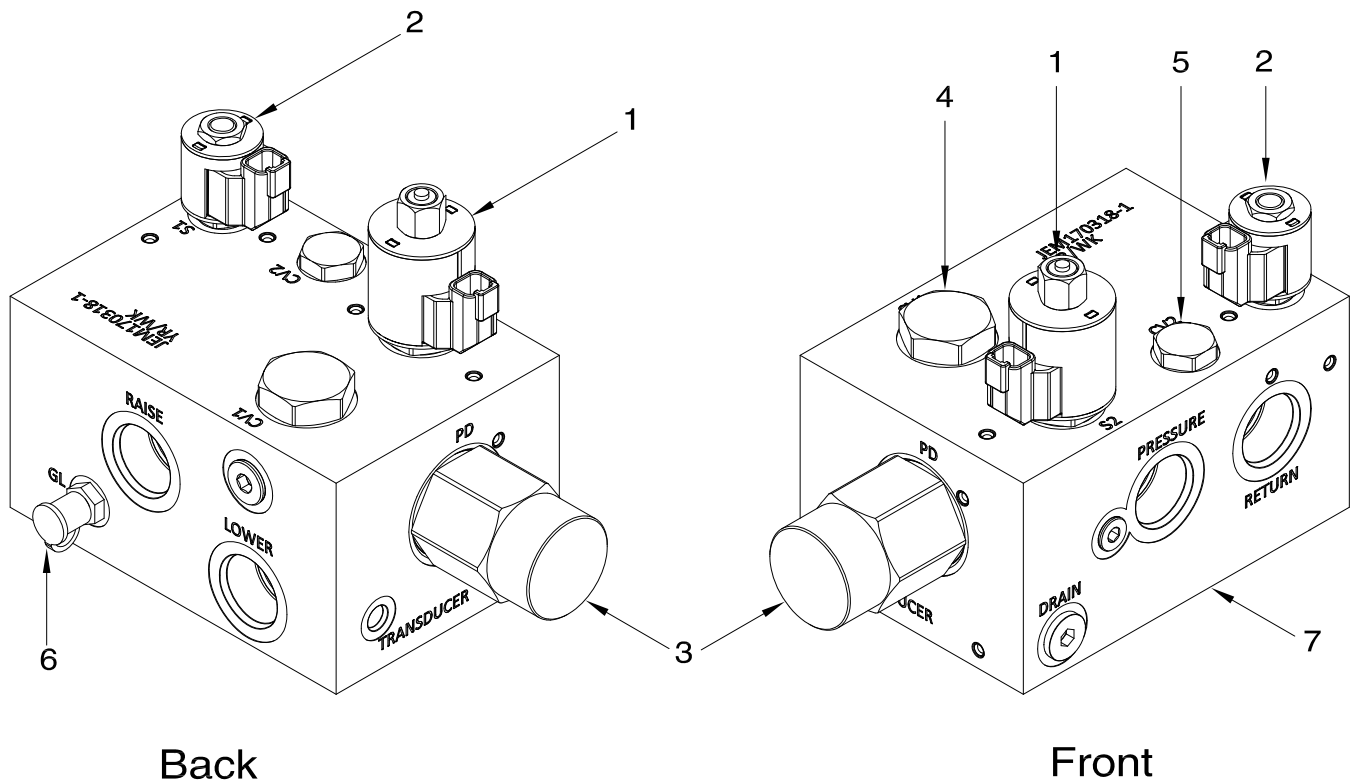
| Item | Part No. | Description                                                                       | Qty |
|------|----------|-----------------------------------------------------------------------------------|-----|
| 1    | S68006   | Manifold - Opener Control - 2000 psi (Includes S68007) .....                      | 1   |
| 2    | K62977   | Pressure Transducer.....                                                          | 1   |
| 3    | N74222   | Apollo Master Module ECU - CM-40 - E-Drive Version (1069705-01) .....             | 1   |
| 4    | N67046   | Harness - Lift Control (1006258-01) . . . (N72030 - Relay - 12 Volt 20/40A) ..... | 1   |
| 5    | N67045   | Harness - Pack Control (1026291-01) .....                                         | 1   |
| 6    | N67046   | Harness - Lift Control (1006258-01).....                                          | 1   |
| 7    | N68001   | AUX Lift Lower Signal Adapter.....                                                | 1   |
| 8    | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg - Bolts ECU to plate under manifold .....               | 4   |
| 9    | D-5279   | Locknut - 3/8 Serrated Flange .....                                               | 4   |
|      | N74270   | Lift and Pressure Control Kit (Includes Items 3, 4, 5, 6, and 7)                  |     |
|      |          | <b>ECU Relocation Mount Kit - Optional</b>                                        |     |
|      |          | Relocates CM-40 to front truss tube.                                              |     |
| 10   | S73263   | Mount Plate .....                                                                 | 1   |
| 11   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL .....                                                 | 2   |
| 11A  | N15098   | U-Bolt - 3/8 x 4 x 5 UL .....                                                     | 2   |
| 12   | S27987   | Lock Nut - 3/8 Flanged .....                                                      | 4   |
| 13   | N68000   | Harness Extension - 2m - (1028492-01) .....                                       | 1   |
|      | S73264   | Relocation Mount Kit - 40 ft to 70 ft (Includes Items 10, 11 and 13)              |     |
|      | S73265   | Relocation Mount Kit - 80 ft (Includes Items 10, 11A and 13)                      |     |
|      |          | <b>Pack Pressure Control - Option</b>                                             |     |
|      | S72292   | Pack Force Spindle and Guard Kit. (Includes ALL Items below) - 2022 to Present    |     |
| 14   | S72094   | Guard -Pack Control - Cast Arm - Right.....                                       | 1   |
| 15   | M-3388   | Lock Nut - 3/8 Unitorque.....                                                     | 3   |
| 16   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg .....                                                   | 1   |
| 17   | C-1550   | Hex Bolt - 3/8 x 4 Lg .....                                                       | 2   |
| 18   | D-5489   | Washer - 13/32 ID x 13/16 OD x 16 GA .....                                        | 2   |
| 19   | D-4838   | Nylon Tie Strap - 3/16 x 7 1/2 Lg.....                                            | 2   |
| 20   | S72190   | Packer Hub Assembly (Includes S72200 Spindle - Digi-Star) .....                   | 1   |

# Hydraulic Cylinders Wing Lift Valve Block



| Item | Part No. | Description                                                 | Qty |
|------|----------|-------------------------------------------------------------|-----|
| 1    | C53847   | Pressure Compensated Flow Control Cartridge - 5 gpm .....   | 4   |
| 2    | C53848   | Counterbalance Cartridge - 2700 psi .....                   | 4   |
| 3    | C53849   | Counterbalance Winglift Manifold (Includes All Above Items) |     |

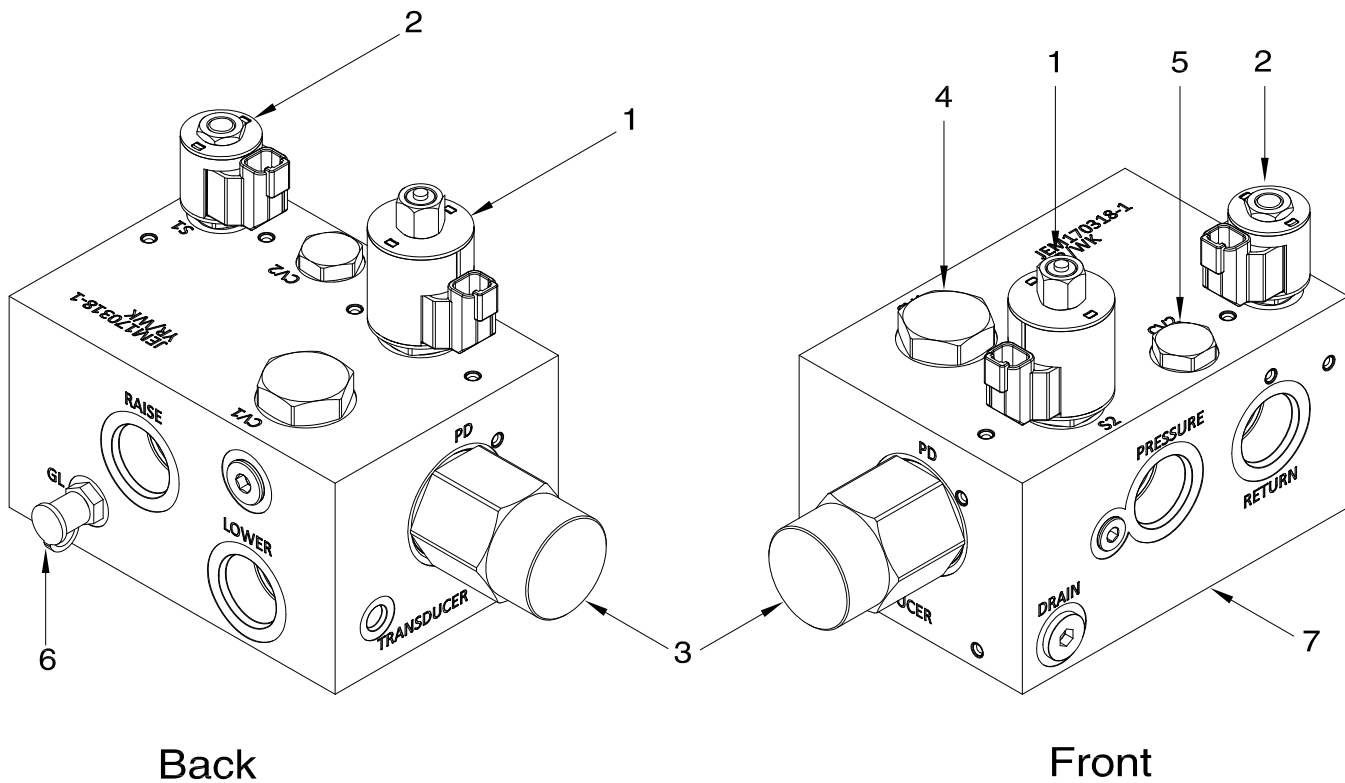
## Opener Valve Block 2018-2019



**Note: To operate the Pack Pressure Arm, the S2 valve must be replaced with  
S68007 Valve Cartridge - TS12-36CM - 2000 psi**

| Item | Part No. | Description                                                       | Qty |
|------|----------|-------------------------------------------------------------------|-----|
| 1    | S67316   | Pressure Reducing/Relieving Proportional Valve - 3000 psi.....    | 1   |
| 2    | S67317   | Solenoid Valve (Includes Coil S69044) .....                       | 1   |
| 3    | S67318   | Pilot 4-Way. Valve.....                                           | 1   |
| 4    | S67319   | Check Valve - 5 psi .....                                         | 1   |
| 5    | S67320   | Check Valve - 2 psi .....                                         | 1   |
| 6    | N64583   | Coupler - Test Port - 7/16-20 (#4) MORB .....                     | 1   |
| 7    | S64940   | Manifold - Opener Control - 3000 psi (Includes above Items) ..... | 1   |

# Opener Valve Block 2020 to present



| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | S68008   | Valve with Solenoid - Pressure Reducing/Relieving Proportional Valve - 2000 psi..... | 1   |
|      | S68007   | Valve ONLY - Pressure Reducing/Relieving Proportional Valve - TS12-36CM - 2000 psi   |     |
| 2    | S67317   | Solenoid Valve .....                                                                 | 1   |
| 3    | S67318   | Pilot 4-Way. Valve.....                                                              | 1   |
| 4    | S67319   | Check Valve - 5 psi .....                                                            | 1   |
| 5    | S67320   | Check Valve - 2 psi .....                                                            | 1   |
| 6    | N64583   | Coupler - Test Port - 7/16-20 (#4) MORB .....                                        | 1   |
| 7    | S68006   | Manifold - Opener Control - 2000 psi(Includes above Items) .....                     | 1   |

# Section 5: Distribution

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| 50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing .....           | 5-18 |
| 60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing ..... | 5-20 |
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| 50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing .....                        | 5-48 |
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| 60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing ..... | 5-52 |
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| 50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing .....                        | 5-60 |

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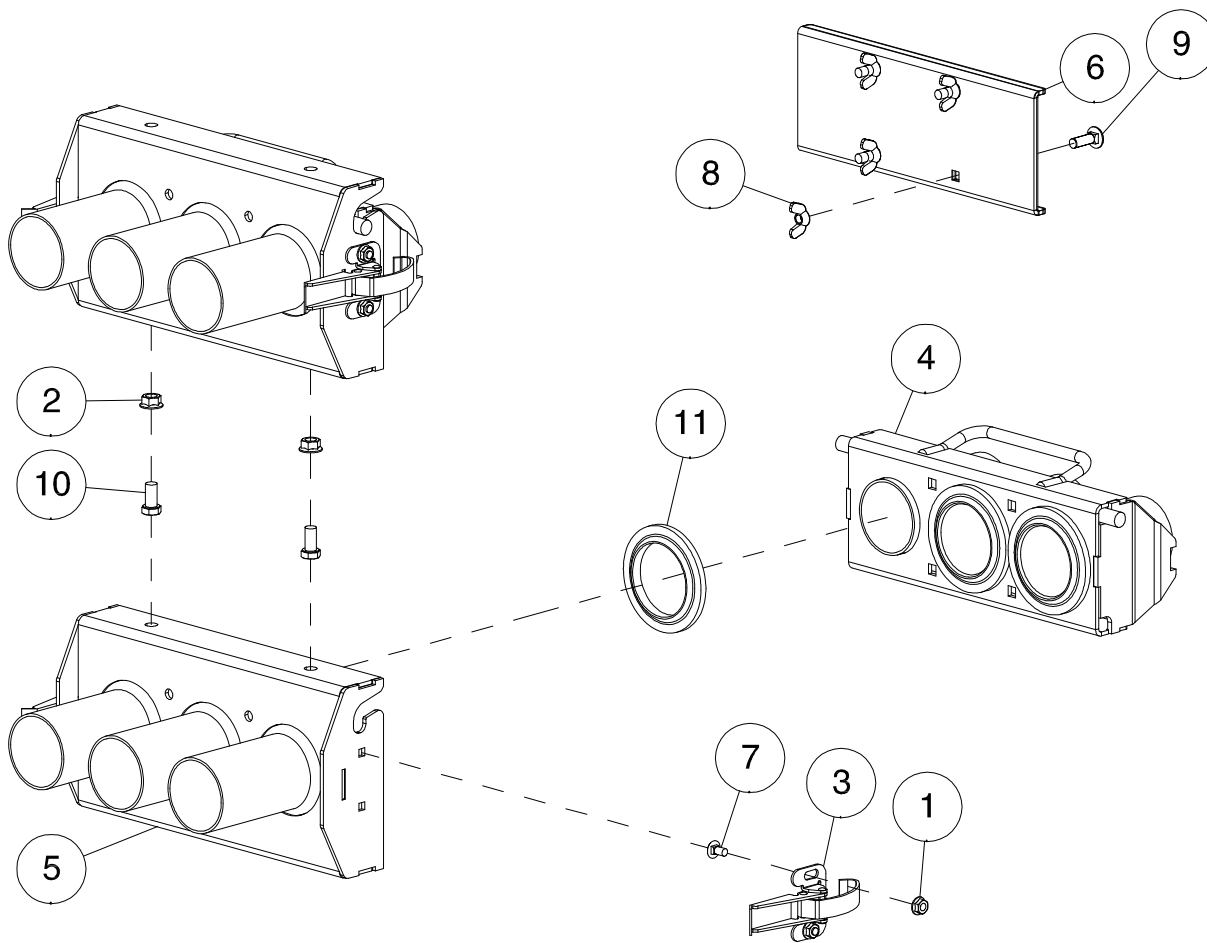
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|                                                                                  |       |
|----------------------------------------------------------------------------------|-------|
| 50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing .....           | 5-62  |
| 60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing ..... | 5-64  |
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| 40 ft - 12m - 5 primaries - 12 and 15 inch (300 - 380mm) Spacing .....           | 5-68  |
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| 50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing .....                        | 5-72  |
| 50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing .....           | 5-74  |
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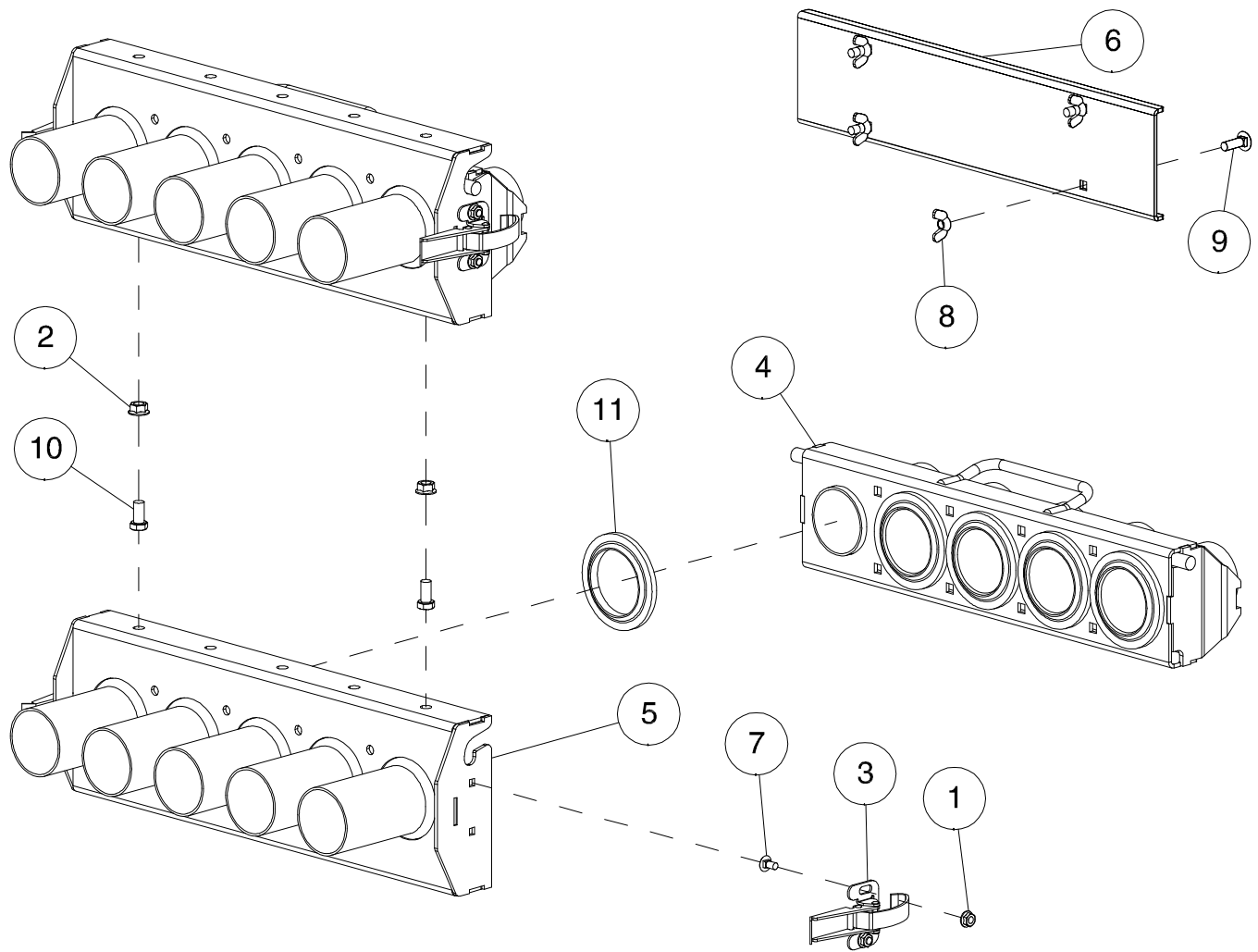


## Quick Coupler 3 Outlet



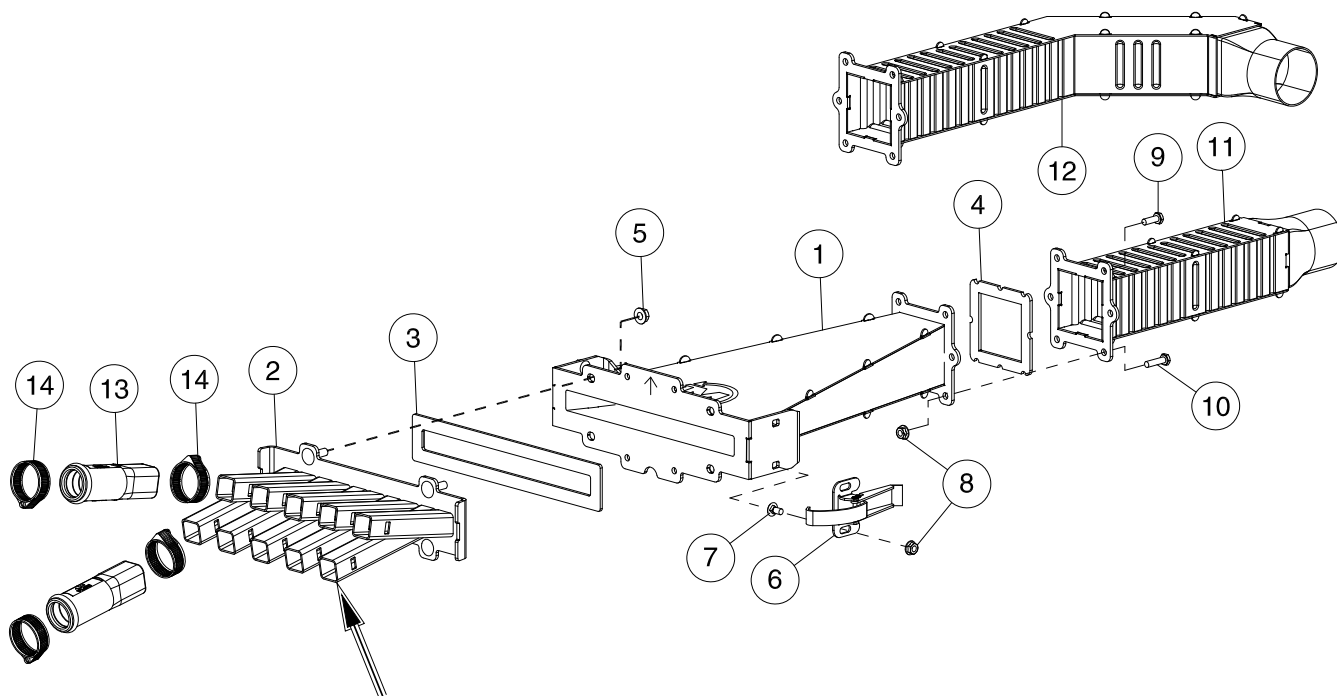
| Item | Part No. | Description                                           | Qty   |
|------|----------|-------------------------------------------------------|-------|
| 1    | D-5277   | Flange Lock Nut - 1/4 Serrated .....                  | 8     |
| 2    | D-5279   | Flange Lock Nut - 3/8 Serrated .....                  | 2     |
| 3    | N42213   | Latch .....                                           | 4     |
| 4    | N51983   | Quick Coupler - 3 Run - Cart - Contains Item 11 ..... | 2     |
| 5    | N53200   | Quick Coupler - 3 Run - Drill .....                   | 2     |
| 6    | N53207   | Cover Plate - 3 Run.....                              | 2     |
| 7    | N53215   | Carriage Bolt - 1/4 x 1/2 Lg .....                    | 8     |
| 8    | N31016   | Wing Nut - 5/16 .....                                 | 8     |
| 9    | S33420   | Carriage Bolt - 5/16 x 1 Lg .....                     | 8     |
| 10   | W-867    | Hex Bolt - 3/8 x 3/4 Lg.....                          | 2     |
| 11   | N40735   | Washer Seal.....                                      | 6     |
|      | N16170   | Clear Silicon 305ml - used to assemble 11 to 4 .....  | AsReq |

## Quick Coupler 5 Outlet



| Item | Part No. | Description                                           | Qty   |
|------|----------|-------------------------------------------------------|-------|
| 1    | D-5277   | Flange Lock Nut - 1/4 Serrated .....                  | 8     |
| 2    | D-5279   | Flange Lock Nut - 3/8 Serrated .....                  | 2     |
| 3    | N42213   | Latch .....                                           | 4     |
| 4    | N51955   | Quick Coupler - 5 Run - Cart - Contains Item 11 ..... | 2     |
| 5    | N51960   | Quick Coupler - 5 Run - Drill .....                   | 2     |
| 6    | N53209   | Cover Plate - 5 Run.....                              | 2     |
| 7    | N53215   | Carriage Bolt - 1/4 x 1/2 Lg .....                    | 8     |
| 8    | N31016   | Wing Nut - 5/16 .....                                 | 8     |
| 9    | S33420   | Carriage Bolt - 5/16 x 1 Lg .....                     | 8     |
| 10   | W-867    | Hex Bolt - 3/8 x 3/4 Lg.....                          | 2     |
| 11   | N40735   | Washer Seal.....                                      | 6     |
|      | N16170   | Clear Silicon 305ml - used to assemble 11 to 4 .....  | AsReq |

## Divider Head Assembly Regular 1 inch Square Fingers



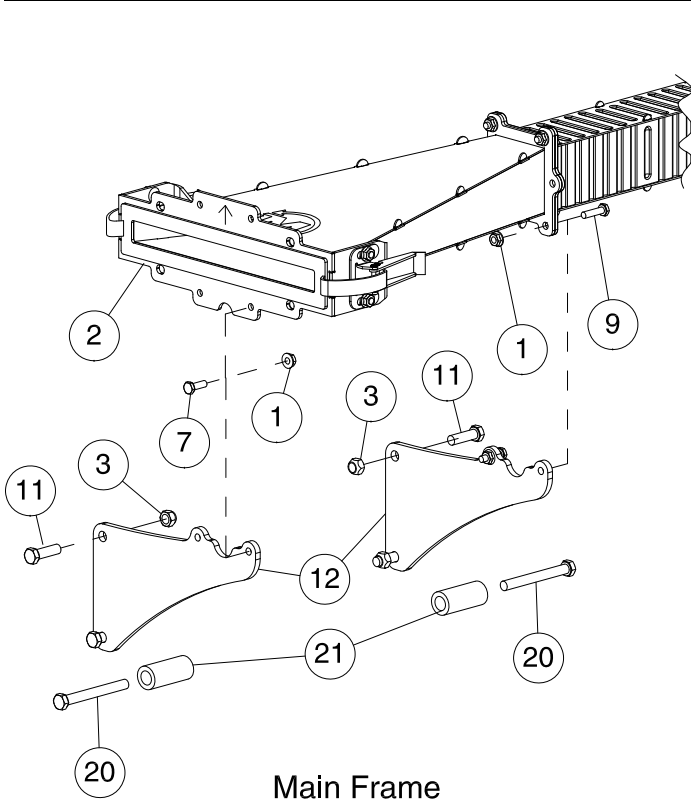
**Note: Assemble with long fingers to bottom.**

| Item                             | Part No.      | Description                                                                 | Qty |
|----------------------------------|---------------|-----------------------------------------------------------------------------|-----|
| <b>SIX OUTLET DIVIDER HEAD</b>   |               |                                                                             |     |
| 1                                | N72163        | 6 Outlet Divider Head - Main Body (N66556) .....                            | 1   |
| 2                                | N66516        | 6 Outlet Flange - 1 inch Square Fingers .....                               | 1   |
| 3                                | N66176        | Seal - 6 Outlet .....                                                       | 1   |
| 4                                | N66175        | Diffuser Seal .....                                                         | 1   |
| 5                                | D-5278        | Flange Lock Nut - 5/16.....                                                 | 4   |
| 6                                | N42213        | Over-Center Catch .....                                                     | 2   |
| 7                                | N53215        | Carriage Bolt - 1/4 x 1/2 Lg .....                                          | 4   |
| 8                                | D-5277        | Flange Lock Nut - 1/4 Serrated .....                                        | 4   |
|                                  | <b>N66506</b> | <b>6 Outlet Divider Head Assembly (Includes All Above Items)</b>            |     |
| 13                               | N65131        | Adapter Secondary Hose - Fits Hose .929 ID x 1.169 OD - Prior to 2023 ..... | 6   |
|                                  | <b>N72996</b> | <b>Adapter Secondary Hose - Fits Hose 1 ID x1.25 OD - 2023 to Present</b>   |     |
| 14                               | N11470        | Hose Clamp .....                                                            | 12  |
| <b>SEVEN OUTLET DIVIDER HEAD</b> |               |                                                                             |     |
| 1                                | N72166        | 7 Outlet Divider Head - Main Body (N66557) .....                            | 1   |
| 2                                | N66517        | 7 Outlet Flange .....                                                       | 1   |
| 3                                | N66177        | Seal - 7 Outlet .....                                                       | 1   |
| 4                                | N66175        | Diffuser Seal .....                                                         | 1   |
| 5                                | D-5278        | Flange Lock Nut - 5/16.....                                                 | 4   |
| 3                                | N42213        | Over-Center Catch .....                                                     | 2   |
| 4                                | N53215        | Carriage Bolt - 1/4 x 1/2 Lg .....                                          | 4   |
| 6                                | D-5277        | Flange Lock Nut - 1/4 Serrated .....                                        | 4   |
|                                  | <b>N66507</b> | <b>Divider Head Assembly - 7 Outlet (Includes All Above Items)</b>          |     |
| 13                               | N65131        | Adapter Secondary Hose - Fits Hose .929 ID x 1.169 OD - Prior to 2023 ..... | 7   |
|                                  | <b>N72996</b> | <b>Adapter Secondary Hose - Fits Hose 1 ID x1.25 OD - 2023 to Present</b>   |     |
| 14                               | N11470        | Hose Clamp .....                                                            | 14  |

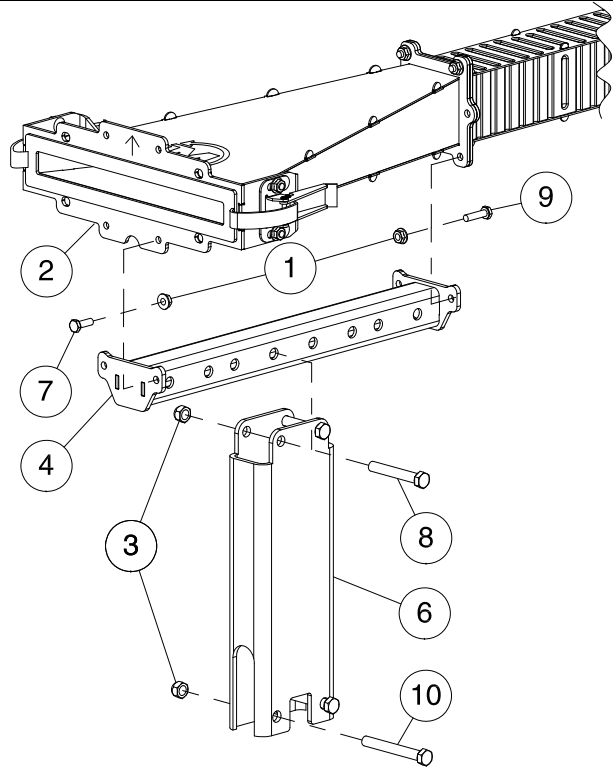
## Distribution - Quantum - Regular

| Item | Part No.      | Description                                                                 | Qty      |
|------|---------------|-----------------------------------------------------------------------------|----------|
|      |               | <b>EIGHT OUTLET DIVIDER HEAD</b>                                            |          |
| 1    | N72160        | 8 Outlet Divider Head - Main Body (N66558) .....                            | 1        |
| 2    | N66518        | 8 Outlet Flange - 1 inch Square Fingers .....                               | 1        |
| 3    | N66178        | Seal - 8 Outlet .....                                                       | 1        |
| 4    | N66175        | Diffuser Seal .....                                                         | 1        |
| 5    | D-5278        | Flange Lock Nut - 5/16.....                                                 | 4        |
| 6    | N42213        | Over-Center Catch .....                                                     | 2        |
| 7    | N53215        | Carriage Bolt - 1/4 x 1/2 Lg .....                                          | 4        |
| 8    | D-5277        | Flange Lock Nut - 1/4 Serrated .....                                        | 4        |
|      | <b>N66508</b> | <b>Divider Head Assembly - 8 Outlet (Includes All Above Items)</b>          |          |
| 13   | N65131        | Adapter Secondary Hose - Fits Hose .929 ID x 1.169 OD - Prior to 2023 ..... | 8        |
|      | <b>N72996</b> | <b>Adapter Secondary Hose - Fits Hose 1 ID x1.25 OD - 2023 to Present</b>   |          |
| 14   | N11470        | Hose Clamp .....                                                            | 16       |
|      |               | <b>NINE OUTLET DIVIDER HEAD</b>                                             |          |
| 1    | N72169        | 9 Outlet Divider Head - Main Body (N66559) .....                            | 1        |
| 2    | N66519        | 9 Outlet Flange - 1 inch Square Fingers .....                               | 1        |
| 3    | N66179        | Seal - 9 Outlet .....                                                       | 1        |
| 4    | N66175        | Diffuser Seal .....                                                         | 1        |
| 5    | D-5278        | Flange Lock Nut - 5/16.....                                                 | 4        |
| 6    | N42213        | Over-Center Catch .....                                                     | 2        |
| 7    | N53215        | Carriage Bolt - 1/4 x 1/2 Lg .....                                          | 4        |
| 8    | D-5277        | Flange Lock Nut - 1/4 Serrated .....                                        | 4        |
|      | <b>N66509</b> | <b>Divider Head Assembly - 9 Outlet (Includes All Above Items)</b>          |          |
| 13   | N65131        | Adapter Secondary Hose - Fits Hose .929 ID x 1.169 OD - Prior to 2023 ..... | 9        |
|      | <b>N72996</b> | <b>Adapter Secondary Hose - Fits Hose 1 ID x1.25 OD - 2023 to Present</b>   |          |
| 14   | N11470        | Hose Clamp .....                                                            | 18       |
|      |               | <b>TEN OUTLET DIVIDER HEAD</b>                                              |          |
| 1    | N72172        | 10 Outlet Divider Head - Main Body (N66560).....                            | 1        |
| 2    | N66520        | 10 Outlet Flange - 1 inch Square Fingers .....                              | 1        |
| 3    | N66180        | Seal - 10 Outlet (Not Shown) .....                                          | 1        |
| 4    | N66175        | Diffuser Seal .....                                                         | 1        |
| 5    | D-5278        | Flange Lock Nut - 5/16.....                                                 | 4        |
| 6    | N42213        | Over-Center Catch .....                                                     | 2        |
| 7    | N53215        | Carriage Bolt - 1/4 x 1/2 Lg .....                                          | 4        |
| 8    | D-5277        | Flange Lock Nut - 1/4 Serrated .....                                        | 4        |
|      | <b>N66510</b> | <b>Divider Head Assembly - 10 Outlet (Includes All Above Items)</b>         |          |
| 13   | N65131        | Adapter Secondary Hose - Fits Hose .929 ID x 1.169 OD - Prior to 2023 ..... | 10       |
|      | <b>N72996</b> | <b>Adapter Secondary Hose - Fits Hose 1 ID x1.25 OD - 2023 to Present</b>   |          |
| 14   | N11470        | Hose Clamp - HC5-20 - 20mm Diameter.....                                    | 20       |
|      |               | <b>DIFFUSER PIPE</b>                                                        |          |
| 8    | D-5277        | Flange Lock Nut - 1/4 Serrated .....                                        | 4        |
| 9    | W-469         | Hex Head - 1/4 x 3/4 Lg .....                                               | 2        |
| 10   | W-1552        | Hex Bolt - 1/4 x 1 Lg.....                                                  | 2        |
| 11   | N66662        | Diffuser - Straight - 2 1/12 outlet (Prior to April 2021)                   |          |
|      | <b>N66663</b> | <b>Diffuser - Straight - 3 outlet (April 2021) .....</b>                    | <b>1</b> |
| 12   | N66672        | Diffuser - 90 Deg Elbow - 2 1/12 outlet (Prior to April 2021)               |          |
|      | <b>N66673</b> | <b>Diffuser - 90 Deg Elbow - 3 outlet (April 2021).....</b>                 | <b>1</b> |
| 15   | R480034       | Secondary Hose - .929 ID x 1.169 OD/ft (75 ft roll) Not Shown               |          |

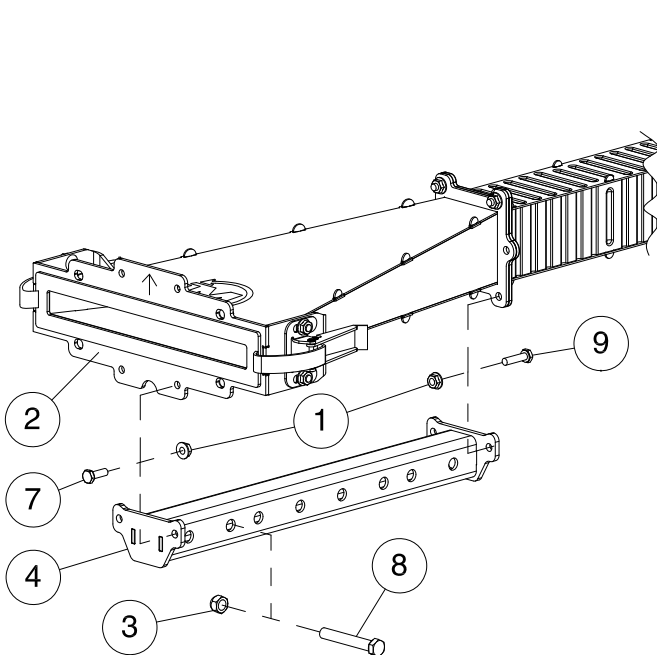
## Divider Head Assembly Mounting Stands



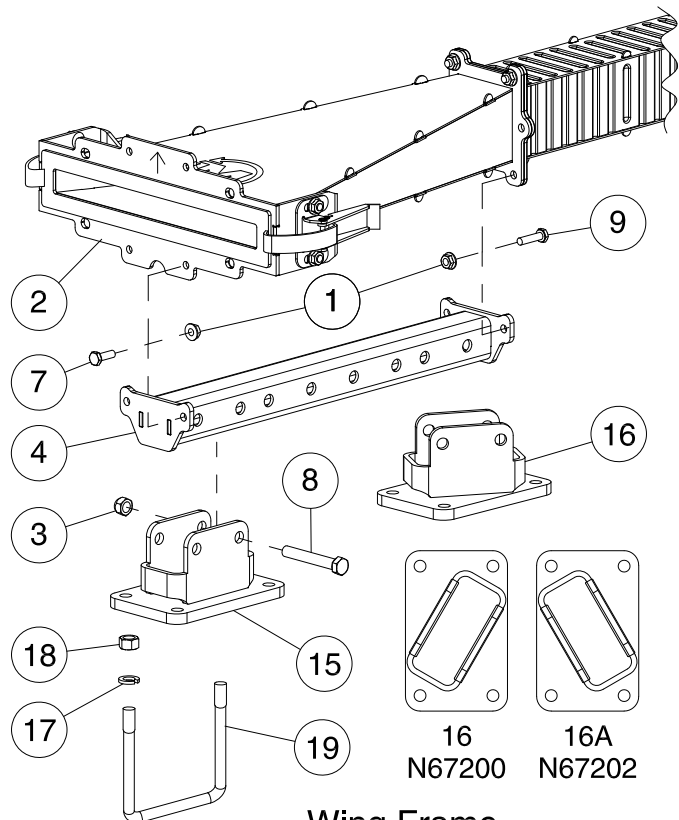
Main Frame  
MOUNTING OPTION 1



Main Frame  
MOUNTING OPTION 2

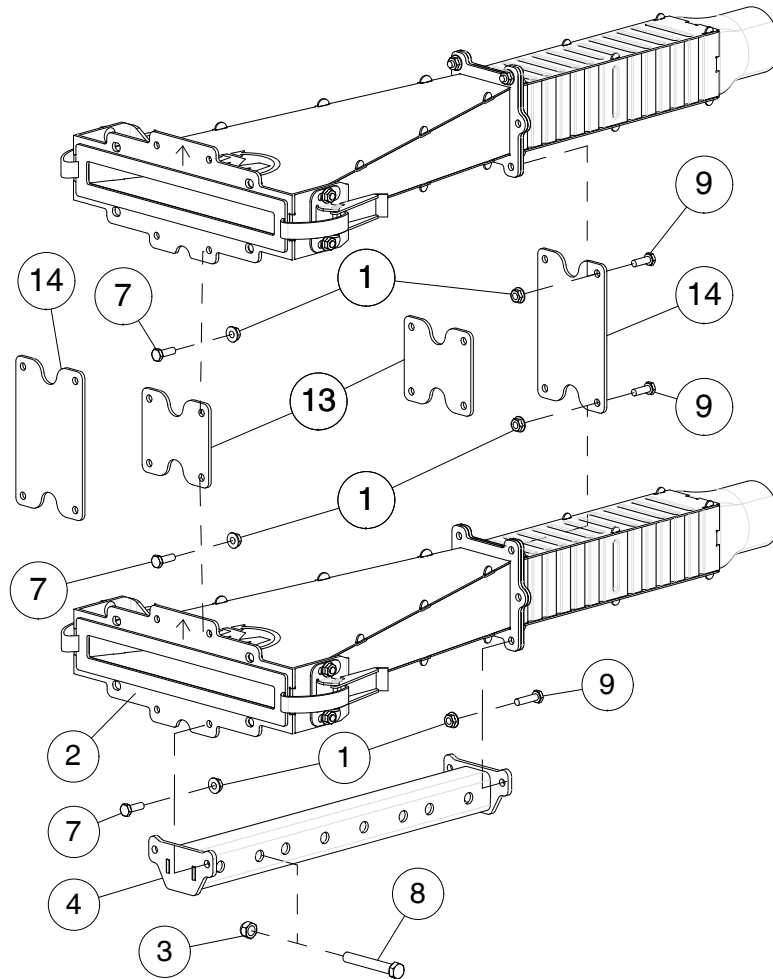


Wing Frame  
MOUNTING OPTION 3



Wing Frame  
MOUNTING OPTION 4

## Divider Head Assembly - Mounting Stands

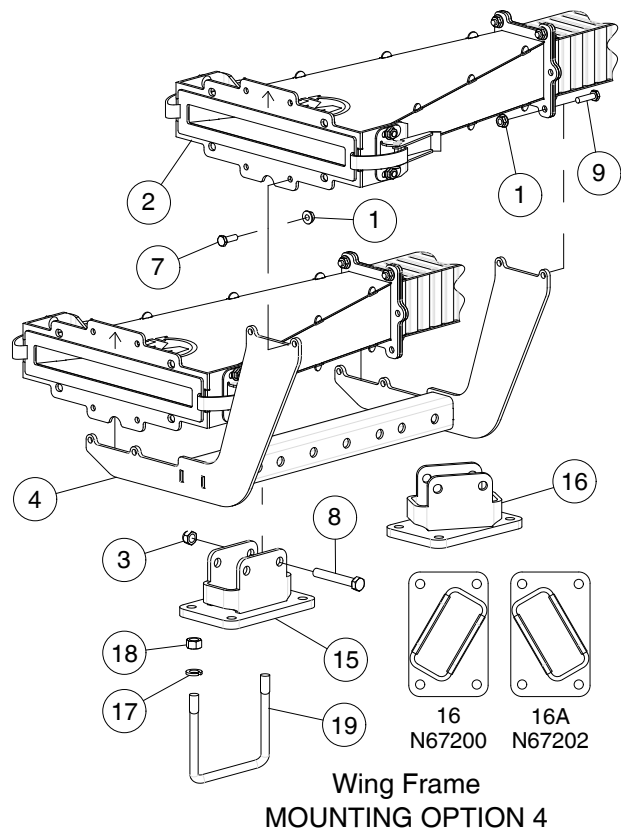
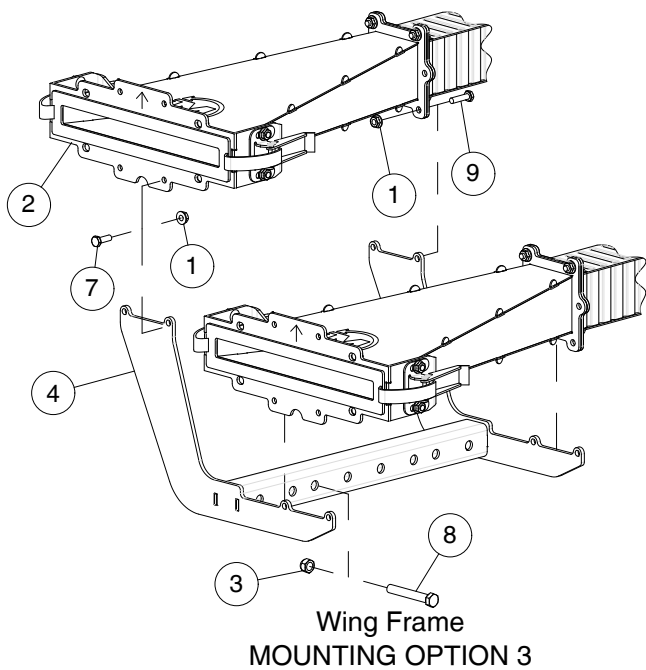
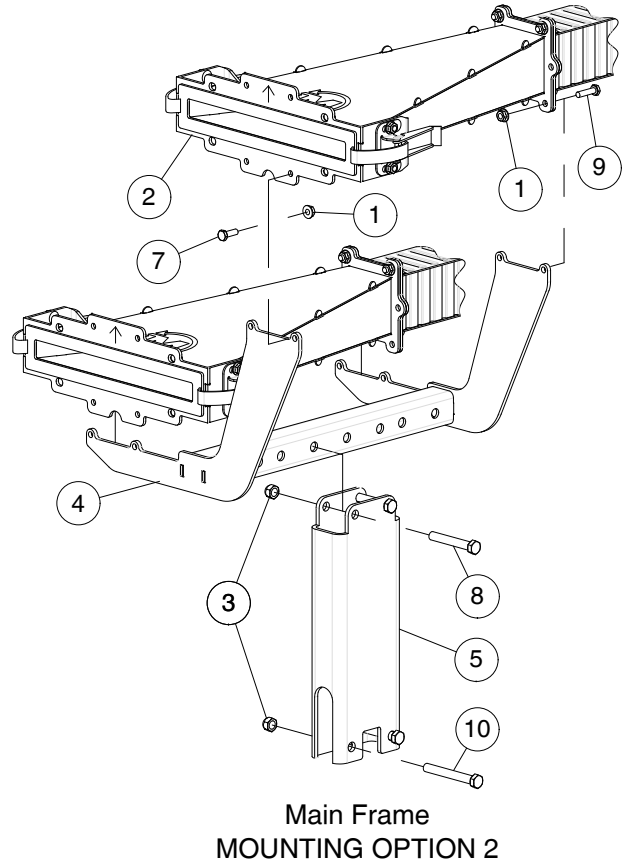
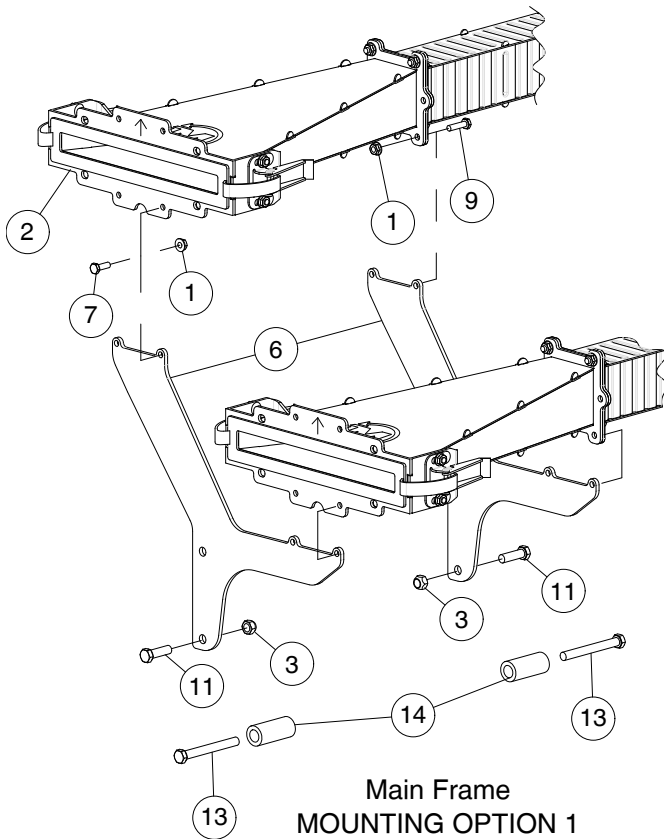


MOUNTING OPTION DUAL SHOOT - Prior to 2023

| Item | Part No. | Description                                                          | Qty |
|------|----------|----------------------------------------------------------------------|-----|
| 1    | D-5277   | Flange Lock Nut - 1/4 Serrated .....                                 | 10  |
| 2    | *****    | Divider Head and Diffuser Tube Assembly - See page 5-6 and 5-7 ..... | 1   |
| 3    | M-3388   | Locknut - 3/8 Unitorque .....                                        | 4   |
| 4    | N67135   | Head Bracket .....                                                   | 1   |
| 6    | S65390   | Divider Head Pedestal - Main Frame .....                             | 1   |
| 7    | W-469    | Hex Head - 1/4 x 3/4 Lg .....                                        | 4   |
| 8    | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg .....                                      | 2   |
| 9    | W-1552   | Hex Bolt - 1/4 x 1 Lg .....                                          | 2   |
| 10   | W-1854   | Hex Bolt - 3/8 x 3 Lg .....                                          | 2   |
| 11   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg .....                                      | 4   |
| 12   | S65382   | Head Mounting Plate - Main Frame .....                               | 2   |
| 13   | N66140   | Dual Head Mounting Plate Low Profile .....                           | 2   |
| 14   | N66141   | Dual Head Mounting Plate High Profile (Optional) .....               | 2   |
| 15   | N67640   | Head Mounting Bracket - Straight .....                               | 1   |
| 16   | N67200   | Head Mounting Bracket - 30 Degree - Left .....                       | 1   |
| 16A  | N67202   | Head Mounting Bracket - 30 Degree - Right .....                      | 1   |
| 17   | W-523    | Lockwasher - 3/8 .....                                               | 4   |
| 18   | W-514    | Hex Nut - 3/8 .....                                                  | 4   |
| 19   | N19723   | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                             | 2   |
| 20   | S-1299   | Hex Bolt - 3/8 x 4 1/2 Lg - 60 ft .....                              | 4   |
| 21   | N50842   | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg - 60 ft .....                 | 4   |



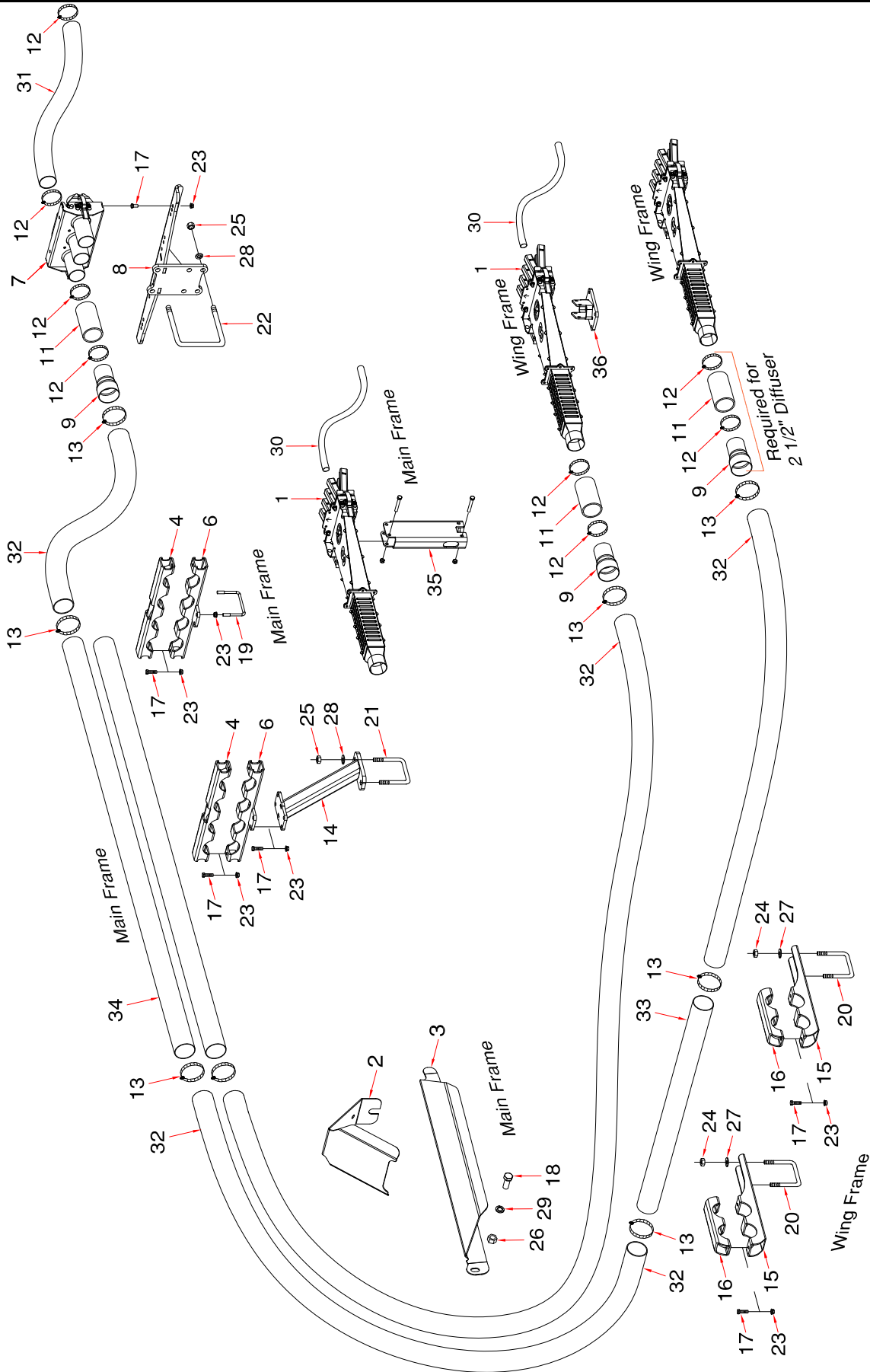
# Divider Head Assembly Offset Dual Shoot Stands - 2023 to Present



## Divider Head Assembly - Offset Dual Shoot Stands - 2023 to Present

| Item | Part No.      | Description                                                          | Qty      |
|------|---------------|----------------------------------------------------------------------|----------|
| 1    | D-5277        | Flange Lock Nut - 1/4 Serrated .....                                 | 10       |
| 2    | *****         | Divider Head and Diffuser Tube Assembly - See page 5-6 and 5-7 ..... | 2        |
| 3    | M-3388        | Locknut - 3/8 Unitorque.....                                         | 4        |
| 4    | <b>N71511</b> | <b>Offset Head Bracket.....</b>                                      | <b>1</b> |
| 5    | S65390        | Divider Head Pedestal - Main Frame .....                             | 1        |
| 6    | <b>N72719</b> | <b>Offset Head Mounting Plate - Main Frame .....</b>                 | <b>2</b> |
| 7    | W-469         | Hex Head - 1/4 x 3/4 Lg .....                                        | 4        |
| 8    | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                       | 2        |
| 9    | W-1552        | Hex Bolt - 1/4 x 1 Lg.....                                           | 2        |
| 10   | W-1854        | Hex Bolt - 3/8 x 3 Lg.....                                           | 2        |
| 11   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                       | 4        |
| 13   | S-1299        | Hex Bolt - 3/8 x 4 1/2 Lg - 60 ft .....                              | 4        |
| 14   | N50842        | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg - 60 ft .....                 | 4        |
| 15   | N67640        | Head Mounting Bracket - Straight.....                                | 1        |
| 16   | N67200        | Head Mounting Bracket - 30 Degree - Left.....                        | 1        |
| 16A  | N67202        | Head Mounting Bracket - 30 Degree - Right .....                      | 1        |
| 17   | W-523         | Lockwasher - 3/8.....                                                | 4        |
| 18   | W-514         | Hex Nut - 3/8 .....                                                  | 4        |
| 19   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                             | 2        |

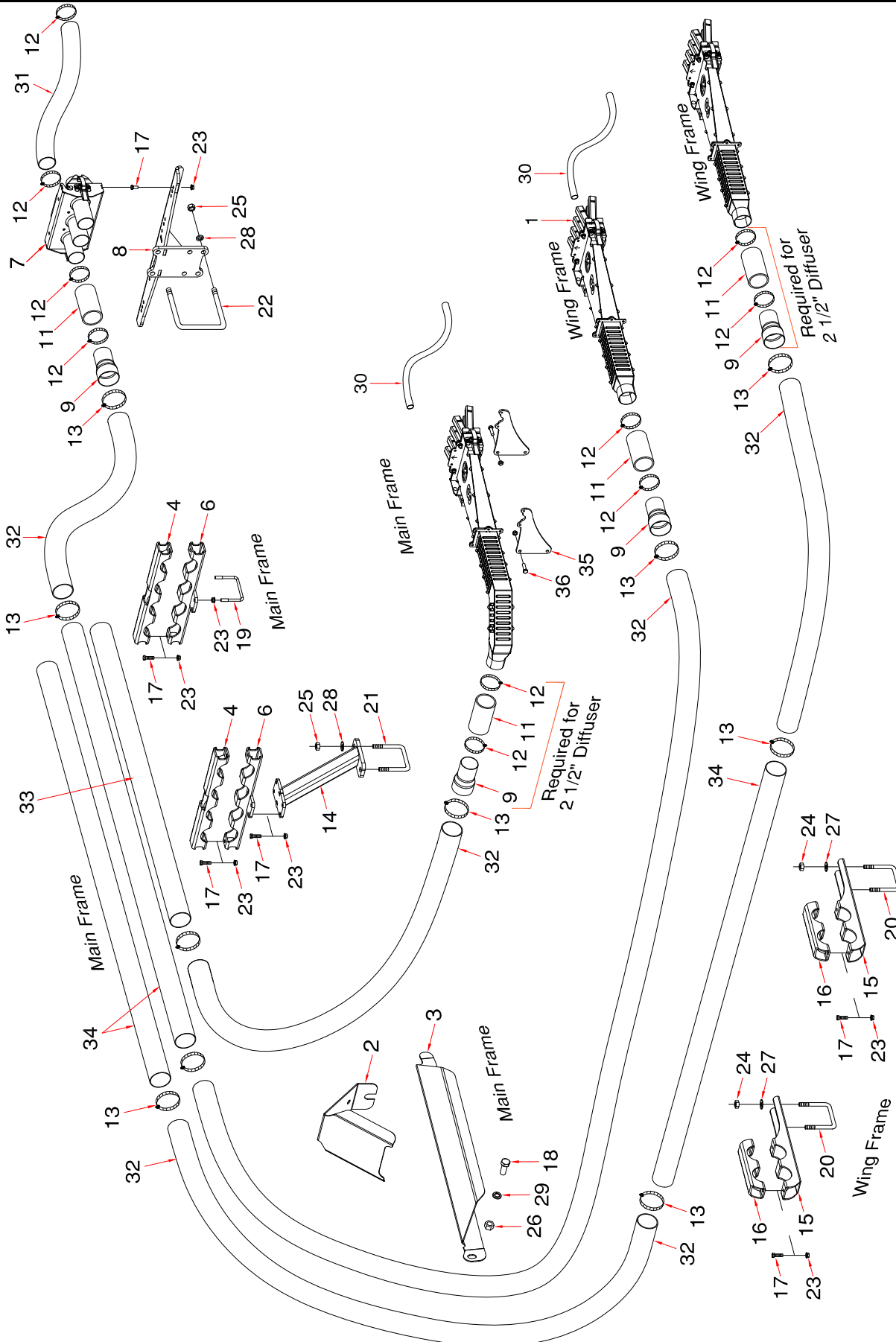
# Single Shoot - Tow Behind 40 ft - 12m - 5 primaries - 12 and 15 inch (300 - 380mm) Spacing



## Single Shoot Tow Behind - 40 ft - 12m - 5 primaries

| Item | Part No.      | Description                                                                                                                                                                                              | Qty    |
|------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****         | <b>For 12 and 15 inch - 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 5      |
|      |               | <b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet .....                                                                           | 3<br>2 |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                             | 2      |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                | 1      |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                       | 1      |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                     | 4      |
| 5    | *****         |                                                                                                                                                                                                          |        |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                             | 4      |
| 7    | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                | 2      |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                             | 1      |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                               | 10     |
| 10   | *****         |                                                                                                                                                                                                          |        |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                     | 10     |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 10) .....                                                                                                                                                | 30     |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                        | 22     |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                                     | 2      |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                  | 4      |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                            | 4      |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                           | 24     |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                           | 2      |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                         | 4      |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                         | 4      |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                         | 2      |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                         | 2      |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                              | 32     |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                          | 8      |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                          | 8      |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                          | 2      |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                    | 8      |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                    | 8      |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                    | 2      |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . .12"SP-450 ft . . .15"SP-375 ft - Prior to 2023..                                                                                                          |        |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                      |        |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                             |        |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                           | 100    |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                          | 100    |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                         | 2      |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                         | 4      |
| 35   | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                 | 1      |
| 36   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                  | 1      |
| 36A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                            | 1      |

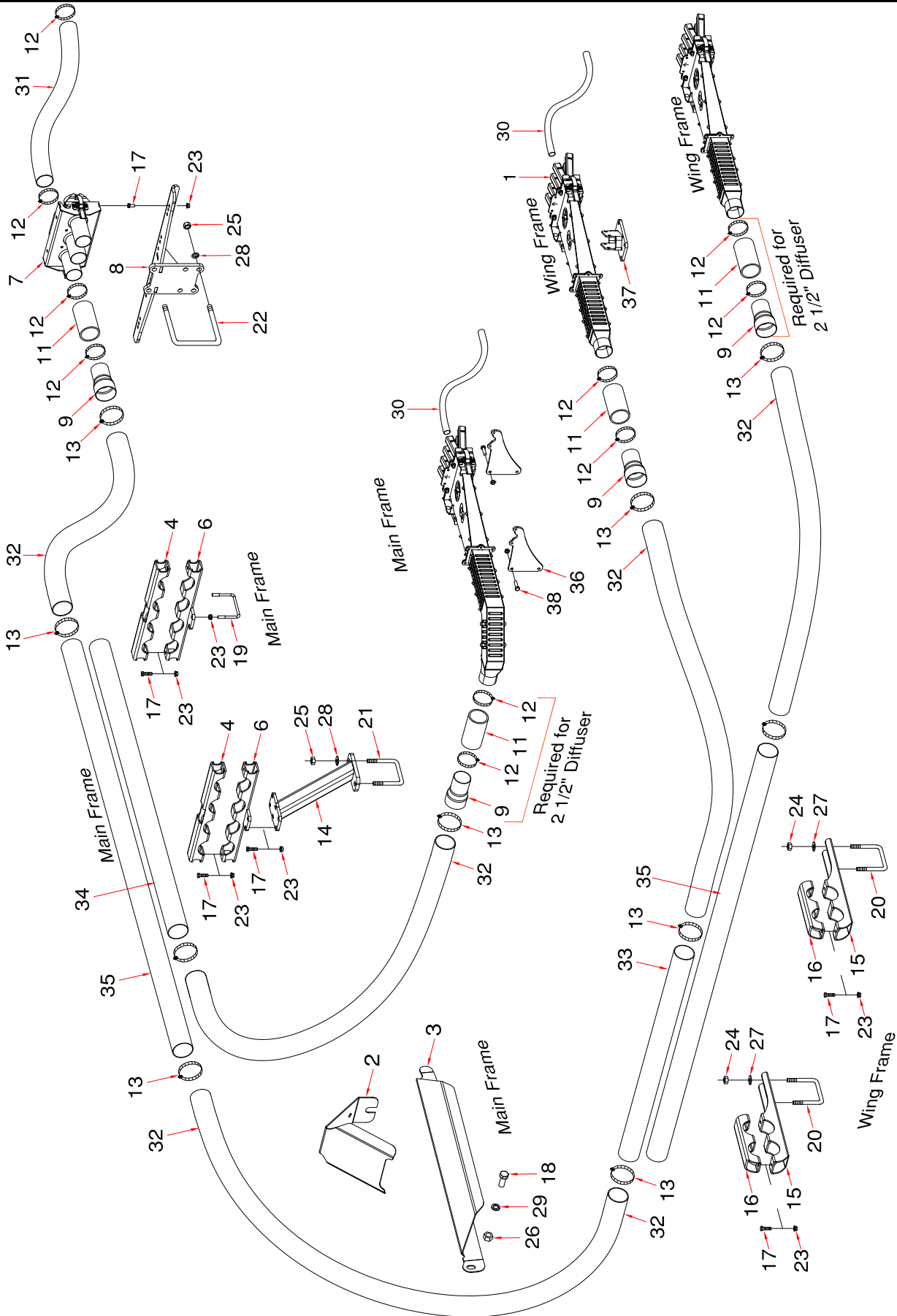
# Single Shoot - Tow Behind 40 ft - 12m - 6 primaries - 10 inch (250mm) Spacing



# Single Shoot Tow Behind - 40 ft -12m - 6 primaries

| Item | Part No.      | Description                                                                                                                                                                             | Qty |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | *****         | <b>For 10 inch - 250mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 6   |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                            | 2   |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                               | 1   |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                      | 1   |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                    | 4   |
| 5    | *****         |                                                                                                                                                                                         |     |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                            | 4   |
| 7    | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                               | 2   |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                            | 1   |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                              | 12  |
| 10   | *****         |                                                                                                                                                                                         |     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                    | 12  |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 12) .....                                                                                                                               | 36  |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                       | 28  |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                    | 2   |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                 | 4   |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                           | 4   |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                          | 24  |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                          | 2   |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                        | 4   |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                        | 4   |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                        | 2   |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                        | 2   |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                             | 32  |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                         | 8   |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                         | 8   |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                         | 2   |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                   | 8   |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                   | 8   |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                   | 2   |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                         | 600 |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                     |     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                            |     |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                          | 125 |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                         | 100 |
| 33   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                        | 2   |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                        | 6   |
| 35   | S65382        | Head Mounting Plate - Main .....                                                                                                                                                        | 4   |
| 36   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                          | 8   |

# Single Shoot - Tow Behind 50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing

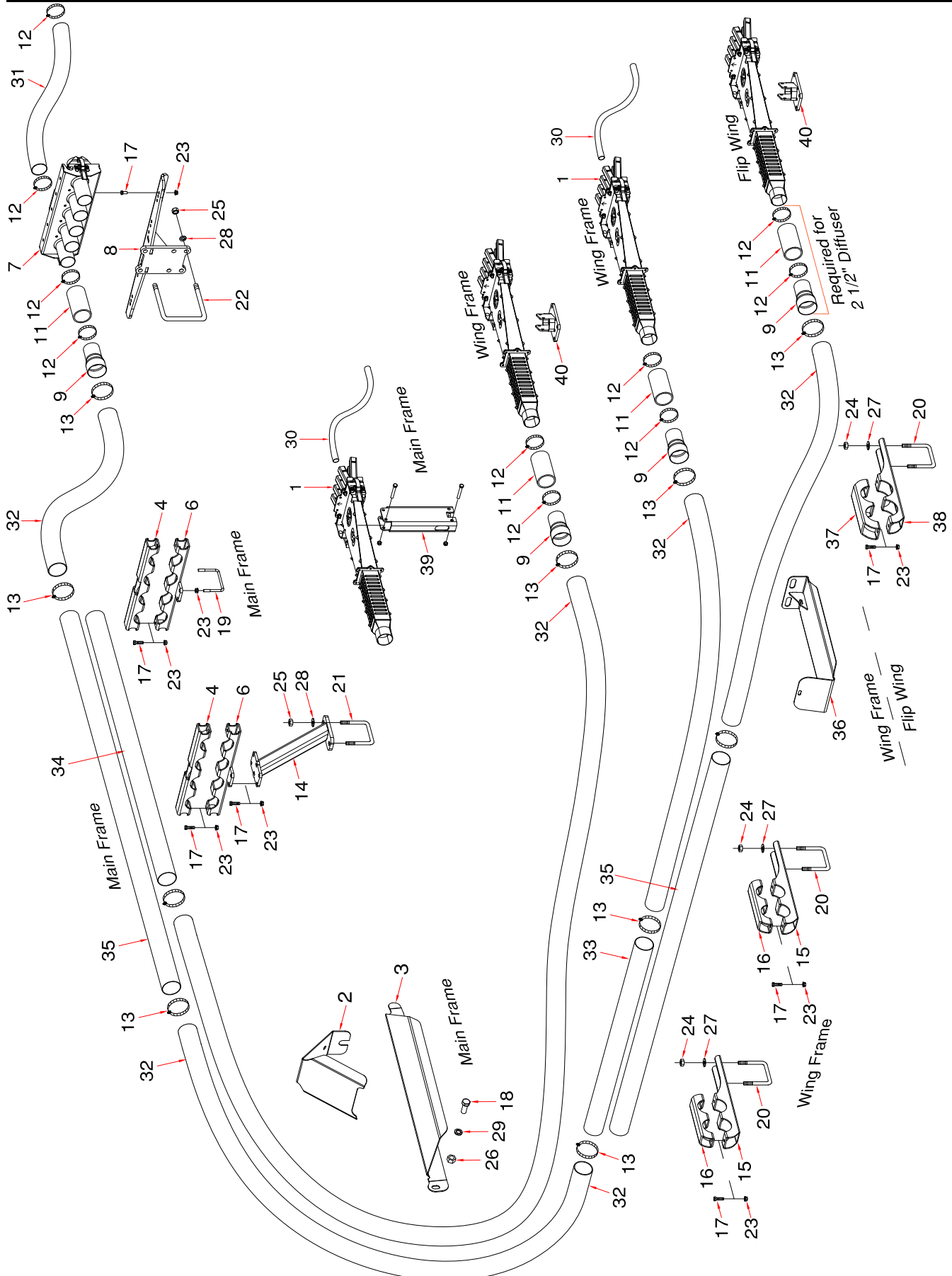




# Single Shoot Tow Behind - 50 ft - 15m - 6 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                | Qty    |
|------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****         | <b>For 15 inch - 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 2<br>4 |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                               | 2      |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                  | 1      |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                         | 1      |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                       | 4      |
| 5    | *****         |                                                                                                                                                                                                                                            |        |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                               | 4      |
| 7    | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                  | 2      |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                               | 1      |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                 | 12     |
| 10   | *****         |                                                                                                                                                                                                                                            |        |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                       | 12     |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 12) .....                                                                                                                                                                                  | 36     |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                          | 32     |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                                                                       | 2      |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                    | 4      |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                              | 4      |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 24     |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                             | 2      |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                           | 4      |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                           | 4      |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                           | 2      |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                           | 2      |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                | 32     |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                            | 8      |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                            | 8      |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                            | 2      |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                      | 8      |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                      | 8      |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                      | 2      |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                                                                            | 450    |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                        |        |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                               |        |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                                             | 125    |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - (Seed).....                                                                                                                                                                                     | 100    |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                           | 2      |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                           | 2      |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                           | 6      |
| 36   | S65382        | Head Mounting Plate - Main .....                                                                                                                                                                                                           | 4      |
| 37   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                    | 1      |
| 37A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                              | 1      |
| 38   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 8      |

# Single Shoot - Tow Behind 50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing

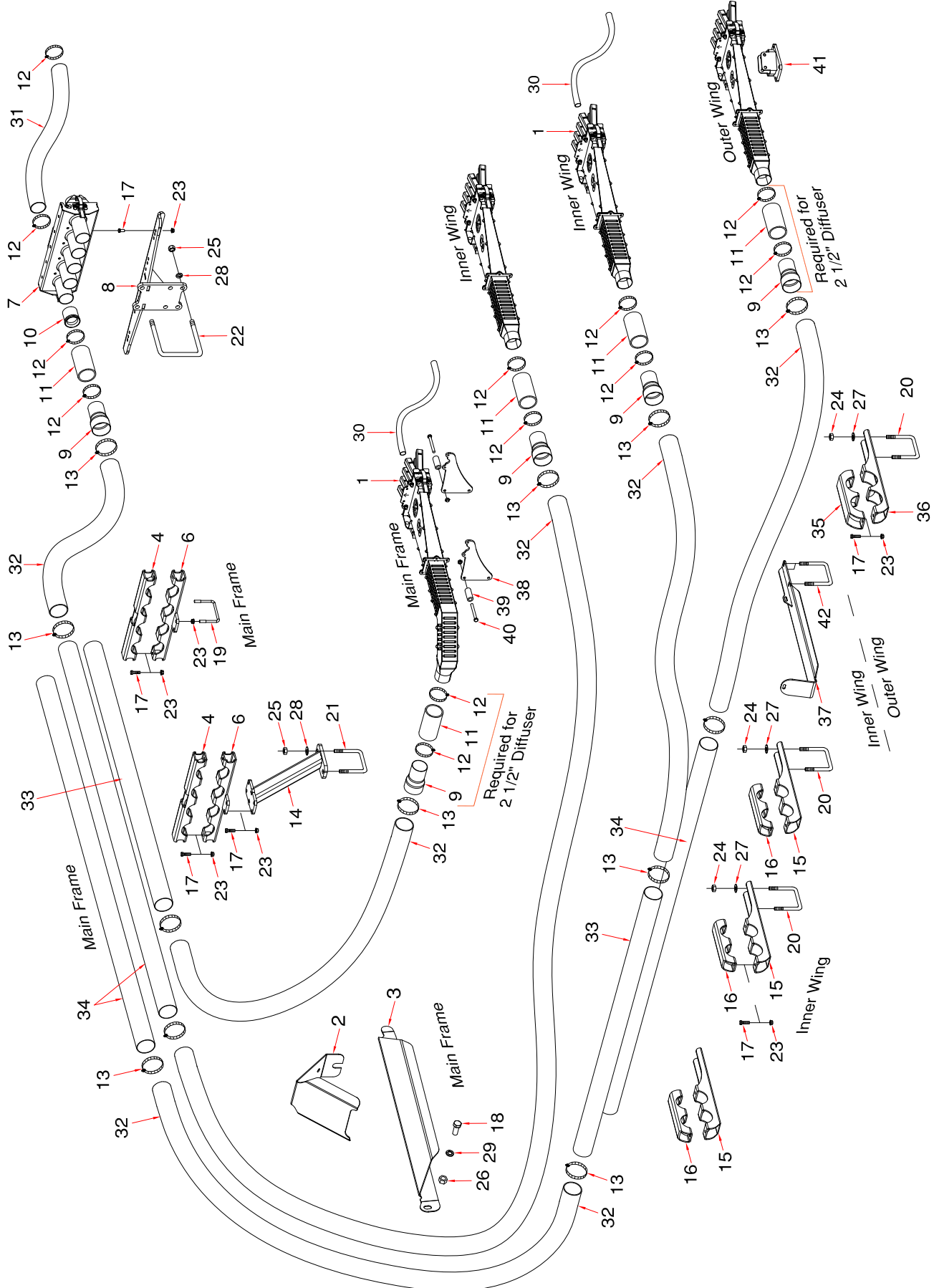


## Single Shoot Tow Behind - 50 ft 7 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                   | Qty              |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1    | *****         | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet .....<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet ..... | 3<br>4<br>6<br>1 |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                  | 2                |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                     | 1                |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                            | 1                |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                          | 4                |
| 5    | *****         |                                                                                                                                                                                                                                                                                                                                                                                               |                  |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                  | 4                |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                     | 2                |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                  | 1                |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                    | 14               |
| 10   | *****         |                                                                                                                                                                                                                                                                                                                                                                                               |                  |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                          | 14               |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 14) .....                                                                                                                                                                                                                                                                                                                                     | 42               |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                             | 34               |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                          | 2                |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                       | 4                |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                 | 4                |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                | 28               |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                | 2                |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                              | 4                |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                              | 12               |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                              | 2                |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                              | 2                |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                   | 36               |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                               | 24               |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                               | 8                |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                               | 2                |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                         | 24               |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                         | 8                |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                         | 2                |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . . 10"SP-675 ft . . . 12"SP-600 ft                                                                                                                                                                                                                                                                                                               |                  |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                           |                  |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                  |                  |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                | 150              |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - (Seed).....                                                                                                                                                                                                                                                                                                                                        | 150              |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 2                |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 2                |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 6                |
| 36   | N67295        | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                                                                                                                                                         | 2                |
| 37   | N66374        | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                              | 2                |
| 38   | N66375        | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                    | 2                |
| 39   | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                      | 1                |
| 40   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                                                                       | 1                |
| 40A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                                                                 | 1                |

# Single Shoot - Tow Behind

60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing

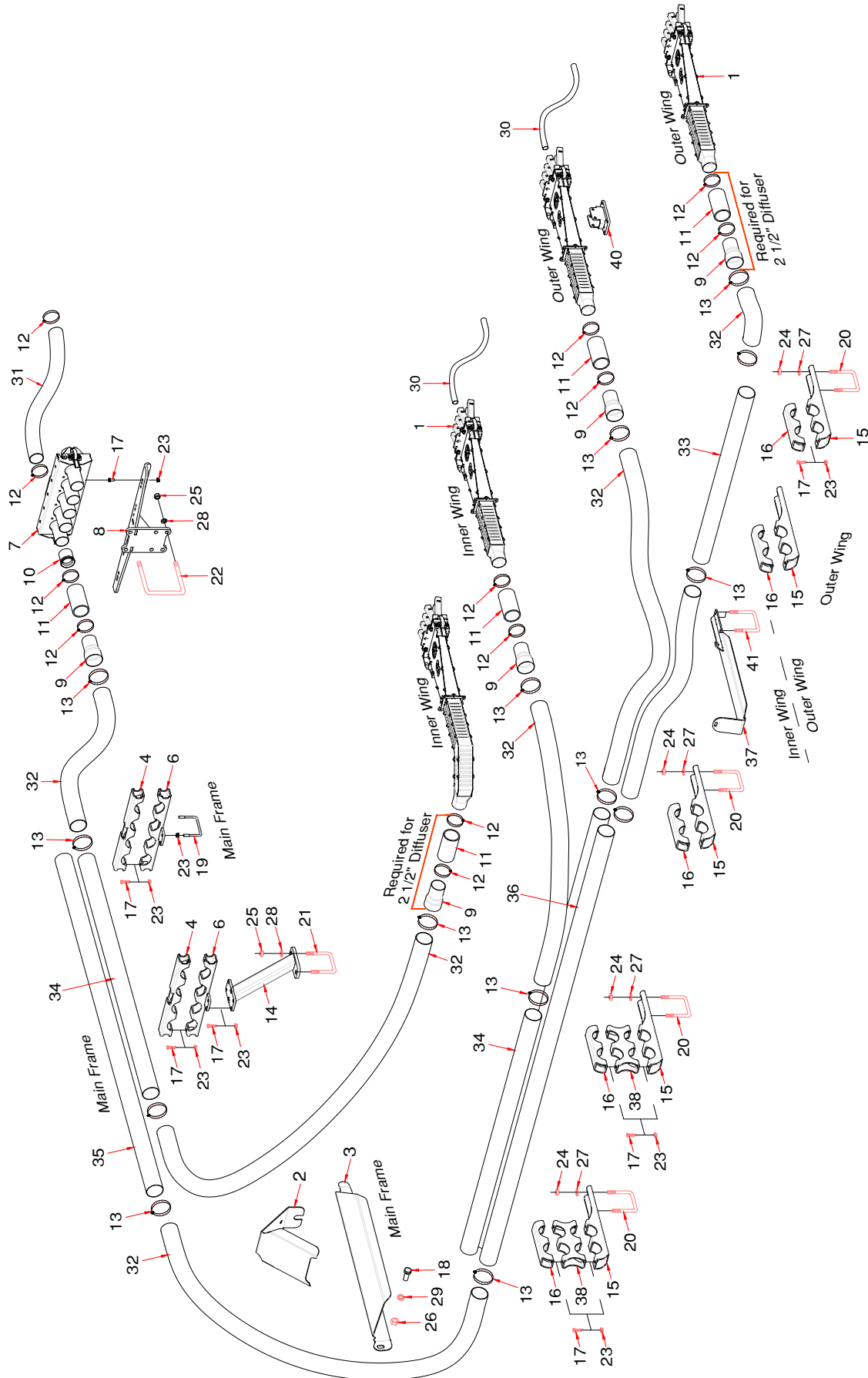


# Single Shoot Tow Behind - 60 ft - 18m - 8 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | Qty |
|------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 8<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 4<br>N66508 - Divider Head Assembly - 8 Outlet ..... 4<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 8 |     |
| 2    | S67250        | Primary Hose Deflector ..... 2                                                                                                                                                                                                                                                                                                                                                                                                               |     |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) ..... 1                                                                                                                                                                                                                                                                                                                                                                                  |     |
|      | S66435        | Primary Hose Hose Suport - Main - Right side ..... 1                                                                                                                                                                                                                                                                                                                                                                                         |     |
| 4    | N66321        | Distribution Pipe Clamp - Main ..... 4                                                                                                                                                                                                                                                                                                                                                                                                       |     |
| 5    | *****         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main ..... 4                                                                                                                                                                                                                                                                                                                                                                                               |     |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) ..... 2                                                                                                                                                                                                                                                                                                                                                                  |     |
| 8    | N53203        | Coupler Tower - Behind ..... 1                                                                                                                                                                                                                                                                                                                                                                                                               |     |
| 9    | N64095        | Primary Hose Adapter ..... 16                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 10   | N37920        | Equalizer ..... 0                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg..... 16                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 16)..... 48                                                                                                                                                                                                                                                                                                                                                                                  |     |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 ..... 40                                                                                                                                                                                                                                                                                                                                                                                                         |     |
| 14   | N66325        | Distribution Pipe Stand - Main ..... 2                                                                                                                                                                                                                                                                                                                                                                                                       |     |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing - Wing ..... 6                                                                                                                                                                                                                                                                                                                                                                             |     |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing - Wing ..... 6                                                                                                                                                                                                                                                                                                                                                                                       |     |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg..... 32                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg..... 2                                                                                                                                                                                                                                                                                                                                                                                                             |     |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL..... 4                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL..... 8                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL..... 2                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL..... 2                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 23   | S27987        | Locknut - 3/8 Serrated..... 40                                                                                                                                                                                                                                                                                                                                                                                                               |     |
| 24   | W-516         | Nut - 1/2 ..... 16                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 25   | W-517         | Nut - 5/8 ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| 26   | W-518         | Nut - 3/4 ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| 27   | W-525         | Lockwasher - 1/2..... 16                                                                                                                                                                                                                                                                                                                                                                                                                     |     |
| 28   | W-526         | Lockwasher - 5/8..... 8                                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| 29   | W-527         | Lockwasher - 3/4..... 2                                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-825 ft . . 12"SP-675 ft . . 15"SP-600 ft ..... 175                                                                                                                                                                                                                                                                                                                                           |     |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                          |     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                 |     |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ..... 150                                                                                                                                                                                                                                                                                                                                                           |     |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> )..... 4                                                                                                                                                                                                                                                                                                                                                                            |     |
| 33   | N64092        | Primary Pipe SS - 3 x 72 Lg..... 6                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg..... 2                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 35   | N66374        | Distribution Hose Clamp - Wing - 3 5/8 Dia ..... 2                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 36   | N66375        | Distribution Hose Support Bracket - Wing - 3 5/8 Dia ..... 2                                                                                                                                                                                                                                                                                                                                                                                 |     |
| 37   | N66395        | Primary Hose Guide Plate - Wing ..... 4                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| 38   | S65382        | Head Mounting Plate - Main ..... 8                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 39   | N50842        | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg ..... 8                                                                                                                                                                                                                                                                                                                                                                                               |     |
| 40   | S-1299        | Hex Bolt - 3/8 x 4 1/2 Lg..... 8                                                                                                                                                                                                                                                                                                                                                                                                             |     |
| 41   | N67200        | Head Mounting Bracket - 30 Degree - Left (shown) ..... 1                                                                                                                                                                                                                                                                                                                                                                                     |     |
| 41A  | N67202        | Head Mounting Bracket - 30 Degree - Right..... 1                                                                                                                                                                                                                                                                                                                                                                                             |     |
| 42   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL ..... 8                                                                                                                                                                                                                                                                                                                                                                                                   |     |

# Single Shoot - Tow Behind

70 ft - 21m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing



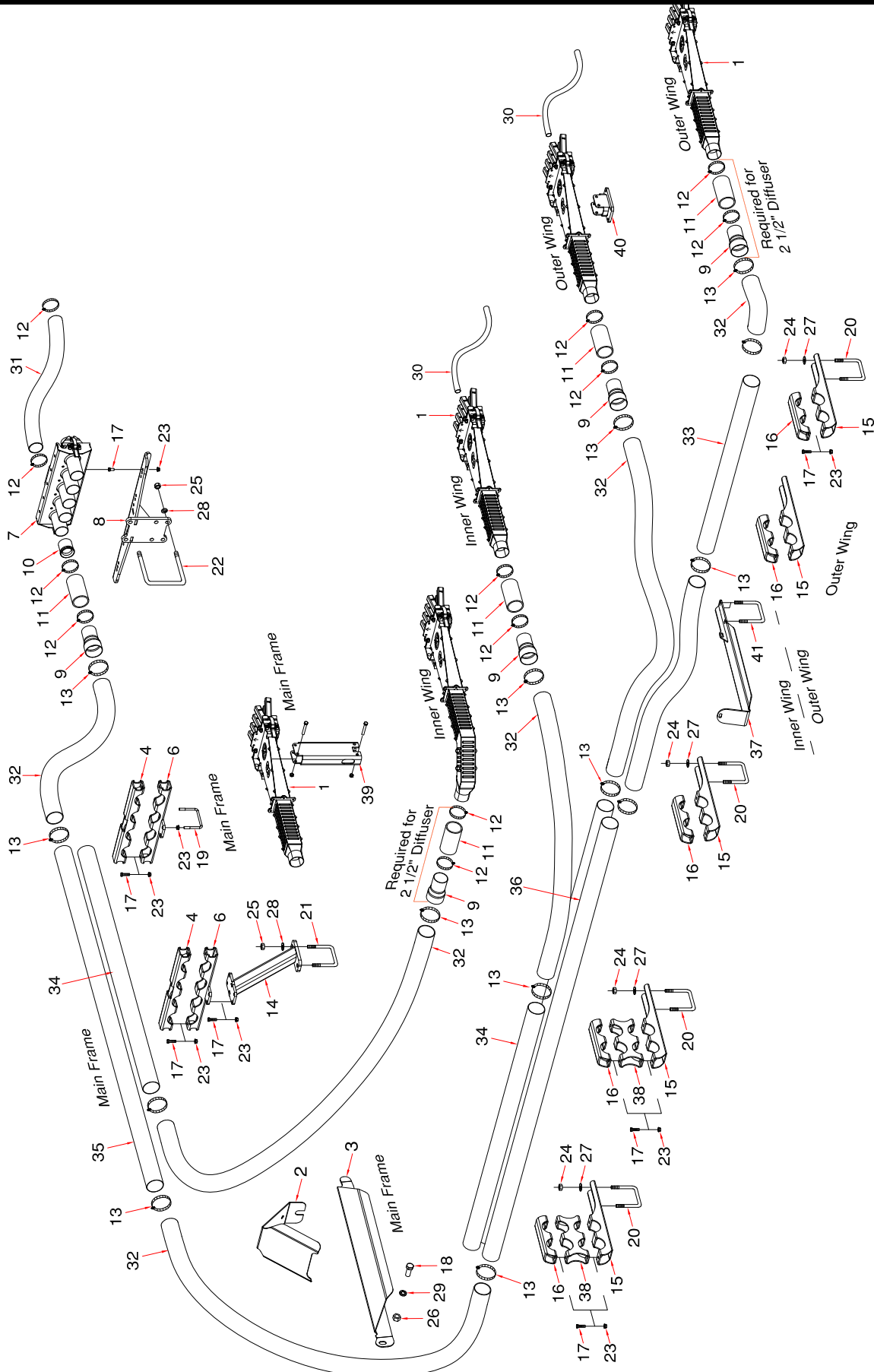
# Single Shoot Tow Behind - 70 ft -21m - 8 primaries

| Item | Part No.      | Description                                                                                    | Qty |
|------|---------------|------------------------------------------------------------------------------------------------|-----|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b>                                 |     |
| 1    | *****         | Divider Head Assembly (Refer to Divider Head Assembly for details)                             |     |
|      |               | 10" spacing uses:                                                                              |     |
|      |               | N66510 - Divider Head Assembly - 10 Outlet.....                                                | 4   |
|      |               | ***** - Divider Head Assembly - 11 Outlet .....                                                | 4   |
|      |               | 12" spacing uses:                                                                              |     |
|      |               | N66508 - Divider Head Assembly - 8 Outlet .....                                                | 2   |
|      |               | N66509 - Divider Head Assembly - 9 Outlet .....                                                | 6   |
|      |               | 15" spacing uses:                                                                              |     |
|      |               | N66507 - Divider Head Assembly - 7 Outlet .....                                                | 8   |
| 2    | S67250        | Primary Hose Deflector .....                                                                   | 2   |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                      | 1   |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                             | 1   |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                           | 4   |
| 5    | *****         |                                                                                                |     |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                   | 4   |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                      | 2   |
| 8    | N53203        | Coupler Tower - Behind .....                                                                   | 1   |
| 9    | N64095        | Primary Hose Adapter .....                                                                     | 16  |
| 10   | N37920        | Equalizer .....                                                                                | 0   |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                           | 16  |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 18).....                                       | 50  |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                              | 48  |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                           | 2   |
| 15   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                 | 10  |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                           | 4   |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                 | 44  |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                 | 2   |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                               | 4   |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                               | 10  |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                               | 2   |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                               | 2   |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                    | 52  |
| 24   | W-516         | Nut - 1/2 .....                                                                                | 20  |
| 25   | W-517         | Nut - 5/8 .....                                                                                | 8   |
| 26   | W-518         | Nut - 3/4 .....                                                                                | 2   |
| 27   | W-525         | Lockwasher - 1/2.....                                                                          | 20  |
| 28   | W-526         | Lockwasher - 5/8.....                                                                          | 8   |
| 29   | W-527         | Lockwasher - 3/4.....                                                                          | 2   |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-975 ft . . 12"SP-825 ft . . 15"SP-675 ft ..... |     |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                            |     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                   |     |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                 | 180 |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - (Seed).....                                         | 175 |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                               | 2   |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                               | 4   |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                               | 6   |
| 36   | N64096        | Primary Pipe SS - 3 x 120 Lg.....                                                              | 4   |
| 37   | N66395        | Primary Hose Guide Plate.....                                                                  | 2   |
| 38   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                 | 4   |
| 39   | *****         |                                                                                                |     |
| 40   | N67640        | Head Mounting Bracket - Straight .....                                                         | 2   |
| 41   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                       | 8   |



# Single Shoot - Tow Behind

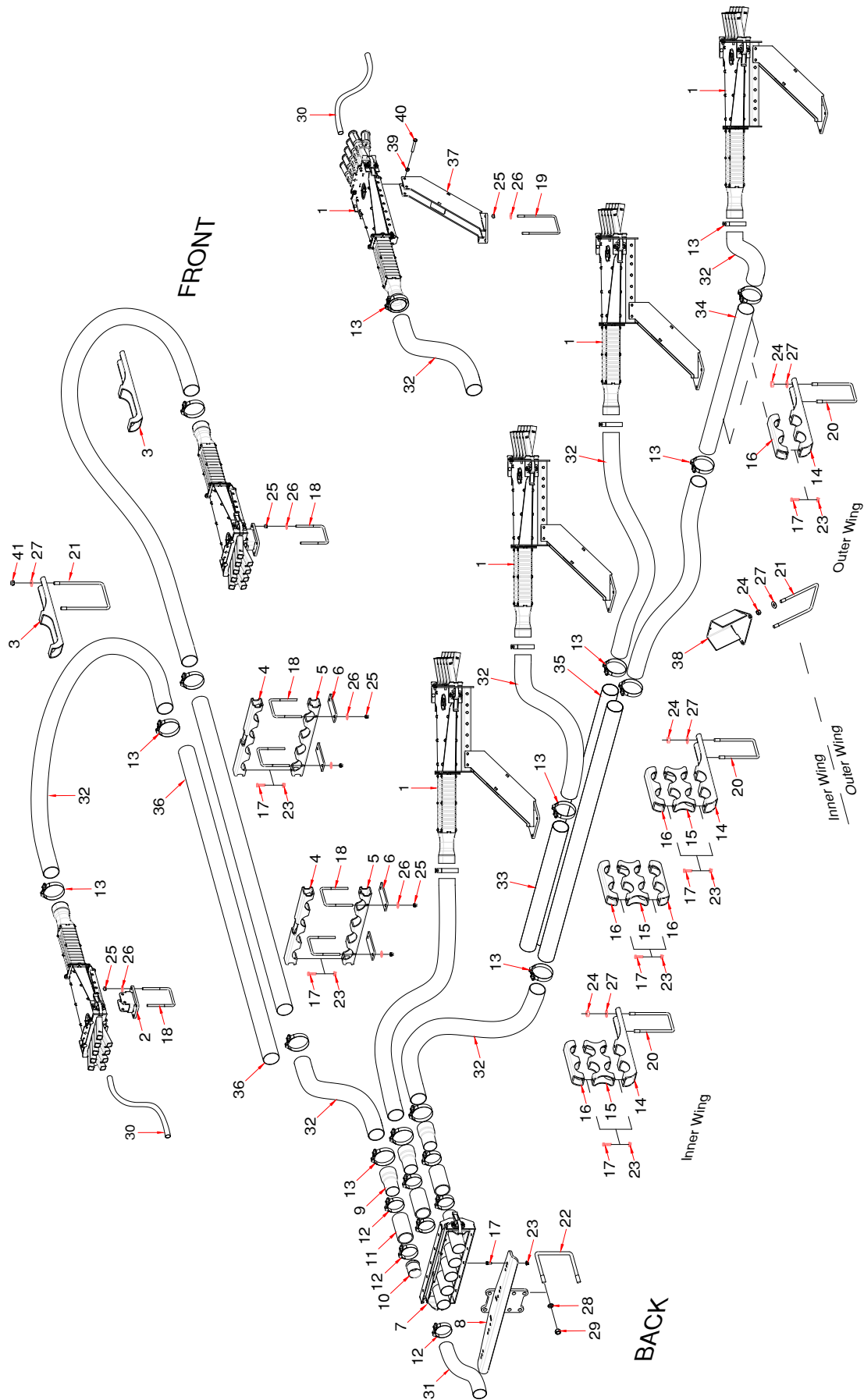
70 ft - 21m - 9 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing



# Single Shoot Tow Behind - 70 ft -21m - 9 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty |
|------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 6<br>N66510 - Divider Head Assembly - 10 Outlet..... 3<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 2<br>N66508 - Divider Head Assembly - 8 Outlet ..... 7<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 7<br>N66507 - Divider Head Assembly - 7 Outlet ..... 2 |     |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2   |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1   |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1   |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4   |
| 5    | *****         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4   |
| 7    | *****         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |
| 8    | N53203        | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2   |
| 9    | N64095        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1   |
| 10   | N37920        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18  |
| 11   | N19428        | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0   |
| 12   | N11905        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18  |
| 13   | N64099        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 18).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 54  |
| 14   | N66325        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50  |
| 15   | N66339        | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2   |
| 16   | N66359        | Distribution Pipe Support Bracket - Wing.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10  |
| 17   | W-187         | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4   |
| 18   | BW-10         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 44  |
| 19   | D-4932        | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2   |
| 20   | C-3932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4   |
| 21   | S39649        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10  |
| 22   | F-4642        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2   |
| 23   | S27987        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2   |
| 24   | W-516         | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 52  |
| 25   | W-517         | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20  |
| 26   | W-518         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8   |
| 27   | W-525         | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2   |
| 28   | W-526         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20  |
| 29   | W-527         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8   |
| 30   | R480034       | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2   |
|      | N73085        | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-975 ft . . 12"SP-825 ft . . 15"SP-675 ft.....                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025</b><br><b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                                             |     |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 180 |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 175 |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2   |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4   |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6   |
| 36   | N64096        | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4   |
| 37   | N66395        | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2   |
| 38   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4   |
| 39   | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1   |
| 40   | N67640        | Head Mounting Bracket - Straight.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2   |
| 41   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8   |

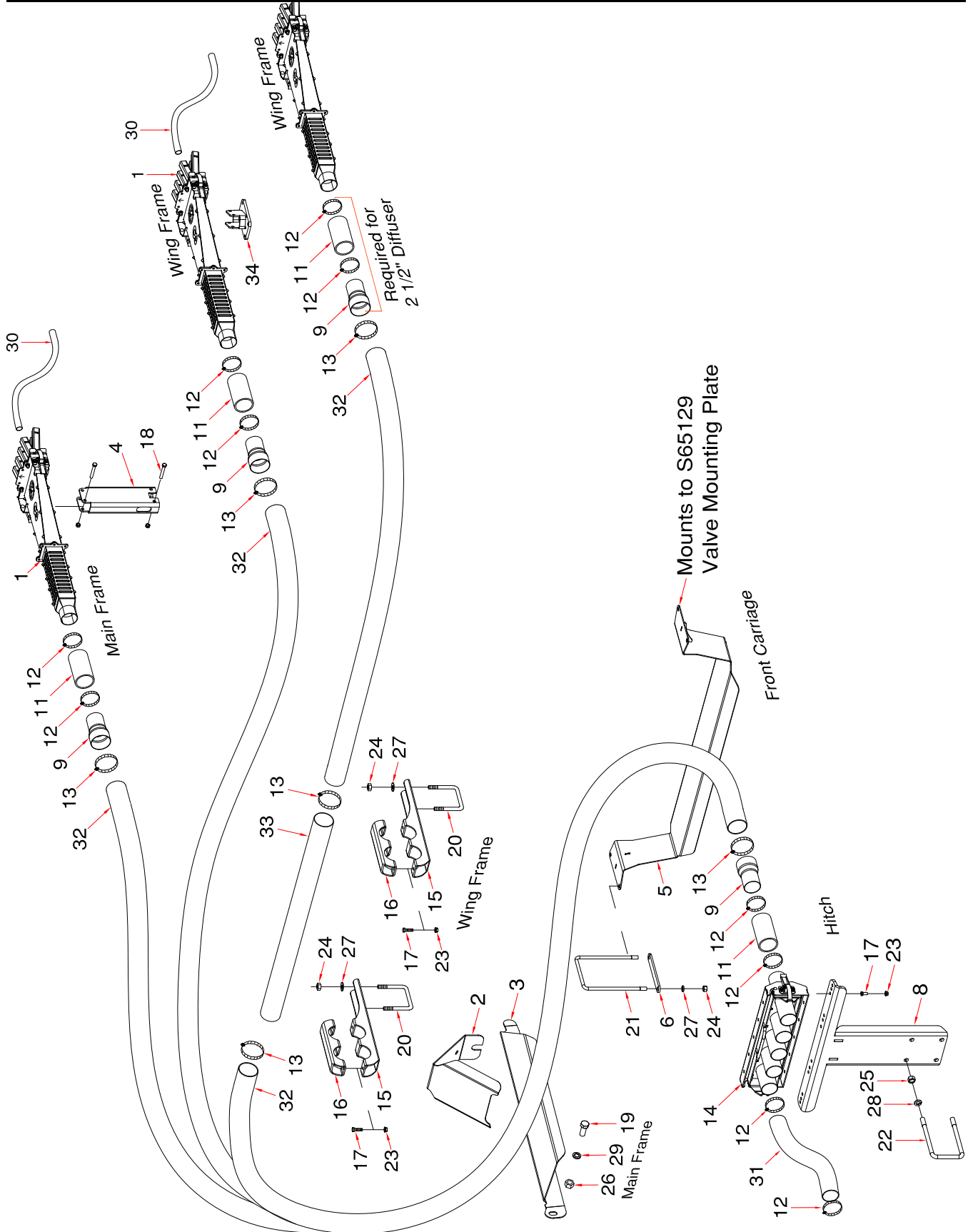
# Single Shoot - Tow Behind 80 ft - 24m - 10 primaries - 10 and 12 inch (250 - 300) Spacing



## Single Shoot Tow Behind - 80 ft - 24m - 10 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                         | Qty    |
|------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****<br>80ft | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: 97 runs</b><br>N66509 - Divider Head Assembly - 9 Outlet .....<br>N66510 - Divider Head Assembly - 10 Outlet..... | 3<br>7 |
|      | 80ft          | <b>12" (3spacing uses: 82 runs</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet .....                                                                                                                            | 8<br>2 |
| 2    | N67640        | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                              | 2      |
| 3    | N72832        | Distribution Pipe Support .....                                                                                                                                                                                                                                     | 2      |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                | 2      |
| 5    | N72833        | Distribution Pipe Clamp - Front Carriage .....                                                                                                                                                                                                                      | 2      |
| 6    | N72834        | Clamp Plat - Main .....                                                                                                                                                                                                                                             | 4      |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                           | 2      |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                        | 1      |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                          | 10     |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                                                                     | 0      |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                | 10     |
| 12   | N73068        | Hose Clamp - T-Bolt - 2 9/16 - 2 7/8 .....                                                                                                                                                                                                                          | 30     |
| 13   | N73077        | Hose Clamp - T-Bolt - 3 .....                                                                                                                                                                                                                                       | 40     |
| 14   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                      | 8      |
| 15   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                      | 6      |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                | 12     |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                      | 40     |
| 18   | N15098        | U-Bolt - 3/8 x 4 x 5 UL.....                                                                                                                                                                                                                                        | 8      |
| 19   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                            | 16     |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                    | 8      |
| 21   | H21437        | U-Bolt - 1/2 x 6 x 9 UL.....                                                                                                                                                                                                                                        | 4      |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                    | 2      |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                         | 40     |
| 24   | S47110        | Lock Nut - 1/2 Center Lock .....                                                                                                                                                                                                                                    | 20     |
| 25   | 10229         | Locknut - 3/8 Nylock .....                                                                                                                                                                                                                                          | 48     |
| 26   | W-538         | Flat Washer - 7/16.....                                                                                                                                                                                                                                             | 48     |
| 27   | S-766         | Flat Washer - 1/2.....                                                                                                                                                                                                                                              | 24     |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                               | 4      |
| 29   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                     | 4      |
| 30   | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025 .....                                                                                                                                                                                                           | 21     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                        |        |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                      | 425ft  |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ) .....                                                                                                                                                                                                    | 200ft  |
| 33   | S72398        | Primary Pipe SS - 3 x 36 Lg.....                                                                                                                                                                                                                                    | 2      |
| 34   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                    | 2      |
| 35   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                    | 4      |
| 36   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                    | 2      |
| 37   | S72391        | Mount Bracket .....                                                                                                                                                                                                                                                 | 8      |
| 38   | S72979        | Hose Guard.....                                                                                                                                                                                                                                                     | 2      |
| 39   | M-3388        | Locknut - 3/8 Unitorque.....                                                                                                                                                                                                                                        | 20     |
| 40   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                                                                                                                                                                                      | 20     |
| 41   | C26701        | Locknut - 1/2 Nylock .....                                                                                                                                                                                                                                          | 4      |

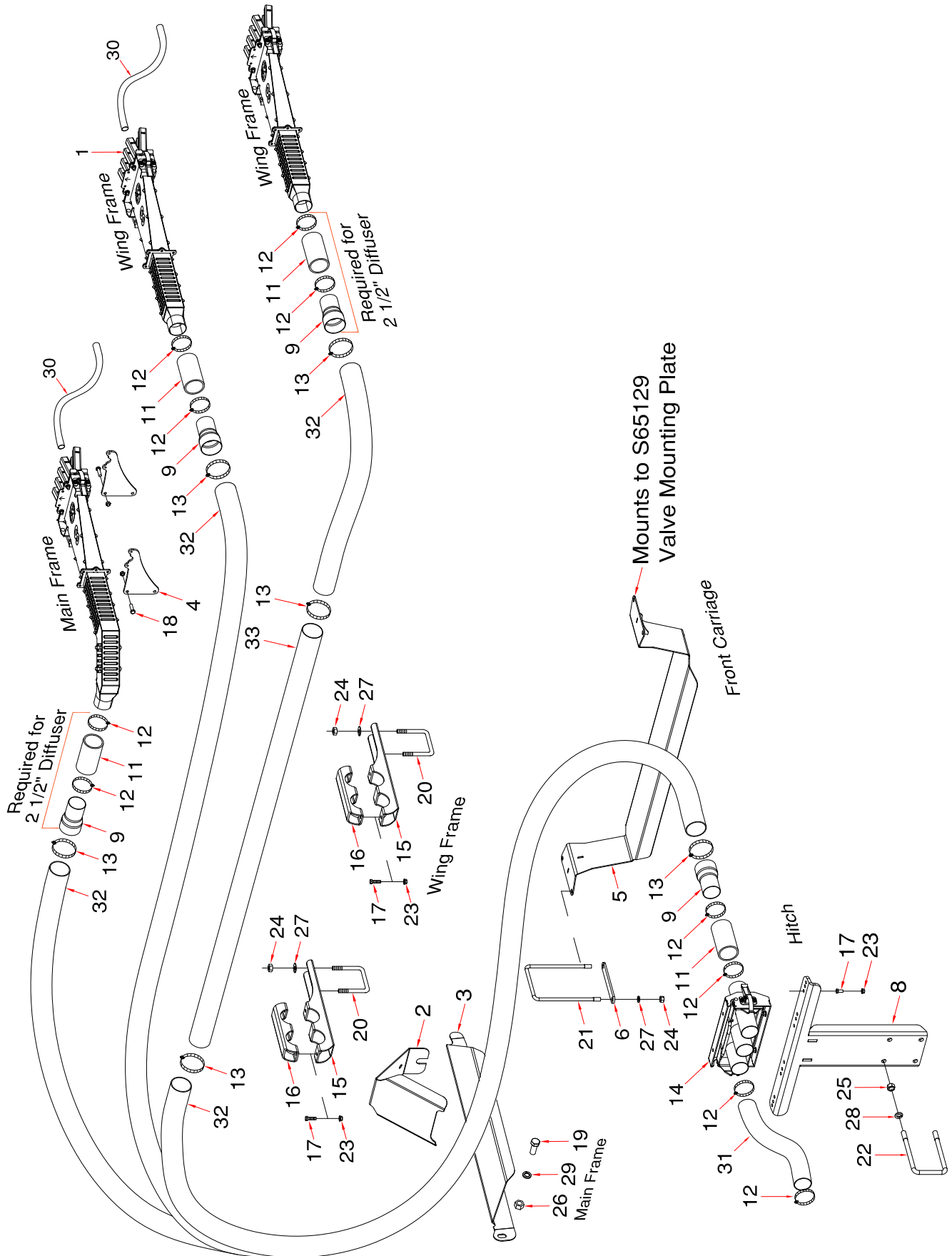
# Single Shoot - Tow Between 40 ft - 12m - 5 primaries - 12 and 15 inch (300 - 380mm) Spacing



## Single Shoot Tow Between - 40 ft - 12m - 5 primaries

| Item | Part No.      | Description                                                                                                                                                                                              | Qty    |
|------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****         | <b>For 12 and 15 inch - 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 5      |
|      |               | <b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet .....                                                                           | 3<br>2 |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                             | 2      |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                | 1      |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                       | 1      |
| 4    | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                 | 1      |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                 | 1      |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                       | 1      |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                            |        |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                            | 1      |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                               | 10     |
| 10   | *****         |                                                                                                                                                                                                          |        |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                     | 10     |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 10) .....                                                                                                                                                | 30     |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                        | 14     |
| 14   | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                | 1      |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                  | 4      |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                            | 4      |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                           | 6      |
| 18   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details)                                                                                                                                   |        |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                           | 2      |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                         | 4      |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                    | 1      |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                         | 2      |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                              | 6      |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                          | 10     |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                          | 4      |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                          | 2      |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                    | 10     |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                    | 4      |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                    | 2      |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . 12"SP-450 ft . . 15"SP-375 ft                                                                                                                              |        |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                      |        |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                             |        |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                           | 70     |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                          | 100    |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                         | 2      |
| 34   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                  | 1      |
| 34A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                            | 1      |

# Single Shoot - Tow Between 40 ft - 12m - 6 primaries - 10 inch (250mm) Spacing

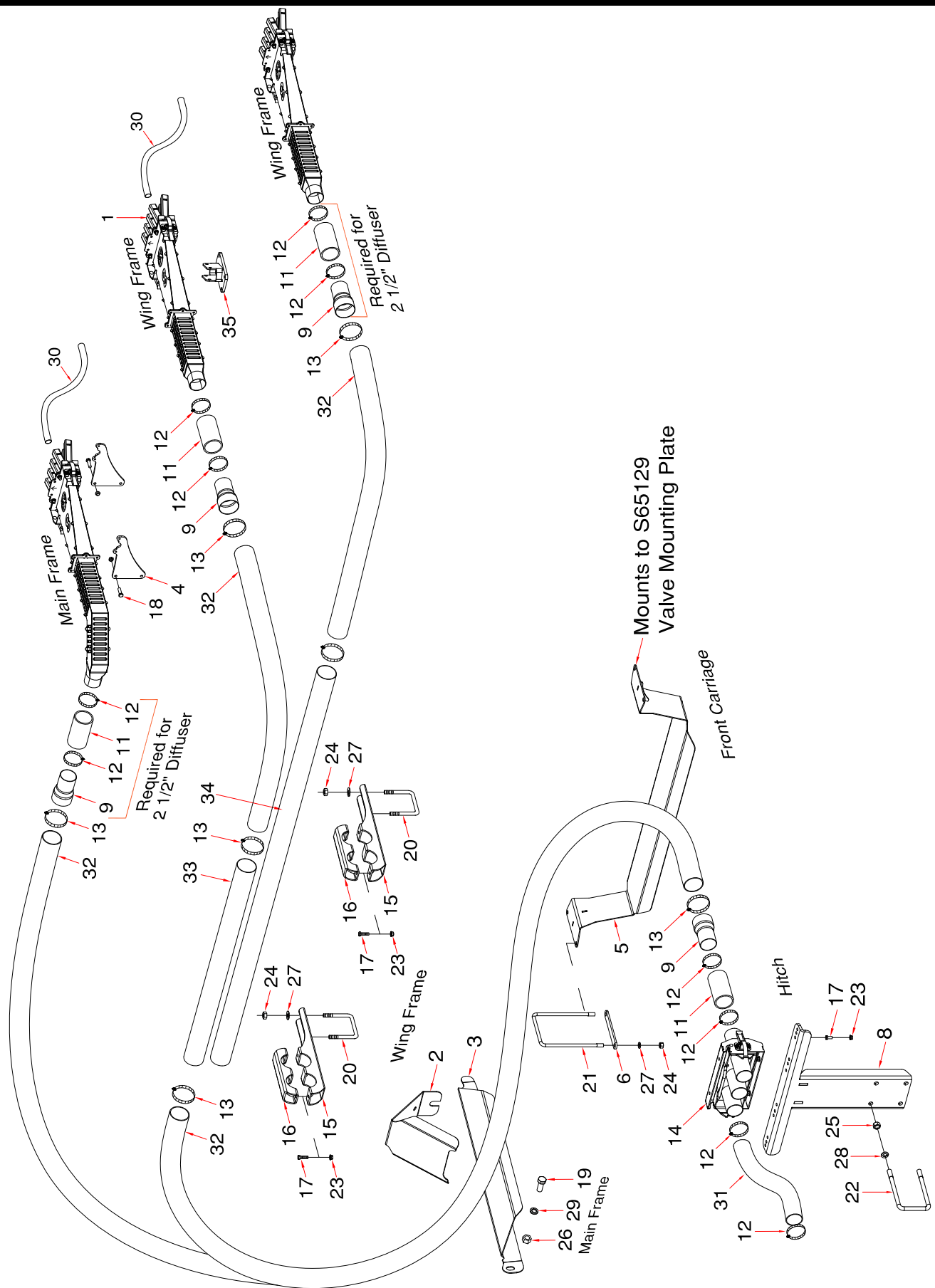




# Single Shoot Tow Between - 40 ft - 12m - 6 primaries

| Item | Part No.      | Description                                                                                                                                                                        | Qty |
|------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | *****         | <b>For 10 inch - 250mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 6   |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                       | 2   |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                          | 1   |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                 | 1   |
| 4    | S65382        | Head Mounting Plate - Main .....                                                                                                                                                   | 4   |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                           | 1   |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                 | 1   |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                      |     |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                      | 1   |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                         | 12  |
| 10   | *****         |                                                                                                                                                                                    |     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                               | 12  |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 12) .....                                                                                                                          | 36  |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                  | 16  |
| 14   | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                          | 2   |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                            | 4   |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                      | 4   |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                     | 12  |
| 18   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg (Refer to Divider Head Assembly for details) .....                                                                                                       | 8   |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                     | 2   |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                   | 4   |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                              | 1   |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                   | 2   |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                        | 12  |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                    | 10  |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                    | 4   |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                    | 2   |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                              | 10  |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                              | 4   |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                              | 2   |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . 10"SP-600 ft .....                                                                                                                   | 600 |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                |     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                       |     |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                     | 84  |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black - (Seed)</b> .....                                                                                                                            | 125 |
| 33   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                   | 2   |

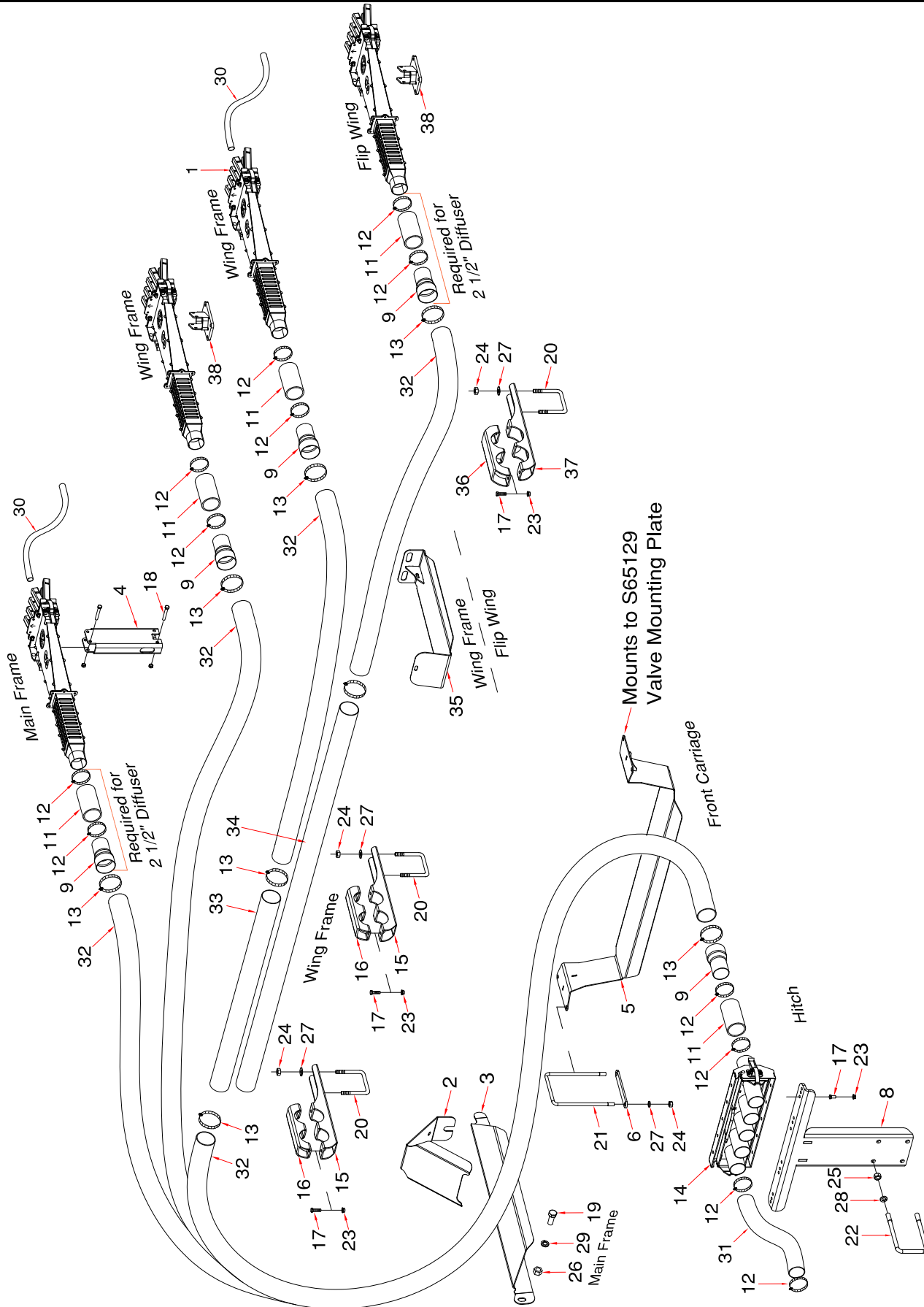
**Single Shoot - Tow Between  
50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing**



# Single Shoot Tow Between - 50 ft - 15m - 6 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                | Qty    |
|------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****         | <b>For 15 inch - 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 2<br>4 |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                               | 2      |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                  | 1      |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                         | 1      |
| 4    | S65382        | Head Mounting Plate - Main .....                                                                                                                                                                                                           | 4      |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                   | 1      |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                                                         | 1      |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                              |        |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                                                              | 1      |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                 | 12     |
| 10   | *****         |                                                                                                                                                                                                                                            |        |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                       | 12     |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 12) .....                                                                                                                                                                                  | 36     |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                          | 20     |
| 14   | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                  | 2      |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                    | 4      |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                              | 4      |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 12     |
| 18   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                               | 8      |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                             | 2      |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                           | 4      |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                      | 1      |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                           | 2      |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                | 12     |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                            | 10     |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                            | 4      |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                            | 2      |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                      | 10     |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                      | 4      |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                      | 2      |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                                                                            | 450    |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                        |        |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                               |        |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                                             | 84     |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - (Seed).....                                                                                                                                                                                     | 125    |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                           | 2      |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                           | 2      |
| 35   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                    | 1      |
| 35A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                              | 1      |

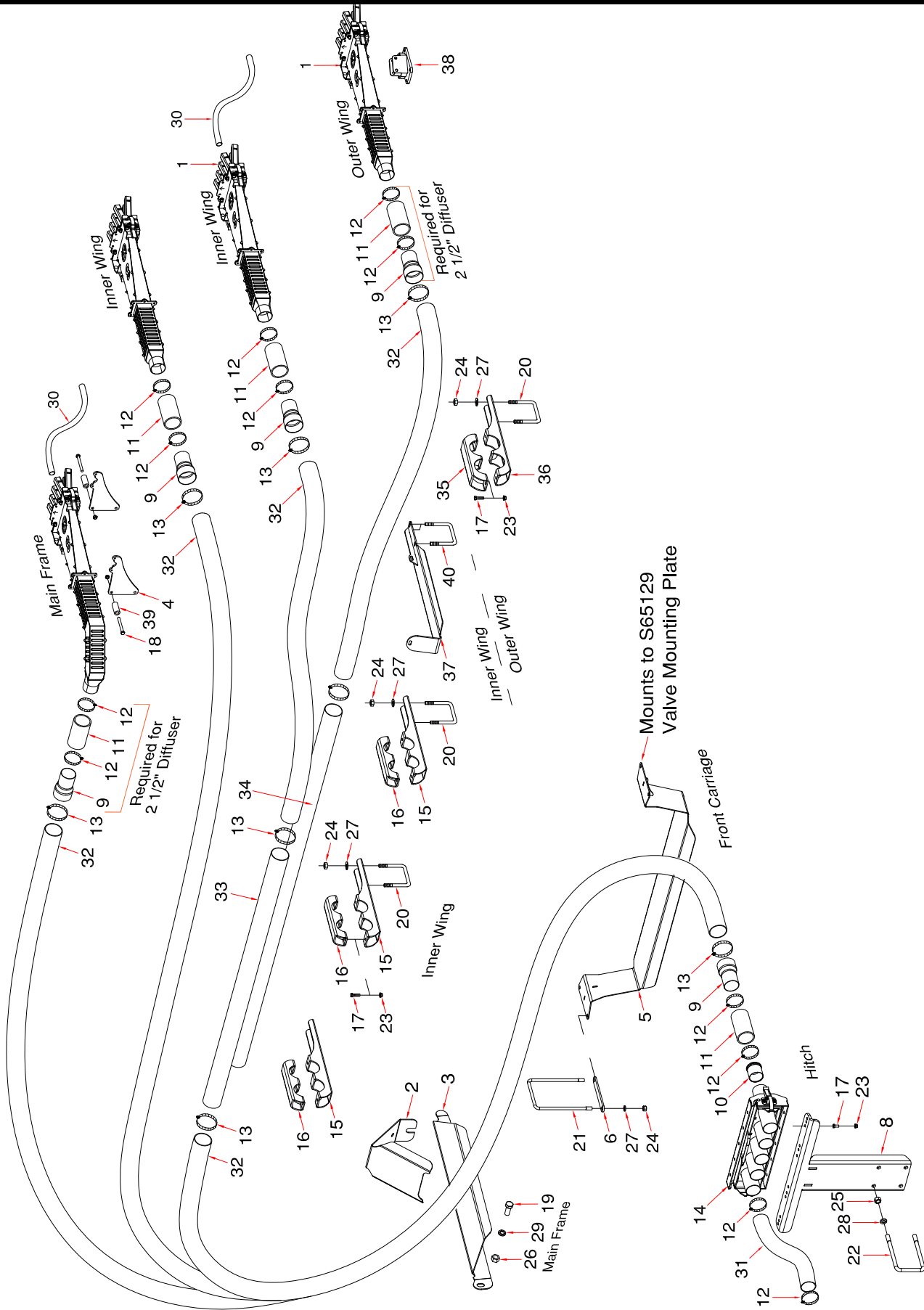
# Single Shoot - Tow Between 50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing



## Single Shoot Tow Between - 50 ft - 15m - 7 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                       | Qty                  |
|------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1    | *****         | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet .....<br><br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet ..... | 3<br>4<br><br>6<br>1 |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                      | 2                    |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                         | 1                    |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                | 1                    |
| 4    | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                          | 1                    |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                          | 1                    |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                                                                                                                                                                                                                | 1                    |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                                                                     |                      |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                                                                     | 1                    |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                        | 14                   |
| 10   | *****         |                                                                                                                                                                                                                                                                                                                                                                                                   |                      |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 14                   |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 14) .....                                                                                                                                                                                                                                                                                                                                         | 42                   |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                 | 22                   |
| 14   | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                         | 2                    |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                           | 4                    |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                     | 4                    |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                    | 16                   |
| 18   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                                                                                                                                                      | 2                    |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                    | 2                    |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                  | 6                    |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                                                                             | 1                    |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                  | 2                    |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                       | 16                   |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                   | 14                   |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                   | 4                    |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                   | 2                    |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                             | 14                   |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                             | 4                    |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                             | 2                    |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-675 ft . . 12"SP-600 ft . .                                                                                                                                                                                                                                                                                                                       |                      |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                               |                      |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                      |                      |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                    | 100                  |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                   | 150                  |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                  | 2                    |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                  | 2                    |
| 35   | N67295        | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                                                                                                                                                             | 2                    |
| 36   | N66374        | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                                  | 2                    |
| 37   | N66375        | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                        | 2                    |
| 38   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                                                                           | 2                    |
| 38A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                                                                     | 2                    |

# Single Shoot - Tow Between 60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing

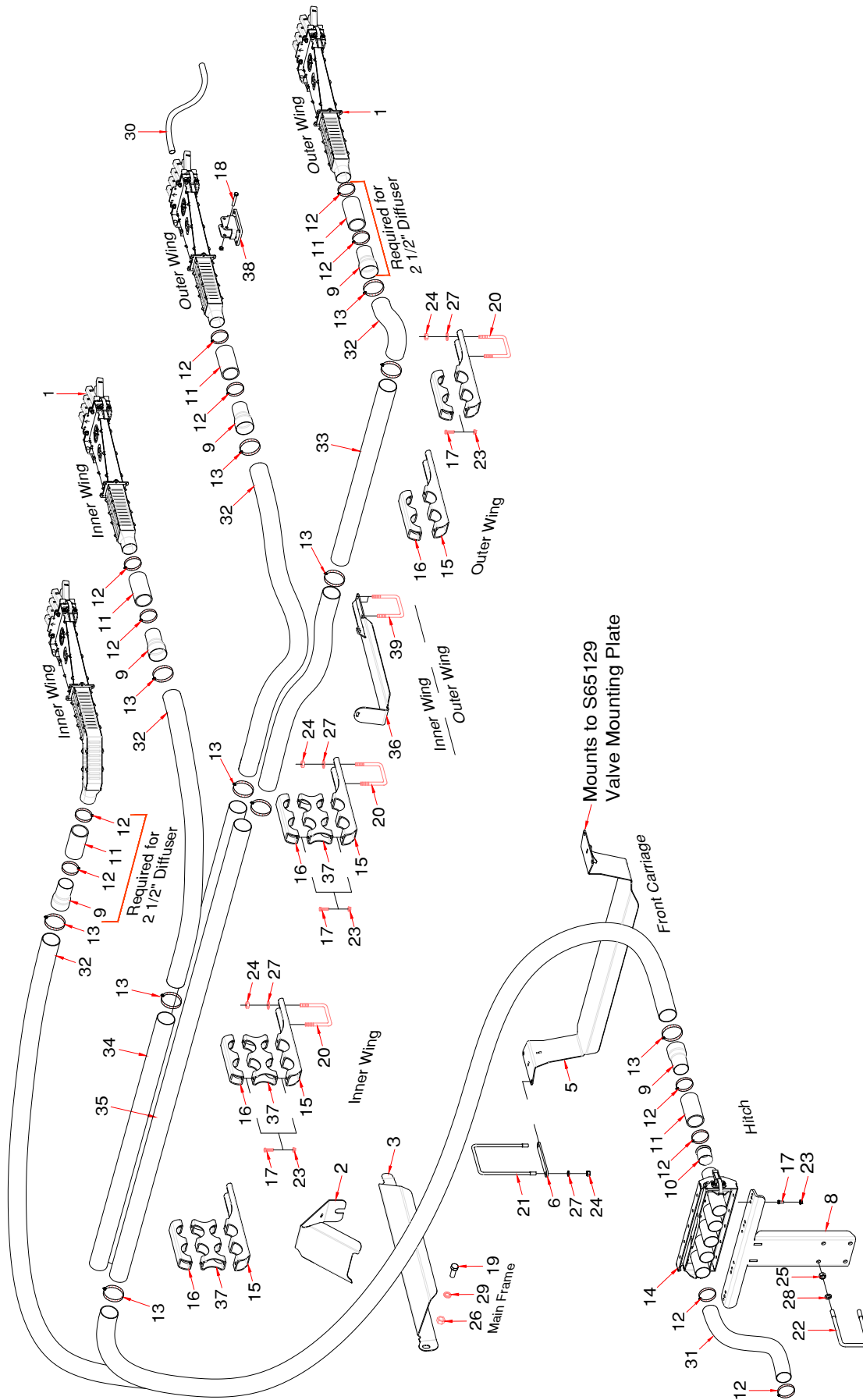


## Single Shoot Tow Between - 60 ft - 18m - 8 primaries

| Item | Part No.      | Description                                                                                                                                                                                                    | Qty    |
|------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... | 8      |
|      |               | <b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet .....                                                                                 | 4<br>4 |
|      |               | <b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....                                                                                                                                    | 8      |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                   | 2      |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                      | 1      |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                             | 1      |
| 4    | S65382        | Head Mounting Plate - Main .....                                                                                                                                                                               | 4      |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                       | 1      |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                             | 1      |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                  |        |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                                  | 1      |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                     | 16     |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                | 0      |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                           | 16     |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 16).....                                                                                                                                                       | 48     |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                              | 24     |
| 14   | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                      | 2      |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing - Wing .....                                                                                                                                                 | 6      |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing - Wing .....                                                                                                                                                           | 6      |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                 | 20     |
| 18   | S-1299        | Hex Bolt - 3/8 x 4 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                   | 8      |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                 | 2      |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                               | 8      |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                          | 1      |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                               | 2      |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                    | 20     |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                | 18     |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                | 4      |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                | 2      |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                          | 18     |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                          | 4      |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                          | 2      |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-825 ft . . 12"SP-675 ft . . 15"SP-600 ft .....                                                                                                                 |        |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                            |        |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                   |        |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                 | 125    |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - (Seed).....                                                                                                                                                         | 175    |
| 33   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                               | 2      |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                               | 2      |
| 35   | N66374        | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                               | 2      |
| 36   | N66375        | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                     | 2      |
| 37   | N66395        | Primary Hose Guide Plate - Wing .....                                                                                                                                                                          | 2      |
| 38   | N67200        | Head Mounting Bracket - 30 Degree - Left (shown) .....                                                                                                                                                         | 1      |
| 38A  | N67202        | Head Mounting Bracket - 30 Degree - Right .....                                                                                                                                                                | 1      |
| 39   | N50842        | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg .....                                                                                                                                                                   | 8      |
| 40   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                       | 8      |



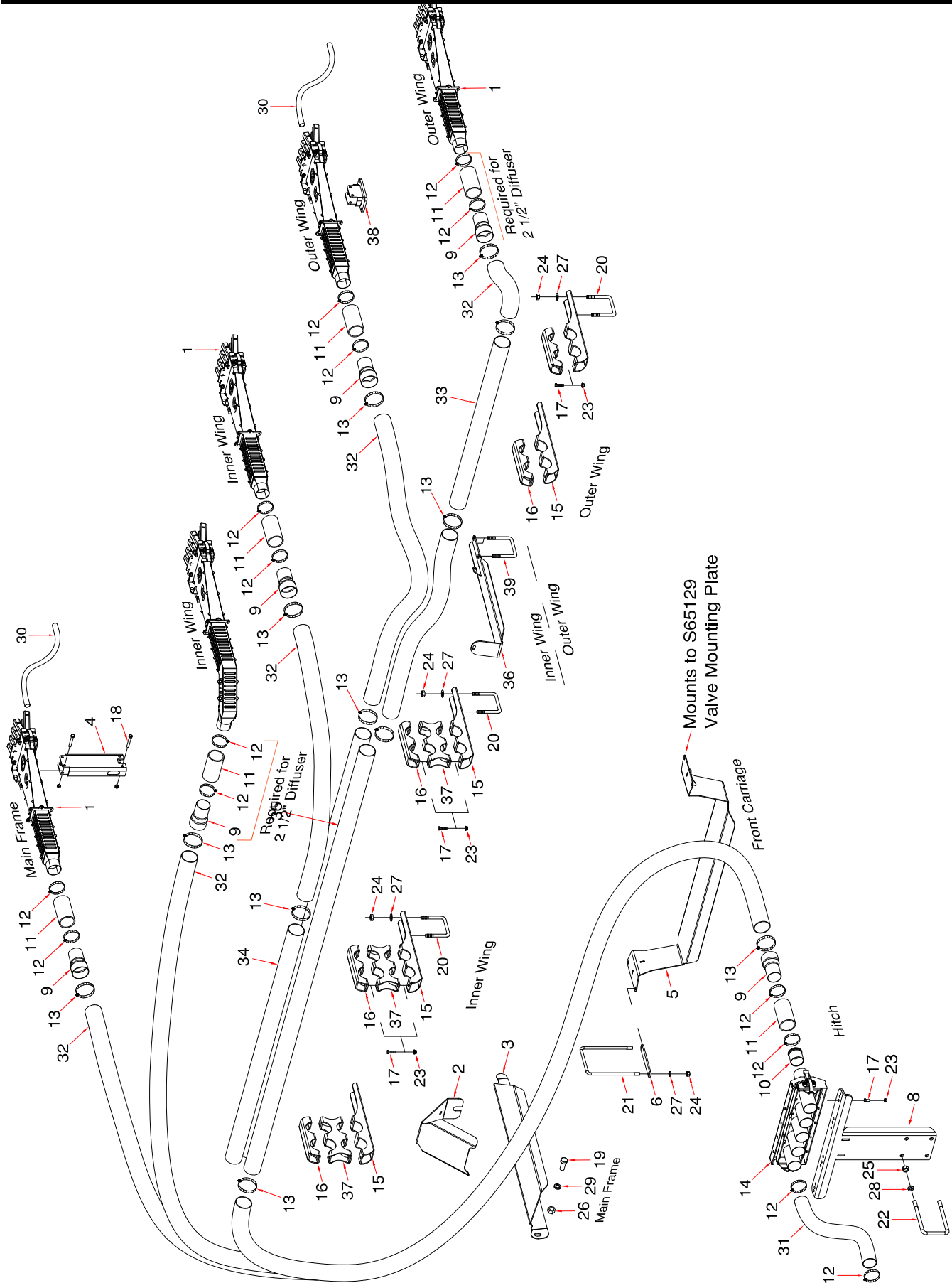
# Single Shoot - Tow Between 70 ft - 21m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing



# Single Shoot Tow Between - 70 ft - 21m - 8 primaries

| Item | Part No.      | Description                                                                                    | Qty |
|------|---------------|------------------------------------------------------------------------------------------------|-----|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b>                                 |     |
| 1    | *****         | Divider Head Assembly (Refer to Divider Head Assembly for details)                             |     |
|      |               | 10" spacing uses:                                                                              |     |
|      |               | N66510 - Divider Head Assembly - 10 Outlet.....                                                | 4   |
|      |               | ***** - Divider Head Assembly - 11 Outlet .....                                                | 4   |
|      |               | 12" spacing uses:                                                                              |     |
|      |               | N66508 - Divider Head Assembly - 8 Outlet .....                                                | 2   |
|      |               | N66509 - Divider Head Assembly - 9 Outlet .....                                                | 6   |
|      |               | 15" spacing uses:                                                                              |     |
|      |               | N66507 - Divider Head Assembly - 7 Outlet .....                                                | 8   |
| 2    | S67250        | Primary Hose Deflector .....                                                                   | 2   |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                      | 1   |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                             | 1   |
| 4    | *****         |                                                                                                |     |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                       | 1   |
| 6    | N67274        | Spacer Plate .....                                                                             | 1   |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                  |     |
| 8    | N66234        | Coupler Tower - Between .....                                                                  | 1   |
| 9    | N64095        | Primary Hose Adapter .....                                                                     | 16  |
| 10   | N37920        | Equalizer .....                                                                                | 0   |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                           | 16  |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 18).....                                       | 50  |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                              | 32  |
| 14   | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                      | 2   |
| 15   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                 | 10  |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                           | 10  |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                 | 36  |
| 18   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                   | 2   |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                 | 2   |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                               | 10  |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                          | 1   |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                               | 2   |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                    | 36  |
| 24   | W-516         | Hex Nut - 1/2.....                                                                             | 22  |
| 25   | W-517         | Hex Nut - 5/8.....                                                                             | 4   |
| 26   | W-518         | Hex Nut - 3/4.....                                                                             | 2   |
| 27   | W-525         | Lockwasher - 1/2.....                                                                          | 22  |
| 28   | W-526         | Lockwasher - 5/8.....                                                                          | 4   |
| 29   | W-527         | Lockwasher - 3/4.....                                                                          | 2   |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-975 ft . . 12"SP-825 ft . . 15"SP-675 ft ..... |     |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                            |     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                   |     |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                 | 125 |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                | 200 |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                               | 2   |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                               | 2   |
| 35   | N64096        | Primary Pipe SS - 3 x 120 Lg.....                                                              | 4   |
| 36   | N66395        | Primary Hose Guide Plate.....                                                                  | 2   |
| 37   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                 | 6   |
| 38   | N67640        | Head Mounting Bracket - Straight .....                                                         | 2   |
| 39   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                       | 8   |

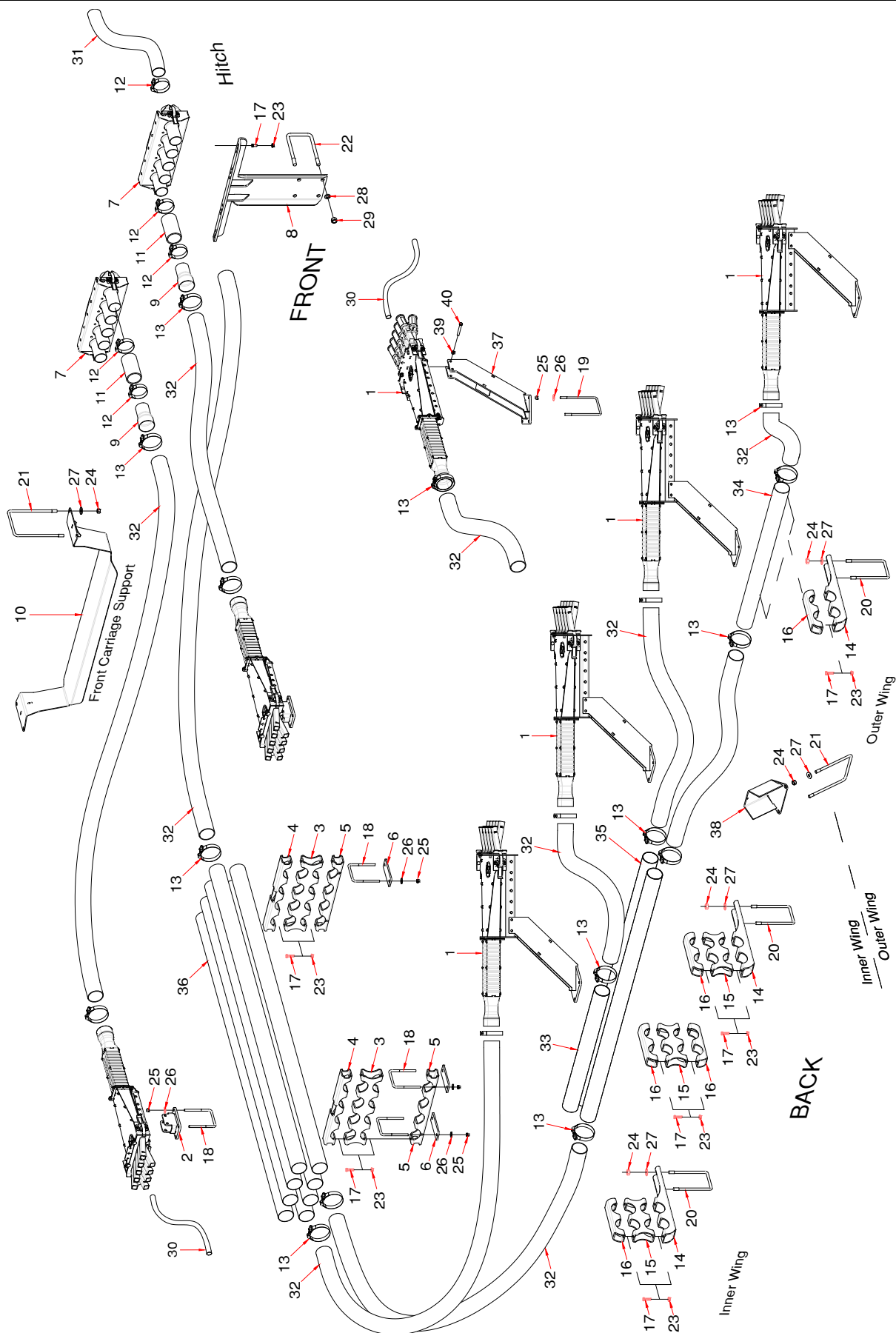
# Single Shoot - Tow Between 70 ft - 21m - 9 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing



## Single Shoot Tow Between - 70 ft - 21m - 9 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Qty |
|------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 6<br>N66510 - Divider Head Assembly - 10 Outlet..... 3<br><br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 2<br>N66508 - Divider Head Assembly - 8 Outlet ..... 7<br><br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 7<br>N66507 - Divider Head Assembly - 7 Outlet ..... 2 |     |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2   |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1   |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1   |
| 4    | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1   |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1   |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1   |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18  |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0   |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 18  |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 18).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 54  |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 (Range 3 1/8 - 3 3/4) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 34  |
| 14   | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2   |
| 15   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10  |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10  |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 36  |
| 18   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2   |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2   |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10  |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1   |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2   |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 36  |
| 24   | W-516         | Hex Nut - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22  |
| 25   | W-517         | Hex Nut - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4   |
| 26   | W-518         | Hex Nut - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2   |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 22  |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4   |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2   |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-975 ft . . 12"SP-825 ft . . 15"SP-675 ft .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 125 |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - (Seed).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 200 |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2   |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2   |
| 35   | N64096        | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4   |
| 36   | N66395        | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2   |
| 37   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6   |
| 38   | N67640        | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2   |
| 39   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8   |

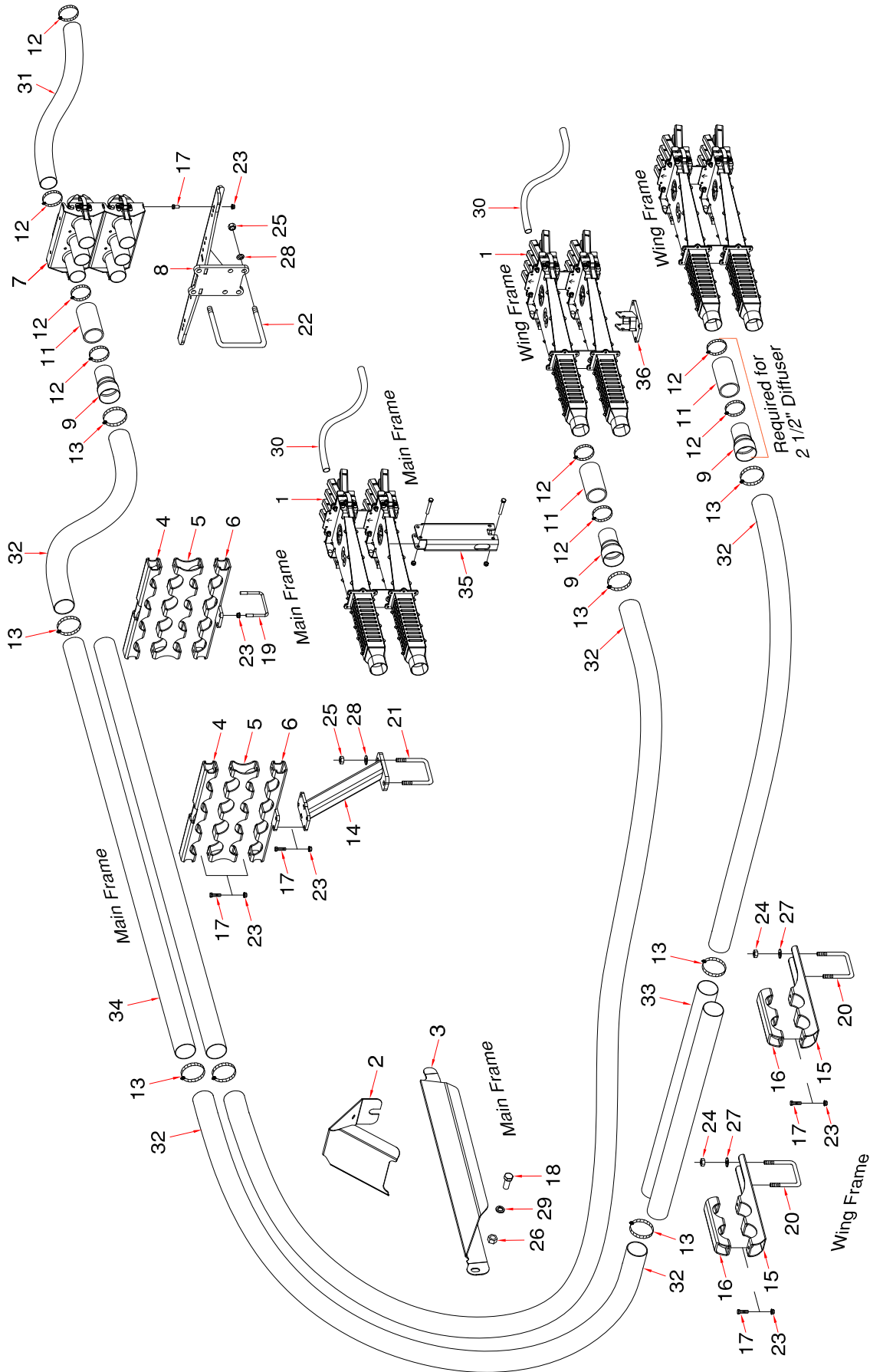
**Single Shoot - Tow Between  
80 ft - 24m - 10 primaries - 10 and 12 inch (250 - 300) Spacing**



# Single Shoot - Tow Between - 80 ft - 24m - 10 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                               | Qty   |
|------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****         | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: 97 runs</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 3<br>N66510 - Divider Head Assembly - 10 Outlet..... 7<br><br><b>12" spacing uses: 82 runs</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... 8<br>N66509 - Divider Head Assembly - 9 Outlet ..... 2 |       |
| 2    | N67640        | Head Mounting Bracket - Straight.....                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 3    | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 5    | N72833        | Distribution Pipe Clamp - Front Carriage .....                                                                                                                                                                                                                                                                                                                                                                            | 2     |
| 6    | N72834        | Clamp Plat - Main .....                                                                                                                                                                                                                                                                                                                                                                                                   | 4     |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                 | 4     |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                              | 1     |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                | 20    |
| 10   | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                  | 1     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                      | 20    |
| 12   | N73068        | Hose Clamp -T-Bolt - 2 9/16 - 2 7/8 .....                                                                                                                                                                                                                                                                                                                                                                                 | 40    |
| 13   | N73077        | Hose Clamp -T-Bolt - 3 .....                                                                                                                                                                                                                                                                                                                                                                                              | 48    |
| 14   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                            | 8     |
| 15   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                            | 6     |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                      | 12    |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                            | 40    |
| 18   | N15098        | U-Bolt - 3/8 x 4 x 5 UL.....                                                                                                                                                                                                                                                                                                                                                                                              | 8     |
| 19   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                  | 16    |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                          | 8     |
| 21   | H21437        | U-Bolt - 1/2 x 6 x 9 UL.....                                                                                                                                                                                                                                                                                                                                                                                              | 4     |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                               | 40    |
| 24   | S47110        | Lock Nut - 1/2 Center Lock .....                                                                                                                                                                                                                                                                                                                                                                                          | 28    |
| 25   | 10229         | Locknut - 3/8 Nylock .....                                                                                                                                                                                                                                                                                                                                                                                                | 48    |
| 26   | W-538         | Flat Washer - 7/16.....                                                                                                                                                                                                                                                                                                                                                                                                   | 48    |
| 27   | S-766         | Flat Washer - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                    | 28    |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                     | 8     |
| 29   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                           | 8     |
| 30   | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025 .....                                                                                                                                                                                                                                                                                                                                                                 | 21    |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                              |       |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                                            | 150ft |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> .....                                                                                                                                                                                                                                                                                                                                                                            | 200ft |
| 33   | S72398        | Primary Pipe SS - 3 x 36 Lg.....                                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 34   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 35   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 36   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                          | 8     |
| 37   | S72391        | Mount Bracket .....                                                                                                                                                                                                                                                                                                                                                                                                       | 8     |
| 38   | S72979        | Hose Guard.....                                                                                                                                                                                                                                                                                                                                                                                                           | 2     |
| 39   | M-3388        | Locknut - 3/8 Unitorque.....                                                                                                                                                                                                                                                                                                                                                                                              | 20    |
| 40   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                                                                                                                                                                                                                                                                                                                                            | 20    |

**Dual Shoot - Stacked Heads - Tow Behind - Prior to 2023**  
**40 ft - 12m - 5 primaries - 12 and 15 inch (300 - 380mm) Spacing**

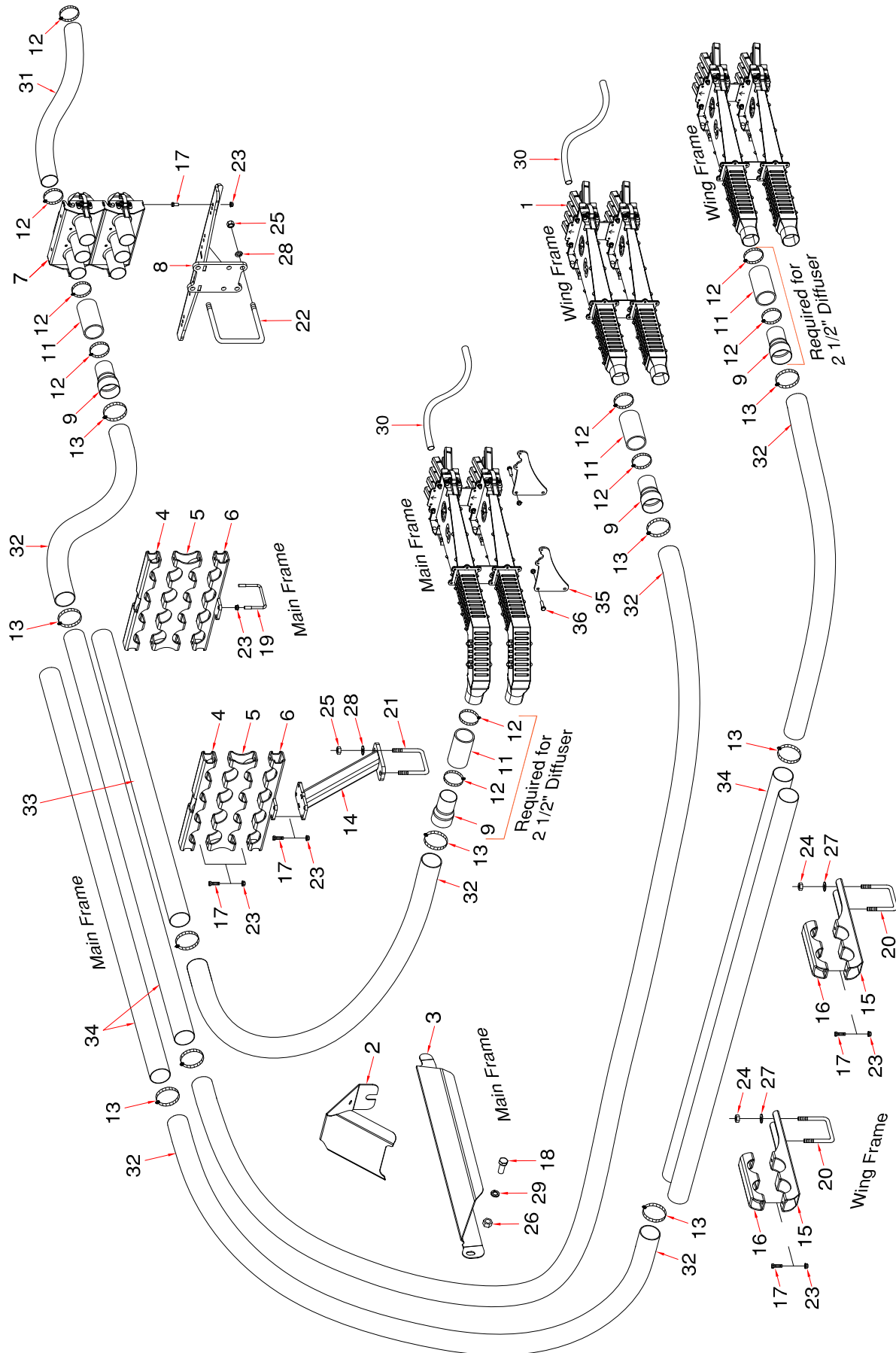




# Dual Shoot Stacked Heads Tow Behind - 40 ft - 12m - 5 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                    | Qty              |
|------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1    | *****    | <b>For 12 and 15 inch - 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br><br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 10<br><br>6<br>4 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                   | 2                |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                      | 1                |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                             | 1                |
| 4    | N66321   | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                           | 4                |
| 5    | N66322   | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                          | 4                |
| 6    | N66335   | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                   | 4                |
| 7    | *****    | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                      | 4                |
| 8    | N53203   | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                   | 1                |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                     | 20               |
| 10   | *****    |                                                                                                                                                                                                                                                                                                                                                |                  |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                           | 20               |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 20).....                                                                                                                                                                                                                                                                                       | 60               |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                              | 44               |
| 14   | N66325   | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                           | 2                |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                        | 4                |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                  | 4                |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                 | 40               |
| 18   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                 | 2                |
| 19   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                               | 4                |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                               | 4                |
| 21   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                               | 2                |
| 22   | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                               | 2                |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                    | 48               |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                | 8                |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                | 8                |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                | 2                |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                          | 8                |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                          | 8                |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                          | 2                |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . .12"SP-900 ft . . .15"SP-750 ft .....                                                                                                                                                                                                                                                            |                  |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                   | 200              |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                                                                                                                            | 175              |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                               | 4                |
| 34   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                               | 8                |
| 35   | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                       | 1                |
| 36   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                        | 1                |
| 36A  | N67200   | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                  | 1                |

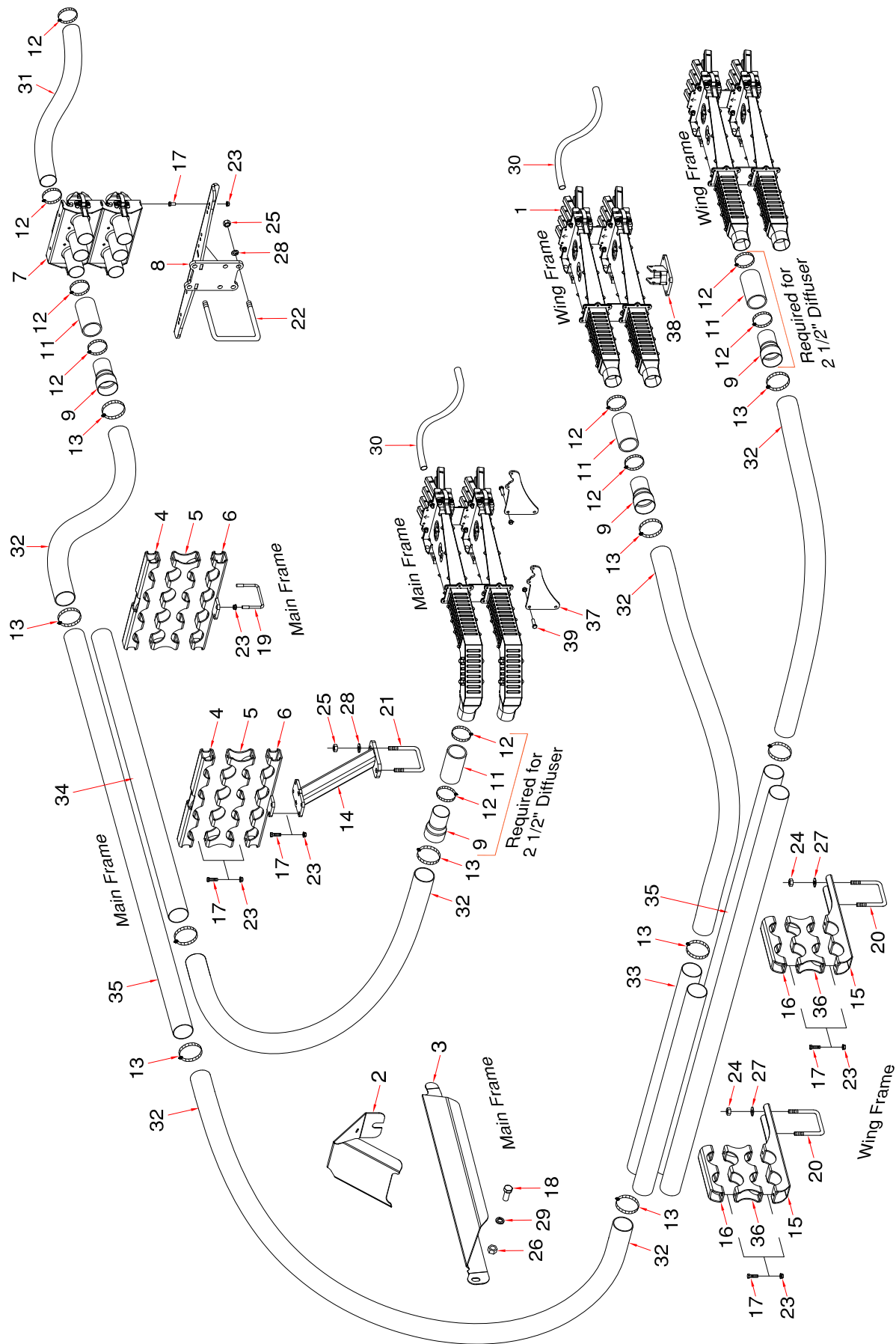
**Dual Shoot - Stacked Heads - Tow Behind - Prior to 2023**  
**40 ft - 12m - 6 primaries - 10 inch (250mm) Spacing**



## Dual Shoot Stacked Heads Tow Behind - 40 ft -12m - 6 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                             | Qty  |
|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | *****    | <b>For 10 inch - 250mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 12   |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                            | 2    |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                               | 1    |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                      | 1    |
| 4    | N66321   | Distribution Pipe Clamp - Main .....                                                                                                                                                    | 4    |
| 5    | N66322   | Distribution Pipe Spacer - Main .....                                                                                                                                                   | 4    |
| 6    | N66335   | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                            | 4    |
| 7    | *****    | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                               | 4    |
| 8    | N53203   | Coupler Tower - Behind .....                                                                                                                                                            | 1    |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                              | 24   |
| 10   | *****    |                                                                                                                                                                                         |      |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                    | 24   |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                                | 72   |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                       | 54   |
| 14   | N66325   | Distribution Pipe Stand - Main .....                                                                                                                                                    | 2    |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                 | 4    |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                           | 4    |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                          | 40   |
| 18   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                          | 2    |
| 19   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                        | 4    |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                        | 4    |
| 21   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                        | 2    |
| 22   | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                        | 2    |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                             | 48   |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                         | 8    |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                         | 8    |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                         | 2    |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                   | 8    |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                   | 8    |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                   | 2    |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                         | 1125 |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                            | 250  |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                     | 175  |
| 33   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                        | 4    |
| 34   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                        | 12   |
| 35   | S65382   | Head Mounting Plate - Main .....                                                                                                                                                        | 4    |
| 36   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                          | 8    |

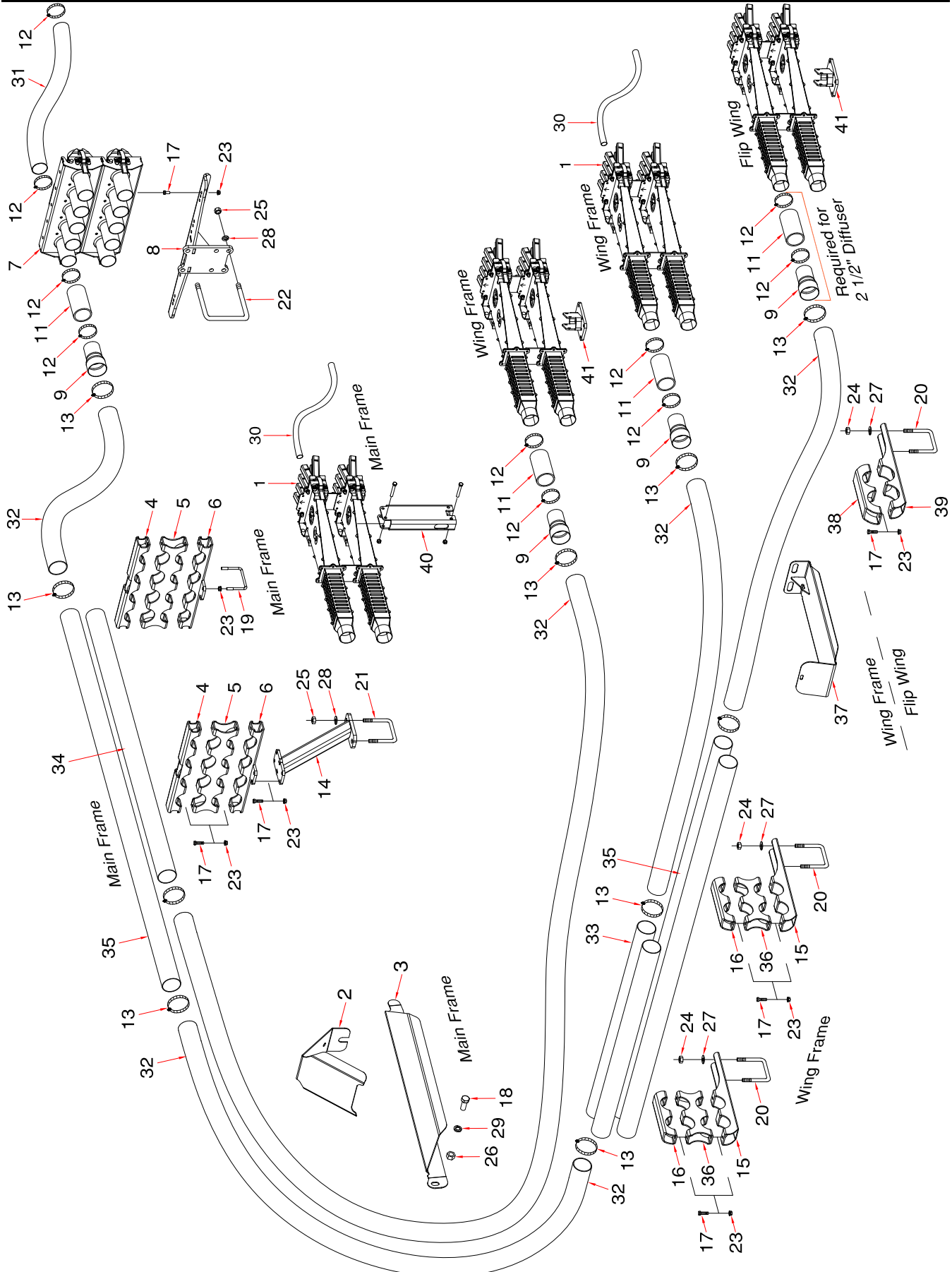
**Dual Shoot - Stacked Heads - Tow Behind - Prior to 2023**  
**50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing**



# Dual Shoot Stacked Heads Tow Behind - 50 ft - 15m - 6 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                | Qty    |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****    | <b>For 15 inch - 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 4<br>8 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                               | 2      |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                  | 1      |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                         | 1      |
| 4    | N66321   | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                       | 4      |
| 5    | N66322   | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                      | 4      |
| 6    | N66335   | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                               | 4      |
| 7    | *****    | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                  | 4      |
| 8    | N53203   | Coupler Tower - Behind .....                                                                                                                                                                                                               | 1      |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                 | 24     |
| 10   | *****    |                                                                                                                                                                                                                                            |        |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                       | 24     |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                                                                                   | 72     |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                          | 64     |
| 14   | N66325   | Distribution Pipe Stand - Main .....                                                                                                                                                                                                       | 2      |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                    | 4      |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                              | 4      |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 44     |
| 18   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                             | 2      |
| 19   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                           | 4      |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                           | 4      |
| 21   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                           | 2      |
| 22   | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                           | 2      |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                | 52     |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                            | 8      |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                            | 8      |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                            | 2      |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                      | 8      |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                      | 8      |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                      | 2      |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                                                                            | 900    |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                                               | 250    |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                        | 300    |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                           | 4      |
| 34   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                           | 4      |
| 35   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                           | 12     |
| 36   | N66358   | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                             | 4      |
| 37   | S65382   | Head Mounting Plate - Main .....                                                                                                                                                                                                           | 4      |
| 38   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                    | 1      |
| 38A  | N67200   | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                              | 1      |
| 39   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 8      |

# **Dual Shoot - Stacked Heads - Tow Behind - Prior to 2023** **50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing**

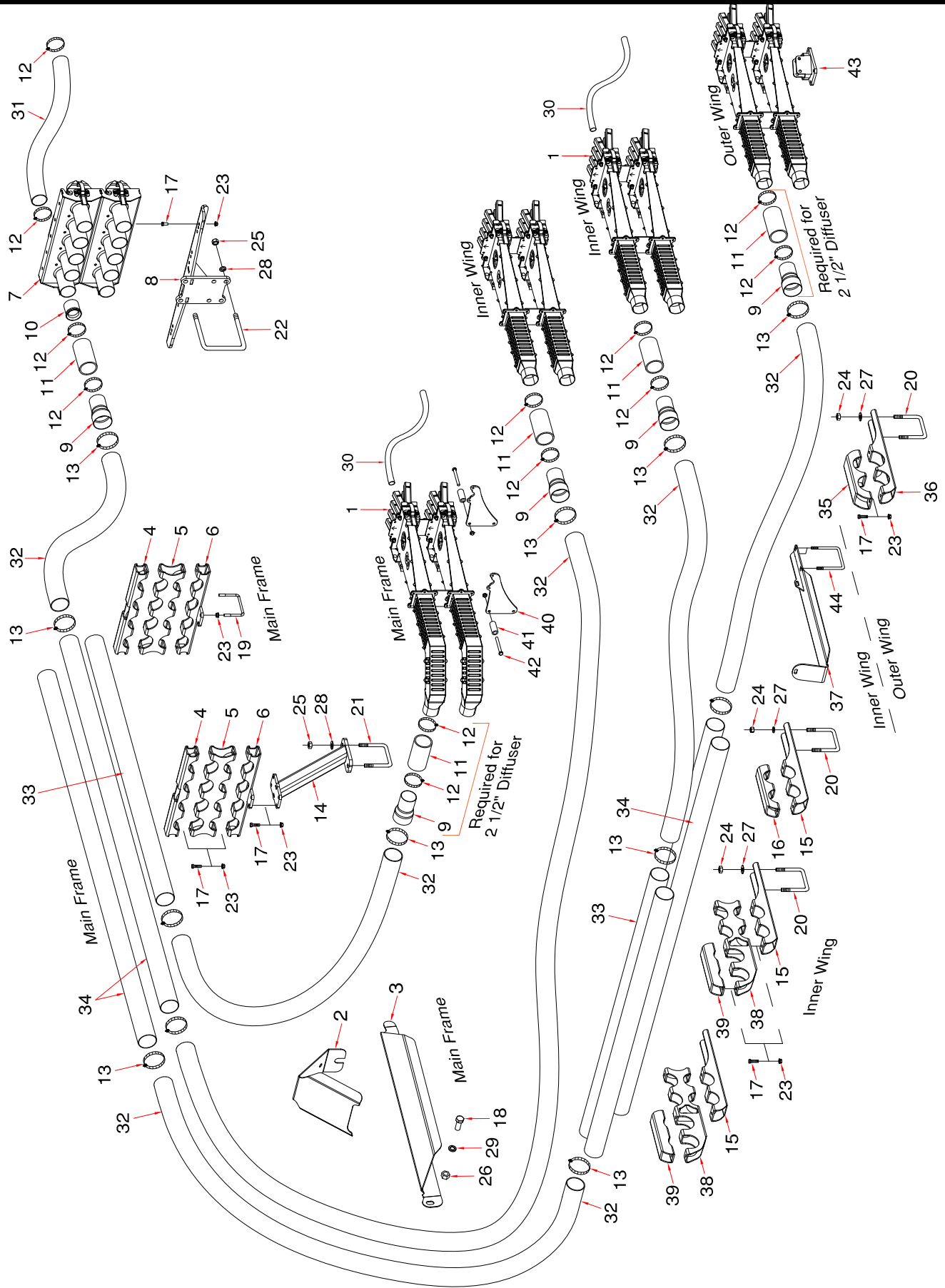


## Dual Shoot Stacked Heads Tow Behind - 50 ft - 15m - 7 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                   | Qty                   |
|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | *****    | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet .....<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet ..... | 6<br>8<br><br>12<br>2 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                  | 2                     |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                     | 1                     |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                            | 1                     |
| 4    | N66321   | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                          | 4                     |
| 5    | N66322   | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                         | 4                     |
| 6    | N66335   | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                  | 4                     |
| 7    | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                     | 4                     |
| 8    | N53203   | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                  | 1                     |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                    | 28                    |
| 10   | *****    |                                                                                                                                                                                                                                                                                                                                                                                               |                       |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                          | 28                    |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 ( <b>Air Cart side uses 28</b> ) .....                                                                                                                                                                                                                                                                                                                            | 84                    |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                             | 68                    |
| 14   | N66325   | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                          | 2                     |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                       | 4                     |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                 | 4                     |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                | 48                    |
| 18   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                | 2                     |
| 19   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                              | 4                     |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                              | 12                    |
| 21   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                              | 2                     |
| 22   | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                              | 2                     |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                   | 56                    |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                               | 24                    |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                               | 8                     |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                               | 2                     |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                         | 24                    |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                         | 8                     |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                         | 2                     |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . . 10"SP-1350 ft . . . 12"SP-1125 ft                                                                                                                                                                                                                                                                                                             |                       |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                  | 300                   |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                                                                                                                                                                           | 300                   |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 4                     |
| 34   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 4                     |
| 35   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 12                    |
| 36   | N66358   | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                | 4                     |
| 37   | N67295   | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                                                                                                                                                         | 2                     |
| 38   | N66374   | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                              | 2                     |
| 39   | N66375   | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                    | 2                     |
| 40   | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                      | 1                     |
| 41   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                                                                       | 1                     |
| 41A  | N67200   | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                                                                 | 1                     |



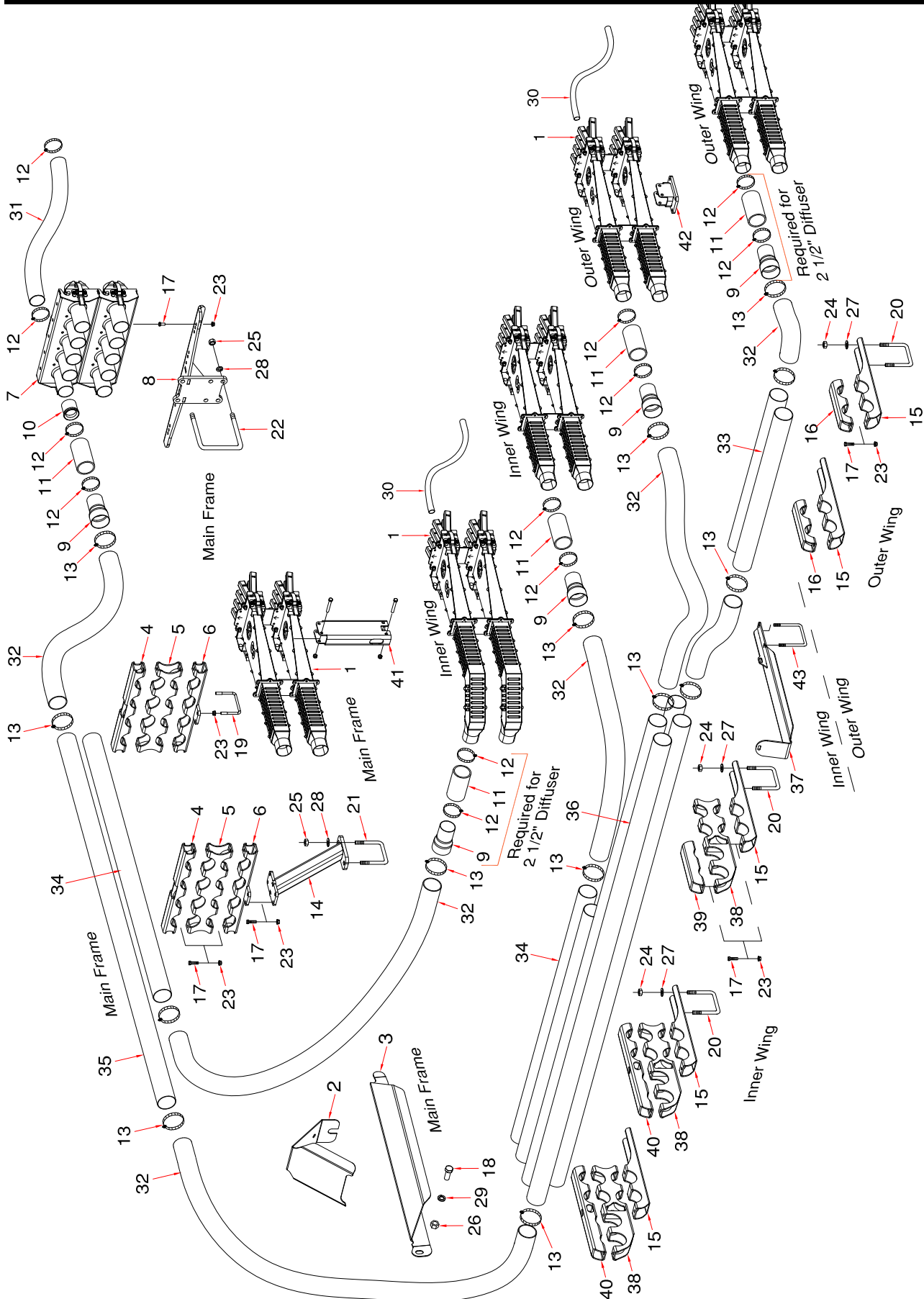
**Dual Shoot - Stacked Heads - Tow Behind - Prior to 2023**  
**60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**



# Dual Shoot Stacked Heads Tow Behind - 60 ft - 18m - 8 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | Qty                        |
|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 1    | *****    | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet .....<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet .....<br><b>15" spacing uses 8 # 6 heads</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... | 16<br><br>8<br>8<br><br>16 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                          |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                       | 1                          |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                              | 1                          |
| 4    | N66321   | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                                            | 4                          |
| 5    | N66322   | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                                                           | 4                          |
| 6    | N66335   | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                                                                    | 4                          |
| 7    | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                       | 4                          |
| 8    | N53203   | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                          |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                      | 32                         |
| 10   | N37920   | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                          |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                            | 32                         |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 32).....                                                                                                                                                                                                                                                                                                                                                                                        | 96                         |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                               | 80                         |
| 14   | N66325   | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                                                                            | 2                          |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing - Wing .....                                                                                                                                                                                                                                                                                                                                                                                  | 6                          |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing - Wing .....                                                                                                                                                                                                                                                                                                                                                                                            | 2                          |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                  | 52                         |
| 18   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                          |
| 19   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                | 4                          |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                | 8                          |
| 21   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                | 2                          |
| 22   | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                | 2                          |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                     | 60                         |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16                         |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8                          |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                          |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                           | 16                         |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                           | 8                          |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                          |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1650 ft . 12"SP-1350 ft . 15"SP-1125 ft .                                                                                                                                                                                                                                                                                                                                                       |                            |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                                                                    | 325                        |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                                                                                                                                                                                                                             | 275                        |
| 33   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                | 8                          |
| 34   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                | 16                         |
| 35   | N66374   | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                                                                                | 2                          |
| 36   | N66375   | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                                                                      | 2                          |
| 37   | N66395   | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                           | 2                          |
| 38   | N66775   | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                  | 4                          |
| 39   | N66855   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                   | 4                          |
| 40   | S65382   | Head Mounting Plate - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                | 4                          |
| 41   | N50842   | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                    | 8                          |
| 42   | S-1299   | Hex Bolt - 3/8 x 4 1/2 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                  | 8                          |
| 43   | N67200   | Head Mounting Bracket - 30 Degree - Left (shown) .....                                                                                                                                                                                                                                                                                                                                                                                          | 1                          |
| 43A  | N67202   | Head Mounting Bracket - 30 Degree - Right .....                                                                                                                                                                                                                                                                                                                                                                                                 | 1                          |
| 44   | N19723   | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                        | 8                          |

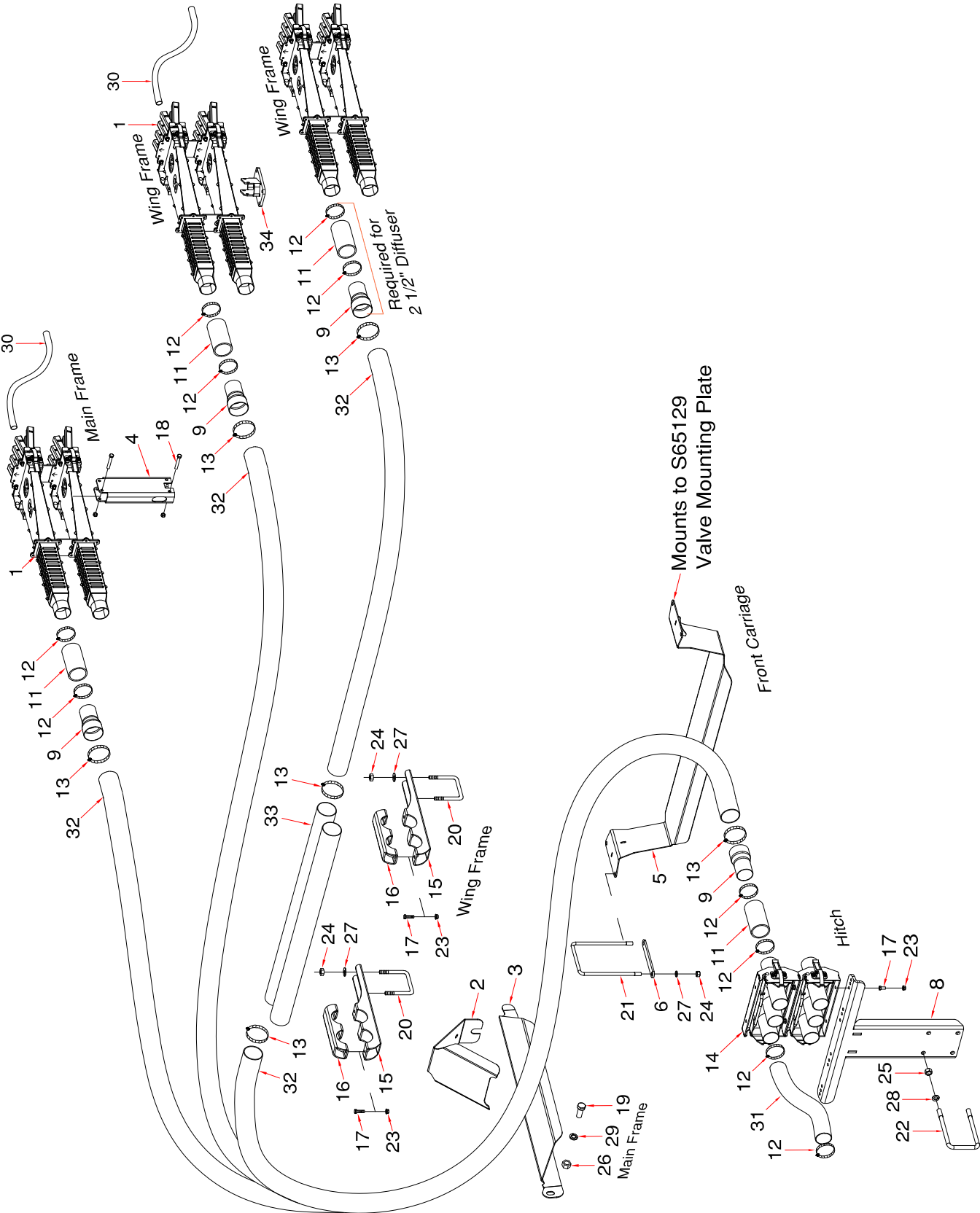
**Dual Shoot - Stacked Heads - Tow Behind - Prior to 2023**  
**70 ft - 21m - 9 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**



## Dual Shoot Stacked Heads Tow Behind - 70 ft - 21m - 9 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Qty                                   |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 1    | *****    | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet .....<br>N66510 - Divider Head Assembly - 10 Outlet.....<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet .....<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 12<br>6<br><br>4<br>14<br><br>14<br>4 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                     |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                     |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                     |
| 4    | N66321   | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4                                     |
| 5    | N66322   | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                     |
| 6    | N66335   | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4                                     |
| 7    | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                                     |
| 8    | N53203   | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                     |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 36                                    |
| 10   | N37920   | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0                                     |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 36                                    |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 36).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 108                                   |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 112                                   |
| 14   | N66325   | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2                                     |
| 15   | N66339   | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                    |
| 16   | N66359   | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4                                     |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 64                                    |
| 18   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                     |
| 19   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                     |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10                                    |
| 21   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                     |
| 22   | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                     |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 72                                    |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20                                    |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8                                     |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                     |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20                                    |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8                                     |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                     |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1875 ft . 12"SP-1500 ft . 15"SP-1275 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                       |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 375                                   |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 350                                   |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                     |
| 34   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8                                     |
| 35   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                    |
| 36   | N64096   | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8                                     |
| 37   | N66395   | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                     |
| 38   | N66775   | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6                                     |
| 39   | N66855   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                     |
| 40   | N66860   | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                     |
| 41   | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                     |
| 42   | N67640   | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                     |
| 43   | N19723   | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8                                     |

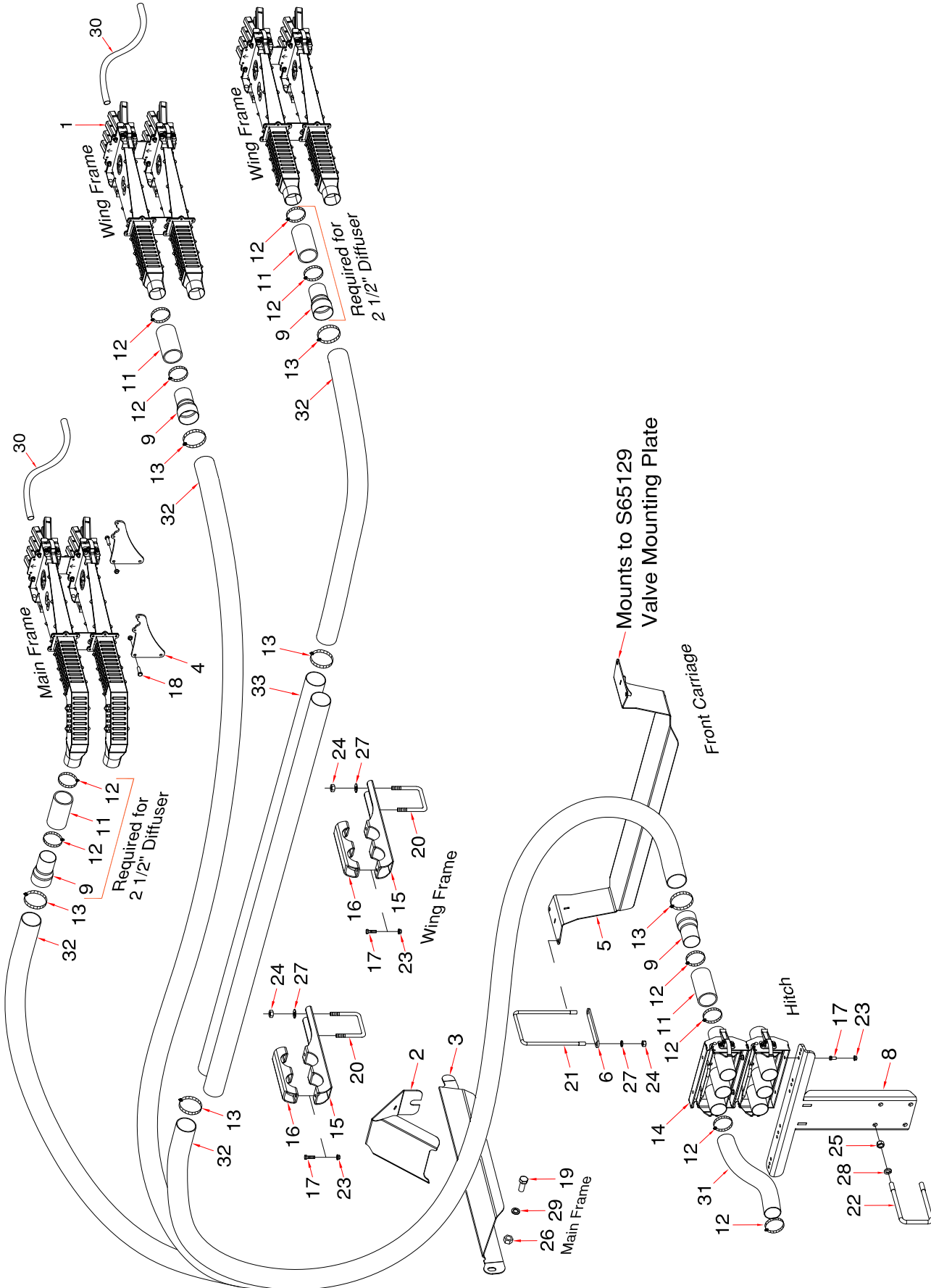
**Dual Shoot - Stacked Heads - Tow Between - Prior to 2023**  
**40 ft - 12m - 5 primaries - 12 and 15 inch (300 - 380mm) Spacing**



## Dual Shoot Stacked Heads Tow Between - 40 ft - 12m - 5 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                           | Qty |
|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | *****    | <b>For 12 and 15 inch - 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... 10<br><br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 6<br>N66507 - Divider Head Assembly - 7 Outlet ..... 4 |     |
| 2    | S67250   | Primary Hose Deflector ..... 2                                                                                                                                                                                                                                                                                                                        | 2   |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) ..... 1                                                                                                                                                                                                                                                                                           | 1   |
|      | S66435   | Primary Hose Hose Suport - Main - Right side ..... 1                                                                                                                                                                                                                                                                                                  | 1   |
| 4    | S65390   | Divider Head Pedestal - Main Frame ..... 1                                                                                                                                                                                                                                                                                                            | 1   |
| 5    | N67245   | Primary Hose Hose Suport - Between ..... 1                                                                                                                                                                                                                                                                                                            | 1   |
| 6    | N67274   | Spacer Plate ..... 1                                                                                                                                                                                                                                                                                                                                  | 1   |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                         |     |
| 8    | N66234   | Coupler Tower - Between ..... 1                                                                                                                                                                                                                                                                                                                       | 1   |
| 9    | N64095   | Primary Hose Adapter ..... 20                                                                                                                                                                                                                                                                                                                         | 20  |
| 10   | *****    |                                                                                                                                                                                                                                                                                                                                                       |     |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg..... 20                                                                                                                                                                                                                                                                                                               | 20  |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 20)..... 60                                                                                                                                                                                                                                                                                           | 60  |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 ..... 28                                                                                                                                                                                                                                                                                                                  | 28  |
| 14   | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) ..... 2                                                                                                                                                                                                                                                                           | 2   |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing ..... 4                                                                                                                                                                                                                                                                                             | 4   |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing ..... 4                                                                                                                                                                                                                                                                                                       | 4   |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg..... 12                                                                                                                                                                                                                                                                                                                     | 12  |
| 18   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details)..... 2                                                                                                                                                                                                                                                                         | 2   |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg..... 2                                                                                                                                                                                                                                                                                                                      | 2   |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL..... 4                                                                                                                                                                                                                                                                                                                    | 4   |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL..... 1                                                                                                                                                                                                                                                                                                               | 1   |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL..... 2                                                                                                                                                                                                                                                                                                                    | 2   |
| 23   | S27987   | Locknut - 3/8 Serrated..... 12                                                                                                                                                                                                                                                                                                                        | 12  |
| 24   | W-516    | Nut - 1/2 ..... 6                                                                                                                                                                                                                                                                                                                                     | 6   |
| 25   | W-517    | Nut - 5/8 ..... 4                                                                                                                                                                                                                                                                                                                                     | 4   |
| 26   | W-518    | Nut - 3/4 ..... 2                                                                                                                                                                                                                                                                                                                                     | 2   |
| 27   | W-525    | Lockwasher - 1/2..... 6                                                                                                                                                                                                                                                                                                                               | 6   |
| 28   | W-526    | Lockwasher - 5/8..... 4                                                                                                                                                                                                                                                                                                                               | 4   |
| 29   | W-527    | Lockwasher - 3/4..... 2                                                                                                                                                                                                                                                                                                                               | 2   |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . 12"SP-900 ft . . 15"SP-750 ft                                                                                                                                                                                                                                                                           |     |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers)..... 140                                                                                                                                                                                                                                                                       | 140 |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) ..... 200                                                                                                                                                                                                                                                                                                               | 200 |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg..... 4                                                                                                                                                                                                                                                                                                                    | 4   |
| 34   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) ..... 1                                                                                                                                                                                                                                                                                             | 1   |
| 34A  | N67200   | Head Mounting Bracket - 30 Degree - Left..... 1                                                                                                                                                                                                                                                                                                       | 1   |

**Dual Shoot - Stacked Heads - Tow Between - Prior to 2023**  
**40 ft - 12m - 6 primaries - 10 inch (250mm) Spacing**

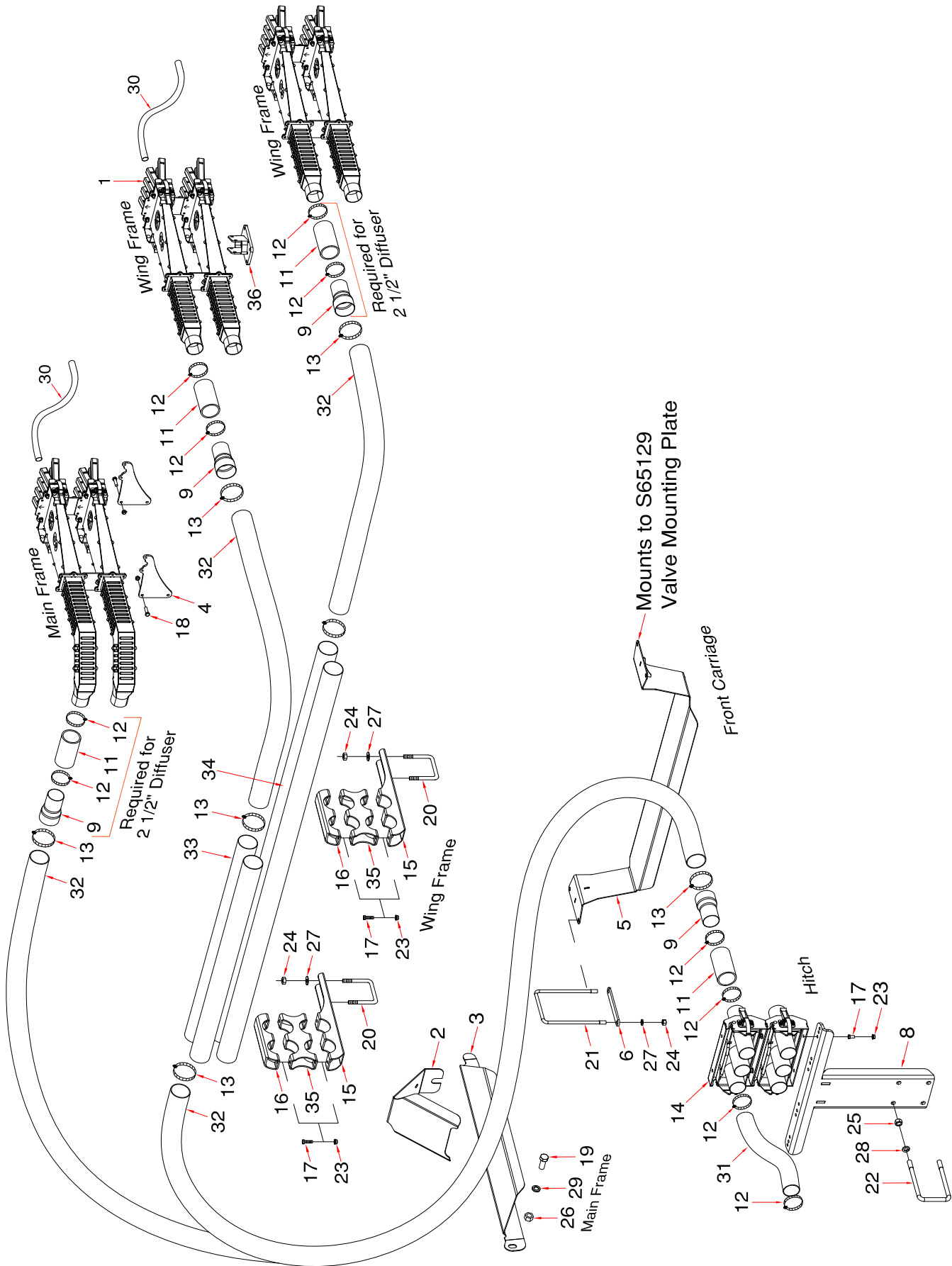




## Dual Shoot Stacked Heads Tow Between - 40 ft - 12m - 6 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                        | Qty  |
|------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | *****    | <b>For 10 - 250mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 12   |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                       | 2    |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                          | 1    |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                 | 1    |
| 4    | S65382   | Head Mounting Plate - Main .....                                                                                                                                                   | 4    |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                           | 1    |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                 | 1    |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                      |      |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                      | 1    |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                         | 12   |
| 10   | *****    |                                                                                                                                                                                    |      |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                               | 12   |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                           | 72   |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                  | 32   |
| 14   | *****    | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                          | 4    |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                            | 4    |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                      | 4    |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                     | 12   |
| 18   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg (Refer to Divider Head Assembly for details).....                                                                                                        | 8    |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                     | 2    |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                   | 4    |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                              | 1    |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                   | 2    |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                        | 12   |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                    | 6    |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                    | 4    |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                    | 2    |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                              | 6    |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                              | 4    |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                              | 2    |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . 10"SP-1125 ft.....                                                                                                                   | 1125 |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers).....                                                                                                        | 175  |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                | 225  |
| 33   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                   | 4    |

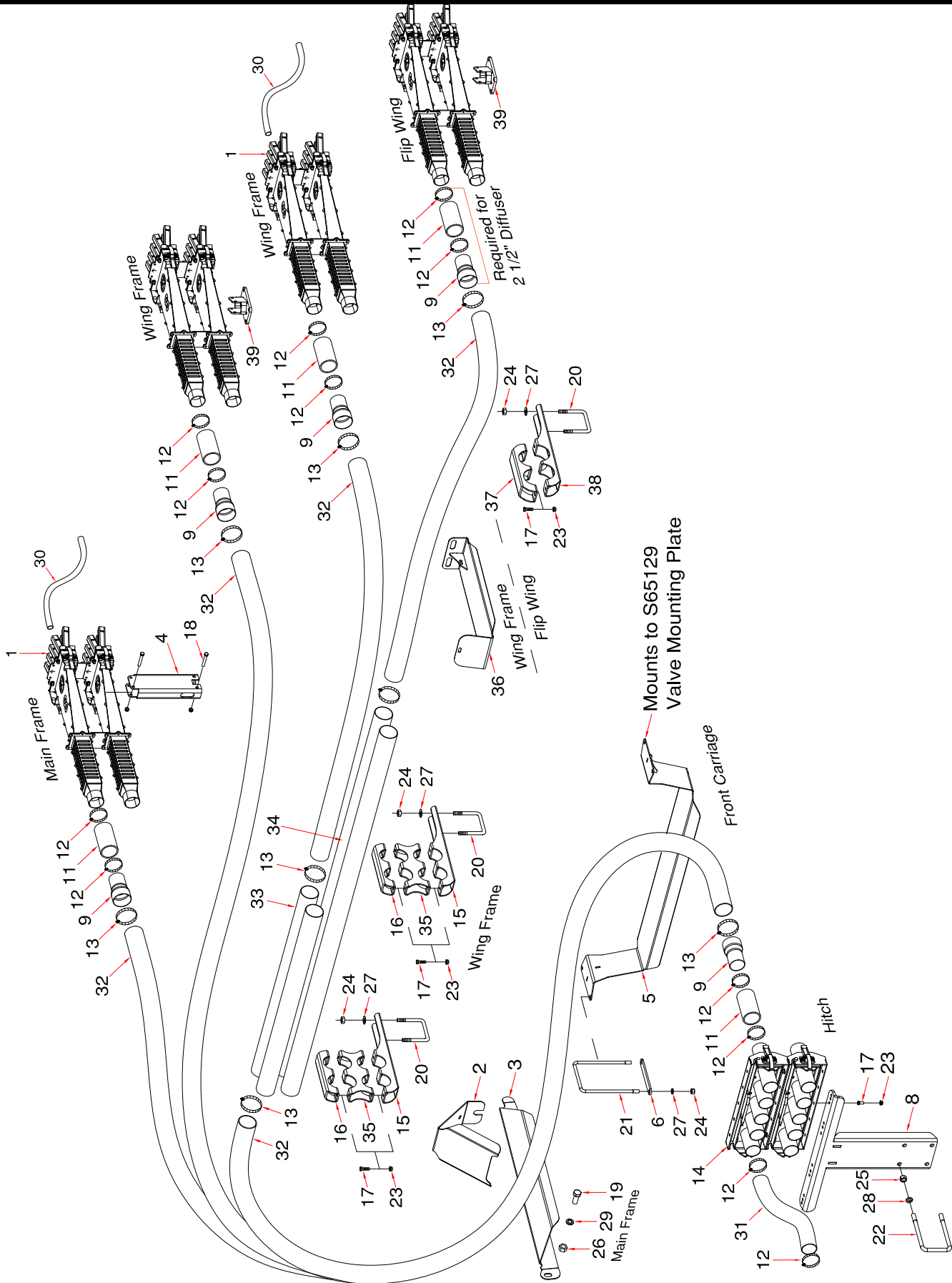
**Dual Shoot - Stacked Heads - Tow Between - Prior to 2023**  
**50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing**



# Dual Shoot Stacked Heads Tow Between - 50 ft - 15m - 6 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                | Qty    |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****    | <b>For 15 inch - 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 4<br>8 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                               | 2      |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                  | 1      |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                         | 1      |
| 4    | S65382   | Head Mounting Plate - Main .....                                                                                                                                                                                                           | 4      |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                   | 1      |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                                                                         | 1      |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                              |        |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                                                                              | 1      |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                 | 12     |
| 10   | *****    |                                                                                                                                                                                                                                            |        |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                       | 12     |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                                                                                   | 72     |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                          | 40     |
| 14   | *****    | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                  | 4      |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                    | 4      |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                              | 4      |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 20     |
| 18   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                               | 8      |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                             | 2      |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                           | 4      |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                      | 1      |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                           | 2      |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                | 20     |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                            | 6      |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                            | 4      |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                            | 2      |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                      | 6      |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                      | 4      |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                      | 2      |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                                                                            | 900    |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                                               | 175    |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                        | 225    |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                           | 4      |
| 34   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                           | 4      |
| 35   | N66358   | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                             | 4      |
| 36   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                    | 1      |
| 36A  | N67200   | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                              | 1      |

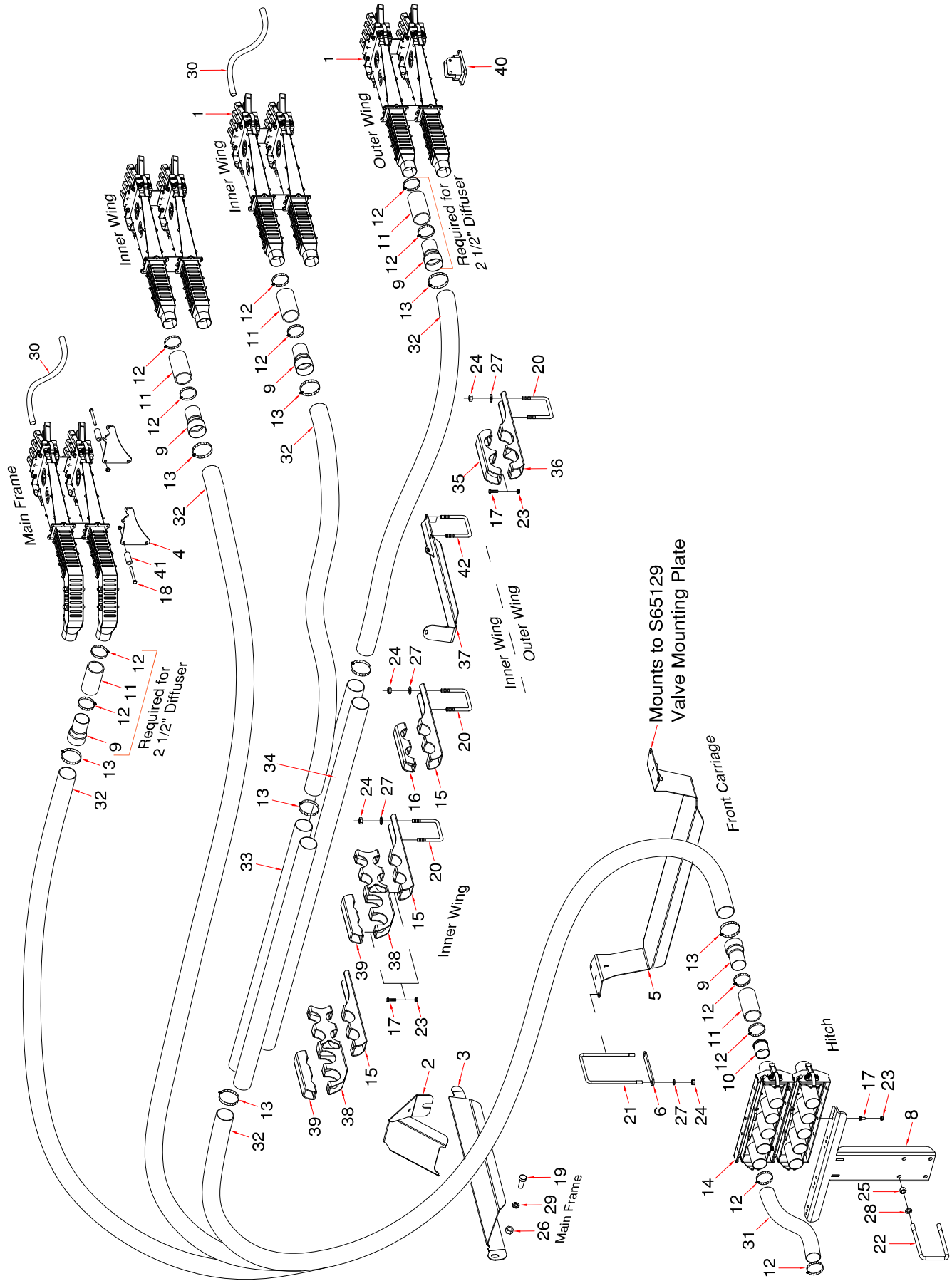
**Dual Shoot - Stacked Heads - Tow Between - Prior to 2023**  
**50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing**



# Dual Shoot Stacked Heads Tow Between - 50 ft - 15m - 7 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                   | Qty                   |
|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | *****    | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet .....<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet ..... | 6<br>8<br><br>12<br>2 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                  | 2                     |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                     | 1                     |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                            | 1                     |
| 4    | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                      | 1                     |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                      | 1                     |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                                                                                                                                                                                                                            | 1                     |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                                                                 |                       |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                                                                 | 1                     |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                    | 14                    |
| 10   | *****    |                                                                                                                                                                                                                                                                                                                                                                                               |                       |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                          | 14                    |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 28).....                                                                                                                                                                                                                                                                                                                                      | 84                    |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                             | 44                    |
| 14   | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                     | 4                     |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                       | 4                     |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                 | 4                     |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                | 24                    |
| 18   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details).....                                                                                                                                                                                                                                                                                                                   | 2                     |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                | 2                     |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                              | 6                     |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                                                                         | 1                     |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                              | 2                     |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                   | 24                    |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                               | 14                    |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                               | 4                     |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                               | 2                     |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                         | 14                    |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                         | 4                     |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                         | 2                     |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1350 ft . . 12"SP-1125 ft . .                                                                                                                                                                                                                                                                                                                 |                       |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers).....                                                                                                                                                                                                                                                                                                                   | 200                   |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                                                                                                                                                                           | 300                   |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 4                     |
| 34   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                              | 4                     |
| 35   | N66358   | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                | 4                     |
| 36   | N67295   | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                                                                                                                                                         | 2                     |
| 37   | N66374   | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                              | 2                     |
| 38   | N66375   | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                    | 2                     |
| 39   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                                                                       | 2                     |
| 39A  | N67200   | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                                                                 | 2                     |

**Dual Shoot - Stacked Heads - Tow Between - Prior to 2023**  
**60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**

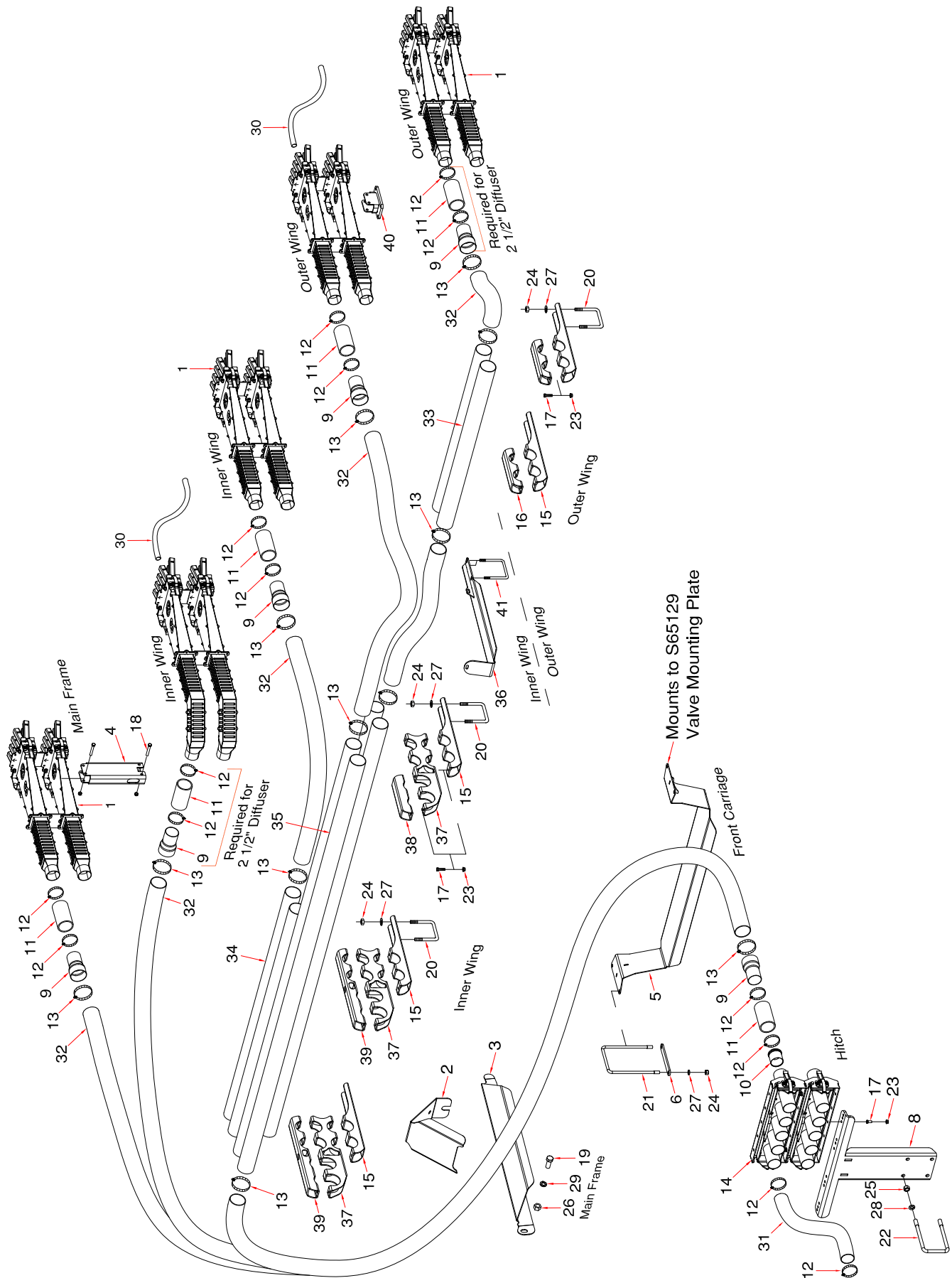


## Dual Shoot Stacked Heads Tow Between - 60 ft - 18m - 8 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                         | Qty    |
|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1    | *****    | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... | 16     |
|      |          | <b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet .....                                                                                      | 8<br>8 |
|      |          | <b>15" spacing uses 8 # 6 heads</b><br>N66506 - Divider Head Assembly - 6 Outlet .....                                                                                                                              | 16     |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                        | 2      |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                           | 1      |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                  | 1      |
| 4    | S65382   | Head Mounting Plate - Main .....                                                                                                                                                                                    | 4      |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                                                            | 1      |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                                                  | 1      |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                       |        |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                                                       | 1      |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                          | 16     |
| 10   | N37920   | Equalizer .....                                                                                                                                                                                                     | 0      |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                | 16     |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 32).....                                                                                                                                                            | 96     |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                   | 48     |
| 14   | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                           | 4      |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing - Wing .....                                                                                                                                                      | 6      |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing - Wing .....                                                                                                                                                                | 2      |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                      | 28     |
| 18   | S-1299   | Hex Bolt - 3/8 x 4 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                        | 8      |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                      | 2      |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                    | 8      |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                               | 1      |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                    | 2      |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                         | 28     |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                     | 18     |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                     | 4      |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                     | 2      |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                               | 18     |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                               | 4      |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                               | 2      |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1650 ft . 12"SP-1350 ft . 15"SP-1125 ft .                                                                                                                           |        |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                        | 225    |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                 | 325    |
| 33   | N66092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                    | 4      |
| 34   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                    | 4      |
| 35   | N66374   | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                    | 2      |
| 36   | N66375   | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                          | 2      |
| 37   | N66395   | Primary Hose Guide Plate - Wing .....                                                                                                                                                                               | 2      |
| 38   | N66775   | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                      | 4      |
| 39   | N66855   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                       | 4      |
| 40   | N67200   | Head Mounting Bracket - 30 Degree - Left (shown) .....                                                                                                                                                              | 1      |
| 40A  | N67202   | Head Mounting Bracket - 30 Degree - Right .....                                                                                                                                                                     | 1      |
| 41   | N50842   | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg .....                                                                                                                                                                        | 8      |
| 42   | N19723   | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                            | 8      |



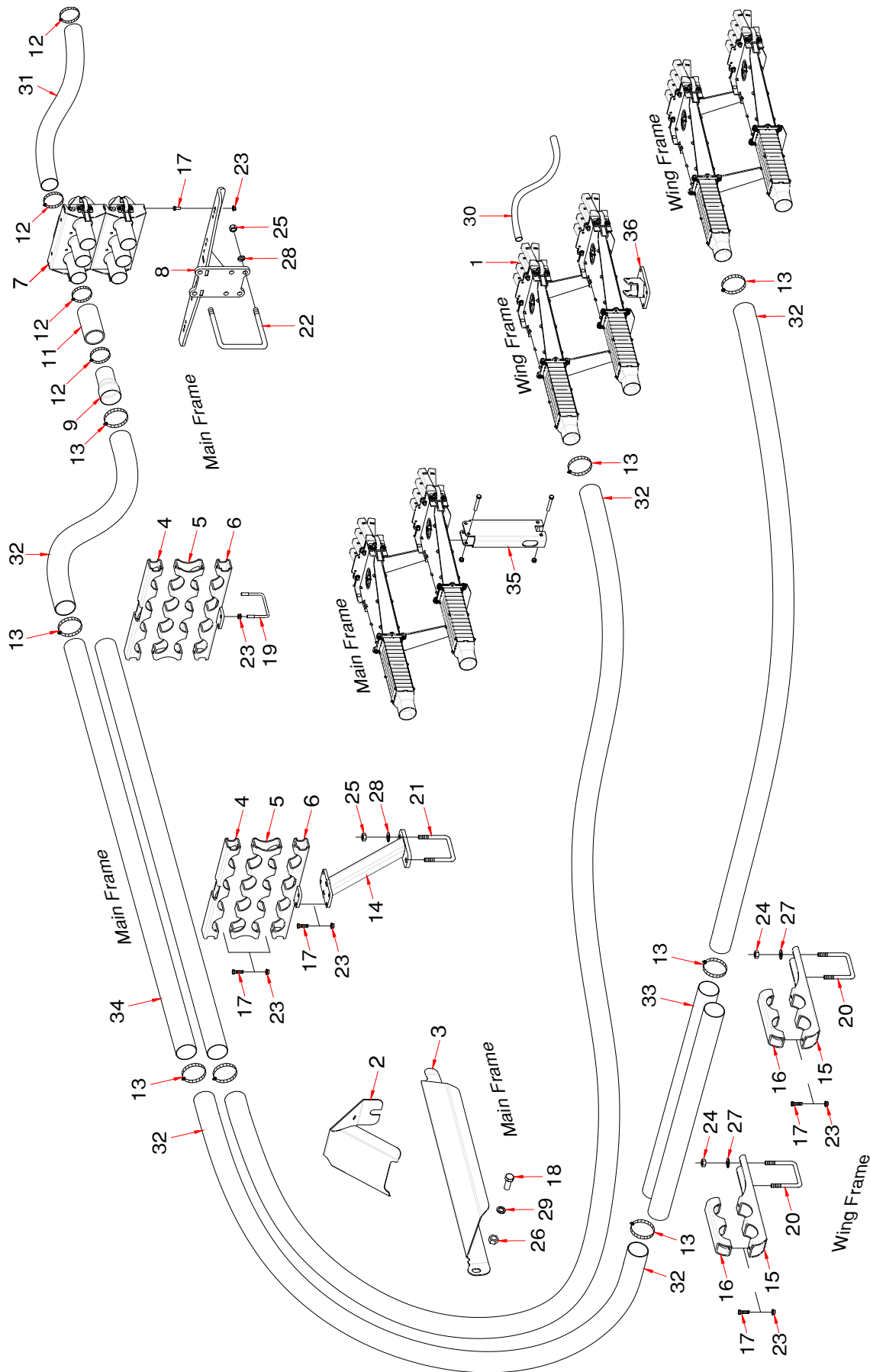
**Dual Shoot - Stacked Heads - Tow Between - Prior to 2023**  
**70 ft - 21m - 9 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**



## Dual Shoot Stacked Heads Tow Between - 70 ft - 21m - 9 primaries - Prior to 2023

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Qty |
|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | *****    | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 12<br>N66510 - Divider Head Assembly - 10 Outlet..... 6<br><br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 4<br>N66508 - Divider Head Assembly - 8 Outlet ..... 14<br><br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 14<br>N66507 - Divider Head Assembly - 7 Outlet ..... 4 |     |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2   |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1   |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1   |
| 4    | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1   |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1   |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1   |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1   |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18  |
| 10   | N37920   | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0   |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18  |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 36).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 108 |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 68  |
| 14   | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4   |
| 15   | N66339   | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10  |
| 16   | N66359   | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4   |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40  |
| 18   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2   |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2   |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10  |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1   |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2   |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40  |
| 24   | W-516    | Hex Nut - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 22  |
| 25   | W-517    | Hex Nut - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4   |
| 26   | W-518    | Hex Nut - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2   |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22  |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4   |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2   |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1875 ft . 12"SP-1500 ft . 15"SP-1275 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |
| 31   | R480055  | Hose - 2 1/2 ID/ft Goodyear (100 ft rolls) (Air Cart side of couplers) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 250 |
| 32   | R480060  | Hose - 3 ID/ft (100 ft rolls) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 400 |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4   |
| 34   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4   |
| 35   | N64096   | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8   |
| 36   | N66395   | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2   |
| 37   | N66775   | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6   |
| 38   | N66855   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2   |
| 39   | N66860   | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4   |
| 40   | N67640   | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2   |
| 41   | N19723   | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8   |

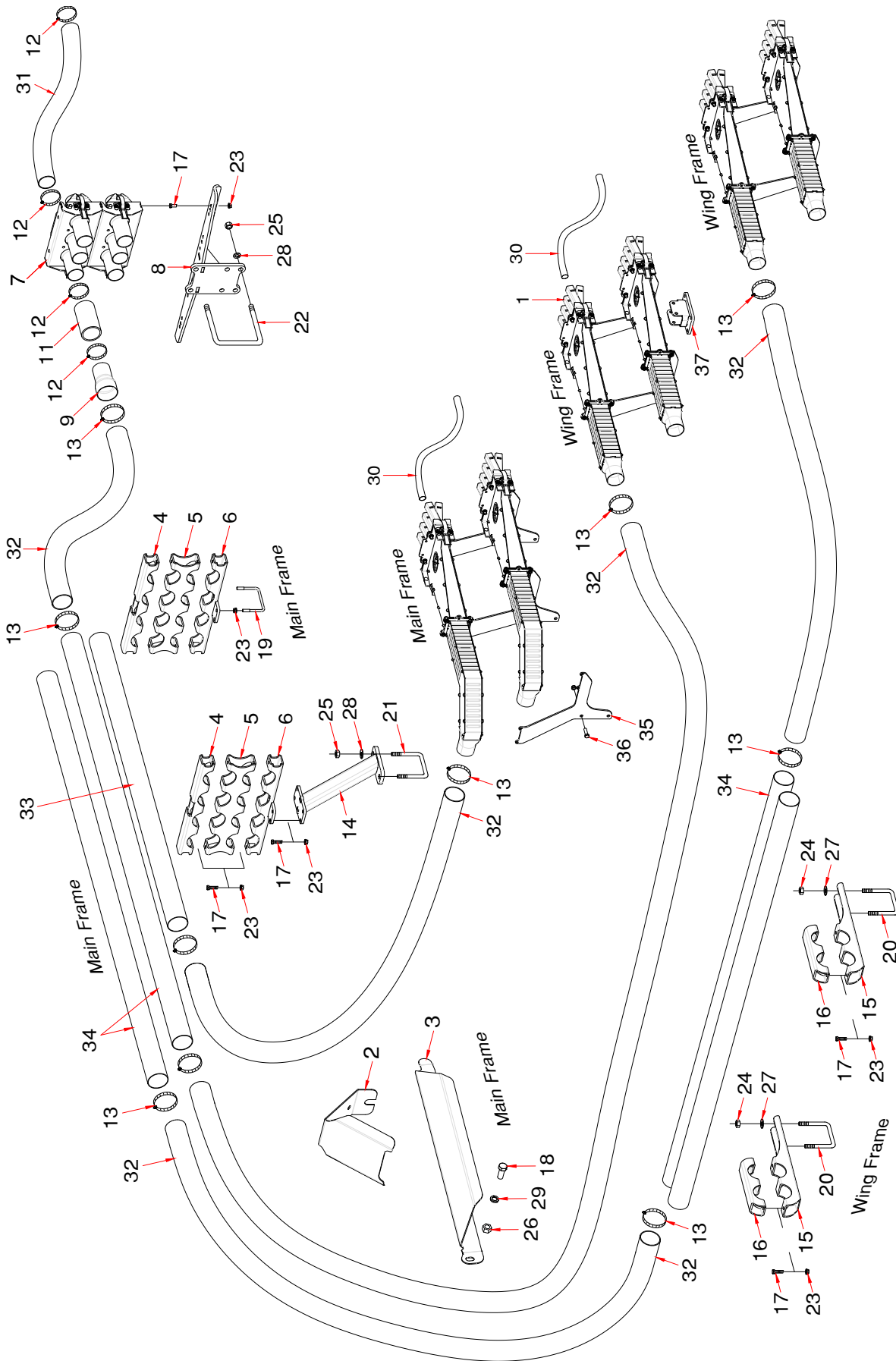
**Dual Shoot - Offset Heads - Tow Behind - 2023 to Present**  
**40 ft - 12m - 5 primaries - 12 and 15 inch (300 - 380mm) Spacing**



## Dual Shoot Offset Heads Tow Behind - 40 ft - 12m - 5 primaries - 2023 to Present

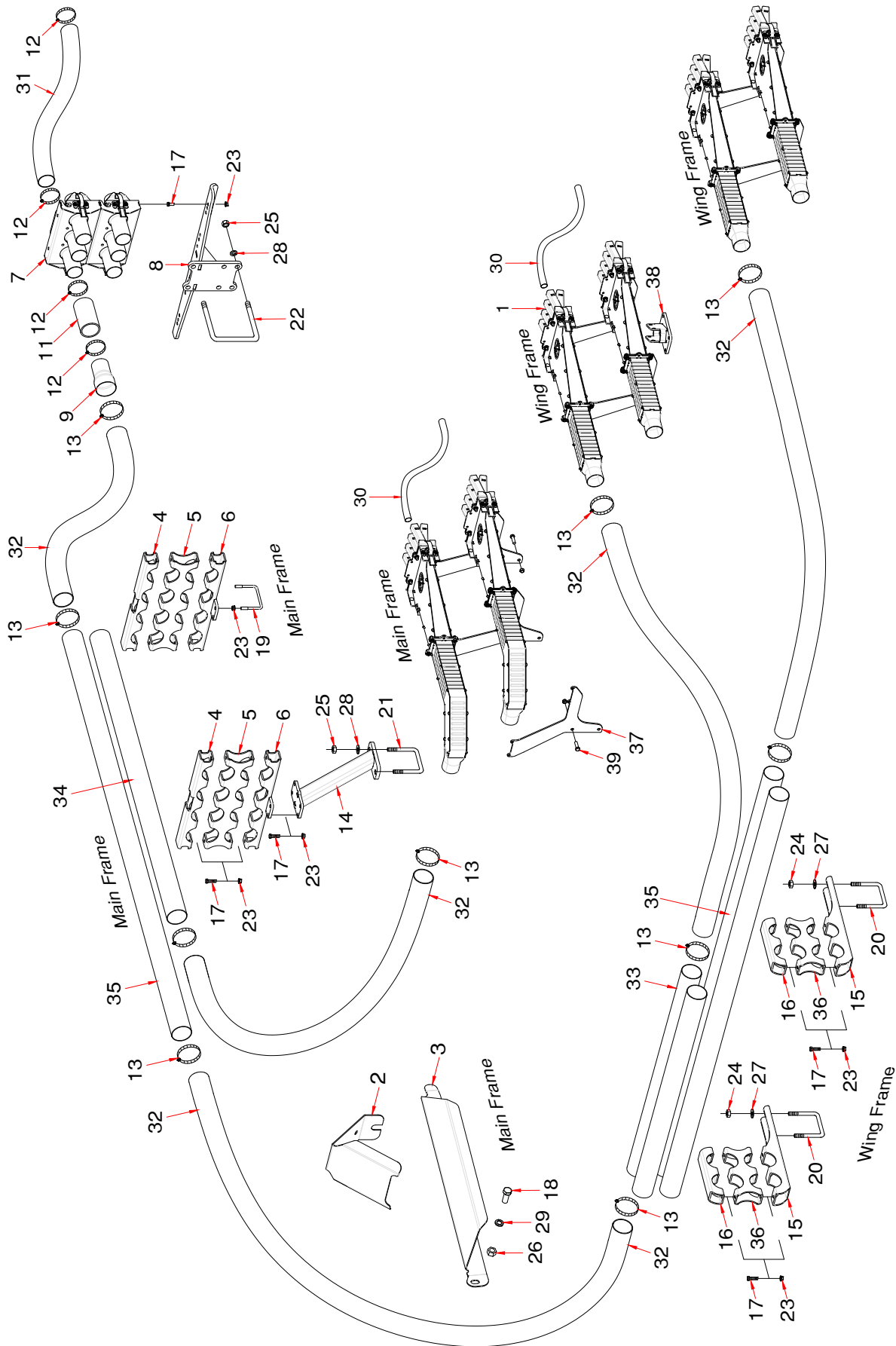
| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                    | Qty              |
|------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1    | *****         | <b>For 12 and 15 inch - 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br><br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 10<br><br>6<br>4 |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                   | 2                |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                      | 1                |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                             | 1                |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                           | 4                |
| 5    | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                          | 4                |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                   | 4                |
| 7    | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                      | 4                |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                   | 1                |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                     | 20               |
| 10   | *****         |                                                                                                                                                                                                                                                                                                                                                |                  |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                           | 20               |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 20).....                                                                                                                                                                                                                                                                                       | 60               |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                              | 44               |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                           | 2                |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                        | 4                |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                  | 4                |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                 | 40               |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                 | 2                |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                               | 4                |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                               | 4                |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                               | 2                |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                               | 2                |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                    | 48               |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                | 8                |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                | 8                |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                | 2                |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                          | 8                |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                          | 8                |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                          | 2                |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . .12"SP-900 ft . . .15"SP-750 ft .....                                                                                                                                                                                                                                                            |                  |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                            |                  |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                               |                  |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                   |                  |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                 | 200ft            |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                   |                  |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                | 175ft            |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                 |                  |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                               | 4                |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                               | 8                |
| 35   | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                       | 1                |
| 36   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                        | 1                |
| 36A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                  | 1                |

**Dual Shoot - Offset Heads - Tow Behind - 2023 to Present**  
**40 ft - 12m - 6 primaries - 10 inch (250mm) Spacing**



| Dual Shoot Offset Heads Tow Behind - 40 ft -12m - 6 primaries - 2023 to Present |               |                                                                                                                                                                                         |          |
|---------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Item                                                                            | Part No.      | Description                                                                                                                                                                             | Qty      |
| 1                                                                               | *****         | <b>For 10 inch - 250mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 12       |
| 2                                                                               | S67250        | Primary Hose Deflector .....                                                                                                                                                            | 2        |
| 3                                                                               | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                               | 1        |
|                                                                                 | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                      | 1        |
| 4                                                                               | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                    | 4        |
| 5                                                                               | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                   | 4        |
| 6                                                                               | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                            | 4        |
| 7                                                                               | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                               | 4        |
| 8                                                                               | N53203        | Coupler Tower - Behind .....                                                                                                                                                            | 1        |
| 9                                                                               | N64095        | Primary Hose Adapter .....                                                                                                                                                              | 24       |
| 10                                                                              | *****         |                                                                                                                                                                                         |          |
| 11                                                                              | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                    | 24       |
| 12                                                                              | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                                | 72       |
| 13                                                                              | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                       | 54       |
| 14                                                                              | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                    | 2        |
| 15                                                                              | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                 | 4        |
| 16                                                                              | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                           | 4        |
| 17                                                                              | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                          | 40       |
| 18                                                                              | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                          | 2        |
| 19                                                                              | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                        | 4        |
| 20                                                                              | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                        | 4        |
| 21                                                                              | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                        | 2        |
| 22                                                                              | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                        | 2        |
| 23                                                                              | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                             | 48       |
| 24                                                                              | W-516         | Nut - 1/2 .....                                                                                                                                                                         | 8        |
| 25                                                                              | W-517         | Nut - 5/8 .....                                                                                                                                                                         | 8        |
| 26                                                                              | W-518         | Nut - 3/4 .....                                                                                                                                                                         | 2        |
| 27                                                                              | W-525         | Lockwasher - 1/2.....                                                                                                                                                                   | 8        |
| 28                                                                              | W-526         | Lockwasher - 5/8.....                                                                                                                                                                   | 8        |
| 29                                                                              | W-527         | Lockwasher - 3/4.....                                                                                                                                                                   | 2        |
| 30                                                                              | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                         | 1125     |
|                                                                                 | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                     |          |
|                                                                                 | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                        |          |
|                                                                                 | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                            |          |
| 31                                                                              | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                          | 250ft    |
|                                                                                 | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                            |          |
| 32                                                                              | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                         | 175ft    |
|                                                                                 | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                          |          |
| 33                                                                              | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                        | 4        |
| 34                                                                              | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                        | 12       |
| 35                                                                              | <b>N72719</b> | <b>Offset Head Mounting Plate - Main Frame .....</b>                                                                                                                                    | <b>4</b> |
| 36                                                                              | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                          | 8        |
| 37                                                                              | <b>N67640</b> | <b>Head Mounting Bracket - Straight .....</b>                                                                                                                                           | <b>1</b> |

**Dual Shoot - Offset Heads - Tow Behind - 2023 to Present**  
**50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing**

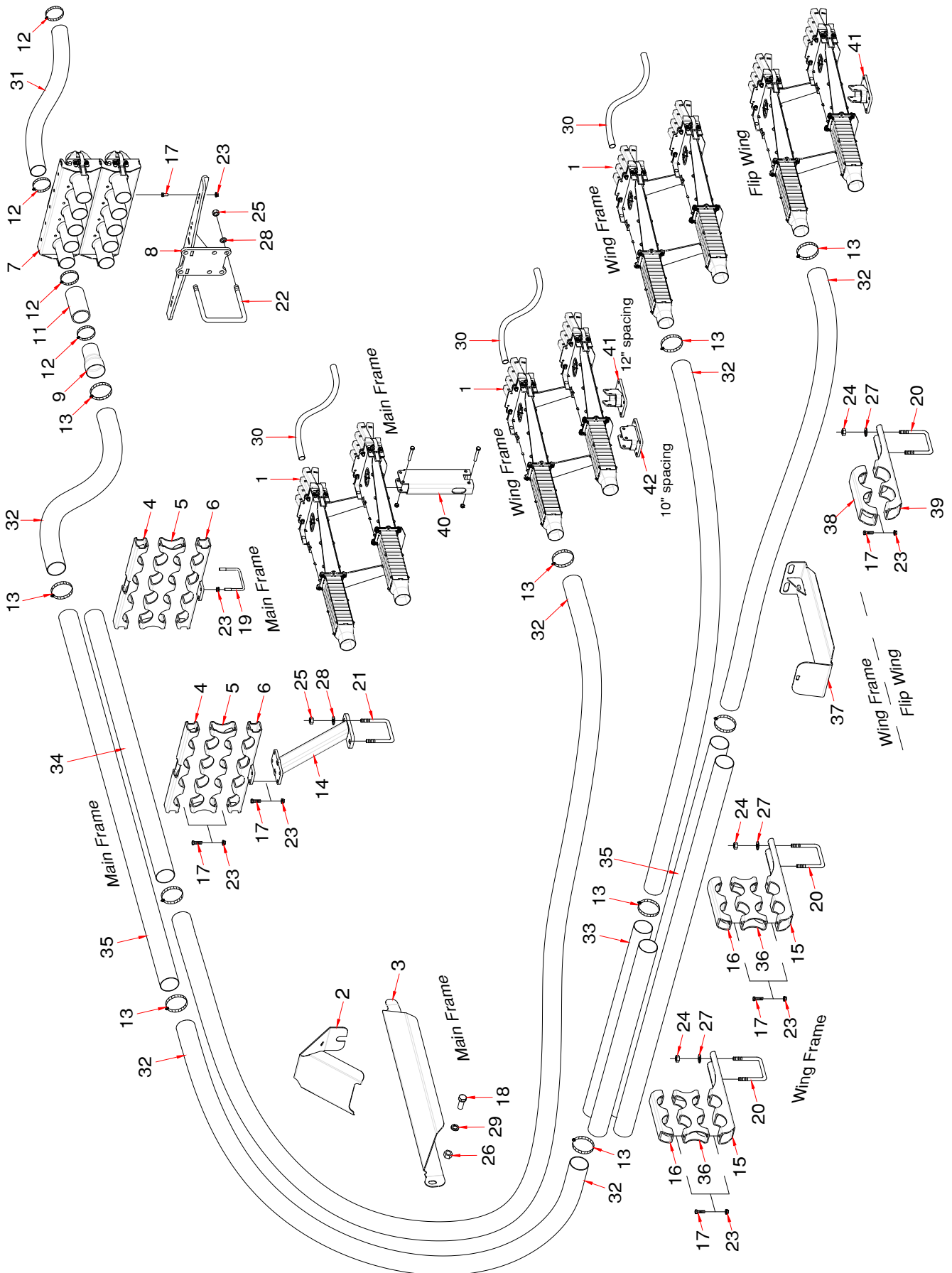




## Dual Shoot Offset Heads Tow Behind - 50 ft - 15m - 6 primaries - 2023 to Present

| Item | Part No.      | Description                                                                                                                                                                                                                                | Qty      |
|------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | *****         | <b>For 15 inch - 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 4<br>8   |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                               | 2        |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                  | 1        |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                         | 1        |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                       | 4        |
| 5    | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                      | 4        |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                               | 4        |
| 7    | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                  | 4        |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                               | 1        |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                 | 24       |
| 10   | *****         |                                                                                                                                                                                                                                            |          |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                       | 24       |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                                                                                   | 72       |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                          | 64       |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                                                                       | 2        |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                    | 4        |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                              | 4        |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 44       |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                             | 2        |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                           | 4        |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                           | 4        |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                           | 2        |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                           | 2        |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                | 52       |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                            | 8        |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                            | 8        |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                            | 2        |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                      | 8        |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                      | 8        |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                      | 2        |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                                                                            | 900      |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                        |          |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                           |          |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                               |          |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                             | 250ft    |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                               |          |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                            | 300ft    |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                             |          |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                           | 4        |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                           | 4        |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                           | 12       |
| 36   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                             | 4        |
| 37   | <b>N72719</b> | <b>Offset Head Mounting Plate - Main Frame .....</b>                                                                                                                                                                                       | <b>4</b> |
| 38   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                    | 1        |
| 38A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                              | 1        |
| 39   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 8        |

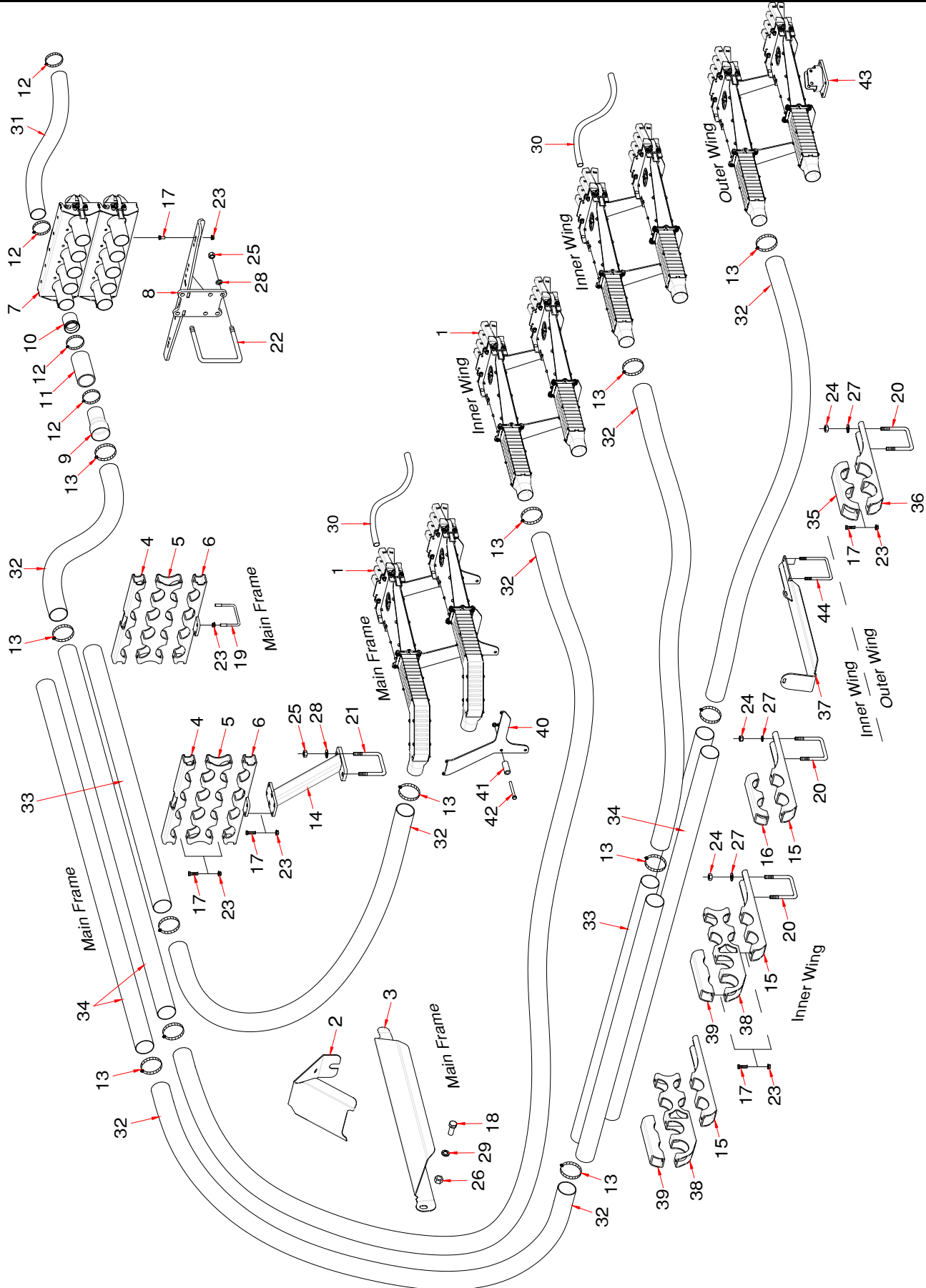
# **Dual Shoot - Offset Heads - Tow Behind - 2023 to Present** **50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing**



## Dual Shoot Offset Heads Tow Behind - 50 ft - 15m - 7 primaries - 2023 to Present

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                | Qty      |
|------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | *****         | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... 6<br>N66509 - Divider Head Assembly - 9 Outlet ..... 8<br><br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 12<br>N66508 - Divider Head Assembly - 8 Outlet ..... 2 |          |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                               | 2        |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                  | 1        |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                         | 1        |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                       | 4        |
| 5    | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                      | 4        |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                               | 4        |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                  | 4        |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                               | 1        |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                 | 28       |
| 10   | *****         |                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                       | 28       |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 ( <b>Air Cart side uses 28</b> ) .....                                                                                                                                                                                                                                                                                                                                         | 84       |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                          | 68       |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                                       | 2        |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                    | 4        |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                              | 4        |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                             | 48       |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                             | 2        |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                                           | 4        |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                           | 12       |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                           | 2        |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                           | 2        |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                | 56       |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                            | 24       |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                            | 8        |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                            | 2        |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                      | 24       |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                      | 8        |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                      | 2        |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . . 10"SP-1350 ft . . . 12"SP-1125 ft                                                                                                                                                                                                                                                                                                                          |          |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                        |          |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                           |          |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                               |          |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                             | 300ft    |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                               |          |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                            | 300ft    |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                             |          |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                           | 4        |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                           | 4        |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                           | 12       |
| 36   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                             | 4        |
| 37   | N67295        | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                                                                                                                                                                      | 2        |
| 38   | N66374        | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                                           | 2        |
| 39   | N66375        | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                                 | 2        |
| 40   | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                                   | 1        |
| 41   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                                                                                    | 1        |
| 41A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                                                                              | 1        |
| 42   | <b>N67640</b> | <b>Head Mounting Bracket - Straight (10 inch spacing) .....</b>                                                                                                                                                                                                                                                                                                                                            | <b>2</b> |

**Dual Shoot - Offset Heads - Tow Behind - 2023 to Present**  
**60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**

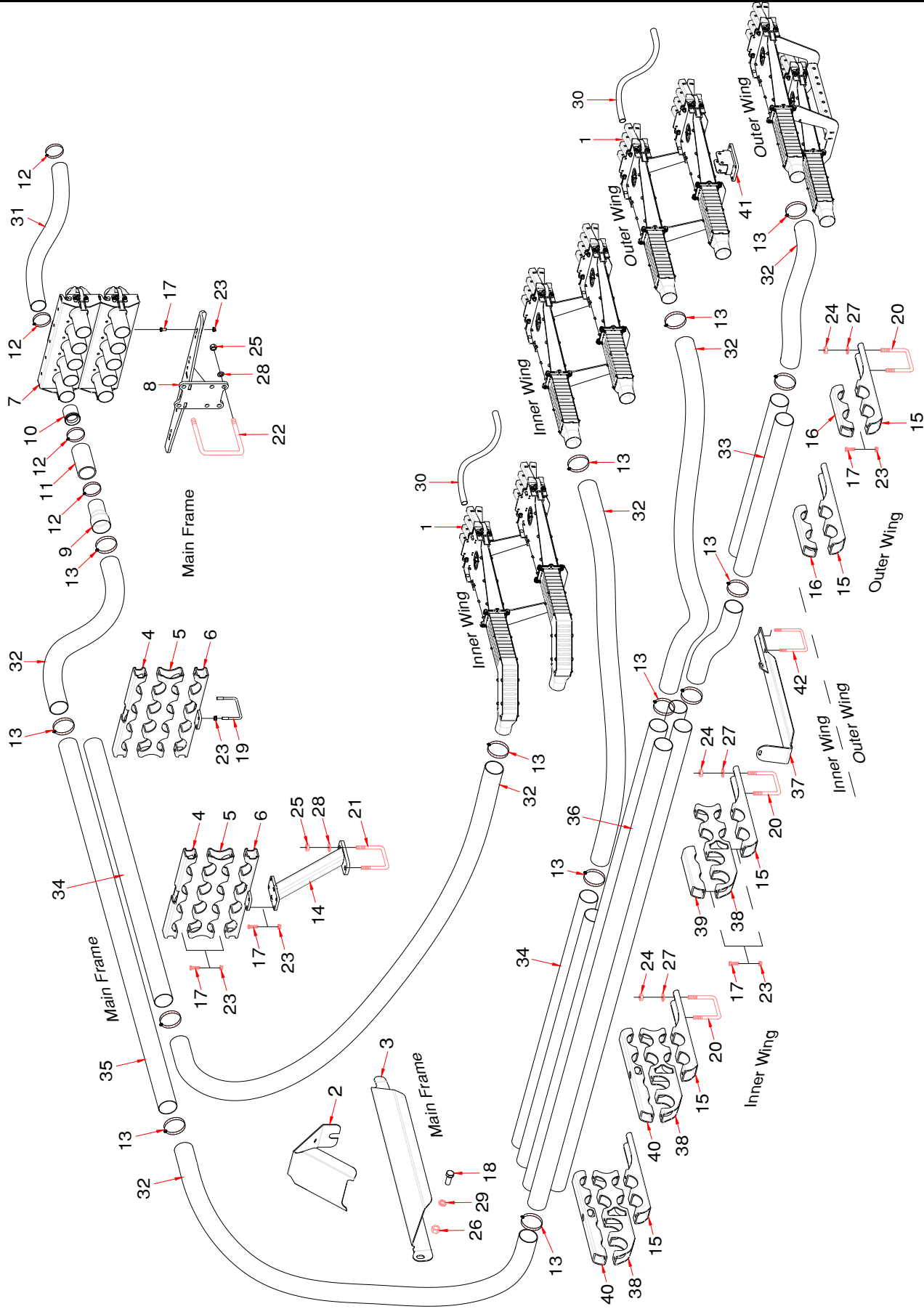


## Dual Shoot Offset Heads Tow Behind - 60 ft - 18m - 8 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty   |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 16<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 8<br>N66508 - Divider Head Assembly - 8 Outlet ..... 8<br><b>15" spacing uses 8 # 6 heads</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 16 |       |
| 2    | S67250        | Primary Hose Deflector ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                            | 2     |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) ..... 1                                                                                                                                                                                                                                                                                                                                                                                               | 1     |
|      | S66435        | Primary Hose Hose Suport - Main - Right side ..... 1                                                                                                                                                                                                                                                                                                                                                                                                      | 1     |
| 4    | N66321        | Distribution Pipe Clamp - Main ..... 4                                                                                                                                                                                                                                                                                                                                                                                                                    | 4     |
| 5    | N66322        | Distribution Pipe Spacer - Main ..... 4                                                                                                                                                                                                                                                                                                                                                                                                                   | 4     |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main ..... 4                                                                                                                                                                                                                                                                                                                                                                                                            | 4     |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) ..... 4                                                                                                                                                                                                                                                                                                                                                                               | 4     |
| 8    | N53203        | Coupler Tower - Behind ..... 1                                                                                                                                                                                                                                                                                                                                                                                                                            | 1     |
| 9    | N64095        | Primary Hose Adapter ..... 32                                                                                                                                                                                                                                                                                                                                                                                                                             | 32    |
| 10   | N37920        | Equalizer ..... 0                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg..... 32                                                                                                                                                                                                                                                                                                                                                                                                                   | 32    |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 32)..... 96                                                                                                                                                                                                                                                                                                                                                                                               | 96    |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 ..... 80                                                                                                                                                                                                                                                                                                                                                                                                                      | 80    |
| 14   | N66325        | Distribution Pipe Stand - Main ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                    | 2     |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing - Wing ..... 6                                                                                                                                                                                                                                                                                                                                                                                          | 6     |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing - Wing ..... 2                                                                                                                                                                                                                                                                                                                                                                                                    | 2     |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg..... 52                                                                                                                                                                                                                                                                                                                                                                                                                         | 52    |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg..... 2                                                                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL..... 4                                                                                                                                                                                                                                                                                                                                                                                                                        | 4     |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL..... 8                                                                                                                                                                                                                                                                                                                                                                                                                        | 8     |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL..... 2                                                                                                                                                                                                                                                                                                                                                                                                                        | 2     |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL..... 2                                                                                                                                                                                                                                                                                                                                                                                                                        | 2     |
| 23   | S27987        | Locknut - 3/8 Serrated..... 60                                                                                                                                                                                                                                                                                                                                                                                                                            | 60    |
| 24   | W-516         | Nut - 1/2 ..... 16                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16    |
| 25   | W-517         | Nut - 5/8 ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8     |
| 26   | W-518         | Nut - 3/4 ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2     |
| 27   | W-525         | Lockwasher - 1/2..... 16                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16    |
| 28   | W-526         | Lockwasher - 5/8..... 8                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8     |
| 29   | W-527         | Lockwasher - 3/4..... 2                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2     |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1650 ft . 12"SP-1350 ft . 15"SP-1125 ft .                                                                                                                                                                                                                                                                                                                                                                 |       |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                                       |       |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                          |       |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                              |       |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) ..... 325ft                                                                                                                                                                                                                                                                                                                                                      | 325ft |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                              |       |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ) ..... 275ft                                                                                                                                                                                                                                                                                                                                                                                    | 275ft |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                            |       |
| 33   | N64092        | Primary Pipe SS - 3 x 72 Lg..... 8                                                                                                                                                                                                                                                                                                                                                                                                                        | 8     |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg..... 16                                                                                                                                                                                                                                                                                                                                                                                                                       | 16    |
| 35   | N66374        | Distribution Hose Clamp - Wing - 3 5/8 Dia ..... 2                                                                                                                                                                                                                                                                                                                                                                                                        | 2     |
| 36   | N66375        | Distribution Hose Support Bracket - Wing - 3 5/8 Dia ..... 2                                                                                                                                                                                                                                                                                                                                                                                              | 2     |
| 37   | N66395        | Primary Hose Guide Plate - Wing ..... 2                                                                                                                                                                                                                                                                                                                                                                                                                   | 2     |
| 38   | N66775        | Distribution Pipe Spacer - 6 pipe - Wing ..... 4                                                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 39   | N66855        | Distribution Pipe Clamp - 2 pipe - Wing ..... 4                                                                                                                                                                                                                                                                                                                                                                                                           | 4     |
| 40   | <b>N72719</b> | <b>Offset Head Mounting Plate - Main Frame</b> ..... 4                                                                                                                                                                                                                                                                                                                                                                                                    | 4     |
| 41   | N50842        | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg ..... 8                                                                                                                                                                                                                                                                                                                                                                                                            | 8     |
| 42   | S-1299        | Hex Bolt - 3/8 x 4 1/2 Lg..... 8                                                                                                                                                                                                                                                                                                                                                                                                                          | 8     |
| 43   | N67200        | Head Mounting Bracket - 30 Degree - Left (shown) ..... 1                                                                                                                                                                                                                                                                                                                                                                                                  | 1     |
| 43A  | N67202        | Head Mounting Bracket - 30 Degree - Right ..... 1                                                                                                                                                                                                                                                                                                                                                                                                         | 1     |
| 44   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL ..... 8                                                                                                                                                                                                                                                                                                                                                                                                                | 8     |



**Dual Shoot - Offset Heads - Tow Behind - 2023 to Present**  
**70 ft - 21m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**

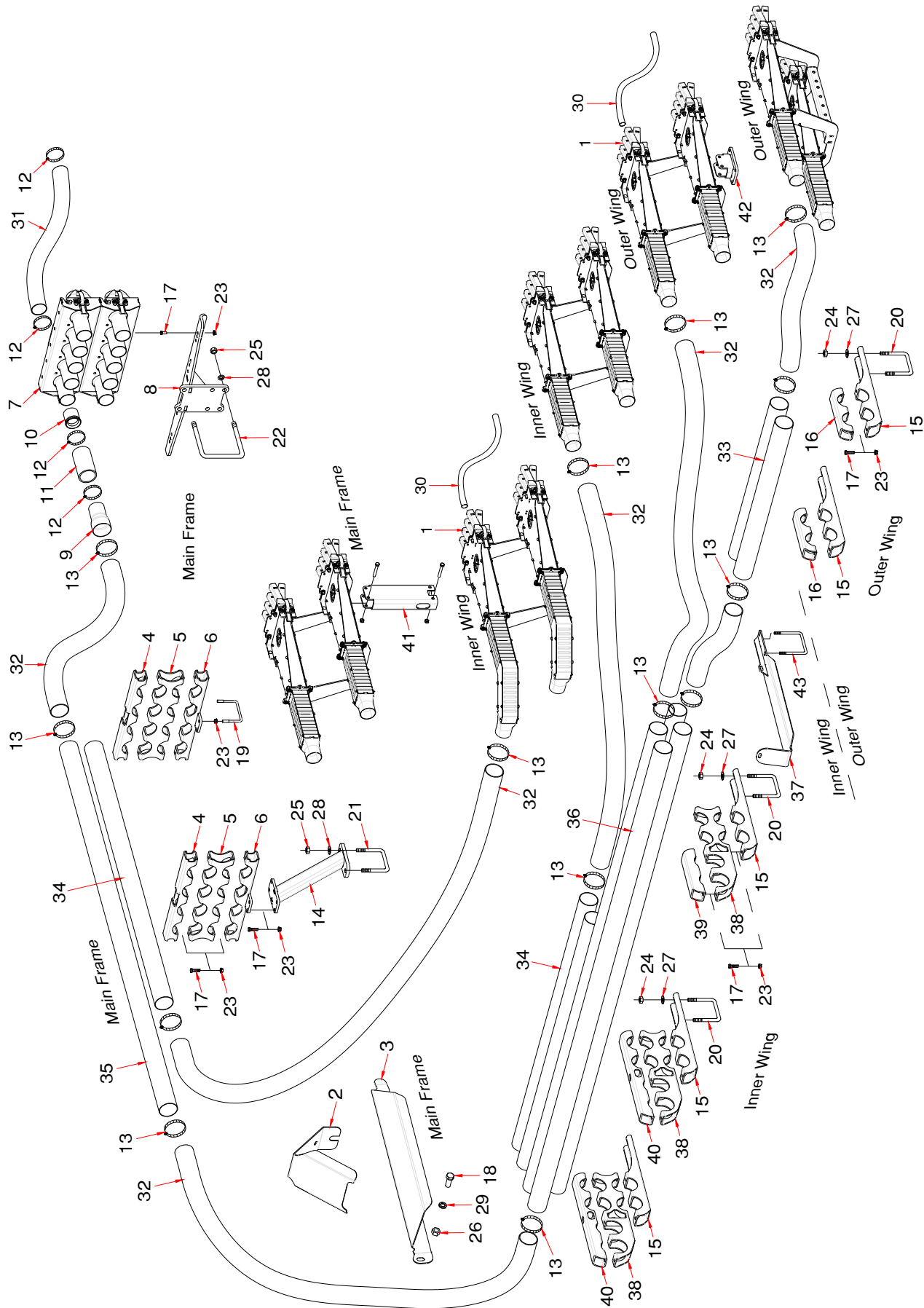


## Dual Shoot Offset Heads Tow Behind - 70 ft - 21m - 8 primaries

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Qty   |
|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****    | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: N/A</b><br>N66510 - Divider Head Assembly - 10 Outlet..... 8<br>* N/A * - Divider Head Assembly - 11 Outlet ..... 8<br><br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... 4<br>N66509 - Divider Head Assembly - 9 Outlet ..... 12<br><br><b>15" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 16 |       |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1     |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1     |
| 4    | N66321   | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4     |
| 5    | N66322   | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4     |
| 6    | N66335   | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4     |
| 7    | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4     |
| 8    | N53203   | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1     |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16    |
| 10   | N37920   | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0     |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16    |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 36).....                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 104   |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 66    |
| 14   | N66325   | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2     |
| 15   | N66339   | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10    |
| 16   | N66359   | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4     |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 64    |
| 18   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2     |
| 19   | D-4932   | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4     |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10    |
| 21   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2     |
| 22   | F-4642   | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2     |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 72    |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20    |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8     |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2     |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20    |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8     |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2     |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1875 ft . . 12"SP-1500 ft . . 15"SP-1275 ft.                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|      | N73085   | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |
|      | N75770   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>RED (Fertilizer)</b> - 2026 to Present                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
|      | N75771   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>BLACK (Seed)</b> - 2026 to Present                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 31   | N69294   | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                                                                                                                    | 375ft |
|      | N72592   | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 32   | N75812   | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 350ft |
|      | N75813   | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4     |
| 34   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8     |
| 35   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12    |
| 36   | N64096   | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8     |
| 37   | N66395   | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 38   | N66775   | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6     |
| 39   | N66855   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 40   | N66860   | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4     |
| 41   | N67640   | Head Mounting Bracket - Straight.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2     |
| 42   | N19723   | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8     |



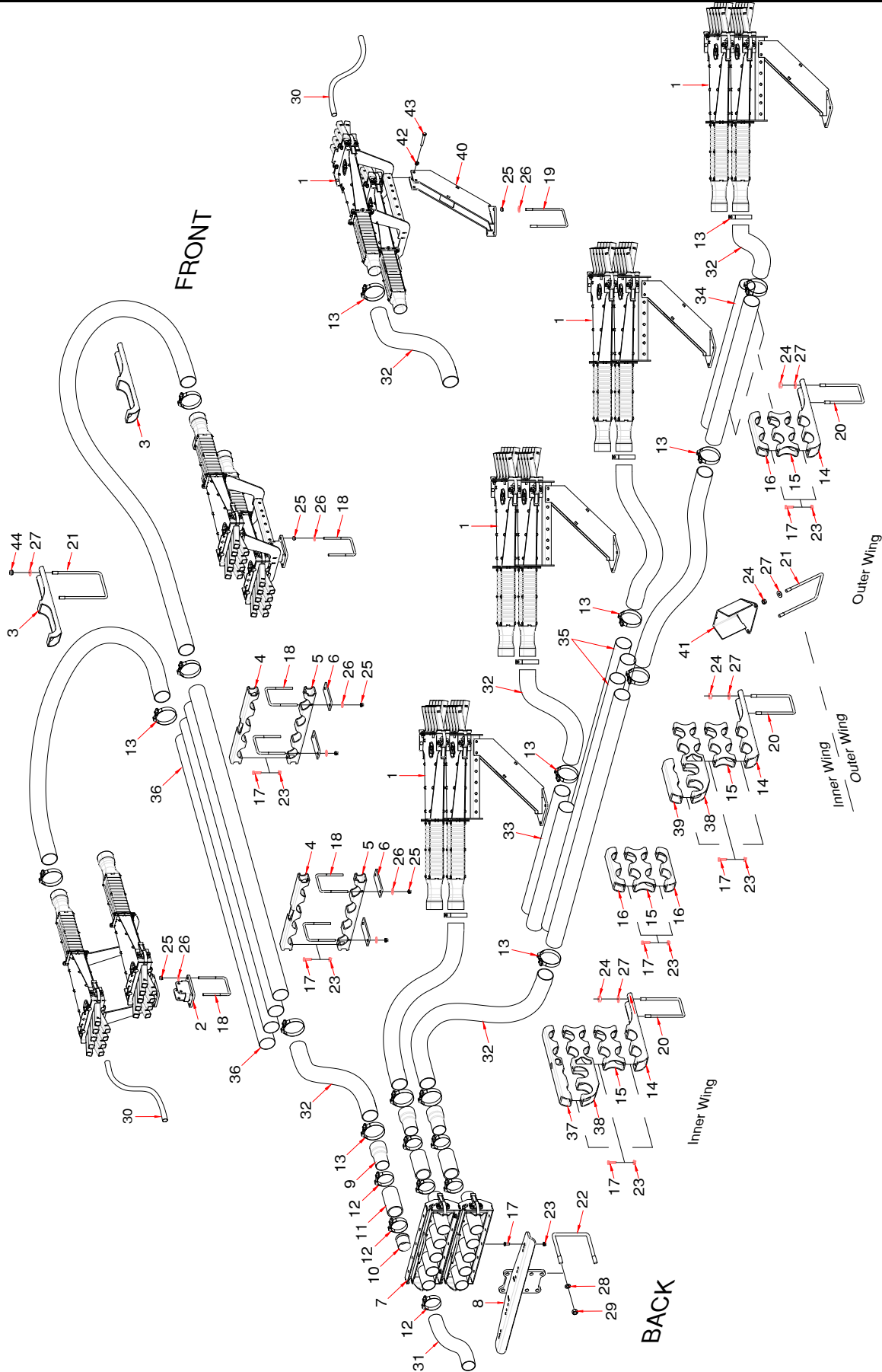
**Dual Shoot - Offset Heads - Tow Behind - 2023 to Present**  
**70 ft - 21m - 9 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**



## Dual Shoot Offset Heads Tow Behind - 70 ft - 21m - 9 primaries

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty   |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 12<br>N66510 - Divider Head Assembly - 10 Outlet..... 6<br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 4<br>N66508 - Divider Head Assembly - 8 Outlet ..... 14<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 14<br>N66507 - Divider Head Assembly - 7 Outlet ..... 4 |       |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2     |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1     |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1     |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4     |
| 5    | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4     |
| 6    | N66335        | Distribution Pipe Clamp Bracket - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4     |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4     |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1     |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 36    |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36    |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 36).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 108   |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 112   |
| 14   | N66325        | Distribution Pipe Stand - Main .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 15   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10    |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4     |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 64    |
| 18   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2     |
| 19   | D-4932        | U-Bolt - 3/8 x 4 1/8 x 3 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10    |
| 21   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 72    |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20    |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8     |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2     |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20    |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8     |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1875 ft . . 12"SP-1500 ft . . 15"SP-1275 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 375ft |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 350ft |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8     |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12    |
| 36   | N64096        | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8     |
| 37   | N66395        | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2     |
| 38   | N66775        | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6     |
| 39   | N66855        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2     |
| 40   | N66860        | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4     |
| 41   | S65390        | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1     |
| 42   | N67640        | Head Mounting Bracket - Straight.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 43   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8     |

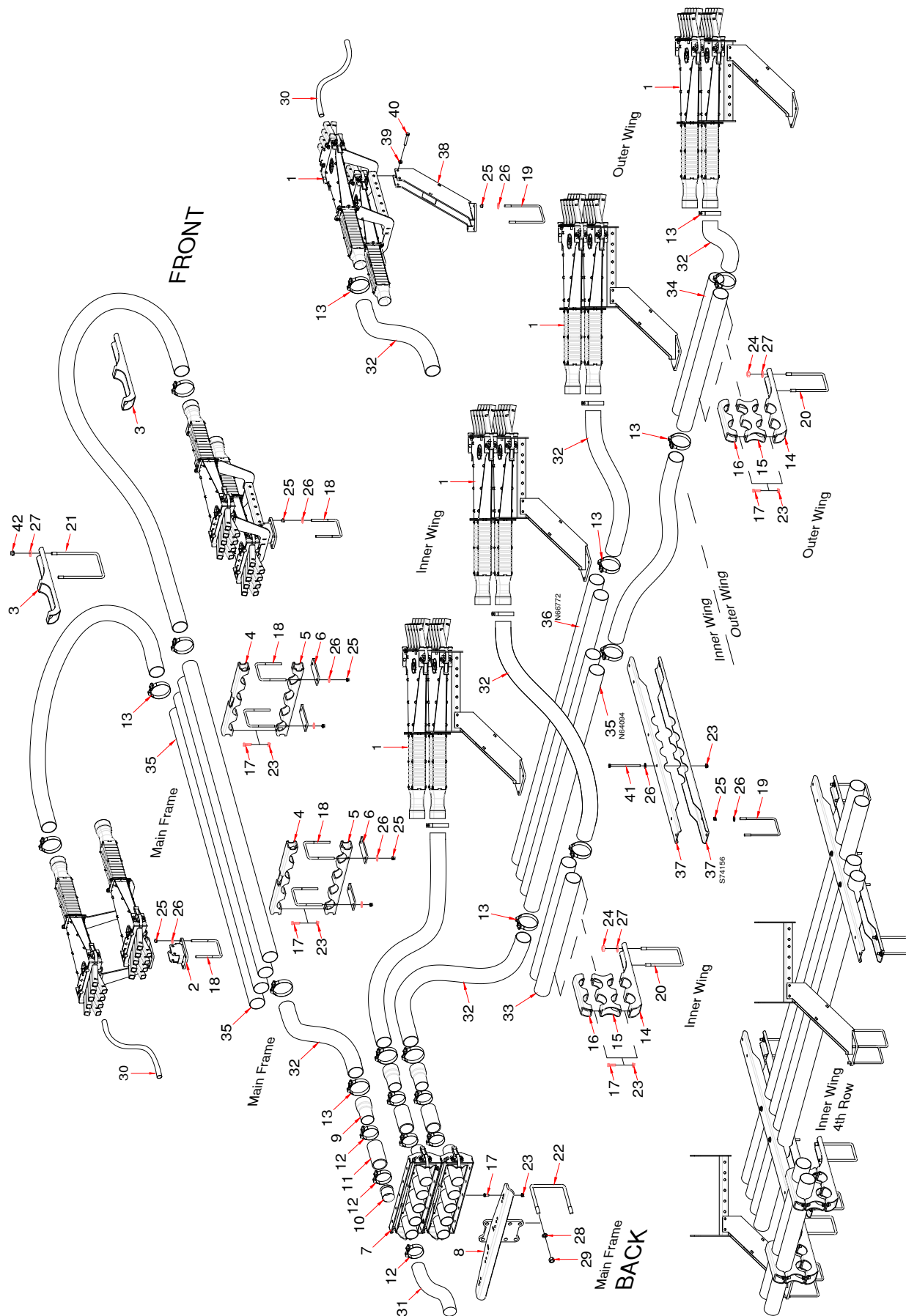
**Dual Shoot - Offset Heads - Tow Behind - 2023 to 2024**  
**80 ft - 24m - 10 primaries - 10 and 12 inch (250 - 300) Spacing**



# Dual Shoot Offset Heads Tow Behind - 80 ft - 24m - 10 primaries - 2023 to 2024

| Item | Part No.      | Description                                                                                                                                                                                                                                                         | Qty     |
|------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1    | *****<br>80ft | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: 97 runs</b><br>N66509 - Divider Head Assembly - 9 Outlet .....<br>N66510 - Divider Head Assembly - 10 Outlet..... | 6<br>14 |
|      | 80ft          | <b>12" (3spacing uses: 82 runs</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet .....                                                                                                                            | 16<br>4 |
| 2    | N67640        | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                              | 2       |
| 3    | N72832        | Distribution Pipe Support .....                                                                                                                                                                                                                                     | 2       |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                | 2       |
| 5    | N72833        | Distribution Pipe Clamp - Front Carriage .....                                                                                                                                                                                                                      | 2       |
| 6    | N72834        | Clamp Plat - Main .....                                                                                                                                                                                                                                             | 4       |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                           | 4       |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                        | 1       |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                          | 20      |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                                                                     | 0       |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                | 20      |
| 12   | N73068        | Hose Clamp -T-Bolt - 2 9/16 - 2 7/8 .....                                                                                                                                                                                                                           | 60      |
| 13   | N73077        | Hose Clamp -T-Bolt - 3 .....                                                                                                                                                                                                                                        | 80      |
| 14   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                      | 8       |
| 15   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                      | 10      |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                | 8       |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                      | 54      |
| 18   | N15098        | U-Bolt - 3/8 x 4 x 5 UL.....                                                                                                                                                                                                                                        | 8       |
| 19   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                            | 16      |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                    | 8       |
| 21   | H21437        | U-Bolt - 1/2 x 6 x 9 UL.....                                                                                                                                                                                                                                        | 4       |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                    | 2       |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                         | 54      |
| 24   | S47110        | Lock Nut - 1/2 Center Lock .....                                                                                                                                                                                                                                    | 20      |
| 25   | 10229         | Locknut - 3/8 Nylock .....                                                                                                                                                                                                                                          | 48      |
| 26   | W-538         | Flat Washer - 7/16.....                                                                                                                                                                                                                                             | 48      |
| 27   | S-766         | Flat Washer - 1/2.....                                                                                                                                                                                                                                              | 24      |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                               | 4       |
| 29   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                     | 4       |
| 30   | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025 .....                                                                                                                                                                                                           | 21      |
|      | N75770        | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                    |         |
|      | N75771        | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                        |         |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                      | 425ft   |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                        |         |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                     | 2       |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> ) .....                                                                                                                                                                                                | 2       |
| 33   | S72398        | Primary Pipe SS - 3 x 36 Lg.....                                                                                                                                                                                                                                    | 4       |
| 34   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                    | 4       |
| 35   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                    | 8       |
| 36   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                    | 4       |
| 37   | N66860        | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                       | 2       |
| 38   | N66775        | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                      | 4       |
| 39   | N66855        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                       | 2       |
| 40   | S72391        | Mount Bracket .....                                                                                                                                                                                                                                                 | 8       |
| 41   | S72979        | Hose Guard.....                                                                                                                                                                                                                                                     | 2       |
| 42   | M-3388        | Locknut - 3/8 Unitorque.....                                                                                                                                                                                                                                        | 20      |
| 43   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                                                                                                                                                                                      | 20      |
| 44   | C26701        | Locknut - 1/2 Nylock .....                                                                                                                                                                                                                                          | 4       |

**Dual Shoot - Offset Heads - Tow Behind - 2025 to Present**  
**80 ft - 24m - 10 primaries - 10 and 12 inch (250 - 300) Spacing**

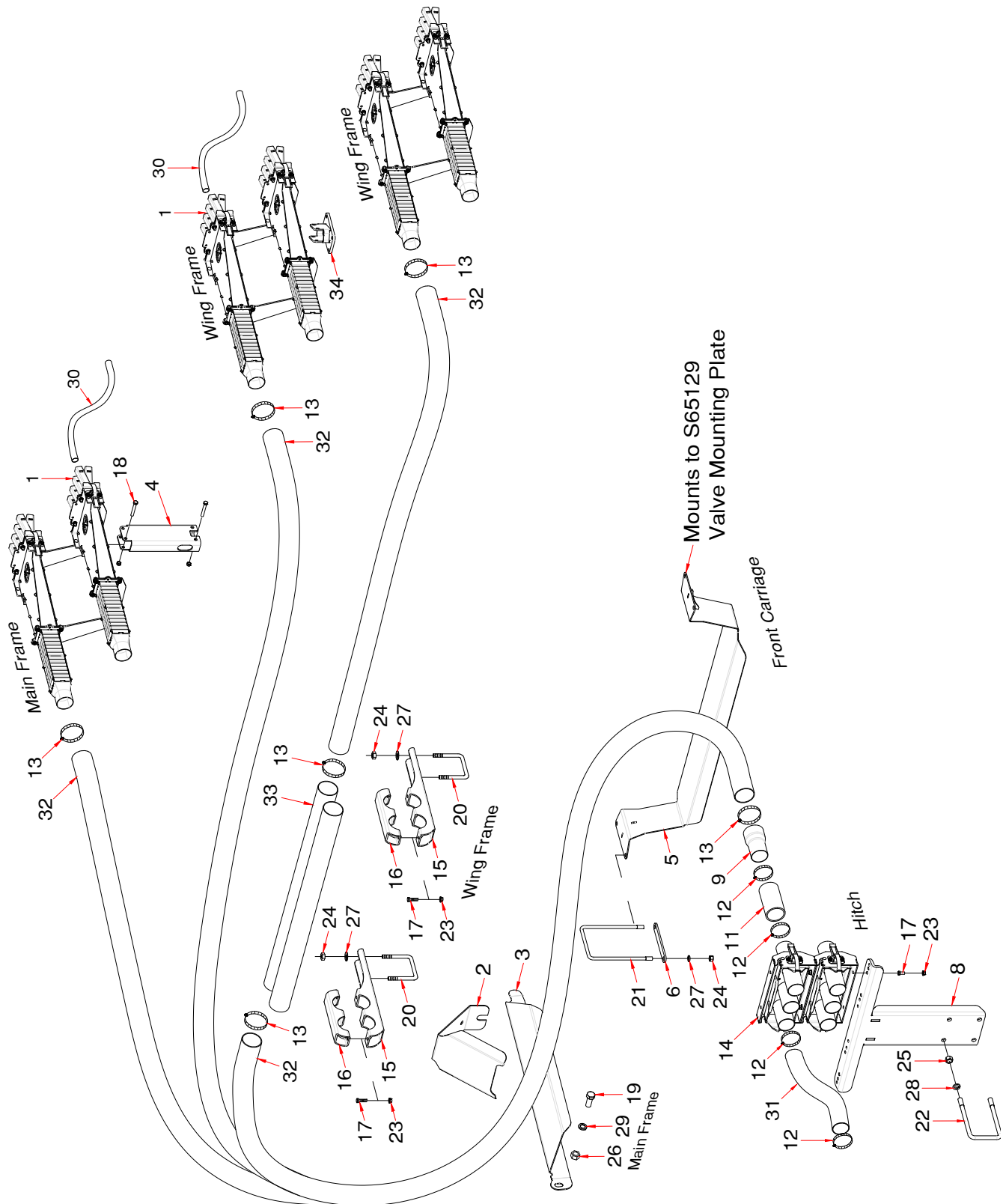




# Dual Shoot Offset Heads Tow Behind - 80 ft - 24m - 10 primaries - 2025 to Present

| Item | Part No.      | Description                                                                                                                                                                                                                                                         | Qty     |
|------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1    | *****<br>80ft | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: 97 runs</b><br>N66509 - Divider Head Assembly - 9 Outlet .....<br>N66510 - Divider Head Assembly - 10 Outlet..... | 6<br>14 |
|      | 80ft          | <b>12" (3spacing uses: 82 runs</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet .....                                                                                                                            | 16<br>4 |
| 2    | N67640        | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                              | 2       |
| 3    | N72832        | Distribution Pipe Support .....                                                                                                                                                                                                                                     | 2       |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                | 2       |
| 5    | N72833        | Distribution Pipe Clamp - Front Carriage .....                                                                                                                                                                                                                      | 2       |
| 6    | N72834        | Clamp Plat - Main .....                                                                                                                                                                                                                                             | 4       |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                           | 4       |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                        | 1       |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                          | 20      |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                                                                     | 0       |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                | 20      |
| 12   | N73068        | Hose Clamp -T-Bolt - 2 9/16 - 2 7/8 .....                                                                                                                                                                                                                           | 60      |
| 13   | N73077        | Hose Clamp -T-Bolt - 3 .....                                                                                                                                                                                                                                        | 80      |
| 14   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                      | 8       |
| 15   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                      | 8       |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                | 8       |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                      | 36      |
| 18   | N15098        | U-Bolt - 3/8 x 4 x 5 UL.....                                                                                                                                                                                                                                        | 8       |
| 19   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                            | 24      |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                    | 8       |
| 21   | H21437        | U-Bolt - 1/2 x 6 x 9 UL.....                                                                                                                                                                                                                                        | 2       |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                    | 2       |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                         | 44      |
| 24   | S47110        | Lock Nut - 1/2 Center Lock .....                                                                                                                                                                                                                                    | 16      |
| 25   | 10229         | Locknut - 3/8 Nylock .....                                                                                                                                                                                                                                          | 60      |
| 26   | W-538         | Flat Washer - 7/16.....                                                                                                                                                                                                                                             | 60      |
| 27   | S-766         | Flat Washer - 1/2.....                                                                                                                                                                                                                                              | 20      |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                               | 4       |
| 29   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                     | 4       |
| 30   | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025 .....                                                                                                                                                                                                           | 21      |
|      | N75770        | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                    |         |
|      | N75771        | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                        |         |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                      | 425ft   |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                        |         |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                     | 2       |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> ) .....                                                                                                                                                                                                | 2       |
| 33   | S72398        | Primary Pipe SS - 3 x 36 Lg.....                                                                                                                                                                                                                                    | 4       |
| 34   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                    | 4       |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                    | 8       |
| 36   | N66772        | Primary Pipe SS - 3 x 108 Lg.....                                                                                                                                                                                                                                   | 4       |
| 37   | S74156        | Mount Bracket.....                                                                                                                                                                                                                                                  | 8       |
| 38   | S72391        | Mount Bracket .....                                                                                                                                                                                                                                                 | 8       |
| 39   | M-3388        | Locknut - 3/8 Unitorque.....                                                                                                                                                                                                                                        | 20      |
| 40   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                                                                                                                                                                                      | 20      |
| 41   | C-3918        | Hex Bolt - 3/8 x 5 Lg.....                                                                                                                                                                                                                                          | 8       |
| 42   | C26701        | Locknut - 1/2 Nylock .....                                                                                                                                                                                                                                          | 4       |

**Dual Shoot - Offset Heads - Tow Between - 2023 to Present**  
**40 ft - 12m - 5 primaries - 12 and 15 inch (300 - 380mm) Spacing**

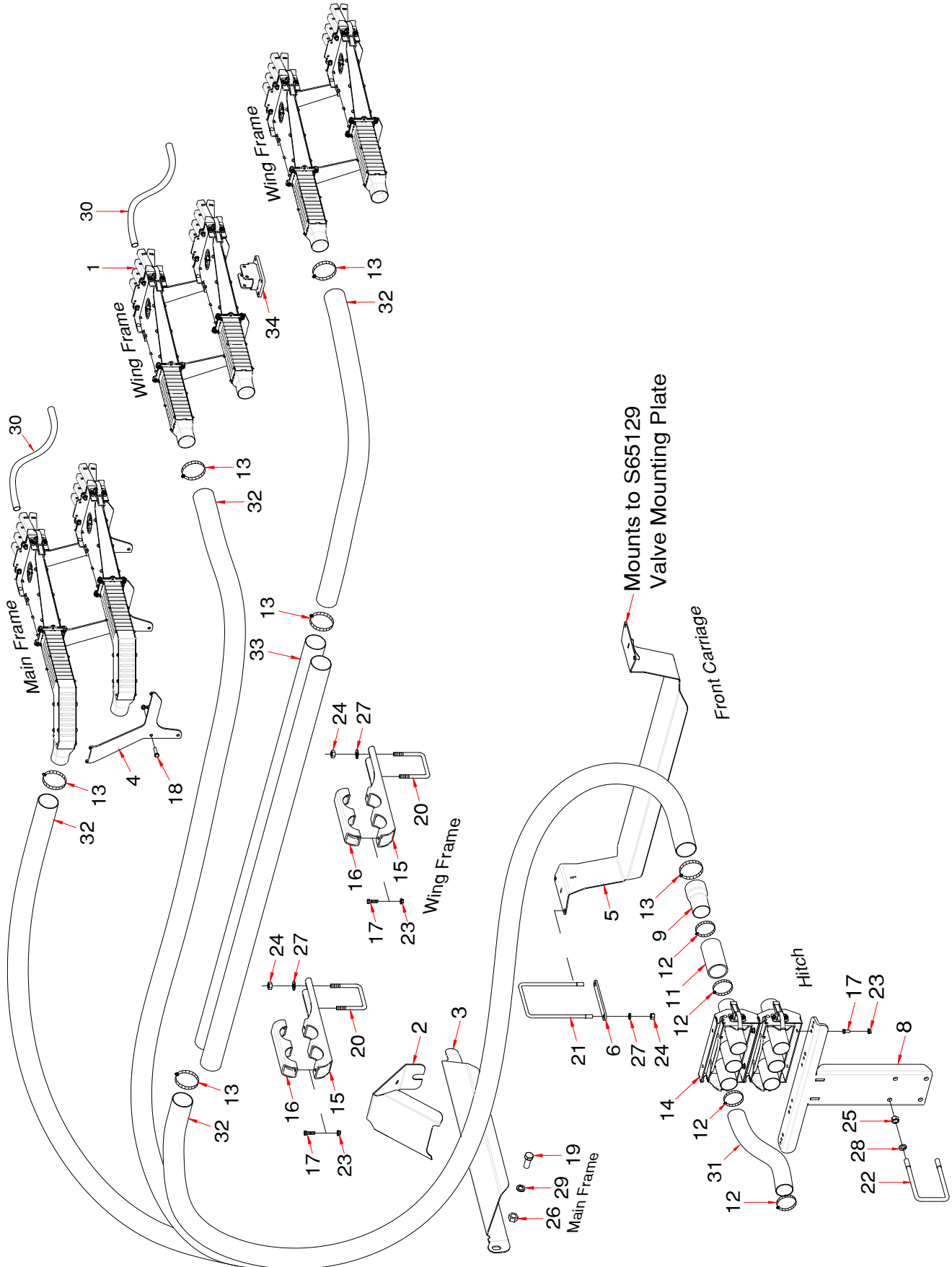




## Dual Shoot Offset Heads Tow Between - 40 ft - 12m - 5 primaries - 2023 to Present

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                    | Qty              |
|------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1    | *****    | <b>For 12 and 15 inch - 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br><br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 10<br><br>6<br>4 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                   | 2                |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                      | 1                |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                             | 1                |
| 4    | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                       | 1                |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                       | 1                |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                                                                                                                                                                             | 1                |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                  |                  |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                  | 1                |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                     | 20               |
| 10   | *****    |                                                                                                                                                                                                                                                                                                                                                |                  |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                           | 20               |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 20).....                                                                                                                                                                                                                                                                                       | 60               |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                              | 28               |
| 14   | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                      | 2                |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                        | 4                |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                  | 4                |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                 | 12               |
| 18   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                                                                                                   | 2                |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                 | 2                |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                               | 4                |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                          | 1                |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                               | 2                |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                    | 12               |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                | 6                |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                | 4                |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                | 2                |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                          | 6                |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                          | 4                |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                          | 2                |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . 12"SP-900 ft . . 15"SP-750 ft                                                                                                                                                                                                                                                                    |                  |
|      | N73085   | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                            |                  |
|      | N75770   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>RED (Fertilizer)</b> - 2026 to Present                                                                                                                                                                                                                                                               |                  |
|      | N75771   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>BLACK (Seed)</b> - 2026 to Present                                                                                                                                                                                                                                                                   |                  |
| 31   | N69294   | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                 | 140ft            |
|      | N72592   | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                   |                  |
| 32   | N75812   | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                | 200ft            |
|      | N75813   | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                 |                  |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                               | 4                |
| 34   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                                                                                                        | 1                |
| 34A  | N67200   | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                                                                                                                  | 1                |
| 35   | N66141   | Dual Head Mounting Plate High Profile - 5 .....                                                                                                                                                                                                                                                                                                | 2                |

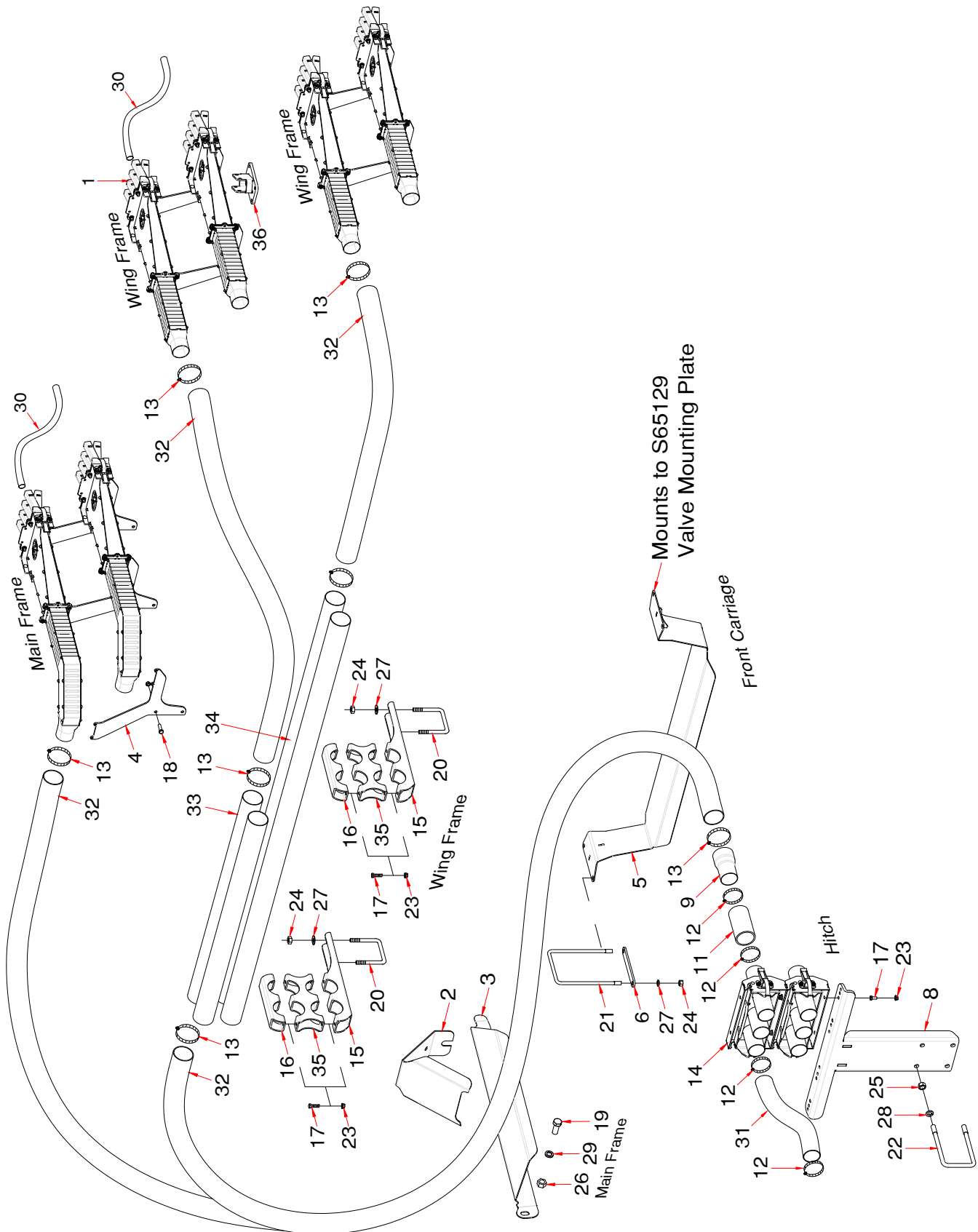
**Dual Shoot - Offset Heads - Tow Between - 2023 to Present**  
**40 ft - 12m - 6 primaries - 10 inch (250mm) Spacing**



## Dual Shoot Offset Heads Tow Between - 40 ft - 12m - 6 primaries - 2023 to Present

| Item | Part No.      | Description                                                                                                                                                                        | Qty      |
|------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | *****         | <b>For 10 - 250mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... | 12       |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                       | 2        |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                          | 1        |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                 | 1        |
| 4    | <b>N72719</b> | <b>Offset Head Mounting Plate - Main Frame .....</b>                                                                                                                               | <b>4</b> |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                           | 1        |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                 | 1        |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                      |          |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                      | 1        |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                         | 12       |
| 10   | *****         |                                                                                                                                                                                    |          |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                               | 12       |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                           | 72       |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                  | 32       |
| 14   | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                          | 4        |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                            | 4        |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                      | 4        |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                     | 12       |
| 18   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg (Refer to Divider Head Assembly for details).....                                                                                                        | 8        |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                     | 2        |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                   | 4        |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                              | 1        |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                   | 2        |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                        | 12       |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                    | 6        |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                    | 4        |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                    | 2        |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                              | 6        |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                              | 4        |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                              | 2        |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) . . 10"SP-1125 ft.....                                                                                                                   | 1125     |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                |          |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                   |          |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                       |          |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                     | 175ft    |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                       |          |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                    | 225ft    |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                     |          |
| 33   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                   | 4        |
| 34   | <b>N67640</b> | <b>Head Mounting Bracket - Straight .....</b>                                                                                                                                      | <b>1</b> |

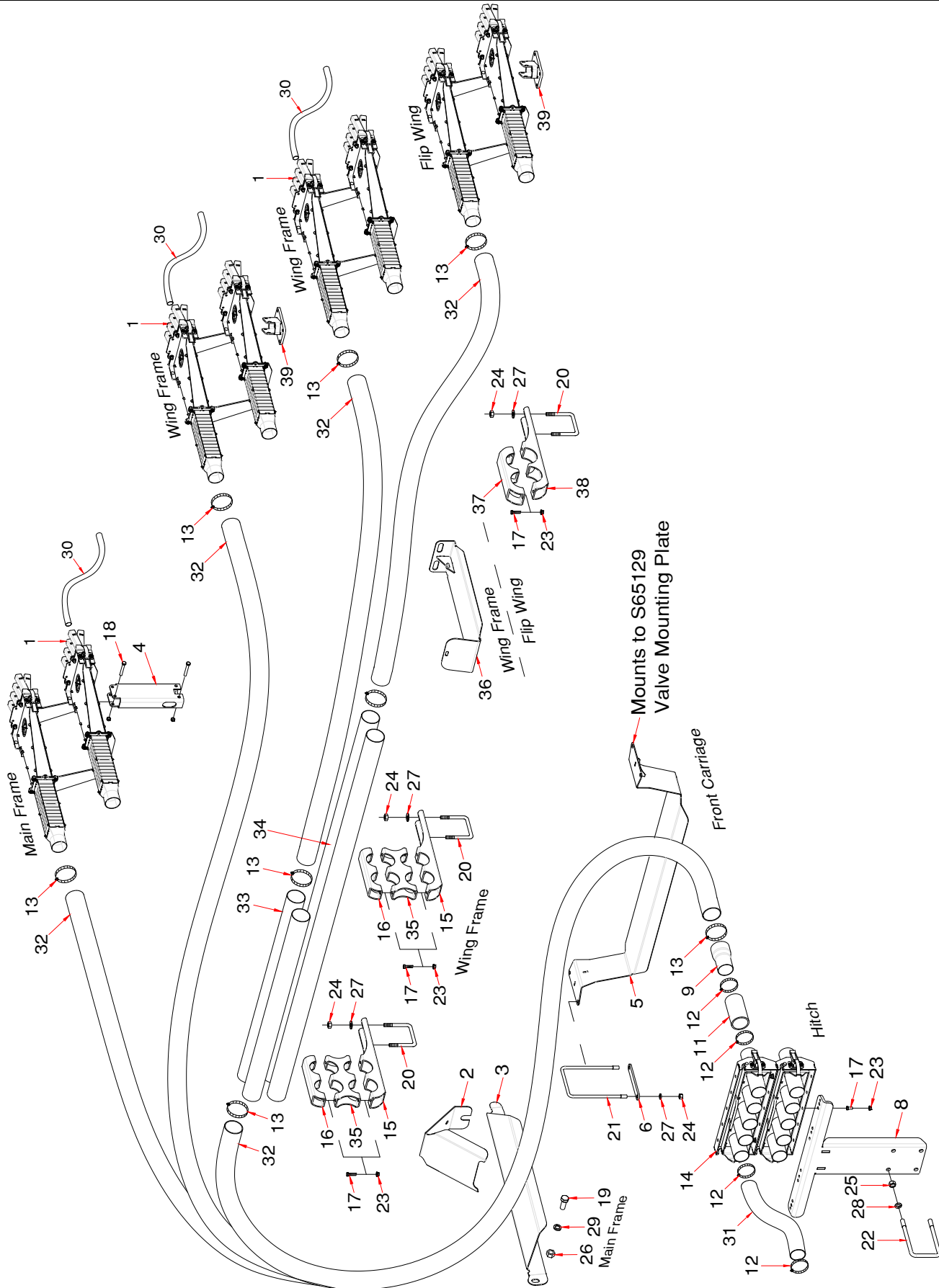
**Dual Shoot - Offset Heads - Tow Between - 2023 to Present**  
**50 ft - 15m - 6 primaries - 15 inch (380mm) Spacing**



## Dual Shoot Offset Heads Tow Between - 50 ft - 15m - 6 primaries - 2023 to Present

| Item | Part No.      | Description                                                                                                                                                                                                                                | Qty      |
|------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | *****         | <b>For 15 inch - 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet .....<br>N66507 - Divider Head Assembly - 7 Outlet ..... | 4<br>8   |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                               | 2        |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                  | 1        |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                         | 1        |
| 4    | <b>N72719</b> | <b>Offset Head Mounting Plate - Main Frame .....</b>                                                                                                                                                                                       | <b>4</b> |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                   | 1        |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                                                         | 1        |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                              |          |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                                                              | 1        |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                 | 12       |
| 10   | *****         |                                                                                                                                                                                                                                            |          |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                       | 12       |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 24).....                                                                                                                                                                                   | 72       |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                          | 40       |
| 14   | *****         | Quick Coupler - 3 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                  | 4        |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                    | 4        |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                              | 4        |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                             | 20       |
| 18   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                               | 8        |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                             | 2        |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                           | 4        |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                      | 1        |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                           | 2        |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                | 20       |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                            | 6        |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                            | 4        |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                            | 2        |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                      | 6        |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                      | 4        |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                      | 2        |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                                                                                                                                                                                            | 900      |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                        |          |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                           |          |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                               |          |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                             | 175ft    |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                               |          |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                            | 225ft    |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                             |          |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                           | 4        |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                           | 4        |
| 35   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                             | 4        |
| 36   | N67202        | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                    | 1        |
| 36A  | N67200        | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                              | 1        |

**Dual Shoot - Offset Heads - Tow Between - 2023 to Present**  
**50 ft - 15m - 7 primaries - 10 and 12 inch (250 - 300mm) Spacing**

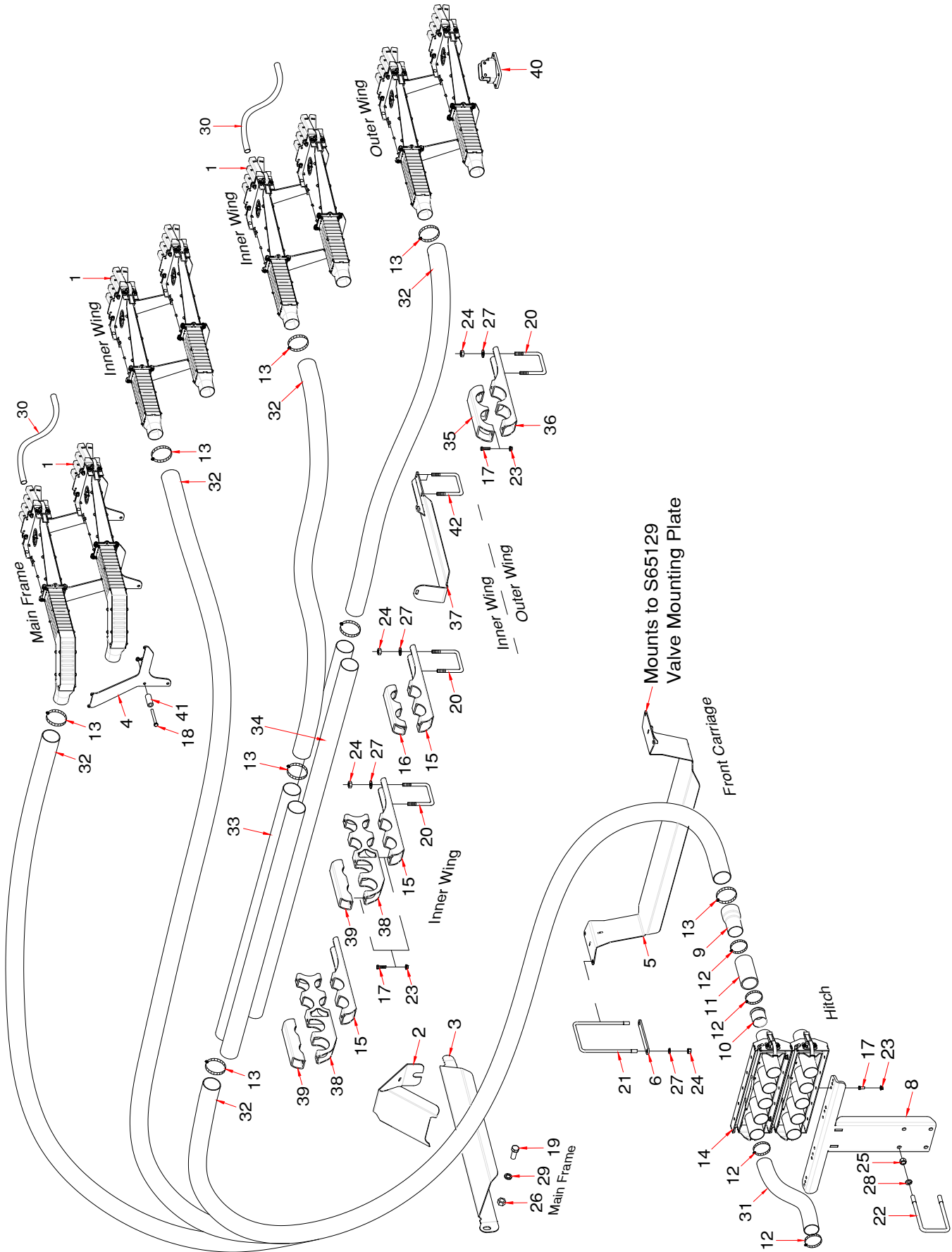


## Dual Shoot Offset Heads Tow Between - 50 ft - 15m - 7 primaries - 2023 to Present

| Item | Part No. | Description                                                                                                                                                                                                                                                 | Qty     |
|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1    | *****    | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet .....<br>N66509 - Divider Head Assembly - 9 Outlet ..... | 6<br>8  |
|      |          | <b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet .....<br>N66508 - Divider Head Assembly - 8 Outlet .....                                                                                                                              | 12<br>2 |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                | 2       |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                   | 1       |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                          | 1       |
| 4    | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                    | 1       |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                    | 1       |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                                                                                          | 1       |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                               |         |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                                                                                               | 1       |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                  | 14      |
| 10   | *****    |                                                                                                                                                                                                                                                             |         |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                        | 14      |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 28).....                                                                                                                                                                                                    | 84      |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                           | 44      |
| 14   | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                   | 4       |
| 15   | N66339   | Distribution Pipe Support Bracket - 2 pipe - Wing .....                                                                                                                                                                                                     | 4       |
| 16   | N66359   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                               | 4       |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                              | 24      |
| 18   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                | 2       |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                              | 2       |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                            | 6       |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                       | 1       |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                            | 2       |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                 | 24      |
| 24   | W-516    | Nut - 1/2 .....                                                                                                                                                                                                                                             | 14      |
| 25   | W-517    | Nut - 5/8 .....                                                                                                                                                                                                                                             | 4       |
| 26   | W-518    | Nut - 3/4 .....                                                                                                                                                                                                                                             | 2       |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                       | 14      |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                       | 4       |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                       | 2       |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1350 ft . . 12"SP-1125 ft . .                                                                                                                                                                               |         |
|      | N73085   | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                         |         |
|      | N75770   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>RED (Fertilizer)</b> - 2026 to Present                                                                                                                                                                            |         |
|      | N75771   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>BLACK (Seed)</b> - 2026 to Present                                                                                                                                                                                |         |
| 31   | N69294   | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                              | 200ft   |
|      | N72592   | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                |         |
| 32   | N75812   | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                             | 300ft   |
|      | N75813   | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                              |         |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                            | 4       |
| 34   | N64094   | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                            | 4       |
| 35   | N66358   | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                              | 4       |
| 36   | N67295   | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                       | 2       |
| 37   | N66374   | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                            | 2       |
| 38   | N66375   | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                  | 2       |
| 39   | N67202   | Head Mounting Bracket - 30 Degree - Right (shown) .....                                                                                                                                                                                                     | 2       |
| 39A  | N67200   | Head Mounting Bracket - 30 Degree - Left.....                                                                                                                                                                                                               | 2       |



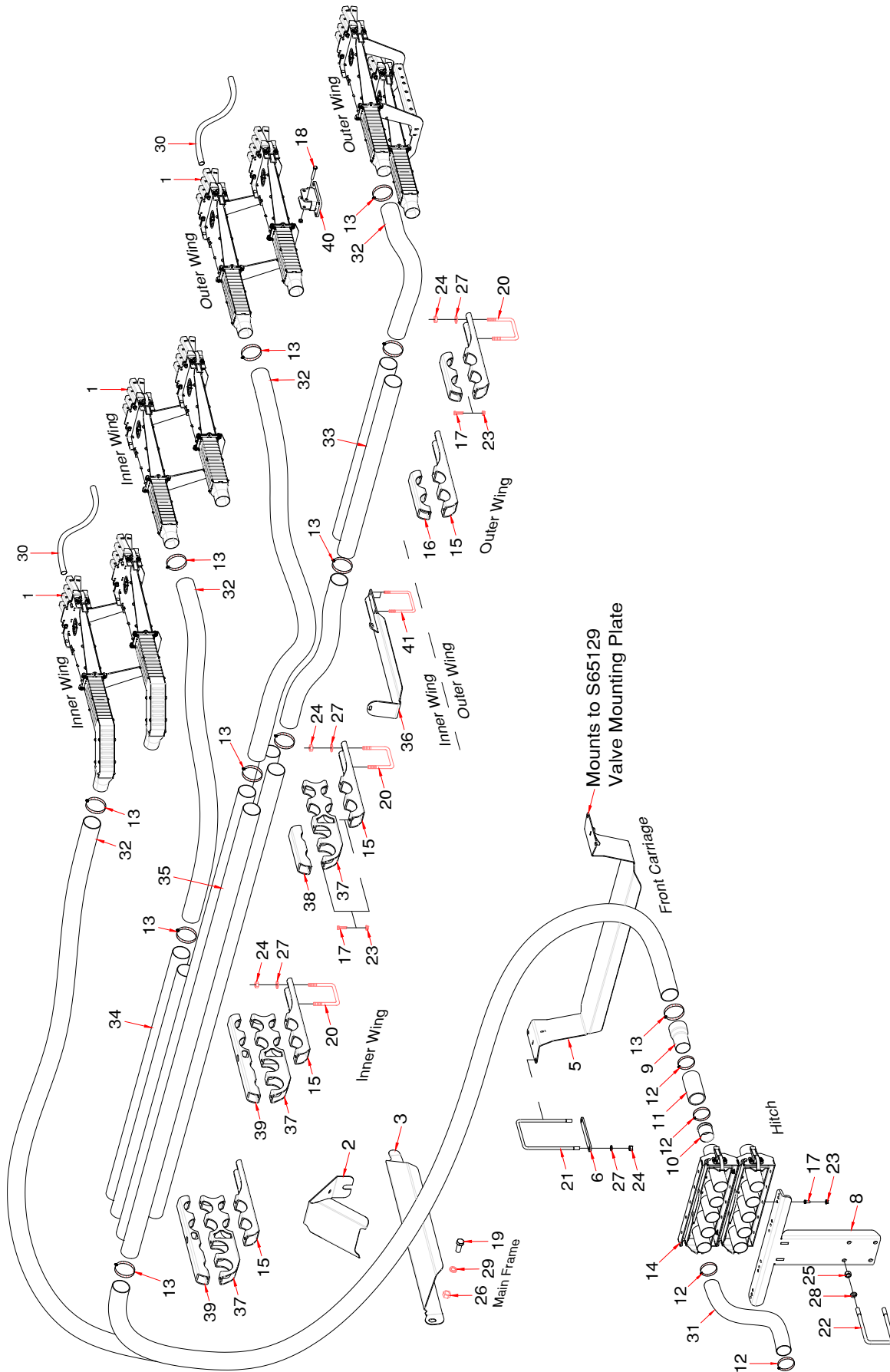
**Dual Shoot - Offset Heads - Tow Between - 2023 to Present**  
**60 ft - 18m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**



## Dual Shoot Offset Heads Tow Between - 60 ft - 18m - 8 primaries - 2023 to Present

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Qty      |
|------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 16<br><br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 8<br>N66508 - Divider Head Assembly - 8 Outlet ..... 8<br><br><b>15" spacing uses 8 # 6 heads</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 16 |          |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2        |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                         | 1        |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                | 1        |
| 4    | <b>N72719</b> | <b>Offset Head Mounting Plate - Main Frame .....</b>                                                                                                                                                                                                                                                                                                                                                                                                              | <b>4</b> |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                          | 1        |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1        |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                                                                                                                                     |          |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1        |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16       |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0        |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                              | 16       |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 32).....                                                                                                                                                                                                                                                                                                                                                                                                          | 96       |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                 | 48       |
| 14   | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                         | 4        |
| 15   | N66339        | Distribution Pipe Support Bracket - 2 pipe - Wing - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                    | 6        |
| 16   | N66359        | Distribution Pipe Clamp - 2 pipe - Wing - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                              | 2        |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28       |
| 18   | S-1299        | Hex Bolt - 3/8 x 4 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                      | 8        |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2        |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8        |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                             | 1        |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2        |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28       |
| 24   | W-516         | Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18       |
| 25   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4        |
| 26   | W-518         | Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2        |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18       |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4        |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2        |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1650 ft . . 12"SP-1350 ft . . 15"SP-1125 ft.                                                                                                                                                                                                                                                                                                                                                                      |          |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                  |          |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                      |          |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                                                                    | 225ft    |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                      |          |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                                                                                   | 325ft    |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| 33   | N66092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4        |
| 34   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4        |
| 35   | N66374        | Distribution Hose Clamp - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                                                                                                  | 2        |
| 36   | N66375        | Distribution Hose Support Bracket - Wing - 3 5/8 Dia .....                                                                                                                                                                                                                                                                                                                                                                                                        | 2        |
| 37   | N66395        | Primary Hose Guide Plate - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                             | 2        |
| 38   | N66775        | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                    | 4        |
| 39   | N66855        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                     | 4        |
| 40   | N67200        | Head Mounting Bracket - 30 Degree - Left (shown).....                                                                                                                                                                                                                                                                                                                                                                                                             | 1        |
| 40A  | N67202        | Head Mounting Bracket - 30 Degree - Right .....                                                                                                                                                                                                                                                                                                                                                                                                                   | 1        |
| 41   | N50842        | Bushings - .385 ID x 5/8 OD x 3 1/4 Lg .....                                                                                                                                                                                                                                                                                                                                                                                                                      | 8        |
| 42   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                          | 8        |

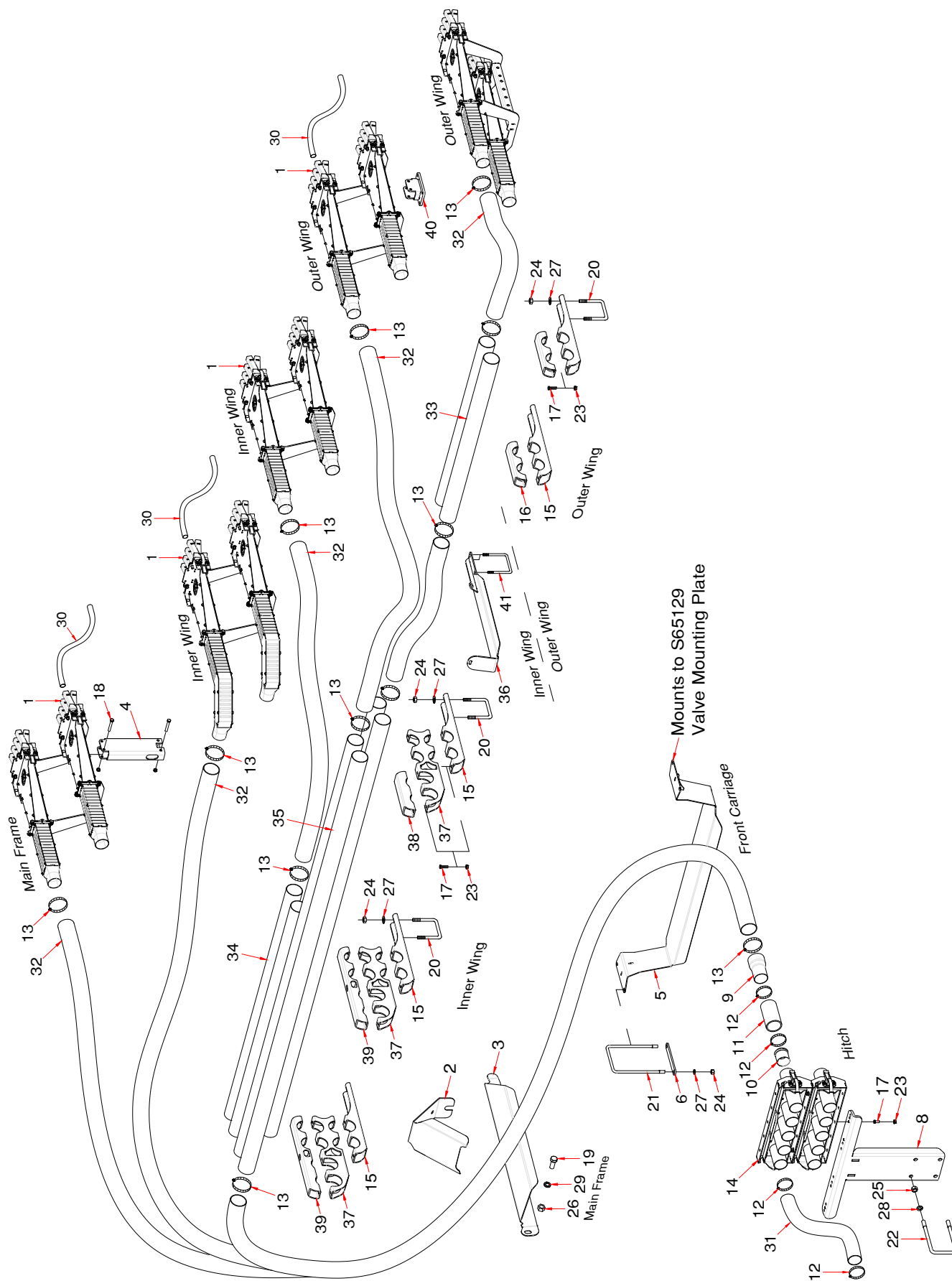
**Dual Shoot - Offset Heads - Tow Between - 2023 to Present**  
**70 ft - 21m - 8 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**



## Dual Shoot Offset Heads Tow Between - 70 ft - 21m - 8 primaries - 2023 to Present

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty   |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****         | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: N/A</b><br>N66510 - Divider Head Assembly - 10 Outlet..... 8<br>* N/A * - Divider Head Assembly - 11 Outlet ..... 8<br><b>12" spacing uses:</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... 4<br>N66509 - Divider Head Assembly - 9 Outlet ..... 12<br><b>15" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 16 |       |
| 2    | S67250        | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2     |
| 3    | S66430        | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1     |
|      | S66435        | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1     |
| 4    | *****         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |
| 5    | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1     |
| 6    | N67274        | Spacer Plate .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1     |
| 7    | N67275        | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| 8    | N66234        | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1     |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 16    |
| 10   | N37920        | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16    |
| 12   | N11905        | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 36).....                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 104   |
| 13   | N64099        | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 66    |
| 14   | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4     |
| 15   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10    |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4     |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 40    |
| 18   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                              | 2     |
| 19   | BW-10         | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2     |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10    |
| 21   | H25628        | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1     |
| 22   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 40    |
| 24   | W-516         | Hex Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 22    |
| 25   | W-517         | Hex Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4     |
| 26   | W-518         | Hex Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2     |
| 27   | W-525         | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 22    |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4     |
| 29   | W-527         | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 30   | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1875 ft . . 12"SP-1500 ft . . 15"SP-1275 ft.                                                                                                                                                                                                                                                                                                                                                                                                              |       |
|      | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                                                                                                            | 250ft |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                                                                                                                           | 400ft |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |
| 33   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 34   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 35   | N64096        | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8     |
| 36   | N66395        | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2     |
| 37   | N66775        | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6     |
| 38   | N66855        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2     |
| 39   | N66860        | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4     |
| 40   | N67640        | Head Mounting Bracket - Straight.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 41   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8     |

**Dual Shoot - Offset Heads - Tow Between - 2023 to Present**  
**70 ft - 21m - 9 primaries - 10, 12 and 15 inch (250 - 300 - 380mm) Spacing**

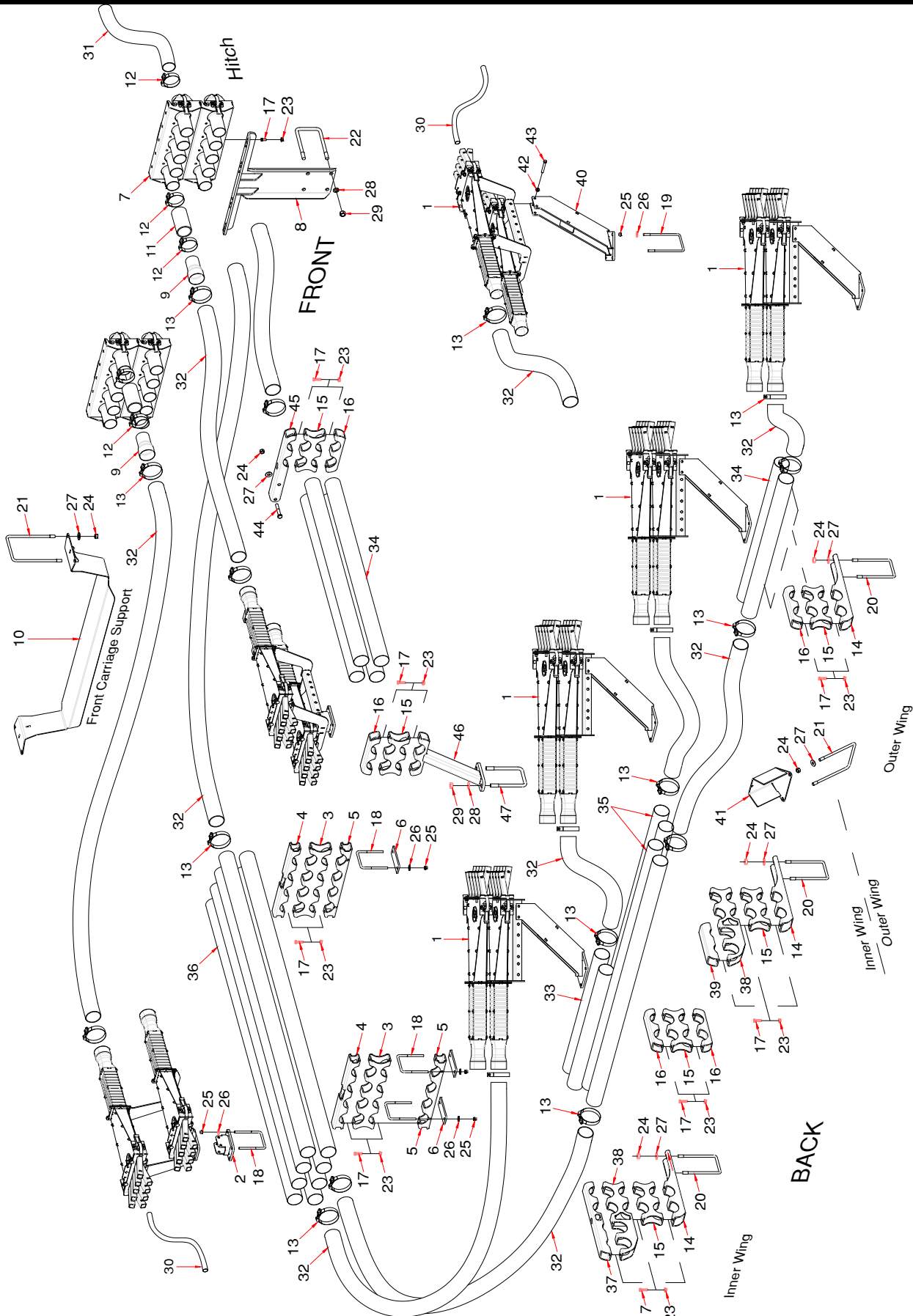


## Dual Shoot Offset Heads Tow Between - 70 ft - 21m - 9 primaries - 2023 to Present

| Item | Part No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Qty   |
|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****    | <b>For 10, 12 and 15 inch - 250mm, 300mm and 380mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses:</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 12<br>N66510 - Divider Head Assembly - 10 Outlet..... 6<br><br><b>12" spacing uses:</b><br>N66507 - Divider Head Assembly - 7 Outlet ..... 4<br>N66508 - Divider Head Assembly - 8 Outlet ..... 14<br><br><b>15" spacing uses:</b><br>N66506 - Divider Head Assembly - 6 Outlet ..... 14<br>N66507 - Divider Head Assembly - 7 Outlet ..... 4 |       |
| 2    | S67250   | Primary Hose Deflector .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 3    | S66430   | Primary Hose Hose Suport - Main - Left side (shown) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1     |
|      | S66435   | Primary Hose Hose Suport - Main - Right side .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1     |
| 4    | S65390   | Divider Head Pedestal - Main Frame .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1     |
| 5    | N67245   | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1     |
| 6    | N67274   | Spacer Plate .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1     |
| 7    | N67275   | Kit - Primary Hose Hose Suport - Between (Includes items 5, 6, 21, 24 and 27)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |
| 8    | N66234   | Coupler Tower - Between .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1     |
| 9    | N64095   | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18    |
| 10   | N37920   | Equalizer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0     |
| 11   | N19428   | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18    |
| 12   | N11905   | Hose Clamp - 2 1/2 - HC5-44 (Air Cart side uses 36).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 108   |
| 13   | N64099   | Hose Clamp - 3 - SSTCH5-400 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 68    |
| 14   | *****    | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4     |
| 15   | N66339   | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10    |
| 16   | N66359   | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4     |
| 17   | W-187    | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40    |
| 18   | W-480    | Hex Bolt - 3/8 x 2 1/2 Lg (Refer to Divider Head Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 19   | BW-10    | Hex Bolt - 3/4 x 1 3/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2     |
| 20   | C-3932   | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10    |
| 21   | H25628   | U-Bolt - 1/2 x 6 1/16 x 9 3/8 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1     |
| 22   | S39649   | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2     |
| 23   | S27987   | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40    |
| 24   | W-516    | Hex Nut - 1/2 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 22    |
| 25   | W-517    | Hex Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4     |
| 26   | W-518    | Hex Nut - 3/4 .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2     |
| 27   | W-525    | Lockwasher - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22    |
| 28   | W-526    | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4     |
| 29   | W-527    | Lockwasher - 3/4.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2     |
| 30   | R480034  | Hose - .929 ID x 1.169 OD/ft (75 ft roll) 10"SP-1875 ft . . 12"SP-1500 ft . . 15"SP-1275 ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|      | N73085   | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |
|      | N75770   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>RED (Fertilizer)</b> - 2026 to Present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
|      | N75771   | Hose - 1 ID x 1.250 OD (100 ft roll) - <b>BLACK (Seed)</b> - 2026 to Present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 31   | N69294   | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 250ft |
|      | N72592   | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 32   | N75812   | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 400ft |
|      | N75813   | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| 33   | N66396   | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4     |
| 34   | N64092   | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4     |
| 35   | N64096   | Primary Pipe SS - 3 x 120 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8     |
| 36   | N66395   | Primary Hose Guide Plate.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 37   | N66775   | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6     |
| 38   | N66855   | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2     |
| 39   | N66860   | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4     |
| 40   | N67640   | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2     |
| 41   | N19723   | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8     |



**Dual Shoot - Offset Heads - Tow Between - 2023 to 2024**  
**80 ft - 24m - 10 primaries - 10 and 12 inch (250 - 300) Spacing**

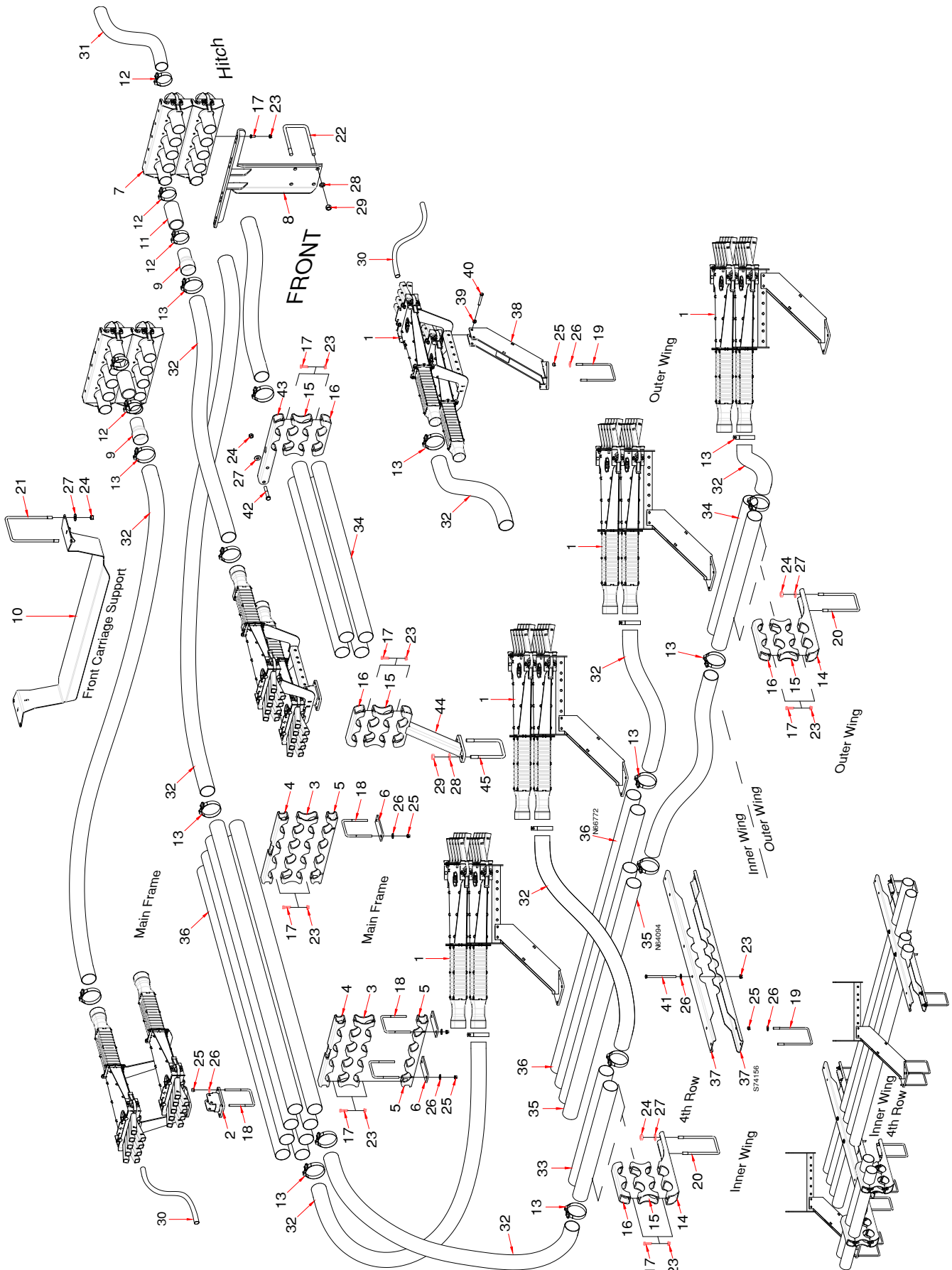




## Dual Shoot Offset Heads Tow Between - 80 ft - 24m - 10 primaries - 2023 to 2024

| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                             | Qty   |
|------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****         | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: 97 runs</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 6<br>N66510 - Divider Head Assembly - 10 Outlet..... 14<br><b>12" spacing uses: 82 runs</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... 16<br>N66509 - Divider Head Assembly - 9 Outlet ..... 4 |       |
| 2    | N67640        | Head Mounting Bracket - Straight.....                                                                                                                                                                                                                                                                                                                                                                                   | 2     |
| 3    | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                                   | 2     |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                    | 2     |
| 5    | N72833        | Distribution Pipe Clamp - Front Carriage .....                                                                                                                                                                                                                                                                                                                                                                          | 2     |
| 6    | N72834        | Clamp Plat - Main .....                                                                                                                                                                                                                                                                                                                                                                                                 | 4     |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                               | 4     |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                            | 1     |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                              | 20    |
| 10   | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                | 1     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                    | 20    |
| 12   | N73068        | Hose Clamp -T-Bolt - 2 9/16 - 2 7/8 .....                                                                                                                                                                                                                                                                                                                                                                               | 40    |
| 13   | N73077        | Hose Clamp -T-Bolt - 3 .....                                                                                                                                                                                                                                                                                                                                                                                            | 104   |
| 14   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                          | 8     |
| 15   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                          | 14    |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                    | 12    |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                          | 74    |
| 18   | N15098        | U-Bolt - 3/8 x 4 x 5 UL.....                                                                                                                                                                                                                                                                                                                                                                                            | 8     |
| 19   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                | 16    |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                        | 8     |
| 21   | H21437        | U-Bolt - 1/2 x 6 x 9 UL.....                                                                                                                                                                                                                                                                                                                                                                                            | 4     |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                        | 2     |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                             | 74    |
| 24   | S47110        | Lock Nut - 1/2 Center Lock .....                                                                                                                                                                                                                                                                                                                                                                                        | 28    |
| 25   | 10229         | Locknut - 3/8 Nylock .....                                                                                                                                                                                                                                                                                                                                                                                              | 48    |
| 26   | W-538         | Flat Washer - 7/16.....                                                                                                                                                                                                                                                                                                                                                                                                 | 48    |
| 27   | S-766         | Flat Washer - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                  | 28    |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                   | 8     |
| 29   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                         | 8     |
| 30   | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) .....                                                                                                                                                                                                                                                                                                                                                                              | 21    |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                        |       |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                            |       |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                          | 275ft |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> ) .....                                                                                                                                                                                                                                                                                                                      |       |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                                         | 2     |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> ) .....                                                                                                                                                                                                                                                                                                                                                    | 2     |
| 33   | S72398        | Primary Pipe SS - 3 x 36 Lg.....                                                                                                                                                                                                                                                                                                                                                                                        | 4     |
| 34   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                        | 12    |
| 35   | N64092        | Primary Pipe SS - 3 x 72 Lg.....                                                                                                                                                                                                                                                                                                                                                                                        | 8     |
| 36   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                        | 8     |
| 37   | N66860        | Distribution Pipe Clamp - 4 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                           | 2     |
| 38   | N66775        | Distribution Pipe Spacer - 6 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 39   | N66855        | Distribution Pipe Clamp - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                           | 2     |
| 40   | S72391        | Mount Bracket .....                                                                                                                                                                                                                                                                                                                                                                                                     | 8     |
| 41   | S72979        | Hose Guard.....                                                                                                                                                                                                                                                                                                                                                                                                         | 2     |
| 42   | M-3388        | Locknut - 3/8 Unitorque.....                                                                                                                                                                                                                                                                                                                                                                                            | 20    |
| 43   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                                                                                                                                                                                                                                                                                                                                          | 20    |
| 44   | W-492         | Hex Bolt - 1/2 x 3 Lg.....                                                                                                                                                                                                                                                                                                                                                                                              | 4     |
| 45   | N73189        | Distribution Pipe Clamp - 2 pipe .....                                                                                                                                                                                                                                                                                                                                                                                  | 2     |
| 46   | N73186        | Distribution Pipe Stand - 2 pipe .....                                                                                                                                                                                                                                                                                                                                                                                  | 2     |
| 47   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                        | 4     |

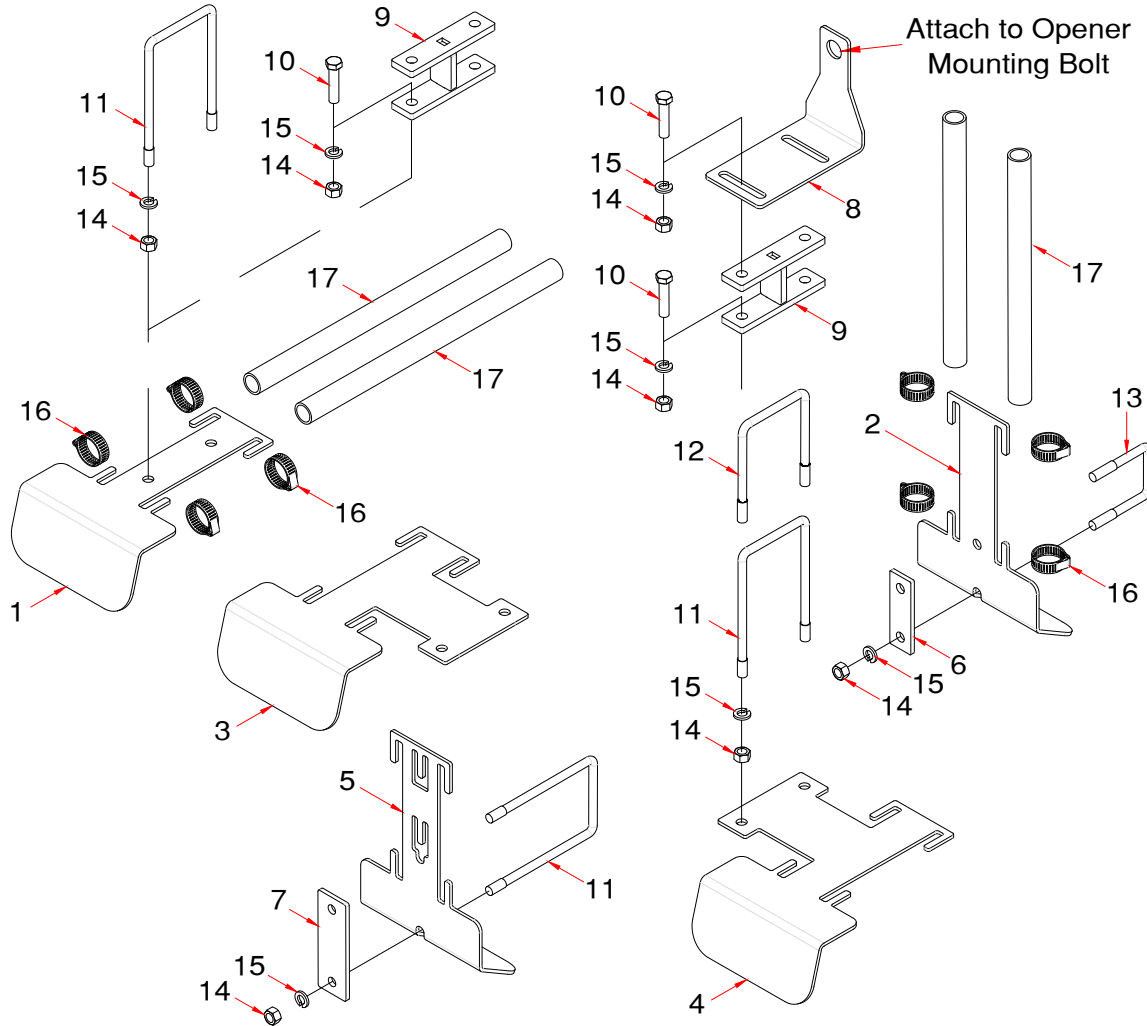
**Dual Shoot - Offset Heads - Tow Between - 2025 to Present**  
**80 ft - 24m - 10 primaries - 10 and 12 inch (250 - 300) Spacing**



## Dual Shoot Offset Heads Tow Between - 80 ft - 24m - 10 primaries - 2025 to Present

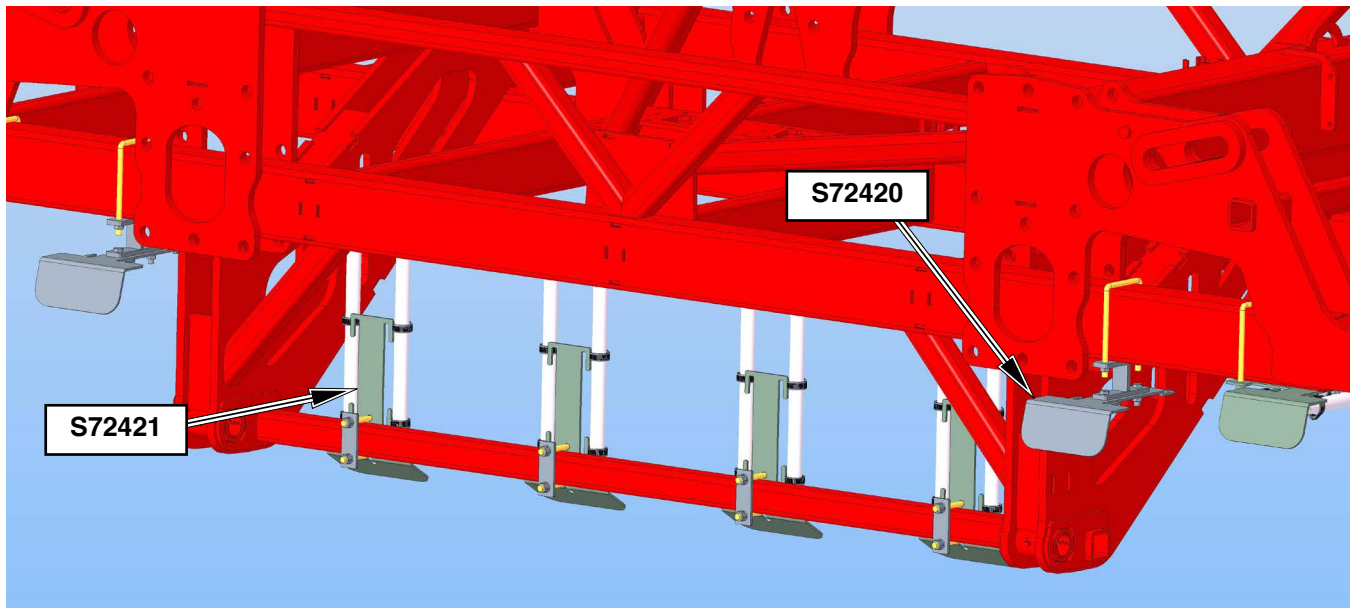
| Item | Part No.      | Description                                                                                                                                                                                                                                                                                                                                                                                                                 | Qty   |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1    | *****         | <b>For 10 and 12 inch - 250mm and 300mm spacing</b><br>Divider Head Assembly (Refer to Divider Head Assembly for details)<br><b>10" spacing uses: 97 runs</b><br>N66509 - Divider Head Assembly - 9 Outlet ..... 6<br>N66510 - Divider Head Assembly - 10 Outlet..... 14<br><br><b>12" spacing uses: 82 runs</b><br>N66508 - Divider Head Assembly - 8 Outlet ..... 16<br>N66509 - Divider Head Assembly - 9 Outlet ..... 4 |       |
| 2    | N67640        | Head Mounting Bracket - Straight .....                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 3    | N66322        | Distribution Pipe Spacer - Main .....                                                                                                                                                                                                                                                                                                                                                                                       | 2     |
| 4    | N66321        | Distribution Pipe Clamp - Main .....                                                                                                                                                                                                                                                                                                                                                                                        | 2     |
| 5    | N72833        | Distribution Pipe Clamp - Front Carriage .....                                                                                                                                                                                                                                                                                                                                                                              | 2     |
| 6    | N72834        | Clamp Plat - Main .....                                                                                                                                                                                                                                                                                                                                                                                                     | 4     |
| 7    | *****         | Quick Coupler - 5 Run (Refer to Quick Coupler Assembly for details) .....                                                                                                                                                                                                                                                                                                                                                   | 4     |
| 8    | N53203        | Coupler Tower - Behind .....                                                                                                                                                                                                                                                                                                                                                                                                | 1     |
| 9    | N64095        | Primary Hose Adapter .....                                                                                                                                                                                                                                                                                                                                                                                                  | 20    |
| 10   | N67245        | Primary Hose Hose Suport - Between .....                                                                                                                                                                                                                                                                                                                                                                                    | 1     |
| 11   | N19428        | Hose - 2.54 ID x 2.79 OD x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                        | 20    |
| 12   | N73068        | Hose Clamp -T-Bolt - 2 9/16 - 2 7/8 .....                                                                                                                                                                                                                                                                                                                                                                                   | 40    |
| 13   | N73077        | Hose Clamp -T-Bolt - 3 .....                                                                                                                                                                                                                                                                                                                                                                                                | 104   |
| 14   | N66339        | Distribution Pipe Support Bracket - Wing .....                                                                                                                                                                                                                                                                                                                                                                              | 8     |
| 15   | N66358        | Distribution Pipe Spacer - 2 pipe - Wing .....                                                                                                                                                                                                                                                                                                                                                                              | 8     |
| 16   | N66359        | Distribution Pipe Clamp - Wing .....                                                                                                                                                                                                                                                                                                                                                                                        | 12    |
| 17   | W-187         | Hex Bolt - 3/8 x 1 1/4 Lg.....                                                                                                                                                                                                                                                                                                                                                                                              | 56    |
| 18   | N15098        | U-Bolt - 3/8 x 4 x 5 UL.....                                                                                                                                                                                                                                                                                                                                                                                                | 8     |
| 19   | N19723        | U-Bolt - 3/8 x 4 1/16 x 6 15/16 UL .....                                                                                                                                                                                                                                                                                                                                                                                    | 16    |
| 20   | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                            | 8     |
| 21   | H21437        | U-Bolt - 1/2 x 6 x 9 UL.....                                                                                                                                                                                                                                                                                                                                                                                                | 4     |
| 22   | F-4642        | U-Bolt - 5/8 x 6 x 5 1/2 UL.....                                                                                                                                                                                                                                                                                                                                                                                            | 2     |
| 23   | S27987        | Locknut - 3/8 Serrated.....                                                                                                                                                                                                                                                                                                                                                                                                 | 64    |
| 24   | S47110        | Lock Nut - 1/2 Center Lock .....                                                                                                                                                                                                                                                                                                                                                                                            | 28    |
| 25   | 10229         | Locknut - 3/8 Nylock .....                                                                                                                                                                                                                                                                                                                                                                                                  | 60    |
| 26   | W-538         | Flat Washer - 7/16.....                                                                                                                                                                                                                                                                                                                                                                                                     | 60    |
| 27   | S-766         | Flat Washer - 1/2.....                                                                                                                                                                                                                                                                                                                                                                                                      | 28    |
| 28   | W-526         | Lockwasher - 5/8.....                                                                                                                                                                                                                                                                                                                                                                                                       | 8     |
| 29   | W-517         | Nut - 5/8 .....                                                                                                                                                                                                                                                                                                                                                                                                             | 8     |
| 30   | N73085        | Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to 2025 .....                                                                                                                                                                                                                                                                                                                                                                   | 21    |
|      | <b>N75770</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - RED (Fertilizer) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                            |       |
|      | <b>N75771</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - BLACK (Seed) - 2026 to Present</b>                                                                                                                                                                                                                                                                                                                                                |       |
| 31   | N69294        | Hose - 2 1/2 ID x 100 ft roll - <b>Black</b> (Air Cart side of couplers) ( <b>Seed</b> ) .....                                                                                                                                                                                                                                                                                                                              | 275ft |
|      | N72592        | Hose - 2 1/2 ID x 100 ft roll - <b>Red</b> (Air Cart side of couplers) ( <b>Fertilizer</b> )                                                                                                                                                                                                                                                                                                                                |       |
| 32   | N75812        | Hose - 3 ID x 100 ft roll - <b>Black</b> - ( <b>Seed</b> ).....                                                                                                                                                                                                                                                                                                                                                             | 2     |
|      | N75813        | Hose - 3 ID x 100 ft roll - <b>Red</b> - ( <b>Fertilizer</b> ) .....                                                                                                                                                                                                                                                                                                                                                        | 2     |
| 33   | S72398        | Primary Pipe SS - 3 x 36 Lg.....                                                                                                                                                                                                                                                                                                                                                                                            | 4     |
| 34   | N66396        | Primary Pipe SS - 3 x 48 Lg.....                                                                                                                                                                                                                                                                                                                                                                                            | 12    |
| 35   | N64094        | Primary Pipe SS - 3 x 96 Lg.....                                                                                                                                                                                                                                                                                                                                                                                            | 8     |
| 36   | N66772        | Primary Pipe SS - 3 x 108 Lg .....                                                                                                                                                                                                                                                                                                                                                                                          | 4     |
| 37   | S74156        | Mount Bracket .....                                                                                                                                                                                                                                                                                                                                                                                                         | 8     |
| 38   | S72391        | Mount Bracket .....                                                                                                                                                                                                                                                                                                                                                                                                         | 8     |
| 39   | M-3388        | Locknut - 3/8 Unitorque.....                                                                                                                                                                                                                                                                                                                                                                                                | 20    |
| 40   | W-480         | Hex Bolt - 3/8 x 2 1/2 Lg.....                                                                                                                                                                                                                                                                                                                                                                                              | 20    |
| 41   | C-3918        | Hex Bolt - 3/8 x 5 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                  | 8     |
| 42   | W-492         | Hex Bolt - 1/2 x 3 Lg.....                                                                                                                                                                                                                                                                                                                                                                                                  | 4     |
| 43   | N73189        | Distribution Pipe Clamp - 2 pipe .....                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 44   | N73186        | Distribution Pipe Stand - 2 pipe .....                                                                                                                                                                                                                                                                                                                                                                                      | 2     |
| 45   | S39649        | U-Bolt - 5/8 x 4 x 7 3/4 UL.....                                                                                                                                                                                                                                                                                                                                                                                            | 4     |

## Broadcast Kit 10 and 12 inch (250 - 300mm) Spacing

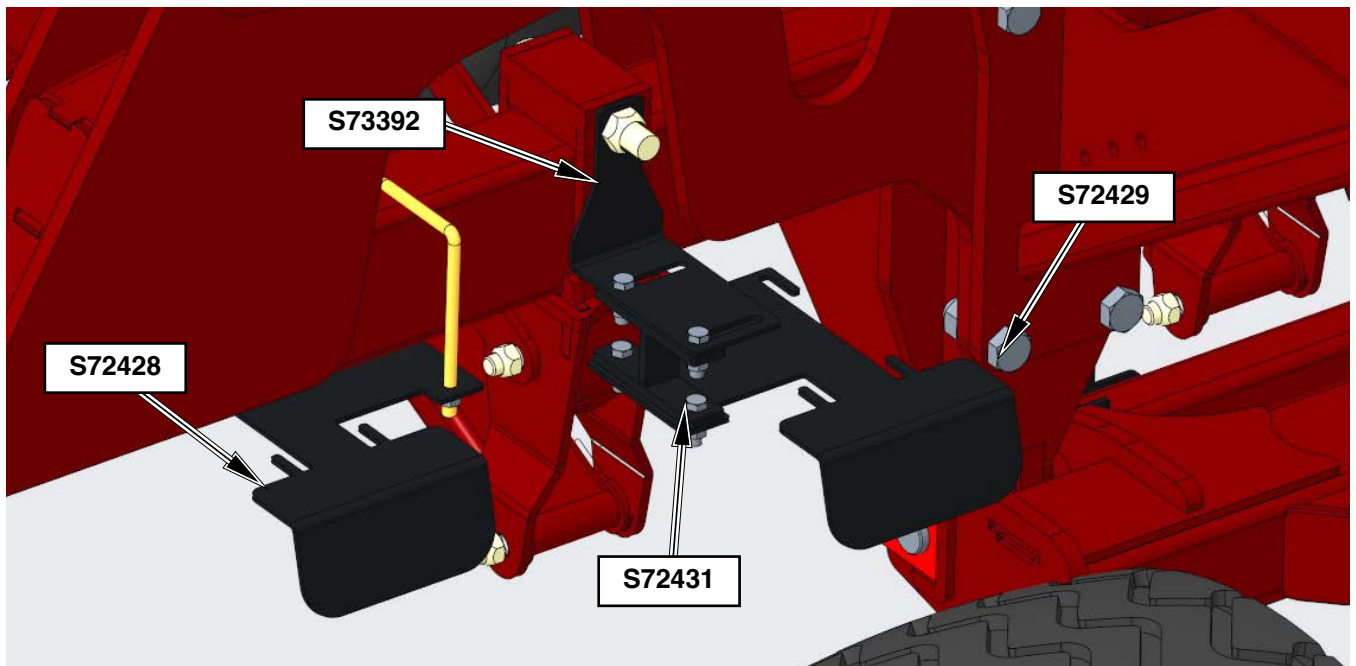


| Item                                               | Part No.      | Description                                                                  | Qty   |
|----------------------------------------------------|---------------|------------------------------------------------------------------------------|-------|
| 1                                                  | S72420        | Deflector - Wing.....                                                        | AsReq |
| 2                                                  | S72421        | Deflector - Main.....                                                        | AsReq |
| 3                                                  | S72428        | Deflector - Right.....                                                       | AsReq |
| 4                                                  | S72429        | Deflector - Left.....                                                        | AsReq |
| 5                                                  | S73224        | Deflector - Main - 80ft.....                                                 | 1     |
| <b>Quantities below are per Deflector Assembly</b> |               |                                                                              |       |
| 6                                                  | S72422        | Clamp.....                                                                   | 1     |
| 7                                                  | S72395        | Clamp - 80 ft.....                                                           | 1     |
| 8                                                  | S73392        | Bracket - 80ft.....                                                          | 1     |
| 9                                                  | S72431        | Shank Mount Spacer .....                                                     | 1     |
| 10                                                 | S-1192        | Hex Bolt - 1/2 x 1 1/2 Lg.....                                               | 2     |
| 11                                                 | C-3932        | U-Bolt - 1/2 x 4 x 7 1/4 UL.....                                             | 1     |
| 12                                                 | S-1934        | U-Bolt - 1/2 x 4 x 5 9/16 UL (Only used on 80ft Flip Wing 2 per Drill) ..... | 1     |
| 13                                                 | D-4825        | U-Bolt - 1/2 x 2 1/2 x 3 3/4 UL.....                                         | 1     |
| 14                                                 | W-516         | Hex Nut - 1/2.....                                                           | 2     |
| 15                                                 | W-525         | Lockwasher - 1/2.....                                                        | 2     |
| 16                                                 | N11470        | Hose Clamp - 1 - HC5-20 .....                                                | 4     |
| 17                                                 | R480034       | Hose - .929 ID x 1.169 OD/ft (75 ft roll) .....                              | AsReq |
|                                                    | <b>N73085</b> | <b>Hose - 1 ID x 1.250 OD (100 ft roll) - 2023 to Present</b>                |       |

## Broadcast Kit



Main Frame - 60 ft 10 inch spacing shown



Main Frame - 80 ft 10 inch spacing shown

## Notes

## Section 6: Options

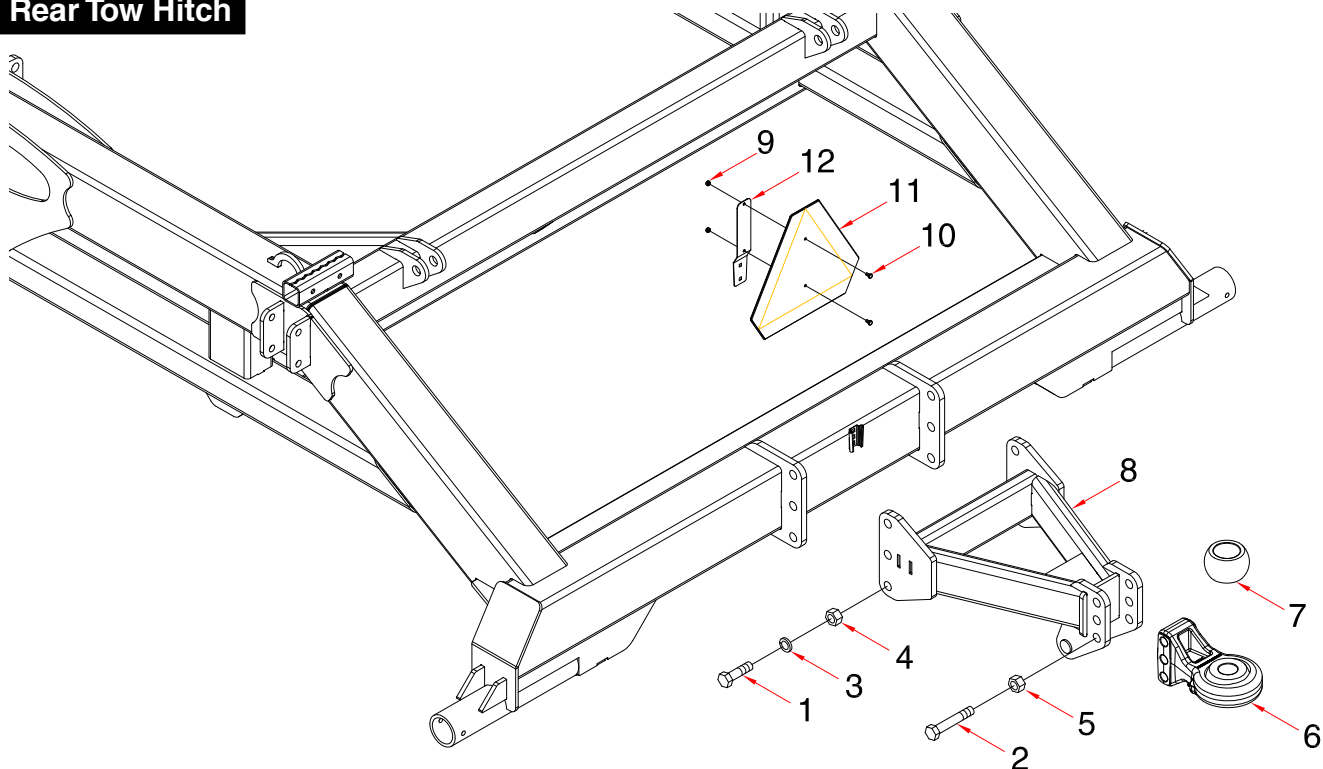
### Section Contents

|                            |      |
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| Remote Clutch Switch ..... | 6-3  |
| 4th Row Kit .....          | 6-4  |
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| 50 ft - 15m .....          | 6-6  |
| 60 ft - 18m .....          | 6-8  |
| 70 ft - 21m .....          | 6-10 |
| Weight Kit .....           | 6-12 |



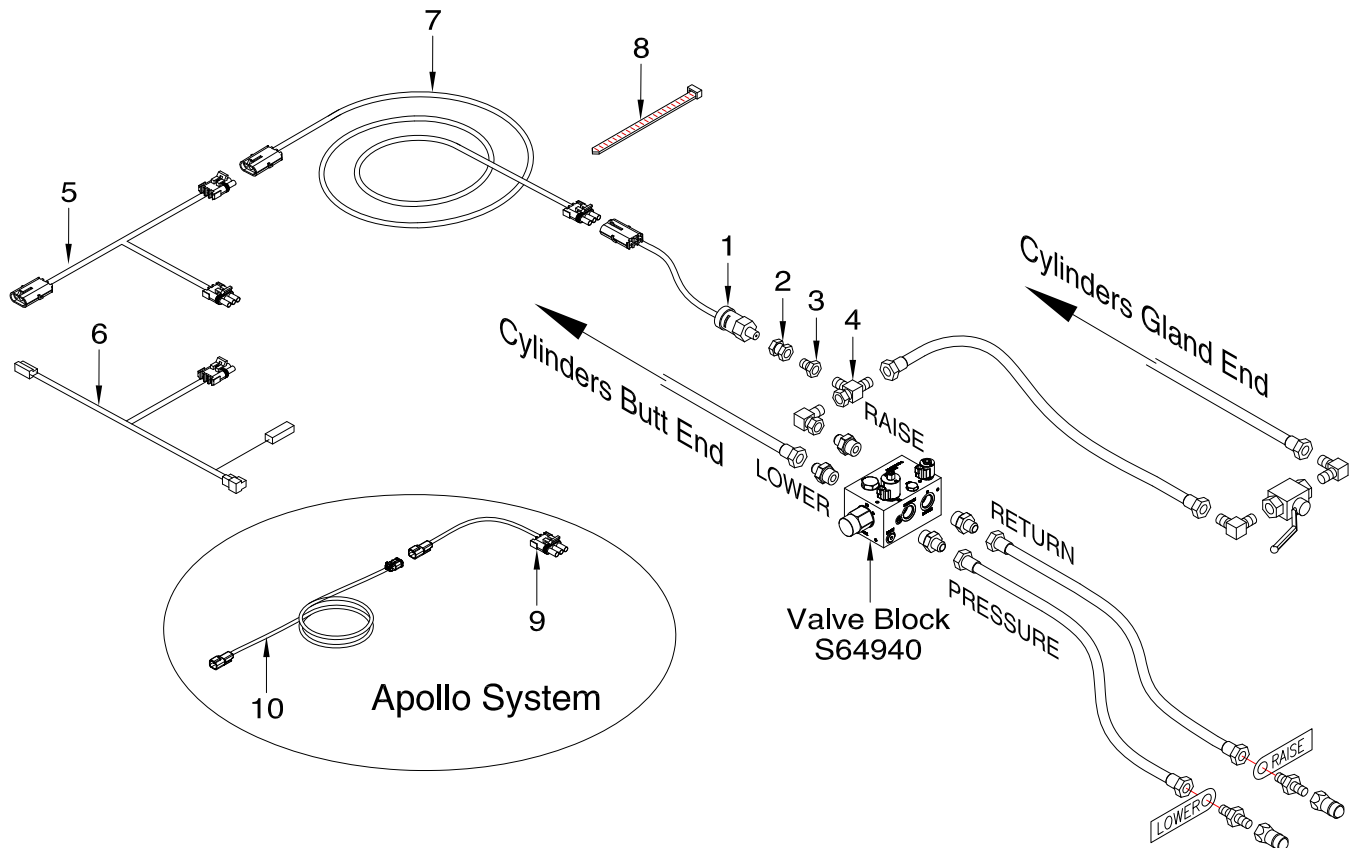
# Options

## Rear Tow Hitch



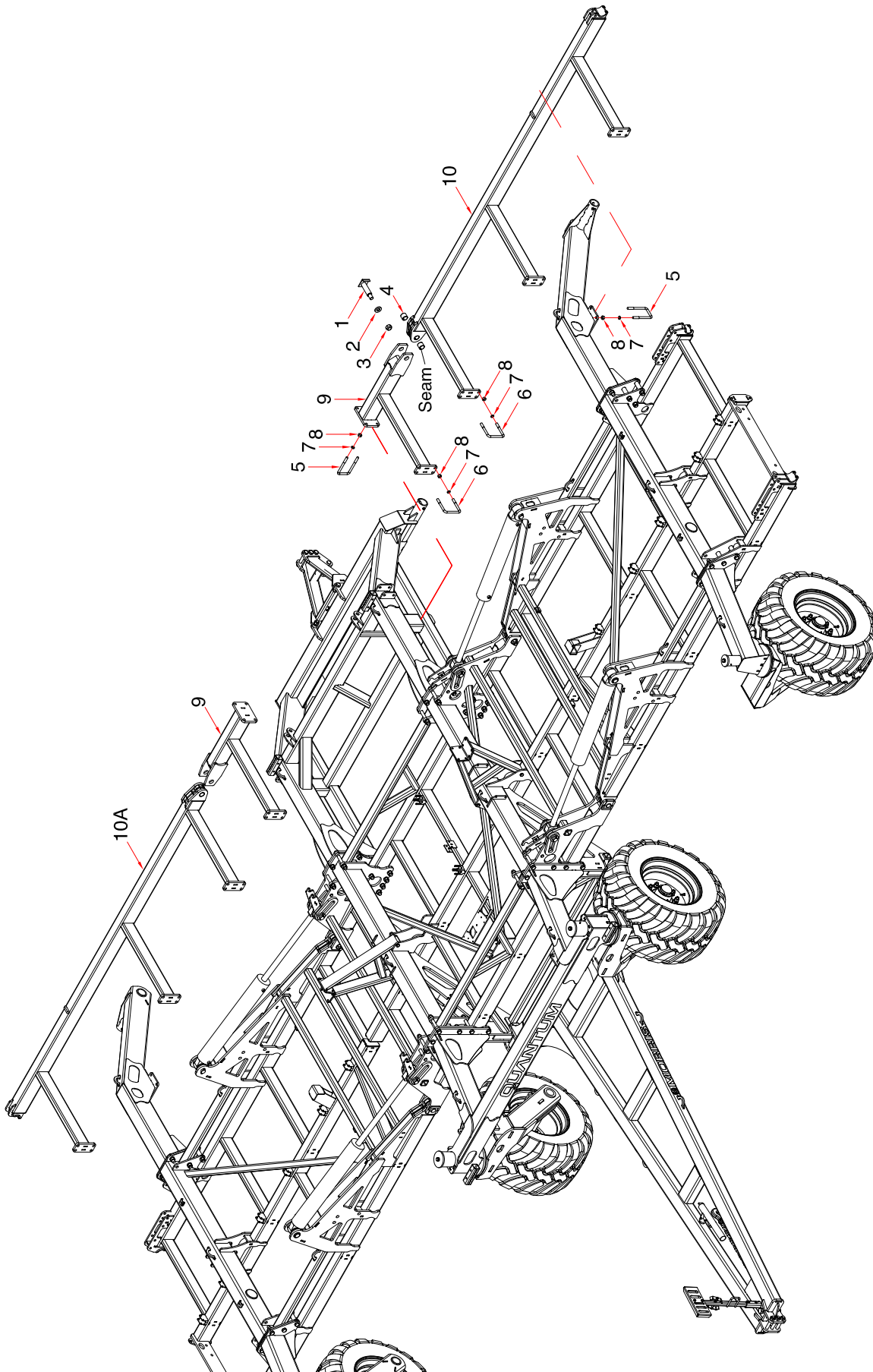
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Part No. | Description                                                     | Qty |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------|-----|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | J12344   | Hex Bolt - 1 x 3 Lg.....                                        | 3   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S42952   | Hex Bolt - 1 x 6 5/8 Lg.....                                    | 3   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C-705    | Lockwasher - 1 .....                                            | 3   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | W-520    | Hex Nut - 1 .....                                               | 3   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | D-5274   | Lock Nut - 1 Unitorque .....                                    | 3   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S64300   | Clevis - CAT 5 (2 Diameter Draw Pin) (Includes item 7).....     | 1   |
| 6A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S66236   | Clevis - CAT 4 (1 1/2 Pin Diameter Draw Pin) (Includes item 7A) |     |
| 6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | K62145   | Clevis - CAT 4 (2 Pin Diameter Draw Pin) (Includes item 7B)     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S65738   | Clevis Insert - CAT 5 - (2 Diameter Draw Pin).....              | 1   |
| 7A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S65740   | Clevis Insert - CAT 4 - (1 1/2 Diameter Draw Pin)               |     |
| 7B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S67388   | Clevis Insert - CAT 4 - (2 Diameter Draw Pin)                   |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S64355   | Rear Tow Hitch .....                                            | 1   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N22778   | Locknut - 1/4 Nylon Insert .....                                | 2   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | K-3830   | Hex Bolt - 1/4 x 1/2 Lg.....                                    | 2   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N34475   | SMV Sign .....                                                  | 1   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N34643   | Spade Mount Bracket.....                                        | 1   |
| <p><b>Used to attach a Tow Behind Quad Steer Cart as follows:</b></p> <p><b>S66236 Clevis CAT 4 - 1 1/2 Pin Diameter Draw Pin</b></p> <ul style="list-style-type: none"> <li>- 9365, 9450 and 9535 Tow Behind Carts</li> <li>- 9445, 9550 and 9650 Tow Behind Carts - Prior to 2018</li> <li>- 9800 and 91000 Tow Behind Carts - Prior to 2018</li> </ul> <p><b>S64300 Clevis CAT 5 - 2 Pin Diameter Draw Pin</b></p> <p>or K62145 Clevis CAT 4 - 2 Diameter Draw Pin could be used.</p> <ul style="list-style-type: none"> <li>- 9445, 9550 and 9650 Tow Behind Carts - 2018 to Present</li> <li>- 9800 and 91000 Tow Behind Carts - 2018 to Present</li> </ul> |          |                                                                 |     |

## Remote Clutch Switch



| Item                                             | Part No. | Description                                                            | Qty |
|--------------------------------------------------|----------|------------------------------------------------------------------------|-----|
| <b>Ground Drive and Base X20 and X30 Systems</b> |          |                                                                        |     |
| 1                                                | S56558   | Pressure Switch .....                                                  | 1   |
| 2                                                | S42998   | Connector - 1/4 FNPT x 9/16-18 FJIC .....                              | 1   |
| 3                                                | F10384   | Connector - 9/16-18 MJIC x 7/8-14 FJIC .....                           | 1   |
| 4                                                | H18746   | Tee - Swivel - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....                 | 1   |
| 5                                                | N32482   | Connector - 'Y' Wire - Tow Behind ONLY - Weather Pak Ends .....        | 1   |
| 6                                                | N32483   | Connector - 'Y' Wire - Tow Between ONLY - Weather Pak Ends .....       | 1   |
| 7                                                | N32457   | Wire - Clutch Extension (Main) - 37 1/2 ft - Weather Pak Ends .....    | 1   |
| 8                                                | S13336   | Tie Strap .....                                                        | 4   |
|                                                  | S54297   | Tow Between - Work Switch Kit (Includes Items 1, 2, 3, 4, 6, 7, and 8) |     |
|                                                  | S54298   | Tow Behind - Work Switch Kit (Includes Items 1, 2, 3, 4, 5, 7, and 8)  |     |
| <b>Apollo System - 2016</b>                      |          |                                                                        |     |
| 1                                                | S56558   | Pressure Switch .....                                                  | 1   |
| 2                                                | S42998   | Connector - 1/4 FNPT x 9/16-18 FJIC .....                              | 1   |
| 3                                                | F10384   | Connector - 9/16-18 MJIC x 7/8-14 FJIC .....                           | 1   |
| 4                                                | H18746   | Tee - Swivel - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....                 | 1   |
| 9                                                | N60323   | Harness Adaptor - Pressure Work Switch .....                           | 1   |
| 10                                               | N59010   | Harness - Work Switch - 5 m .....                                      | 1   |

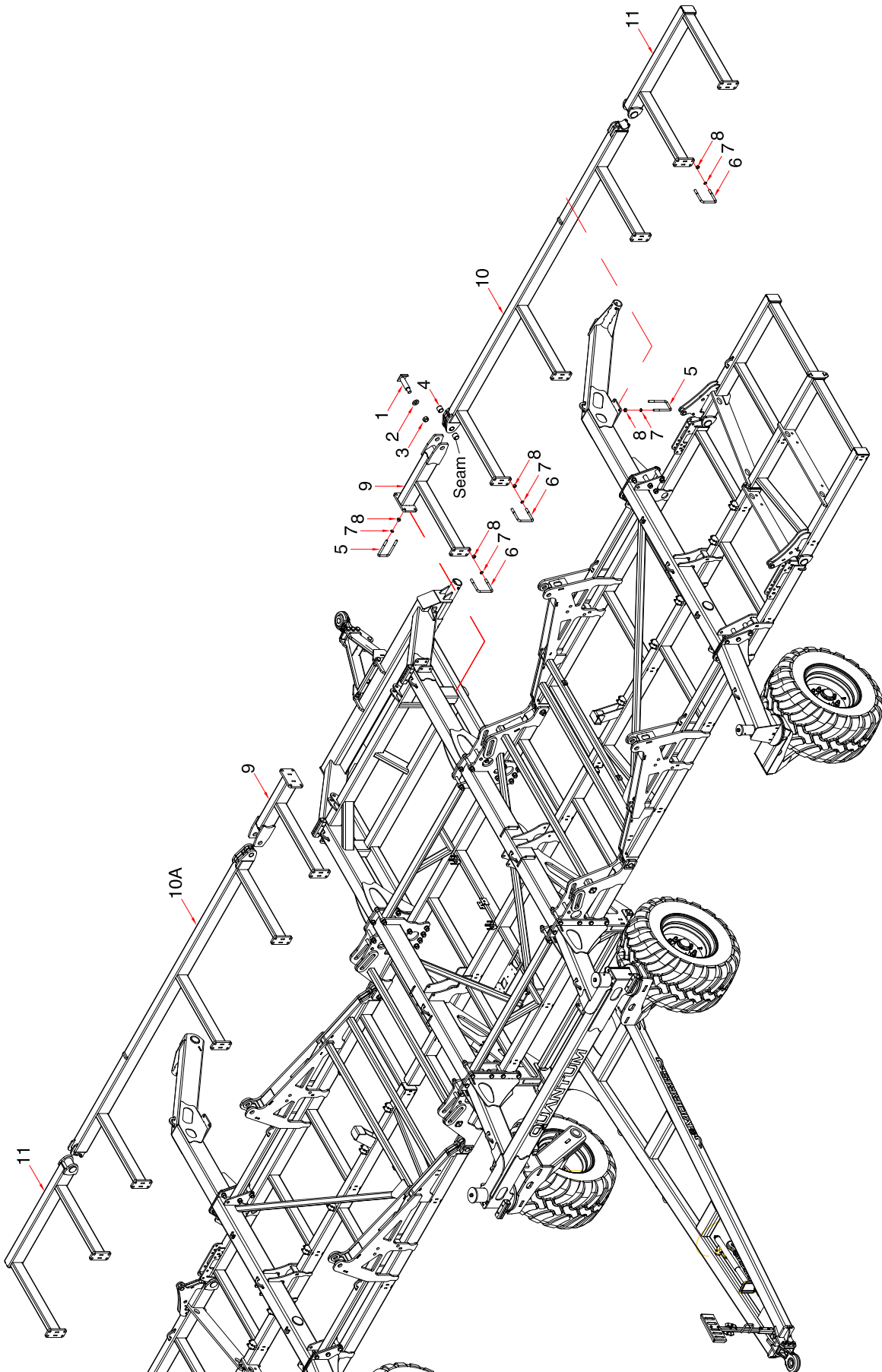
4th Row Kit  
40 ft - 12m



### 4th Row Kit - 40 ft - 12m

| Item | Part No. | Description                                                              | Qty |
|------|----------|--------------------------------------------------------------------------|-----|
| 1    | S64305   | Pin - 1 3/4 x 5 1/2 Lg.....                                              | 2   |
| 2    | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                            | 2   |
| 3    | S39780   | Lock Nut - 1 1/4 Unitorque .....                                         | 2   |
| 4    | S64325   | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....               | 4   |
| 5    | C26955   | U-Bolt - 3/4 x 4 x 8 UL.....                                             | 8   |
| 6    | S64958   | U-Bolt - 3/4 x 6 1/16 x 6 1/4 UL.....                                    | 16  |
| 7    | W-527    | Lockwasher - 3/4.....                                                    | 48  |
| 8    | W-518    | Hex Nut - 3/4 .....                                                      | 48  |
| 9    | S65765   | Draft Beam - Main .....                                                  | 2   |
| 10   | S65787   | Draft Beam - Inner Left.....                                             | 1   |
| 10A  | S65789   | Draft Beam - Inner Right .....                                           | 1   |
|      | S65884   | 4th Row Kit - 40 ft (Includes all above items) Order through Whole Goods |     |

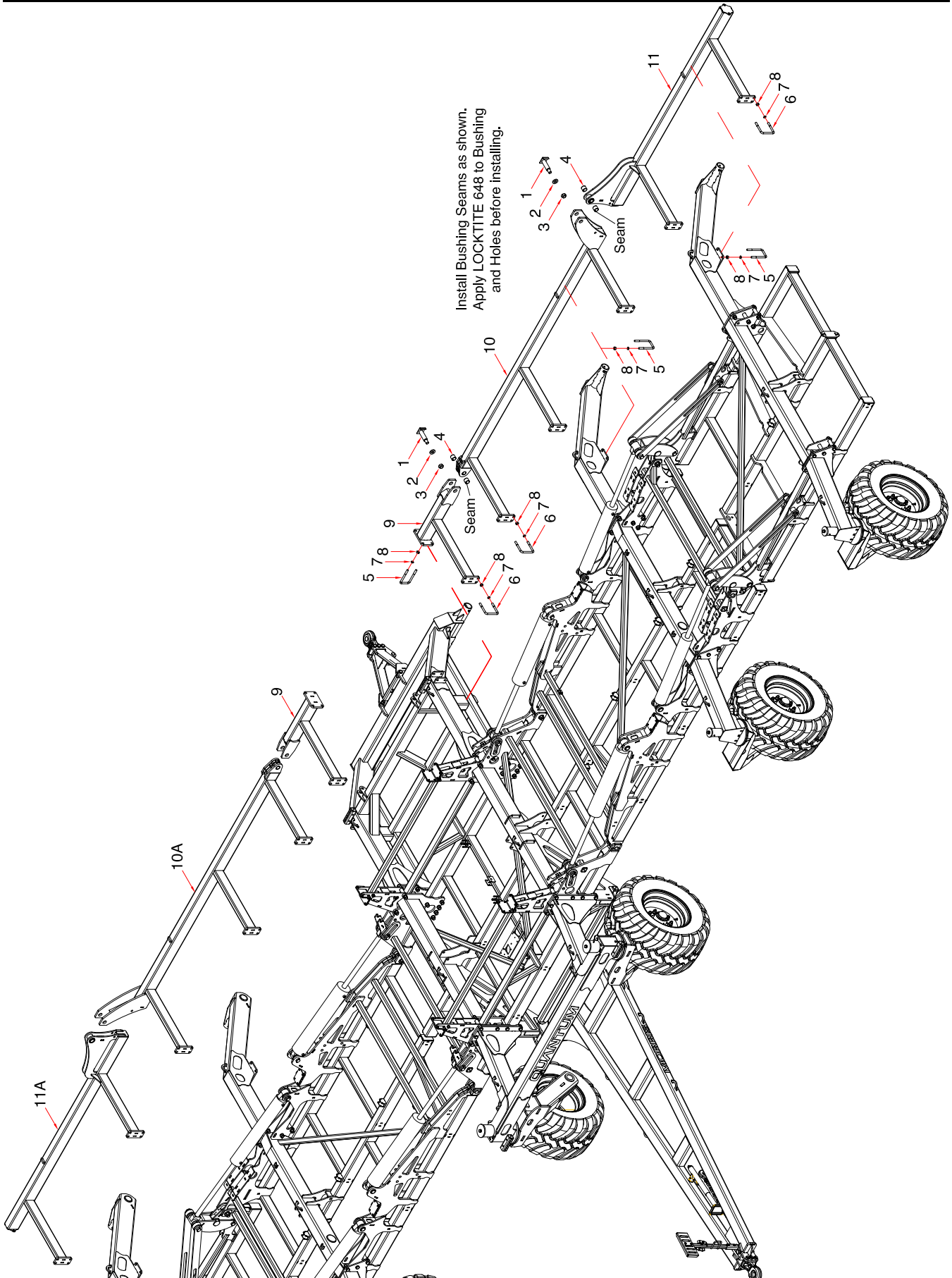
4th Row Kit  
50 ft - 15m



### 4th Row Kit - 50 ft - 15m

| Item | Part No. | Description                                                              | Qty |
|------|----------|--------------------------------------------------------------------------|-----|
| 1    | S64305   | Pin - 1 3/4 x 5 1/2 Lg.....                                              | 2   |
| 2    | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                            | 2   |
| 3    | S39780   | Lock Nut - 1 1/4 Unitorque .....                                         | 2   |
| 4    | S64325   | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....               | 4   |
| 5    | C26955   | U-Bolt - 3/4 x 4 x 8 UL.....                                             | 8   |
| 6    | S64958   | U-Bolt - 3/4 x 6 1/16 x 6 1/4 UL.....                                    | 24  |
| 7    | W-527    | Lockwasher - 3/4.....                                                    | 64  |
| 8    | W-518    | Hex Nut - 3/4 .....                                                      | 64  |
| 9    | S65765   | Draft Beam - Main .....                                                  | 2   |
| 10   | S65787   | Draft Beam - Inner Left.....                                             | 1   |
| 10A  | S65789   | Draft Beam - Inner Right .....                                           | 1   |
| 11   | S65791   | Draft Beam - Flip Wing .....                                             | 2   |
|      | S65883   | 4th Row Kit - 50 ft (Includes all above items) Order through Whole Goods |     |

# 4th Row Kit 60 ft - 18m

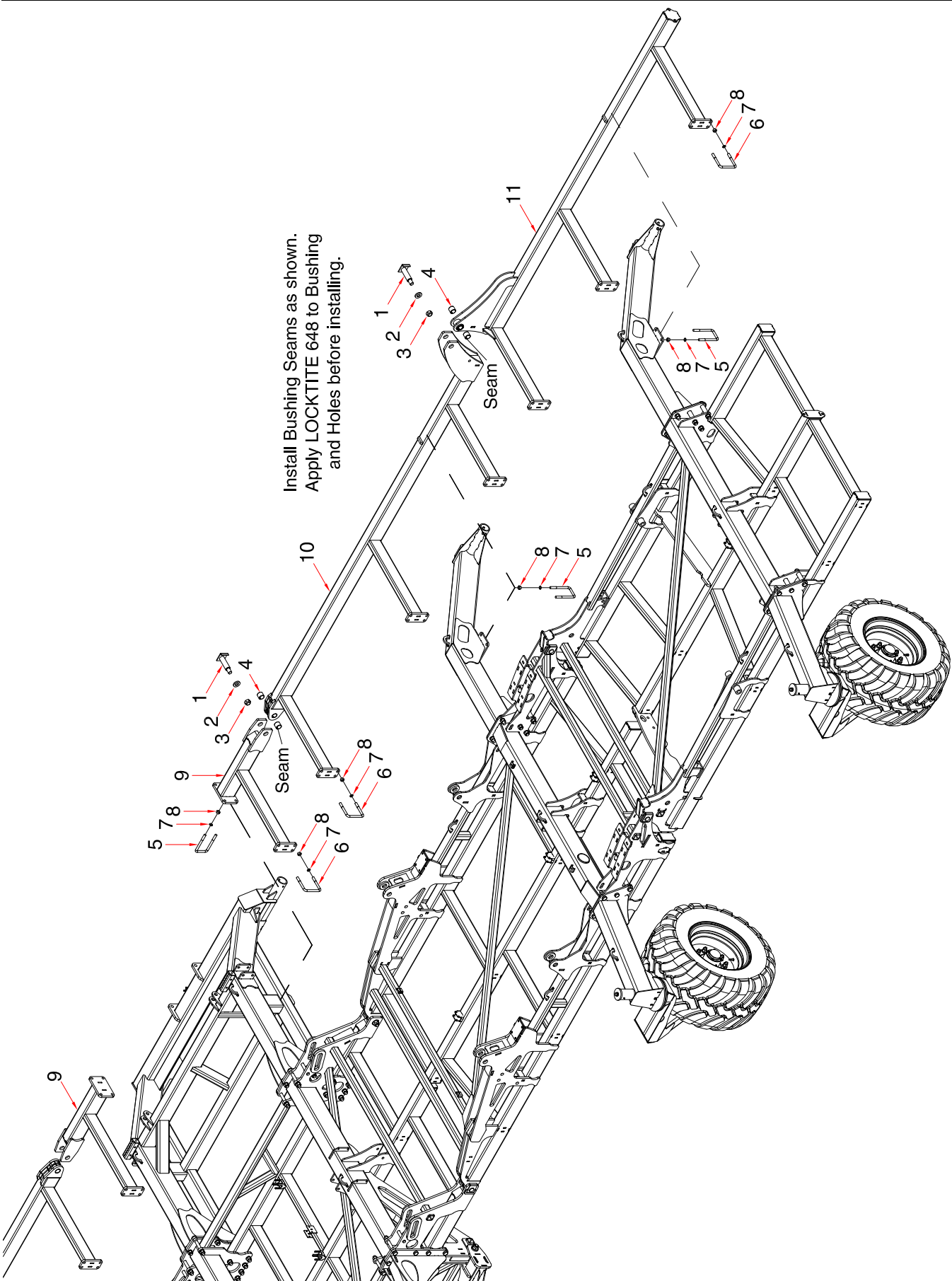




### 4th Row Kit - 60 ft - 18m

| Item | Part No. | Description                                                              | Qty |
|------|----------|--------------------------------------------------------------------------|-----|
| 1    | S64305   | Pin - 1 3/4 x 5 1/2 Lg.....                                              | 4   |
| 2    | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                            | 4   |
| 3    | S39780   | Lock Nut - 1 1/4 Unitorque .....                                         | 4   |
| 4    | S64325   | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....               | 8   |
| 5    | C26955   | U-Bolt - 3/4 x 4 x 8 UL.....                                             | 12  |
| 6    | S64958   | U-Bolt - 3/4 x 6 1/16 x 6 1/4 UL.....                                    | 24  |
| 7    | W-527    | Lockwasher - 3/4.....                                                    | 72  |
| 8    | W-518    | Hex Nut - 3/4 .....                                                      | 72  |
| 9    | S65765   | Draft Beam - Main .....                                                  | 2   |
| 10   | S65778   | Draft Beam - Inner Left.....                                             | 1   |
| 10A  | S65780   | Draft Beam - Inner Right .....                                           | 1   |
| 11   | S65782   | Draft Beam - Outer Left .....                                            | 1   |
| 11A  | S65784   | Draft Beam - Outer Right.....                                            | 1   |
|      | S65882   | 4th Row Kit - 60 ft (Includes all above items) Order through Whole Goods |     |

**4th Row Kit**  
**70 ft - 21m**

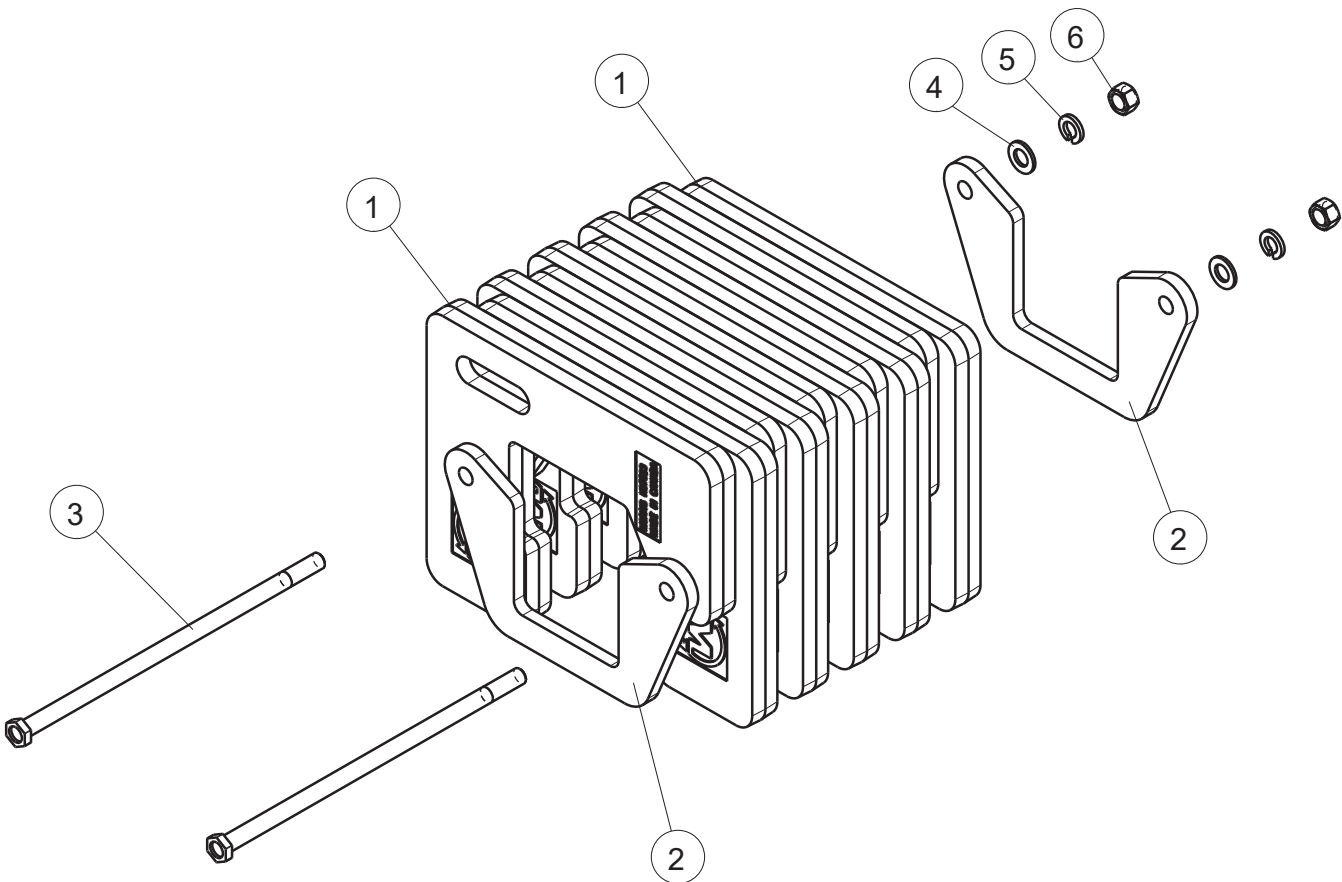


### 4th Row Kit - 70 ft - 21m

| Item | Part No. | Description                                                              | Qty |
|------|----------|--------------------------------------------------------------------------|-----|
| 1    | S64305   | Pin - 1 3/4 x 5 1/2 Lg.....                                              | 4   |
| 2    | S26462   | Washer - 1 1/4 ID x 2 1/2 OD x 3/8 Thick.....                            | 4   |
| 3    | S39780   | Lock Nut - 1 1/4 Unitorque .....                                         | 4   |
| 4    | S64325   | Bushing - Spring - 1.75 x 2.00 x 1.75 Lg Nominal Size.....               | 8   |
| 5    | C26955   | U-Bolt - 3/4 x 4 x 8 UL.....                                             | 12  |
| 6    | S64958   | U-Bolt - 3/4 x 6 1/16 x 6 1/4 UL.....                                    | 28  |
| 7    | W-527    | Lockwasher - 3/4.....                                                    | 80  |
| 8    | W-518    | Hex Nut - 3/4 .....                                                      | 80  |
| 9    | S65765   | Draft Beam - Main .....                                                  | 2   |
| 10   | S65767   | Draft Beam - Inner Left.....                                             | 1   |
| 10A  | S65769   | Draft Beam - Inner Right .....                                           | 1   |
| 11   | S65771   | Draft Beam - Outer Left .....                                            | 1   |
| 11A  | S65773   | Draft Beam - Outer Right.....                                            | 1   |
|      | S65881   | 4th Row Kit - 70 ft (Includes all above items) Order through Whole Goods |     |

# Options

## Weight Kit



**Note:** Wrap Weights (1) around beam alternating left to right.  
Mount on Inner Wing.

| Item | Part No. | Description                           | Qty |
|------|----------|---------------------------------------|-----|
| 1    | N37523   | Weight - 50lb .....                   | 10  |
| 2    | S65692   | Weight Retainer Bracket.....          | 2   |
| 3    | S65750   | Rod - 3/4 Dia x 17 3/4 Lg .....       | 2   |
| 4    | W-476    | Flat Washer - 3/4.....                | 2   |
| 5    | W-527    | Lockwasher - 3/4.....                 | 2   |
| 6    | W-518    | Hex Nut - 3/4.....                    | 2   |
|      | S65755   | Weight Kit (Includes all above items) |     |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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