



# Parts Manual



## 10 Series Air Cart

North America  
Part Number N72799-01

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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.

**MORRIS PAINT**

<b>Part Number</b>	<b>Description</b>
S73107 .....	Red MORRIS Powder Touch-Up Aerosol Can
.....	Silver MORRIS Powder Touch-Up Aerosol Can
K65885 .....	White CF-546 Titan Aerosol Can 360 ml
.....	Black Touch-Up Aerosol Can

**SEAM SEALANT**

<b>Part Number</b>	<b>Description</b>
N19277 .....	Elastomeric Sealant - White - 300 ml Tube
N64530 .....	Acrylic Caulking - Grey - 300 ml Tube
N72549 .....	High Temp Sealant - 300 ml Tube

**MANUALS**

<b>Part Number</b>	<b>Description</b>
N72800 .....	Operator's Manual
N72801 .....	Assembly Manual

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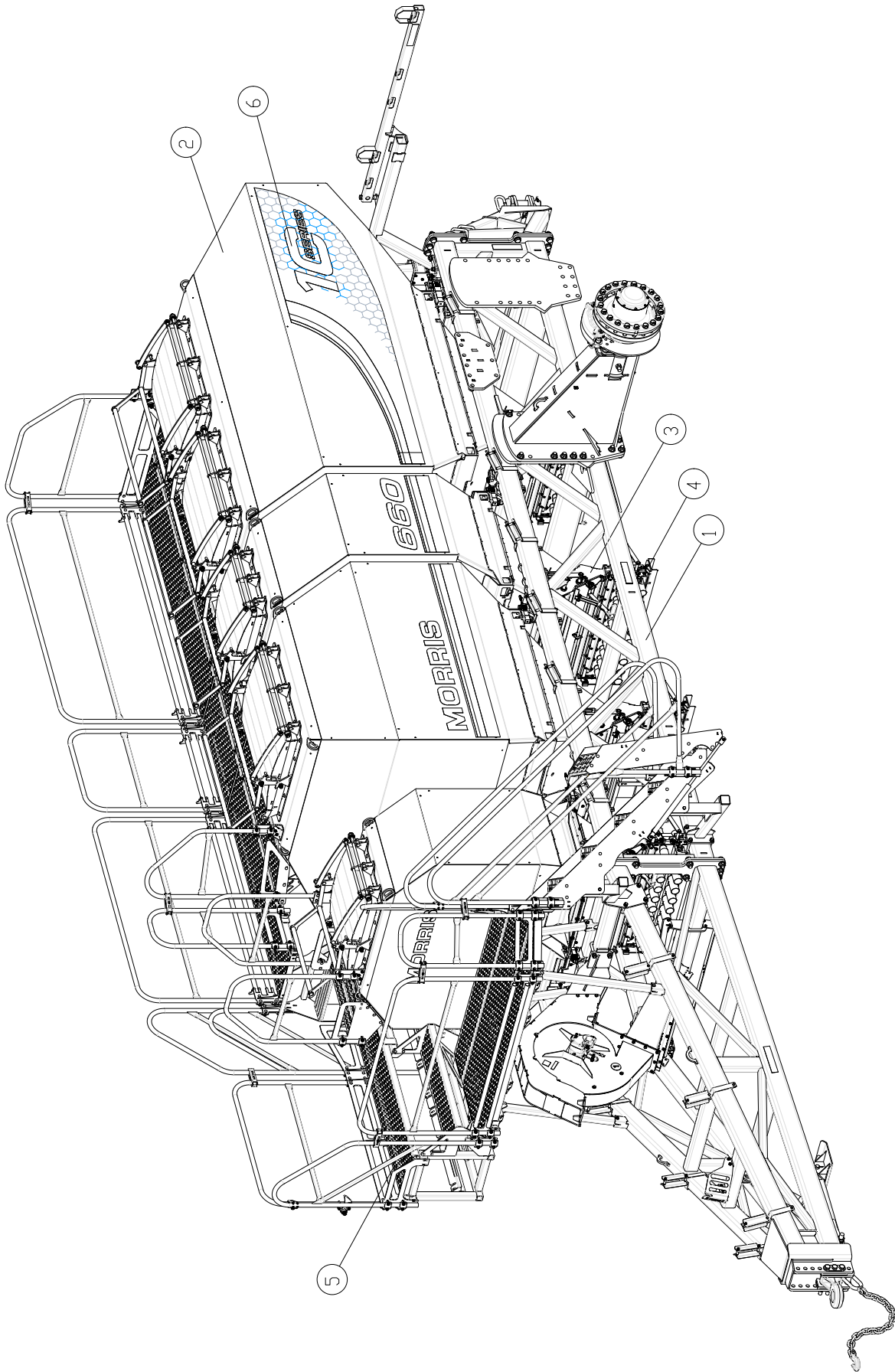
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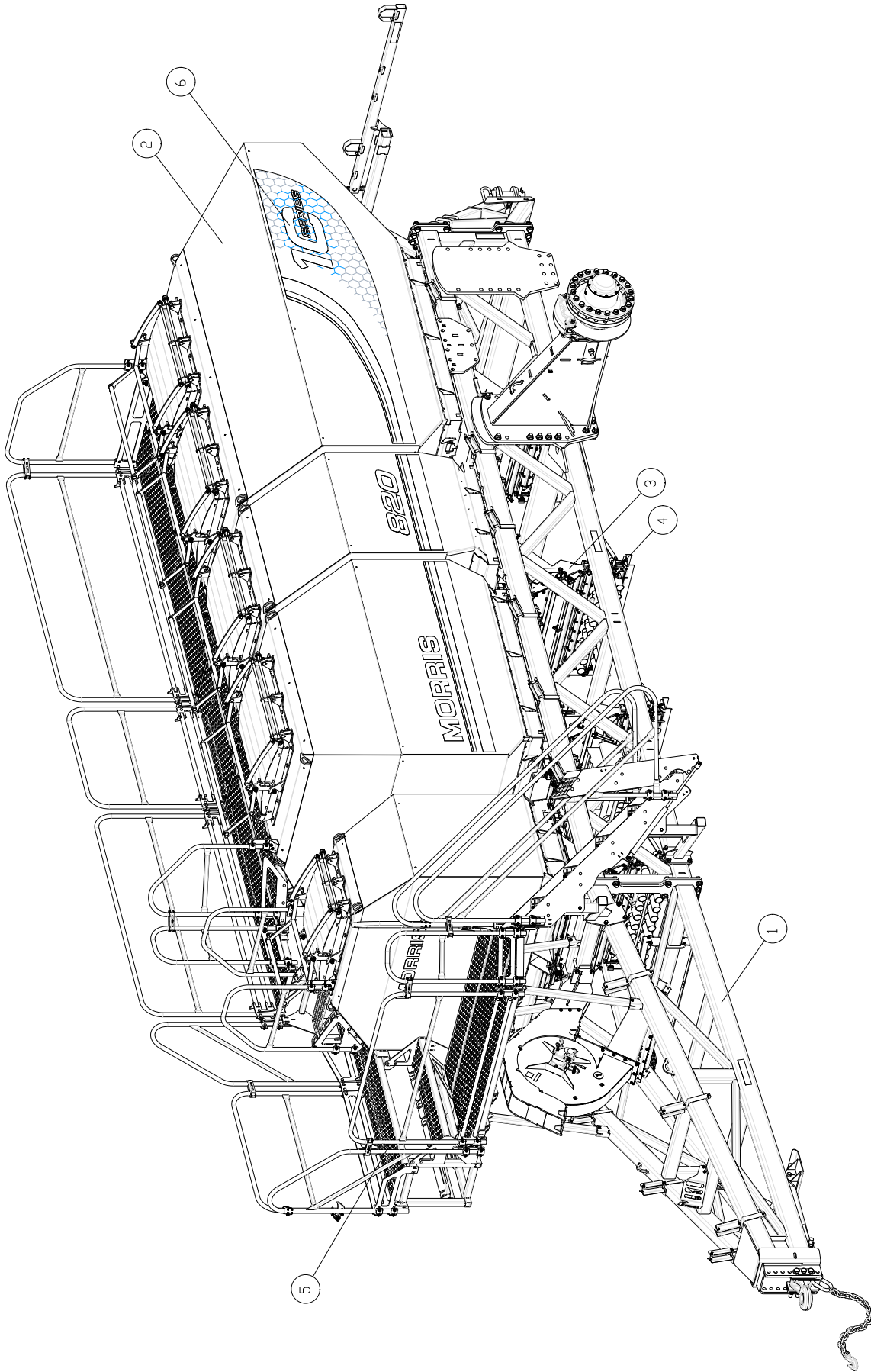
Tow Between  
660 Cart



**Tow Between - 660 Cart**

Item	Part No.	Description	Qty
1	G69920	Chassis Group - 660 - Btwn .....	1
2	G69927	Tanks Group - 660 .....	1
3	N70320	Meterbody Assy - Empty.....	4
4	N70460	Collector Assy - Btwn.....	4
5	G69951	Platform Group .....	1
6	G69890	Base Decal Group - 660 - Btwn.....	1
	E73510	660 Cart - Tow Between - (Whole Goods Only)	

# Tow Between 820 Cart

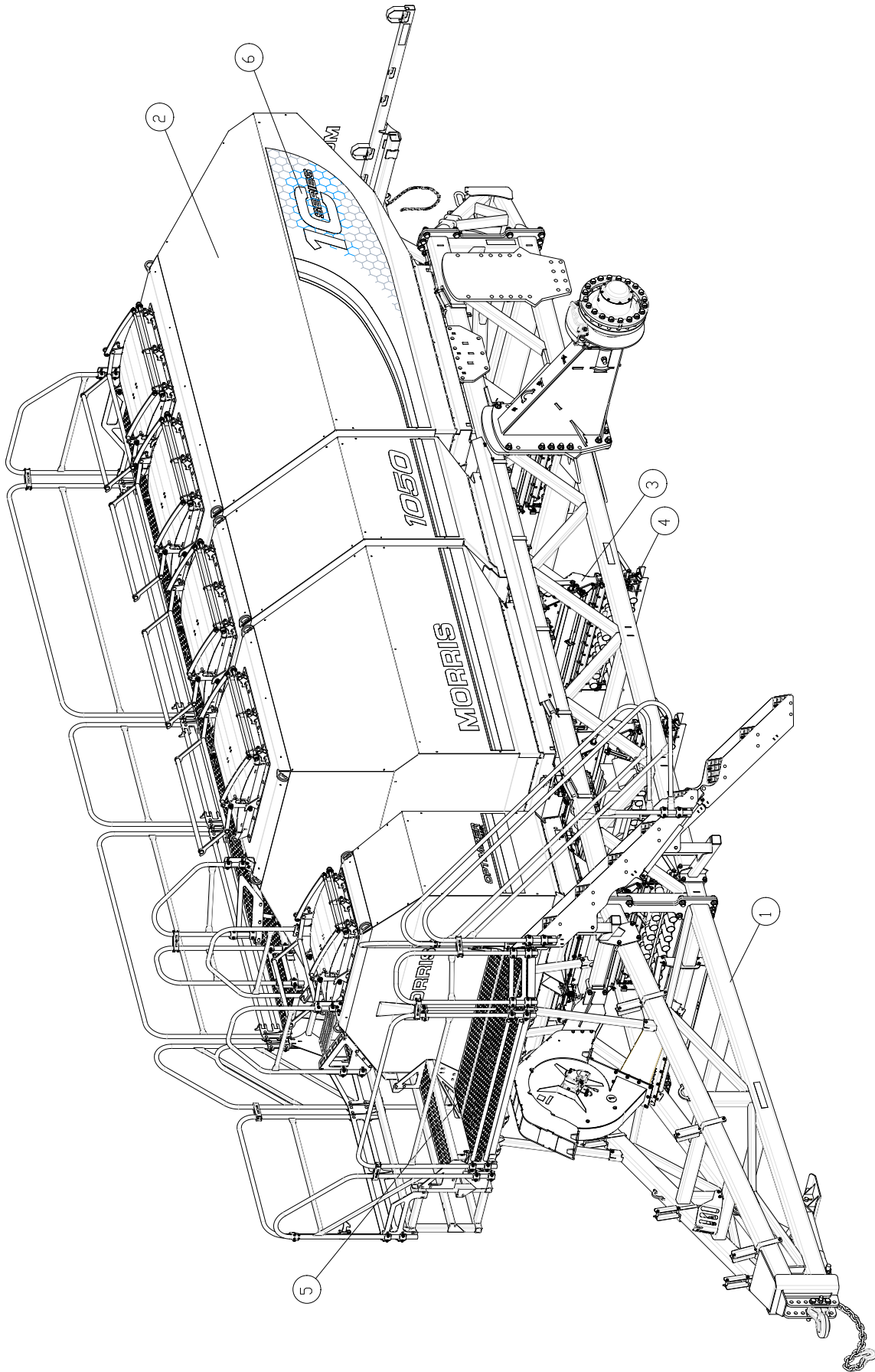




**Tow Between - 820 Cart**

Item	Part No.	Description	Qty
1	G69930	Chassis Group-1050-820-Btwn .....	1
2	G69935	Tanks Group - 820 .....	1
3	N70320	Meterbody Assy - Empty.....	4
4	N70460	Collector Assy - Btwn.....	4
5	G69951	Platform Group .....	1
6	G69888	Base Decal Group - 820 Btwn.....	1
	E73512	820 Cart - Tow Between - (Whole Goods Only)	

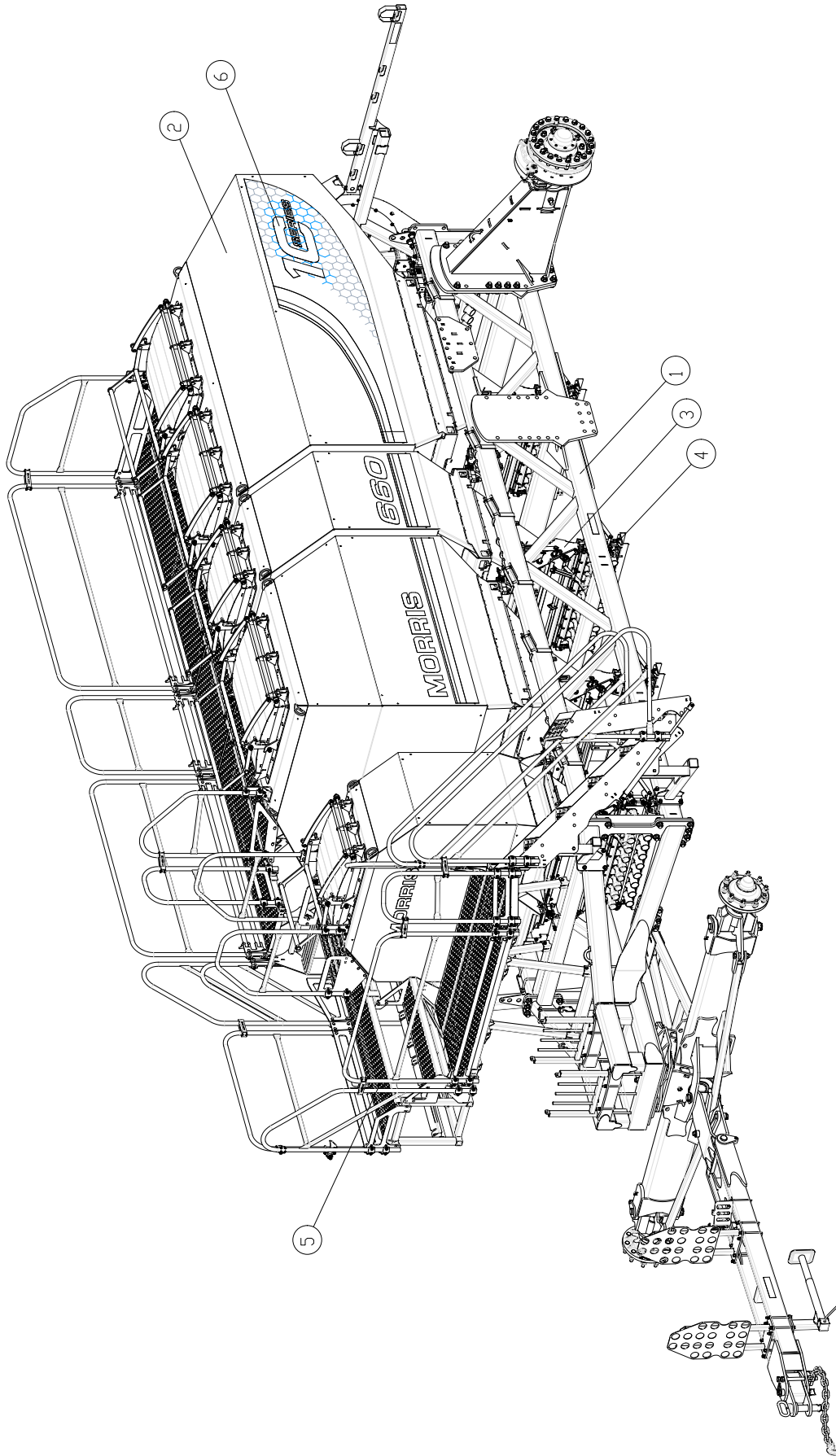
Tow Between  
1050 Cart



**Tow Between - 1050 Cart**

Item	Part No.	Description	Qty
1	G69930	Chassis Group-1050-820-Btwn .....	1
2	G69945	Tanks Group - 1050.....	1
3	N70320	Meterbody Assy - Empty.....	4
4	N70460	Collector Assy - Btwn.....	4
5	G69951	Platform Group .....	1
6	G73809	Base Decal Group - 1050 Btwn .....	1
	E73514	1050 Cart - Tow Between - (Whole Goods Only)	

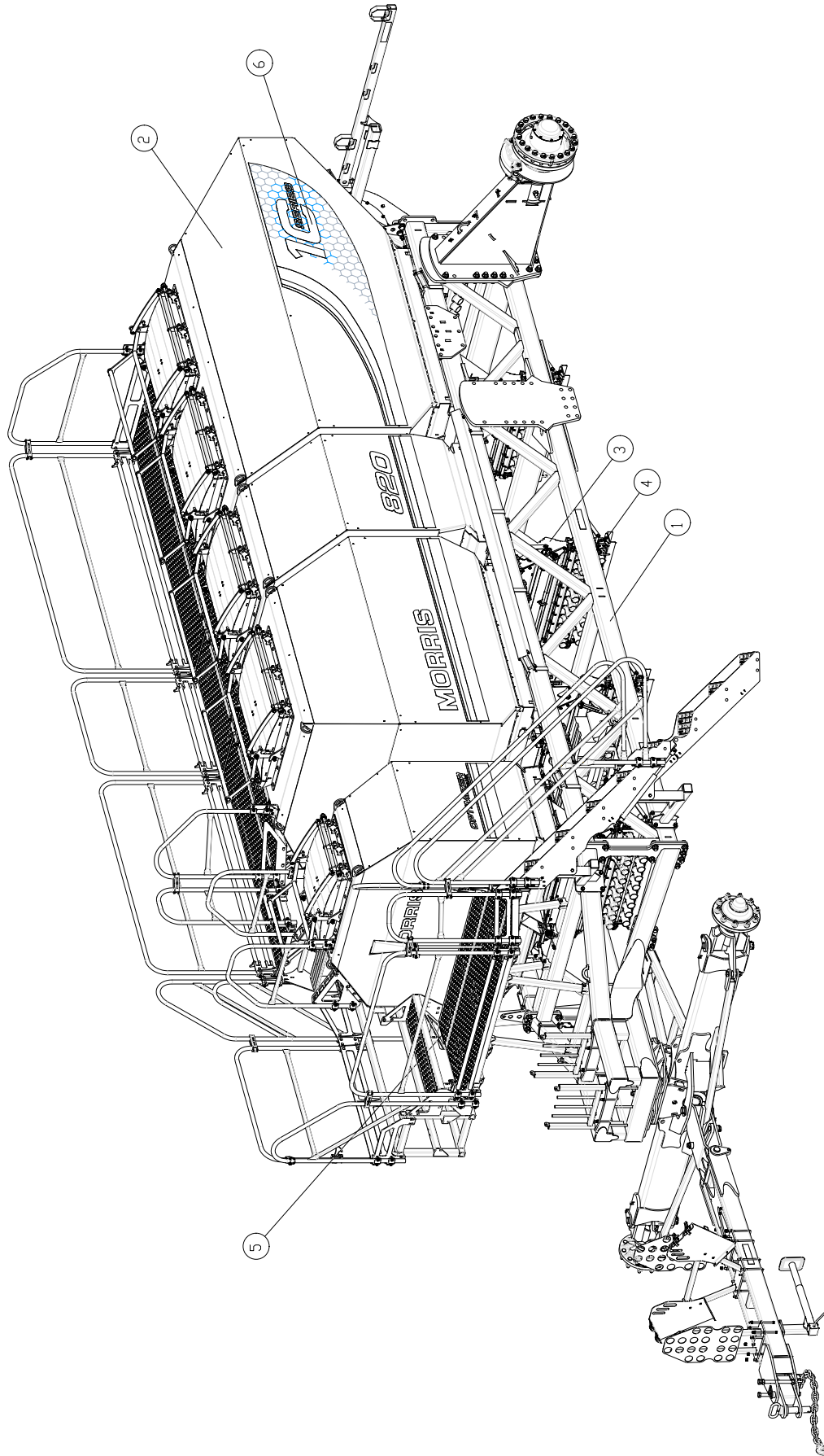
# Tow Behind 660 Cart



**Tow Behind - 660 Cart**

Item	Part No.	Description	Qty
1	G69925	Chassis Group-660-Bhnd .....	1
2	G69927	Tanks Group - 660 .....	1
3	N70320	Meterbody Assy - Empty.....	4
4	N70506	Collector Assy - Bhnd .....	4
5	G69951	Platform Group .....	1
6	G69885	Base Decal Group - 660 - Bhnd .....	1
	E73511	660 Cart - Tow Behind - (Whole Goods Only)	

# Tow Behind 820 Cart

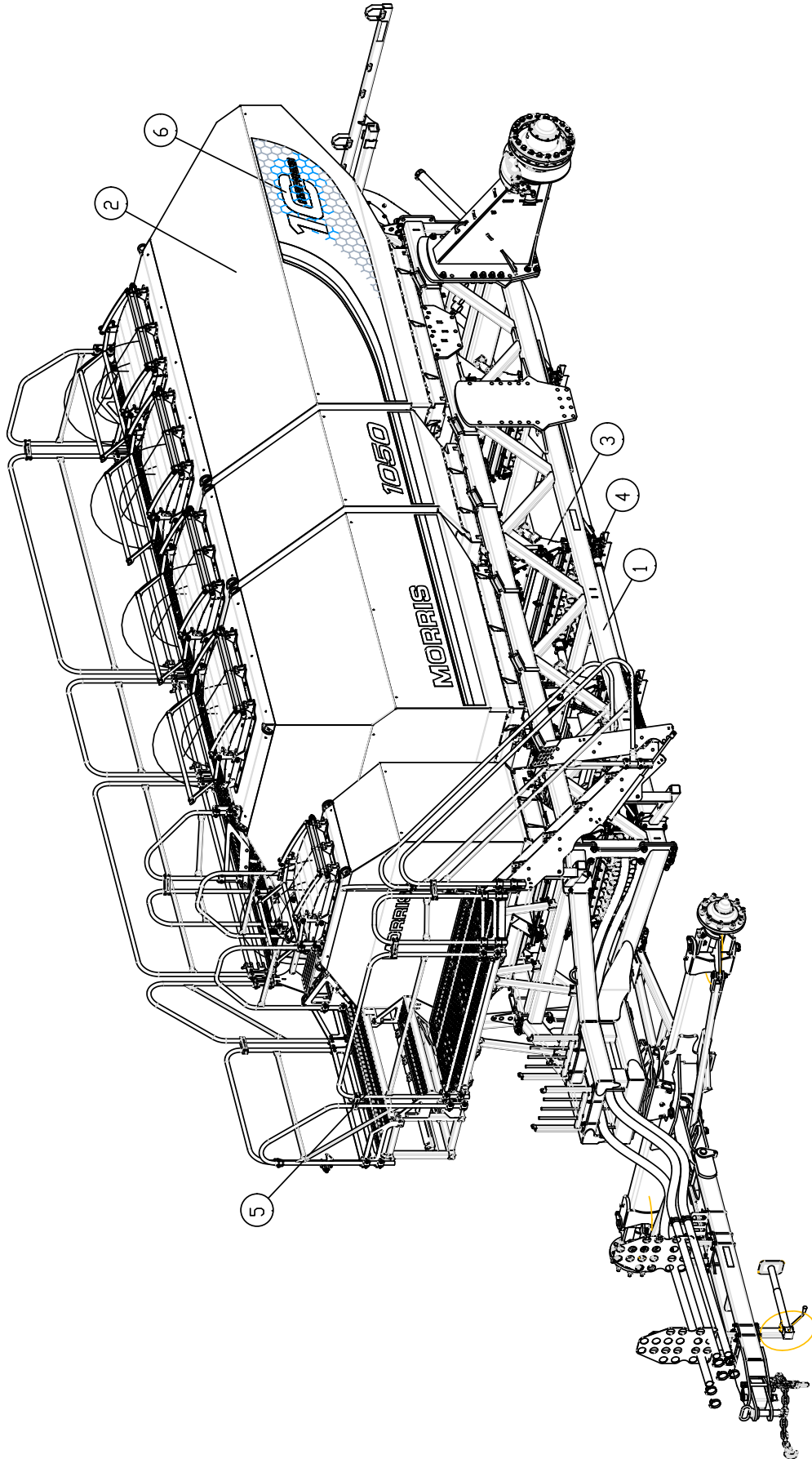


## Tow Behind - 820 Cart

Item	Part No.	Description	Qty
1	G69940	Chassis Group-1050-820-Bhnd .....	1
2	G69935	Tanks Group - 820 .....	1
3	N70320	Meterbody Assy - Empty.....	4
4	N70506	Collector Assy - Bhnd .....	4
5	G69951	Platform Group .....	1
6	G69883	Base Decal Group - 820 Bhnd.....	1
	E73513	820 Cart - Tow Behind - (Whole Goods Only)	



# Tow Behind 1050 Cart





**Tow Behind - 1050 Cart**

Item	Part No.	Description	Qty
1	G69940	Chassis Group-1050-820-Bhnd .....	1
2	G69945	Tanks Group - 1050.....	1
3	N70320	Meterbody Assy - Empty.....	4
4	N70506	Collector Assy - Bhnd .....	4
5	G69951	Platform Group .....	1
6	G69881	Base Decal Group - 1050 Bhnd.....	1
	E73515	1050 Cart - Tow Behind - (Whole Goods Only)	

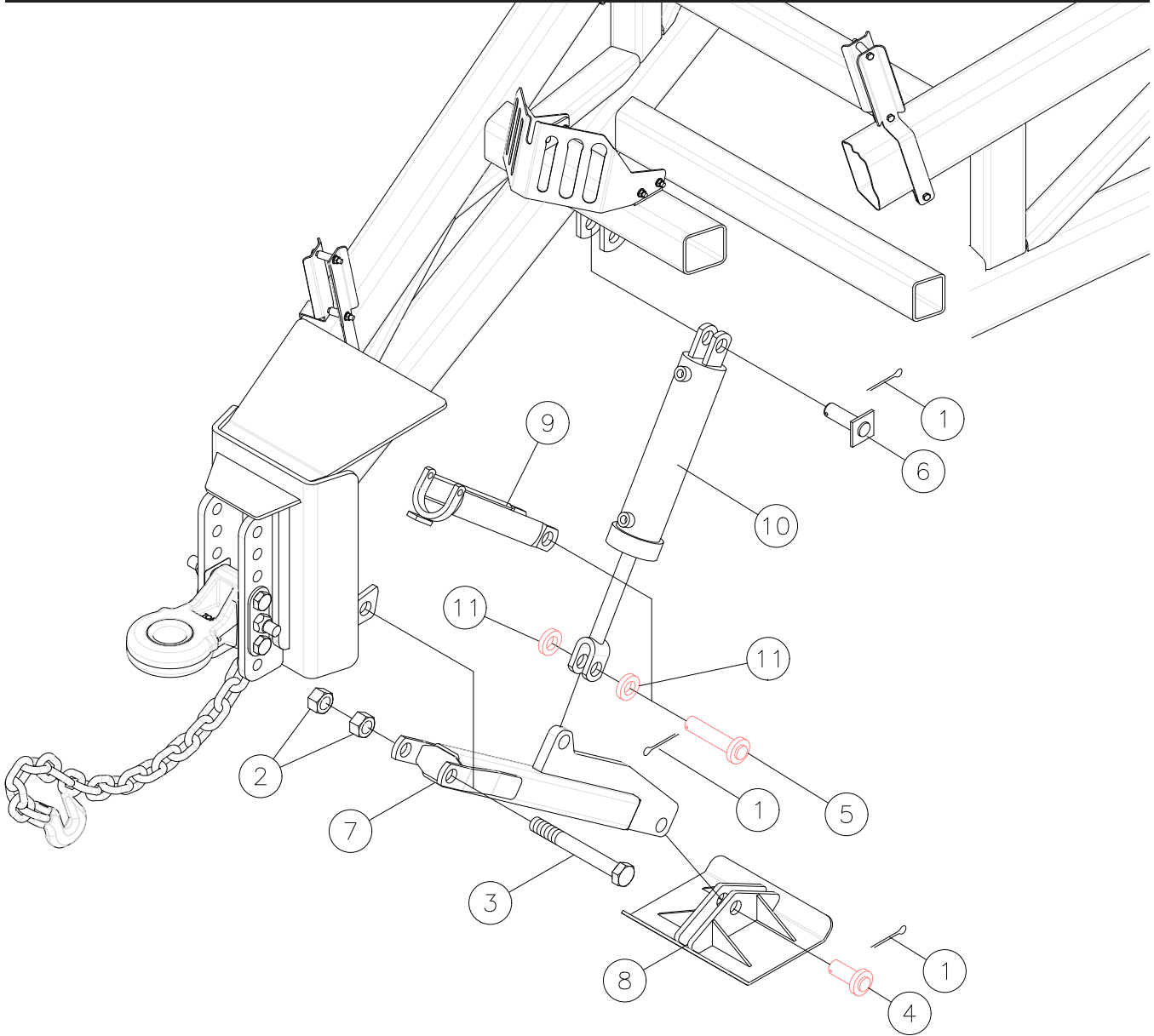
## Notes

# Section 2: Frames and Axles

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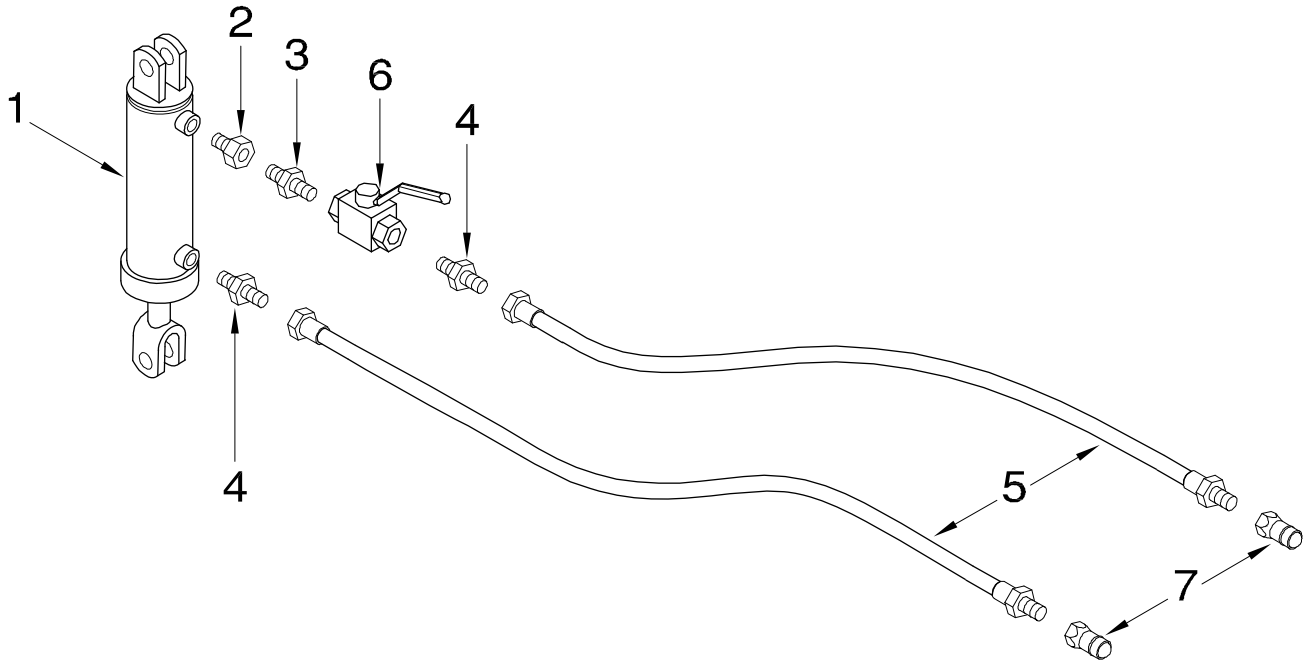
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## Tow Between Hitch Jack Assembly



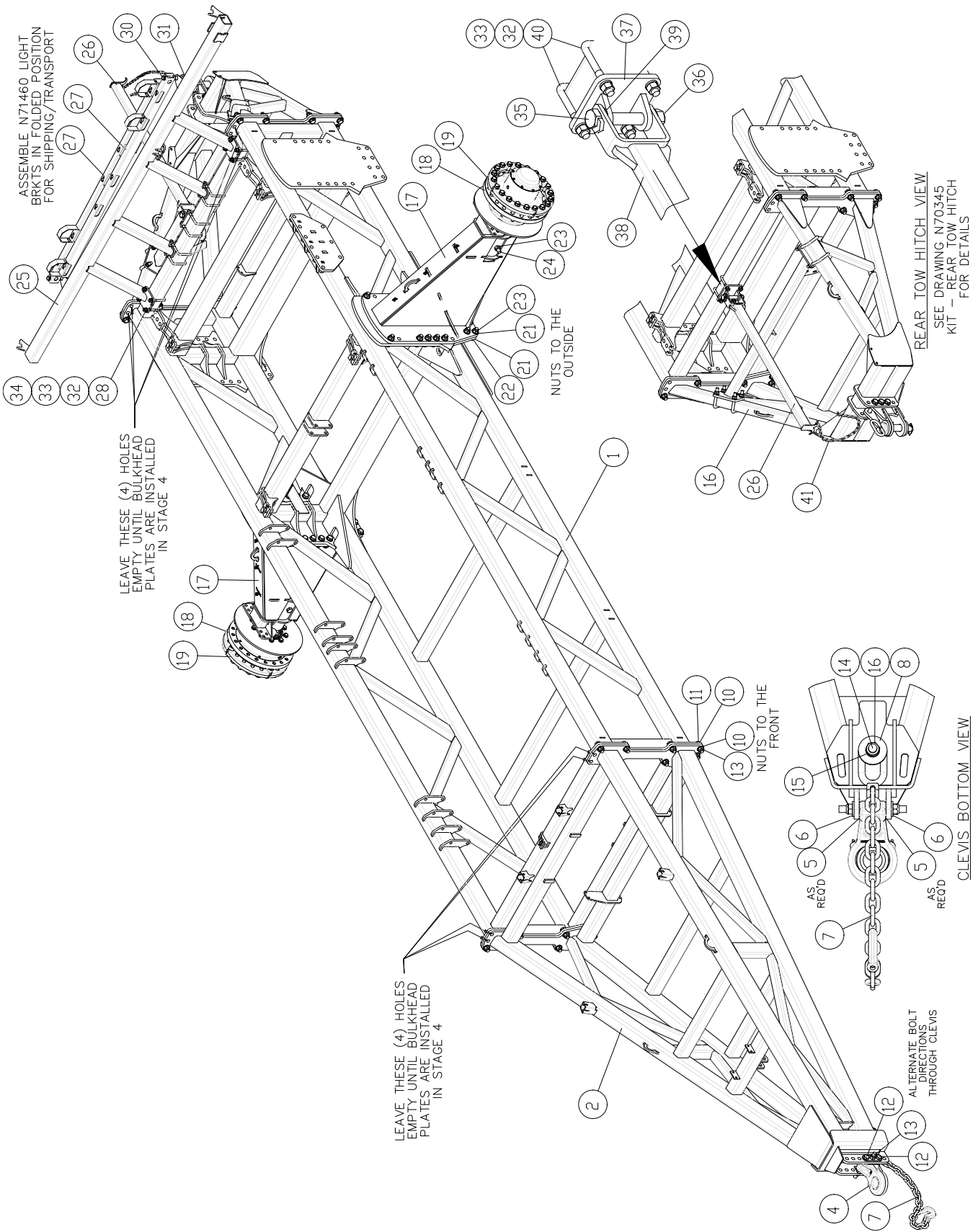
Item	Part No.	Description	Qty
1	D-5239	Cotter Pin - 1/4 x 2 1/4 Lg.....	3
2	C15768	Jam Nut - 1 1/4 .....	2
3	C39424	Hex Bolt - 1 1/4 x 10 Lg .....	1
4	N28997	Pin - 1 1/4 x 2 1/4 UL.....	1
5	S39545	Pin - 1 1/4 x 4 5/16 UL.....	1
6	S42784	Pin - 1 1/4 x 3 5/16 UL.....	1
7	N47735	Leg.....	1
8	N47738	Foot.....	1
9	N49396	Lock Arm.....	1
10	C39175	Cylinder - 3 1/2 x 12.....	1
11	N56747	Washer - 1.281 ID x 2 1/4 OD x 1/2 Thick.....	2

## Tow Between - Hitch Jack Hydraulics



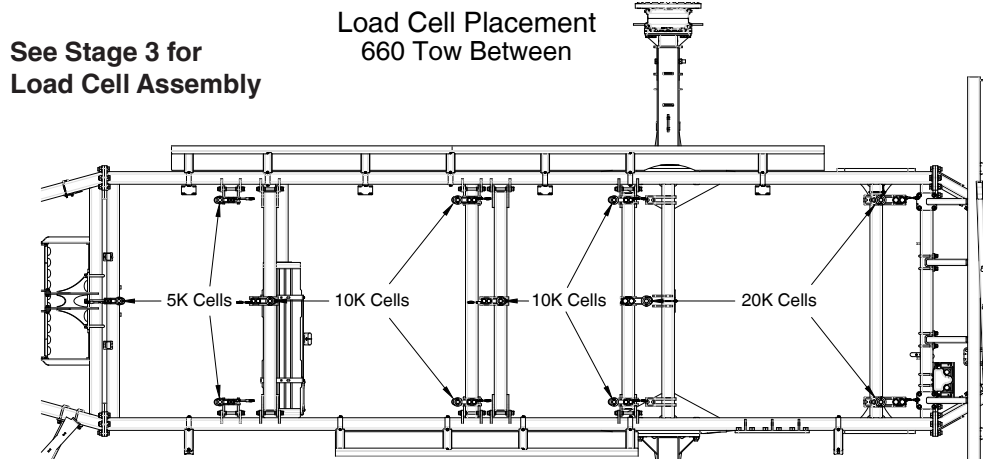
Item	Part No.	Description	Qty
1	C39175	Cylinder - 3 1/2 x 12.....	1
2	N34503	Connector - 3/4-16 FJIC x 3/4-16 MORB .....	1
3	C15330	Connector - 3/4-16 MJIC x 3/4-16 MORB.....	1
4	C15348	Connector - 9/16-18 MJIC x 3/4-16 MORB.....	2
5	N37404	Hyd Hose - 3/8 x 152 Lg w/ 9/16-18 FJIC x 7/8-14 MORB .....	2
6	N42880	Valve - 2 Way Ball .....	1
6A	N42881	Handle - Valve.....	1
7	N34498	Male Pioneer Tip - 7/8-14 FORB.....	2

**Tow Between - 660 (G69920)**  
**Stage 1**  
**Stage 2 - See Single Fan Assy Section 7**

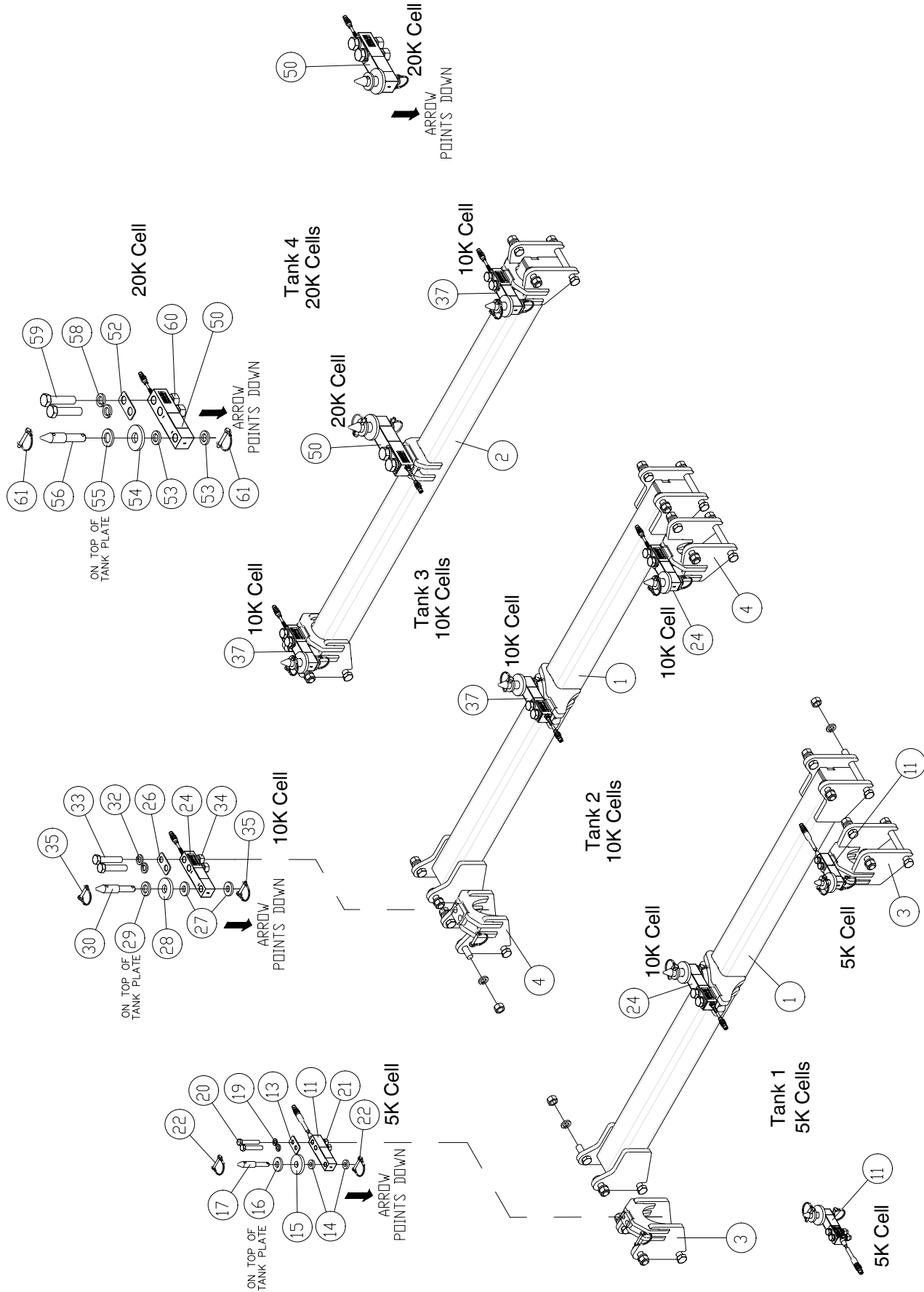


## Frame - Tow Between 660 (G69920) - Stage 1

Item	Part No.	Description	Qty
1	N70335	Main Frame - Short .....	1
2	N70725	Between Frame.....	1
3	N70345	Kit - Rear Tow Hitch - <b>See Page 2-36</b> .....	1
4	S64310	Hitch Tongue - Cat 5.....	1
5	N73997	Clevis Shim - 22Ga.....	2
6	N71346	Clevis Bolt Spacer Plate .....	2
7	N44710	Safety Chain - 80000Lb.....	1
8	S44716	Retaining Washer - 1.313 ID x 4 1/4 OD x 1/2 Thick .....	1
9	G69993	Pbag-10S - Btwn Hitch .....	1
10	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	36
11	J12344	Hex Head Bolt - 1 x 3 Lg.....	18
12	S39487	Hex Head Bolt - 1 x 8 Lg.....	3
13	D-5274	Locknut - 1 Unitorque .....	21
14	N73994	Hex Head Bolt - 1 1/4 x 4 1/2 Lg.....	1
15	C39432	Lockwasher - 1 1/4 .....	1
16	P61D20	Hex Nut - 1 1/4.....	1
17	N71490	Rear Axle Extension .....	2
18	N71025	Hub + Spindle Assy W/Brake - 60K (See Brake Section 11).....	2
19	N71032	Dual Wheel Hdwre Kit - 60K Hub.....	2
20	G69985	Pbag-10S - Axle Extensions .....	2
21	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	32
22	K-5478	Hex Head Bolt - 1 x 3 1/2 Lg.....	16
23	D-5274	Locknut - 1 Unitorque .....	17
24	N49643	Hex Head Bolt - 1 x 9 Lg.....	1
25	N71567	Light Brkt Frame - Cradle Support .....	1
26	N74109	Hose Support Assy - Tow Between - (Includes Items 35 - 41) .....	1
27	N71460	Light Brkt - Dual.....	2
28	C-219	U-Bolt - 5/8 x 4 x 5 9/16 UL .....	8
29	G69986	Pbag-10S - Light Brkts.....	1
30	N11621	Hex Head Bolt - 3/4 x 8 1/2 Lg.....	2
31	D-5273	Locknut - 3/4 Unitorque .....	2
32	W-629	Flat Washer - 5/8 .....	16
33	W-526	Lockwasher - 5/8 .....	20
34	W-517	Hex Nut - 5/8.....	20
35	S42952	Hex Head Bolt - 1 x 6 5/8 Lg.....	1
36	C12838	Lock Nut - 1 Flange .....	1
37	N73308	Hose Support Bracket - Tow Between.....	1
38	N73305	Hose Support - Tow Between.....	1
39	S73084	Thurst Washer.....	1
40	C-219	U-Bolt - 5/8 x 4 x 5 9/16 UL .....	2
41	N19448	Chain - 80 Links.....	1



# Frame Tow Between - 660 (G69920) Stage 3

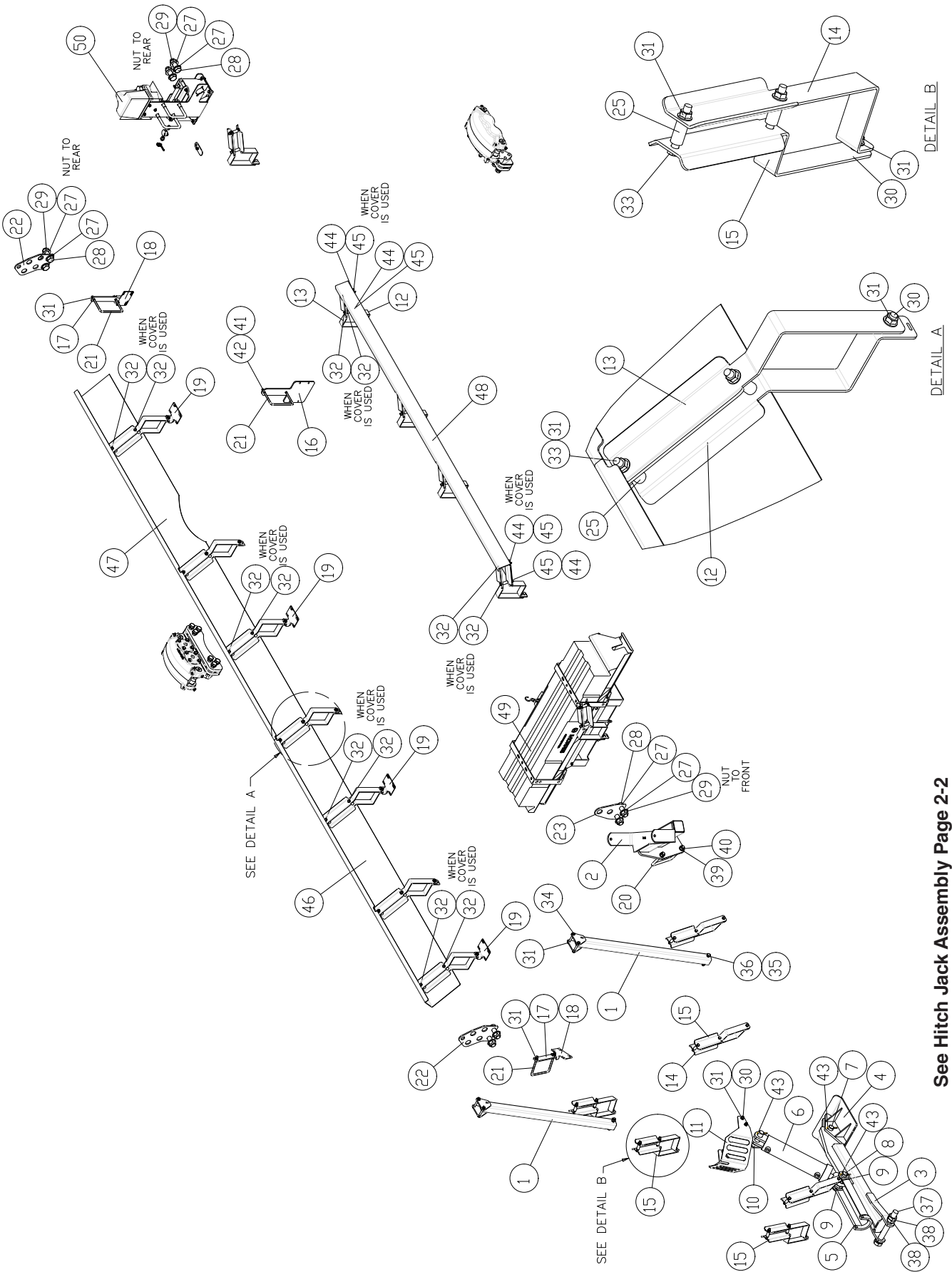




**Frame - Tow Between 660 (G69920) - Stage 3**

Item	Part No.	Description	Qty
1	N71316	Load Cell Tube - Single 10K .....	2
2	N70315	Load Cell Tube - 10/20K .....	1
3	N70699	Load Cell Mount - 5000 Lb.....	2
4	N71366	Load Cell Mount - 10000 Lb.....	2
5	G69919	Pbag - 10S-Loadcell Supp-660-590.....	1
6	W-1553	Hex Head Bolt - 3/4 x 2 1/4 Lg.....	20
7	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg.....	10
8	W-527	Lockwasher - 3/4.....	30
9	W-518	Hex Nut - 3/4.....	30
10	G69980	Carton-10S - Loadcell Set - 5K - (Includes Items Below) Whole Goods Only .....	1
11	N71305	Load Cell Assy - 5K.....	3
12	G69982	Pbag-10S - Loadcells - 5K - Washers - (Includes Items Below) Whole Goods Only .....	1
13	N71338	Shim Plate - 5K Cell .....	3
14	N71183	Washer - 17/32 x 1 1/8 x 1/4 Thick .....	6
15	N71192	Pad Washer - 5K Cell .....	3
16	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	3
17	N71308	Tapered Pin - 5K Cell.....	3
18	G69981	Pbag-10S - Loadcells - 5K - Hdware - (Includes Items Below) Whole Goods Only.....	1
19	W-525	Lockwasher - 1/2.....	6
20	W-491	Hex Bolt - 1/2 x 2 3/4 Lg.....	6
21	W-516	Hex Nut - 1/2.....	6
22	N73806	Wire Lock Pin - 1/4 x 1 3/4 UL.....	6
23	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only .....	1
24	N71310	Load Cell Assy - 10K.....	3
25	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only .....	1
26	N71348	Shim Plate - 10K Cell .....	3
27	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	6
28	N71195	Pad Washer - 10K Cell .....	3
29	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick.....	3
30	N71314	Tapered Pin - 10K Cell.....	3
31	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only .....	1
32	W-527	Lockwasher - 3/4.....	6
33	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg.....	6
34	W-518	Hex Nut - 3/4.....	6
35	N73808	Wire Lock Pin - 5/16 x 1 3/4 UL.....	6
36	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only .....	1
37	N71310	Load Cell Assy - 10K.....	3
38	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only .....	1
39	N71348	Shim Plate - 10K Cell .....	3
40	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	6
41	N71195	Pad Washer - 10K Cell .....	3
42	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick.....	3
43	N71314	Tapered Pin - 10K Cell.....	3
44	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only .....	1
45	W-527	Lockwasher - 3/4.....	6
46	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg.....	6
47	W-518	Hex Nut - 3/4.....	6
48	N73808	Wire Lock Pin - 5/16 x 1 3/4 UL.....	6
49	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only .....	1
50	N71320	Load Cell Assy - 20K.....	3
51	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only .....	1
52	N71352	Shim Plate - 20K Cell .....	3
53	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick .....	6
54	N71197	Pad Washer - 20K Cell .....	3
55	N70348	Washer - 1 9/32 x 2 1/4 x 1/4 Thick .....	3
56	N71312	Tapered Pin - 20K Cell.....	3
57	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only .....	1
58	C-705	Lockwasher - 1 .....	6
59	C-4072	Hex Head Bolt - 1 x 4 Lg.....	6
60	W-520	Hex Nut - 1 .....	6
61	N73810	Wire Lock Pin - 3/8 x 2 3/16 UL.....	6
	G69920	660 Tow Between Frame and Hitch Assembly - Stage 3 - (Whole Goods Only)	

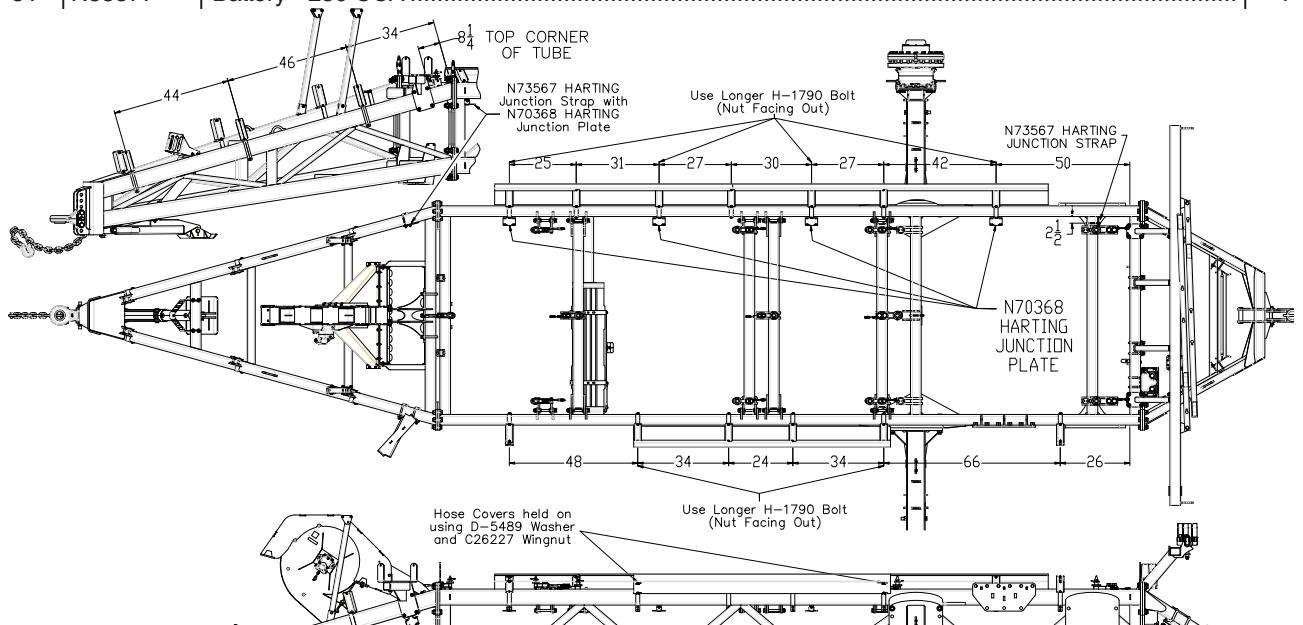
# Frame Tow Between - 660 (G69920) Stage 4



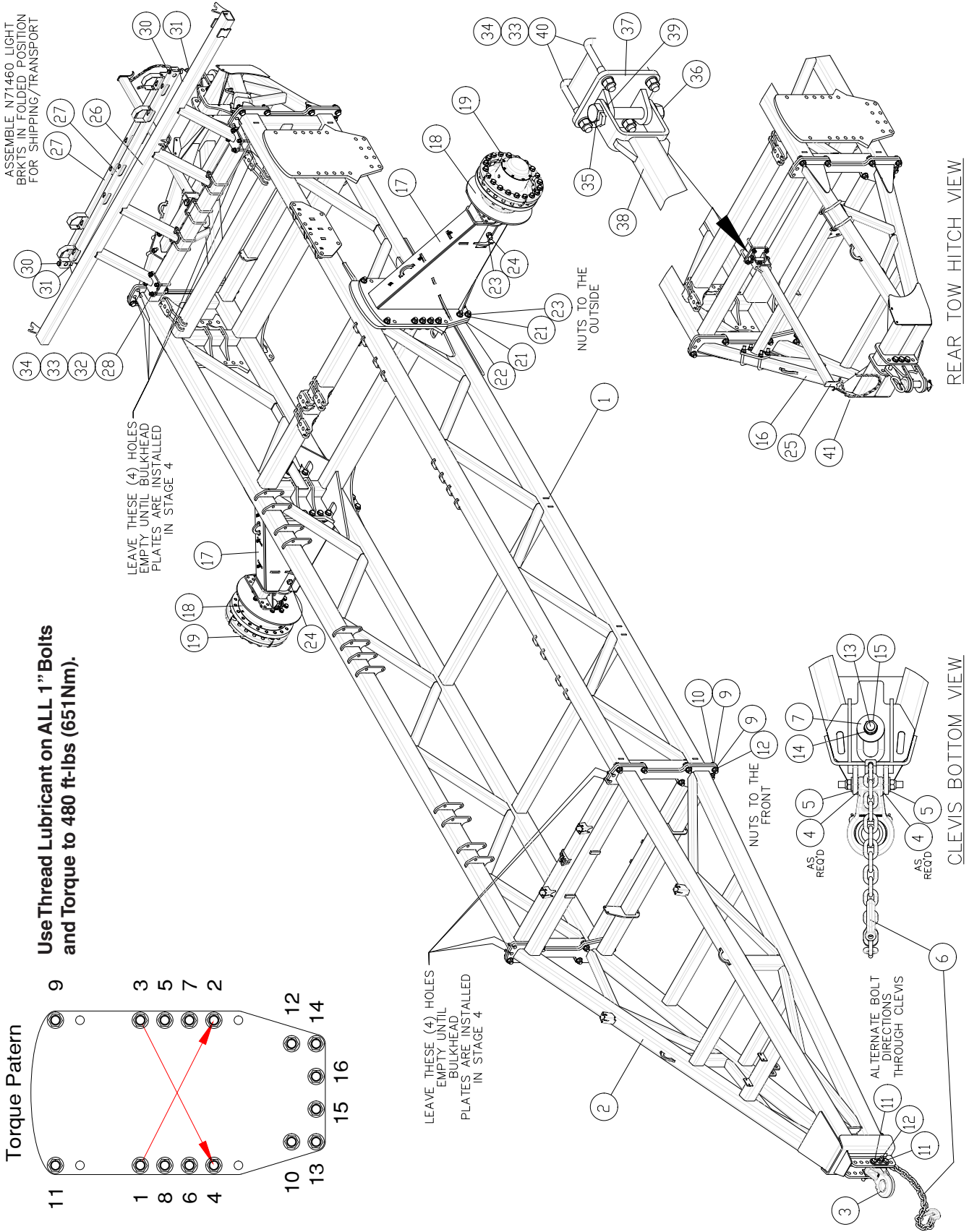
See Hitch Jack Assembly Page 2-2

## Frame - Tow Between 660 (G69920) - Stage 4

Item	Part No.	Description	Qty
1	N70611	Platform Leg - Front.....	2
2	N70965	Staircase Support - Upper - Btwn .....	1
3	N47735	Hydraulic Jack Support Arm .....	1
4	N47738	Base Assembly.....	1
5	N49396	Transport Lock.....	1
6	C39175	Hyd Cylinder - 3 1/2 x 12.....	1
7	N28997	Pin - 1 1/4 x 2 1/4 UL.....	1
8	S39545	Pin - 1 1/4 x 4 5/16 UL.....	1
9	N56747	Wear Plate Washer.....	2
10	S42784	Pin - 1-1/4 x 3 5/16 UL.....	1
11	N53166	Plate - Hose Storage.....	1
12	N69739	Hose Holder - Lower.....	13
13	N69738	Hose Holder.....	13
14	N69748	Inner Hose Holder.....	6
15	N69749	Vertical Hose Holder.....	6
16	N70374	Scale Link Mount.....	1
17	N73567	Harting Junction Strap.....	2
18	N70368	Harting Junction.....	2
19	N73883	Harting Junction.....	4
20	F-4642	U-Bolt - 5/8 x 6 x 5 1/2 UL.....	2
21	H10592	U-Bolt - 3/8 x 6 x 5 UL.....	3
22	N69746	Bulkhead Plate - Right.....	2
23	N69742	Bulkhead Plate - Left.....	1
24	G69924	Pbag-10S-Hose-Hold-Bush-Btwn-Na.....	1
25	N69879	Bushing - 0.385 ID x 5/8 OD x 1 5/16 Lg.....	38
26	G69922	Pbag-10S-Hose-Hold-Misc-Btwn-Na.....	1
27	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	16
28	J12344	Hex Head Bolt - 1 x 3 Lg.....	8
29	D-5274	Locknut - 1 Unitorque.....	8
30	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	23
31	S27987	Locknut - 3/8 Flange.....	69
32	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg.....	12
33	W-480	Hex Head Bolt - 3/8 x 2 1/2 Lg.....	26
34	W-1854	Hex Bolt - 3/8 x 3 Lg.....	4
35	D-5519	Hex Bolt - 1/2 x 3 1/4 Lg.....	2
36	F-3405	Locknut - 1/2 Unitorque.....	2
37	C39424	Hex Head Bolt - 1 1/4 x 10 Lg.....	1
38	C15768	Hex Jam Nut - 1 1/4.....	2
39	W-526	Lockwasher - 5/8.....	4
40	W-517	Hex Nut - 5/8.....	4
41	W-523	Lockwasher - 3/8.....	2
42	W-514	Hex Nut - 3/8.....	2
43	D-5239	Cotter Pin - 1/4 x 2 1/4 Lg.....	3
44	D-5489	Flat Washer - 13/32 ID x 13/16 OD x 16 Ga.....	12
45	C26227	Wing Nut - 3/8.....	12
46	N73888	Hydraulic Hose Cover - 89 Lg.....	1
47	N73889	Hydraulic Hose Cover - 118 Lg.....	1
48	N73890	Hydraulic Hose Cover - 96 Lg.....	1
49	N70435	Calibration Tray Assy - (See Meter Section 4).....	1
50	N70397	Brakerite Control Assy - Sml Frame - (See Brake Section 11).....	1
51	N53577	Battery - 250 CCA.....	1



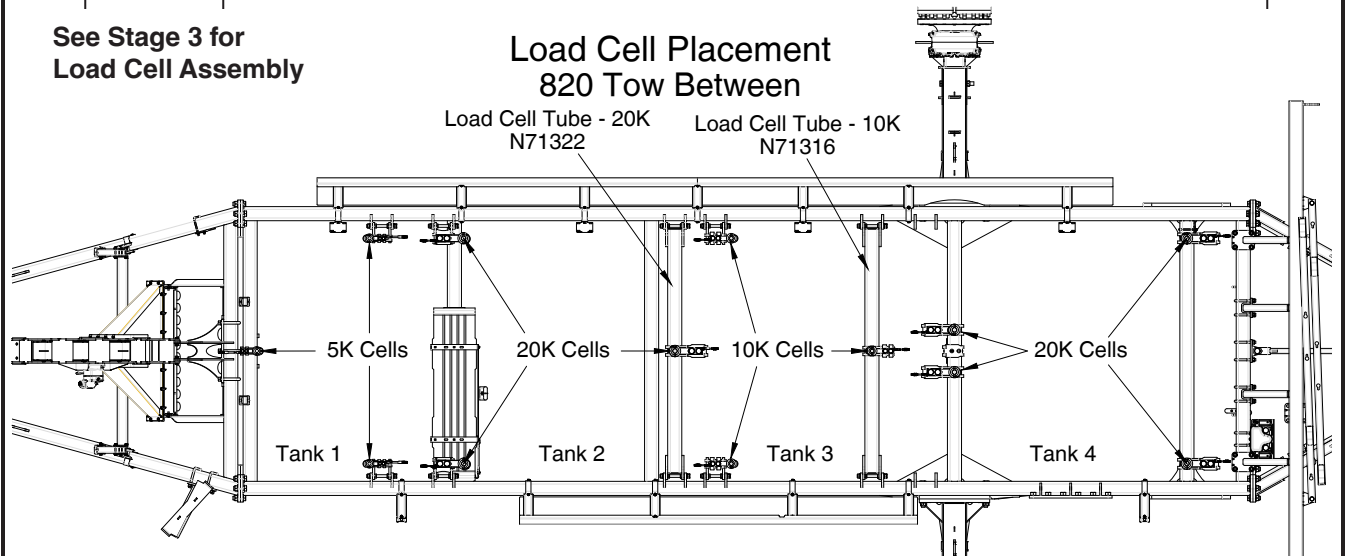
**Tow Between - 820 & 1050 (G69930)**  
**Stage 1**  
**Stage 2 - See Single Fan Assy Section 7**



## Frame - Tow Between 820 & 1050 (G69930) - Stage 1

Item	Part No.	Description	Qty
1	N68700	Main Frame.....	1
2	N70725	Btwn Frame.....	1
3	S64310	Hitch Tongue - Cat 5.....	1
4	N73997	Clevis Shim - 22Ga.....	2
5	N71346	Clevis Bolt Spacer Plate.....	2
6	N44710	Safety Chain - 80000Lb.....	1
7	S44716	Retaining Washer - 1.313 ID x 4 1/4 OD x 1/2 Thick.....	1
8	G69993	Pbag-10S - Btwn Hitch.....	1
9	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	36
10	J12344	Hex Head Bolt - 1 x 3 Lg.....	18
11	S39487	Hex Head Bolt - 1 x 8 Lg.....	3
12	D-5274	Locknut - 1 Unitorque.....	21
13	N73994	Hex Head Bolt - 1 1/4 x 4-1/2 Lg.....	1
14	C39432	Lockwasher - 1 1/4.....	1
15	P61D20	Hex Nut - 1 1/4.....	1
16	N70345	Kit - Rear Tow Hitch - <b>See Page 2-36</b> .....	1
17	N71490	Rear Axle Extension.....	2
18	N71025	Hub + Spindle Assy W/Brake - 60K (See Brake Section 11).....	2
19	N71032	Dual Wheel Hdwre Kit - 60K Hub.....	2
20	G69985	Pbag-10S - Axle Extensions.....	2
21	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	32
22	K-5478	Hex Head Bolt - 1 x 3 1/2 Lg.....	16
23	D-5274	Locknut - 1 Unitorque.....	17
24	N49643	Hex Head Bolt - 1 x 9 Lg.....	1
25	N74109	Hose Support Assy - Tow Between - (Includes Items 35 - 41).....	1
26	N71567	Light Brkt Frame - Cradle Support.....	1
27	N71460	Light Brkt - Dual.....	2
28	C-219	U-Bolt - 5/8 x 4 x 5 9/16 UL.....	8
29	G69986	Pbag-10S - Light Brkts.....	1
30	N11621	Hex Head Bolt - 3/4 x 8 1/2 Lg.....	2
31	D-5273	Locknut - 3/4 Unitorque.....	2
32	W-629	Flat Washer - 5/8.....	16
33	W-526	Lockwasher - 5/8.....	20
34	W-517	Hex Nut - 5/8.....	20
35	S42952	Hex Head Bolt - 1 x 6 5/8 Lg.....	1
36	C12838	Locknut - 1 Flange.....	1
37	N73308	Hose Support Bracket - Tow Between.....	1
38	N73305	Hose Support - Tow Between.....	1
39	S73084	Thurst Washer.....	1
40	C-219	U-Bolt - 5/8 x 4 x 5 9/16 UL.....	2
41	N19448	Chain - 80 Links.....	1

See Stage 3 for  
Load Cell Assembly



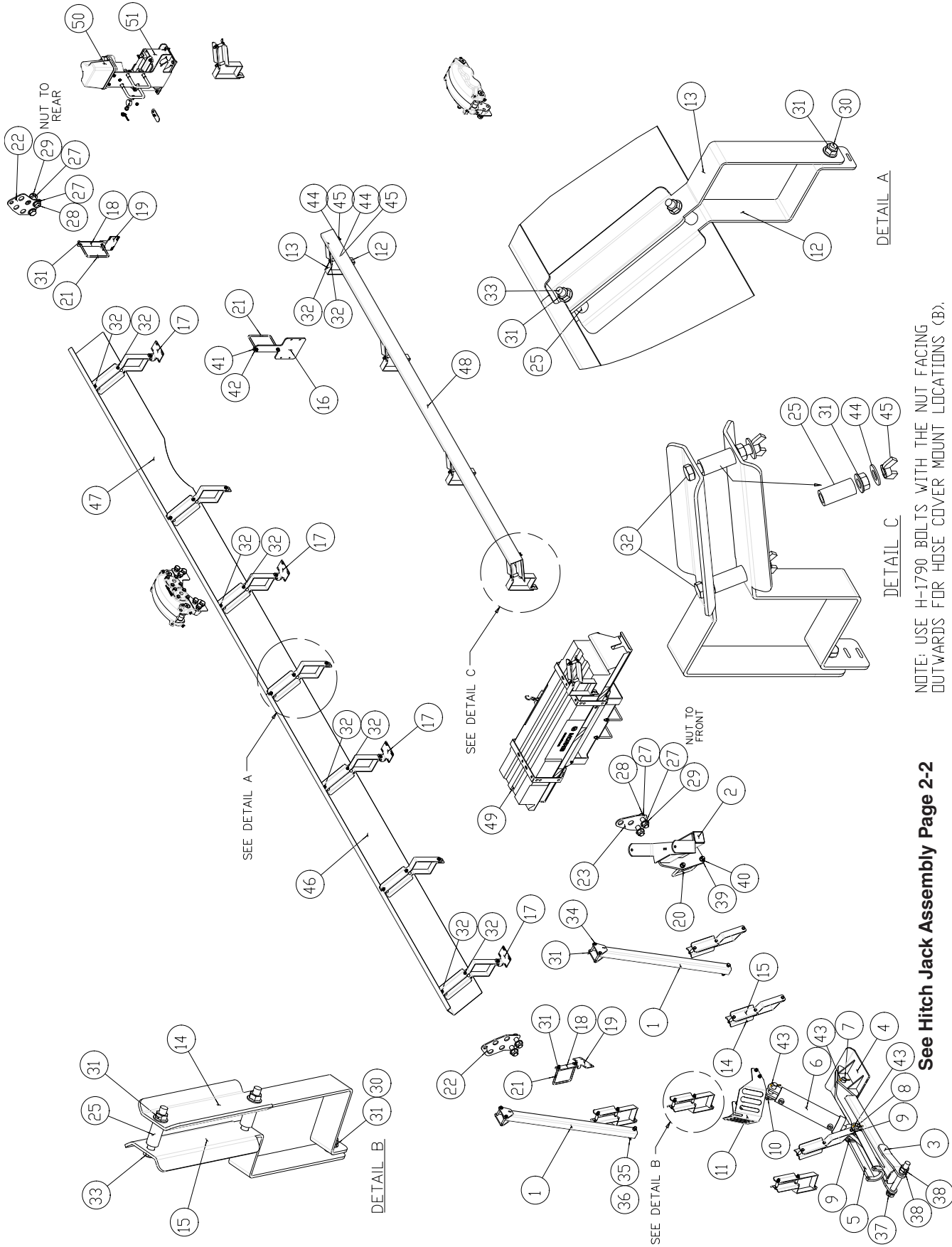




**Frame - Tow Between 820 & 1050 (G69930) - Stage 3**

Item	Part No.	Description	Qty
1	N71322	Load Cell Tube - Single 20K .....	1
2	N71316	Load Cell Tube - Single 10K .....	1
3	N74317	Load Cell Brkt - 5K .....	2
4	N74450	Load Cell Brkt - 20K .....	2
5	N74480	Load Cell Brkt - 10K .....	2
6	G69997	Pbag-10S - Load Cell Supports - (Includes Items Below) Whole Goods Only .....	1
7	W-1553	Hex Head Bolt - 3/4 x 2 1/4 Lg .....	20
8	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg .....	10
9	W-527	Lockwasher - 3/4 .....	30
10	W-518	Hex Nut - 3/4 .....	30
11	G69980	Carton-10S - Loadcell Set - 5K - (Includes Items Below) Whole Goods Only .....	1
12	N71305	Load Cell Assy - 5K .....	3
13	G69982	Pbag-10S - Loadcells - 5K - Washers - (Includes Items Below) Whole Goods Only .....	1
14	N71338	Shim Plate - 5K Cell .....	3
15	N71183	Washer - 17/32 x 1 1/8 x 1/4 Thick .....	6
16	N71192	Pad Washer - 5K Cell .....	3
17	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	3
18	N71308	Tapered Pin - 5K Cell .....	3
19	G69981	Pbag-10S - Loadcells - 5K - Hdware - (Includes Items Below) Whole Goods Only .....	1
20	W-525	Lockwasher - 1/2 .....	6
21	W-491	Hex Bolt - 1/2 x 2 3/4 Lg .....	6
22	W-516	Hex Nut - 1/2 .....	6
23	N73806	Wire Lock Pin - 1/4 x 1 3/4 UL .....	6
24	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only .....	1
25	N71310	Load Cell Assy - 10K .....	3
26	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only .....	1
27	N71348	Shim Plate - 10K Cell .....	3
28	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	6
29	N71195	Pad Washer - 10K Cell .....	3
30	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick .....	3
31	N71314	Tapered Pin - 10K Cell .....	3
32	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only .....	1
33	W-527	Lockwasher - 3/4 .....	6
34	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg .....	6
35	W-518	Hex Nut - 3/4 .....	6
36	N73808	Wire Lock Pin - 5/16 x 1-3/4 UL .....	6
37	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only .....	1
38	N71320	Load Cell Assy - 20K .....	3
39	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only .....	1
40	N71352	Shim Plate - 20K Cell .....	3
41	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick .....	6
42	N71197	Pad Washer - 20K Cell .....	3
43	N70348	Washer - 1 9/32 x 2 1/4 x 1/4 Thick .....	3
44	N71312	Tapered Pin - 20K Cell .....	3
45	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only .....	1
46	C-705	Lockwasher - 1 .....	6
47	C-4072	Hex Head Bolt - 1 x 4 Lg .....	6
48	W-520	Hex Nut - 1 .....	6
49	N73810	Wire Lock Pin - 3/8 x 2 3/16 UL .....	6
50	G73575	Carton 10S - Loadcell Set 4x20K - (Includes Items Below) Whole Goods Only .....	1
51	N71320	Load Cell Assy - 20K .....	4
52	G73704	Pbag-10S-Load-20K-Hdware-Rr-Tnk - (Includes Items Below) Whole Goods Only .....	1
53	C-705	Lockwasher - 1 .....	8
54	C-4072	Hex Head Bolt - 1 x 4 Lg .....	8
55	W-520	Hex Nut - 1 .....	8
56	G74455	Pbag-10S-Lcell4-20K-Washers - (Includes Items Below) Whole Goods Only .....	1
57	N71352	Shim Plate - 20K Cell .....	4
58	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick .....	8
59	N71197	Pad Washer - 20K Cell .....	4
60	N70348	Washer - 1 9/32 x 2 1/4 x 1/4 Thick .....	4
61	N71312	Tapered Pin - 20K Cell .....	4
62	N73810	Wire Lock Pin - 3/8 x 2 3/16 UL .....	8
	G69930	820 Tow Between Frame and Hitch Assembly - Stage 3 - (Whole Goods Only)	

# Frame Tow Between - 820 & 1050 (G69930) Stage 4



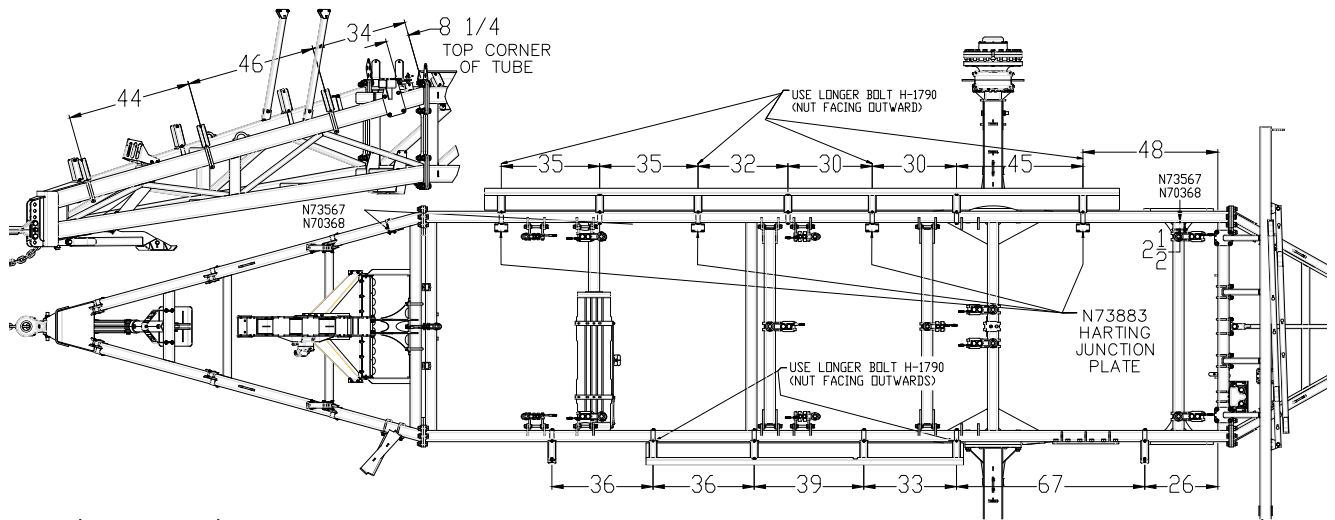
NOTE: USE H-1790 BOLTS WITH THE NUT FACING OUTWARDS FOR HOSE COVER MOUNT LOCATIONS (B).

See Hitch Jack Assembly Page 2-2

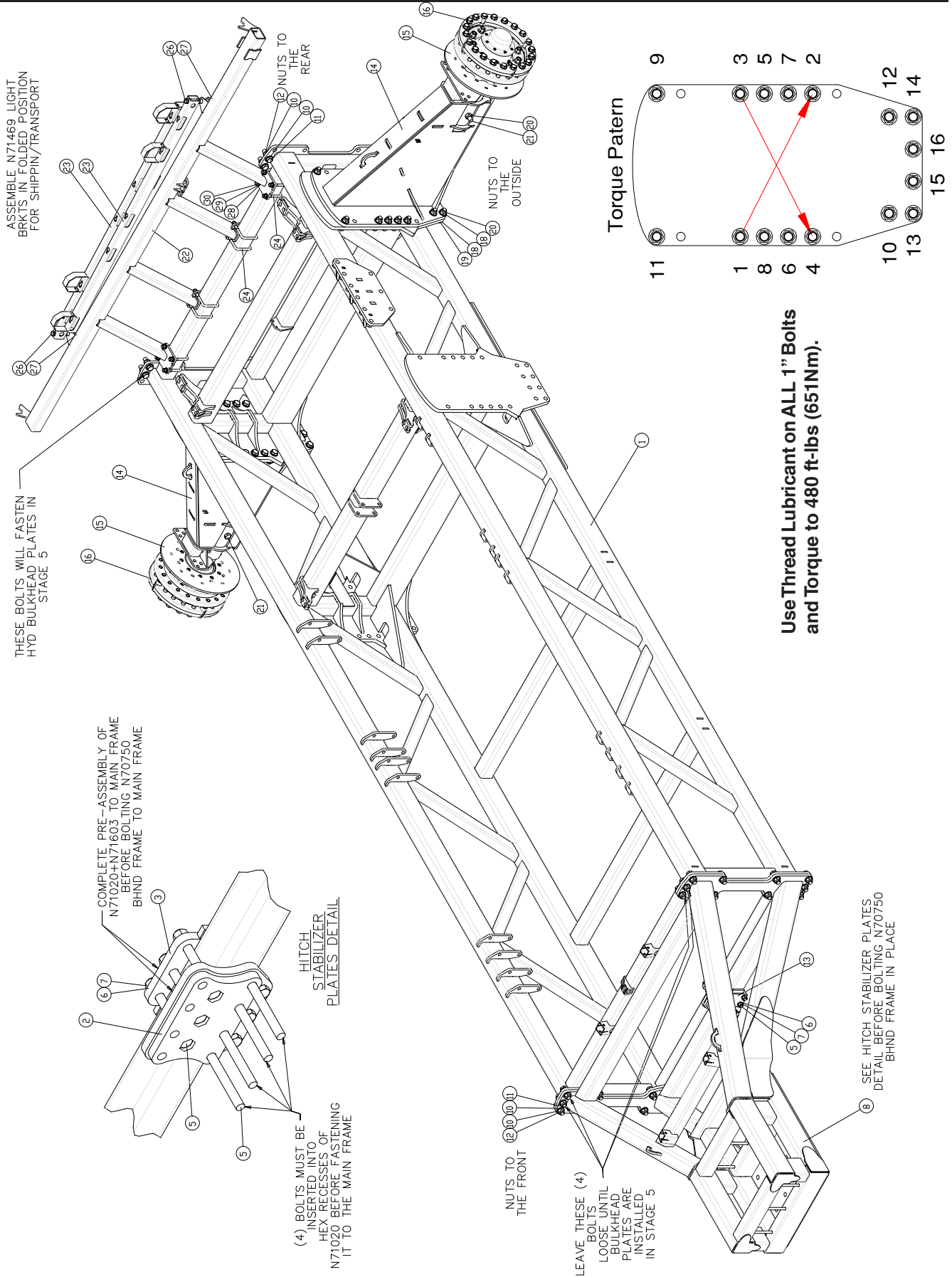


## Frame - Tow Between 820 & 1050 (G69930) - Stage 4

Item	Part No.	Description	Qty
1	N70611	Platform Leg - Front.....	2
2	N70965	Staircase Support - Upper - Btwn .....	1
3	N47735	Hydraulic Jack Support Arm .....	1
4	N47738	Base Assembly.....	1
5	N49396	Transport Lock .....	1
6	C39175	Hyd Cylinder - 3 1/2 x 12.....	1
7	N28997	Pin - 1 1/4 x 2 1/4 UL .....	1
8	S39545	Pin - 1 1/4 x 4 5/16 UL.....	1
9	N56747	Wear Plate Washer.....	2
10	S42784	Pin - 1 1/4 x 3 5/16 UL.....	1
11	N53166	Plate - Hose Storage .....	1
12	N69739	Hose Holder - Lower .....	13
13	N69738	Hose Holder .....	13
14	N69748	Inner Hose Holder .....	6
15	N69749	Vertical Hose Holder.....	6
16	N70374	Scale Link Mount.....	1
17	N73883	Harting Junction - 90 Degree Mount .....	4
18	N73567	Harting Junction Strap.....	2
19	N70368	Harting Junction - Straight.....	2
20	F-4642	U-Bolt - 5/8 x 6 x 5 1/2 UL.....	2
21	H10592	U-Bolt - 3/8 x 6 x 5 UL .....	3
22	N69746	Bulkhead Plate - Right .....	2
23	N69742	Bulkhead Plate - Left.....	1
24	G69924	Pbag-10S-Hose-Hold-Bush-Btwn-Na.....	1
25	N69879	Bushing - 0.385 ID x 5/8 OD x 1 5/16 Lg.....	38
26	G69922	Pbag-10S-Hose-Hold-Misc-Btwn-Na .....	1
27	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga .....	16
28	J12344	Hex Head Bolt - 1 x 3 Lg .....	8
29	D-5274	Locknut - 1 Unitorque .....	8
30	W-475	Hex Head Bolt - 3/8 x 1 Lg .....	23
31	S27987	Locknut - 3/8 Flange .....	69
32	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg .....	12
33	W-480	Hex Head Bolt - 3/8 x 2 1/2 Lg .....	26
34	W-1854	Hex Bolt - 3/8 x 3 Lg.....	4
35	D-5519	Hex Bolt - 1/2 x 3 1/4 Lg.....	2
36	F-3405	Locknut - 1/2 Unitorque .....	2
37	C39424	Hex Head Bolt - 1 1/4 x 10 Lg .....	1
38	C15768	Hex Jam Nut - 1 1/4 .....	2
39	W-526	Lockwasher - 5/8.....	4
40	W-517	Hex Nut - 5/8.....	4
41	W-523	Lockwasher - 3/8.....	2
42	W-514	Hex Nut - 3/8.....	2
43	D-5239	Cotter Pin - 1/4 x 2 1/4 Lg .....	3
44	D-5489	Flat Washer - 3/8.....	12
45	C26227	Wing Nut - 3/8 .....	12
46	N73885	Hydraulic Hose Cover - 108 Lg.....	1
47	N73886	Hydraulic Hose Cover - 118 Lg .....	1
48	N73887	Hydraulic Hose Cover - 113 Lg .....	1
49	N70435	Calibration Tray Assy - (See Meter Section 4).....	1
50	N70407	Brakerite Control Assy - No Spacers - (See Brake Section 11) .....	1
51	N53577	Battery - 250 Cca .....	1



# Tow Behind 660 - G69925 Stage 1

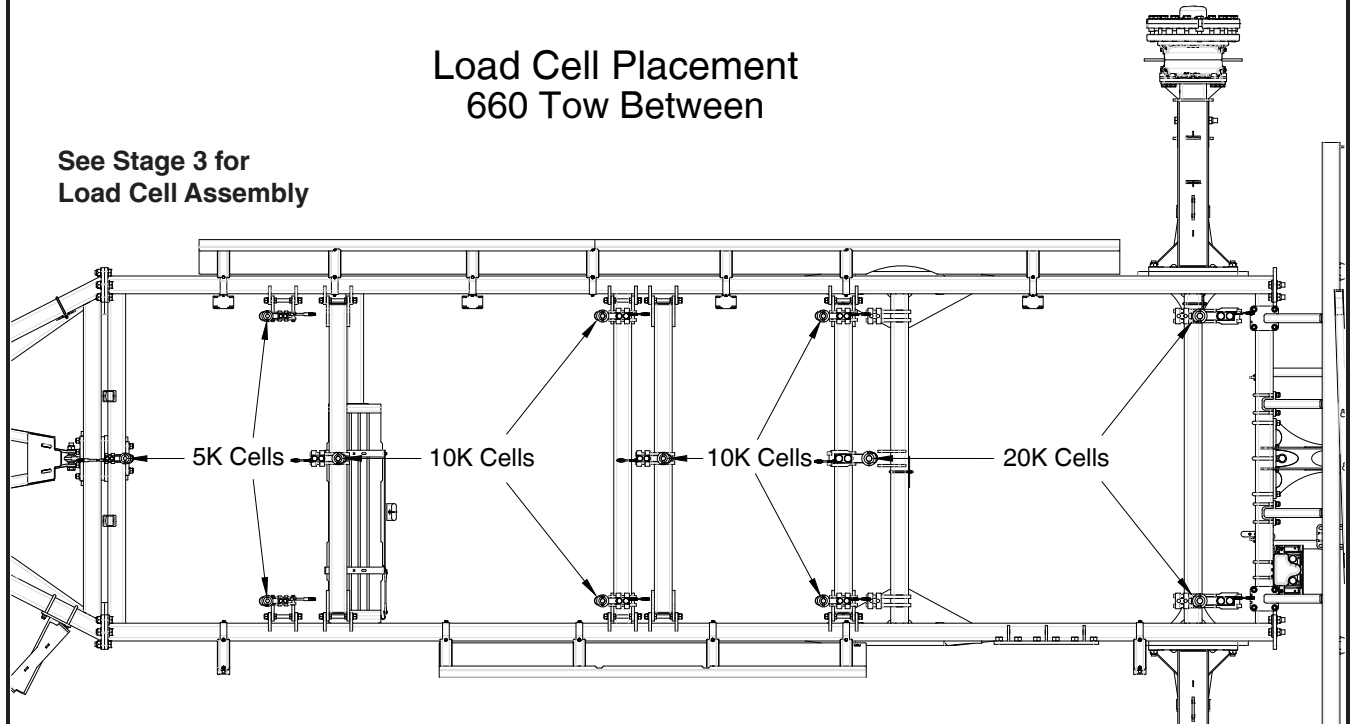


## Frame - Tow Behind - Stage 1

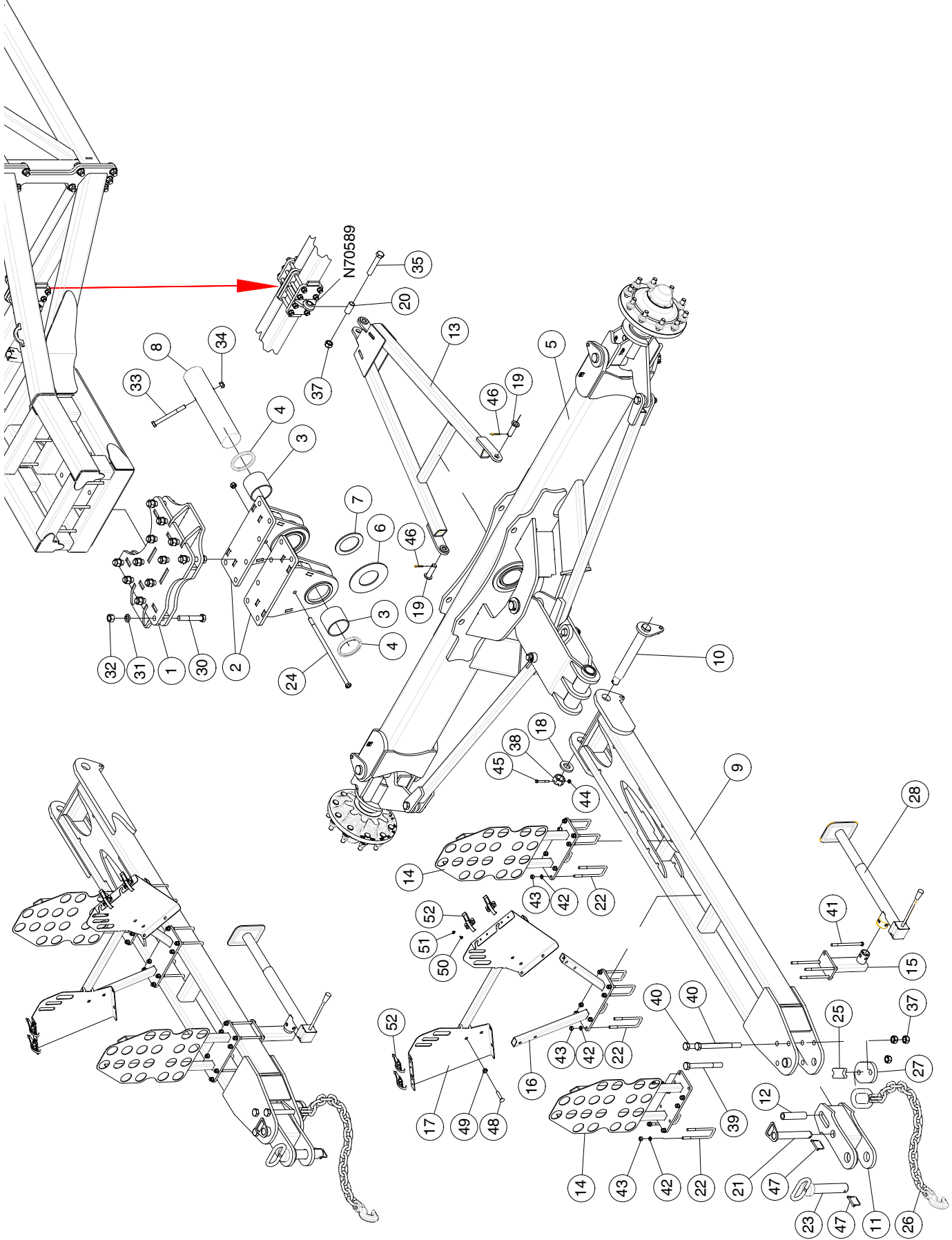
Item	Part No.	Description	Qty
1	N70335	Main Frame - Short .....	1
2	N71020	Hitch Stabilizer Spacer Plate .....	1
3	N71603	Backing Plate.....	1
4	G69926	Pbag-10S-Bhnd-Hitch-Brace - (Includes Items Below) Whole Goods Only .....	1
5	C-3525	Hex Head Bolt - 3/4 x 6 1/2 Lg.....	14
6	W-527	Lockwasher - 3/4 .....	14
7	W-518	Hex Nut - 3/4.....	14
8	N70750	Behind Frame .....	1
9	G69932	Pbag-10S-Bhnd-Frame-Reg - (Includes Items Below) Whole Goods Only .....	1
10	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	52
11	J12344	Hex Head Bolt - 1 x 3 Lg.....	26
12	D-5274	Locknut - 1 Unitorque .....	26
13	N70589	Hitch Stabilizer Joint .....	1
14	N71490	Rear Axle Extension .....	2
15	N55226	Hub And Spindle Assembly-W/Brake - 35K (See Brake Section 11).....	2
16	N71428	Dual Wheel Hub Adapter Assembly .....	2
17	G69985	Pbag-10S - Axle Extensions - (Includes Items Below) Whole Goods Only .....	2
18	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	32
19	K-5478	Hex Head Bolt - 1 x 3 1/2 Lg.....	16
20	D-5274	Locknut - 1 Unitorque .....	17
21	N49643	Hex Head Bolt - 1 x 9 Lg.....	1
22	N71567	Light Bracket Frame - Cradle Support.....	1
23	N71460	Light Bracket - Dual .....	2
24	C-219	U-Bolt - 5/8 x 4 x 5-9/16 UL .....	8
25	G69986	Pbag-10S - Light Brkts - (Includes Items Below) Whole Goods Only .....	1
26	N11621	Hex Head Bolt - 3/4 x 8 1/2 Lg.....	2
27	D-5273	Locknut - 3/4 Unitorque .....	2
28	W-629	Flat Washer - 5/8 .....	16
29	W-526	Lockwasher - 5/8 .....	16
30	W-517	Hex Nut - 5/8.....	16
	G69925	660 Tow Behind Frame and Hitch Assembly - Stage 1 - (Whole Goods Only)	

### Load Cell Placement 660 Tow Between

See Stage 3 for  
Load Cell Assembly



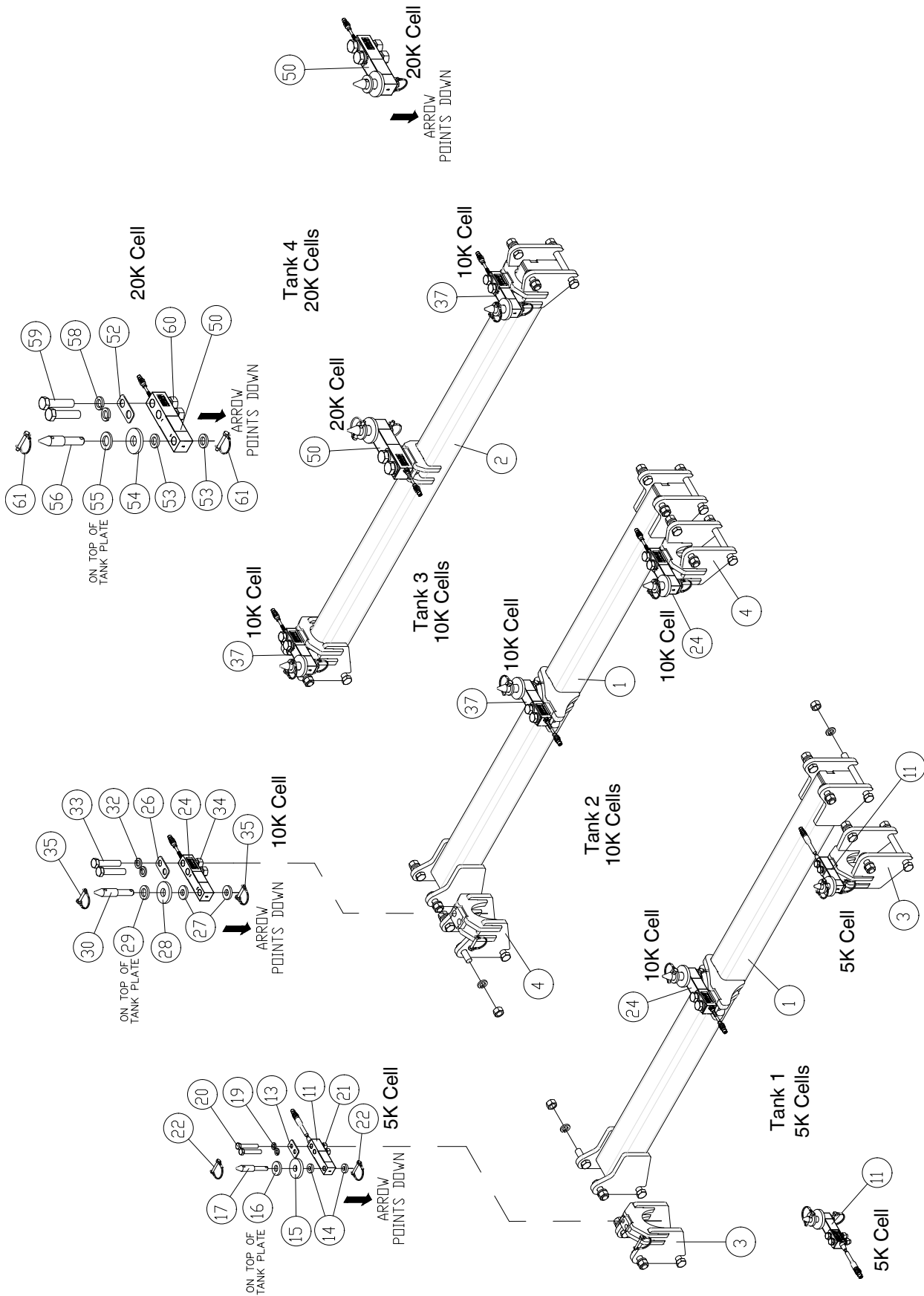
# Tow Behind 660 - G69925 Stage 2



## Frame - Tow Behind - Stage 2

Item	Part No.	Description	Qty
1	N71295	Quad Steer Spacer Block .....	1
2	N51910	Bearing Housing - (Includes Items 3 and 4) .....	2
3	N36225	Bushing - 4.510 ID x 5.094 OD x 4 Lg .....	1
4	N36228	Dust Seal - CR44913 - 4.5 Shaft Dia x 5.256 OD .....	1
5	N70910	Quad Steer Axle Assy - <b>See Page 2-28 for Details</b> .....	1
6	N53132	Thrust Washer - 4 17/32 ID x 9 OD x 1/4 Thick .....	1
7	N44584	Thrust Washer - 4 17/32 ID x 6 1/2 OD x 1/4 Thick .....	1
8	N53100	Main Pivot Shaft .....	1
9	N51945	Hitch .....	1
10	N53105	King Pin - 2 Dia x 14 UL .....	1
11	N65745	Hitch Clevis - 2" Pin (used on QUANTUM) .....	1
12	N53149	Bushing - 1.02 ID x 1 1/2 OD x 6 Lg .....	1
13	N55140	Hitch Draft Link .....	1
14	N71045	Primary Pipe Stand .....	2
15	N53273	Hitch Jack Bracket .....	1
16	N73905	Mount Base .....	1
17	N73904	Mount Holder .....	1
18	N70343	Washer - 1 17/32 x 3 x 3/8 Thick .....	1
19	N47700	Pin - 1 Dia x 2 7/8 UL .....	2
20	N53101	Spacer Bushing - 1 1/32 ID x 1 1/4 OD x 2 1/2 Lg. ....	1
21	N53820	Drop Pin - 1 1/2 Dia x 8 13/16 Lg .....	1
22	H-4321	U-Bolt - 1/2 x 2 1/16 x 7 1/4 UL .....	10
23	N70850	Hitch Draw Pin - 2 x 8 1/2 UL .....	1
24	S44449	Threaded Rod - 3/4 x 20 1/4 Lg .....	1
25	S53814	Spacer Plate - Safety Chain .....	1
26	N44710	Safety Chain - 80000 Lb .....	1
27	S53816	Safety Chain Plate .....	1
28	N58091	Hitch Jack - Side Wind .....	1
29	G69928	<b>Pbag-10S-Quad-Hitch-Pivot - (Includes Items Below) Whole Goods Only .....</b>	<b>1</b>
30	C-699	Hex Head Bolt - 1 x 6 Lg .....	12
31	C-705	Lockwasher - 1 .....	12
32	W-520	Hex Nut - 1 .....	12
33	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg .....	1
34	D-5273	Locknut - 3/4 Unitorque .....	2
35	G69929	<b>Pbag-10S-Quad-Hitch-Misc - (Includes Items Below) Whole Goods Only .....</b>	<b>1</b>
36	C-231	Hex Bolt - 1 x 5 1/2 Lg .....	1
37	D-5274	Locknut - 1 Unitorque .....	4
38	N21728	Hex Slotted Nut - 1 1/2 - 12 UNF .....	1
39	N49643	Hex Head Bolt - 1 x 9 Lg .....	1
40	K53438	Hex Head Bolt - 1 x 11 Lg .....	2
41	W-3687	Hex Head Bolt - 1/2 x 8 Lg .....	4
42	W-525	Lockwasher - 1/2 .....	24
43	W-516	Hex Nut - 1/2 .....	24
44	S27987	Locknut - 3/8 Flange .....	1
45	W-1854	Hex Bolt - 3/8 x 3 Lg .....	1
46	W-535	Cotter Pin - 1/4 x 1 1/2 Lg .....	2
47	C13447	Quick Pin - 5/16 x 2 1/2 Lg .....	2
48	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg .....	4
49	D14565	Locknut - 1/2 Serrated .....	4
50	N53215	Carriage Bolt - 1/4 x 1/2 Lg .....	8
51	D-5277	Locknut - 1/4 Serrated .....	8
52	N42213	Latch .....	4
	G69925	<b>660 Tow Behind Frame and Hitch Assembly - Stage 2 - (Whole Goods Only)</b>	
	N73910	<b>Quick Coupler Mount - (Includes Items 16, 17, 52 and 4 of 22) - (Whole Goods Only)</b>	

**Tow Behind 660 - G69925**  
**Stage 3**  
**Stage 4 - See Single Fan Assy Section 7**

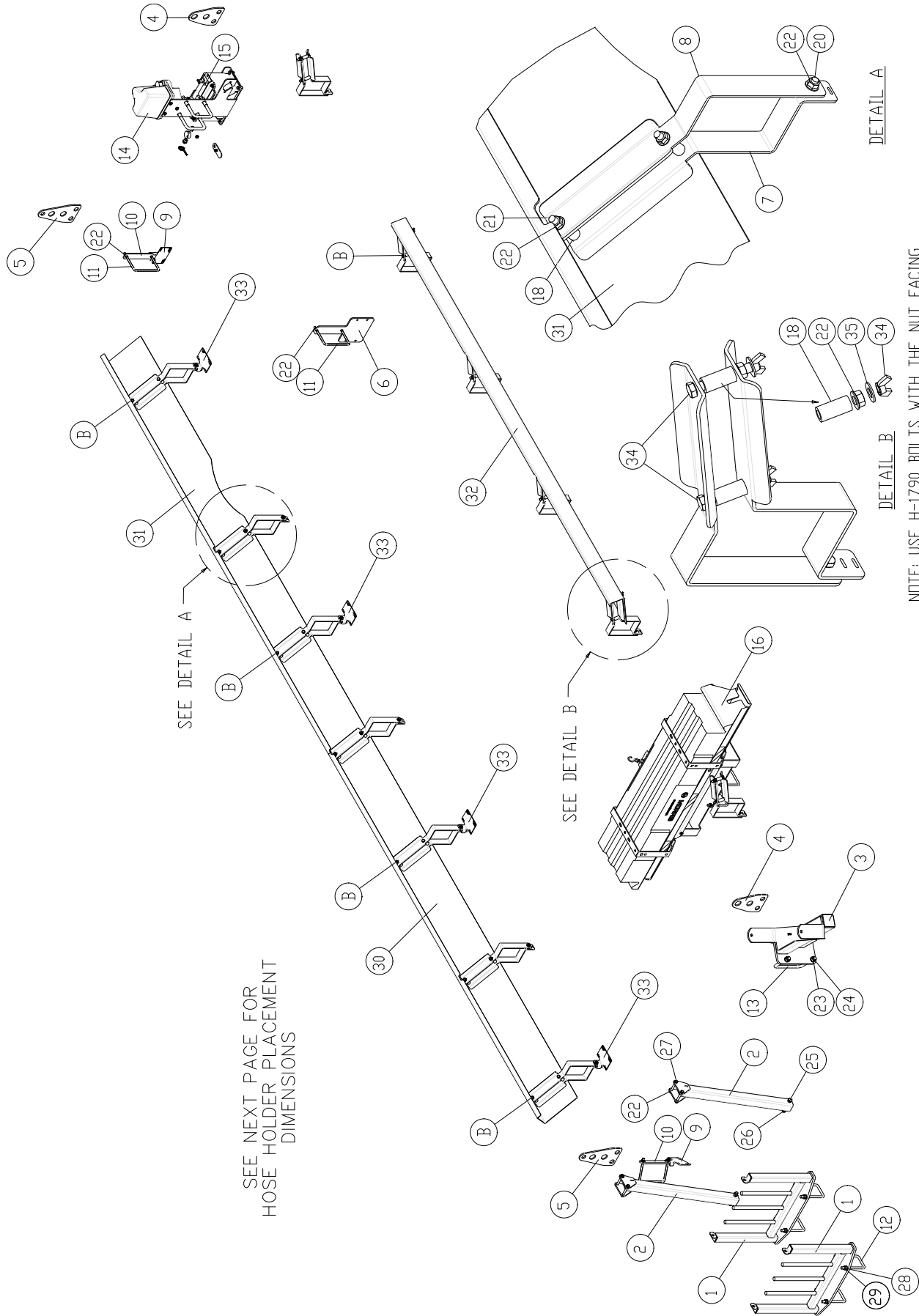




**Frame - Tow Behind 660 - G69925 - Stage 3**

Item	Part No.	Description	Qty
1	N71316	Load Cell Tube - Single 10K .....	2
2	N70315	Load Cell Tube - 10/20K .....	1
3	N70699	Load Cell Mount - 5000 Lb.....	2
4	N71366	Load Cell Mount - 10000 Lb.....	2
5	G69919	Pbag - 10S-Loadcell Supp-660-590.....	1
6	W-1553	Hex Head Bolt - 3/4 x 2 1/4 Lg.....	20
7	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg.....	10
8	W-527	Lockwasher - 3/4.....	30
9	W-518	Hex Nut - 3/4.....	30
10	G69980	Carton-10S - Loadcell Set - 5K - (Includes Items Below) Whole Goods Only .....	1
11	N71305	Load Cell Assy - 5K.....	3
12	G69982	Pbag-10S - Loadcells - 5K - Washers - (Includes Items Below) Whole Goods Only .....	1
13	N71338	Shim Plate - 5K Cell .....	3
14	N71183	Washer - 17/32 x 1 1/8 x 1/4 Thick .....	6
15	N71192	Pad Washer - 5K Cell .....	3
16	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	3
17	N71308	Tapered Pin - 5K Cell.....	3
18	G69981	Pbag-10S - Loadcells - 5K - Hdware - (Includes Items Below) Whole Goods Only.....	1
19	W-525	Lockwasher - 1/2.....	6
20	W-491	Hex Bolt - 1/2 x 2 3/4 Lg.....	6
21	W-516	Hex Nut - 1/2.....	6
22	N73806	Wire Lock Pin - 1/4 x 1 3/4 UL.....	6
23	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only .....	1
24	N71310	Load Cell Assy - 10K.....	3
25	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only .....	1
26	N71348	Shim Plate - 10K Cell .....	3
27	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	6
28	N71195	Pad Washer - 10K Cell .....	3
29	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick.....	3
30	N71314	Tapered Pin - 10K Cell.....	3
31	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only .....	1
32	W-527	Lockwasher - 3/4.....	6
33	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg.....	6
34	W-518	Hex Nut - 3/4.....	6
35	N73808	Wire Lock Pin - 5/16 x 1 3/4 UL.....	6
36	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only .....	1
37	N71310	Load Cell Assy - 10K.....	3
38	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only .....	1
39	N71348	Shim Plate - 10K Cell .....	3
40	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	6
41	N71195	Pad Washer - 10K Cell .....	3
42	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick.....	3
43	N71314	Tapered Pin - 10K Cell.....	3
44	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only .....	1
45	W-527	Lockwasher - 3/4.....	6
46	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg.....	6
47	W-518	Hex Nut - 3/4.....	6
48	N73808	Wire Lock Pin - 5/16 x 1 3/4 UL.....	6
49	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only .....	1
50	N71320	Load Cell Assy - 20K.....	3
51	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only .....	1
52	N71352	Shim Plate - 20K Cell .....	3
53	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick .....	6
54	N71197	Pad Washer - 20K Cell .....	3
55	N70348	Washer - 1 9/32 x 2 1/4 x 1/4 Thick.....	3
56	N71312	Tapered Pin - 20K Cell.....	3
57	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only.....	1
58	C-705	Lockwasher - 1.....	6
59	C-4072	Hex Head Bolt - 1 x 4 Lg.....	6
60	W-520	Hex Nut - 1.....	6
61	N73810	Wire Lock Pin - 3/8 x 2 3/16 UL.....	6
	G69925	660 Tow Behind Frame and Hitch Assembly - Stage 2 - (Whole Goods Only)	

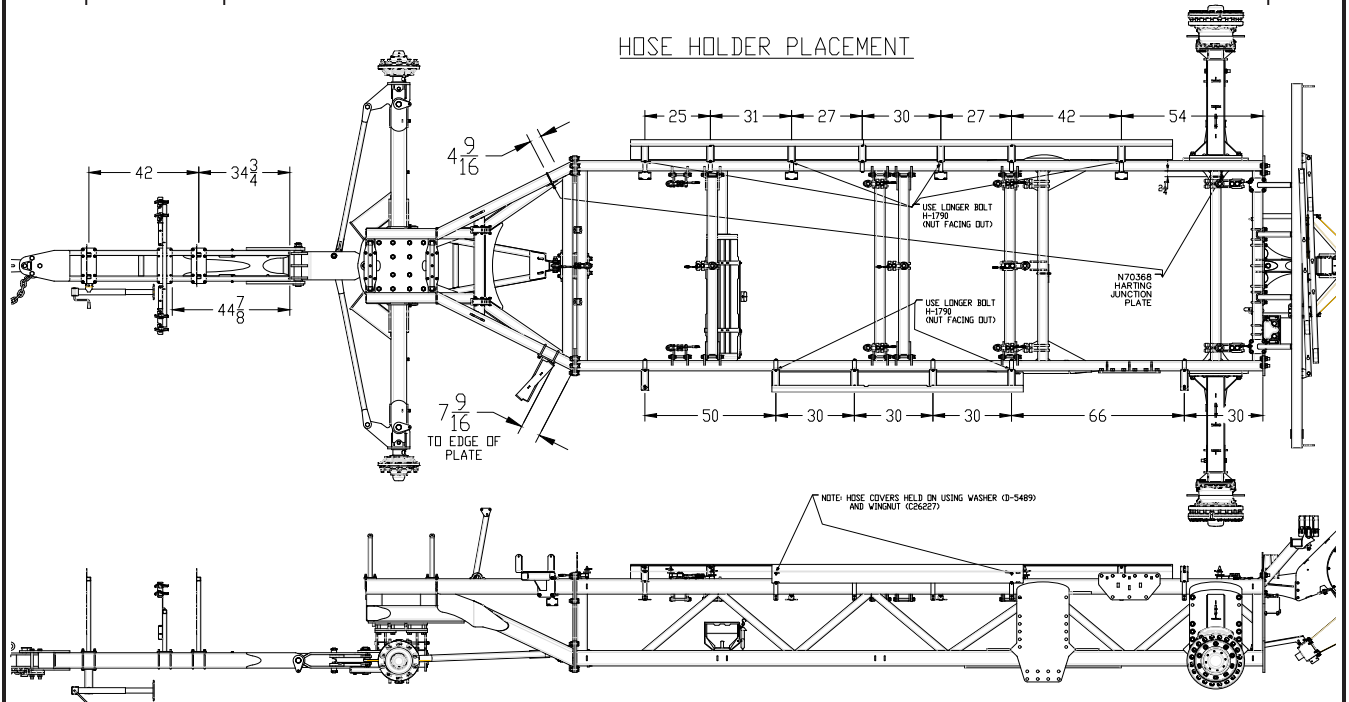
# Tow Behind 660 - G69925 Stage 5



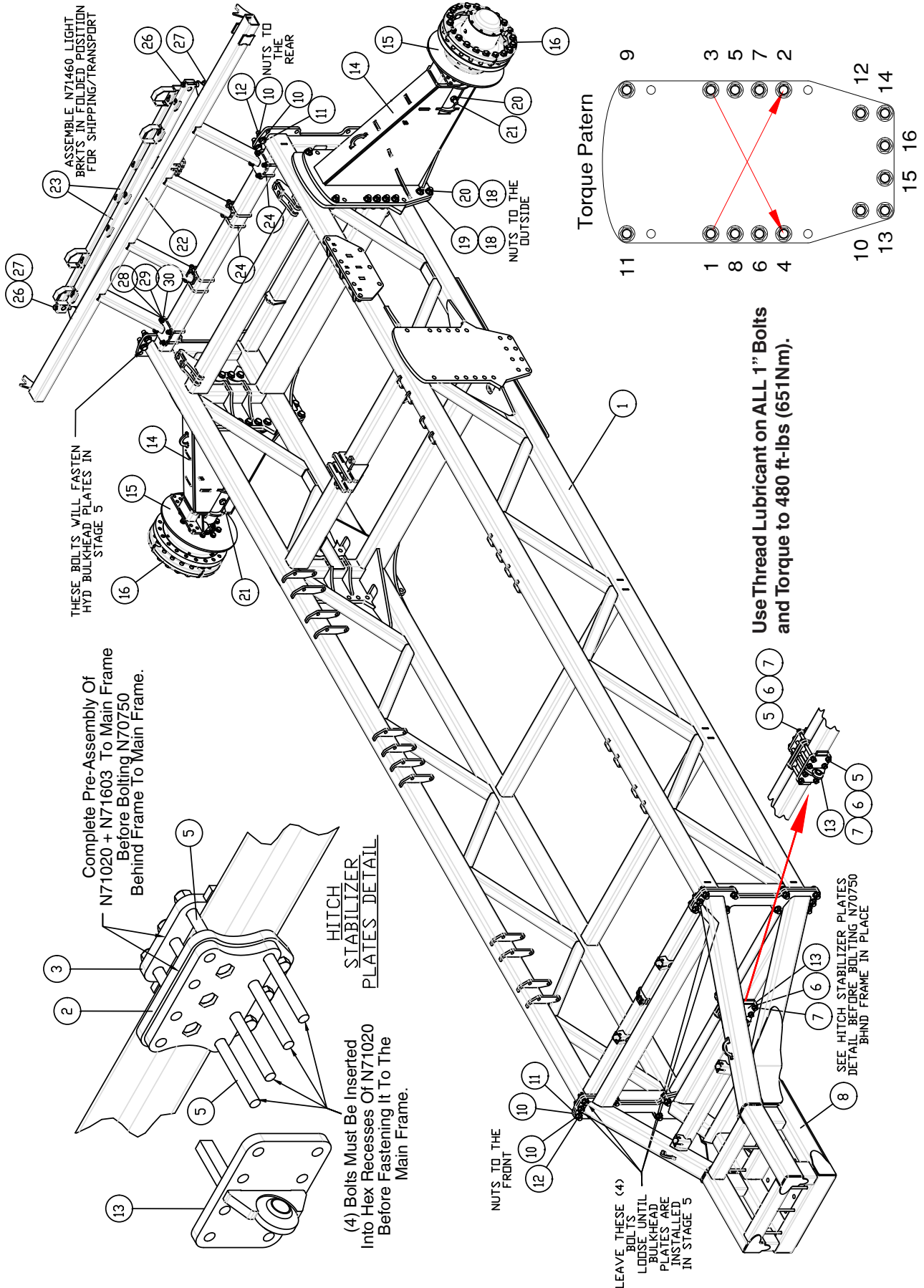


## Frame - Tow Behind - Stage 5

Item	Part No.	Description	Qty
1	N71090	Primary Tower - Wide .....	2
2	N70608	Platform Support - Short.....	2
3	N70603	Staircase Support - Upper - Bhnd.....	1
4	N69742	Bulkhead Plate - Left .....	2
5	N69741	Bulkhead Plate .....	2
6	N70374	Scale Link Mount.....	1
7	N69739	Hose Holder - Lower.....	13
8	N69738	Hose Holder.....	13
9	N70368	Harting Junction - Straight .....	2
10	N73567	Harting Junction Strap .....	2
11	H10592	U-Bolt - 3/8 x 6 x 5 Lg.....	3
12	K51086	U-Bolt - 1/2 x 3 x 5 3/4 UL .....	4
13	F-4642	U-Bolt - 5/8 x 6 x 5 1/2 UL .....	2
14	N70407	Brakerite Control Assy - Lrg Frame (See Brake Section 11).....	1
15	N53577	Battery - 250 CCA.....	1
16	N70435	Calibration Tray Assy - (See Meter Section 4).....	1
17	G69936	Pbag-10S-Hyd-Holder-Bush-Bhnd - (Includes Items Below) Whole Goods Only .....	1
18	N69879	Bushing - 0.385 ID x 5/8 OD x 1 5/16 Lg .....	26
19	G69934	Pbag-10S-Hose-Holder-Misc-Bhnd - (Includes Items Below) Whole Goods Only .....	1
20	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	13
21	W-480	Hex Head Bolt - 3/8 x 2 1/2 Lg.....	14
22	S27987	Locknut - 3/8 Flange.....	49
23	W-526	Lockwasher - 5/8 .....	4
24	W-517	Hex Nut - 5/8.....	4
25	D-5519	Hex Bolt - 1/2 x 3 1/4 Lg .....	2
26	F-3405	Locknut - 1/2 Unitorque .....	2
27	W-1854	Hex Bolt - 3/8 x 3 Lg .....	4
28	W-525	Lockwasher - 1/2 .....	8
29	W-516	Hex Nut - 1/2.....	8
34	H-1790	Hex Bolt - 3/8 x 2 3/4 Lg .....	12
35	D-5489	Flat Washer - 13/32 ID x 13/16 OD x 16 Ga.....	12
36	C26227	Wing Nut - 3/8.....	12
30	N73888	Hydraulic Hose Cover - 89 Lg.....	1
31	N73889	Hydraulic Hose Cover - 118 Lg .....	1
32	N73890	Hydraulic Hose Cover - 96 Lg.....	1
33	N73883	Harting Junction - 90 Degree Mount.....	4
	G69925	660 Tow Behind Frame and Hitch Assembly - Stage 5 - (Whole Goods Only)	

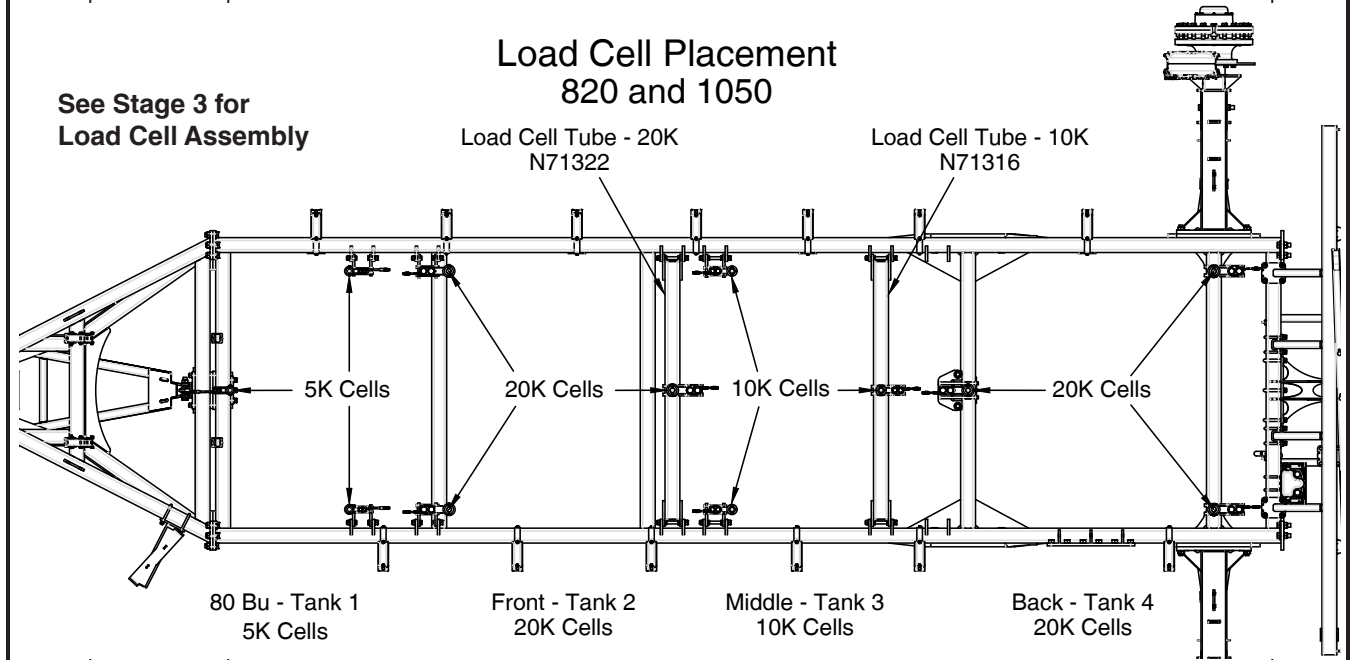


# Tow Behind 820 & 1050 - G69940 Stage 1

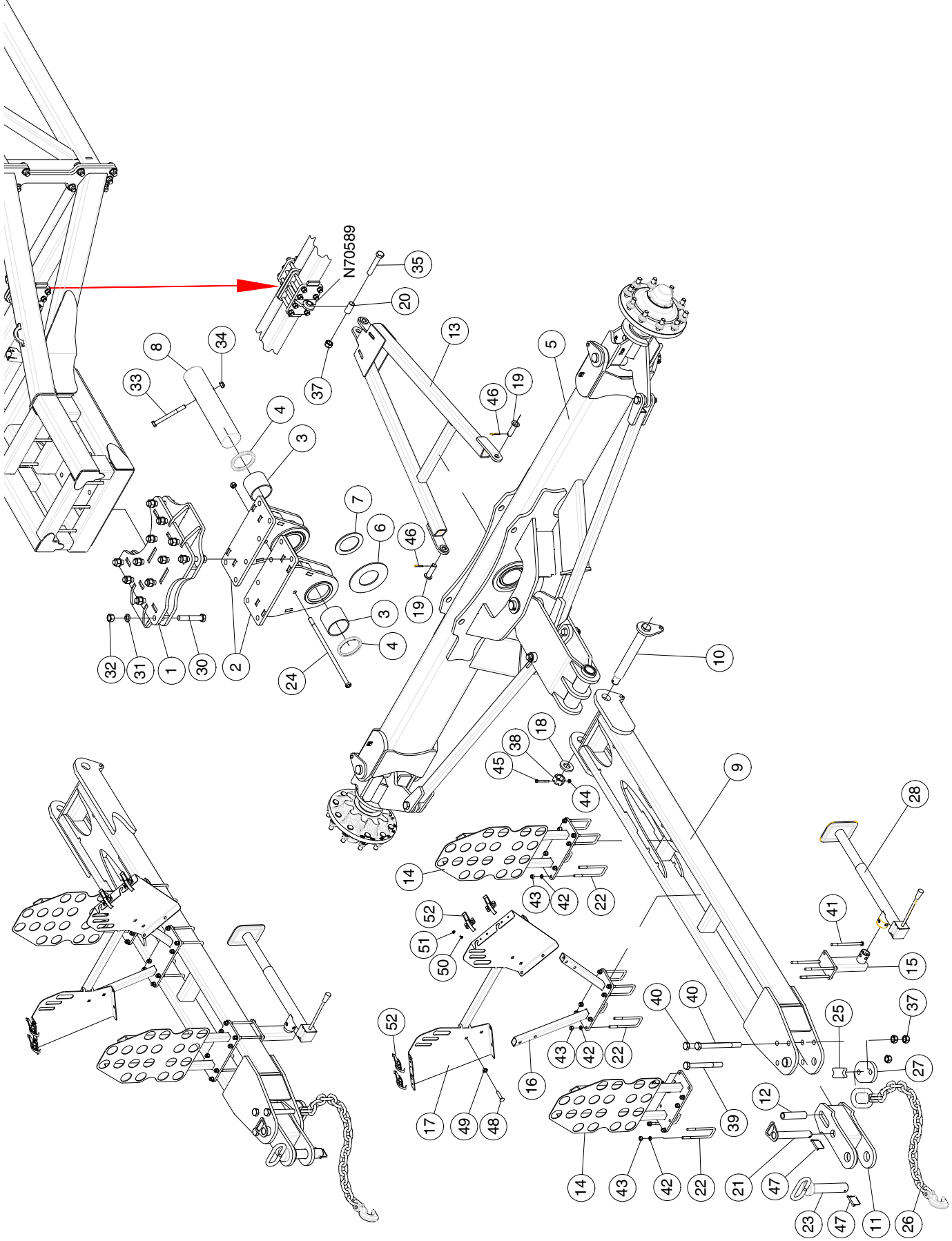


## Frame - Tow Behind - Stage 1

Item	Part No.	Description	Qty
1	N68700	Main Frame.....	1
2	N71020	Hitch Stabilizer Spacer Plate.....	1
3	N71603	Backing Plate.....	1
4	G69926	Pbag-10S-Bhnd-Hitch-Brace - (Includes Items Below) Whole Goods Only.....	1
5	C-3525	Hex Head Bolt - 3/4 x 6 1/2 Lg.....	14
6	W-527	Lockwasher - 3/4.....	14
7	W-518	Hex Nut - 3/4.....	14
8	N70750	Behind Frame.....	1
9	G69932	Pbag-10S-Bhnd-Frame-Reg - (Includes Items Below) Whole Goods Only.....	1
10	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	52
11	J12344	Hex Head Bolt - 1 x 3 Lg.....	26
12	D-5274	Locknut - 1 Unitorque.....	26
13	N70589	Hitch Stabilizer Joint.....	1
14	N71490	Rear Axle Extension.....	2
15	N71025	Hub + Spindle Assembly W/Brake - 60K (See Brake Section 11).....	2
16	N71032	Dual Wheel Hdwre Kit - 60K Hub.....	2
17	G69985	Pbag-10S - Axle Extensions - (Includes Items Below) Whole Goods Only.....	2
18	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	32
19	K-5478	Hex Head Bolt - 1 x 3 1/2 Lg.....	16
20	D-5274	Locknut - 1 Unitorque.....	17
21	N49643	Hex Head Bolt - 1 x 9 Lg.....	1
22	N71567	Light Bracket Frame - Cradle Support.....	1
23	N71460	Light Bracket - Dual.....	2
24	C-219	U-Bolt - 5/8 x 4 x 5-9/16 UL.....	8
25	G69986	Pbag-10S - Light Brkts - (Includes Items Below) Whole Goods Only.....	1
26	N11621	Hex Head Bolt - 3/4 x 8 1/2 Lg.....	2
27	D-5273	Locknut - 3/4 Unitorque.....	2
28	W-629	Flat Washer - 5/8.....	16
29	W-526	Lockwasher - 5/8.....	20
30	W-517	Hex Nut - 5/8.....	20
31	S42952	Hex Head Bolt - 1 x 6 5/8 Lg.....	1
32	C12838	Locknut - 1 Flange.....	1
	G69940	Tow Behind Frame and Hitch Assembly - Stage 1 - (Whole Goods Only)	



# Tow Behind 820 & 1050 - G69940 Stage 2

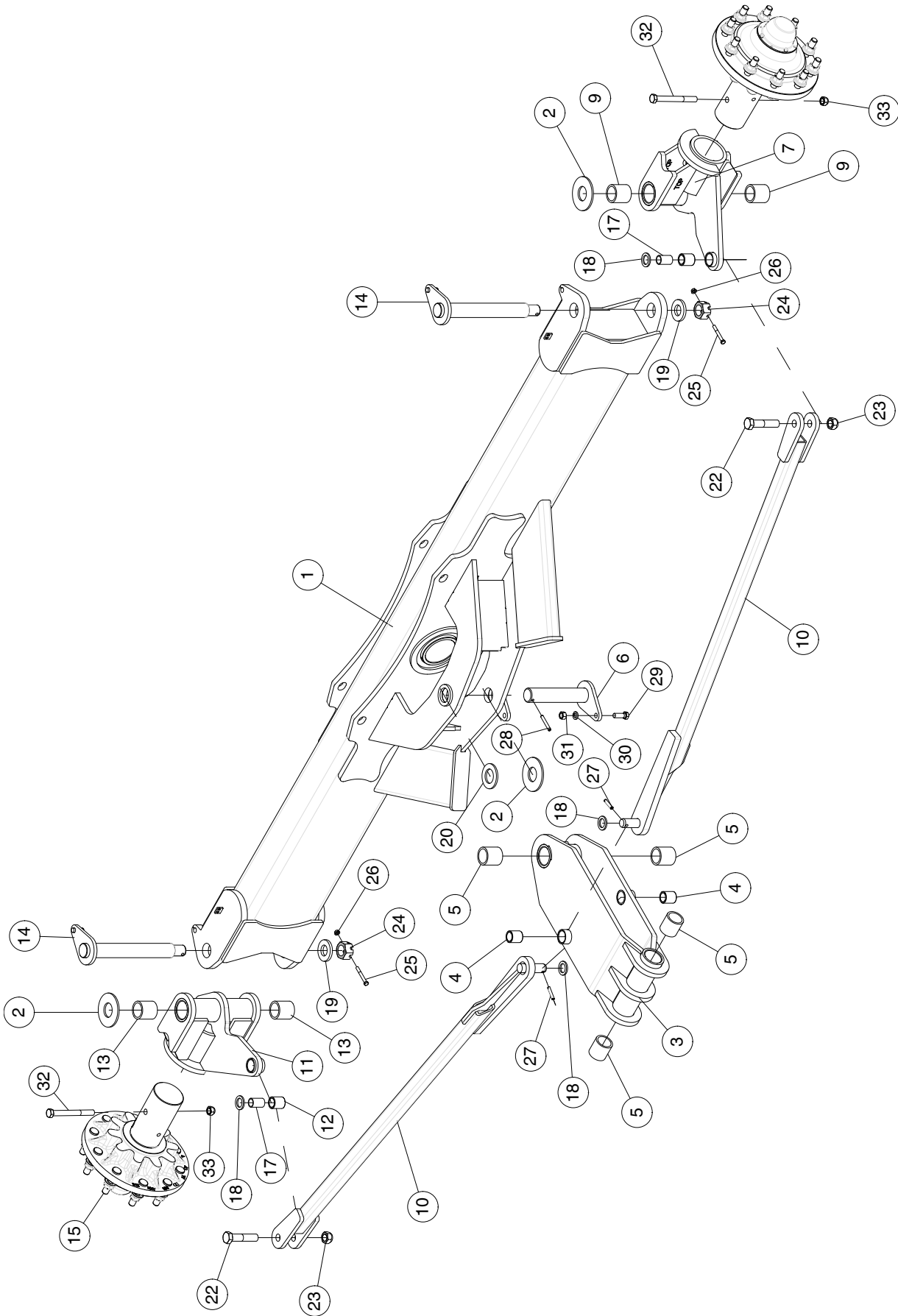


## Frame - Tow Behind - Stage 2

Item	Part No.	Description	Qty
1	N71295	Quad Steer Spacer Block .....	1
2	N51910	Bearing Housing - (Includes Items 3 and 4) .....	2
3	N36225	Bushing - 4.510 ID x 5.094 OD x 4 Lg .....	1
4	N36228	Dust Seal - CR44913 - 4.5 Shaft Dia x 5.256 OD .....	1
5	N70910	Quad Steer Axle Assy - See Next Page for Details .....	1
6	N53132	Thrust Washer - 4 17/32 ID x 9 OD x 1/4 Thick .....	1
7	N44584	Thrust Washer - 4 17/32 ID x 6 1/2 OD x 1/4 Thick .....	1
8	N53100	Main Pivot Shaft .....	1
9	N51945	Hitch .....	1
10	N53105	King Pin - 2 Dia x 14 UL .....	1
11	N65745	Hitch Clevis - 2" Pin (used on QUANTUM) .....	1
12	N53149	Bushing - 1.02 ID x 1 1/2 OD x 6 Lg .....	1
13	N55140	Hitch Draft Link .....	1
14	N71045	Primary Pipe Stand .....	2
15	N53273	Hitch Jack Bracket .....	1
16	N73905	Mount Base .....	1
17	N73904	Mount Holder .....	1
18	N70343	Washer - 1 17/32 x 3 x 3/8 Thick .....	1
19	N47700	Pin - 1 Dia x 2 7/8 UL .....	2
20	N53101	Spacer Bushing - 1 1/32 ID x 1 1/4 OD x 2 1/2 Lg. ....	1
21	N53820	Drop Pin - 1 1/2 Dia x 8 13/16 Lg. ....	1
22	H-4321	U-Bolt - 1/2 x 2 1/16 x 7 1/4 UL .....	10
23	N70850	Hitch Draw Pin - 2 x 8 1/2 UL .....	1
24	S44449	Threaded Rod - 3/4 x 20 1/4 Lg .....	1
25	S53814	Spacer Plate - Safety Chain .....	1
26	N44710	Safety Chain - 80000 Lb .....	1
27	S53816	Safety Chain Plate .....	1
28	N58091	Hitch Jack - Side Wind .....	1
29	G69928	Pbag-10S-Quad-Hitch-Pivot - (Includes Items Below) Whole Goods Only .....	1
30	C-699	Hex Head Bolt - 1 x 6 Lg .....	12
31	C-705	Lockwasher - 1 .....	12
32	W-520	Hex Nut - 1 .....	12
33	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg .....	1
34	D-5273	Locknut - 3/4 Unitorque .....	2
35	G69929	Pbag-10S-Quad-Hitch-Misc - (Includes Items Below) Whole Goods Only .....	1
36	C-231	Hex Bolt - 1 x 5 1/2 Lg .....	1
37	D-5274	Locknut - 1 Unitorque .....	4
38	N21728	Hex Slotted Nut - 1 1/2 - 12 UNF .....	1
39	N49643	Hex Head Bolt - 1 x 9 Lg .....	1
40	K53438	Hex Head Bolt - 1 x 11 Lg .....	2
41	W-3687	Hex Head Bolt - 1/2 x 8 Lg .....	4
42	W-525	Lockwasher - 1/2 .....	24
43	W-516	Hex Nut - 1/2 .....	24
44	S27987	Locknut - 3/8 Flange .....	1
45	W-1854	Hex Bolt - 3/8 x 3 Lg .....	1
46	W-535	Cotter Pin - 1/4 x 1 1/2 Lg .....	2
47	C13447	Quick Pin - 5/16 x 2 1/2 Lg .....	2
48	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg .....	4
49	D14565	Locknut - 1/2 Serrated .....	4
50	N53215	Carriage Bolt - 1/4 x 1/2 Lg .....	8
51	D-5277	Locknut - 1/4 Serrated .....	8
52	N42213	Latch .....	4
	G69940	Tow Behind Frame and Hitch Assembly - Stage 2 - (Whole Goods Only)	
	N73910	Quick Coupler Mount - (Includes Items 16, 17, 52 and 4 of 22) - (Whole Goods Only)	



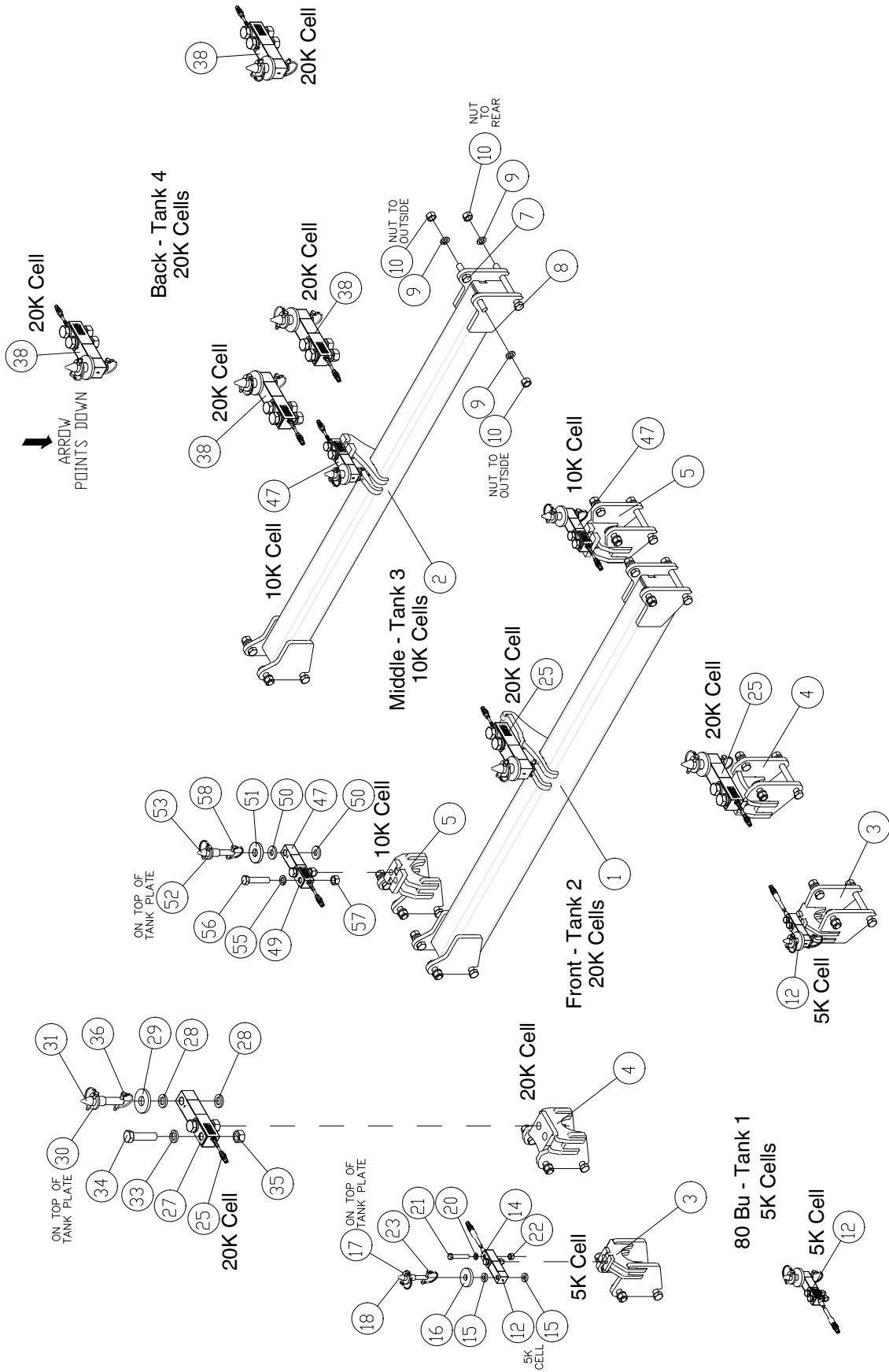
# Tow Behind Quad Steer Axle Sub Assembly



## Tow Behind - Quad Steer Axle Sub Assembly

Item	Part No.	Description	Qty
1	N51905	Front Axle.....	1
2	N55610	Wear Washer - 2 1/32 ID x 4 3/4 OD x 1/4 Thick .....	3
3	N51920	Steering Link - (Includes Items 4 and 5).....	1
4	S39569	Polygon Bushing - 1.25 ID x 1.6305 OD x 1.75 Lg.....	2
5	N53108	Kingpin Bushing - 2 ID x 2 1/4 OD x 2 1/2 Lg.....	4
6	N53110	Steering Link Pin - 2 Dia x 9 1/16 Lg. ....	1
7	N53125	Spindle Trunion - Left - 20,000Lbs - (Includes Items 8 and 9).....	1
8	S39569	Polygon Bushing - 1.25 ID x 1.6305 OD x 1.75 Lg.....	1
9	N53108	Kingpin Bushing - 2 ID x 2 1/4 OD x 2 1/2 Lg.....	2
10	N71245	Quad Steer Link - Square.....	2
11	N53130	Spindle Trunion -Right - 20,000Lbs - (Includes Items 12 and 13) .....	1
12	S39569	Polygon Bushing - 1.25 ID x 1.6305 OD x 1.75 Lg.....	1
13	N53108	Kingpin Bushing - 2 ID x 2 1/4 OD x 2 1/2 Lg.....	2
14	N53105	King Pin - 2 Dia x 14 UL .....	2
15	N70874	Hub + Spindle Assy - 20K - 22mm Studs .....	2
16	G69943	Pbag-10S-Quad-Ax-Pltd-Wash-Bush - (Includes Items Below) Whole Goods Only.....	1
17	N51933	Spacer Bushing - 1 1/32 ID x 1 1/4 OD x 1 15/16 Lg.....	2
18	H-4693	Washer - 1 15/16 OD x 1 9/32 ID x 3/16 Thick.....	4
19	N70343	Washer - 1 17/32 x 3 x 3/8.....	2
20	S40579	Washer - 2 1/32 ID x 3 1/2 OD x 1/4 Thick .....	1
21	G69941	Pbag-10S-Quad-Ax-Hdware - (Includes Items Below) Whole Goods Only .....	1
22	C12609	Hex Head Bolt - 1 x 4 1/2 Lg.....	2
23	D-5274	Locknut - 1 Unitorque .....	2
24	N21728	Hex Slotted Nut - 1 1/2 - 12 UNF .....	2
25	W-1854	Hex Bolt - 3/8 x 3 Lg .....	2
26	S27987	Locknut - 3/8 Flange.....	2
27	P106023	Spiral Pin - 3/8 x 2 Lg .....	2
28	C-728	Spiral Pin - 3/8 Dia x 2 3/4 Lg.....	1
29	W-498	Hex Bolt - 5/8 x 1 3/4 Lg .....	1
30	W-526	Lockwasher - 5/8 .....	1
31	W-517	Hex Nut - 5/8.....	1
32	S32590	Hex Bolt - 3/4 x 7 Lg GR 8.....	2
33	D-5273	Locknut - 3/4 Unitorque .....	2
	N70910	Front Axle Assembly - (Whole Goods Only)	

**Tow Behind 820 & 1050 - G69940**  
**Stage 3**  
**Stage 4 - See Single Fan Assy Section 7**

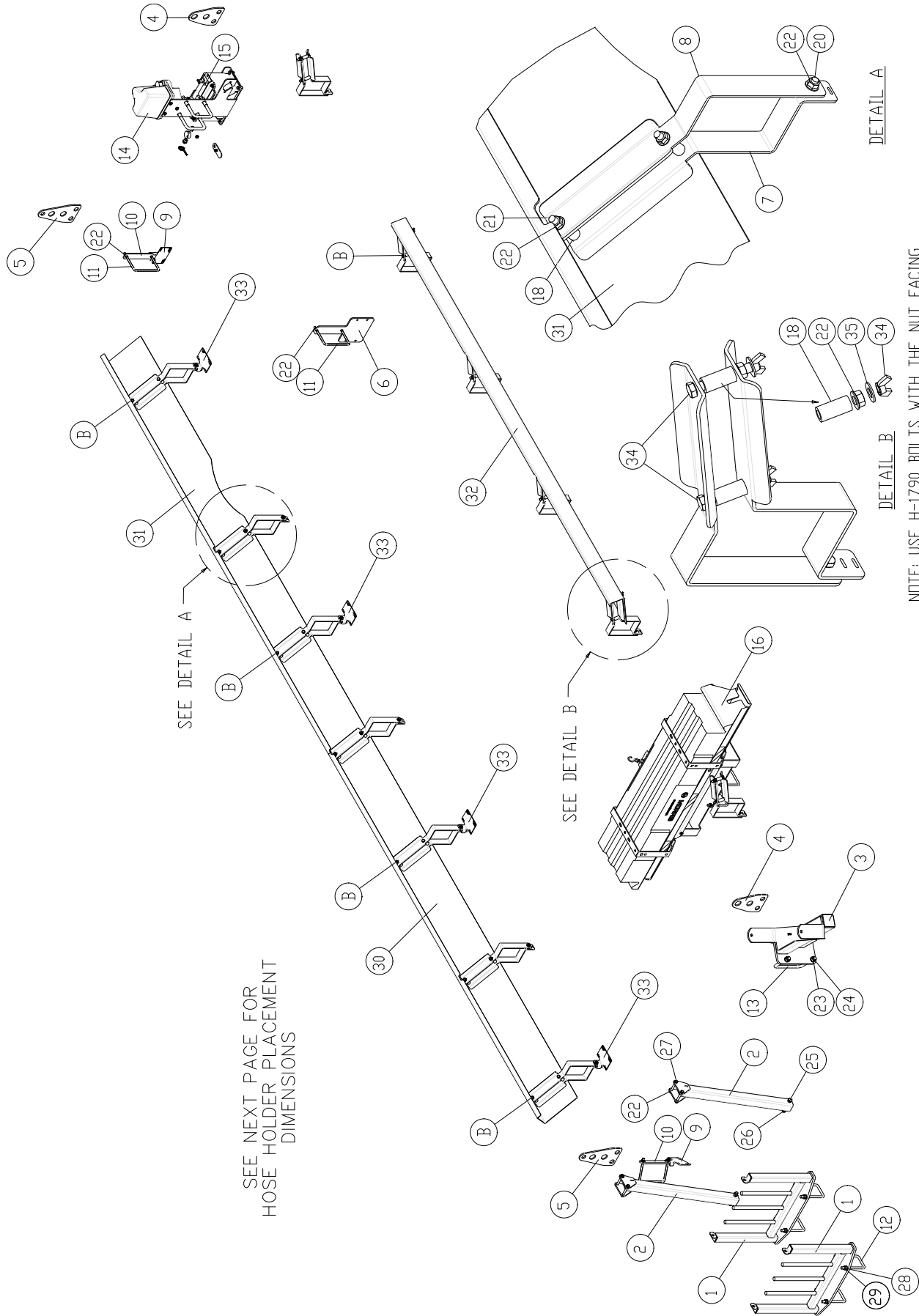




**Frame - Tow Behind - Stage 3**

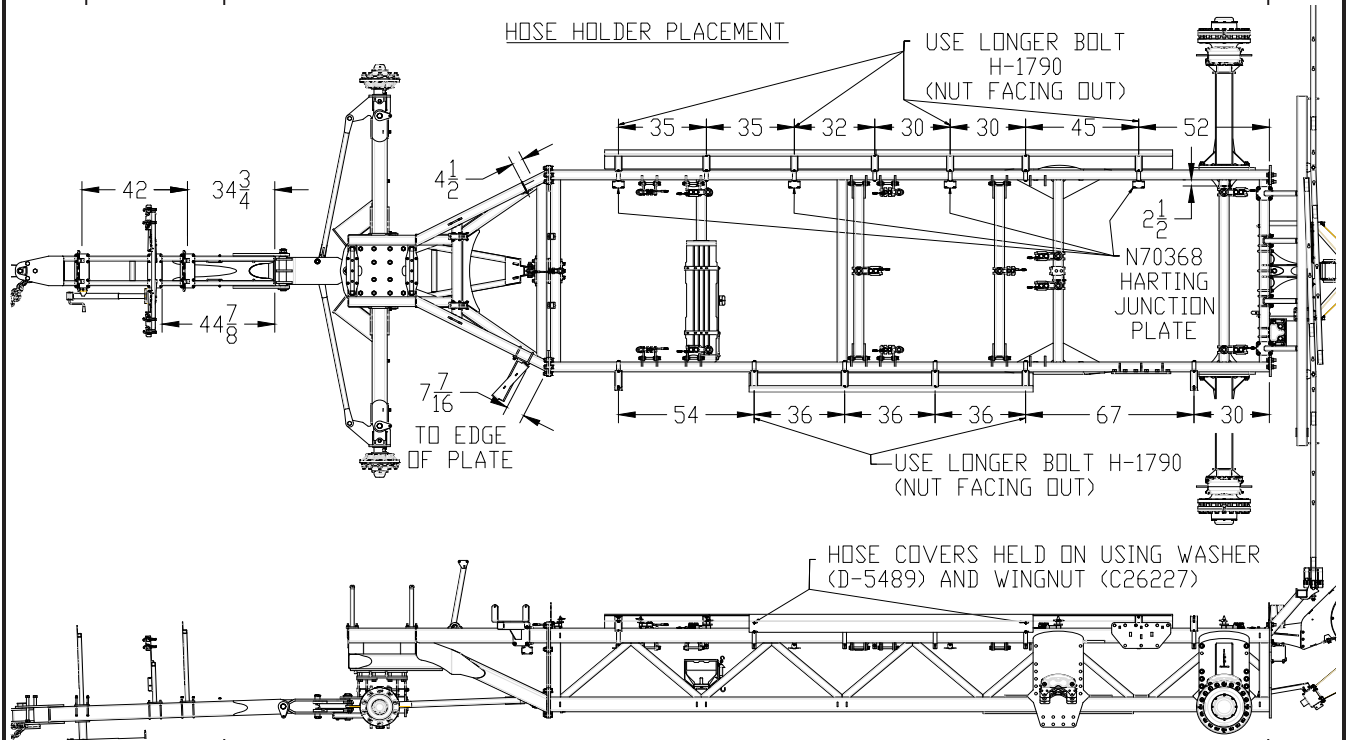
Item	Part No.	Description	Qty
1	N71322	Load Cell Tube - Single 20K.....	1
2	N71316	Load Cell Tube - Single 10K.....	1
3	N74317	Load Cell Brkt - 5K .....	2
4	N74450	Load Cell Brkt - 20K .....	2
5	N74480	Load Cell Brkt - 10K.....	2
6	G69997	Pbag-10S - Load Cell Supports - (Includes Items Below) Whole Goods Only.....	1
7	W-1553	Hex Head Bolt - 3/4 x 2 1/4 Lg.....	20
8	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg.....	10
9	W-527	Lockwasher - 3/4 .....	30
10	W-518	Hex Nut - 3/4.....	30
11	G69980	Carton-10S - Loadcell Set - 5K - (Includes Items Below) Whole Goods Only.....	1
12	N71305	Load Cell Assy - 5K .....	3
13	G69982	Pbag-10S - Loadcells - 5K - Washers - (Includes Items Below) Whole Goods Only.....	1
14	N71338	Shim Plate - 5K Cell.....	3
15	N71183	Washer - 17/32 x 1 1/8 x 1/4 Thick.....	6
16	N71192	Pad Washer - 5K Cell.....	3
17	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick .....	3
18	N71308	Tapered Pin - 5K Cell .....	3
19	G69981	Pbag-10S - Loadcells - 5K - Hdware - (Includes Items Below) Whole Goods Only .....	1
20	W-525	Lockwasher - 1/2 .....	6
21	W-491	Hex Bolt - 1/2 x 2 3/4 Lg .....	6
22	W-516	Hex Nut - 1/2.....	6
23	N73806	Wire Lock Pin - 1/4 x 1 3/4 UL.....	6
24	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only.....	1
25	N71320	Load Cell Assy - 20K .....	3
26	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only.....	1
27	N71352	Shim Plate - 20K Cell.....	3
28	N70347	Washer - 1-1/32 x 1-3/4 x 1/4 Thick.....	6
29	N71197	Pad Washer - 20K Cell.....	3
30	N70348	Washer - 1 9/32 x 2 1/4 x 1/4 Thick .....	3
31	N71312	Tapered Pin - 20K Cell .....	3
32	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only .....	1
33	C-705	Lockwasher - 1 .....	6
34	C-4072	Hex Head Bolt - 1 x 4 Lg.....	6
35	W-520	Hex Nut - 1.....	6
36	N73810	Wire Lock Pin - 3/8 x 2 3/16 UL .....	6
37	G73575	Carton 10S - Loadcell Set 4x20K - (Includes Items Below) Whole Goods Only .....	1
38	N71320	Load Cell Assy - 20K .....	4
39	G73704	Pbag-10S-Load-20K-Hdware-Rr-Tnk - (Includes Items Below) Whole Goods Only .....	1
40	C-705	Lockwasher - 1 .....	8
41	C-4072	Hex Head Bolt - 1 x 4 Lg.....	8
42	W-520	Hex Nut - 1.....	8
43	G74455	Pbag-10S-Lcell4-20K-Washers - (Includes Items Below) Whole Goods Only .....	1
	N71352	Shim Plate - 20K Cell.....	4
	N70347	Washer - 1-1/32 x 1-3/4 x 1/4 Thick.....	8
	N71197	Pad Washer - 20K Cell.....	4
	N70348	Washer - 1 9/32 x 2 1/4 x 1/4 Thick .....	4
44	N71312	Tapered Pin - 20K Cell .....	4
45	N73810	Wire Lock Pin - 3/8 x 2-3/16 UL .....	8
46	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only.....	1
47	N71310	Load Cell Assy - 10K.....	3
48	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only .....	1
49	N71348	Shim Plate - 10K Cell.....	3
50	N70346	Washer - 25/32 x 1-3/4 x 1/4 Thick.....	6
51	N71195	Pad Washer - 10K Cell .....	3
52	N70347	Washer - 1-1/32 x 1-3/4 x 1/4 Thick.....	3
53	N71314	Tapered Pin - 10K Cell .....	3
54	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only .....	1
55	W-527	Lockwasher - 3/4 .....	6
56	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg.....	6
57	W-518	Hex Nut - 3/4.....	6
58	N73808	Wire Lock Pin - 5/16 x 1-3/4 UL .....	6
	G69940	Tow Behind Frame and Hitch Assembly - Stage 3 - (Whole Goods Only)	

# Tow Behind 820 & 1050 - G69940 Stage 5

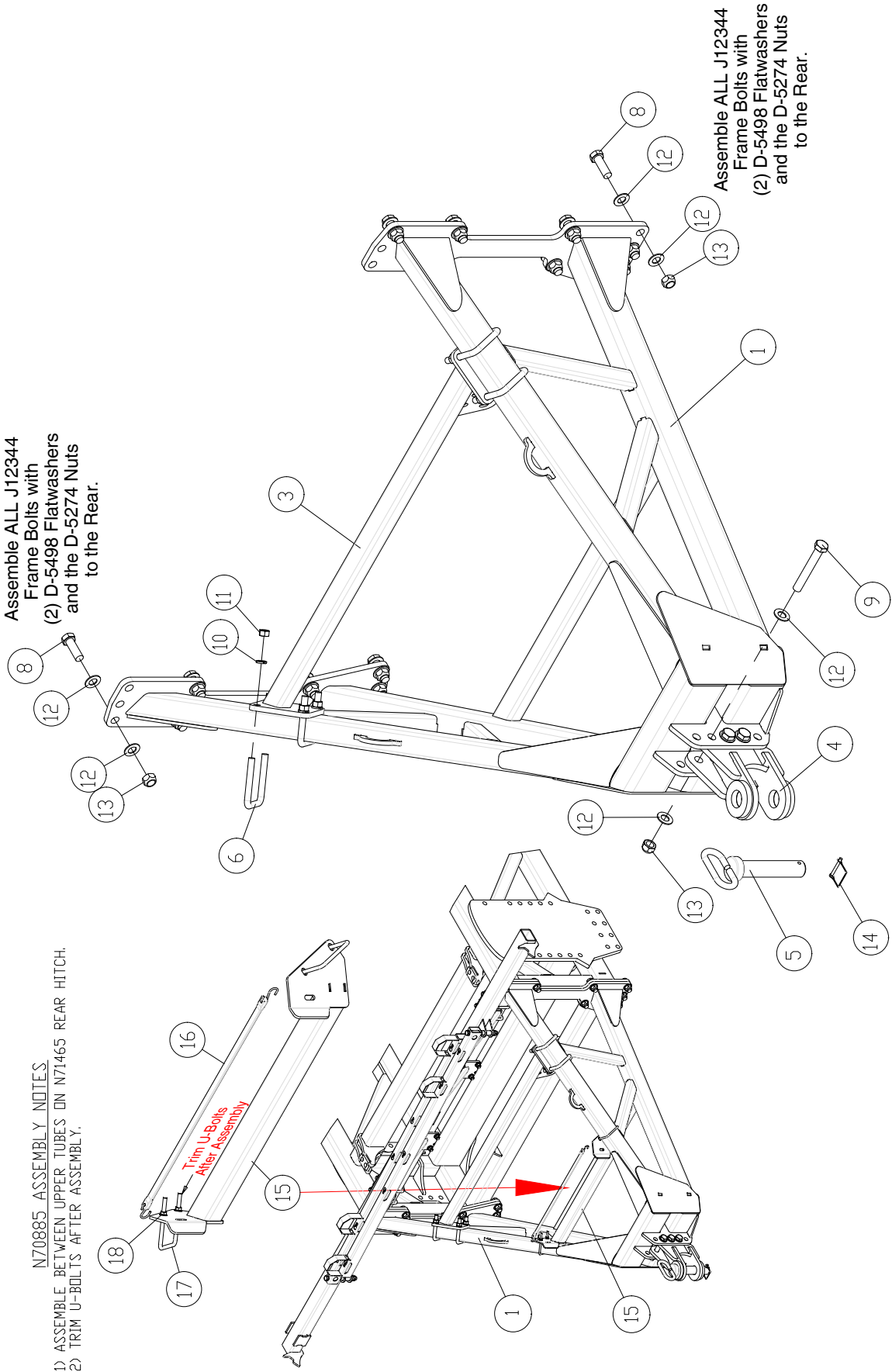


## Frame - Tow Behind - Stage 5

Item	Part No.	Description	Qty
1	N71090	Primary Tower - Wide .....	2
2	N70608	Platform Support - Short.....	2
3	N70603	Staircase Support - Upper - Bhnd.....	1
4	N69742	Bulkhead Plate - Left .....	2
5	N69741	Bulkhead Plate .....	2
6	N70374	Scale Link Mount.....	1
7	N69739	Hose Holder - Lower.....	13
8	N69738	Hose Holder.....	13
9	N70368	Harting Junction.....	2
10	N73567	Harting Junction Strap .....	2
11	H10592	U-Bolt - 3/8 x 6 x 5 Lg.....	3
12	K51086	U-Bolt - 1/2 x 3 x 5 3/4 UL .....	4
13	F-4642	U-Bolt - 5/8 x 6 x 5 1/2 UL .....	2
14	N70407	Brakerite Control Assy - Lrg Frame (See Brake Section 11).....	1
15	N53577	Battery - 250 CCA.....	1
16	N70435	Calibration Tray Assy - (See Meter Section 4) .....	1
17	G69936	Pbag-10S-Hyd-Holder-Bush-Bhnd - (Includes Items Below) Whole Goods Only .....	1
18	N69879	Bushing - 0.385 ID x 5/8 OD x 1 5/16 Lg .....	26
19	G69934	Pbag-10S-Hose-Holder-Misc-Bhnd - (Includes Items Below) Whole Goods Only .....	1
20	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	13
21	W-480	Hex Head Bolt - 3/8 x 2 1/2 Lg.....	14
22	S27987	Locknut - 3/8 Flange.....	49
23	W-526	Lockwasher - 5/8 .....	4
24	W-517	Hex Nut - 5/8.....	4
25	D-5519	Hex Bolt - 1/2 x 3 1/4 Lg .....	2
26	F-3405	Locknut - 1/2 Unitorque .....	2
27	W-1854	Hex Bolt - 3/8 x 3 Lg .....	4
28	W-525	Lockwasher - 1/2 .....	8
29	W-516	Hex Nut - 1/2.....	8
34	H-1790	Hex Bolt - 3/8 x 2 3/4 Lg .....	12
35	D-5489	Flat Washer - 13/32 ID x 13/16 OD x 16 Ga.....	12
36	C26227	Wing Nut - 3/8.....	12
30	N73885	Hydraulic Hose Cover - 108 Lg .....	1
31	N73886	Hydraulic Hose Cover - 118 Lg .....	1
32	N73887	Hydraulic Hose Cover - 113 Lg .....	1
33	N73883	Harting Junction - 90 Degree Mount.....	4
	G69940	Tow Behind Frame and Hitch Assembly - Stage 5 - (Whole Goods Only)	



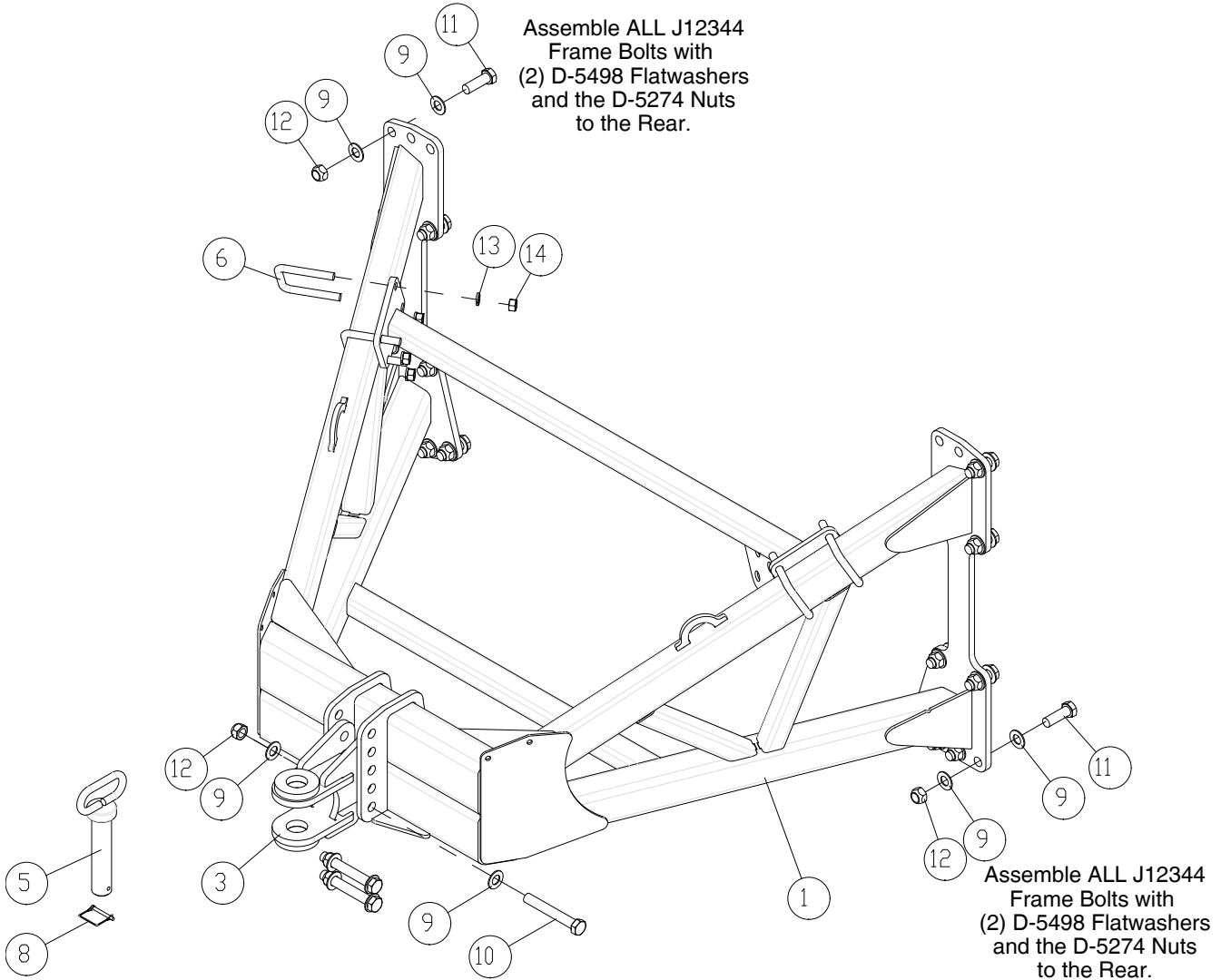
# Frame Rear Tow Hitch - Prior to 2025



**Frame - Rear Tow Hitch - Prior to 2025**

Item	Part No.	Description	Qty
1	N71465	Rear Hitch.....	1
2	G69965	Crate-10S - Rear Tow Hitch - (Includes Items Below) Whole Goods Only .....	1
3	N70882	Rear Hitch Brace Beam .....	1
4	N68790	Hitch Clevis - Rear Tow .....	1
5	N70850	Hitch Draw Pin - 2 x 8 1/2 UL .....	1
6	C-5561	U-Bolt - 3/4 x 4 x 5-9/16.....	4
7	G69989	Pbag-10S-Rear Tow Hitch - (Includes Items Below) Whole Goods Only.....	1
8	J12344	Hex Head Bolt - 1 x 3 Lg.....	18
9	D12903	Hex Head Bolt - 1 x 7 Lg.....	3
10	W-527	Lockwasher - 3/4 .....	8
11	W-518	Hex Nut - 3/4.....	8
12	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	42
13	D-5274	Locknut - 1 Unitorque .....	21
14	C13447	Quick Pin - 5/16 x 2 3/8 UL.....	1
15	N70890	Primary Hose Support - Tow Between .....	1
16	N64399	Tarp Strap - 31".....	1
17	N15098	U-Bolt - 3/8 x 4 x 5 UL .....	2
18	S27987	Locknut - 3/8 Flange.....	4

## Frame Rear Tow Hitch - 2025 To Present



Item	Part No.	Description	Qty
1	N74280	Rear Hitch.....	1
2	G69965	Crate-10S - Rear Tow Hitch - (Includes Items Below) Whole Goods Only .....	1
3	N68790	Hitch Clevis - Rear Tow .....	1
4	N74293	Rear Hitch Brace Beam .....	1
5	N70850	Hitch Draw Pin - 2 x 8 1/2 UL .....	1
6	C-5561	U-Bolt - 3/4 x 4 x 5-9/16.....	4
7	G69989	Pbag-10S-Rear Tow Hitch - (Includes Items Below) Whole Goods Only.....	1
8	C13447	Quick Pin - 5/16 x 2 3/8 UL.....	1
9	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	42
10	D12903	Hex Head Bolt - 1 x 7 Lg.....	3
11	J12344	Hex Head Bolt - 1 x 3 Lg.....	18
12	D-5274	Locknut - 1 Unitorque .....	21
13	W-527	Lockwasher - 3/4 .....	8
14	W-518	Hex Nut - 3/4.....	8
	N70345	Rear Tow Hitch Assembly - ( Includes Items 1 to 14) - (Whole Goods Only)	

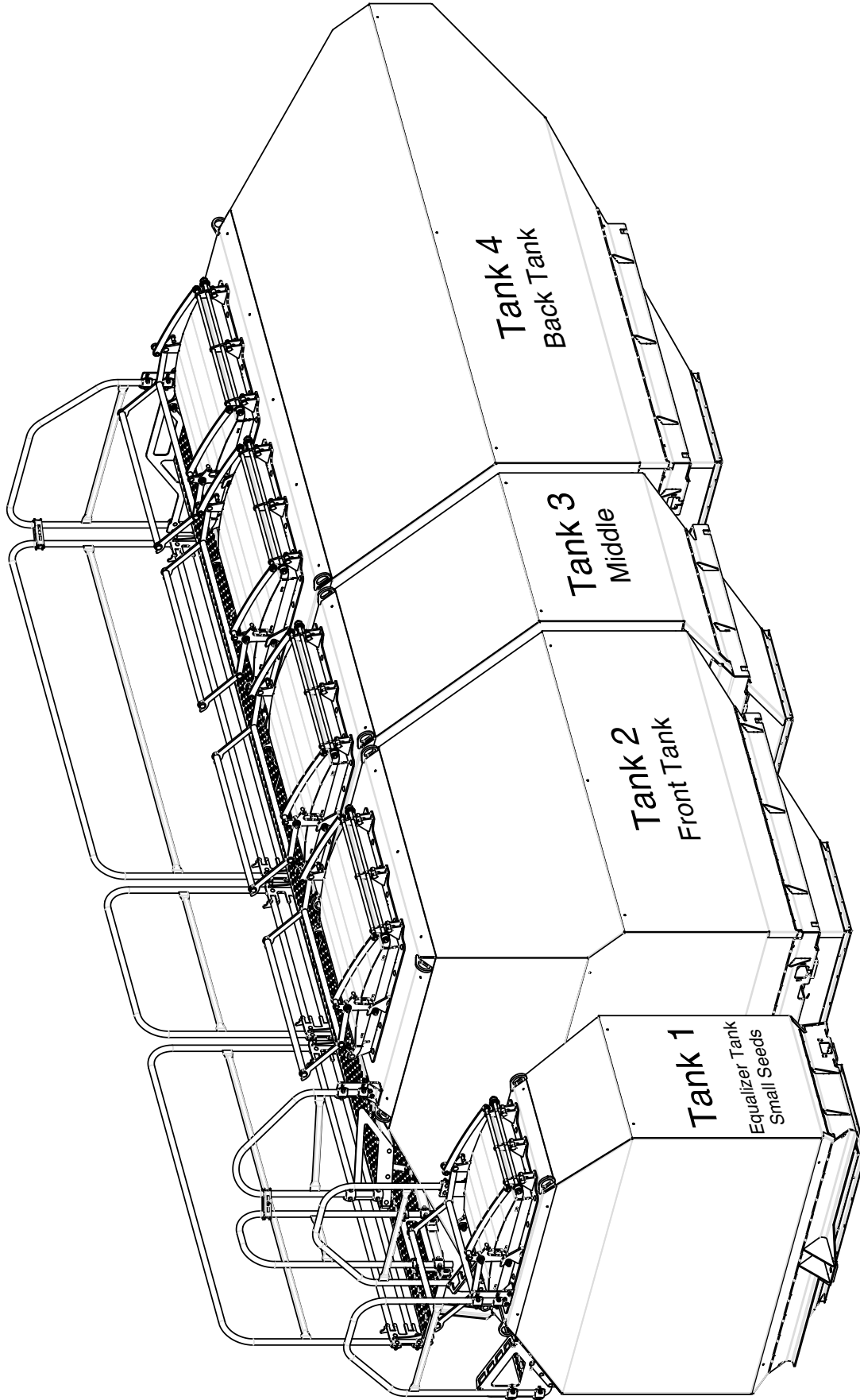
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# Tanks Tank Combinations





## Tanks Tank Combinations

### 10 Series Tank Combinations

#### Tank # 660

- 1 N73465 - 60 Bu
- 2 N73455 - 200 Bu
- 3 N73435 - 100 Bu
- 4 N73445 - 300 Bu

#### Tank # 820

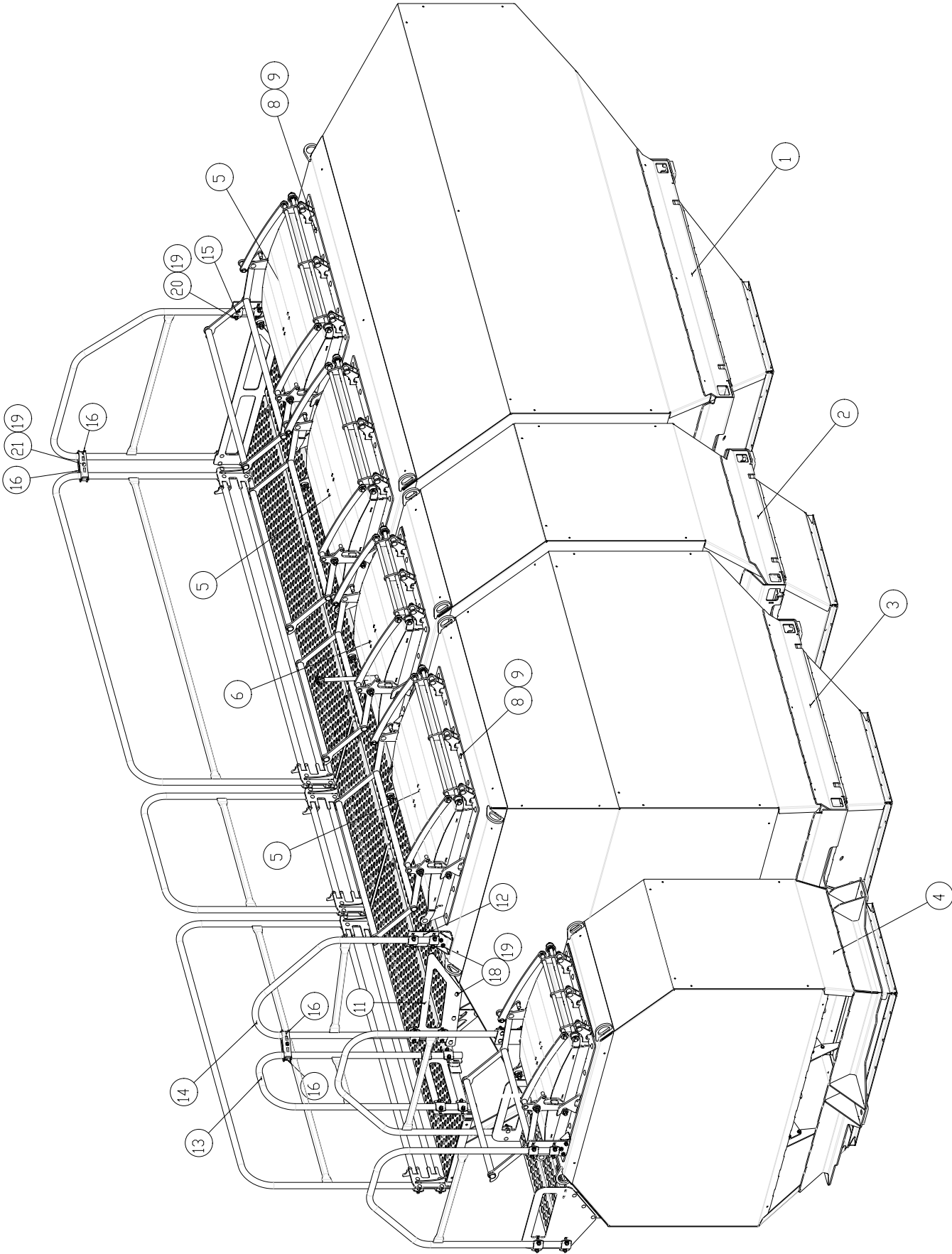
- 1 N70925 - 80 Bu
- 2 N70832 - 250 Bu
- 3 N70825 - 135 Bu
- 4 N70820 - 355 Bu

#### Tank # 1050

- 1 N70925 - 80 Bu
- 2 N70932 - 330 Bu
- 3 N70935 - 175 Bu
- 4 N70940 - 465 Bu

**Note:** Any reference to “Small Frame” or “Short Frame” refers to the 660 Cart.

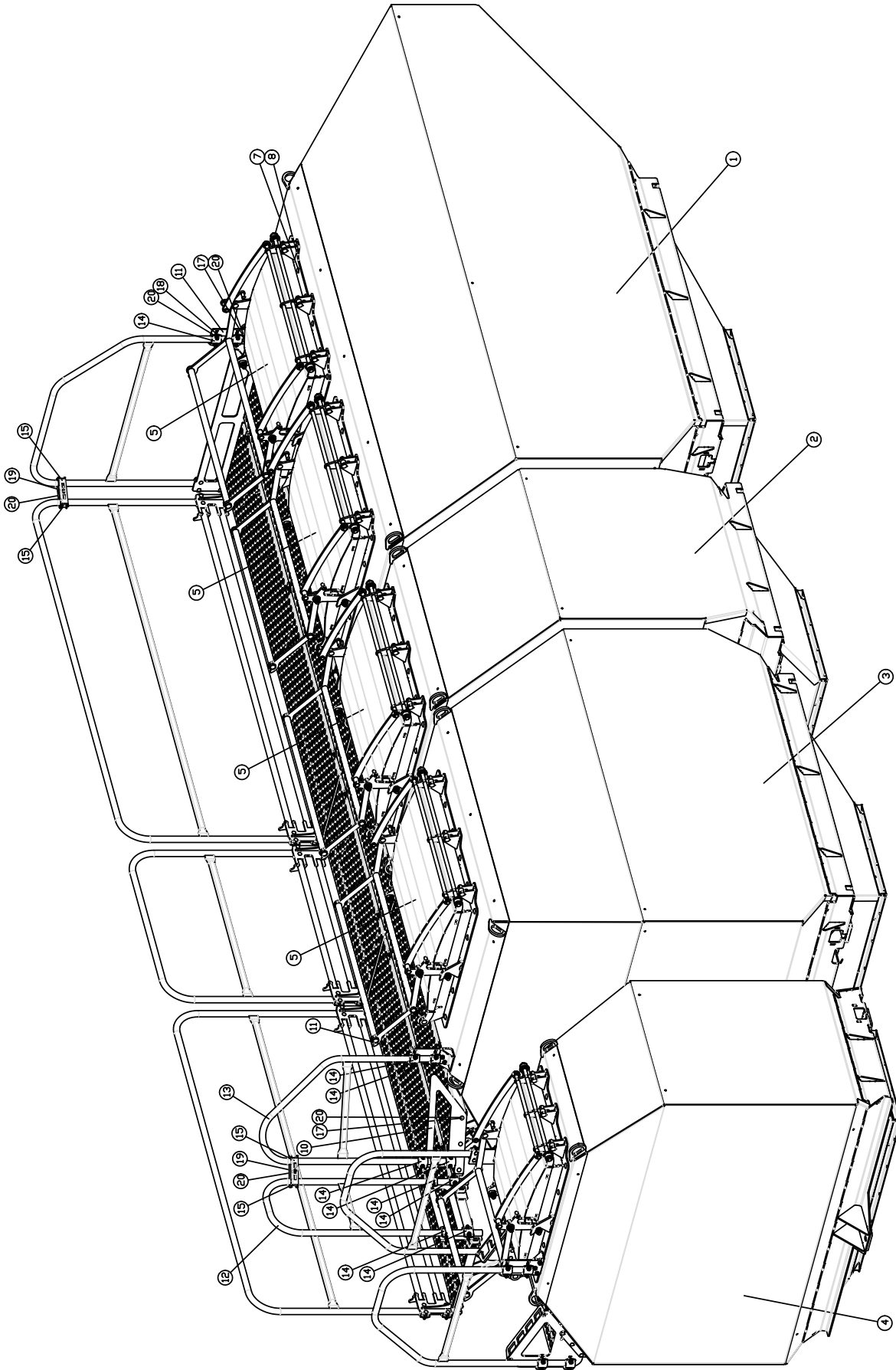
# Tanks 660 Cart



**Tanks - 660 Cart**

Item	Part No.	Description	Qty
1	N73445	Tank Base - Rear 660 (Whole Goods Only) .....	1
2	N73435	Tank Base - Middle 660 (Whole Goods Only) .....	1
3	N73455	Tank Base - Front 660-590 (Whole Goods Only).....	1
4	N73465	Tank Assy - 60Bu Small Seed (Whole Goods Only).....	1
5	N69180	Lid Assy - Wide (Whole Goods Only) .....	3
6	N71000	Lid Assy - Narrow (Whole Goods Only).....	1
7	G73570	Pbag-10S-Tank-Lids-660 - (Includes Items Below) Whole Goods Only .....	1
8	T-5266	Carriage Bolt - 1/2 x 1 1/4 Lg .....	70
9	D14565	Locknut - 1/2 Flange .....	70
10	G69921	Carton-10S-Tanks-Rails-820 - (Includes Items Below) Whole Goods Only .....	1
11	N71371	Walkway End Plate.....	1
12	N70582	Handrail Mounting Plate.....	2
13	N71365	Handrail - Front Side .....	1
14	N70928	Handrail - Front End - 820.....	1
15	N37622	Handrail U-Clamp.....	10
16	N71351	Handrail Clamp - Narrow.....	4
17	G69937	Pbag-10S -Tanks-Rails - (Includes Items Below) Whole Goods Only .....	1
18	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	9
19	S27987	Locknut - 3/8 Flange .....	31
20	D12821	Carriage Bolt - 3/8 x 2 Lg .....	20
21	S28159	Carriage Bolt - 3/8 x 2 1/2 Lg .....	2
	G69927	660 Tank Group - (Whole Goods Only)	

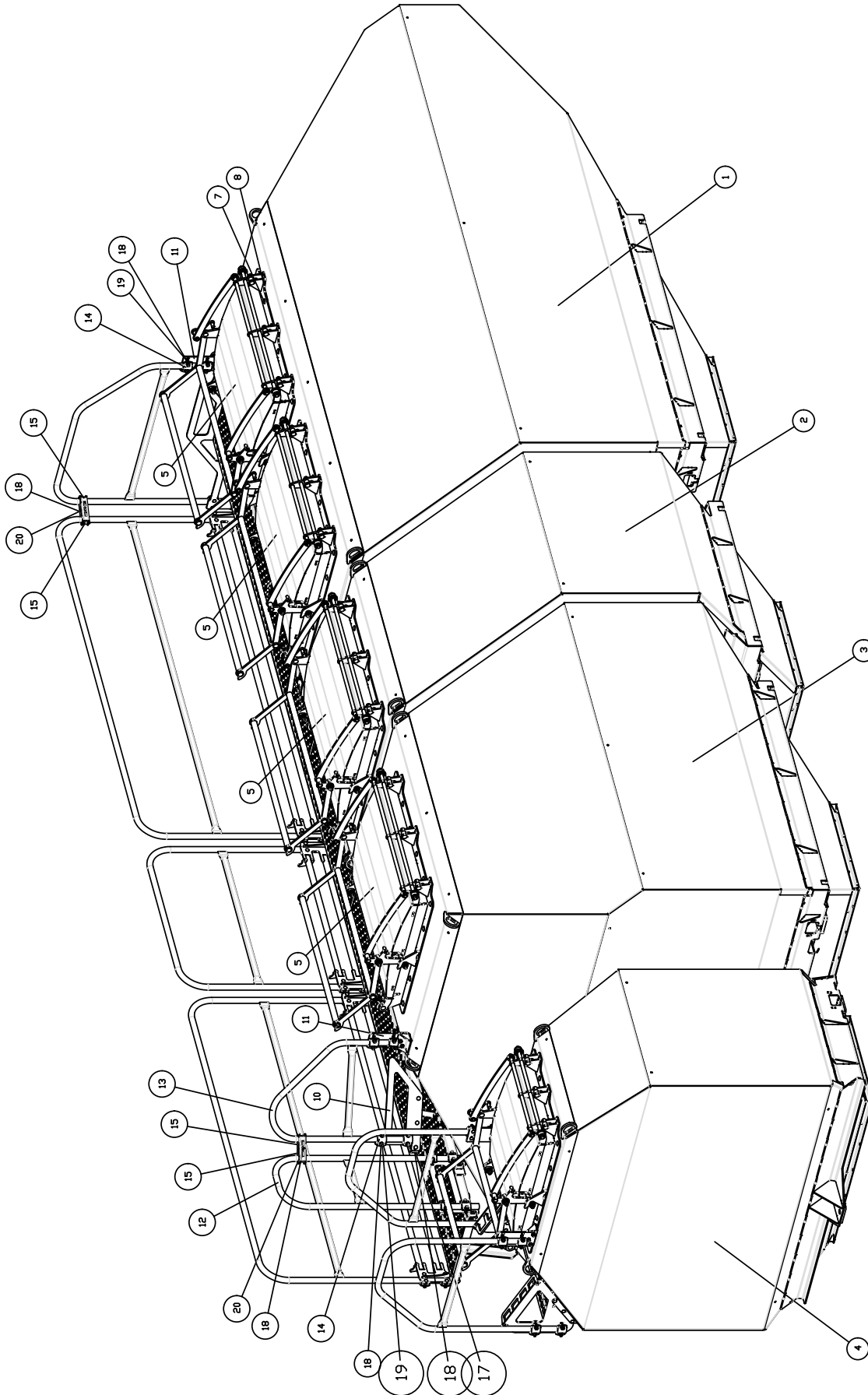
# Tanks 820 Cart



## Tanks - 820 Cart

Item	Part No.	Description	Qty
1	N70820	Tank-Base - Assembly - Back - 355 Bu (Whole Goods Only) .....	1
2	N70825	Tank-Base - Assembly - Middle - 135 Bu (Whole Goods Only) .....	1
3	N70832	Tank-Base - Assembly - Front - 250 Bu (Whole Goods Only) .....	1
4	N70925	Tank - Assembly - 80 Bu (Whole Goods Only) .....	1
5	N69180	Lid Assembly - Wide (Whole Goods Only) .....	4
6	G69967	Pbag-10S-Tanks-4-Lid-Reg - (Includes Items Below) Whole Goods Only.....	1
7	T-5266	Carriage Bolt - 1/2 x 1 1/4 Lg .....	72
8	D14565	Locknut - 1/2 Flange .....	72
9	G69921	Carton-10S-Tanks-Rails-820 - (Includes Items Below) Whole Goods Only .....	1
10	N71371	Walkway End Plate.....	1
11	N70582	Handrail Mounting Plate.....	2
12	N71365	Handrail - Front Side .....	1
13	N70928	Handrail - Front End - 820.....	1
14	N37622	Handrail U-Clamp.....	10
15	N71351	Handrail Clamp - Narrow.....	4
16	G69937	Pbag-10S -Tanks-Rails - (Includes Items Below) Whole Goods Only .....	1
17	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	9
18	D12821	Carriage Bolt - 3/8 x 2 Lg .....	20
19	S28159	Carriage Bolt - 3/8 x 2 1/2 Lg .....	2
20	S27987	Locknut - 3/8 Flange .....	31
	G69935	820 Tank Group - (Whole Goods Only)	

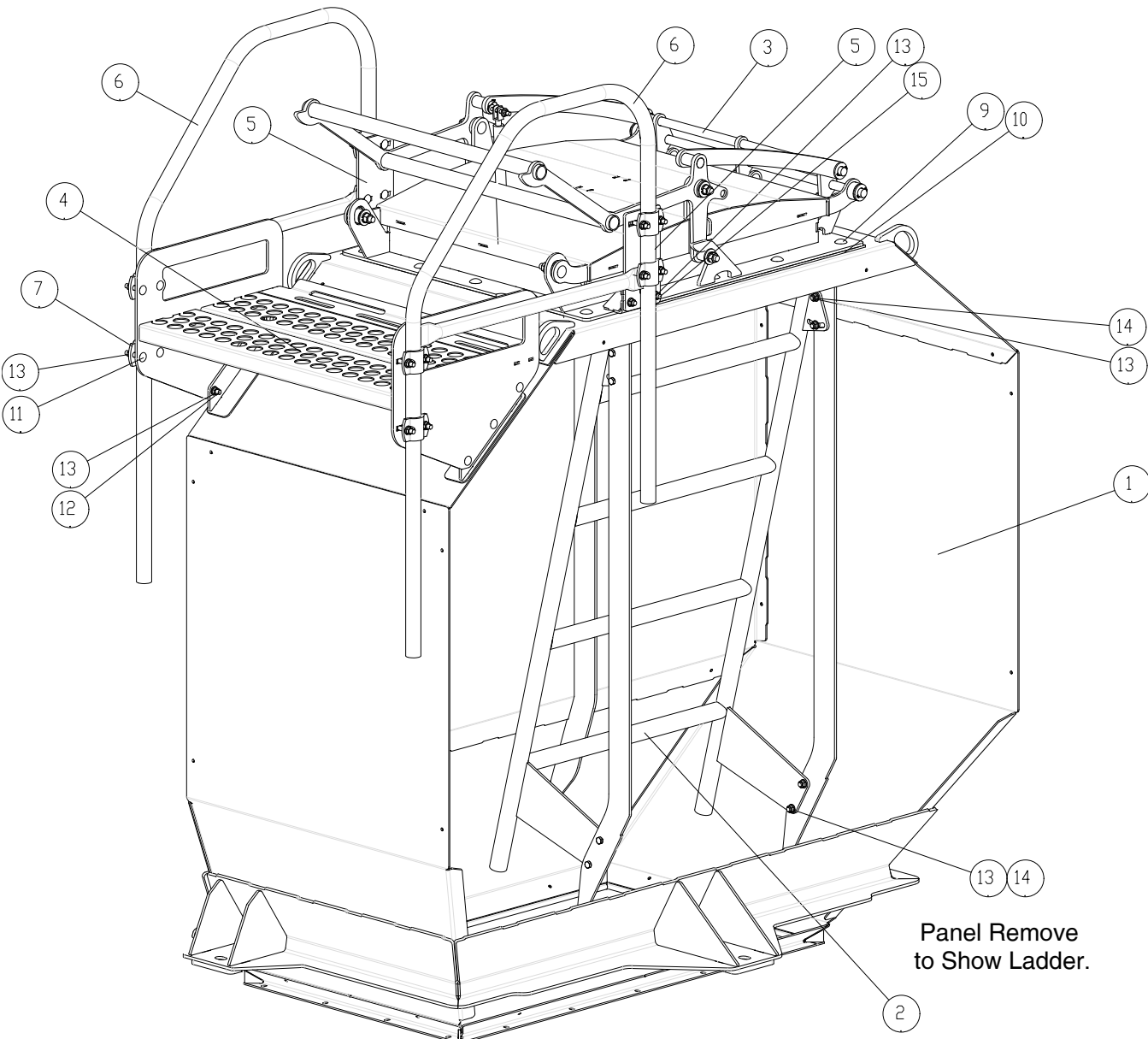
# Tanks 1050 Cart



## Tanks - 1050 Cart

Item	Part No.	Description	Qty
1	N70940	Tank-Base - Assembly - Back - 465 Bu (Whole Goods Only) .....	1
2	N70935	Tank-Base - Assembly - Middle - 175 Bu (Whole Goods Only) .....	1
3	N70932	Tank-Base - Assembly - Front - 330 Bu (Whole Goods Only) .....	1
4	N70925	Tank Assembly - 80 Bu (Whole Goods Only) .....	1
5	N69180	Lid Assembly - Large (Whole Goods Only) .....	4
6	G69967	Pbag-10S-Tanks-4-Lid-Reg - (Includes Items Below) Whole Goods Only.....	1
7	T-5266	Carriage Bolt - 1/2 x 1 1/4 Lg .....	72
8	D14565	Locknut - 1/2 Flange .....	72
9	G69938	Crate-10S-Tanks-Rails-1050 - (Includes Items Below) Whole Goods Only .....	1
10	N71371	Walkway End Plate.....	1
11	N70582	Handrail Mounting Plate.....	2
12	N71365	Handrail - Front Side .....	1
13	N71360	Handrail - Front End .....	1
14	N37622	Handrail U-Clamp.....	10
15	N71351	Handrail Clamp - Narrow.....	4
16	G69937	Pbag-10S -Tanks-Rails - (Includes Items Below) Whole Goods Only .....	1
17	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	9
18	S27987	Locknut - 3/8 Flange .....	31
19	D12821	Carriage Bolt - 3/8 x 2 Lg .....	20
20	S28159	Carriage Bolt - 3/8 x 2 1/2 Lg .....	2
	G69945	1050 Tanks Group - (Whole Goods Only)	

# Tanks 60 Bushels - N73465

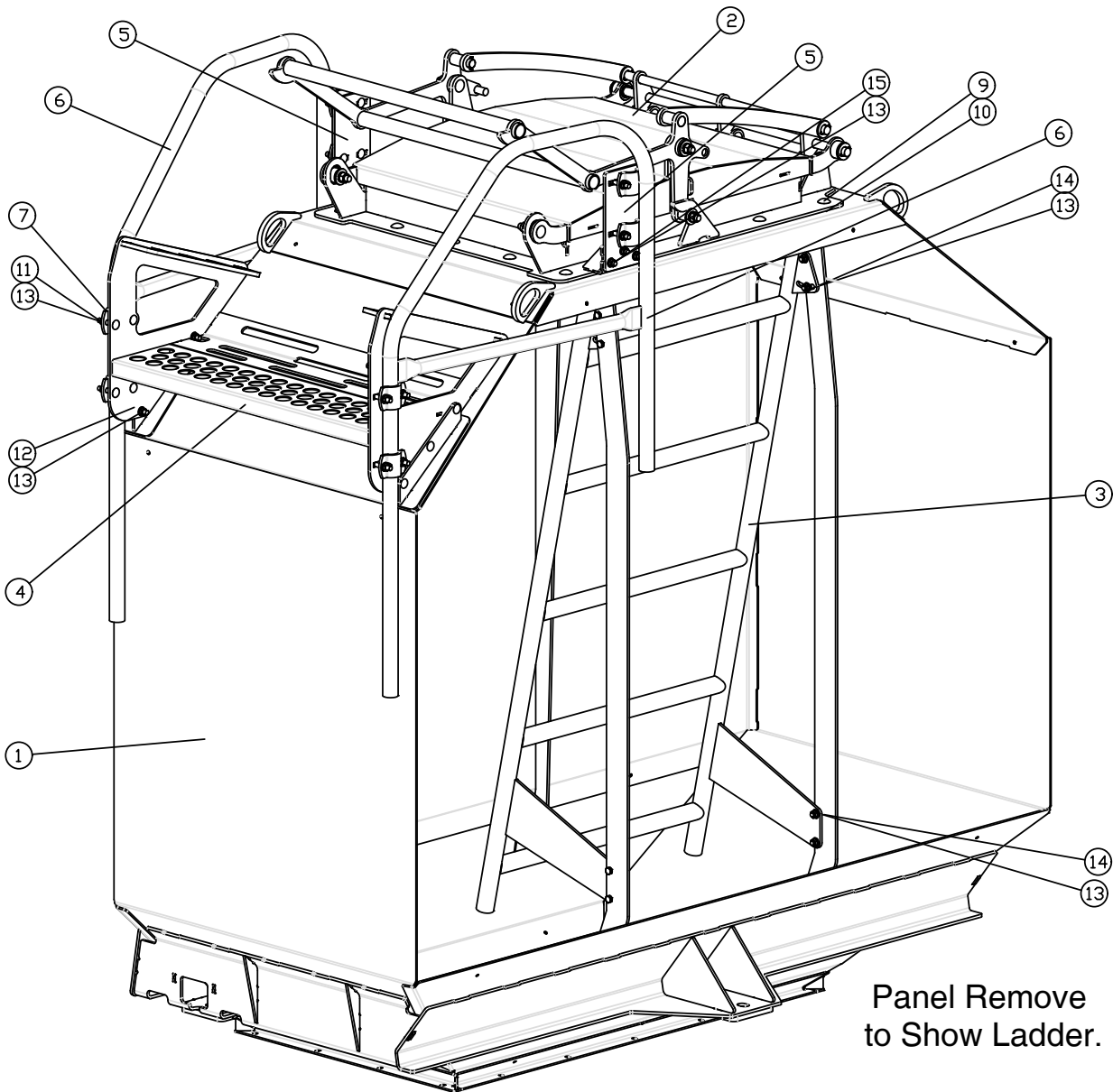




**Tanks - 60 Bushels - N73465**

Item	Part No.	Description	Qty
1	N73460	Small Seed Tank - 60Bu .....	1
2	N73474	Ladder - Small Seed .....	1
3	N71000	Lid Assembly - Narrow .....	1
4	N73560	Step - Small Seed Tank - 60 Bu.....	1
5	N70582	Handrail Mounting Plate.....	2
6	N73565	Handrail - Small Seed - 60 Bu.....	2
7	N37622	Handrail U-Clamp.....	8
8	G69969	Pbag-Tank-Assy-80Bu-Hardware - (Includes Items Below) Whole Goods Only .....	1
9	T-5266	Carriage Bolt - 1/2 x 1 1/4 Lg .....	16
10	D14565	Locknut - 1/2 Flange .....	16
11	D12821	Carriage Bolt - 3/8 x 2 Lg .....	16
12	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg .....	6
13	S27987	Locknut - 3/8 Flange .....	36
14	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	8
15	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	6
	N73465	60 Bushel Tank Assembly - (Whole Goods Only)	

# Tanks 80 Bushels - N70925

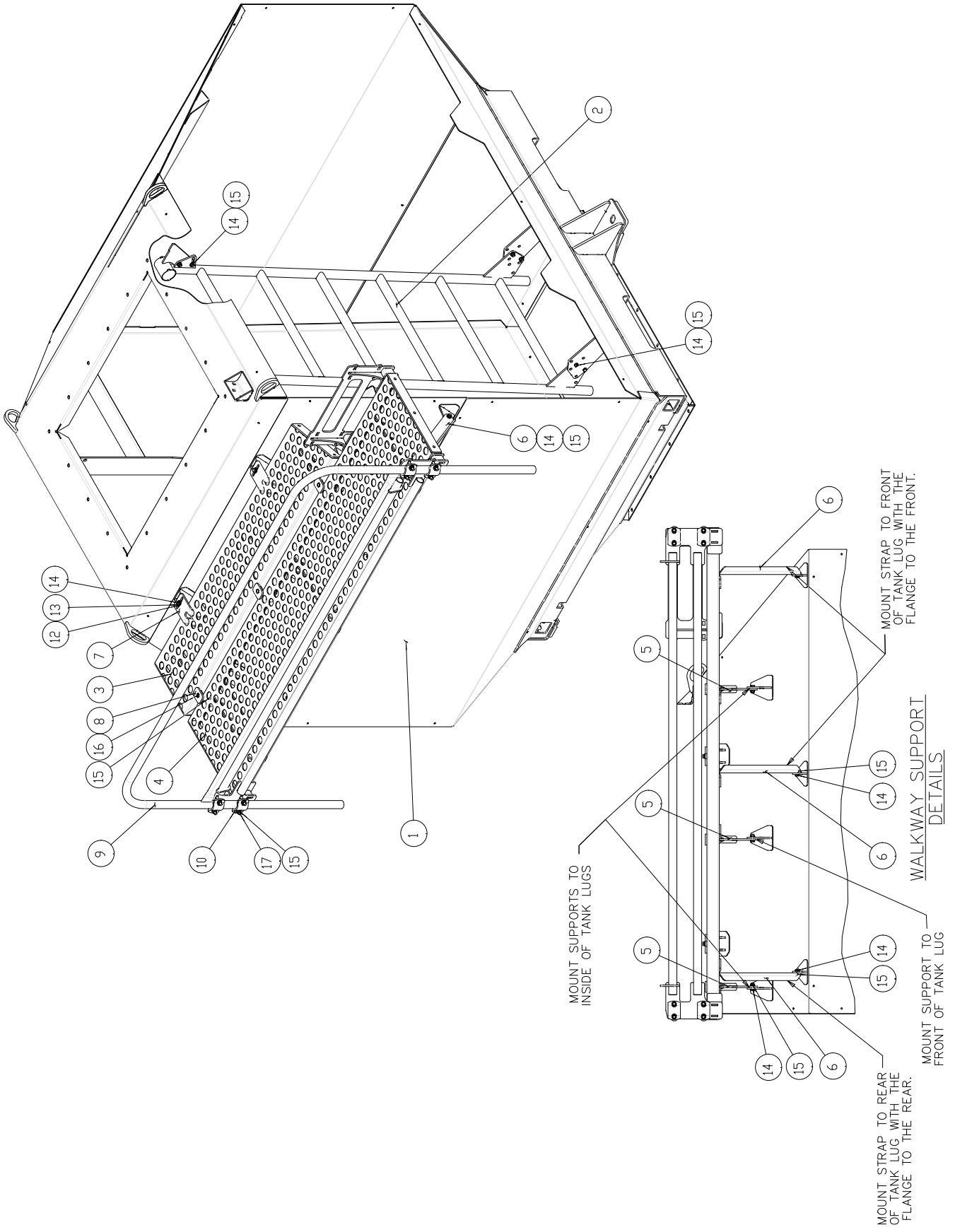


Panel Remove  
to Show Ladder.

**Tanks - 80 Bushels - N70925**

Item	Part No.	Description	Qty
1	N71215	Small Seed Tank - 80Bu .....	1
2	N71000	Lid Assembly - Narrow .....	1
3	N70481	Ladder - Small Seed .....	1
4	N70955	Step - Small Seed Tank .....	1
5	N70582	Handrail Mounting Plate.....	2
6	N70972	Handrail - Small Seed .....	2
7	N37622	Handrail U-Clamp.....	8
8	G69969	Pbag-Tank-Assy-80Bu-Hardware - (Includes Items Below) Whole Goods Only .....	1
9	T-5266	Carriage Bolt - 1/2 x 1 1/4 Lg .....	16
10	D14565	Locknut - 1/2 Flange .....	17
11	D12821	Carriage Bolt - 3/8 x 2 Lg .....	16
12	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg .....	6
13	S27987	Locknut - 3/8 Flange .....	36
14	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	8
15	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	6
	N70925	80 Bushel Tank Assembly - (Whole Goods Only)	

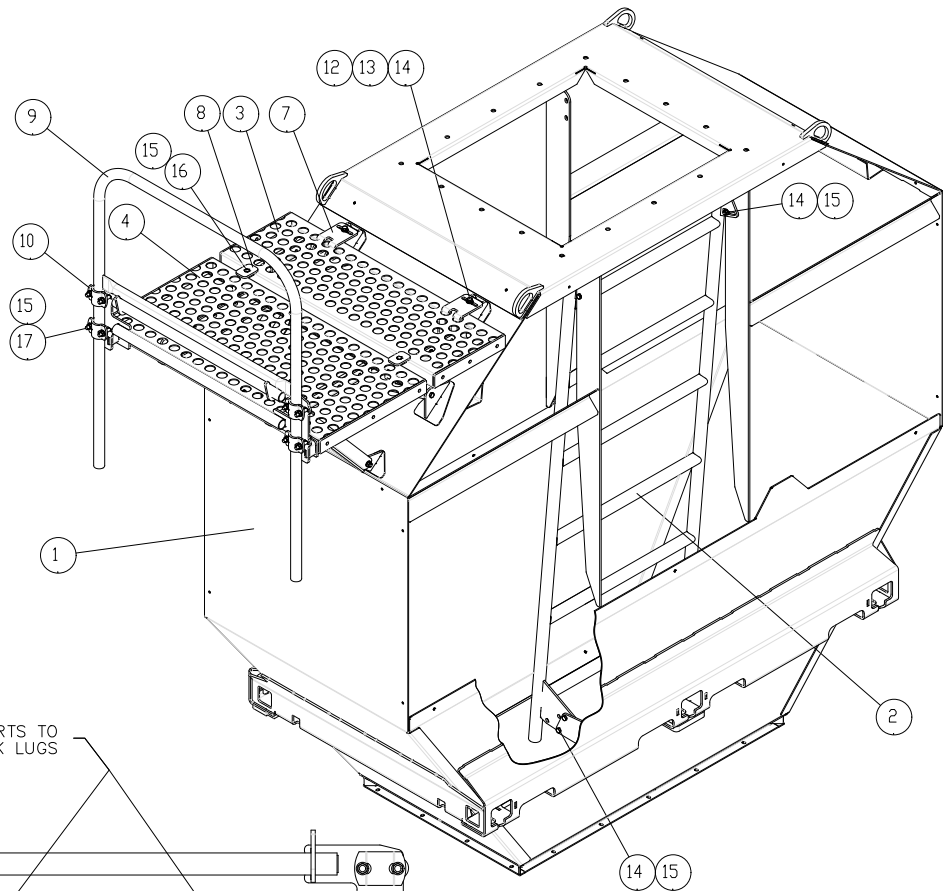
# 660 Tanks Front 200 Bushels - N73455



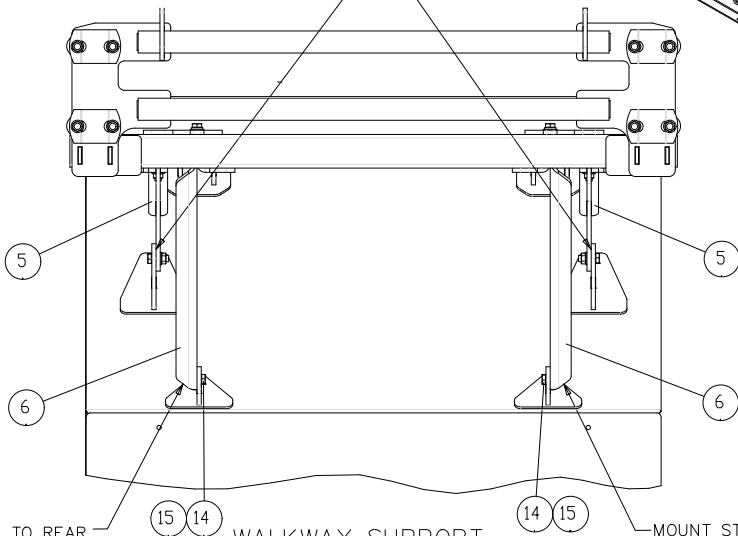
**660 Tanks - Front 200 Bushels - N73455**

Item	Part No.	Description	Qty
1	N73450	Tank - Front 660-590 .....	1
2	N70410	Ladder - Internal-820 .....	1
3	N70867	Walkway - Front Inner - 660 .....	1
4	N70870	Walkway - Front Outer - 660.....	1
5	N70895	Walkway Support Brkt .....	3
6	N70897	Walkway Support - 820 .....	3
7	N71140	Walkway Retainer Clip .....	2
8	N70901	Walkway Clamp Plate.....	3
9	N70856	Handrail - Front - 660 .....	1
10	N37622	Handrail U-Clamp.....	4
11	G73568	Pbag-10S-Tank-Base- 660 - (Includes Items Below) Whole Goods Only.....	1
12	D-5489	Flat Washer - 3/8.....	2
13	W-523	Lockwasher - 3/8.....	2
14	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	22
15	S27987	Locknut - 3/8 Flange .....	31
16	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg .....	3
17	D12821	Carriage Bolt - 3/8 x 2 Lg .....	8
	N73455	200 Bu Front Tank Assembly - (Whole Goods Only)	

# 660 Tanks Middle 100 Bushels - N73435



MOUNT SUPPORTS TO  
INSIDE OF TANK LUGS



MOUNT STRAP TO REAR  
OF TANK LUG WITH THE  
FLANGE TO THE REAR

WALKWAY SUPPORT  
DETAILS

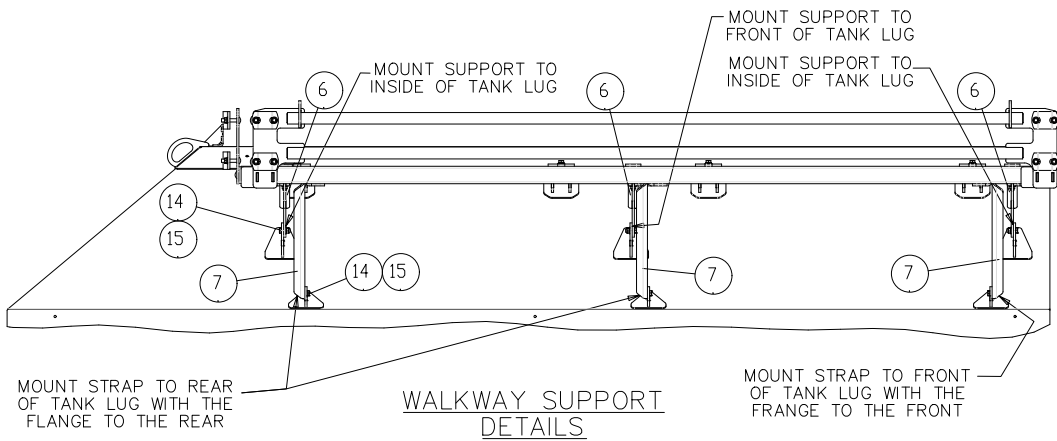
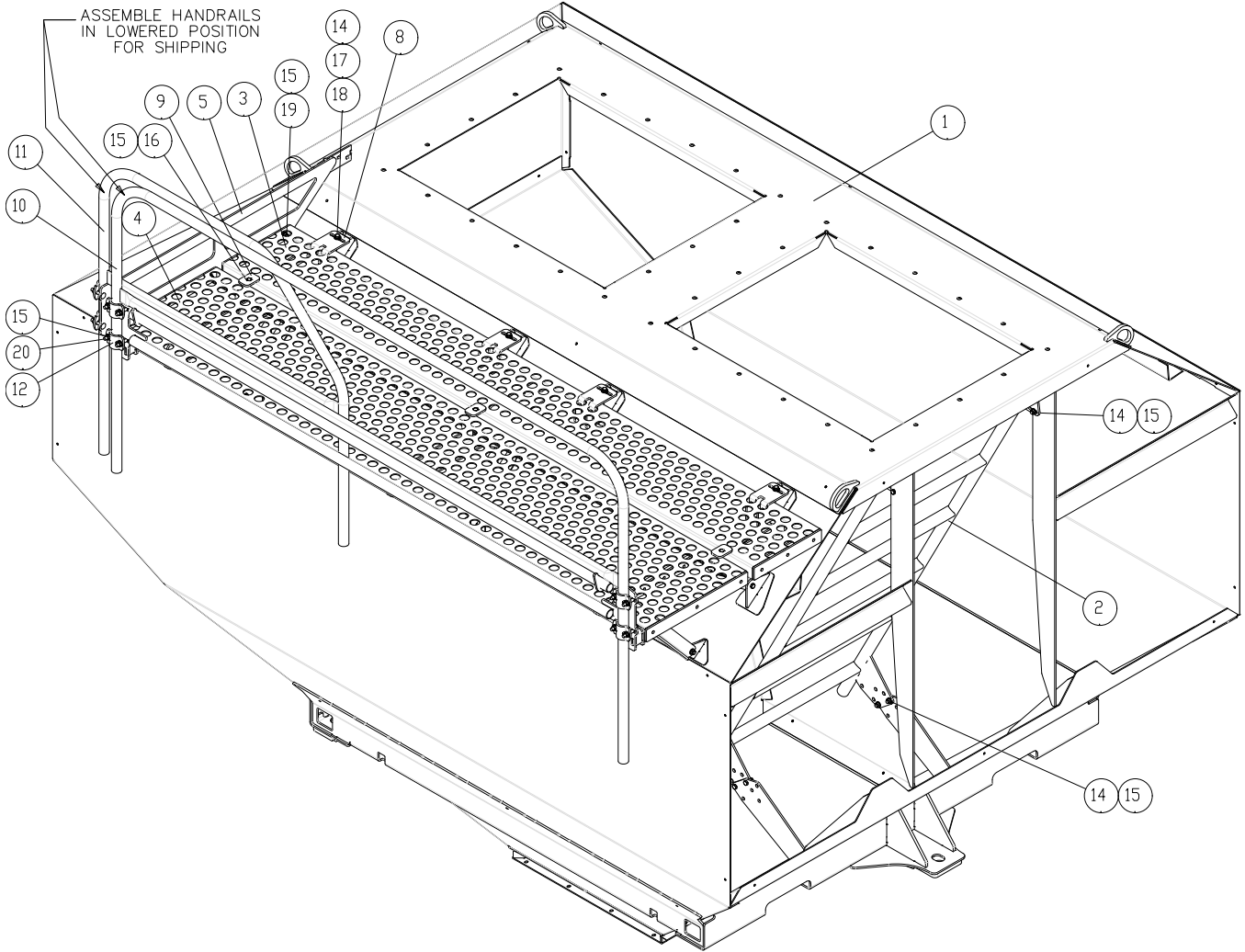
MOUNT STRAP TO FRONT  
OF TANK LUG WITH THE  
FLANGE TO THE FRONT

**660 Tanks - Middle 100 Bushels - N73435**

Item	Part No.	Description	Qty
1	N73420	Tank - Middle - 660.....	1
2	N70410	Ladder - Internal-820 .....	1
3	N70863	Walkway - Middle Inner - 660.....	1
4	N70864	Walkway - Middle Outer - 660 .....	1
5	N70895	Walkway Support Brkt .....	2
6	N70897	Walkway Support - 820 .....	2
7	N71140	Walkway Retainer Clip .....	2
8	N70901	Walkway Clamp Plate.....	2
9	N70854	Handrail - Middle.....	1
10	N37622	Handrail U-Clamp.....	4
11	G69964	Pbag-10S-Tank-Base - (Includes Items Below) Whole Goods Only .....	1
12	D-5489	Flat Washer - 3/8.....	2
13	W-523	Lockwasher - 3/8.....	2
14	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	18
15	S27987	Locknut - 3/8 Flange .....	26
16	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg .....	2
17	D12821	Carriage Bolt - 3/8 x 2 Lg .....	8
	N73435	100 Bu Front Tank Assembly - (Whole Goods Only)	



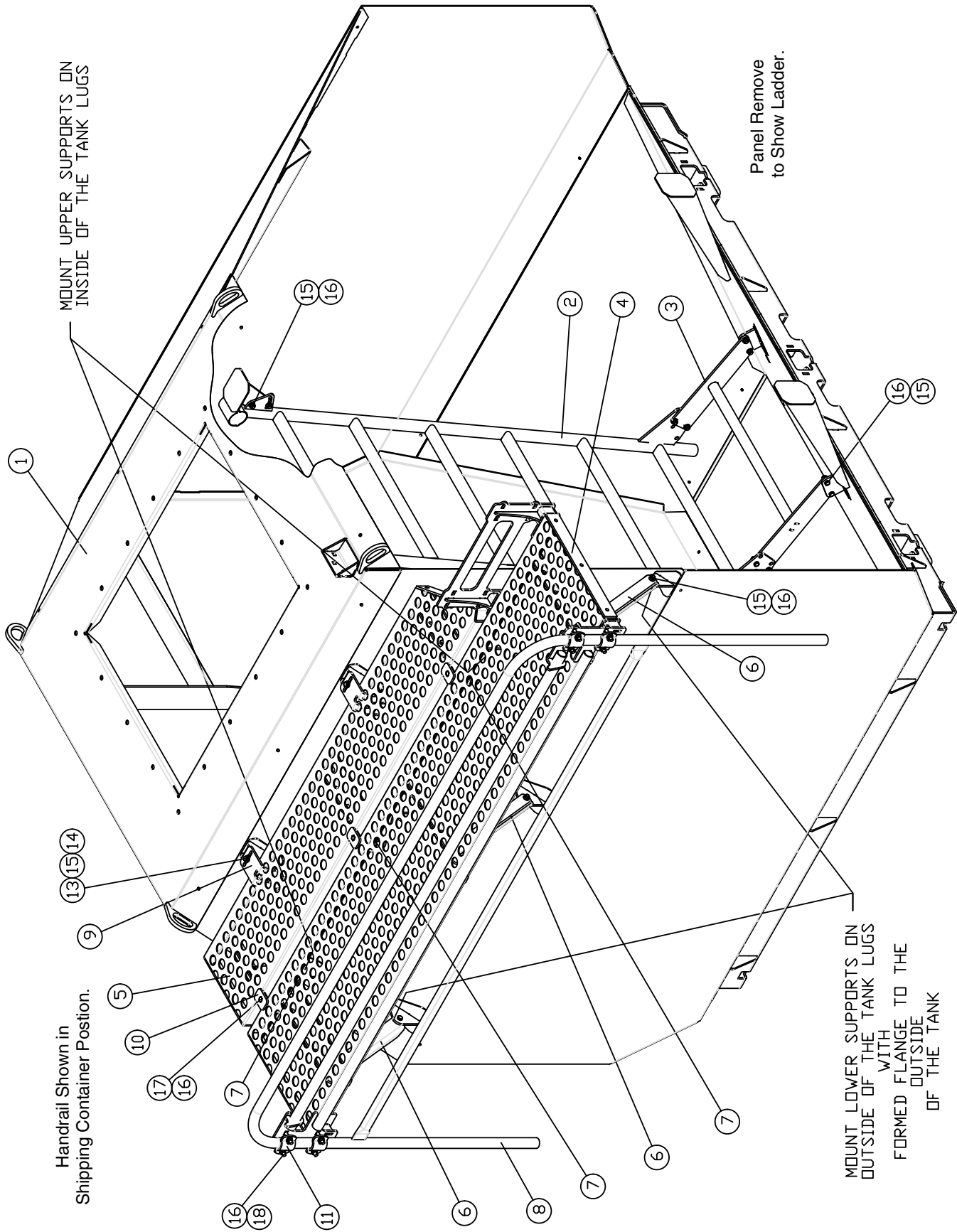
# 660 Tanks Middle 300 Bushels - N73445



**660 Tanks - Middle 300 Bushels - N73445**

Item	Part No.	Description	Qty
1	N73440	Rear Tank - 660 .....	1
2	N70410	Ladder - Internal-820 .....	1
3	N70853	Inner Walkway - Rear .....	1
4	N70875	Outer Walkway - Rear .....	1
5	N70936	Walkway End Plate.....	1
6	N70895	Walkway Support Brkt .....	3
7	N70897	Walkway Support - 820 .....	3
8	N71140	Walkway Retainer Clip .....	4
9	N70901	Walkway Clamp Plate.....	3
10	N70826	Handrail - Rear - 660.....	1
11	N70929	Handrail - Rear End - 820 .....	1
12	N37622	Handrail U-Clamp.....	6
13	G73569	Pbag-10S-Tank-Base-660 - (Includes Items Below) Whole Goods Only .....	1
14	W-475	Hex Head Bolt - 3/8 x 1 Lg .....	24
15	S27987	Locknut - 3/8 Flange .....	40
16	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg .....	3
17	D-5489	Flat Washer - 3/8.....	4
18	W-523	Lockwasher - 3/8.....	4
19	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	5
20	D12821	Carriage Bolt - 3/8 x 2 Lg .....	12
	N73445	300 Bu Front Tank Assembly - (Whole Goods Only)	

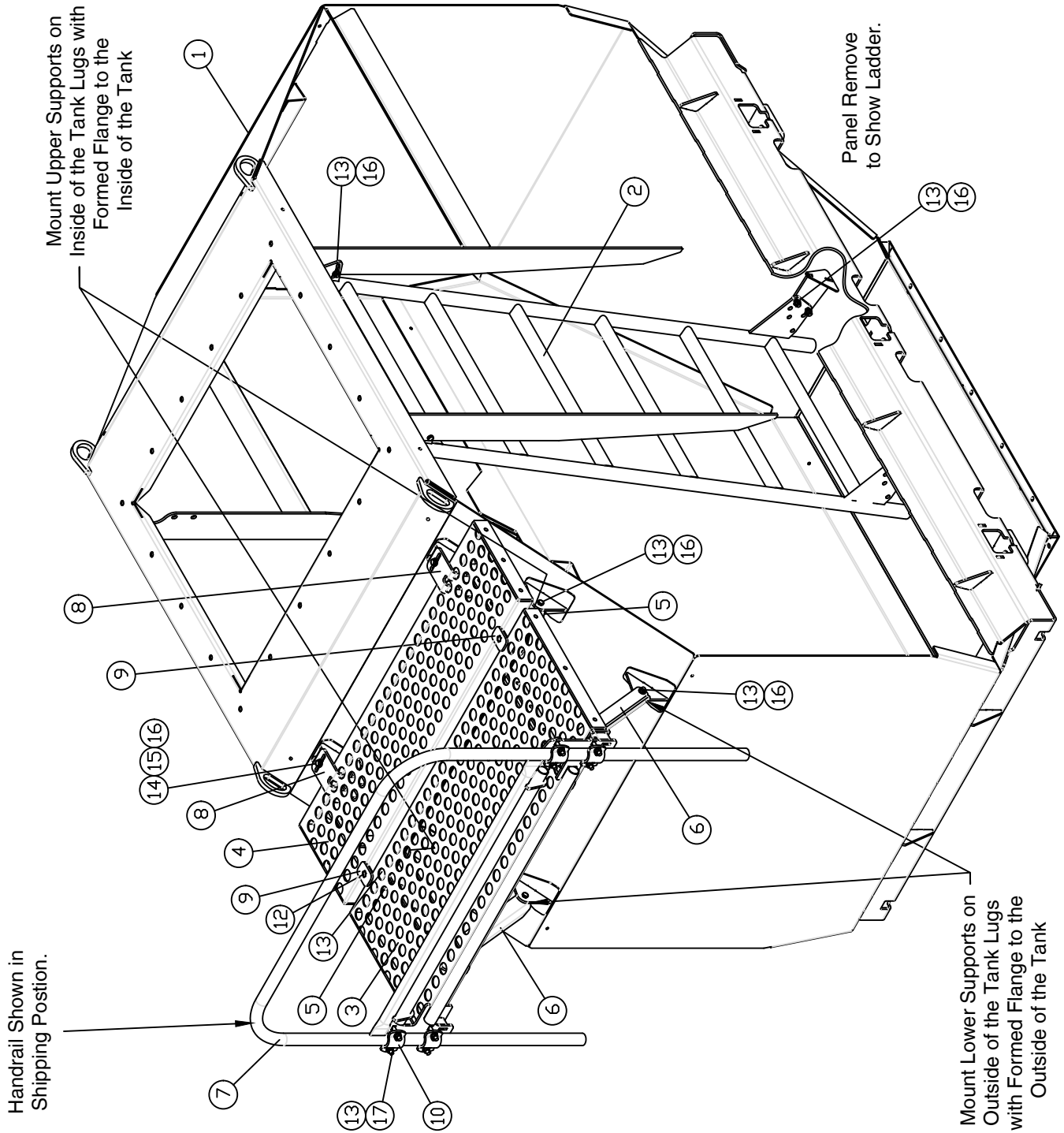
# 820 Tanks Front 250 Bushels - N70832



**820 Tanks - Front 250 Bushels - N70832**

Item	Part No.	Description	Qty
1	N71230	Front Tank - 250 Bu .....	1
2	N70410	Ladder - Internal-820 .....	1
3	N66635	Ladder Support - Lower .....	1
4	N70670	Lower Walkway - Front .....	1
5	N70662	Upper Walkway - Front .....	1
6	N70897	Walkway Support - 820 .....	3
7	N70895	Walkway Support Bracket .....	3
8	N71385	Handrail - Front .....	1
9	N71140	Walkway Retainer Clip .....	2
10	N70901	Walkway Clamp Plate.....	3
11	N37622	Handrail U-Clamp.....	4
12	G69948	Pbag-10S-Tank-Base - (Includes Items Below) Whole Goods Only .....	1
13	D-5489	Flat Washer - 3/8.....	2
14	W-523	Lockwasher - 3/8.....	2
15	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	26
16	S27987	Locknut - 3/8 Flange .....	35
17	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg .....	3
18	D12821	Carriage Bolt - 3/8 x 2 Lg .....	8
	N70832	250 Bu Front Tank Assembly - (Whole Goods Only)	

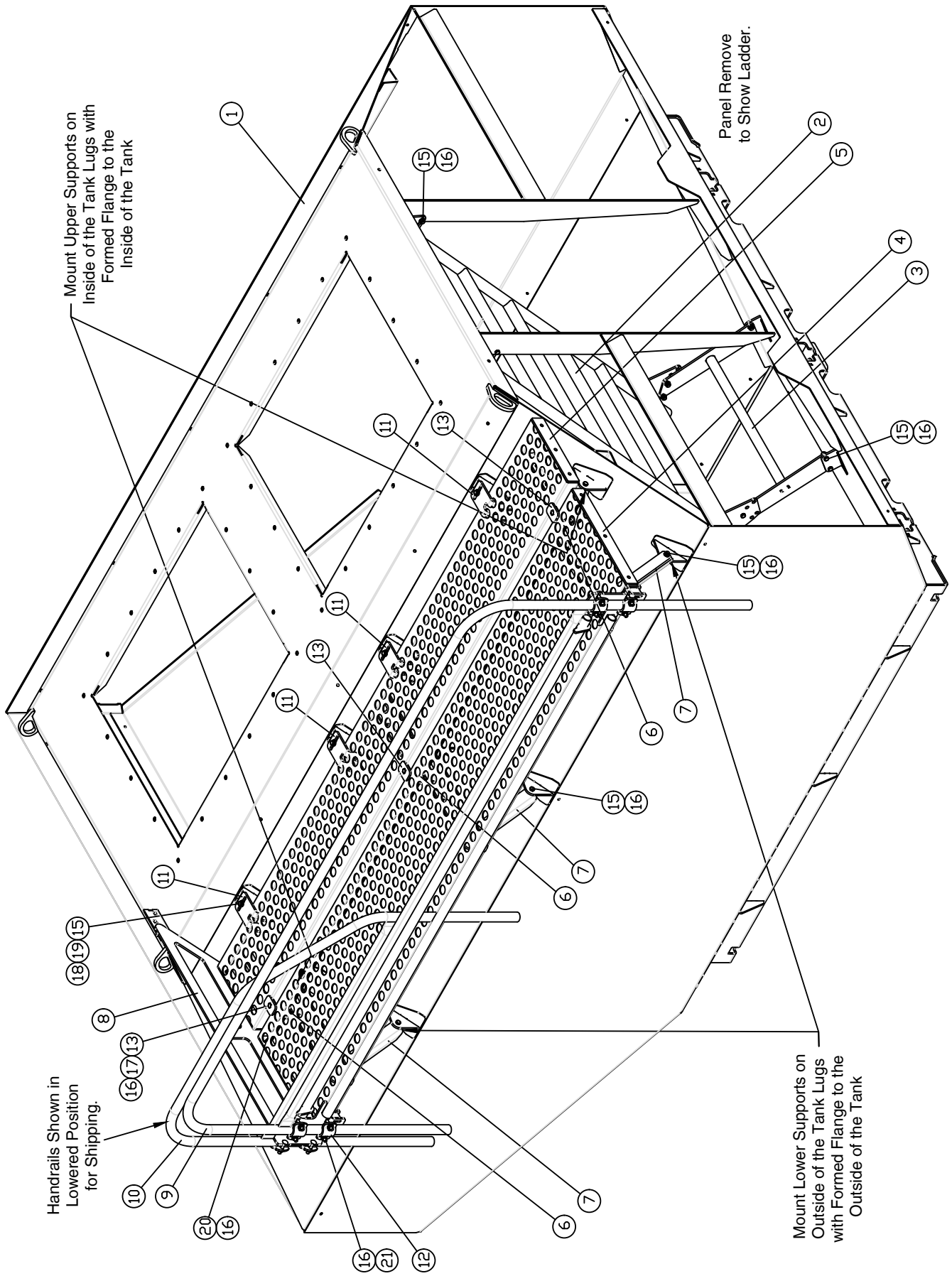
# 820 Tanks Middle 135 Bushels - N70825



**820 Tanks - Middle 135 Bushels - N70825**

Item	Part No.	Description	Qty
1	N71225	Tank - Middle - 820.....	1
2	N70410	Ladder - Internal-820 .....	1
3	N70669	Lower Walkway - Middle.....	1
4	N70659	Upper Walkway - Middle.....	1
5	N70895	Walkway Support Brkt .....	2
6	N70897	Walkway Support - 820 .....	2
7	N71380	Handrail - Middle .....	1
8	N71140	Walkway Retainer Clip .....	2
9	N70901	Walkway Clamp Plate.....	2
10	N37622	Handrail U-Clamp.....	4
11	G69964	Pbag-10S-Tank-Base-250 Bu - (Includes Items Below) Whole Goods Only .....	1
12	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg .....	2
13	S27987	Locknut - 3/8 Flange .....	26
14	D-5489	Flat Washer - 3/8.....	2
15	W-523	Lockwasher - 3/8.....	2
16	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	18
17	D12821	Carriage Bolt - 3/8 x 2 Lg .....	8
	N70825	135 Rear Tank Assembly - (Whole Goods Only)	

# 820 Tanks Back 355 Bushels - N70820

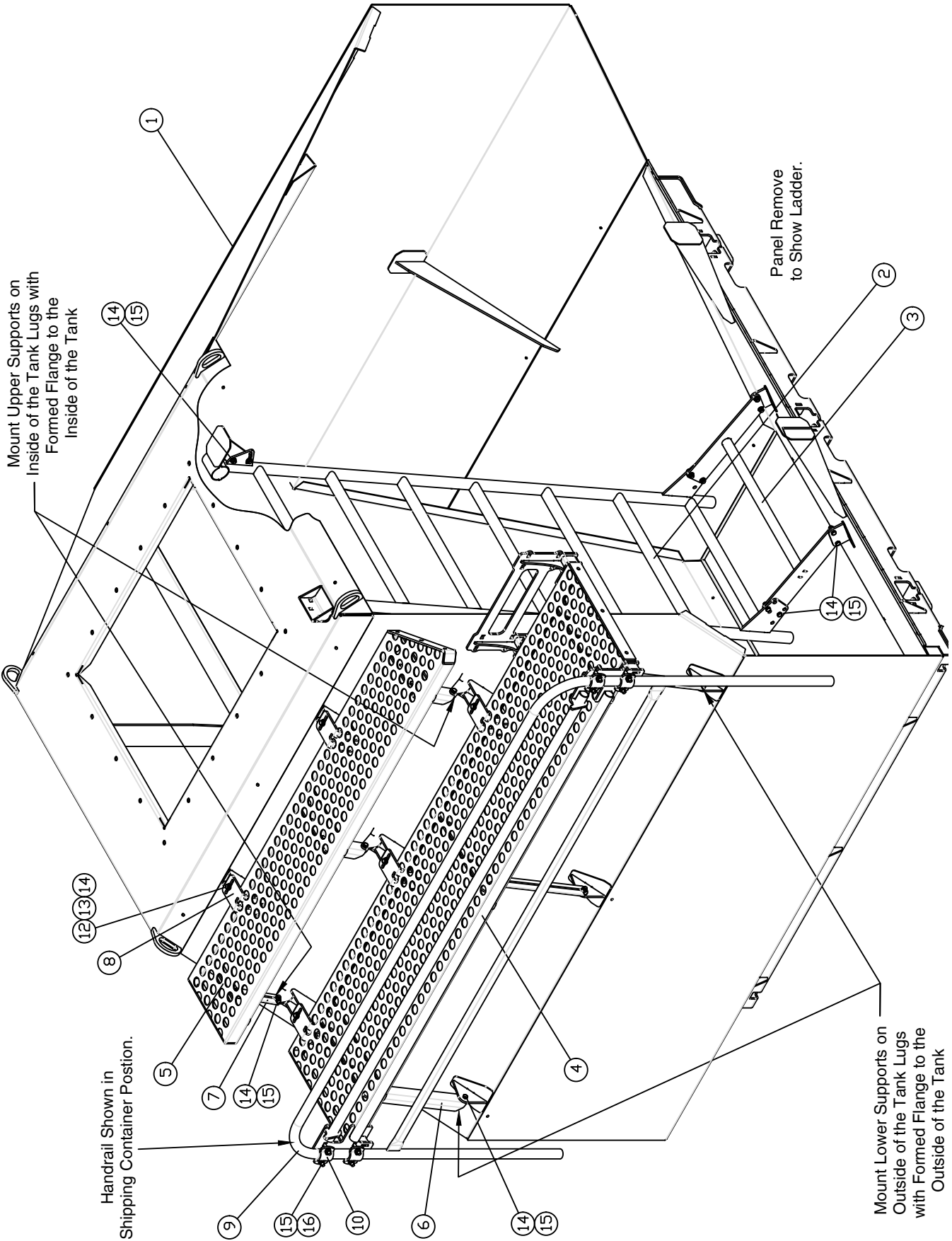




**820 Tanks - Back 355 Bushels - N70820**

Item	Part No.	Description	Qty
1	N71220	Rear Tank - 820 .....	1
2	N70410	Ladder - Internal - 820 .....	1
3	N66635	Ladder Support - Lower .....	1
4	N70667	Lower Walkway - Rear .....	1
5	N70657	Upper Walkway - Rear .....	1
6	N70895	Walkway Support Bracket .....	3
7	N70897	Walkway Support - 820 .....	3
8	N70936	Walkway End Plate .....	1
9	N71375	Handrail - Rear .....	1
10	N70929	Handrail - Rear End - 820 .....	1
11	N71140	Walkway Retainer Clip .....	4
12	N37622	Handrail U-Clamp .....	6
13	N70901	Walkway Clamp Plate .....	3
14	G69923	Pbag-10S-Tank-Base - (Includes Items Below) Whole Goods Only .....	1
15	W-475	Hex Head Bolt - 3/8 x 1 Lg .....	28
16	S27987	Locknut - 3/8 Flange .....	44
17	H-1790	Hex Head Bolt - 3/8 x 2 3/4 Lg .....	3
18	D-5489	Flat Washer - 3/8 .....	4
19	W-523	Lockwasher - 3/8 .....	4
20	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	5
21	D12821	Carriage Bolt - 3/8 x 2 Lg .....	12
	N70820	330 Back Tank Assembly - (Whole Goods Only)	

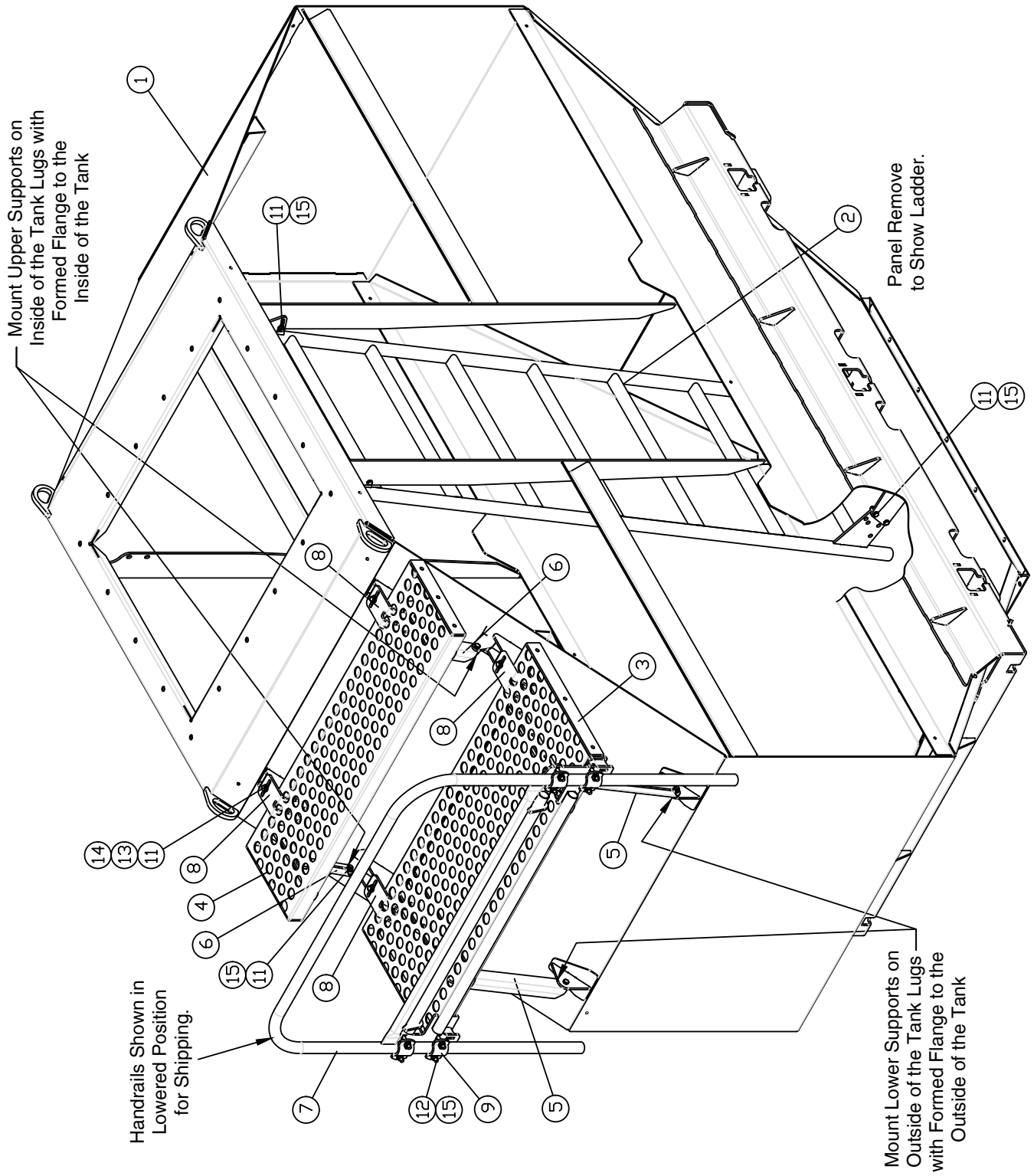
# 1050 Tanks Front 330 Bushels - N70932



**1050 Tanks - Front 330 Bushels - N70932**

Item	Part No.	Description	Qty
1	N71210	Front Tank - 330 Bu .....	1
2	N66615	Ladder - Internal.....	1
3	N66635	Ladder Support - Lower .....	1
4	N70670	Lower Walkway - Front .....	1
5	N70662	Upper Walkway - Front .....	1
6	N70630	Bracket - Walkway Support .....	3
7	N70604	Bracket - Walkway Support .....	3
8	N71140	Walkway Retainer Clip .....	5
9	N71385	Handrail - Front .....	1
10	N37622	Handrail U-Clamp.....	4
11	G69966	Pbag-10S-Tank-Base - (Includes Items Below) Whole Goods Only .....	1
12	D-5489	Flat Washer - 3/8.....	5
13	W-523	Lockwasher - 3/8.....	5
14	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	29
15	S27987	Locknut - 3/8 Flange .....	32
16	D12821	Carriage Bolt - 3/8 x 2 Lg .....	8
	N70932	330 Front Tank Assembly - (Whole Goods Only)	

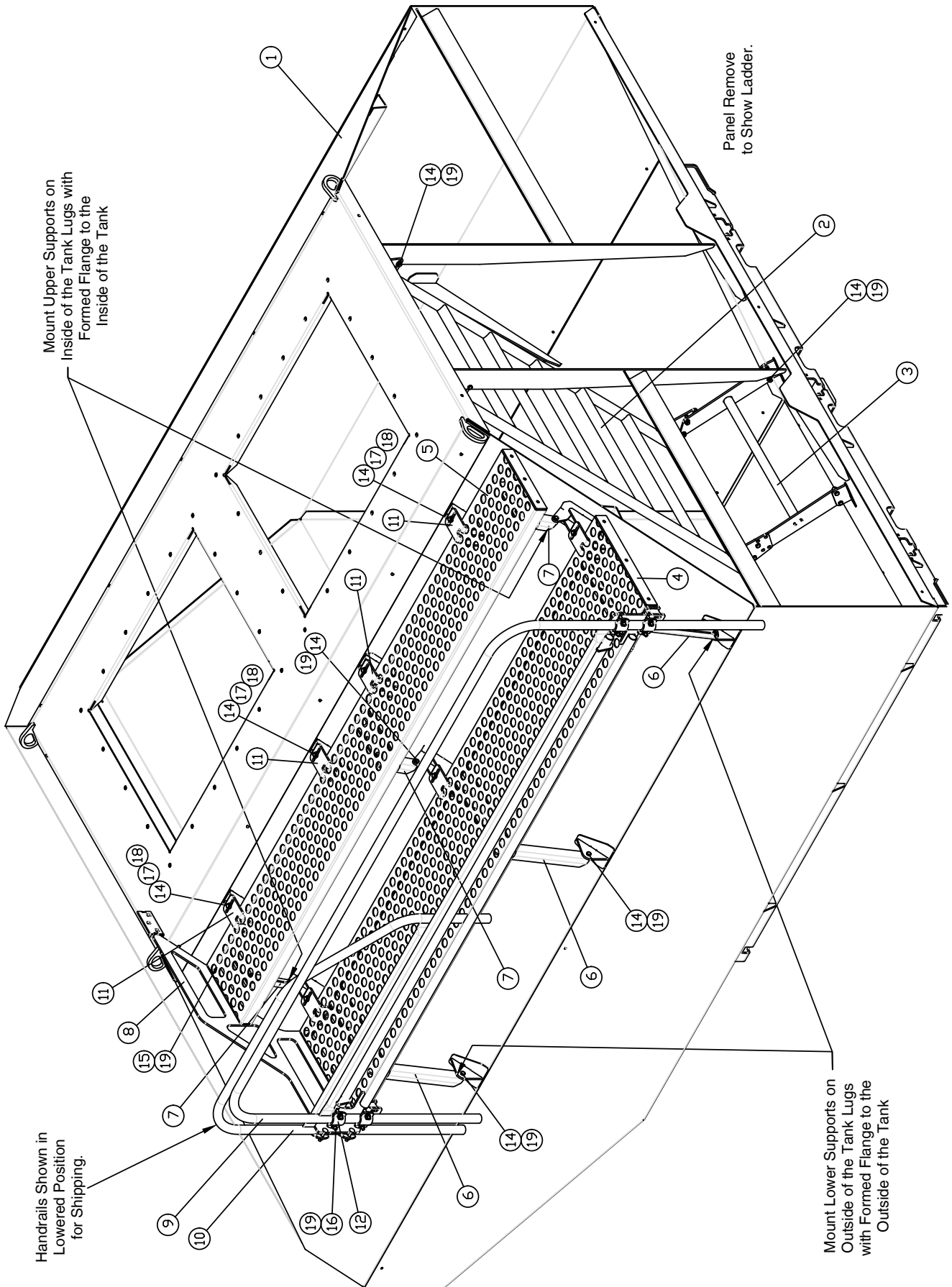
# 1050 Tanks Middle 175 Bushels - N70935



**1050 Tanks - Middle 175 Bushels - N70935**

Item	Part No.	Description	Qty
1	N71205	Tank - Middle 1050 - 175 Bu.....	1
2	N66615	Ladder - Internal.....	1
3	N70669	Lower Walkway - Middle.....	1
4	N70659	Upper Walkway - Middle.....	1
5	N70630	Bracket - Walkway Support .....	2
6	N70604	Bracket - Walkway Support .....	2
7	N71380	Handrail - Middle .....	1
8	N71140	Walkway Retainer Clip .....	4
9	N37622	Handrail U-Clamp.....	4
10	G69968	Pbag-10S-Tank-Base - (Includes Items Below) Whole Goods Only .....	1
11	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	20
12	D12821	Carriage Bolt - 3/8 x 2 Lg .....	8
13	D-5489	Flat Washer - 3/8.....	4
14	W-523	Lockwasher - 3/8.....	4
15	S27987	Locknut - 3/8 Flange .....	24
	N70935	175 Middle Tank Assembly - (Whole Goods Only)	

# 1050 Tanks Back 465 Bushels - N70940



Mount Upper Supports on Inside of the Tank Lugs with Formed Flange to the Inside of the Tank

Panel Remove to Show Ladder.

Handrails Shown in Lowered Position for Shipping.

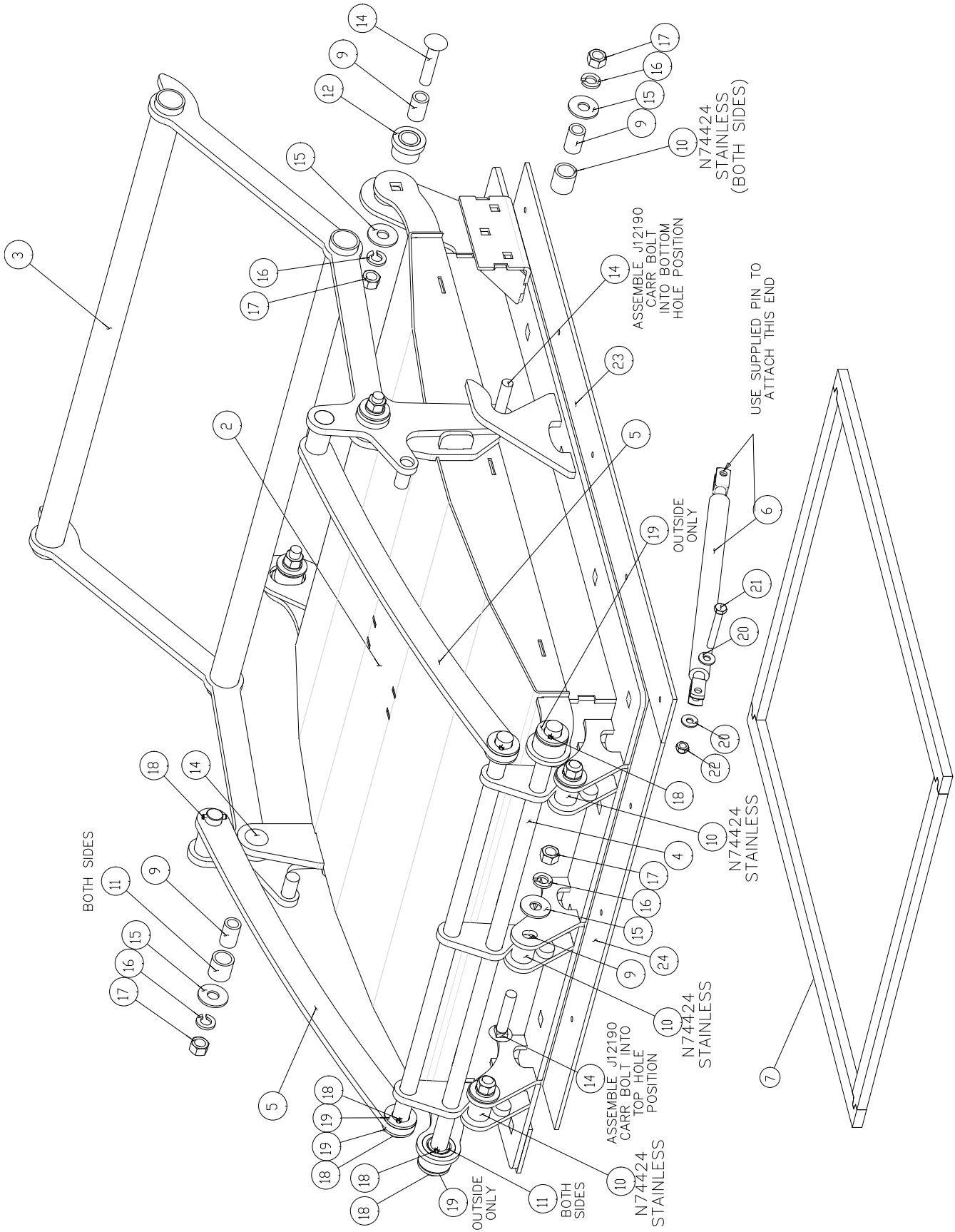
Mount Lower Supports on Outside of the Tank Lugs with Formed Flange to the Outside of the Tank

**1050 Tanks - Back 465 Bushels - N70940**

Item	Part No.	Description	Qty
1	N71200	Back Tank - 1050 - 465 Bu .....	1
2	N66615	Ladder - Internal.....	1
3	N66635	Ladder Support - Lower .....	1
4	N70667	Lower Walkway - Rear.....	1
5	N70657	Upper Walkway - Rear .....	1
6	N70630	Bracket - Walkway Support .....	3
7	N70604	Bracket - Walkway Support .....	3
8	N71381	Walkway End Plate.....	1
9	N71375	Handrail - Rear.....	1
10	N71370	Handrail - Rear End .....	1
11	N71140	Walkway Retainer Clip .....	7
12	N37622	Handrail U-Clamp.....	6
13	G69939	Pbag-10S-Tank-Base - (Includes Items Below) Whole Goods Only .....	1
14	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	31
15	P7C616	Carriage Bolt - 3/8 x 1 Lg .....	5
16	D12821	Carriage Bolt - 3/8 x 2 Lg .....	12
17	D-5489	Flat Washer - 3/8.....	7
18	W-523	Lockwasher - 3/8.....	7
19	S27987	Locknut - 3/8 Flange .....	41
	N70940	465 Middle Tank Assembly - (Whole Goods Only)	



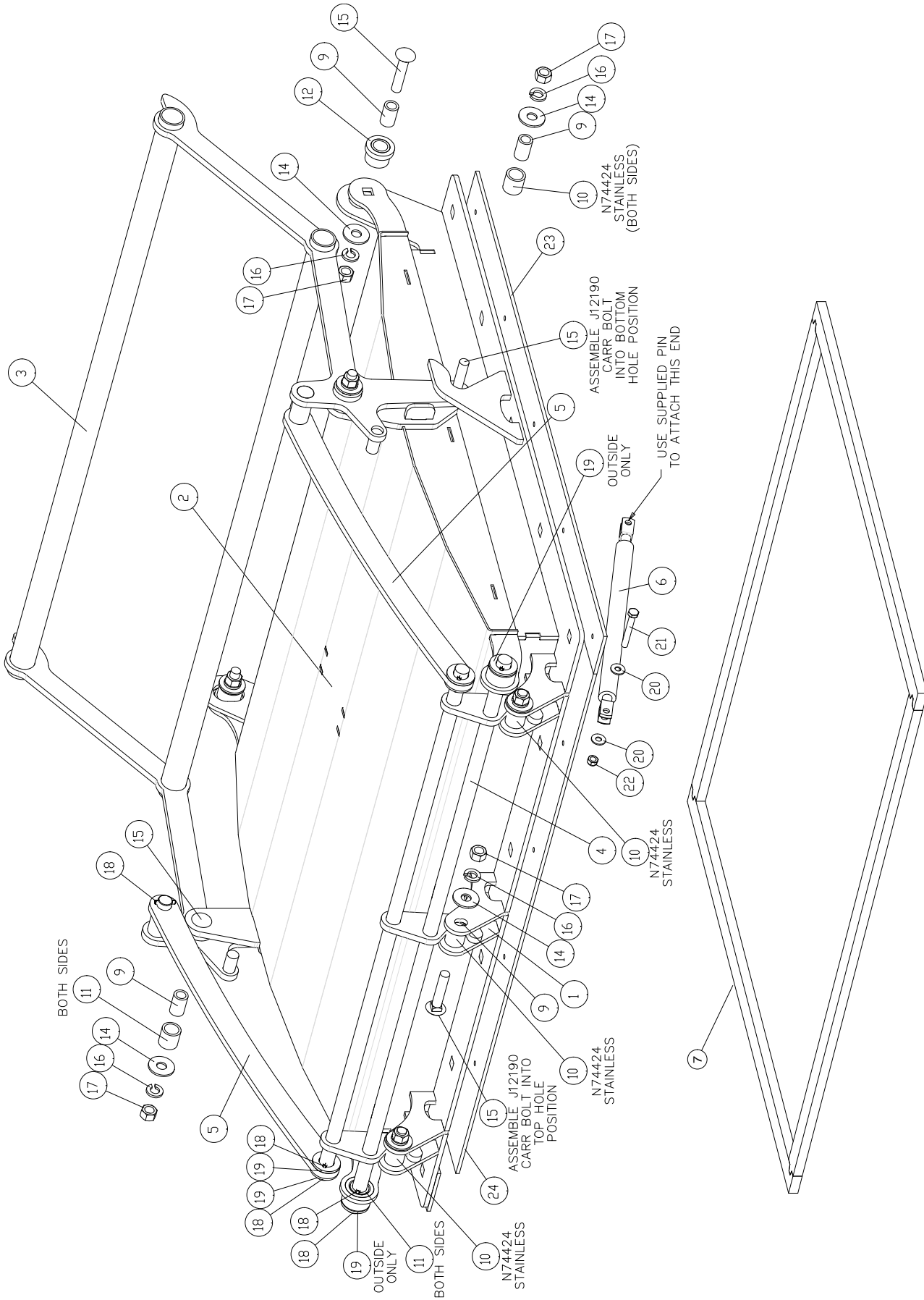
# Lid Assembly Narrow Lid



## Lid Assembly - Narrow Lid

Item	Part No.	Description	Qty
1	N71005	Lid Flange - Narrow.....	1
2	N71010	Tank Lid - Narrow - 28 x 24 .....	1
3	N71015	Lid Handle - Narrow .....	1
4	N71019	Lock Lever - Narrow .....	1
5	N68742	Lid Lock Link .....	2
6	N64899	Lid Compression Spring.....	1
7	N71028	Seal Strip Set - Narrow Lid (Attaches to Lid) .....	1
8	G69959	Pbag-10S-Lid-Assembly-Bushings - (Includes Items Below) Whole Goods Only .....	1
9	N71597	Bushing - 0.510 ID x 3/4 OD x 1 3/16 LG.....	9
10	N74424	Bushing - Lid Hook- 0.760 ID x 1 OD x 1 Lg - Stainless .....	5
11	S44397	Bushing - 3/4 ID x 1 OD x 1 Lg - Polygon .....	4
12	N71107	Lid Roller Bushing Assembly - (Includes N71101 Roller and S44397 Bushing) .....	2
13	G69958	Pbag-10S-Lid-Assembly-Hardware - (Includes Items Below) Whole Goods Only.....	1
14	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg .....	9
15	W-539	Flat Washer - 1/2.....	9
16	W-525	Lockwasher - 1/2.....	9
17	W-516	Hex Nut - 1/2.....	9
18	W-1308	Spirol Pin - 3/16 x 1-1/8 .....	10
19	W-476	Flat Washer - 3/4.....	6
20	S-1198	Flat Washer - 5/16.....	2
21	J12217	Hex Bolt - 5/16 x 2 1/4 Lg.....	1
22	D-5272	Locknut - 5/16 Unitorque .....	1
23	N73922	Seal Strip - 3/16 x 2-3/4 x 34 (Attaches to Lid Flange).....	2
24	N73922	Seal Strip - 3/16 x 2-3/4 x 24-1/2 (Attaches to Lid Flange) .....	2
	N71000	Lid Assembly Narrow - (Includes All Above Items) Whole Goods Only	
	N72549	High Temp Sealant - 300 ml Tube	

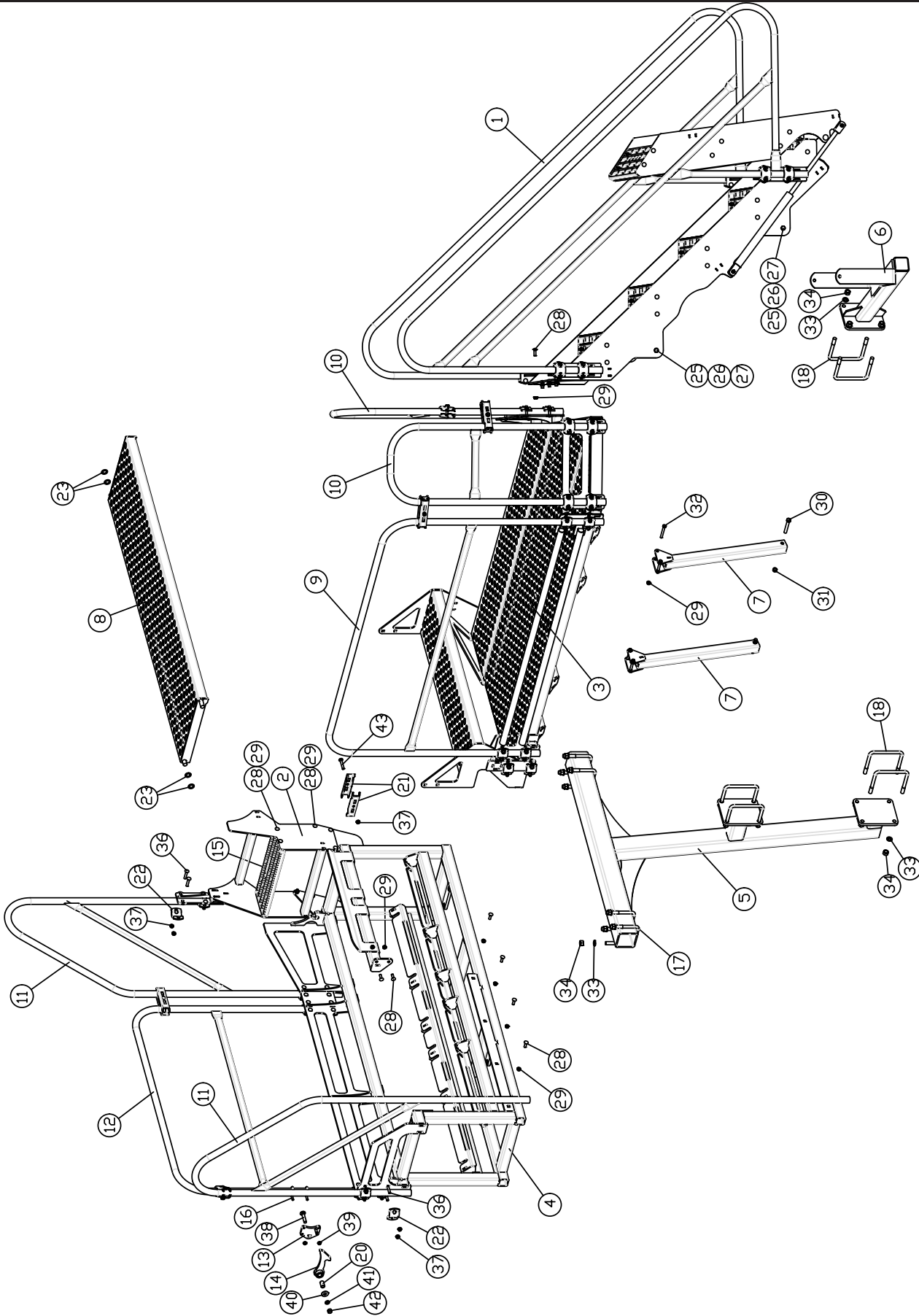
# Lid Assembly Wide Lid



## Lid Assembly - Wide Lid

Item	Part No.	Description	Qty
1	N68710	Tank Lid Flange.....	1
2	N68720	Tank Lid - Wide - 28 x 36.....	1
3	N68931	Lid Handle.....	1
4	N68933	Lock Lever.....	1
5	N68742	Lid Lock Link.....	2
6	N64899	Lid Compression Spring.....	1
7	N68775	Seal Strip Set - Wide Lid (Attaches to Lid).....	1
8	G69959	G Pbag-10S - Lid Assembly Bushings - (Includes Items Below) Whole Goods Only .....	1
9	N71597	Bushing - 0.510 ID X 3/4 OD X 1 3/16 LG.....	9
10	N74424	Bushing - Lid Hook- 0.760 ID x 1 OD x 1 Lg - Stainless .....	5
11	S44397	Bushing - 3/4 ID x 1 OD x 1 Lg - Polygon .....	4
12	N71107	Lid Roller Bushing Assembly - (Includes N71101 Roller and S44397 Bushing) .....	2
13	G69958	G Pbag-10S - Lid Assembly Hardware - (Includes Items Below) Whole Goods Only .....	1
14	W-539	Flat Washer - 1/2.....	9
15	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg .....	9
16	W-525	Lockwasher - 1/2.....	9
17	W-516	Hex Nut - 1/2.....	9
18	W-1308	Spirol Pin - 3/16 x 1 1/8 Lg.....	10
19	W-476	Flat Washer - 3/4.....	6
20	S-1198	Flat Washer - 5/16.....	2
21	J12217	Hex Bolt - 5/16 x 2 1/4 Lg.....	1
22	D-5272	Locknut - 5/16 Unitorque.....	1
23	N73922	Seal Strip - 3/16 x 2-3/4 x 34 (Attaches to Lid Flange).....	2
24	N73922	Seal Strip - 3/16 x 2-3/4 x 36-1/2 (Attaches to Lid Flange) .....	2
	N69180	Lid Assembly Wide - (Includes All Above Items) Whole Goods Only	
	N72549	High Temp Sealant - 300 ml Tube	

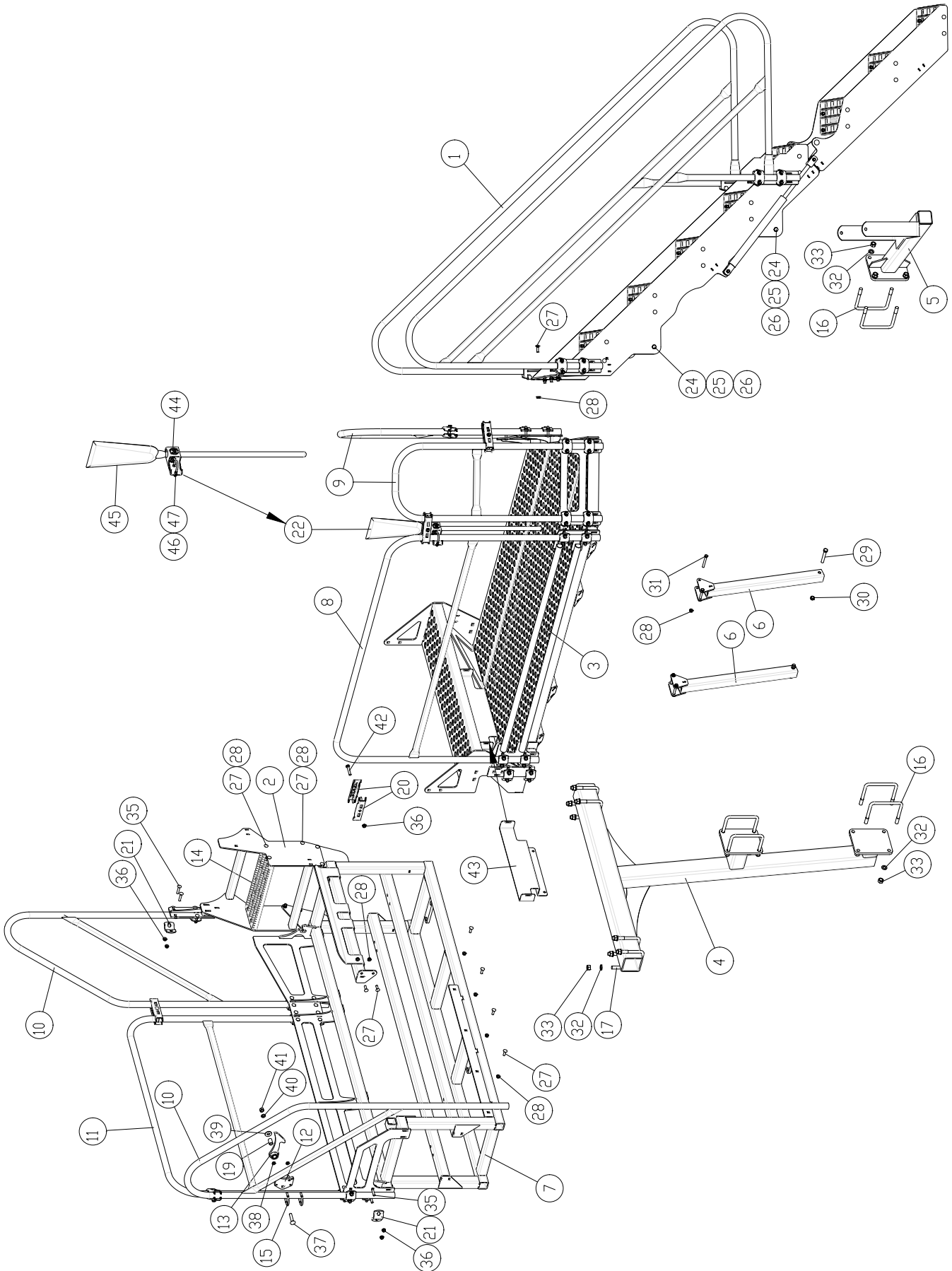
# Stairway Front Platform - Prior to 2025



## Stairway - Front Platform - Prior to 2025

Item	Part No.	Description	Qty
1	N70960	Front Staircase Assembly - (Whole Goods Only) .....	1
2	N71390	Staircase - Side.....	1
3	N70673	Platform - Front .....	1
4	N70970	APU Container Frame .....	1
5	N71128	Platform/APU Support.....	1
6	N70600	Staircase Support - Lower.....	1
7	N70608	Platform Support - Short .....	2
8	N70975	Platform Walkway .....	1
9	N70689	Handrail - Front Platform .....	1
10	N71365	Handrail - Front Side .....	2
11	N70692	Handrail - Upper Staircase.....	2
12	N70686	Handrail - Platform Side.....	1
13	N70939	Walkway Latch Plate .....	1
14	N70953	Walkway Latch .....	1
15	N55179	Step - Morris .....	1
16	N42091	U-Bolt - 5/16 x 1-11/16 x 2-1/4 UL .....	2
17	C-219	U-Bolt - 5/8 x 4 x 5-9/16 UL.....	4
18	F-4642	U-Bolt - 5/8 x 6 x 5-1/2 UL .....	6
19	G69953	Pbag-10S-Clamps-Wash-Bush - (Includes Items Below) (Whole Goods Only) .....	1
20	N71597	Lid Lock Bushing.....	1
21	N71351	Handrail Clamp - Narrow.....	12
22	N37622	Handrail U-Clamp.....	24
23	S39559	Washer.....	4
24	G69954	Pbag-10S-Plat-Stair-Hdwre - (Includes Items Below) Whole Goods Only .....	1
25	W-485	Hex Bolt - 1/2 x 1 1/4 Lg.....	4
26	W-525	Lockwasher - 1/2.....	4
27	W-516	Hex Nut - 1/2 .....	4
28	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg .....	20
29	S27987	Lock Nut - 3/8 Flange.....	24
30	D-5519	Hex Bolt - 1/2 x 3 1/4 Lg.....	2
31	F-3405	Locknut - 1/2 Unitorque.....	2
32	W-1854	Hex Bolt - 3/8 x 3 Lg.....	4
33	W-526	Lockwasher - 5/8.....	20
34	W-517	Hex Nut - 5/8 .....	20
35	G69952	Pbag-10S-Handrail-Clamp-Hdwre - (Includes Items Below) Whole Goods Only .....	1
36	D12821	Carriage Bolt - 3/8 x 2 Lg .....	48
37	S27987	Locknut - 3/8 Flange .....	54
38	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg .....	1
39	D-5278	Locknut - 5/16 Flange .....	4
40	W-539	Flat Washer - 1/2.....	1
41	W-525	Lockwasher - 1/2.....	1
42	W-516	Hex Nut - 1/2 .....	1
43	S28159	Carriage Bolt - 3/8 x 2 1/2 Lg .....	6

# Stairway Front Platform - 2025 to Present

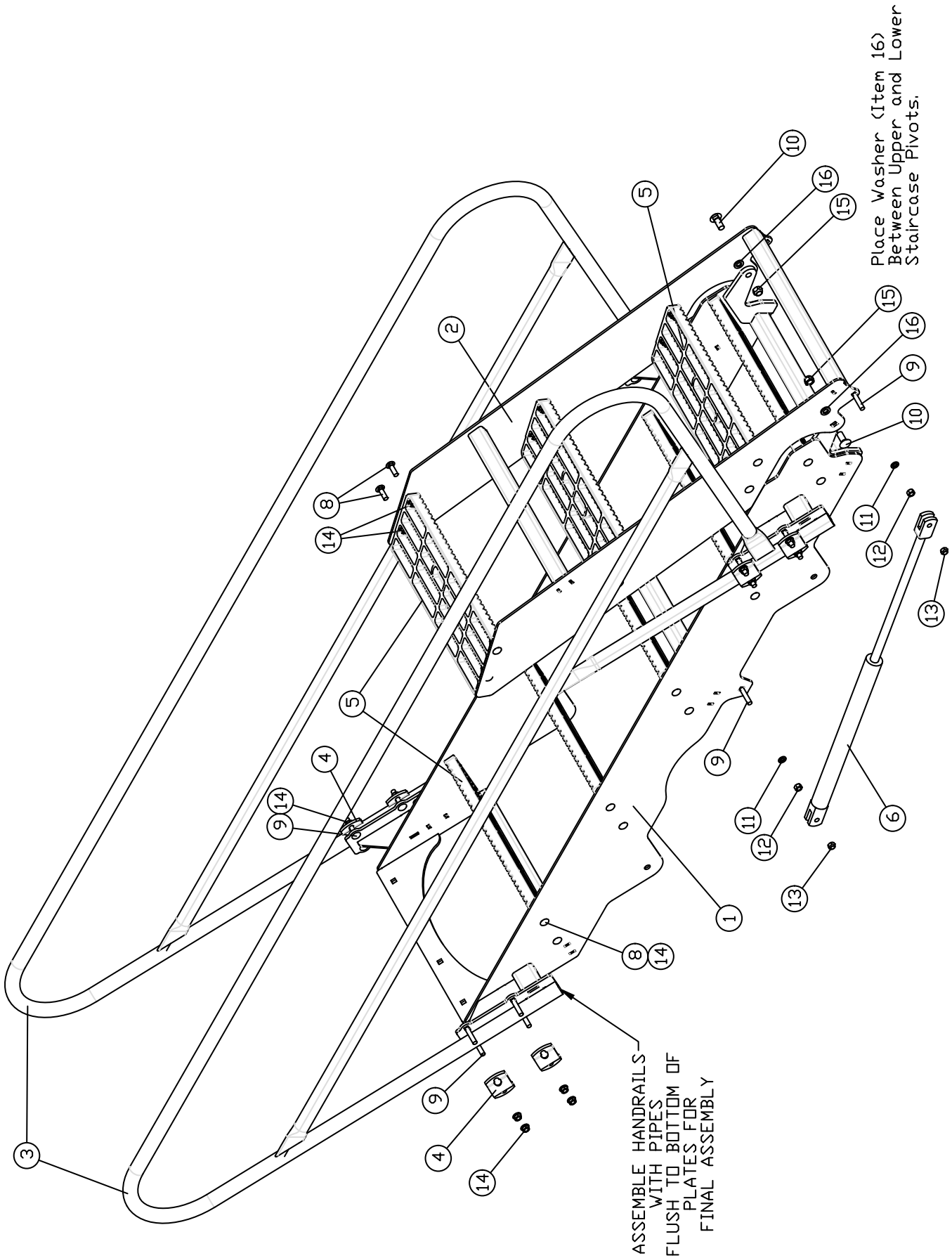




## Stairway - Front Platform - 2025 to Present

Item	Part No.	Description	Qty
1	N70960	Front Staircase Assy - (Whole Goods Only).....	1
2	N71390	Staircase - Side.....	1
3	N70673	Platform - Front.....	1
4	N71128	Platform/APU Support.....	1
5	N70600	Staircase Support - Lower.....	1
6	N70608	Platform Support - Short.....	2
7	N74215	APU Toolbox Frame.....	1
8	N70689	Handrail - Front Platform.....	1
9	N71365	Handrail - Front Side.....	2
10	N70692	Handrail - Upper Staircase.....	2
11	N70686	Handrail - Platform Side.....	1
12	N70939	Walkway Latch Plate.....	1
13	N70953	Walkway Latch.....	1
14	N55179	Step - Morris.....	1
15	N42091	U-Bolt - 5/16 x 1-11/16 x 2-1/4 UL.....	2
16	F-4642	U-Bolt - 5/8 x 6 x 5-1/2 UL.....	6
17	C-219	U-Bolt - 5/8 x 4 x 5-9/16 UL.....	4
18	G69953	Pbag-10S-Clamps-Wash-Bush - (Includes Items Below) (Whole Goods Only).....	1
19	N71597	Lid Lock Bushing.....	1
20	N71351	Handrail Clamp - Narrow.....	12
21	N37622	Handrail U-Clamp.....	24
22	N73837	Tank Clean Off Kit - (Includes Items 44-47).....	1
23	G69954	Pbag-10S-Plat-Stair-Hdwre - (Includes Items Below) Whole Goods Only.....	1
24	W-485	Hex Bolt - 1/2 x 1 1/4 Lg.....	4
25	W-525	Lockwasher - 1/2.....	4
26	W-516	Hex Nut - 1/2.....	4
27	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg.....	20
28	S27987	Lock Nut - 3/8 Flange.....	24
29	D-5519	Hex Bolt - 1/2 x 3 1/4 Lg.....	2
30	F-3405	Locknut - 1/2 Unitorque.....	2
31	W-1854	Hex Bolt - 3/8 x 3 Lg.....	4
32	W-526	Lockwasher - 5/8.....	20
33	W-517	Hex Nut - 5/8.....	20
34	G69952	Pbag-10S-Handrail-Clamp-Hdwre - (Includes Items Below) Whole Goods Only.....	1
35	D12821	Carriage Bolt - 3/8 x 2 Lg.....	48
36	S27987	Locknut - 3/8 Flange.....	54
37	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg.....	1
38	D-5278	Locknut - 5/16 Flange.....	4
39	W-539	Flat Washer - 1/2.....	1
40	W-525	Lockwasher - 1/2.....	1
41	W-516	Hex Nut - 1/2.....	1
42	S28159	Carriage Bolt - 3/8 x 2 1/2 Lg.....	6
43	N73675	Battery Bracket.....	1
44	N73674	Broom Holder.....	1
45	N73836	Broom.....	1
46	N42091	U-Bolt - 5/16 x 1-11/16 x 2-1/4 UL.....	1
47	D-5278	Locknut - 5/16 Flange.....	2

# Stairway Front Staircase Assembly



## Stairway - Front Staircase Assembly

Item	Part No.	Description	Qty
1	N71435	Front Staircase .....	1
2	N71405	Staircase Extension .....	1
3	N70683	Handrail - Front Staircase.....	2
4	N37622	Handrail U-Clamp.....	8
5	N55179	Step - Morris .....	8
6	N50545	Gas Spring .....	1
7	G69990	Pbag-10S- Staircase - (Includes Items Below) Whole Goods Only .....	1
8	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg .....	32
9	D12821	Carriage Bolt - 3/8 x 2 Lg .....	18
10	T-5266	Carriage Bolt - 1/2 x 1 1/4 Lg .....	2
11	W-523	Lockwasher - 3/8.....	2
12	W-514	Hex Nut - 3/8 .....	2
13	M-3388	Locknut - 3/8 Uunitorque.....	2
14	S27987	Locknut - 3/8 Flange .....	48
15	F-3405	Locknut - 1/2 Uunitorque.....	2
16	W-629	Washer - 0.616 ID x 1.312OD x 13 Ga .....	2
	N70960	Front Staircase Assembly - (Whole Goods Only)	

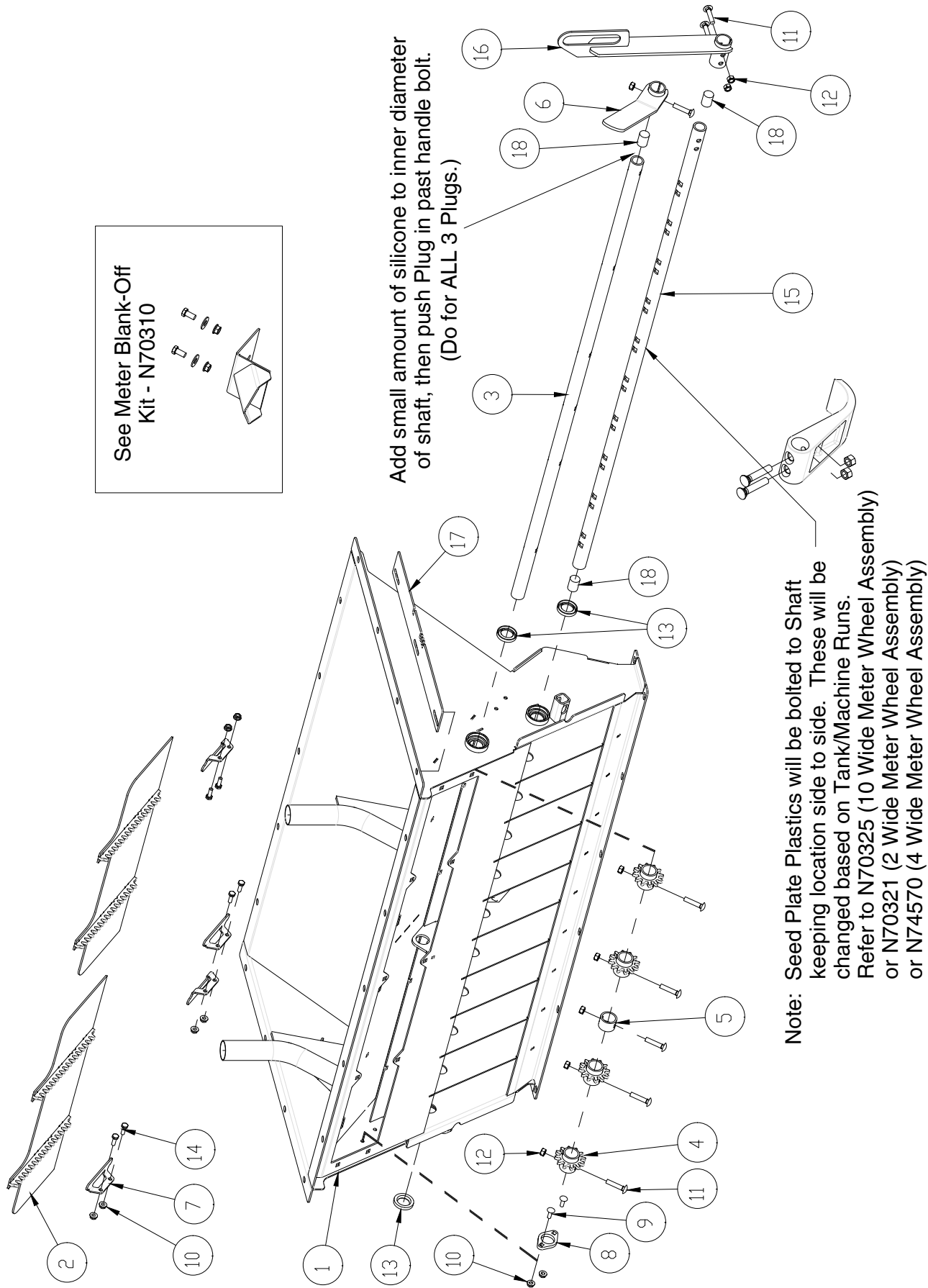
## Notes

# Section 4: Metering System

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# Meter Body Assembly Stage 1



See Meter Blank-Off Kit - N70310

Add small amount of silicone to inner diameter of shaft, then push Plug in past handle bolt.  
(Do for ALL 3 Plugs.)

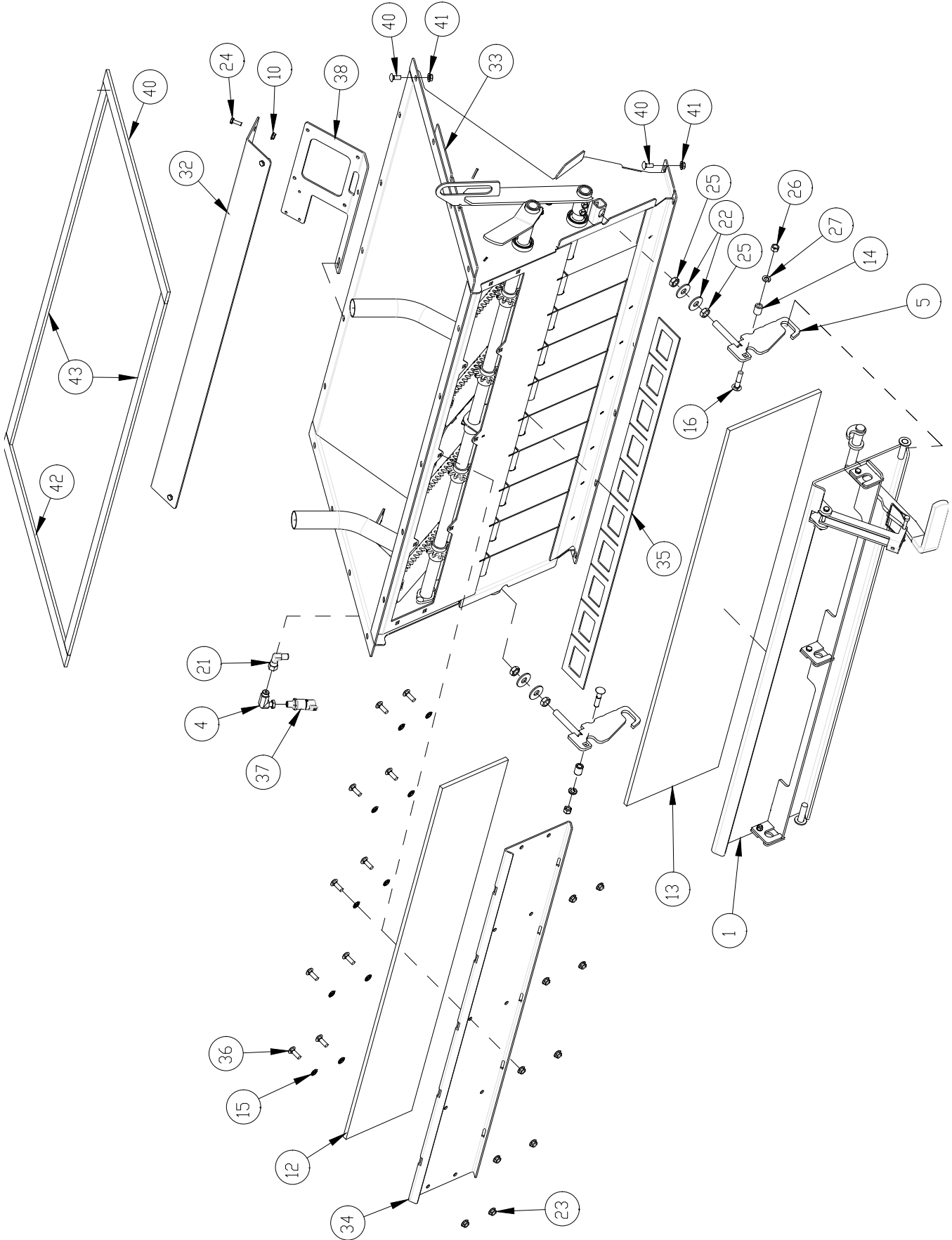
**Note:** Seed Plate Plastics will be bolted to Shaft keeping location side to side. These will be changed based on Tank/Machine Runs. Refer to N70325 (10 Wide Meter Wheel Assembly) or N70321 (2 Wide Meter Wheel Assembly) or N74570 (4 Wide Meter Wheel Assembly)

### Meter Body Assembly - Stage 1

Item	Part No.	Description	Qty
1	N68040	Meter-Body .....	1
2	N68030	Shut-Off Panel .....	2
3	N72337	Shutoff Shaft .....	1
4	N72336	Shut Off Gate Sprocket.....	4
5	N70548	Shutoff Locator .....	1
6	N70799	Shutoff Handle .....	1
7	N70766	Slider Guider.....	4
8	N72338	Seed Plate Pivot .....	1
9	D-5258	Carriage Bolt - 1/4 x 3/4 Lg.....	2
10	D-5277	Locknut - 1/4 Flanged.....	8
11	N33407	Carriage Bolt - 5/16x 1 1/2 Lg.....	8
12	C32925	Locknut - 5/16 Center Lock.....	8
13	N70558	Seal - Double Lip .....	3
14	W-469	Hex Bolt - 1/4 x 3/4 Lg .....	6
15	N72332	Seed Plate Adjustment Tube .....	1
16	N70790	Seed Plate Handle.....	1
17	N70797	10S Seed Plate Setter .....	1
18	N74303	Meter Shaft Plug .....	3
	N70320	Meter Body Assembly - (Includes All Above Items of Stage 1 and 2) Whole Goods Only	



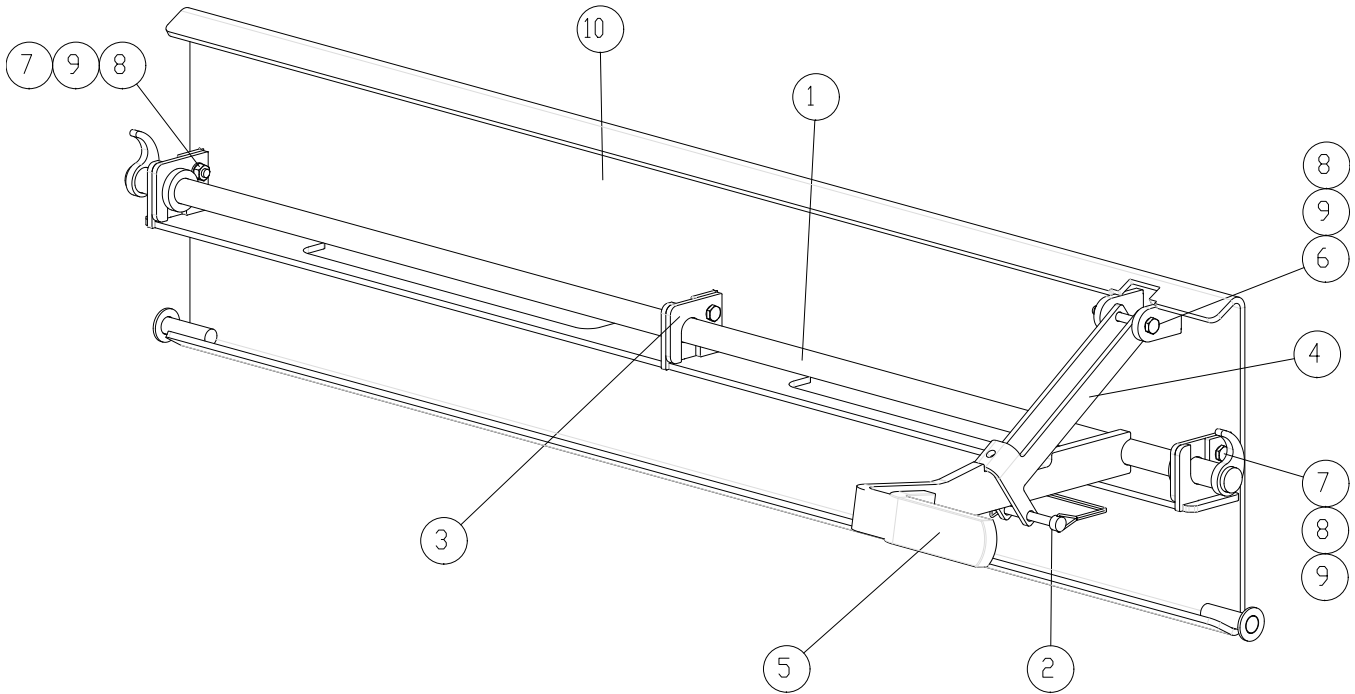
# Meter Body Assembly Stage 2



## Meter Body Assembly - Stage 2

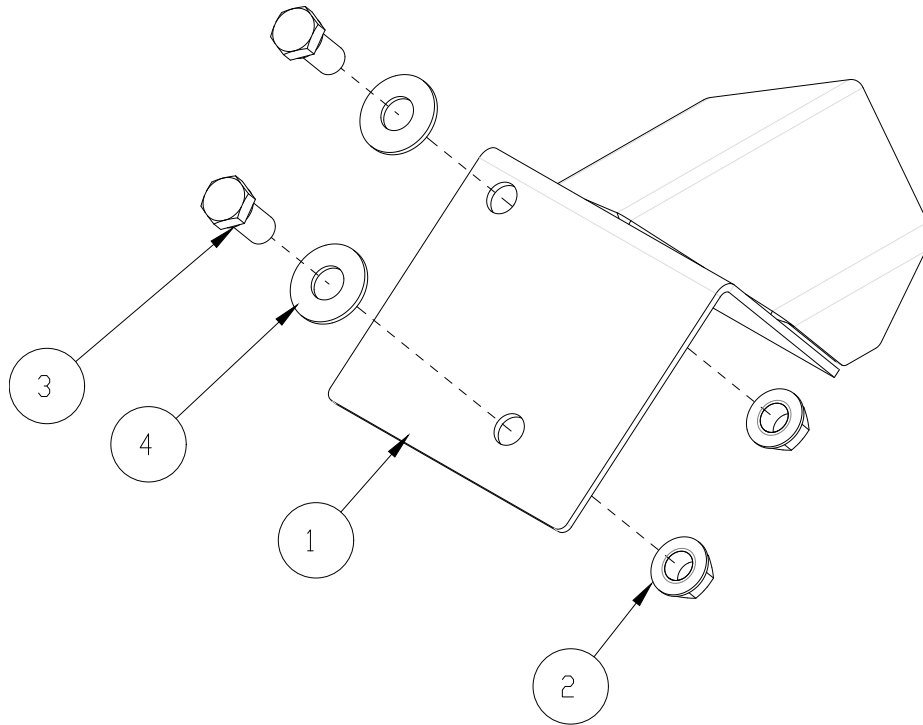
Item	Part No.	Description	Qty
1	N51995	Door Cam Lock Assembly .....	1
2	N68030	Shut-Off Panel .....	2
3	N68040	Meter-Body .....	1
4	N70540	90 Elbow - Swivel - 9/16-18 FNPT x 9/16-18 MORB .....	1
5	N70556	Clamp Assembly .....	2
6	N70790	Seed Plate Handle.....	1
7	N70799	Shutoff Handle .....	1
8	N72336	Shut Off Gate Sprocket.....	4
9	N70766	Slider Guider.....	4
10	D-5277	Locknut - 1/4 Flanged.....	12
11	N72338	Seed Plate Pivot .....	1
12	N70370	Inspection Door Seal .....	1
13	N55800	Seal Strip - 10 x 44 1/4 Lg .....	1
14	N32079	Bushing.....	2
15	N42163	Bolt Retainer .....	10
16	S31980	Carriage Bolt - 3/8 x 1 3/4 Lg.....	2
17	N33407	Carriage Bolt - 5/16x 1 1/2 Lg.....	8
18	D-5258	Carriage Bolt - 1/4 x 3/4 Lg.....	2
19	C32925	Locknut - 5/16 Center Lock.....	8
20	N70558	Seal - Double Lip .....	3
21	S29967	90 Elbow - Swivel - 9/16-18 FJIC x 9/16-18 MJIC .....	1
22	S-1925	Flat Washer - 0.531 ID x 1.062 OD x 13 GA .....	4
23	D-5278	Locknut - 5/16 Flange .....	10
24	W-469	Hex Bolt - 1/4 x 3/4 Lg .....	10
25	S-1292	Hex Jam Nut - 1/2.....	4
26	W-514	Hex Nut - 3/8.....	2
27	W-523	Lockwasher - 3/8 .....	2
28	N74303	Meter Shaft Plug .....	3
29	N72337	Shutoff Shaft .....	1
30	N72332	Seed Plate Adjustment Tube .....	1
31	N70548	Shutoff Locator .....	1
32	N68119	Deflector Panel .....	1
33	N70797	10S Seed Plate Setter .....	1
34	N70801	10S-Inspection Cover .....	1
35	N74420	Throttle Plate .....	1
36	S33420	Carriage Bolt - 5/16 x 1 Lg.....	10
37	N73023	Sensor - Pressure .....	1
38	N70405	SDB Mount .....	1
39	G69899	P-Bag - Meter Body Hardware .....	1
40	D-5259	Carriage Bolt - 5/16 x 3/4 Lg.....	30
41	D-5278	Locknut - 5/16 Flange .....	30
42	N37190	Seal Strip - 27 Lg.....	2
43	N37190	Seal Strip - 42 Lg.....	2
	N70320	Meter Body Assembly - (Includes All Above Items of Stage 1 and 2) Whole Goods Only	

## Meter Body Assembly Clean-Out Door



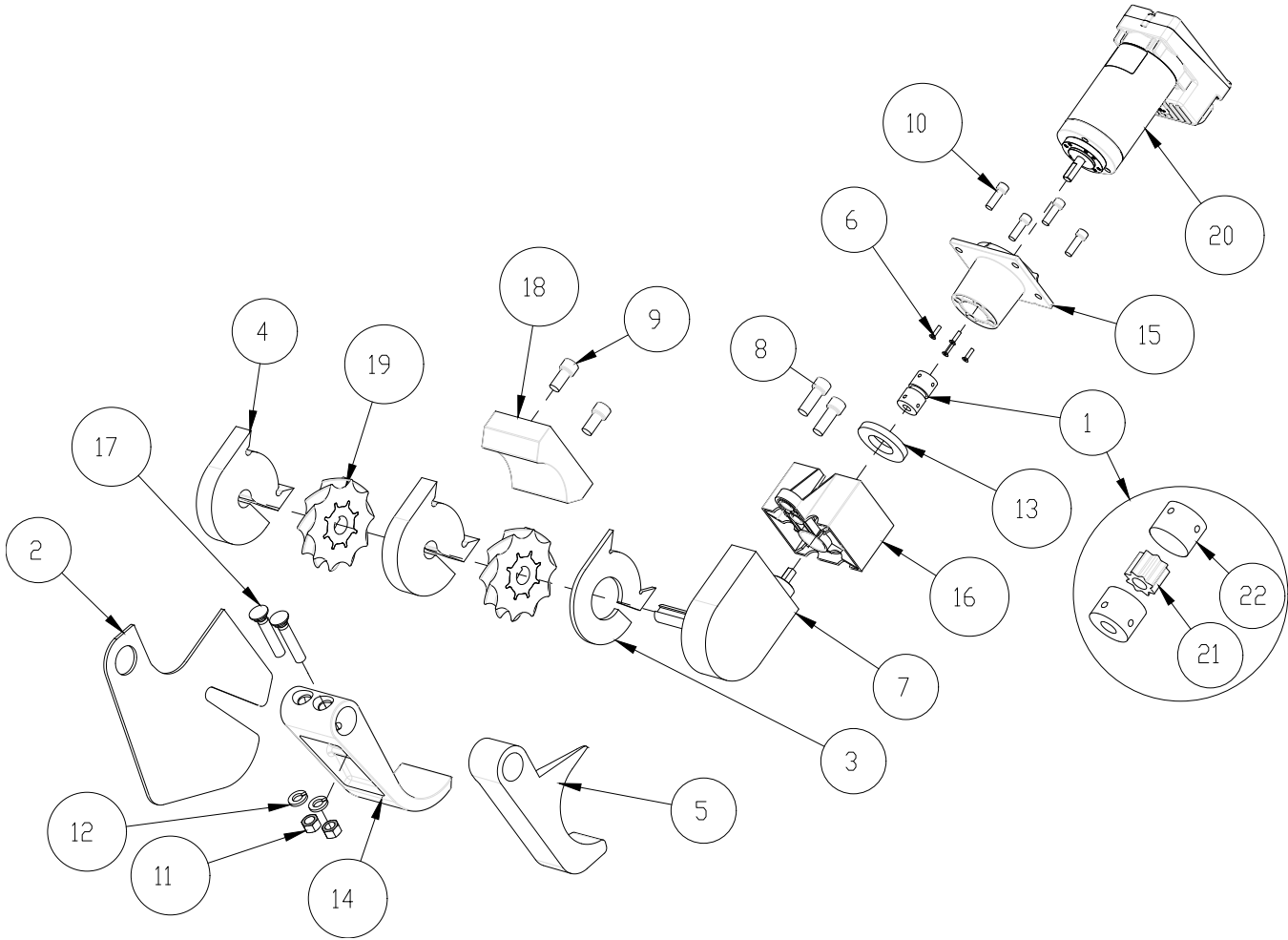
Item	Part No.	Description	Qty
1	N51533	Cam Shaft.....	1
2	N53471	Quick Pin - 1/4 x 2 1/2 Lg .....	1
3	N48612	Bearing Plate .....	3
4	N48621	Lock .....	1
5	N32769	Handle Cover.....	1
6	S45280	Hex Bolt - 1/4 x 2 1/4 Lg .....	1
7	W-469	Hex Head - 1/4 x 3/4 Lg.....	3
8	W-512	Hex Nut - 1/4.....	4
9	W-521	Lockwasher - 1/4 .....	4
10	N51530	Cleanout Door .....	1
	N51995	Door Cam Lock Assembly - (Includes All Above Items) Whole Goods Only	

## Meter Body Assembly Meter Blank-Off



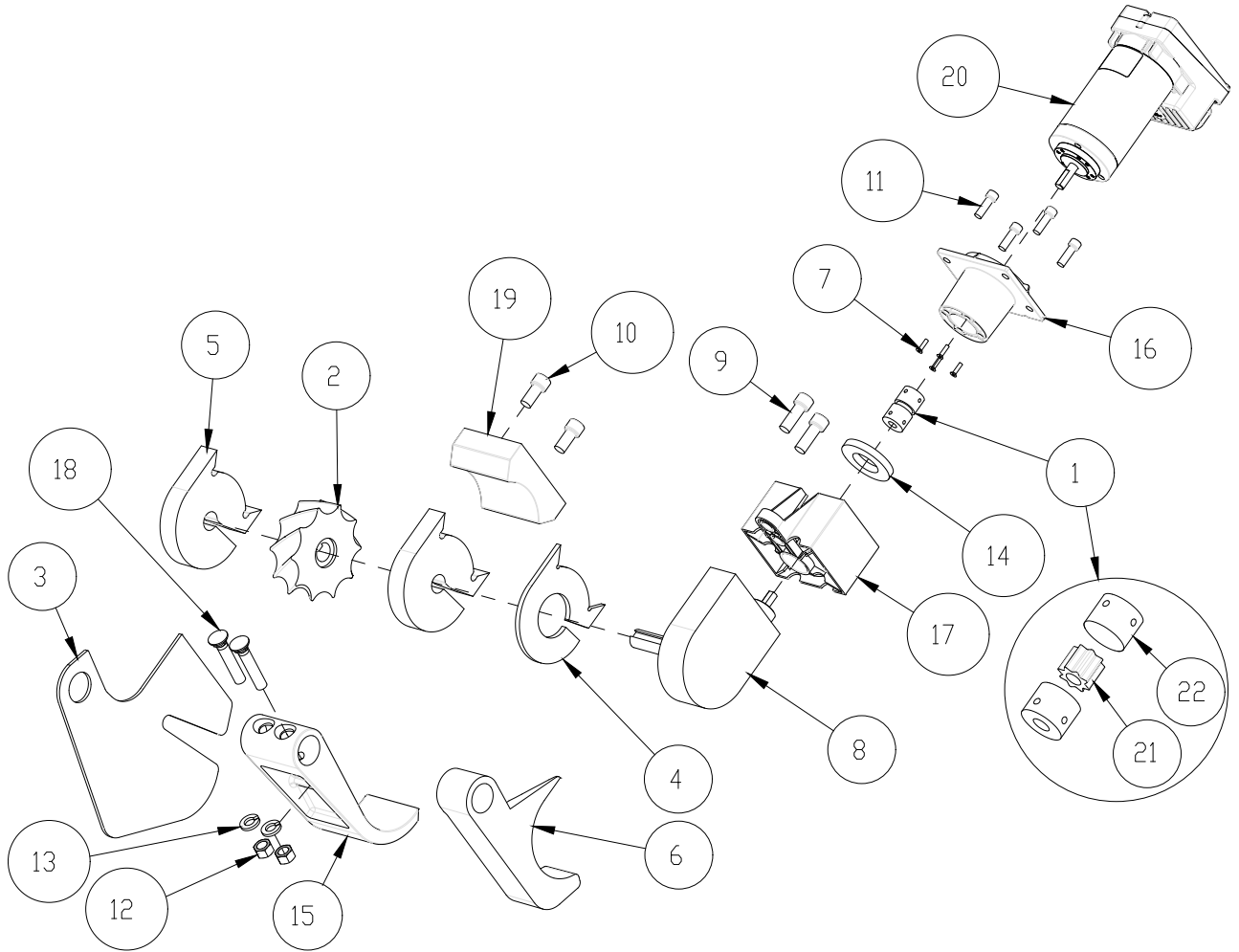
Item	Part No.	Description	Qty
1	N70794	E-Blank-Off .....	1
2	S27987	Locknut - 3/8 Flange .....	2
3	W-867	Hex Head Bolt - 3/8 x 3/4 Lg.....	2
4	W-538	Flat Washer - 7/16 ID x 1 OD x 14 Ga .....	2
	N70310	Meter Body Blank-Off Kit - (Includes All Above Items)	

## Drive Assembly 2 Wide Meter Wheel



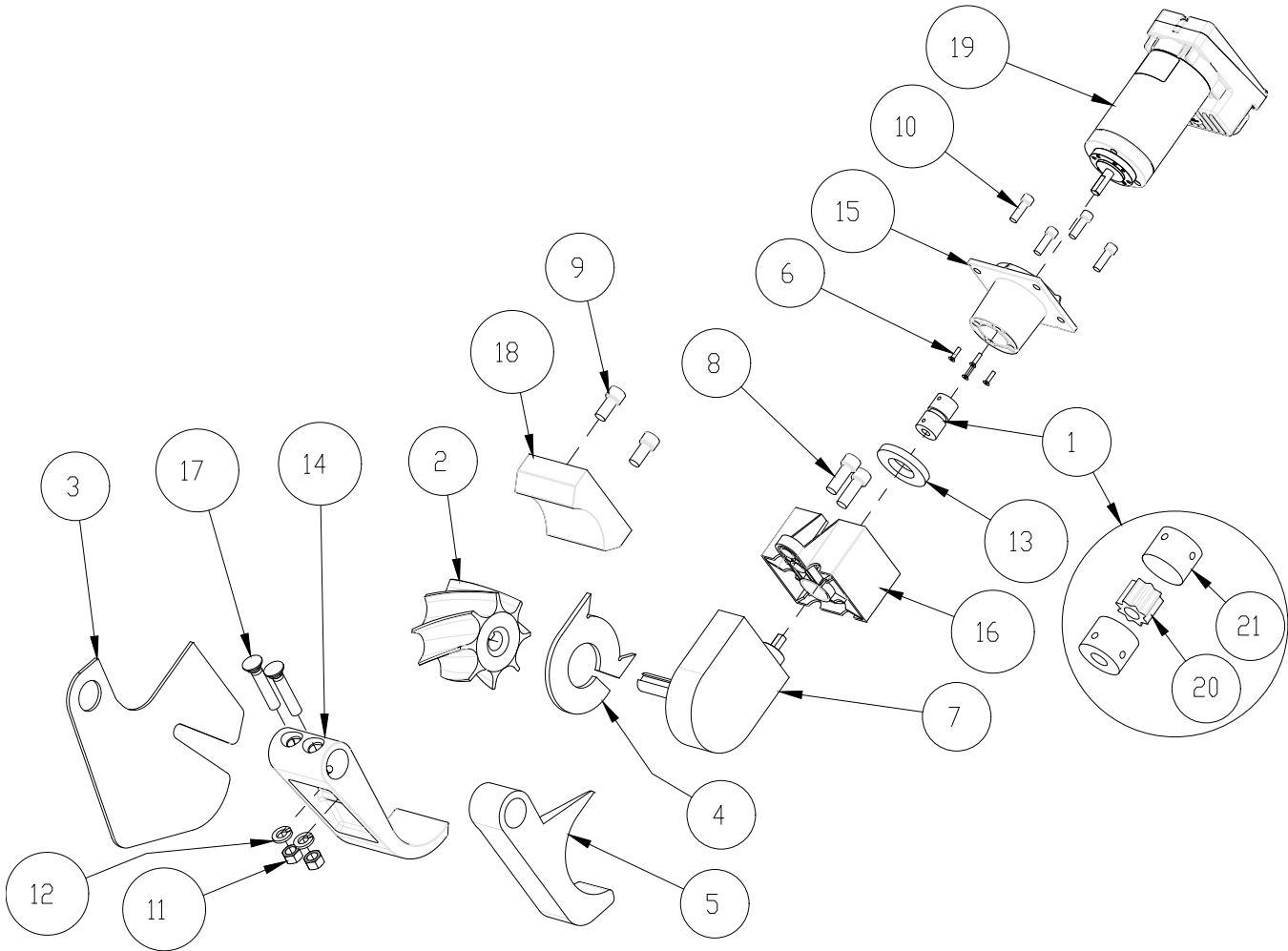
Item	Part No.	Description	Qty
1	N70539	Flex Coupler - 3 Piece - (Includes Item 21 and 22) .....	1
2	N74461	Side Wear Plate - 1/8 Wide .....	1
3	N74460	Gearbox Wear Plate - 3/16 Wide.....	1
4	N70532	2 Wide Sides - 0.739 Wide .....	2
5	N70533	Gear Box Cover .....	1
6	N70451	Hex Socket Cap Screw - M3 - 0.50 x 12 mm - Flat Head .....	4
7	N70523	Edrive Gear Box .....	1
8	N70482	Hex Socket Cap Screw - 3/8-16 x 1 Lg - (Black Oxide Finish).....	2
9	N70483	Hex Socket Cap Screw - 3/8-16 x 3/4 Lg - (Black Oxide Finish).....	2
10	N70484	Hex Socket Cap Screw - 1/4-20 x 3/4 Lg - (Black Oxide Finish).....	4
11	W-514	Hex Nut - 3/8.....	2
12	W-523	Lockwasher - 3/8 .....	2
13	N73884	Motor Base Seal .....	1
14	N72205	Seedplate .....	1
15	N70526	Motor Side Coupler.....	1
16	N70527	Motor Mount Base .....	1
17	N70488	Plow Head Bolt - 3/8 x 2 Lg .....	2
18	N70499	Cup Back.....	1
19	N70560	Fine Meter Wheel - 0.50 Wide .....	2
20	N73024	Motor DC Bushless - 24V - 8mm Shaft.....	1
21	N70552	Coupler - Spline.....	1
22	N73919	Coupler - Hub .....	2
	N73920	Motor - Pre Assembly - (Includes Items 6, 15, 20 and 1 of 22)	
	N70321	Meter Wheel Drive Assembly - (Includes All Above Items) Whole Goods Only	

## Drive Assembly 4 Wide Meter Wheel



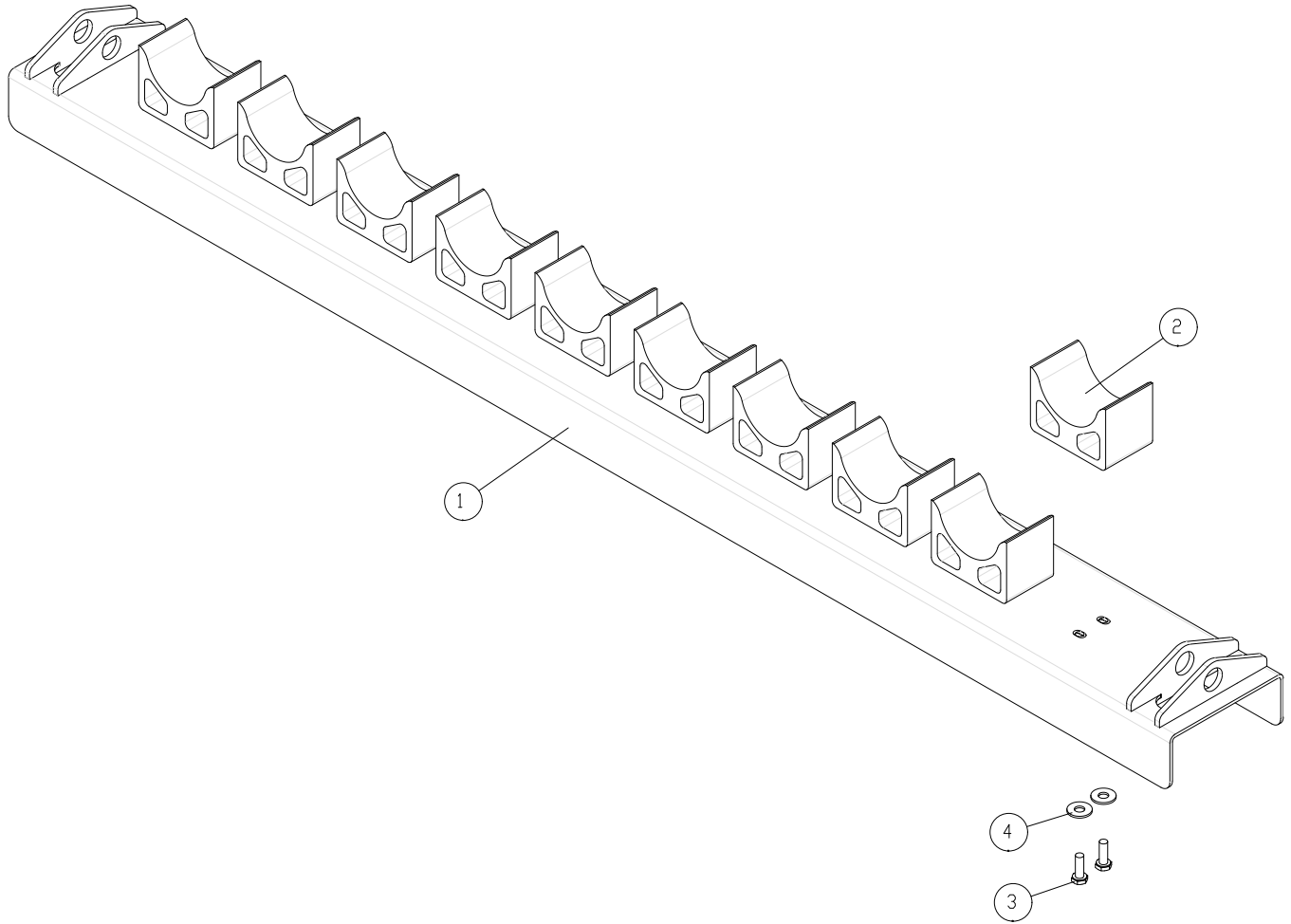
Item	Part No.	Description	Qty
1	N70539	Flex Coupler - 3 Piece - (Includes Item 21 and 22) .....	1
2	N74300	Meterwheel - 1.00 Wide - Machined.....	1
3	N74461	Side Wear Plate - 1/8 Wide .....	1
4	N74460	Gearbox Wear Plate - 3/16 Wide.....	1
5	N70532	2 Wide Sides - 0.739 Wide .....	2
6	N70533	Gear Box Cover .....	1
7	N70451	Hex Socket Cap Screw - M3 - 0.50 x 12 mm - Flat Head .....	4
8	N70523	Edrive Gear Box .....	1
9	N70482	Hex Socket Cap Screw - 3/8-16 x 1 Lg - (Black Oxide Finish).....	2
10	N70483	Hex Socket Cap Screw - 3/8-16 x 3/4 Lg - (Black Oxide Finish).....	2
11	N70484	Hex Socket Cap Screw - 1/4-20 x 3/4 Lg - (Black Oxide Finish).....	4
12	W-514	Hex Nut - 3/8.....	2
13	W-523	Lockwasher - 3/8 .....	2
14	N73884	Motor Base Seal .....	1
15	N72205	Seedplate .....	1
16	N70526	Motor Side Coupler.....	1
17	N70527	Motor Mount Base .....	1
18	N70488	Plow Head Bolt - 3/8 x 2 Lg .....	2
19	N70499	Cup Back .....	1
20	N73024	Motor DC Bushless - 24V - 8mm Shaft.....	1
21	N70552	Coupler - Spline.....	1
22	N73919	Coupler - Hub .....	2
	N73920	Motor - Pre Assembly - (Includes Items 7, 16, 20 and 1 of 21)	
	N74570	Meter Wheel Drive Assembly - (Includes All Above Items) Whole Goods Only	

## Drive Assembly 10 Wide Meter Wheel



Item	Part No.	Description	Qty
1	N70539	Flex Coupler - 3 Piece - (Includes Item 20 and 21) .....	1
2	N73800	Meterwheel - 2.50 Wide - Machined .....	1
3	N74461	Side Wear Plate - 1/8 Wide .....	1
4	N74460	Gearbox Wear Plate - 3/16 Wide.....	1
5	N70533	Gear Box Cover .....	1
6	N70451	Hex Socket Cap Screw - M3 - 0.50 x 12 mm - Flat Head .....	4
7	N70523	Edrive Gear Box .....	1
8	N70482	Hex Socket Cap Screw - 3/8-16 x 1 Lg - (Black Oxide Finish).....	2
9	N70483	Hex Socket Cap Screw - 3/8-16 x 3/4 Lg - (Black Oxide Finish).....	2
10	N70484	Hex Socket Cap Screw - 1/4-20 x 3/4 Lg - (Black Oxide Finish).....	4
11	W-514	Hex Nut - 3/8.....	2
12	W-523	Lockwasher - 3/8 .....	2
13	N73884	Motor Base Seal .....	1
14	N72205	Seedplate .....	1
15	N70526	Motor Side Coupler.....	1
16	N70527	Motor Mount Base .....	1
17	N70488	Plow Head Bolt - 3/8 x 2 Lg .....	2
18	N70499	Cup Back .....	1
19	N73024	Motor DC Bushless - 24V - 8mm Shaft.....	1
20	N70552	Coupler - Spline.....	1
21	N73919	Coupler - Hub .....	2
	N73920	Motor - Pre Assembly - (Includes Items 6, 15, 19 and 1 of 21)	
	N70325	Meter Wheel Drive Assembly - (Includes All Above Items) Whole Goods Only	

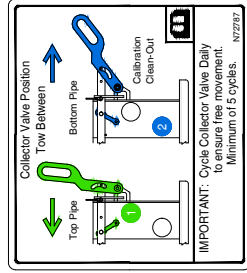
## Collector Assembly Collector Cleanout Floor Assembly



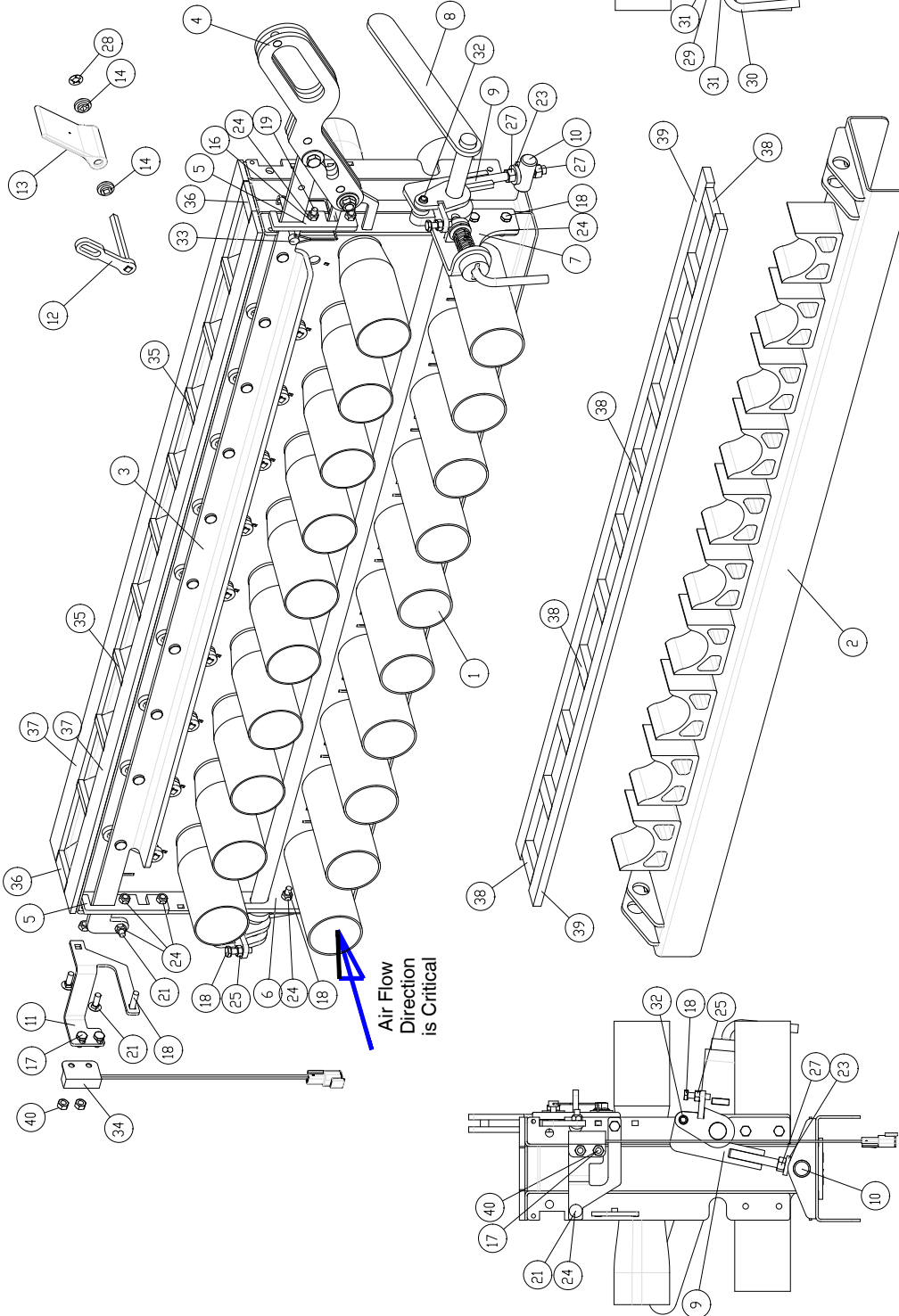
Item	Part No.	Description	Qty
1	N70807	False Floor Weldment .....	1
2	N50031	Cup .....	10
3	W-469	Hex Head - 1/4 x 3/4 Lg.....	20
4	S-1198	Washer - 5/16 ID x 3/4 OD x .065.....	20
	N70786	Collector Assembly - (Includes All Above Items) Whole Goods Only	



# Collector Assembly Tow Between



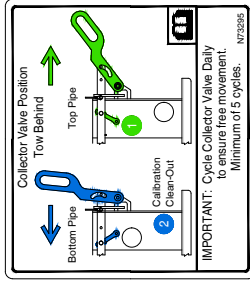
Decal Located on Meter Body



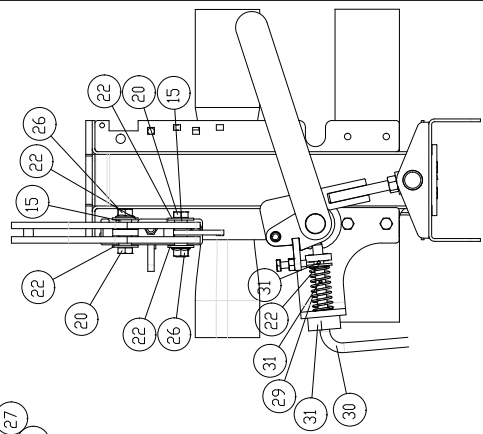
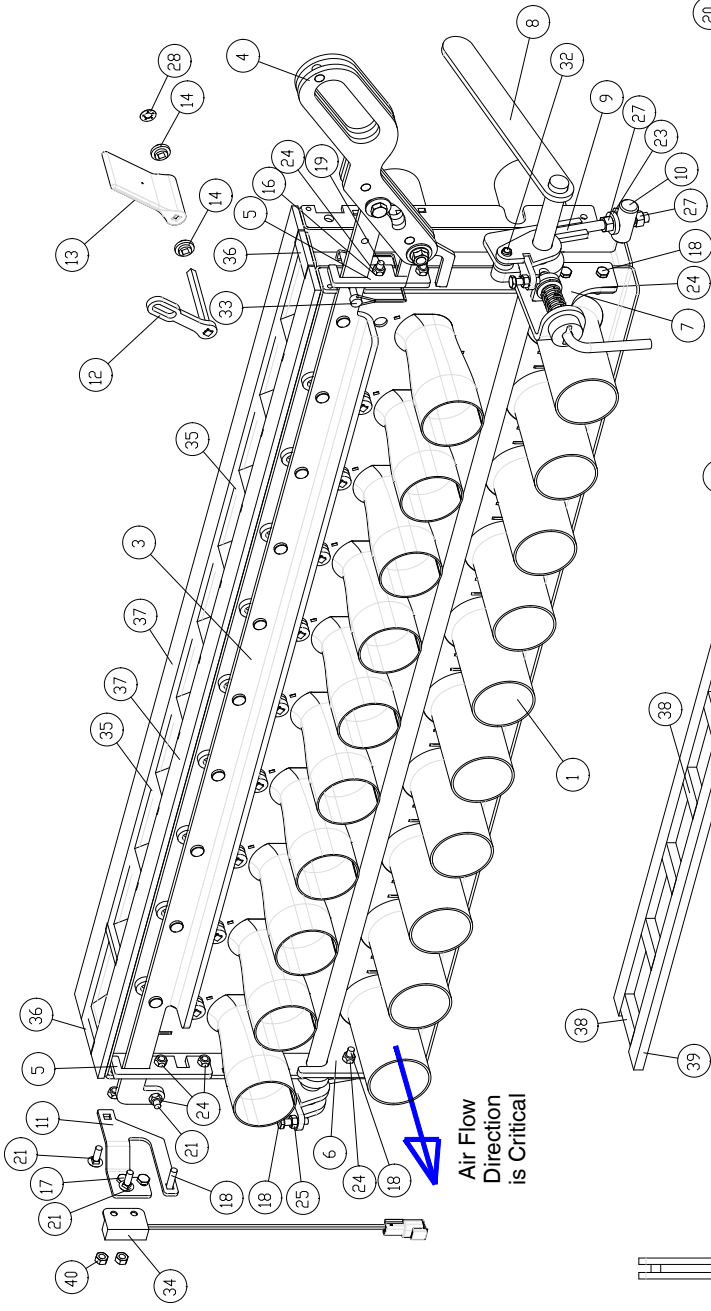
## Collector Assembly - Tow Between

Item	Part No.	Description	Qty
1	N70502	Collector Weldment.....	1
2	N70786	Collector Cleanout Floor Assmely - Whole Goods Only.....	1
3	N70564	Stream Selector Bar .....	1
4	N70569	Collector Handle .....	1
5	N70566	Trapdoor Retainer .....	2
6	N51444	Mount - Rightside Cleanout Door .....	1
7	N53098	Mount - Leftside Cleanout Door.....	1
8	N70788	Crank - Lower Cleanout Door .....	1
9	N51440	Cleanout Door Link.....	2
10	N51441	Pin - Cleanout Door Link - 3/4 Dia x 1 3/4 Lg .....	2
<b>11</b>	<b>N70367</b>	<b>Sensor Mount - Tow Between .....</b>	<b>1</b>
12	N37646	Flapper Handle Assembly.....	10
13	N36114	Collector Valve Flap .....	10
14	N37917	Bushing.....	20
15	N70565	Spacer - 0.39 ID x 0.048 Wall x 1 Lg .....	2
16	N70531	10S Collector Spacer - 0.310 ID x 0.500 OD x 5/16 Lg .....	2
17	N36142	<b>Nylon</b> Hex Bolt - 1/4 x 7/8 Lg .....	2
18	W-1552	Hex Bolt - 1/4 x 1 Lg .....	7
19	W-470	Hex Bolt - 1/4 x 1 1/4 Lg .....	2
20	W-477	Hex Bolt - 3/8 x 1 1/2 Lg .....	2
21	D-5258	Carriage Bolt - 1/4 x 3/4 Lg.....	3
22	W-538	Flat Washer - 7/16 ID x 1 OD x 14 Ga .....	5
23	D-5500	Flat Washer - 3/8 ID x 7/8 OD x 7Ga .....	2
24	N22778	Locknut - 1/4 Nylon Insert.....	10
25	W-512	Hex Nut - 1/4.....	4
26	D-5279	Locknut - 3/8 Flanged.....	2
27	W-514	Hex Nut - 3/8.....	4
28	N42163	Bolt Retainer .....	10
29	N11847	Spring - 19/32 ID x 0.7188 OD x 1 3/4 Lg.....	1
30	N40688	Lock Pin.....	1
31	N11457	Spring Pin - 1/8 x 3/4 Lg .....	3
32	N53014	Spiral Pin - 3/8 x 1 Lg .....	2
33	N53471	Quick Pin - 1/4 x 2 1/2 Lg .....	1
34	N59885	Sensor .....	1
35	N37190	Seal Strip Split In Four - 11/32 Wide x 2 Lg .....	9
36	N37190	Seal Strip Split In Two - 11/16 Wide x 2 Lg.....	2
37	N37190	Seal Strip - Collector Body - 44 Lg .....	2
38	N19449	Seal Strip - Collector Bottom - 2 Lg .....	11
39	N19449	Seal Strip - Collector Bottom - 43 Lg .....	2
40	N36143	<b>Nylon</b> Locknut - 1/4.....	2
	<b>N70460</b>	<b>Collector Assembly - Tow Between - (Includes All Above Items) Whole Goods Only</b>	
	<b>N72787</b>	<b>Decal - Collector Valve Position - Tow Between</b>	

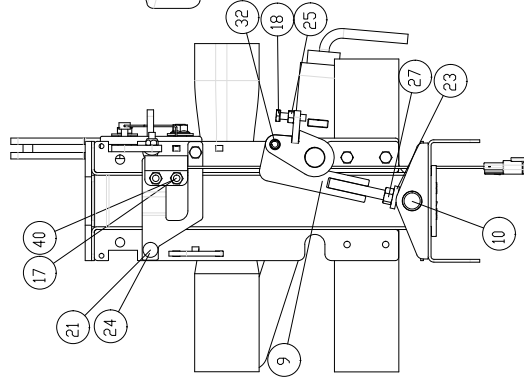
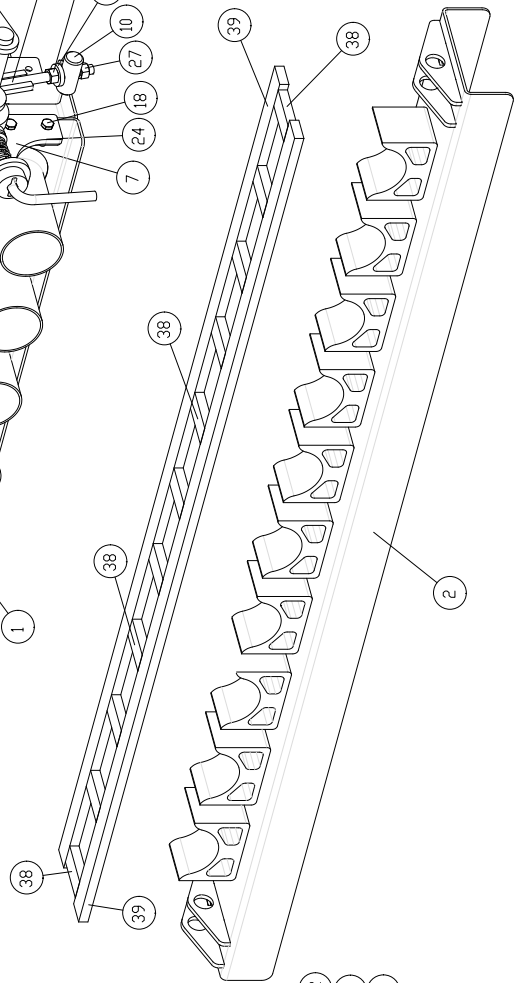
# Collector Assembly Tow Behind



Decal Located on Meter Body



LEFT SIDE VIEW

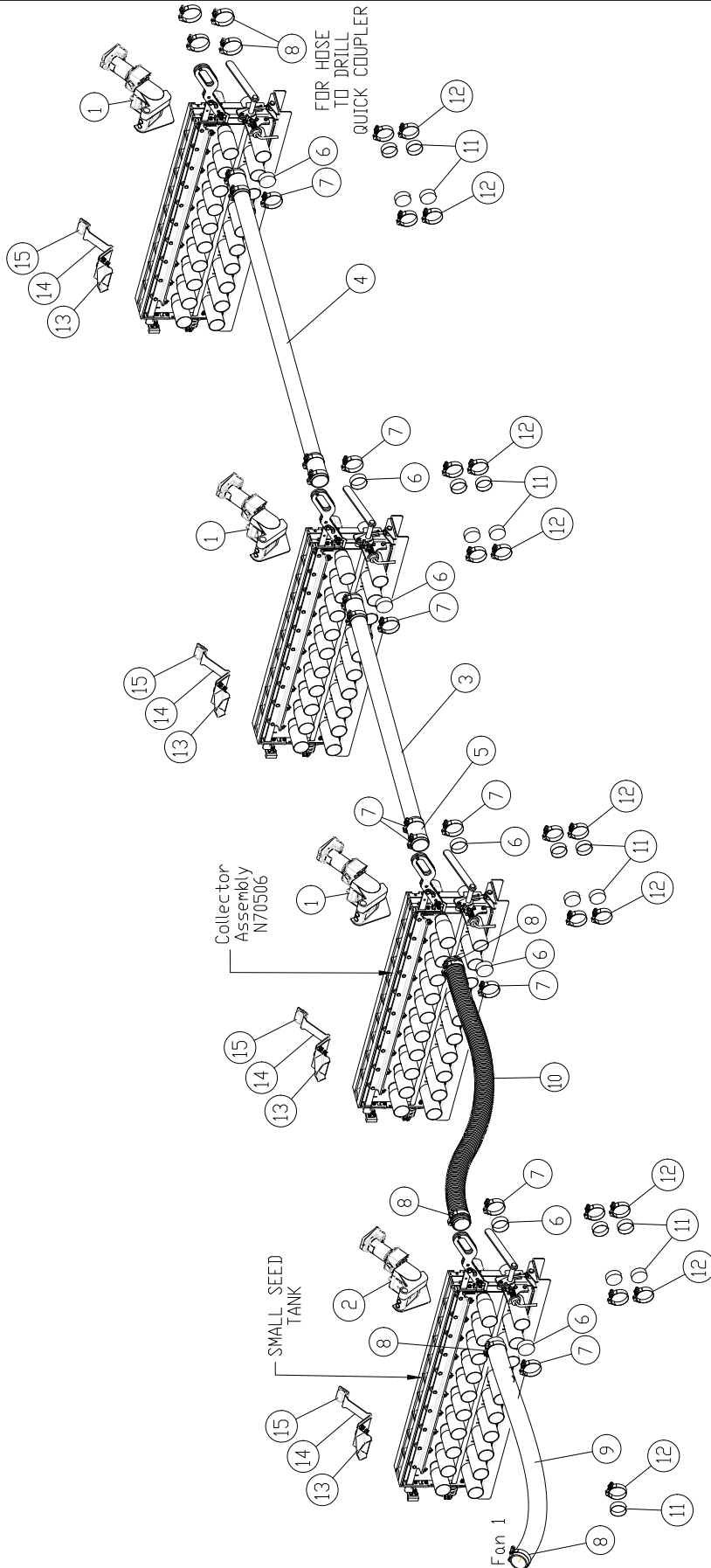


RIGHT SIDE VIEW

## Collector Assembly - Tow Behind

Item	Part No.	Description	Qty
1	N70502	Collector Weldment.....	1
2	N70786	Collector Cleanout Floor Assmely - Whole Goods Only.....	1
3	N70564	Stream Selector Bar .....	1
4	N70569	Collector Handle .....	1
5	N70566	Trapdoor Retainer .....	2
6	N51444	Mount - Rightside Cleanout Door .....	1
7	N53098	Mount - Leftside Cleanout Door.....	1
8	N70788	Crank - Lower Cleanout Door .....	1
9	N51440	Cleanout Door Link.....	2
10	N51441	Pin - Cleanout Door Link - 3/4 Dia x 1 3/4 Lg .....	2
<b>11</b>	<b>N70541</b>	<b>Sensor Mount - Tow Behind .....</b>	<b>1</b>
12	N37646	Flapper Handle Assembly.....	10
13	N36114	Collector Valve Flap .....	10
14	N37917	Bushing.....	20
15	N70565	Spacer - 0.39 ID x 0.048 Wall x 1 Lg .....	2
16	N70531	10S Collector Spacer - 0.310 ID x 0.500 OD x 5/16 Lg .....	2
17	N36142	<b>Nylon</b> Hex Bolt - 1/4 x 7/8 Lg .....	2
18	W-1552	Hex Bolt - 1/4 x 1 Lg .....	7
19	W-470	Hex Bolt - 1/4 x 1 1/4 Lg .....	2
20	W-477	Hex Bolt - 3/8 x 1 1/2 Lg .....	2
21	D-5258	Carriage Bolt - 1/4 x 3/4 Lg.....	3
22	W-538	Flat Washer - 7/16 ID x 1 OD x 14 Ga .....	5
23	D-5500	Flat Washer - 3/8 ID x 7/8 OD x 7Ga .....	2
24	N22778	Locknut - 1/4 Nylon Insert.....	10
25	W-512	Hex Nut - 1/4.....	4
26	D-5279	Locknut - 3/8 Flanged.....	2
27	W-514	Hex Nut - 3/8.....	4
28	N42163	Bolt Retainer .....	10
29	N11847	Spring - 19/32 ID x 0.7188 OD x 1 3/4 Lg.....	1
30	N40688	Lock Pin.....	1
31	N11457	Spring Pin - 1/8 x 3/4 Lg .....	3
32	N53014	Spiral Pin - 3/8 x 1 Lg .....	2
33	N53471	Quick Pin - 1/4 x 2 1/2 Lg .....	1
34	N59885	Sensor .....	1
35	N37190	Seal Strip Split In Four - 11/32 Wide x 2 Lg .....	9
36	N37190	Seal Strip Split In Two - 11/16 Wide x 2 Lg.....	2
37	N37190	Seal Strip - Collector Body - 44 Lg .....	2
38	N19449	Seal Strip - Collector Bottom - 2 Lg .....	11
39	N19449	Seal Strip - Collector Bottom - 43 Lg .....	2
40	N36143	<b>Nylon</b> Locknut - 1/4.....	2
	<b>N70506</b>	<b>Collector Assembly - Tow Behind - (Includes All Above Items) Whole Goods Only</b>	
	<b>N73295</b>	<b>Decal - Collector Valve Position - Tow Behind</b>	

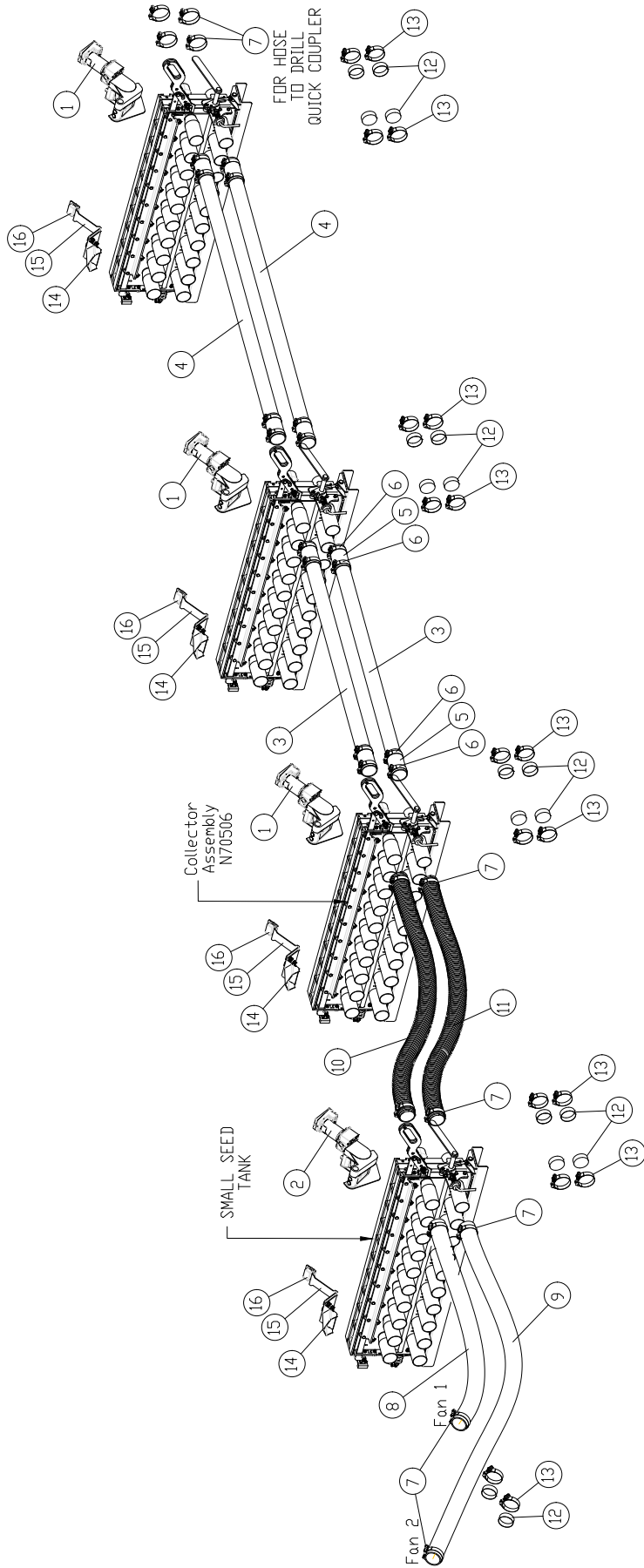
# Distribution Pipes Tow Between - Single Shoot



**Distribution Pipes - Tow Between - Single Shoot**

Item	Part No.	Description	Qty
<b>All parts listed per section below is for 1 individual run (From fan to drill coupling hose)</b>			
1	*****	Meter Wheel Drive Assembly - 10 Wide .....	3
2	*****	Meter Wheel Drive Assembly - Small Seeds .....	1
3	N70938	Distribution Pipe - 49 Lg - 820 and 1050 Cart.....	1
	N62412	Distribution Pipe - 42 3/4 Lg - 660 Cart .....	1
4	N70934	Distribution Pipe - 62-1/2 Lg - 820 and 1050 Cart .....	1
	N64030	Distribution Pipe - 53 Lg - 660 Cart .....	1
5	N19428	Primary Pipe Coupler.....	4
6	N11907	Plastic Cap.....	8
7	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	16
8	N73076	T-Bolt Hose Clamp - 3 Nom .....	6
9	N69294	2-1/2 Dia Primary Hose - Black Coil x 48 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 48 Lg - 660 Cart.....	1
10	N69294	2-1/2 Dia Primary Hose - Black Coil x 60 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 52 Lg - 660 Cart.....	1
<b>All parts listed below are for 1 unused run (From fan to drill coupling hose)</b>			
11	N11907	Plastic Cap.....	17
12	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	17
13	N70310	Meterbody Blank.....	4
14	N74249	Motor Loop Cap Bracket.....	4
15	N74248	Motor Sync Loop Cap .....	4
<b>Whole Goods Only</b>			
	<b>N73402</b>	<b>Kit Primary Run Single Shoot - Tow Between - 820 and 1050 - (Includes Items 1 to 7</b>	
	<b>N73593</b>	<b>Kit Primary Run Single Shoot - Tow Between - 620 - (Includes Items 1 to 7)</b>	
	<b>N73408</b>	<b>Kit Primary Blank-Off Dual Shoot - (Includes Items 11 to 15)</b>	

# Distribution Pipes Tow Between - Dual Shot



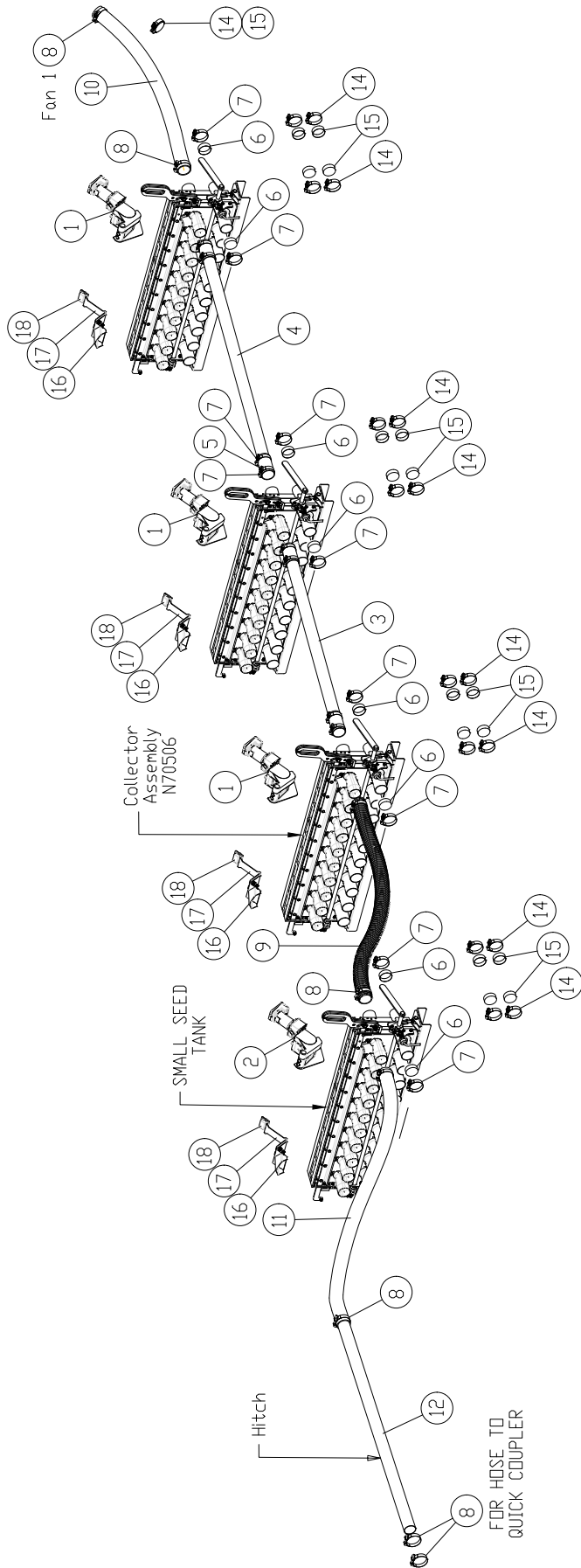


**Distribution Pipes - Tow Between - Dual Shoot**

Item	Part No.	Description	Qty
<b>All parts listed per section below is for 1 individual run (From fan to drill coupling hose)</b>			
1	*****	Meter Wheel Drive Assembly - 10 Wide .....	3
2	*****	Meter Wheel Drive Assembly - Small Seeds .....	1
3	N70938	Distribution Pipe - 49 Lg - 820 and 1050 Cart.....	2
	N62412	Distribution Pipe - 42 3/4 Lg - 660 Cart .....	2
4	N70934	Distribution Pipe - 62-1/2 Lg - 820 and 1050 Cart .....	2
	N64030	Distribution Pipe - 53 Lg - 660 Cart .....	2
5	N19428	Primary Pipe Coupler.....	8
6	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	16
7	N73076	T-Bolt Hose Clamp - 3 Nom .....	12
8	N69294	2-1/2 Dia Primary Hose - Black Coil x 48 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 48 Lg - 660 Cart.....	1
9	N72592	2-1/2 Dia Primary Hose - Red Coil x 85 Lg - 820 and 1050 Cart .....	1
	N72592	2-1/2 Dia Primary Hose - Red Coil x 85 Lg - 660 Cart.....	1
10	N69294	2-1/2 Dia Primary Hose - Black Coil x 60 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 52 Lg - 660 Cart.....	1
11	N72592	2-1/2 Dia Primary Hose - Red Coil x 60 Lg - 820 and 1050 Cart .....	1
	N72592	2-1/2 Dia Primary Hose - Red Coil x 52 Lg - 660 Cart.....	1
<b>All parts listed below are for 1 unused run (From fan to drill coupling hose)</b>			
12	N11907	Plastic Cap.....	18
13	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	18
14	N70310	Meterbody Blank.....	4
15	N74249	Motor Loop Cap Bracket.....	4
16	N74248	Motor Sync Loop Cap .....	4
<b>Whole Goods Only</b>			
	<b>N73403</b>	<b>Kit Primary Run Dual Shoot - Tow Between - 820 and 1050 - (Includes Items 1 to 7)</b>	
	<b>N73594</b>	<b>Kit Primary Run Dual Shoot - Tow Between - 620 - (Includes Items 1 to 7)</b>	
	<b>N73409</b>	<b>Kit PrimaryBlank-Off Dual Shoot - (Includes Items 12 to 16)</b>	



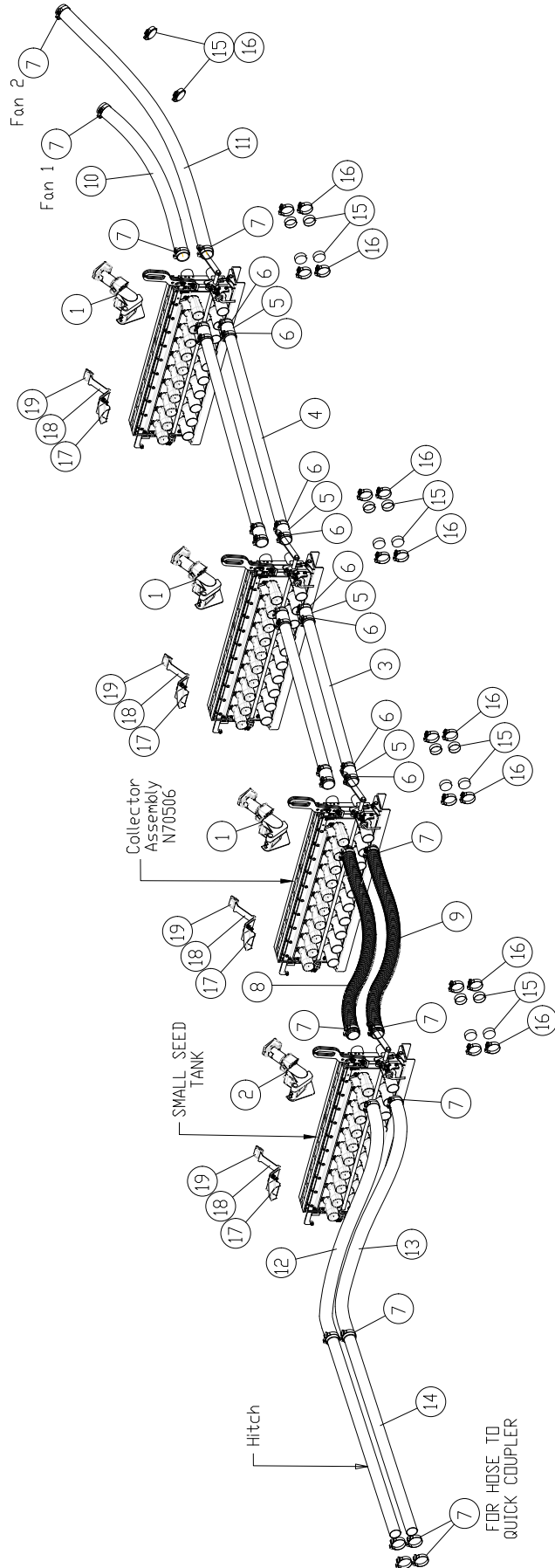
# Distribution Pipes Tow Behind - Single Shoot



**Distribution Pipes - Tow Behind - Single Shoot**

Item	Part No.	Description	Qty
<b>All parts listed per section below is for 1 individual run (From fan to drill coupling hose)</b>			
1	*****	Meter Wheel Drive Assembly - 10 Wide .....	3
2	*****	Meter Wheel Drive Assembly - Small Seeds .....	1
3	N70938	Distribution Pipe - 49 Lg - 820 and 1050 Cart.....	1
	N62412	Distribution Pipe - 42 3/4 Lg - 660 Cart .....	1
4	N70934	Distribution Pipe - 62-1/2 Lg - 820 and 1050 Cart .....	1
	N64030	Distribution Pipe - 53 Lg - 660 Cart .....	1
5	N19428	Primary Pipe Coupler.....	4
6	N11907	Plastic Cap.....	8
7	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	16
8	N73076	T-Bolt Hose Clamp - 3 Nom .....	8
9	N69294	2-1/2 Dia Primary Hose - Black Coil x 60 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 52 Lg - 660 Cart.....	1
10	N69294	2-1/2 Dia Primary Hose - Black Coil x 65 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 65 Lg - 660 Cart.....	1
11	N69294	2-1/2 Dia Primary Hose - Black Coil x 180 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 180 Lg - 660 Cart.....	1
12	N70934	Distribution Pipe - 62-1/2 Lg - 660, 820 and 1050 Cart .....	1
<b>All parts listed below are for 1 unused run (From fan to drill coupling hose)</b>			
14	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	17
15	N11907	Plastic Cap.....	17
16	N70310	Meterbody Blank.....	4
17	N74249	Motor Loop Cap Bracket.....	4
18	N74248	Motor Sync Loop Cap .....	4
<b>Whole Goods Only</b>			
	<b>N73400</b>	<b>Kit Primary Run Single Shoot - Tow Behind - 820 and 1050 - (Includes Items 1-8 &amp; 12)</b>	
	<b>N73591</b>	<b>Kit Primary Run Single Shoot - Tow Behind - 660 - (Includes Items 1 to 8 &amp; 12)</b>	
	<b>N73408</b>	<b>Kit Primary Blank-Off Dual Shoot - (Includes Items 14 to 18)</b>	

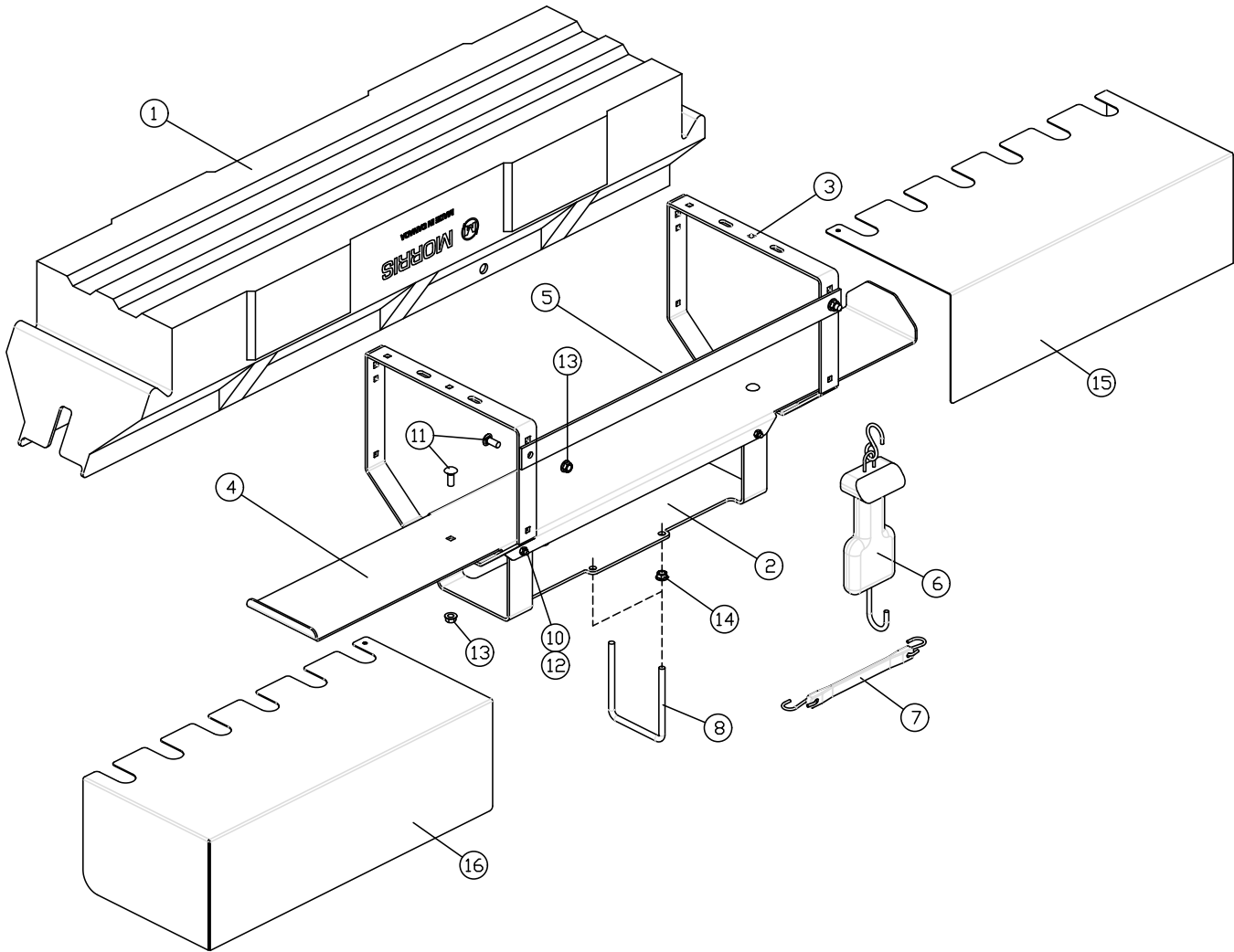
# Distribution Pipes Tow Behind - Dual Shot



## Distribution Pipes - Tow Behind - Dual Shoot

Item	Part No.	Description	Qty
<b>All parts listed per section below is for 1 individual run (From fan to drill coupling hose)</b>			
1	*****	Meter Wheel Drive Assembly - 10 Wide .....	3
2	*****	Meter Wheel Drive Assembly - Small Seeds .....	1
3	N70938	Distribution Pipe - 49 Lg - 820 and 1050 Cart.....	2
	N62412	Distribution Pipe - 42 3/4 Lg - 660 Cart .....	2
4	N70934	Distribution Pipe - 62 1/2 Lg - 820 and 1050 Cart.....	2
	N64030	Distribution Pipe - 53 Lg - 660 Cart .....	2
5	N19428	Primary Pipe Coupler - 2.52 ID x 2.77 OD x 5 Lg. ....	8
6	N73068	T-Bolt Hose Clamp - 2 3/4 Nom .....	16
7	N73076	T-Bolt Hose Clamp - 3 Nom .....	16
8	N69294	2-1/2 Dia Primary Hose - Black Coil x 60 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 52 Lg - 660 Cart.....	1
9	N72592	2-1/2 Dia Primary Hose - Red Coil x 60 Lg - 820 and 1050 Cart .....	1
	N72592	2-1/2 Dia Primary Hose - Red Coil x 52 Lg - 660 Cart.....	1
10	N69294	2-1/2 Dia Primary Hose - Black Coil x 65 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 65 Lg - 660 Cart.....	1
11	N72592	2-1/2 Dia Primary Hose - Red Coil x 101 Lg - 820 and 1050 Cart.....	1
	N72592	2-1/2 Dia Primary Hose - Red Coil x 101 Lg - 660 Cart .....	1
12	N69294	2-1/2 Dia Primary Hose - Black Coil x 180 Lg - 820 and 1050 Cart.....	1
	N69294	2-1/2 Dia Primary Hose - Black Coil x 180 Lg - 660 Cart.....	1
13	N72592	2-1/2 Dia Primary Hose - Red Coil x 180 Lg - 820 and 1050 Cart .....	1
	N72592	2-1/2 Dia Primary Hose - Red Coil x 180 Lg - 660 Cart .....	1
14	N70934	Distribution Pipe - 62 1/2 Lg - 660, 820 and 1050 Cart.....	2
<b>All parts listed below are for 1 unused run (From fan to drill coupling hose)</b>			
15	N11907	Plastic Cap.....	18
16	N73068	T-Bolt Hose Clamp - 2-3/4 Nom .....	18
17	N70310	Meterbody Blank.....	4
18	N74249	Motor Loop Cap Bracket.....	4
19	N74248	Motor Sync Loop Cap .....	4
<b>Whole Goods Only</b>			
	<b>N73401</b>	<b>Kit Primary Run Dual Shoot - Tow Behind - 820 and 1050 - (Includes Items 1 to 7 &amp; 14)</b>	
	<b>N73592</b>	<b>Kit Primary Run Dual Shoot - Tow Behind - 660 - (Includes Items 1 to 7 and 14)</b>	
	<b>N73409</b>	<b>Kit Primary Blank-Off Dual Shoot - (Includes Items 15 to 19)</b>	

# Metering Calibration Tray

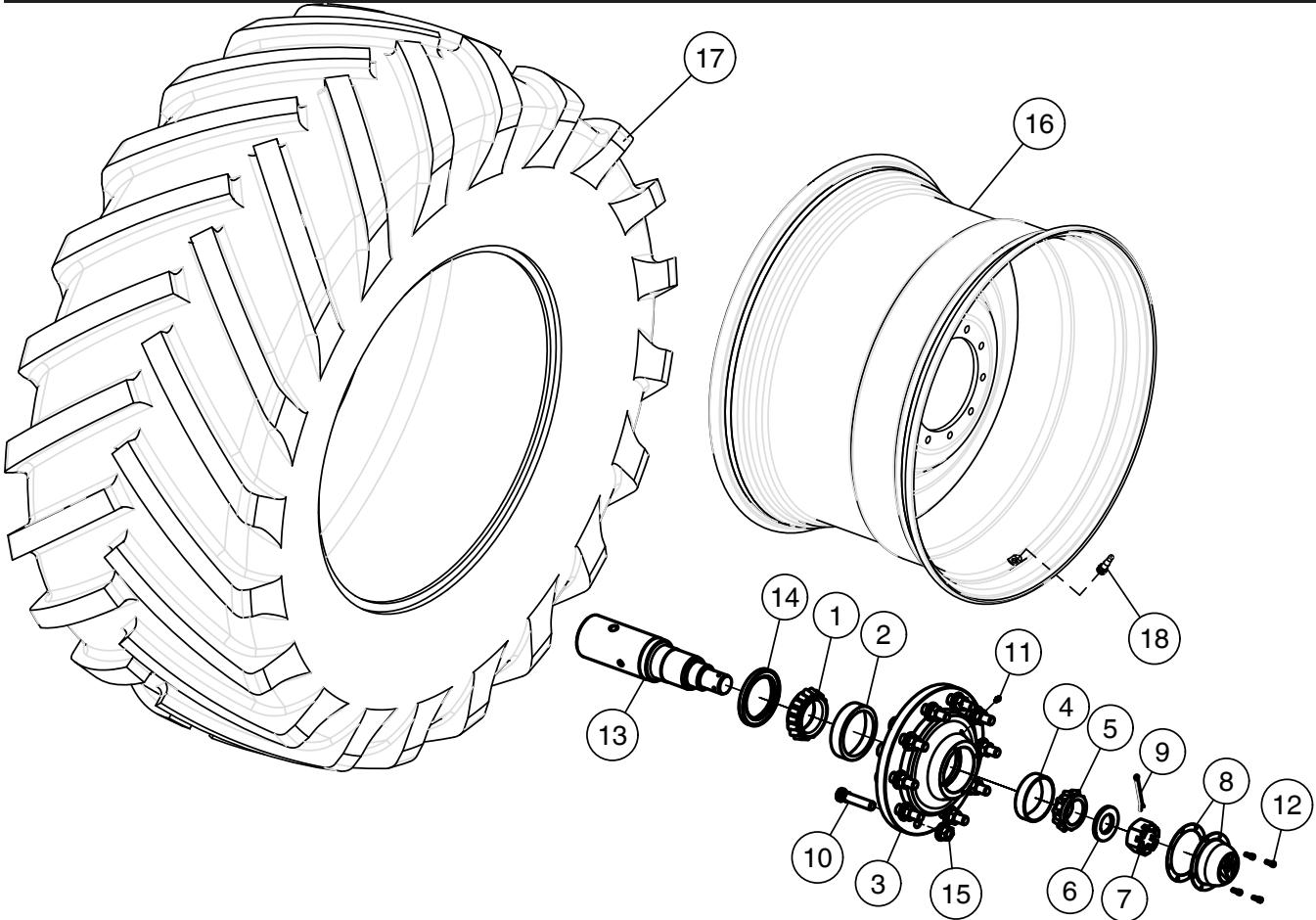


Item	Part No.	Description	Qty
1	N51790	Sample Collection Tray .....	1
2	N70434	Calbox Mount Base .....	1
3	N37183	Bracket.....	2
4	N51789	Retainer Plate - Sample Tray.....	1
5	N37829	Sampe Tray Strap .....	1
6	N42220	Digital Hanging Scale .....	1
7	N19563	Tarp Strap - 10" .....	1
8	N15098	U-Bolt - 3/8 x 4 x 4 UL .....	2
9	G69983	Pbag-10S - Sample Collector Tray - (Includes Items Below) Whole Goods Only .....	1
10	D-5258	Carriage Bolt - 1/4 x 3/4 Lg.....	4
11	D-5259	Carriage Bolt - 5/16 x 3/4 Lg.....	4
12	N22778	Locknut - 1/4 Nylon Insert.....	4
13	D-5278	Locknut - 5/16 Serrated .....	4
14	S27987	Locknut - 3/8 Flange.....	4
15	N73058	Meter Motor Wash Cover - Left .....	1
16	N73059	Meter Motor Wash Cover - Right.....	1
	N70435	Calibration Tray Assembly - (Includes All Above Items) Whole Goods Only	

# Section 5: Wheel & Hub

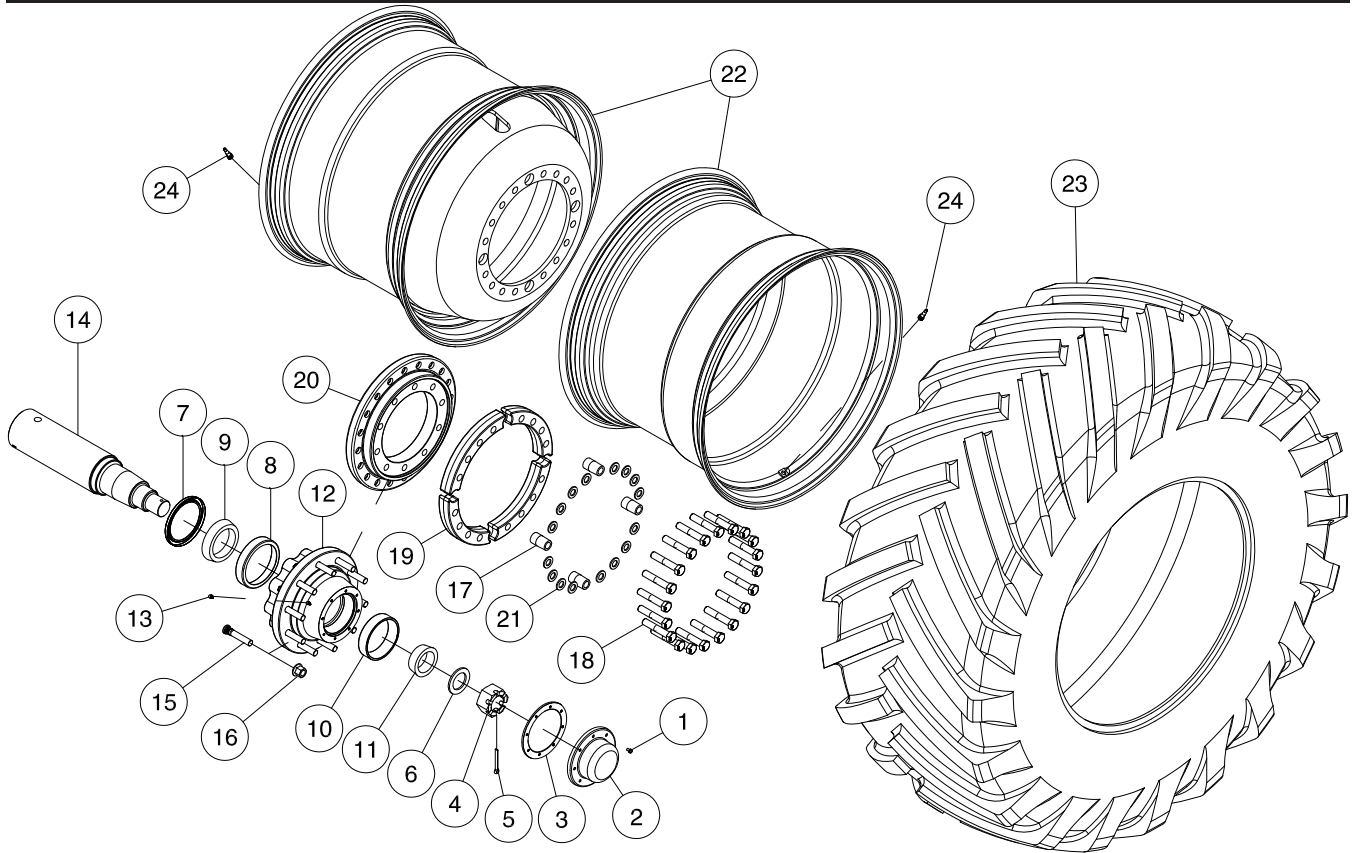
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660 and Optional on 820.....	5-3
820 and 1050 .....	5-4

## Hub & Tire Front Axle



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
16	N70524	Rim - 38 x DW27B - Single - (10 bolt-22mm Studs).....	1
	N71254	Rim - 42 x DW27B - Single - (10 bolt-22mm Studs) .....	1
17	N71474	Tire - VF800/70R38 - Trelleborg - (660 and 820 Standard) .....	1
	N71253	Tire - IF900/60R42 CFO - SFT - Mitas - (820 Optional - 1050 Standard).....	1
18	N13968	Valve Stem - TR618A .....	1
	N70874	Hub and Spindle Assembly - (Includes Items 1 to 15)	
	N70553	Tire & Rim Assembly -VF800/70R38 - LT - Single - Whole Goods Only	
	N70554	Tire & Rim Assembly -VF800/70R38 - RT - Single - Whole Goods Only	
	N71252	Tire & Rim Assembly -IF900/60R42CFO - LT - Single - Whole Goods Only	
	N71256	Tire & Rim Assembly -IF900/60R42CFO - RT - Single - Whole Goods Only	

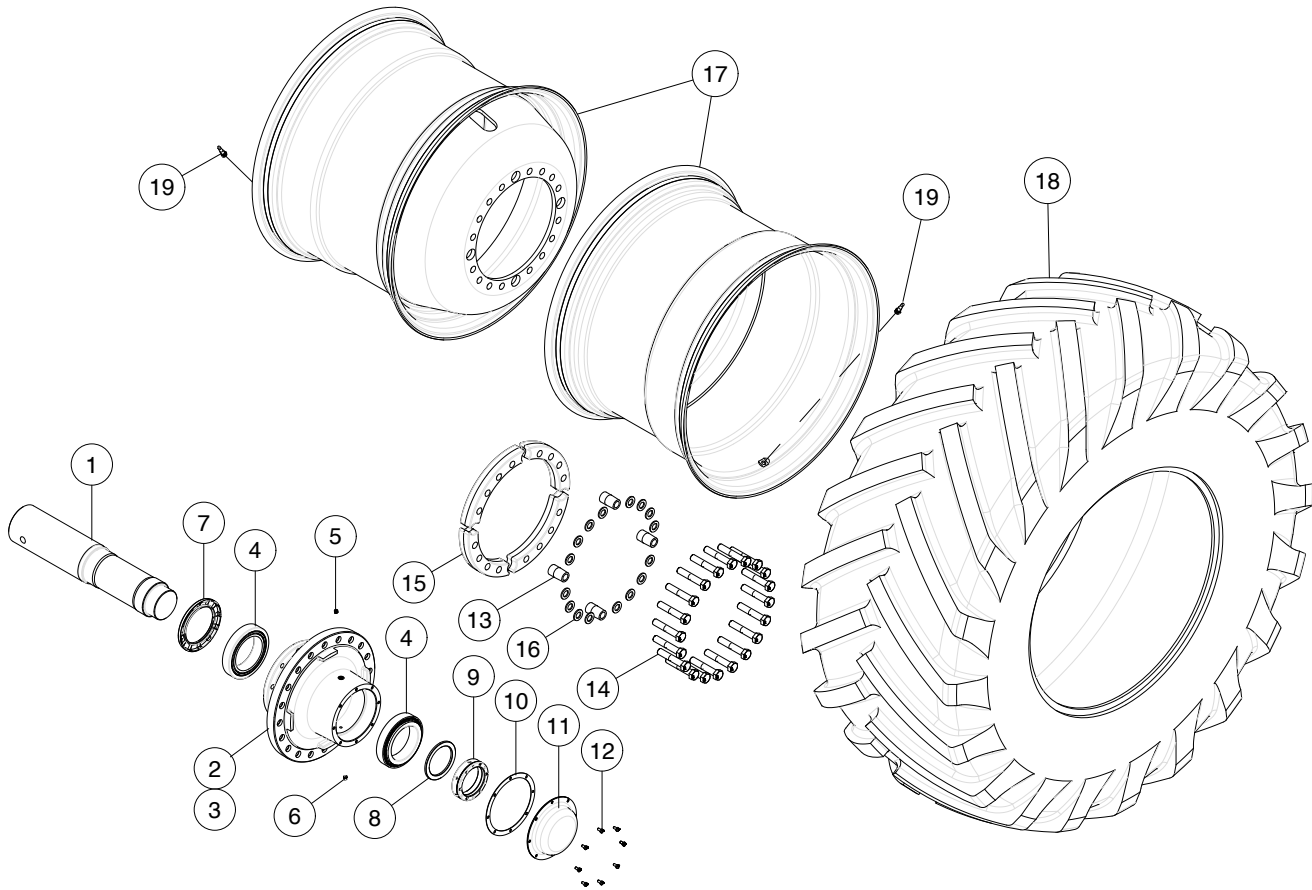
## Rear Hub & Tire 660



Item	Part No.	Description	Qty
* Quantities Listed Are For One Axle			
1	D-5247	Hex Bolt - 5/16 x 1/2 Lg.....	8
2	N55215	Dust Cap .....	1
3	N55216	Rubber Gasket.....	1
4	N55207	Slotted Hex Nut - 2 1/2 - 12 UN.....	1
5	N55209	Spring Pin - 3/8 x 4 Lg .....	1
6	N55208	Flatwasher - 4 1/2 OD x 2 5/8 ID x 1/4 Thick .....	1
7	N55210	Dust Seal .....	1
8	N55211	Inner Bearing Cup.....	1
9	N55212	Inner Bearing Cone .....	1
10	N55213	Outer Bearing Cup .....	1
11	N55214	Outer Bearing Cone .....	1
12	N55202	Hub Assembly - 10 Bolt - 35,000 lb (Includes Items 8, 10, 13 & 15) .....	1
13	N55204	Grease Fitting - Press In (Not Shown).....	1
14	N55206	Spindle - 6 Diameter .....	1
15	N55221	Press-In Wheel Stud - M22 x 1.5 Thread x 118mm Lg - Gr. 10.9 .....	10
16	N55218	Flange Wheel Nut - M22 x 1.5 Securex Flange Nut - Gr 10.9 .....	10
17	N71469	Hub Adapter Alignment Bushing .....	4
18	N71471	Hex Bolt - M24-3.00 x 130mm Lg Gr10.9.....	20
19	N71473	Hub Adapter Spacer Segment .....	4
20	N71475	Dual Wheel Hub Adapter.....	1
21	N71476	Washer M24 Hardened .....	16
22	N71470	Dual Rim - 38 x DW27B - (20 bolts).....	2
23	N71474	Tire - VF800/70R38 - Trelleborg.....	2
24	N13968	Valve Stem - TR618A .....	1
	N71428	Dual Wheel Hub Adapter Assembly - (Includes Items 17 to 21 for only 1 hub)	
	N55225	Hub & Spindle Assembly (Includes Items 1 to 16)	
	N71427	Tire & Rim Assembly -VF800/70R38 - LT - Dual - Whole Goods Only	
	N71429	Tire & Rim Assembly -VF800/70R38 - RT - Dual - Whole Goods Only	



## Rear Hub & Spindle 820 and 1050



Item	Part No.	Description	Qty
		* Quantities Listed Are For One Axle	
1	N71039	Spindle.....	1
2	N71040	Hub Assembly - 20 Bolt - 65,000 lb - (Includes Items 3 to 6).....	1
3	N71041	Hub Casting - 20 Bolt - 65,000 lb.....	1
4	N71042	Bearing Assembly.....	2
5	N71043	Relief Fitting.....	1
6	C-304	Grease Fitting.....	1
7	N71038	Dust Seal.....	1
8	N71037	Washer.....	1
9	N71036	Lock Nut.....	1
10	N71034	Dust Cap Gasket.....	1
11	N71044	Dust Cap.....	1
12	N71033	Bolt - M8 x 16 mm.....	8
13	N71469	Hub Adapter Alignment Bushing.....	4
14	N71471	Hex Bolt - M24-3.00 x 130mm Lg Gr10.9.....	20
15	N71473	Hub Adapter Spacer Segment.....	4
16	N71476	Washer M24 Hardened.....	16
17	N71470	Rim - 38 x DW27B - Dual - (20 bolt).....	2
	N71251	Rim - 42 x DW27B - Dual - (20 bolt).....	2
18	N71474	Tire - VF800/70R38 - Trelleborg - (820 Standard).....	2
	N71253	Tire - IF900/60R42 CFO - SFT - Mitas - (820 Optional - 1050 Standard).....	2
19	N13968	Valve Stem - TR618A.....	2
	N71035	Hub + Spindle Assembly - 60K - (Includes Items 1 to 12) Whole Goods Only.....	1
	N71032	Dual Wheel Hardware Kit - 60K Hub - (Includes Items 13 to 16).....	2
	N71427	Tire & Rim Assembly -VF800/70R38 - LT - Dual - Whole Goods Only	
	N71429	Tire & Rim Assembly -VF800/70R38 - RT - Dual - Whole Goods Only	
	N71250	Tire & Rim Assembly -IF900/60R42CFO - LT - Single - Whole Goods Only	
	N71255	Tire & Rim Assembly -IF900/60R42CFO - RT - Single - Whole Goods Only	

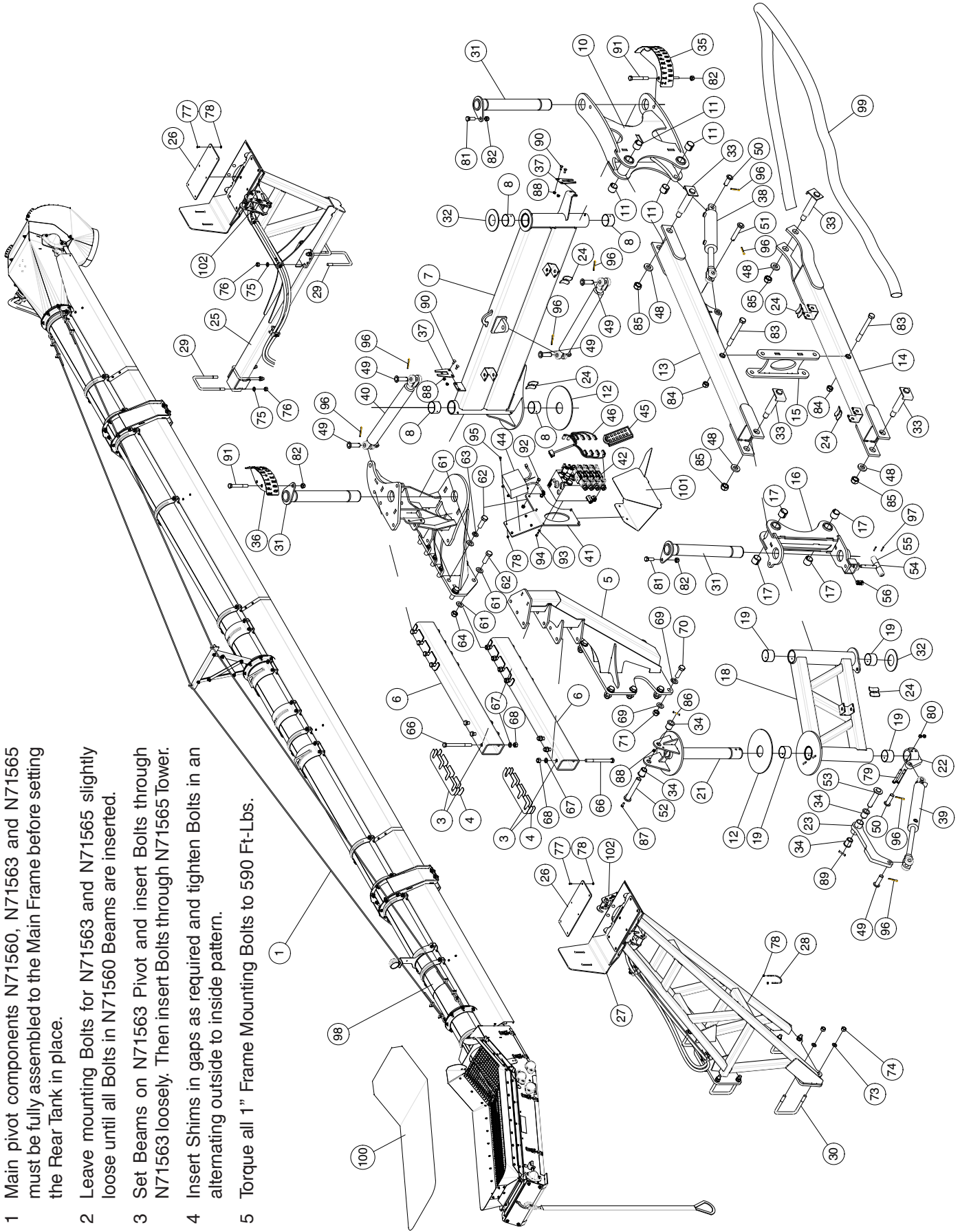
# Section 6: Conveyor

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# Conveyor System - N69963 Arms

- 1 Main pivot components N71560, N71563 and N71565 must be fully assembled to the Main Frame before setting the Rear Tank in place.
- 2 Leave mounting Bolts for N71563 and N71565 slightly loose until all Bolts in N71560 Beams are inserted.
- 3 Set Beams on N71563 Pivot and insert Bolts through N71563 loosely. Then insert Bolts through N71565 Tower.
- 4 Insert Shims in gaps as required and tighten Bolts in an alternating outside to inside pattern.
- 5 Torque all 1" Frame Mounting Bolts to 590 Ft-Lbs.



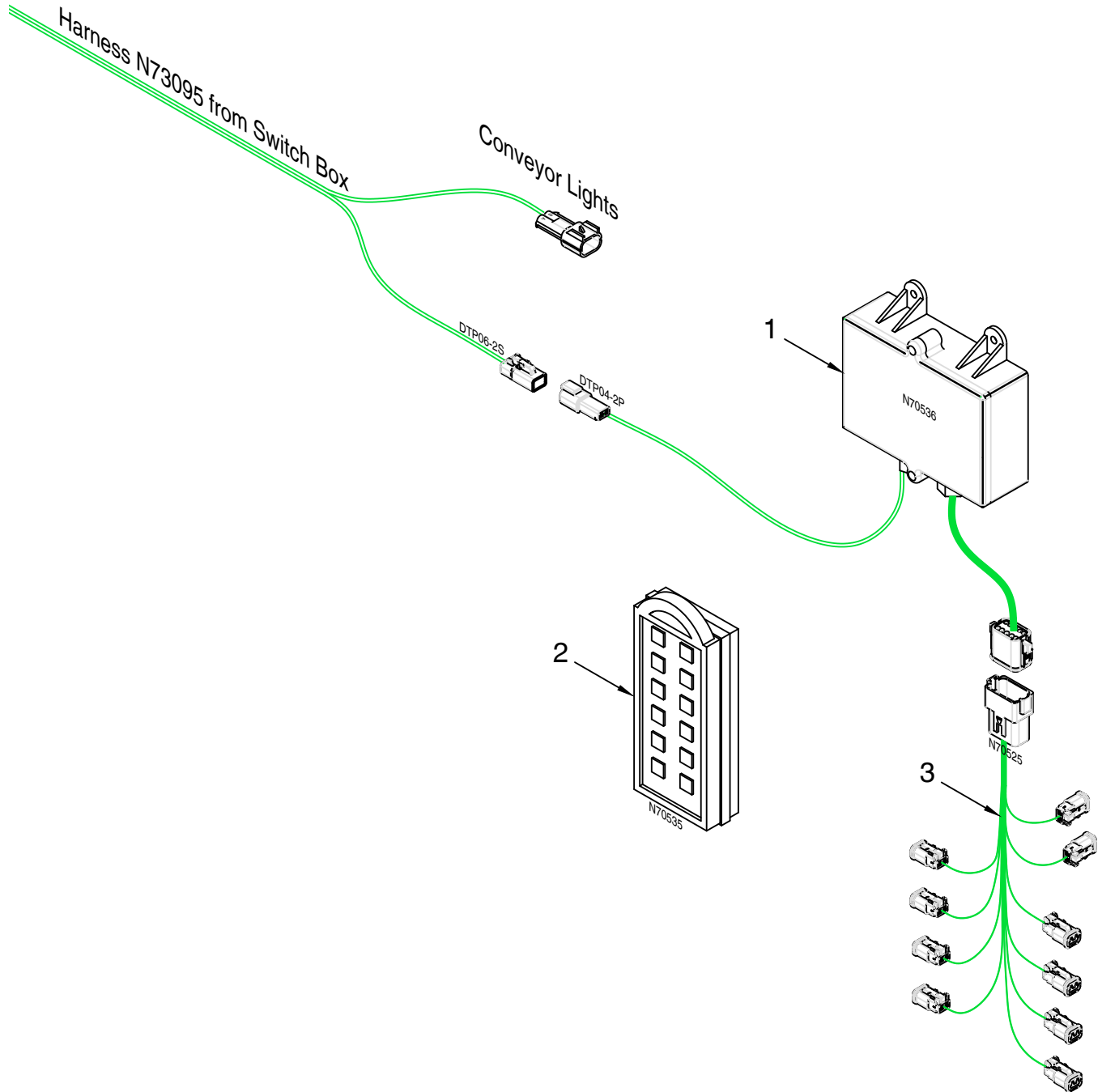
## Conveyor System - Arms

Item	Part No.	Description	Qty
1	N69490	Conveyor Assembly.....	1
2	N71563	Conveyor Pivot Brkt.....	1
3	N71333	Shim Plate - 16Ga.....	8
4	N71573	Shim Plate - 12Ga.....	4
5	N71565	Conveyor Pivot Stand.....	1
6	N71560	Support Tube .....	2
7	N71525	Conveyor Inner Arm .....	1
8	S64944	Castor Pivot Bushing.....	4
9	S-752	Grease Fitting.....	4
10	N71530	Outer Arm Pivot.....	1
11	S64325	Spring Bushing.....	4
12	S64210	Castor Wear Disc .....	2
13	N71535	Outer Arm Lift Tube - Upper .....	1
14	N71540	Outer Arm Lift Tube - Lower .....	1
15	N71555	Outer Arm Stabilizer .....	1
16	N71545	Wrist Pivot .....	1
17	S64325	Spring Bushing.....	4
18	N71550	Conveyor Wrist Joint.....	1
19	S64944	Castor Pivot Bushing.....	4
20	S-752	Grease Fitting.....	4
21	N71575	Conveyor Pivot Clevis .....	1
22	N71246	Cylinder Clevis Collar.....	1
23	N71243	Floating Lug - Conveyor.....	1
24	N60937	Hose Holder Cap .....	5
25	N71285	Rear Cradle.....	1
26	N71110	Cradle Pad .....	2
27	N71275	Front Cradle .....	1
28	N15096	U-Bolt - 1/4 x 2 9/16 Dia x 3 1/2 UL .....	1
29	S39649	U-Bolt - 5/8 x 4 x 7 3/4 UL.....	4
30	S64958	U-Bolt - 3/4 x 6 x 6 1/4 UL.....	4
31	N71580	Conveyor Pivot Pin.....	3
32	N71145	Wear Pad .....	2
33	N71135	Arm Pivot Pin .....	4
34	C18510	Bushing - Nylon.....	4
35	N71130	Swing Gauge - Outer .....	1
36	N71120	Swing Gauge - Inner .....	1
37	N71142	Conveyor Arm Gauge Plate.....	2
38	C55740	Cylinder - 3 x 10 - Lift (Seal Kit C60622).....	1
39	C47335	Cylinder - 2 1/2 x 14 - Tilt (Seal Kit C51993) .....	1
40	C47188	Cylinder - 2 1/2 x 18 - Swing Arms (Seal Kit C51992).....	2
41	N69747	Manifold Mount .....	1
42	N70485	Conveyor Control Manifold.....	1
43	N70530	Kit - Conveyor Control - 10 Function - (Includes Items Below) Whole Goods Only .....	1
44	N70536	Lodar Receiver - 9210Rx .....	1
45	N70535	Lodar Remote - 10 Function.....	1
46	N70525	Conveyor Control Harness .....	1
47	G69942	Pbag-10S-Convey-Pltd-Pins-Wash - (Includes Items Below) Whole Goods Only .....	1
48	S26462	Spacer Washer.....	4
49	N47700	Pin - Cylinder .....	5
50	W-558	Pin - 1 x 2 1/4 UL .....	2
51	N71138	Pin - 1 x 4 7/8 UL .....	1
52	N36830	Auger Pivot Pin .....	1
53	S39658	Pin - 1 1/4 x 5 1/8 UL .....	1
54	N55685	Lock Pin - Auger Saddle .....	1
55	N37049	Round Grip.....	2

## Conveyor - Arms

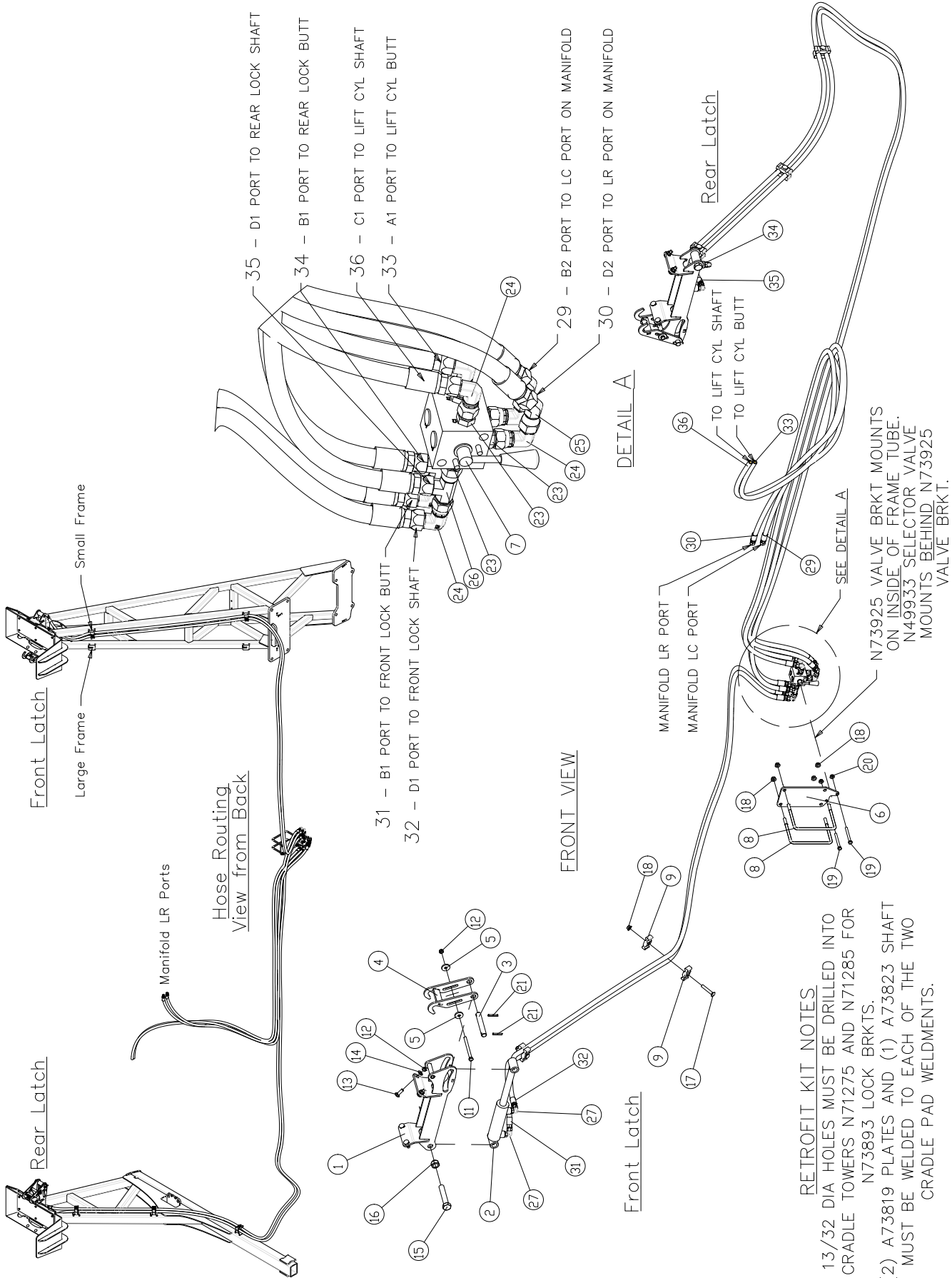
Item	Part No.	Description	Qty
56	N37638	Spring.....	1
57	G69946	Pbag-10S-Con-Pivot-Brkt - (Includes Items Below) Whole Goods Only .....	1
58	N11621	Hex Head Bolt - 3/4 x 8 1/2 Lg.....	8
59	W-527	Lockwasher - 3/4.....	8
60	W-518	Hex Nut - 3/4.....	8
61	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	12
62	J12344	Hex Head Bolt - 1 x 3 Lg.....	9
63	C-705	Lockwasher - 1.....	6
64	D-5274	Locknut - 1 Unitorque.....	3
65	G69947	Pbag-10S-Conveyor-Support - (Includes Items Below) Whole Goods Only .....	1
66	N11621	Hex Head Bolt - 3/4 x 8 1/2 Lg.....	6
67	W-527	Lockwasher - 3/4.....	6
68	W-518	Hex Nut - 3/4.....	6
69	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	16
70	J12344	Hex Head Bolt - 1 x 3 Lg.....	8
71	D-5274	Locknut - 1 Unitorque.....	8
72	G69944	Pbag-10S-Conveyor-Arms-Cradles - (Includes Items Below) Whole Goods Only.....	1
73	W-527	Lockwasher - 3/4.....	8
74	W-518	Hex Nut - 3/4.....	8
75	W-526	Lockwasher - 5/8.....	8
76	W-517	Hex Nut - 5/8.....	8
77	C32741	Hex Flat CounterSunk Head - 1/4 x 1 Lg.....	12
78	N15757	Locknut - 1/4 Unitorque.....	18
79	S-951	Hex Bolt - 1/2 x 4 1/2 Lg.....	2
80	F-3405	Locknut - 1/2 Unitorque.....	4
81	C-695	Hex Bolt - 3/4 x 2 Lg.....	2
82	D-5273	Locknut - 3/4 Unitorque.....	4
83	N49643	Hex Head Bolt - 1 x 9 Lg.....	2
84	D-5274	Locknut - 1 Unitorque.....	2
85	S39780	Locknut - 1 1/4 Unitorque.....	4
86	D-5244	Spirol Pin - 1/4 x 2 Lg.....	1
87	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	1
88	S27987	Locknut - 3/8 Flange.....	5
89	J12281	Coiled Spring Pin - 5/16 x 2 Lg.....	1
90	P7C616	Carriage Bolt - 3/8 x 1 Lg.....	4
91	D-5558	Hex Bolt - 3/4 x 6 Lg.....	2
92	W-486	Hex Bolt - 1/2 x 1 1/2 Lg.....	2
93	W-522	Lockwasher - 5/16.....	4
94	W-471	Hex Bolt - 5/16 x 1 Lg.....	4
95	W-1552	Hex Bolt - 1/4 x 1 Lg.....	4
96	W-4181	Cotter Pin - 1/4 x 2 Lg.....	8
97	C-1124	Roll Pin - 7/32 x 1 3/8 Lg.....	2
98	N73209	Kit - Decals - Conveyor.....	1
99	N59028	Hyd Hose Cover.....	1
100	N70900	Conveyor Hopper Cover (2915000003).....	1
101	N73820	Guard - Conveyor Manifold.....	1
102	N73940	Conveyor Lock Kit - See page 6-6 for Details.....	1

# Conveyor System Control Kit - N70530



Item	Part No.	Description	Qty
1	N70536	Lodar Reciever - 9210RX.....	1
2	N70535	Lodar Remote - 10 Function.....	1
3	N70525	Harness - Conveyor Controller.....	1
	N70530	Kit - Conveyor Control - 10 Function ( <b>Whole Goods Only</b> ).....	1

# Conveyor System Lock Kit - N73940



**RETROFIT KIT NOTES**  
13/32 DIA HOLES MUST BE DRILLED INTO CRADLE TOWERS N71275 AND N71285 FOR N73893 LOCK BRKTS.  
(2) A73819 PLATES AND (1) A73823 SHAFT MUST BE WELDED TO EACH OF THE TWO CRADLE PAD WELDMENTS.



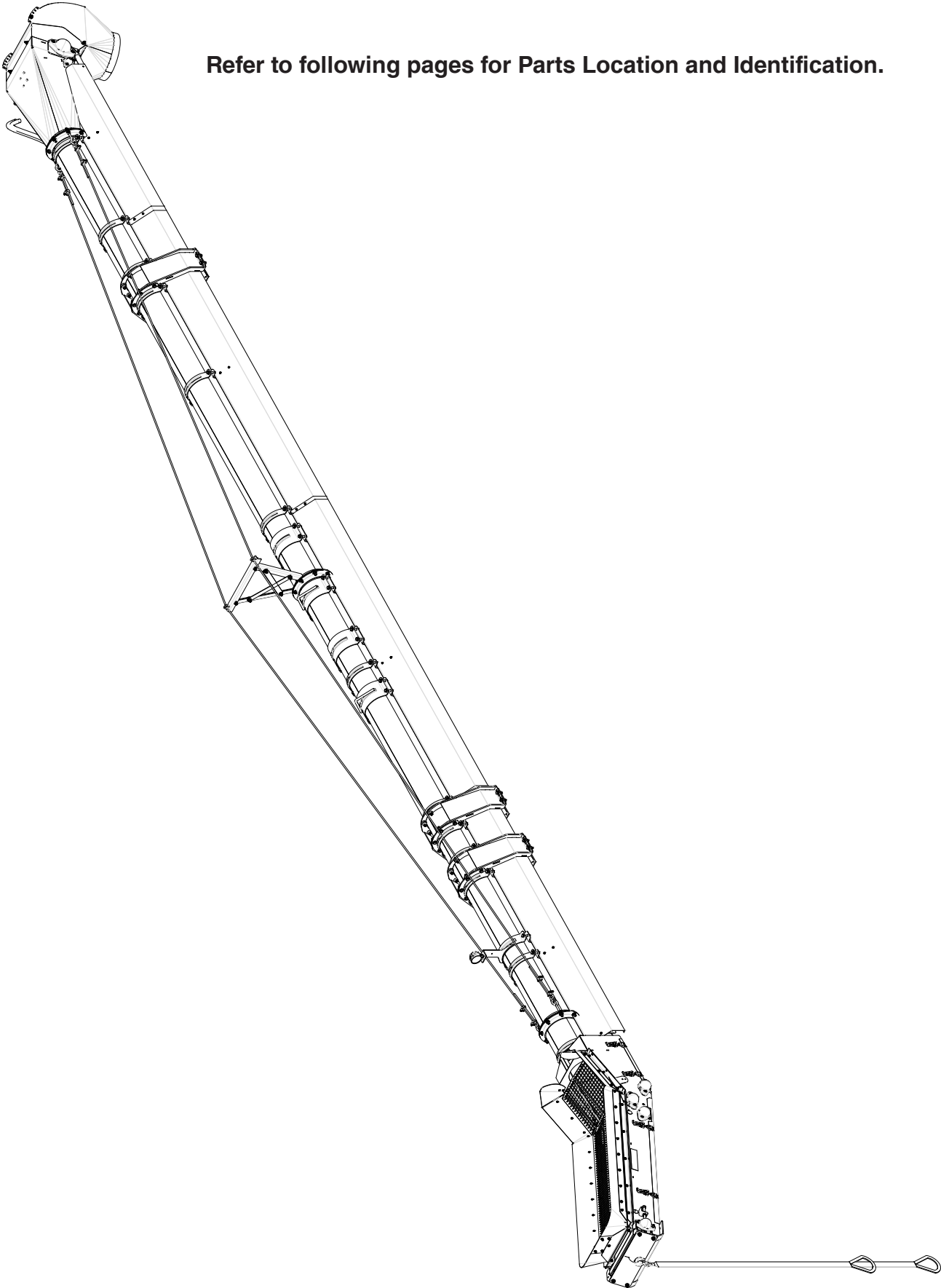
## Conveyor System - Lock Kit

Item	Part No.	Description	Qty
1	N73893	Conveyor Lock Bracket .....	2
2	C73895	Cylinder - 1 1/2 x 4 Stroke.....	2
3	N73897	Pin - Conveyor Lock - 3/4 x 3 1/2 UL .....	2
4	N73822	Conveyor Lock Hook .....	2
5	N73898	Spacer Washer - 3/8 x 3/16 Thick.....	4
6	N73925	Conveyor Lock Valve Bracket .....	1
7	N49933	Selector Valve - Conveyor Lock.....	1
8	H10592	U-Bolt - 3/8 x 6 x 5 Lg .....	2
9	C-4698	Oil Line Clamp .....	10
10	G73941	Pbag - 10S - Conveyor Lock - Hdware - (Includes Items Below) Whole Goods Only.....	1
11	S-1299	Hex Bolt - 3/8 x 4 1/2 Lg.....	2
12	M-3388	Locknut - 3/8 Unitorque.....	10
13	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg .....	8
14	D-5489	Flat Washer - 3/8.....	8
15	D-5256	Hex Bolt - 3/4 x 4 Lg.....	2
16	D-5273	Locknut - 3/4 Unitorque.....	2
17	W14501	Carriage Bolt - 3/8 x 2 1/4 Lg .....	5
18	S27987	Locknut - 3/8 Flange .....	9
19	N19459	Hex Bolt - 5/16 x 3 Lg.....	2
20	D-5278	Locknut - 5/16 Flange .....	2
21	S-4781	Spring Pin - 1/4 x 1 1/2 Lg .....	4
22	G73942	Pbag - 10S - Conveyor Lock - Hyd Fittings - (Includes Items Below) Whole Goods Only .	1
23	S34115	Connector - 9/16-18 (#06) MJIC x 7/16-20 MORB .....	6
24	S29967	90 Elbow - Swivel - 9/16-18 (#06) FJIC x 9/16-18 (#06) MJIC .....	6
25	N58687	45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) FJIC .....	2
26	C-4403	Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF) .....	2
27	N16143	90 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB .....	4
28	N73943	Kit-10S-Conveyor-Lock-Hyd-Hoses - (Includes Items Below) Whole Goods Only .....	1
29	N69796	Hyd Hose - 3/8 x 126 Lg - 9/16-18 FJIC (#6) .....	1
30	N69796	Hyd Hose - 3/8 x 126 Lg - 9/16-18 FJIC (#6) .....	1
31	S65411	Hyd Hose - 3/8 x 168 Lg - 9/16-18 FJIC Ends .....	1
32	S65411	Hyd Hose - 3/8 x 168 Lg - 9/16-18 FJIC Ends .....	1
33	N73891	Hyd Hose - 3/8 x 220 Lg - 9/16-18 FJIC (#6) .....	1
34	N73918	Hyd Hose - 3/8 x 232 Lg - 9/16-18 FJIC (#6) .....	1
35	N73918	Hyd Hose - 3/8 x 232 Lg - 9/16-18 FJIC (#6) .....	1
36	N73918	Hyd Hose - 3/8 x 232 Lg - 9/16-18 FJIC (#6) .....	1
37	N50875	Decal - Conveyor Lock (Not Shown) .....	1



## Conveyor Assembly

Refer to following pages for Parts Location and Identification.



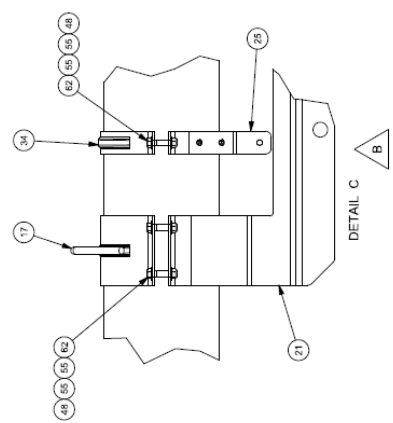
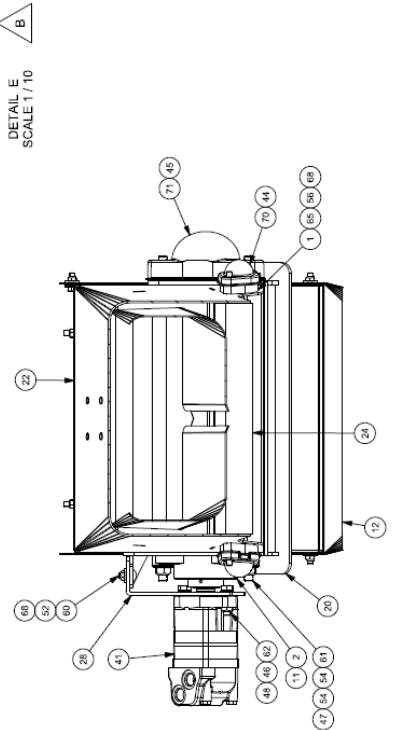
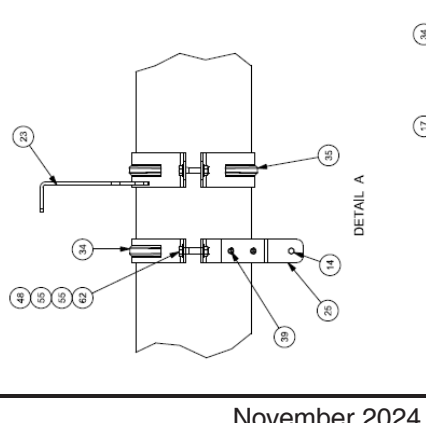
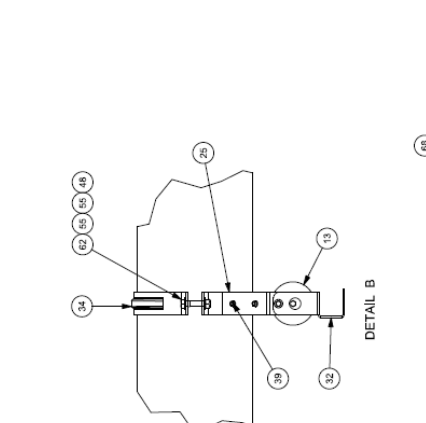
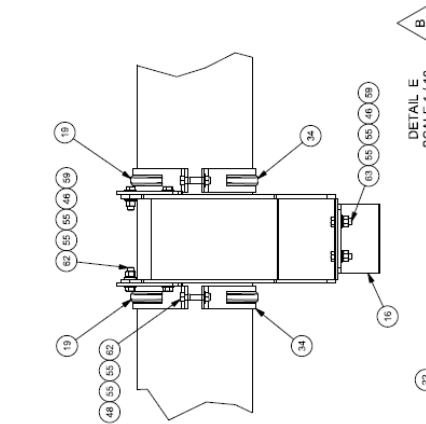
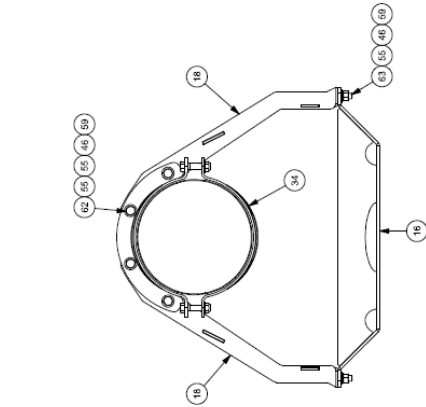
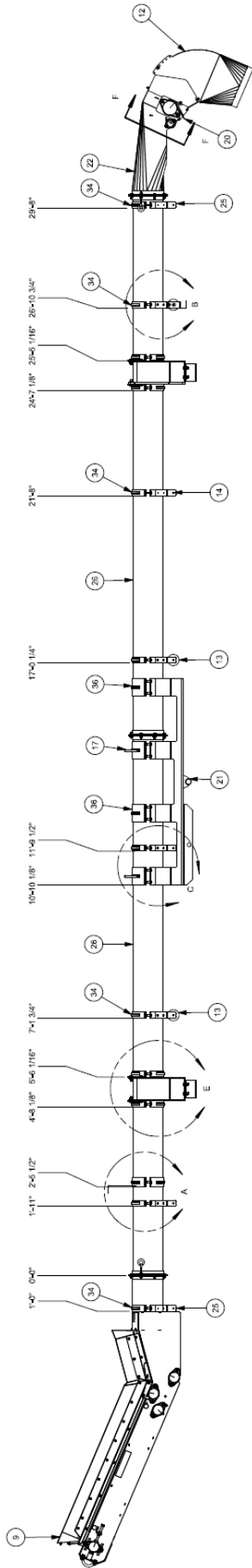
## Conveyor - Assembly

Item	Part No.	Description	Qty
<b>Refer to following pages for Parts Location and Identification.</b>			
1	B00000065	Bearing - FD204 - 3/4" Shaft - Complete.....	2
2	B00000030	Bearing - FL210 -1 15/16" Shaft - Complete.....	2
3	650508619	Tow Strap Kit.....	1
4	650508618	Hydraulic Schematic.....	1
5	650508617	Morris Discharge Windguard - Right.....	1
6	650508616	Morris Discharge Windguard - Left.....	1
7	650508615	Morris Hopper Screen Kit.....	1
8	650508607	Morris Hopper Rear Containment Front Assembly.....	1
9	650508281	S-Neck Morris Air Seeder Hopper.....	1
10	650508257	Hopper Bottom Containment Assembly.....	1
11	650507445	Roller - Type 5 x 16 x 1/9375.....	1
12	503278S	Swivel Hood Discharge.....	1
13	501119	Return Roller FL - Type 1 7/8 x 17 7/8 x 7/8.....	3
14	501118	Return Roller - 1.875 x 17.875 x .438.....	3
15	650406459	Morris Hopper Hook Mount.....	1
16	650406446	Cradle Pad.....	2
17	650406448	Lift Tube Clamp.....	2
18	650406445	Support Mount Bracket.....	4
19	650406443	Tube Clamp Mount.....	4
20	650406442	Morris Discharge Stiff Motor Bracket.....	1
21	650406240	Pivot Mount Bracket.....	1
22	404876S	Ted Discharge Body.....	1
23	401360	Light Mounting Bracket.....	1
24	401134	Roller - Type 1.5 x 22 x .75.....	1
25	400217	Return Roller Bracket.....	8
26	400028	Tube - 14 Ga x 10D x 180L.....	2
27	650122114	Hopper Front Containment Plate.....	1
28	650121671	Hydraulic Motor Bracket - Outer.....	1
29	650121603	Wire Harness.....	1
30	119452	Bridging Tower #1 - Cross Brace.....	2
31	117693	Bridging Tower #1 - Main Angle.....	2
32	116214	Light Mount.....	1
33	104697	Windguard - Type 100.....	2
34	101078	Tube Clamp - Type 2.....	12
35	101077	Tube Clamp - Type 3.....	1
36	101076	Tube Clamp - Type 6.....	2
37	100951	Windguard - Type 10.....	4
38	100934	Bridging - Short Cross Brace.....	1
39	2422000002	Self Tapping Screw - 1/4 x 3/4.....	32
40	2115000003	Plug - Push-In Plastic Round - 5/16.....	4
41	<b>1930000041</b>	<b>Orbit Motor</b> - Series 2000 - 11.9 cu.in. - 104-1026-006 ( <b>1830020060 Seal Kit</b> ).....	1
42	1870000006	Split Rubber Bushing - For 3/4 Hyd Metal Line.....	8
43	18-3000-0060	Hyd Line Clamp - 2-Bank - 3/16 to 3/4 OD.....	8
44	1632120002	Push Nut - 3/8.....	4
45	1632120001	Push Nut - 1/2.....	2
46	1624080008	Spring Lock Washer - 1/2.....	26
47	1624070006	Lock Nut - 5/8.....	4
48	1624070003	Lock Nut - 1/2.....	78
49	1624070001	Lock Nut - 1/4.....	2
50	1624050001	Lock Nut - 5/16.....	4
51	1618070001	Eye Bolt - 1/2 x 6 1/2.....	4

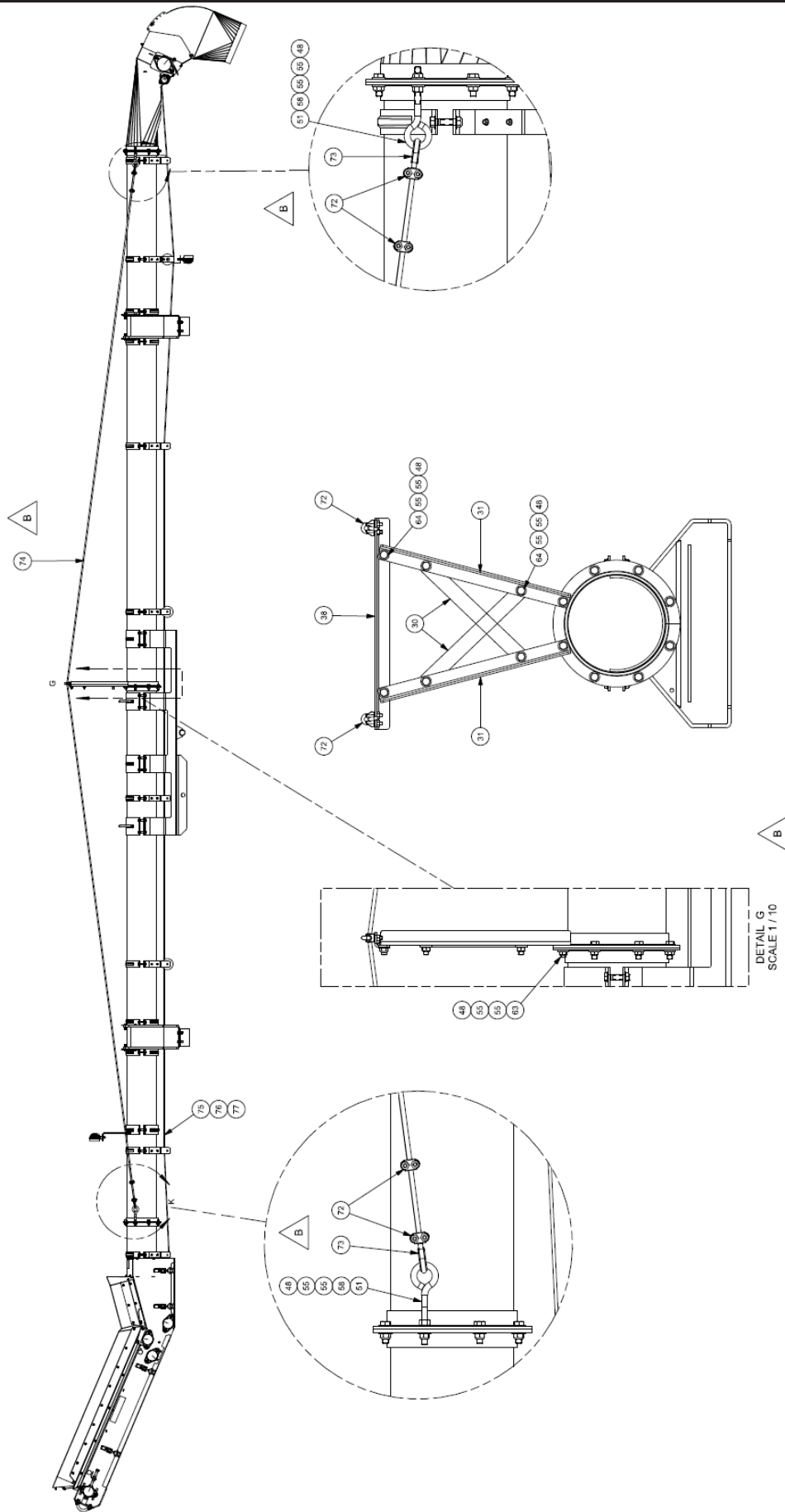
## Conveyor - Assembly

Item	Part No.	Description	Qty
52	1617070004	Flatwasher - 3/8.....	6
53	1617070002	Flatwasher - 1/4.....	4
54	1613070008	Flatwasher - 5/8.....	8
55	1613070006	Flatwasher - 1/2.....	200
56	1613070004	Flatwasher - 3/8.....	4
57	1613070003	Flatwasher - 5/16.....	8
58	1609070005	Hex Nut - 1/2.....	4
59	1609050005	Hex Nut - 1/2 Stainless Steel.....	24
60	1603070124	Carriage Bolt - 3/8 x 1 Lg.....	2
61	1602070369	Hex Bolt - 5/8 x 2 1/4 Lg.....	4
62	1602070249	Hex Bolt - 1/2 x 1 3/4 Lg.....	60
63	1602070248	Hex Bolt - 1/2 x 1 1/2 Lg.....	32
64	1602070246	Hex Bolt - 1/2 x 1 1/4 Lg.....	6
65	1602070129	Hex Bolt - 3/8 x 1 3/4 Lg.....	4
66	1602070072	Hex Bolt - 5/16 x 2 1/4 Lg.....	4
67	1602070004	Hex Bolt - 1/4 x 3/4 Lg.....	2
68	1518000004	Lock Nut - 3/8.....	6
69	1419000072	Light.....	2
70	1215000005	Bearing Safety Cover FD204 & FD205.....	2
71	1215000001	Bearing Safety Cover.....	1
72	1211000008	Cable Clamp - 3/8.....	10
73	1211000005	Cable Thimble - 3/8.....	4
74	1211000001	Cable - Galvanized - 3/8 Dia x 30 ft.....	2
75	1003070001	Chevron Rubber Belting 16" Ultimate I 2- Ply 150 WGT (84 ft).....	1
76	1001130001	Aligator Lacing 1/8 - 3/16 x 16 Links.....	1
77	1001000001	Aligator Belt Lacing Pin Nylon x 15 1/2.....	1

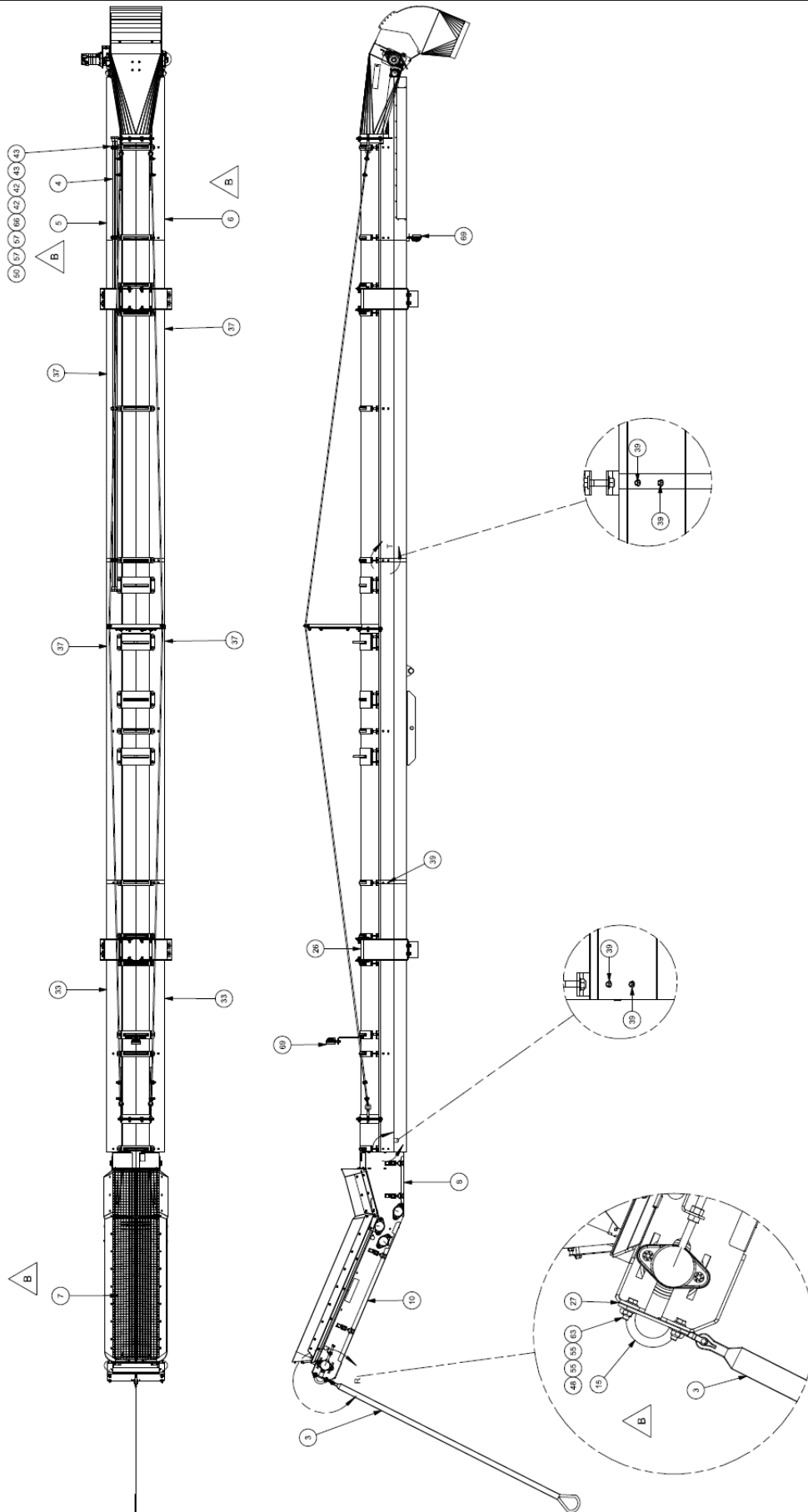
# Conveyor - Assembly



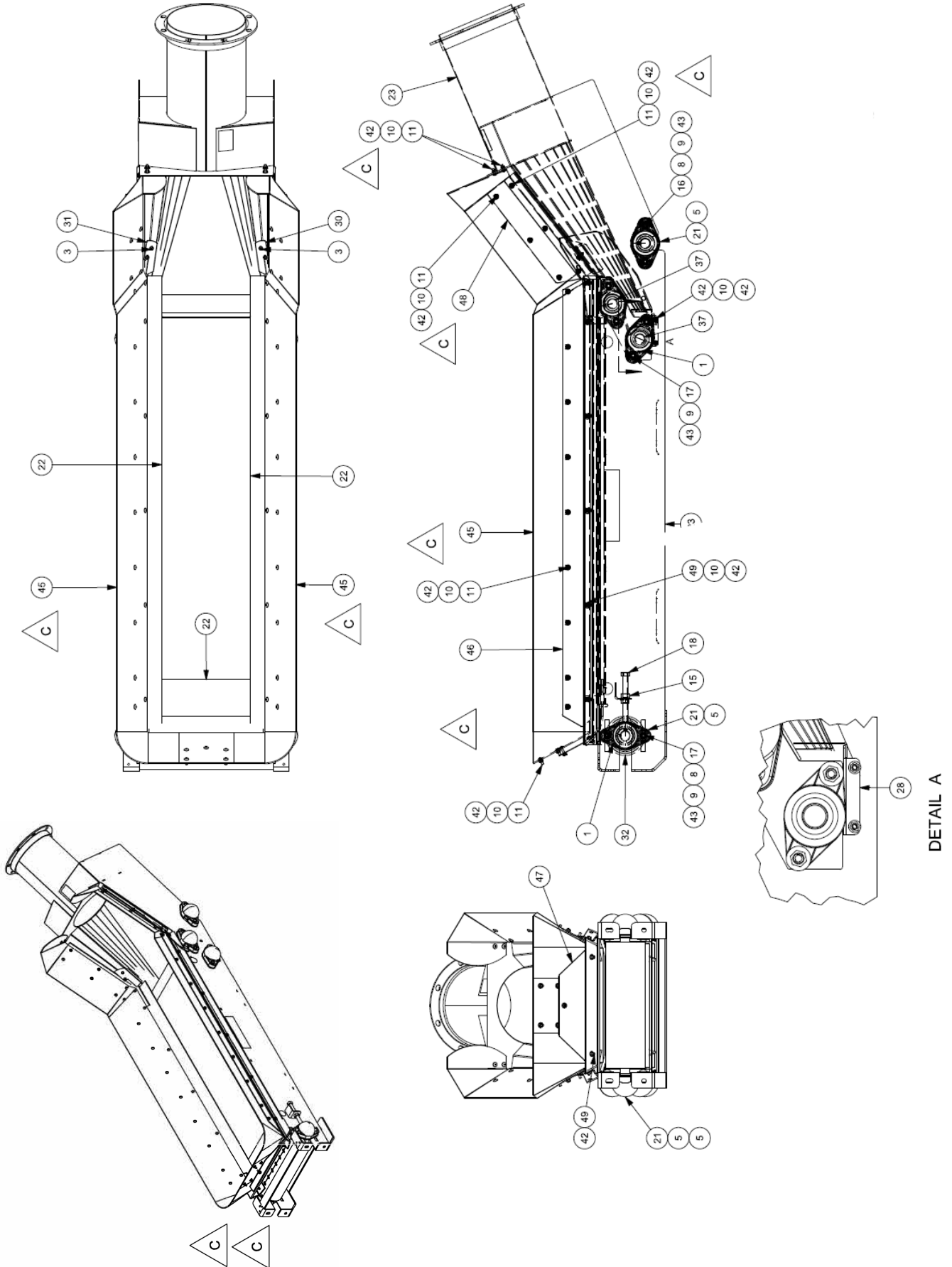
# Conveyor - Assembly



# Conveyor - Assembly



# Conveyor Assembly Hopper Assembly

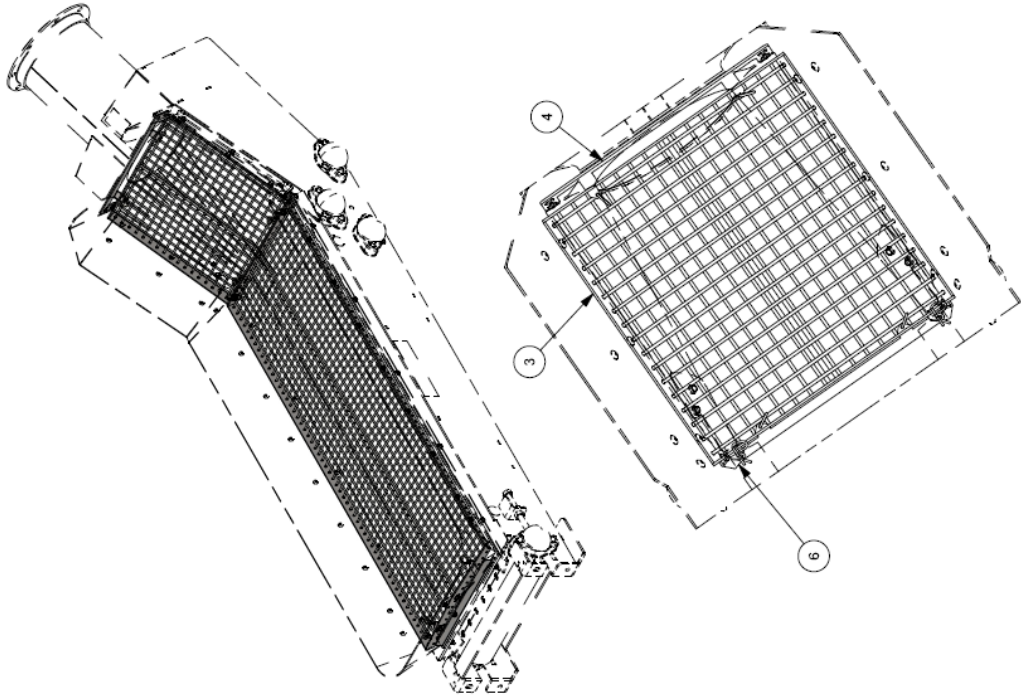


### Conveyor - Hopper Assembly

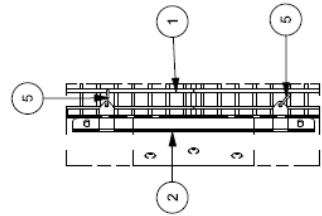
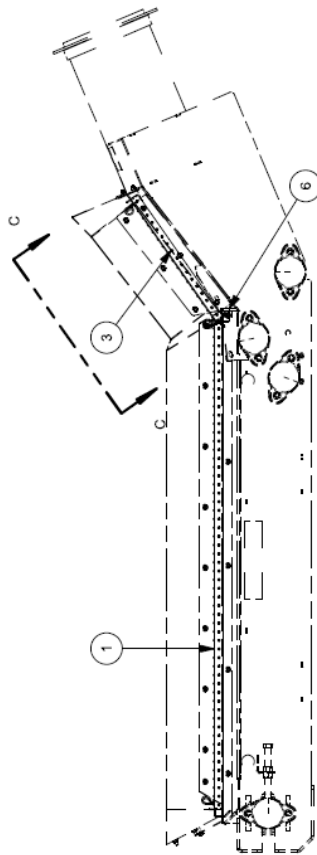
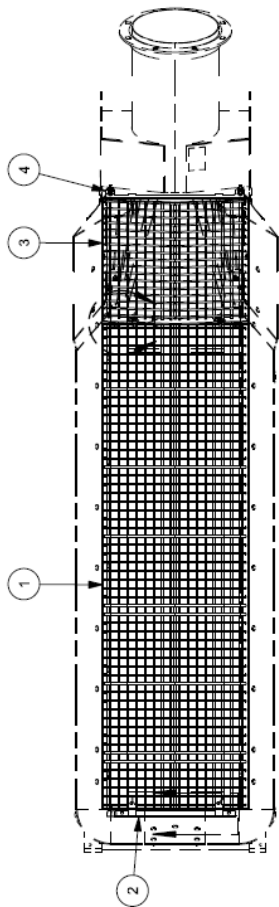
Item	Part No.	Description	Qty
1	B800000010	Bearing - FL206- 1 1/4" Shaft - Complete .....	8
2	13000006014	Lubrication Decal .....	4
3	2422000004	Self Tapping Screw - 1/4 x 1 Lg.....	4
5	1632120001	Push Nut - 1/2" .....	15
8	1617050008	Flatwasher - 5/8 Stainless Steel .....	8
9	1617050006	Flatwasher - 1/2 Stainless Steel .....	16
10	1617050002	Flatwasher - 1/4 Stainless Steel .....	57
11	1614000004	Truss Head Screw - Square - 1/4-20 UNC x 3/4 Lg - Stainless Steel .....	41
13	1613070002	Flatwasher - 1/4.....	4
15	1609070007	Lock Nut - 5/8 .....	2
16	1603050006	Carriage Bolt - 1/2 x 1 3/4 Lg - Stainless Steel.....	4
17	1603050005	Carriage Bolt - 1/2 x 2 Lg - Stainless Steel.....	12
18	1602070035	Hex Bolt - 5/8 x 6 Lg - Full Thread .....	2
21	1215000003	Bearing Safety Cover - FL206 .....	8
22	650506196	Flashing Kit S-Neck Hopper .....	1
23	650406402	Morris Hopper.....	1
28	650121585S	Open Transition Product Containment Plate.....	1
30	650120764S	Flashing Clamp - Right .....	1
31	650120763S	Flashing Clamp - Left.....	1
32	504186	Roller - Type 4 1/2 X 16 - 1 1/4 x 21 1/2.....	1
37	118386	Roller - Type 2 3/8 X 16 3/4- 1 1/4 X 21 1/2 .....	3
40	3610000010	Decal - Made in Canada .....	1
41	1419000074	Amber Reflective Tape .....	2
42		Lock Nut - 1/4 - Stainless Steel .....	57
43		Lock Nut - 1/2 - Stainless Steel .....	16
45	650122289	Morris Hopper Belting.....	2
46	650122292	Morris Hopper SS Panel - 4 x 60 .....	2
47	650121494S	Hopper Panel - 5 x 19.....	1
48	650122293	Morris Hopper SS Panel - 4 x 16 .....	2
49	1614000005	Truss Head Screw - Square - 1/4-20 UNC x 1 Lg - Stainless Steel .....	16



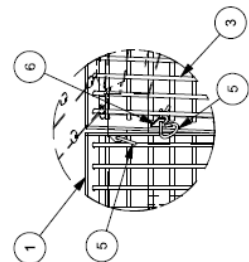
# Conveyor Assembly Hopper Screen Kit



SECTION C-C  
PART 1 HIDDEN



DETAIL B



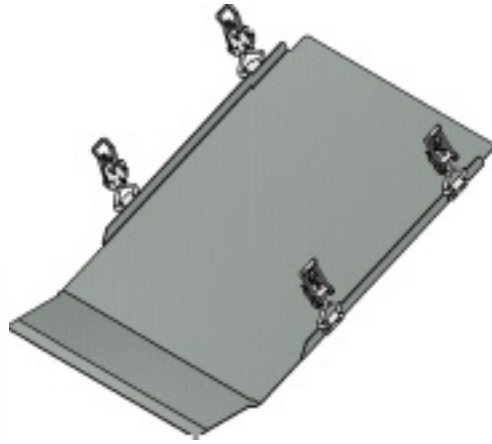
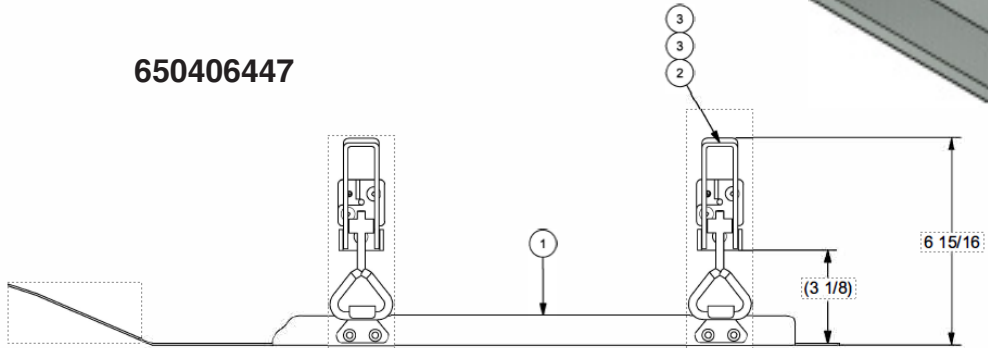
DETAIL A

## Conveyor - Hopper Screen Kit

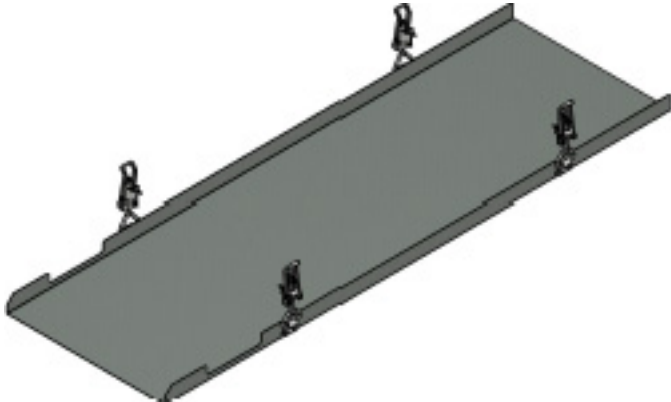
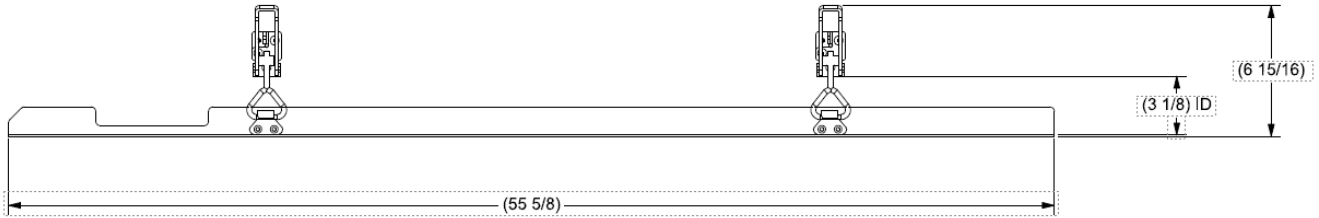
Item	Part No.	Description	Qty
1	650406449	Morris Hopper Screen Assembly .....	1
2	650122350	Morris Hopper Front Holder .....	1
3	650406458	Morris Hopper Top Screen .....	1
4	650122354	Morris Hopper Top Holder .....	1
5	1611000005	Pin - Hair - #10 - 1/8.....	8
6	650122366	Morris Hopper Screen Holder .....	1

# Conveyor Assembly Hopper Containment

**650406447**

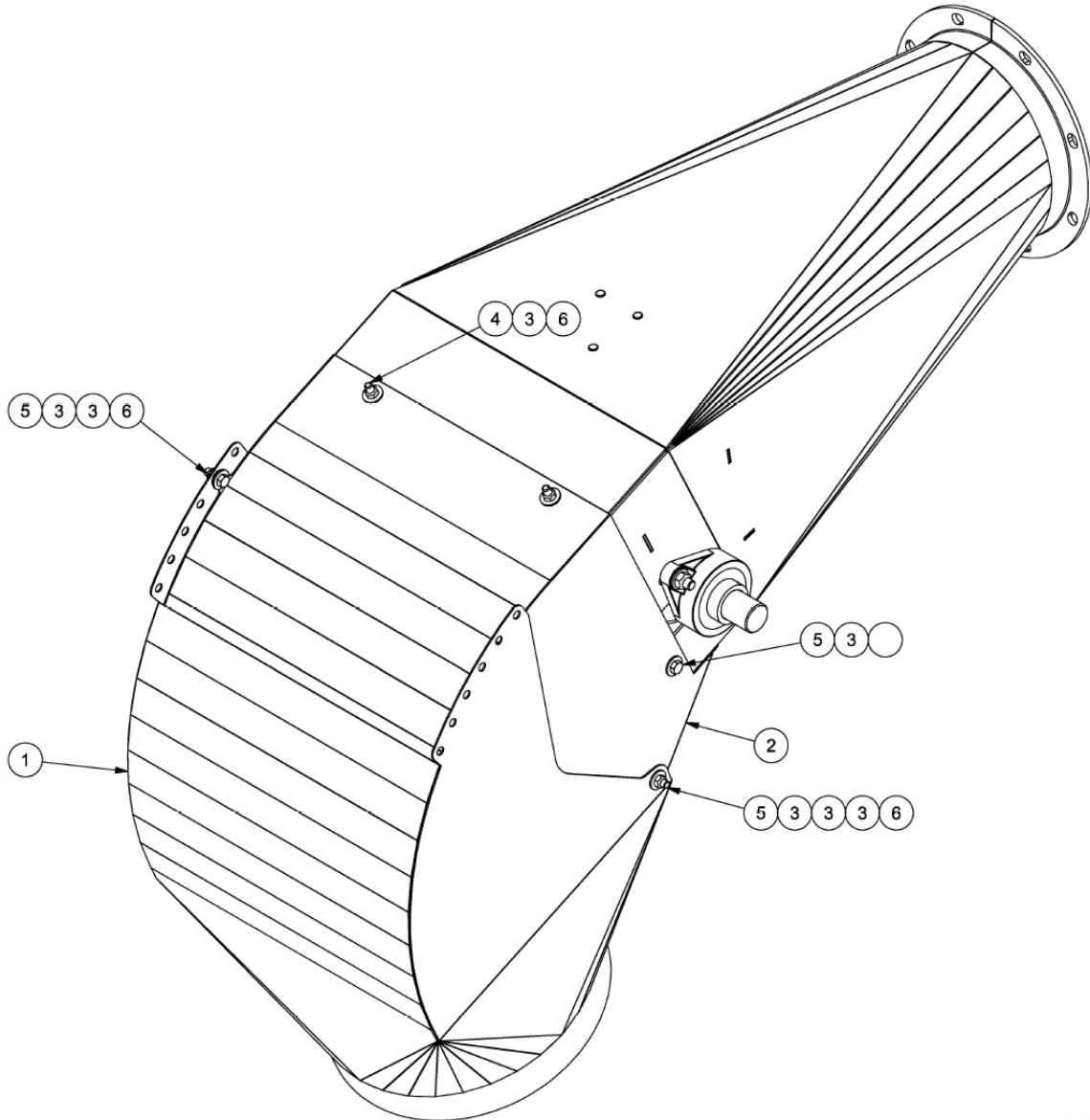


**650406399**



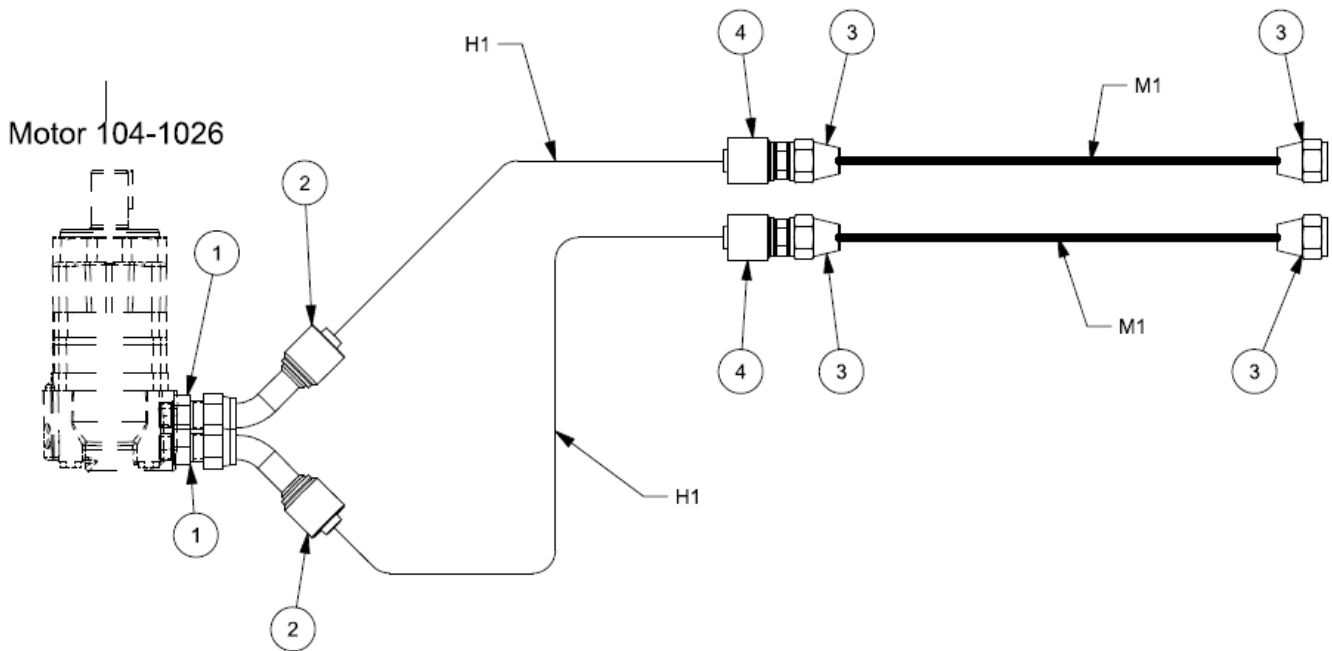
Item	Part No.	Description	Qty
1	650406447	Morris Hopper Rear Containment Weldment .....	1
	650406399	Hopper Bottom Containment Weldment.....	1
		Quantities Below are per Weldment	
2	27934	Faucher 772-0128 Weldable Latch.....	4
3	1614000027	Self Drilling Screw Flat Washer Head - 10-24 x 3/4 Lg .....	12

## Conveyor Assembly Swivel Hood Discharge



Item	Part No.	Description	Qty
1	404740	Swivel Discharge Spout (Long).....	1
2	404738	Swivel Discharge Hood (Long) .....	1
3	16-1707-0004	Flatwasher - 3/8.....	12
4	16-0307-0124	Carriage Bolt - 3/8 x 1 Lg.....	2
5	16-0207-0124	Hex Bolt - 3/8 x 1 Lg .....	5
6	15-1800-0004	Lock Nut - 3/8 .....	5

# Conveyor Assembly Hydraulics



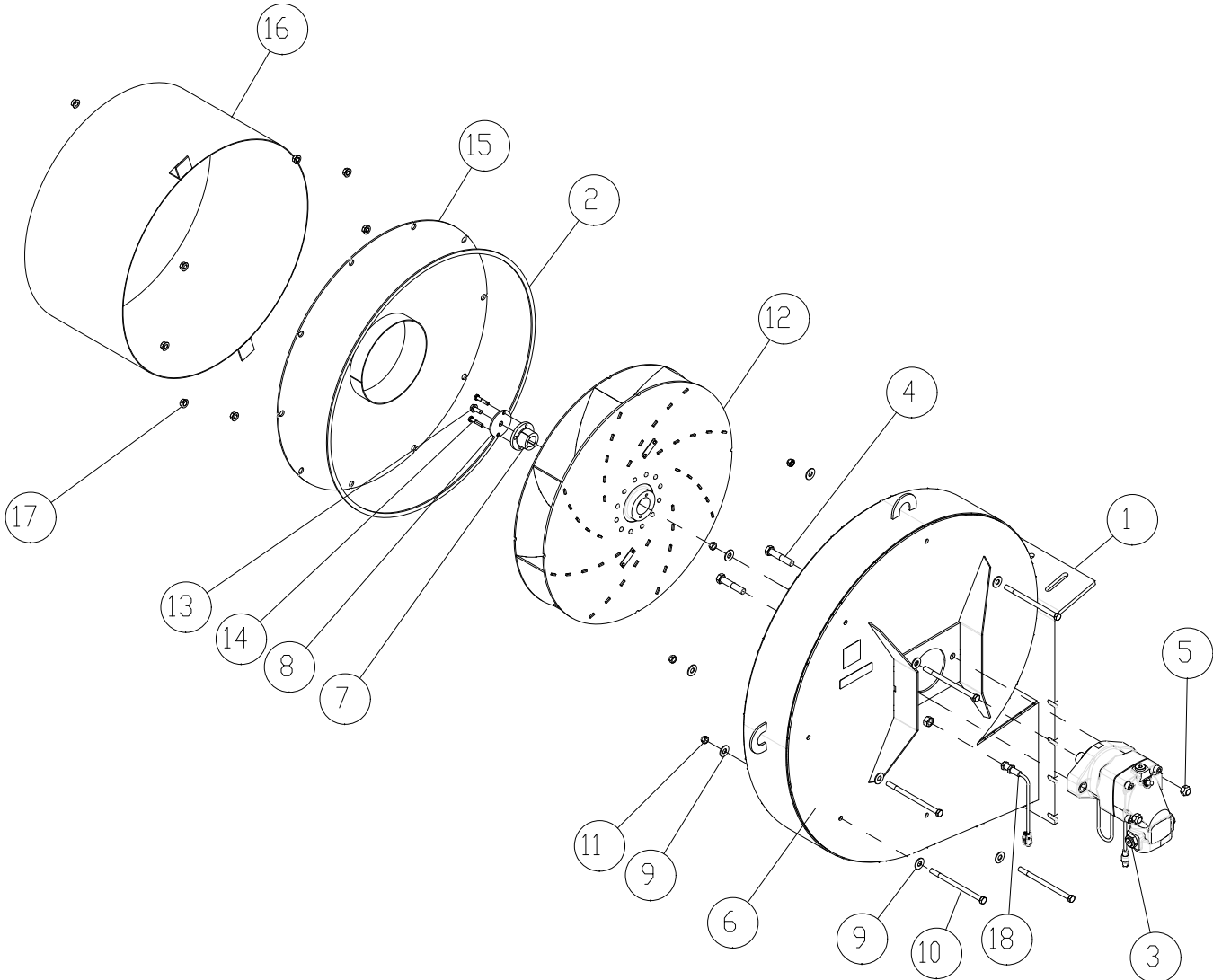
Item	Part No.	Description	Qty
1	18-3500-0012	10MB-12MJ.....	2
2	18-3500-0317	12WC-12FJX-45.....	2
3	18-3500-0451	3/4" UNION NUT .....	4
4	18-3500-0014	12WC-12MJ.....	2
H1		12WC-12MJ TO HYD. HOSE 3/4" -32" TO 12WC-12FJX45.....	2
M1		HYD. METAL LINE O.D. 3/4" - 14' .....	2
	<b>1930000041</b>	<b>Orbit Motor - Series 2000 - 11.9 cu.in. - 104-1026-006.....</b>	<b>1</b>
	<b>1830020060</b>	<b>Seal Kit - Orbit Motor.....</b>	<b>1</b>

# Section 7: Fan

## Section Contents

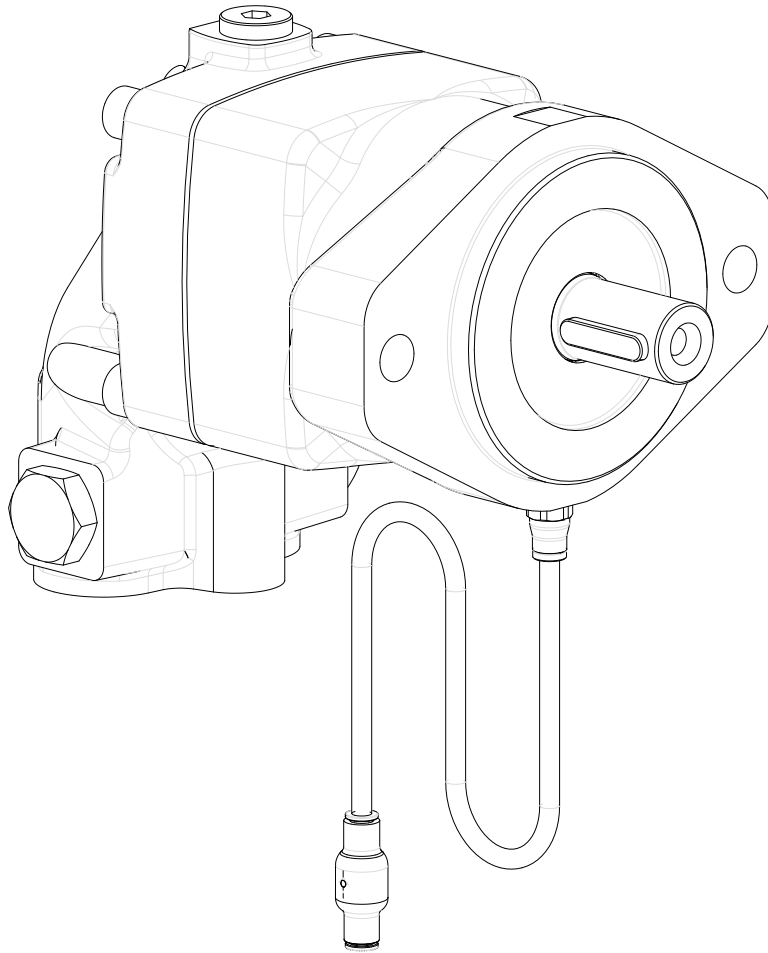
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## Fan Fan Assembly



Item	Part No.	Description	Qty
1	N73750	Blower Housing.....	1
2	N73755	Neoprene 1/8" x 3/8" x 6.5Ft.....	1
3	N69870	Parker Orbit Motor - F10 Series - 19cc - 25mm shaft .....	1
4	W-490	Hex Head Bolt - 1/2 x 2 1/2 Lg.....	2
5	C26701	Locknut - 1/2 Nylon Insert.....	2
6	N73756	Spacer Pipe .....	5
7	N73753	Split Bushing.....	1
8	N73754	Spit Bushing Washer .....	1
9	W-538	Washer - 7/16 ID x 1 OD x 14 Ga .....	10
10	N11461	Hex Bolt - 3/8 x 6 Lg .....	5
11	10229	Locknut - 3/8 Nylon Insert.....	5
12	N73752	Rotor .....	1
13	N73757	Bolt - M10 x 25 mm GR 8.8 .....	1
14	W-470	Hex Bolt - 1/4 x 1 1/4 Lg .....	2
15	N73751	Inlet Assembly .....	1
16	N69949	Inlet Screen - <b>Required Option without Air Guard</b> .....	1
17	D-5279	Locknut - 3/8 Flange.....	10
18	N73758	Fan Speed Sensor.....	1
	<b>N69970</b>	<b>Fan - (Includes All Items Except Item 16) - (Whole Goods Only)</b>	

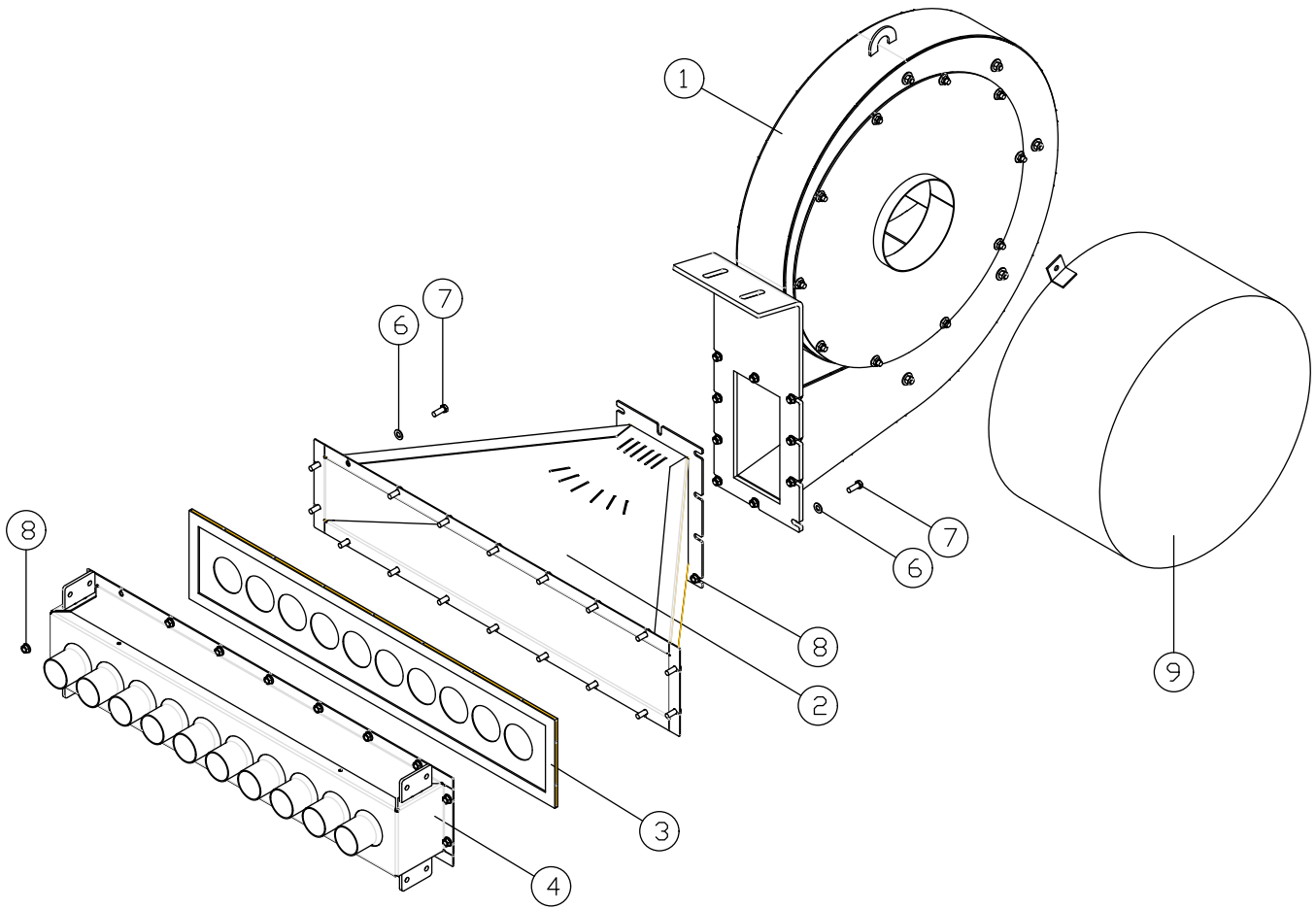
## Fan Orbit Motor



Item	Part No.	Description	Qty
1	N69870	Parker Orbit Motor - F10 Series - 19cc - 25mm shaft .....	1
	N69871	Shaft Seal Only for above Parker Motors.....	1



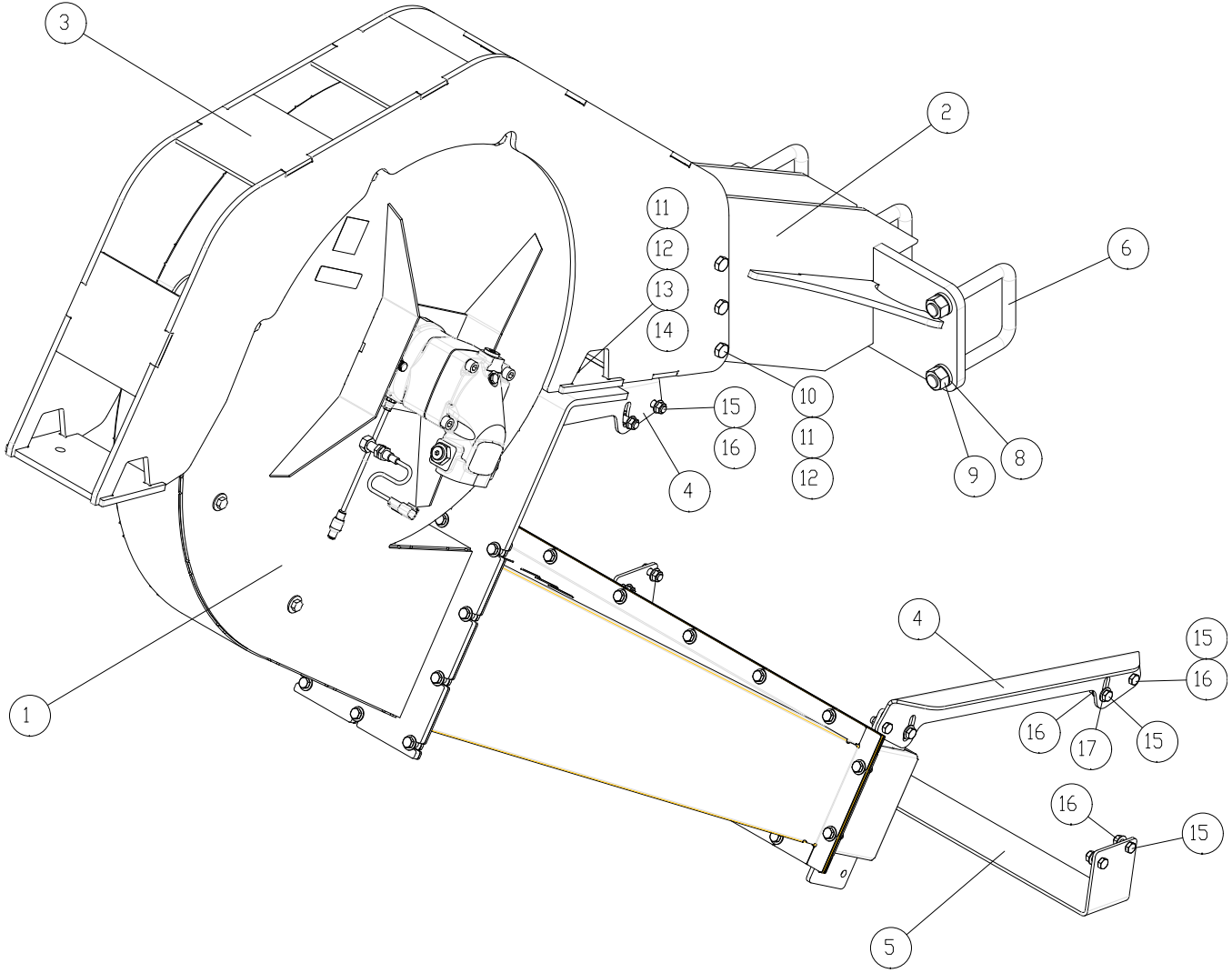
# Fan Fan/Plenum Assembly



**Fan - Fan/Plenum Assembly**

Item	Part No.	Description	Qty
1	N69970	S3 Mod Fan Assy - Less Screen.....	1
2	N53351	Plenum Body - 10 Outlet.....	1
3	N53352	Plenum Baffle - 10 Outlet - (Includes N15716 both sides) .....	1
	N15716	Seal Strip - 1/4 x 1 Bulk/FT.....	16ft
4	N53360	Plenum Front - 10 Outlet.....	1
5	G69979	Pbag-10S - Fan + Plenum Assy - S3 Mod - (Includes Items Below) Whole Goods Only...	1
6	D-5489	Flat Washer - 3/8 .....	28
7	W-187	Hex Head Bolt - 3/8 x 1 1/4 Lg.....	28
8	S27987	Locknut - 3/8 Flange.....	28
	N70907	Fan to Plenum Assembly - (Includes All Items Above) - (Whole Goods Only)	
9	N69949	Screen - Required Option without Air Guard .....	1

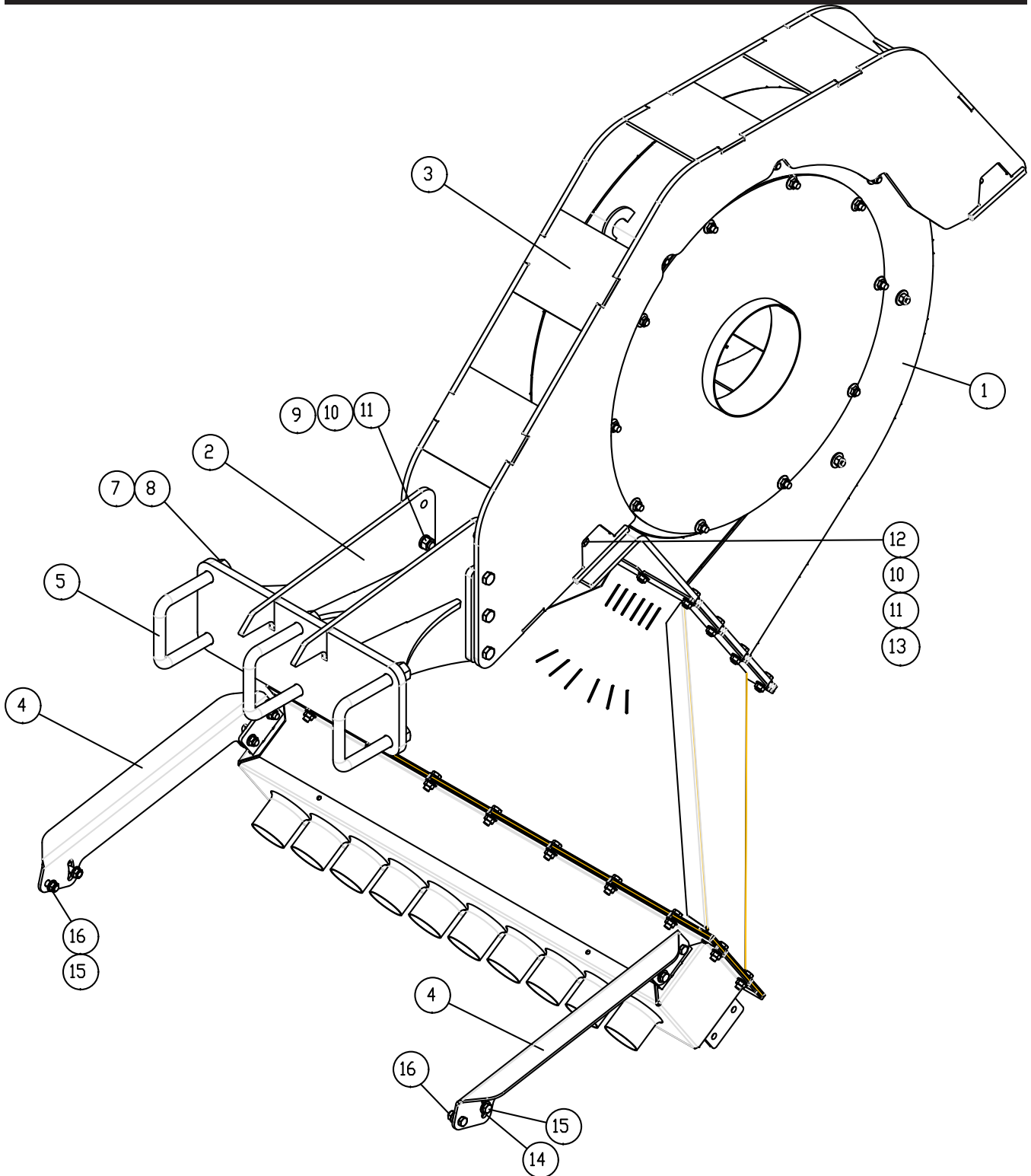
# Single Fan Assembly Tow Between



**Single Fan Assembly - Tow Between**

Item	Part No.	Description	Qty
1	N70907	Fan + Plenum Assembly - S3 Mod .....	1
2	N71011	Fan Mounting Bracket - Between.....	1
3	N73320	Dual Fan Mount .....	1
4	N73324	Single Fan Support Strap.....	2
5	N51885	Hose Support Brkt .....	1
6	C-5561	U-Bolt - 3/4 x 4 x 5-9/16.....	3
7	G69991	Pbag-10S - Single Fan - Btwn - (Includes Items Below) Whole Goods Only .....	1
8	W-527	Lockwasher - 3/4 .....	6
9	W-518	Hex Nut - 3/4.....	6
10	W-488	Hex Bolt - 1/2 x 2 Lg .....	6
11	W-525	Lockwasher - 1/2 .....	8
12	W-516	Hex Nut - 1/2.....	8
13	S-776	Hex Bolt - 1/2 x 1 1/2 Lg .....	2
14	S-1925	Flat Washer - 1/2 .....	2
15	W-187	Hex Head Bolt - 3/8 x 1 1/4 Lg.....	12
16	S27987	Locknut - 3/8 Flange.....	12
17	D-5489	Flat Washer - 3/8 .....	4

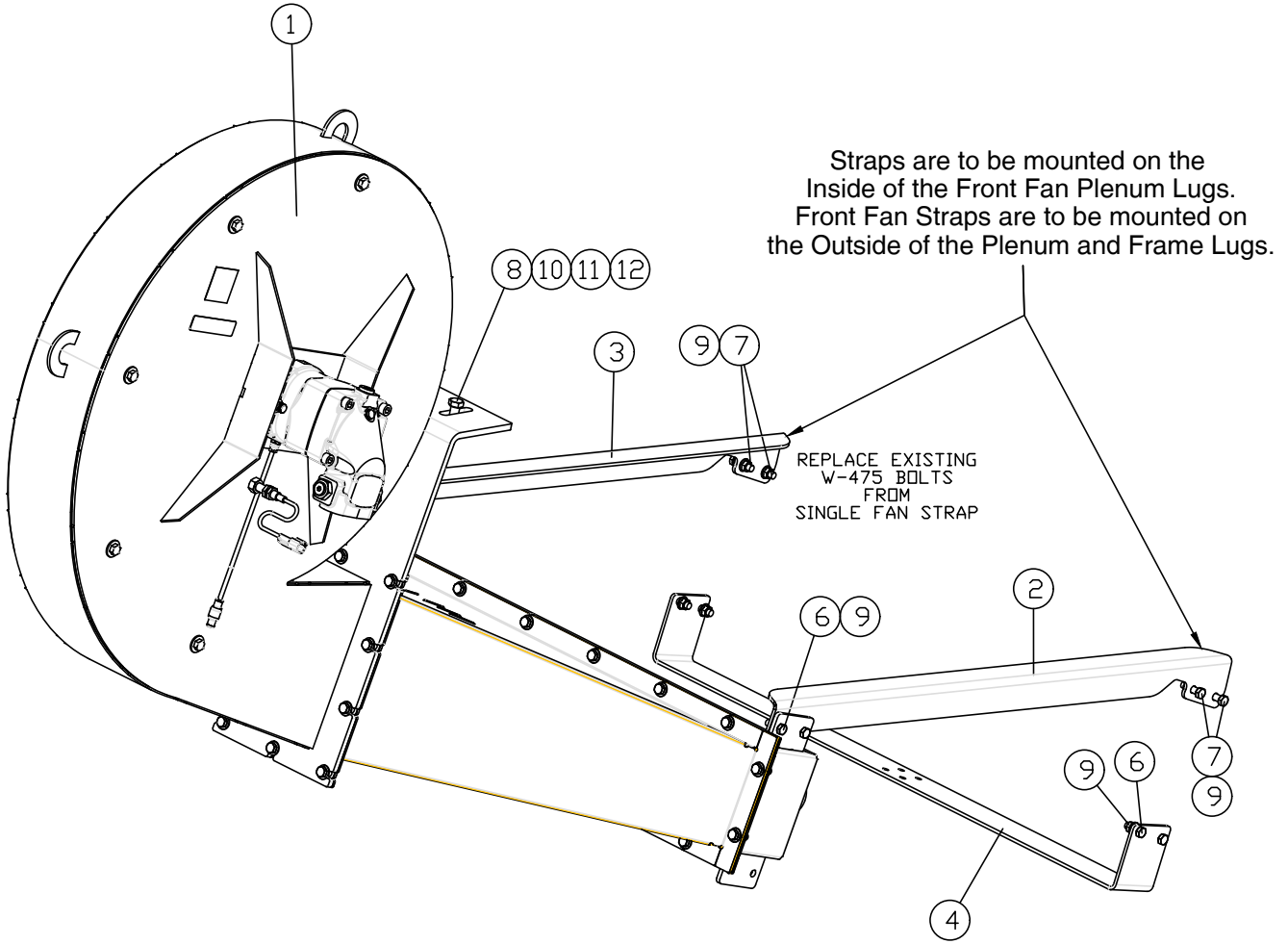
# Single Fan Assembly Tow Behind



## Single Fan Assembly - Tow Behind

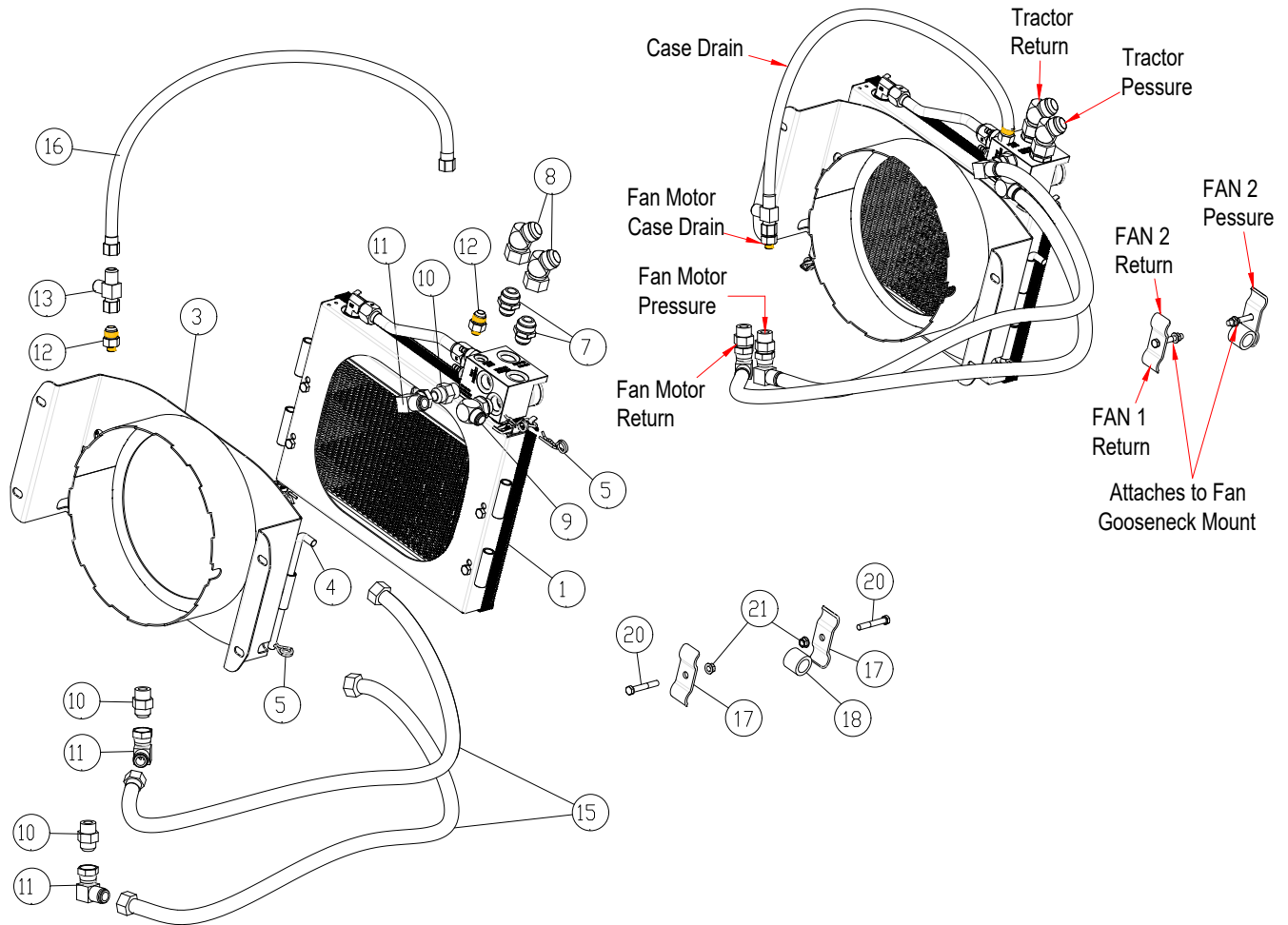
Item	Part No.	Description	Qty
1	N70907	Fan + Plenum Assembly - S3 Mod .....	1
2	N71021	Fan Mounting Bracket .....	1
3	N73320	Dual Fan Mount .....	1
4	N73324	Single Fan Support Strap.....	2
5	C-5561	U-Bolt - 3/4 x 4 x 5 9/16 UL .....	3
6	G69931	Pbag-10S - Single Fan Bhnd - (Includes Items Below) Whole Goods Only .....	1
7	W-527	Lockwasher - 3/4 .....	6
8	W-518	Hex Nut - 3/4.....	6
9	W-488	Hex Bolt - 1/2 x 2 Lg .....	6
10	W-525	Lockwasher - 1/2 .....	8
11	W-516	Hex Nut - 1/2.....	8
12	S-776	Hex Bolt - 1/2 x 1 1/2 Lg .....	2
13	S-1925	Flat Washer - 1/2 .....	2
14	D-5489	Flat Washer - 3/8 .....	4
15	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	8
16	S27987	Locknut - 3/8 Flange.....	8
	G69940	Tow Behind Frame and Hitch Assembly - Stage 4 - (Whole Goods Only)	

## Second Fan Assembly



Item	Part No.	Description	Qty
1	N70907	Fan + Plenum Assy - S3 Mod2 .....	1
2	N73322	Dual Fan Strap - Left .....	1
3	N73323	Dual Fan Strap - Right .....	1
4	N51885	Hose Support Bracket.....	1
5	G69962	<a href="#">Pbag-10S-Second-Fan-Hdware .....</a>	1
6	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	8
7	W-187	Hex Head Bolt - 3/8 x 1 1/4 Lg.....	4
8	S-776	Hex Bolt - 1/2 x 1 1/2 Lg .....	2
9	S27987	Locknut - 3/8 Flange .....	12
10	S-1925	Flat Washer - 1/2 .....	2
11	W-525	Lockwasher - 1/2 .....	2
12	W-516	Hex Nut - 1/2.....	2

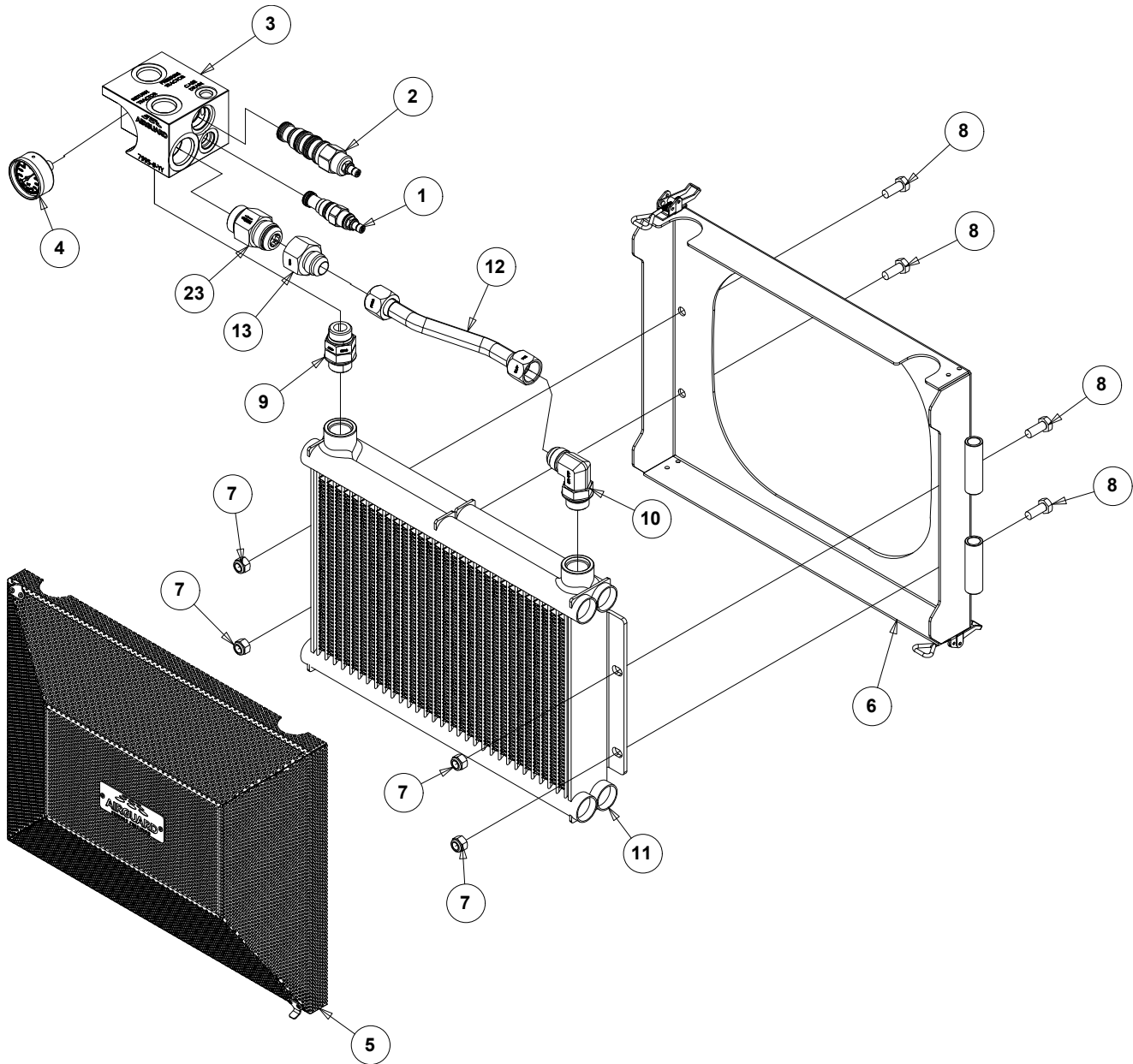
## Air Guard System Hydraulics and Bracket Kit



Item	Part No.	Description	Qty
1	N69860	Cooler - 7995 - See next page for details .....	1
2	N73936	Airguard Bracket Kit - (Includes Items Below) Whole Goods Only .....	1
3	N73967	Cooler Mount .....	1
4	N73968	Airguard Pin .....	2
5	N73969	Airguard Clip .....	4
6	N73835	Hyd Fitting Kit - Airguard - (Includes Items Below) Whole Goods Only .....	1
7	N58602	Connector - 1 1/16-12 MORB (#12) x 1 5/16-12 MJIC (#16) .....	2
8	N36382	45 Elbow - Swivel - 1 5/16-12 FJIC (#16) x 1 5/16-12 MJIC (#16) .....	2
9	N16359	Elbow 90 - 1 1/16 MJIC (#12) x 1 1/16 MORB (#12) .....	1
10	N15990	Connector 1-1/16-12 MJIC (#12) x 1-1/16-12 MORB (#12) .....	3
11	N21189	90 Elbow - Swivel - 1 1/16-12 FJIC (#12) x 1 1/16-12 MJIC (#12) .....	3
12	N34047	Connector - 7/8-14 MJIC (#10) x 9/16-18 MORB (#06) .....	2
13	H18746	Tee - Swivel - (2) 7/8-14 MJIC (#10) x (1) 7/8-14 FJIC (#10) (MMF) .....	1
14	N73834	Hyd Hose Kit - Airguard - (Includes Items Below) Whole Goods Only .....	1
15	N73831	Hyd Hose - 3/4 x 60 Lg - 1 1/16-12 FJIC (#12) .....	2
16	N74251	Hyd Hose - 1/2 x 36 Lg - 7/8-14 FJIC (#10) .....	1
17	D-4808	Clamp - Hose Support .....	2
18	A37966	Bushing .....	1
19	G74274	Airguard Bolt Kit - (Includes Items Below) Whole Goods Only .....	1
20	W-480	Hex Head Bolt - 3/8 x 2 1/2 Lg .....	2
21	D-5279	Flange Lock Nut - 3/8 .....	2
	N74272	Airguard Cooler Kit - Tow Behind - (Includes All Items Above) Whole Goods Only	
	N74273	Airguard Cooler Kit - Tow Between - (Includes Items 1, 2, 6, and 14) Whole Goods Only	



# Air Guard System Cooler Assembly



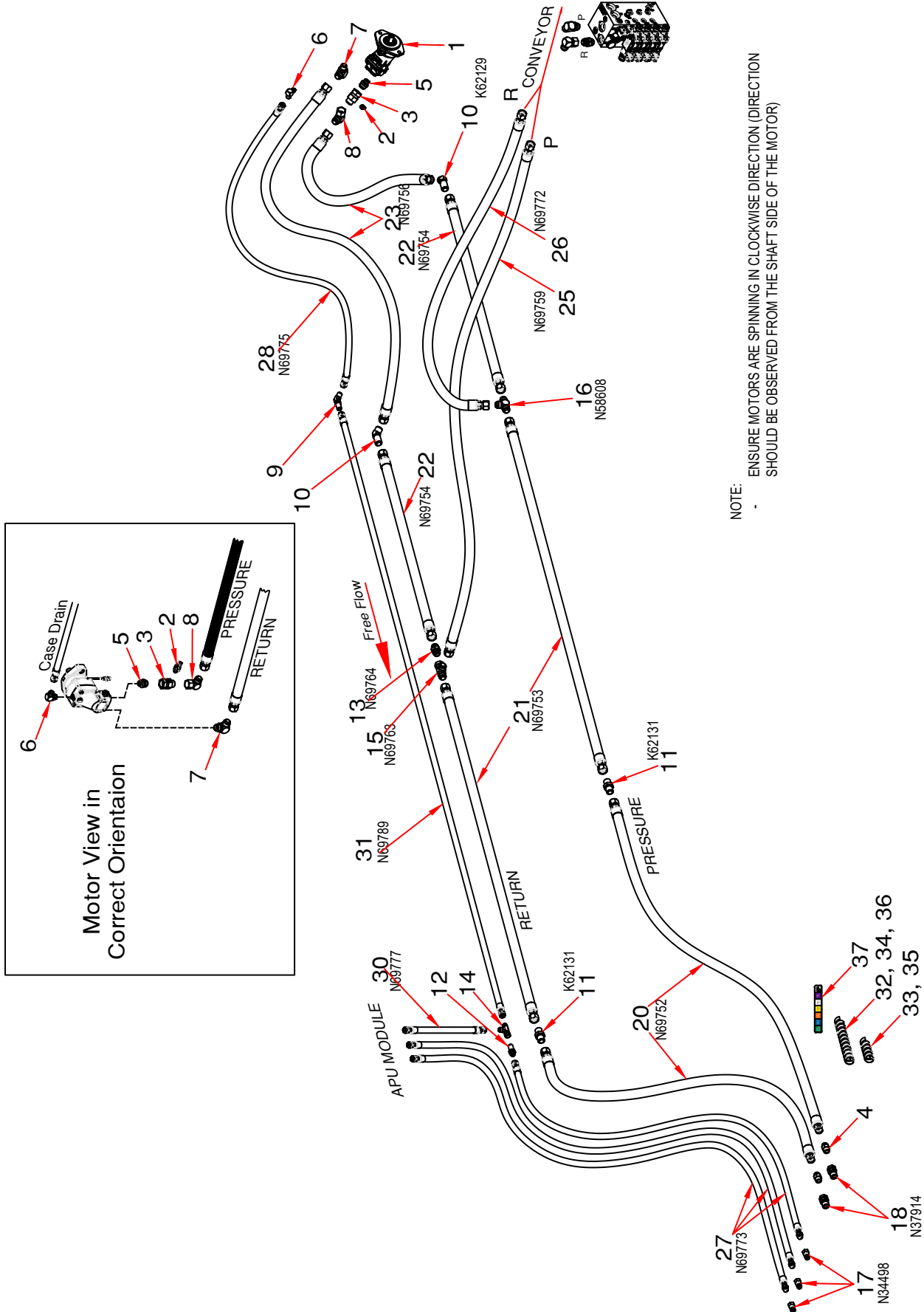
Item	Part No.	Description	Qty
	<b>N69860</b>	<b>Cooler - 7995 - (Includes All Items Below)</b>	
1	7998	Relief Cartridge.....	1
2	7997	Logic Cartridge .....	1
3	7994	BP System Manifold V2 .....	1
4	7603	Pressure Guage - 2.....	1
5	7568	Mesh Screen - BP System.....	1
6	7546	Main Bracket - BP System.....	1
7	7516	Locknut - 10mm GR 8.8 .....	4
8	7515	Hex Bolt - 10mm x 25mm GR 8.8 .....	4
9	7507	Fitting - Union - 3/4 MORB x 3/4 MORB.....	1
10	7506	90 Elbow - 3/4 MJIC x 3/4 MORB.....	1
11	7503	Oil Cooler - Aluminum Core.....	1
12	7276	Stainless Steel Hydraulic Tube .....	1
13	7238	Fitting - Straight - 3/4 MJIC x 1 FJIC .....	1

# Section 8: Hydraulics

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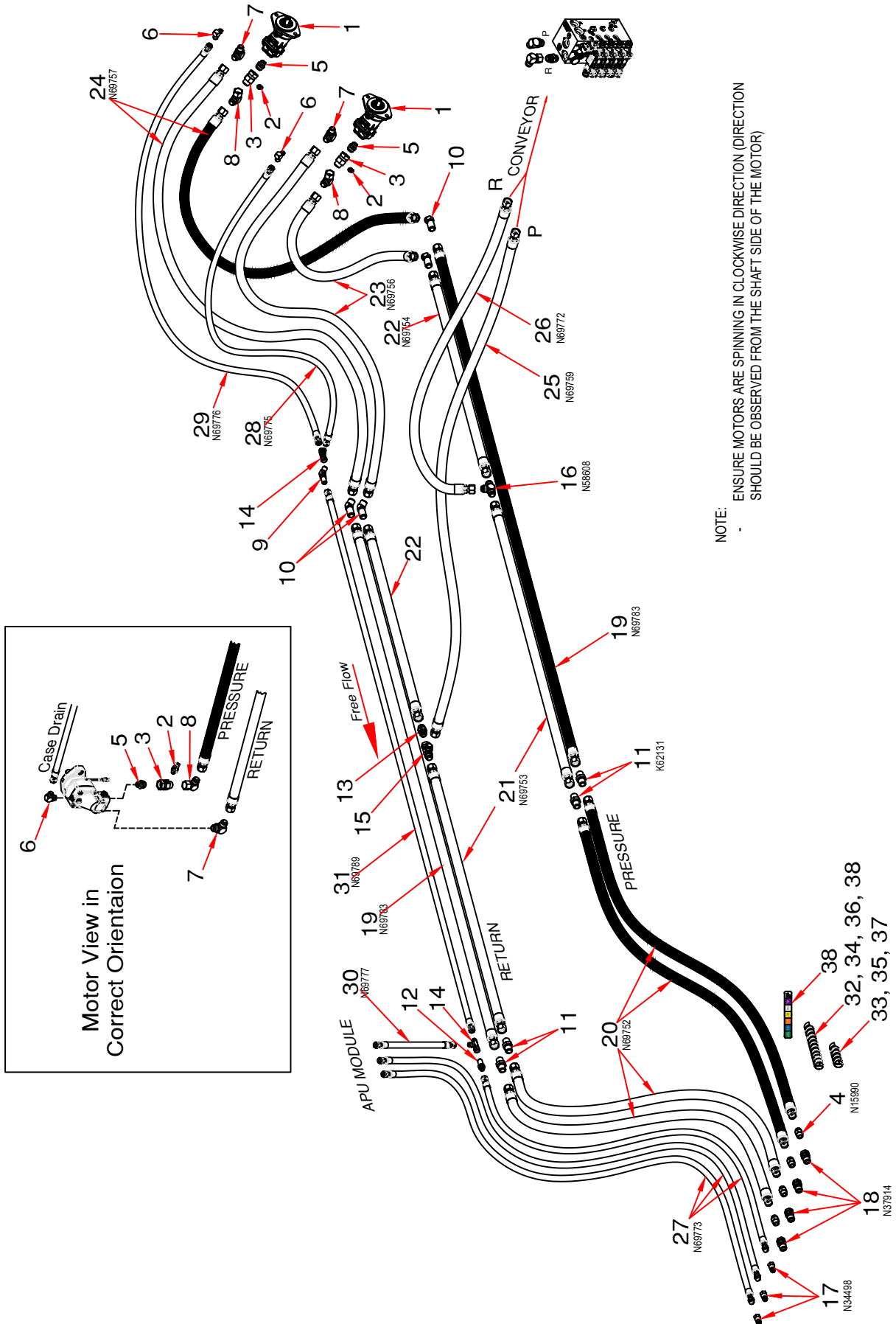
# Tow Behind Hydraulics Single Fan with Conveyor



## Tow Behind Hydraulics - Single Fan with Conveyor

Item	Part No.	Description	Qty
1	N69870	Orbit Motor - Parker 19cc - See Section 7 - (N69871 - Shaft Seal) .....	1
	<b>N69751</b>	<b>Hyd Fittings Kit - Tow Behind Single Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
2	N64583	Coupler - Test Port - 7/16-20 (#4) MORB .....	1
3	N64584	Tee - Gauge Port - 1 5/16-12 (#16) MJIC X 1 5/16-12 (#16) FJIC x 7/16-20 (#4) FORB ....	1
4	N15990	Connector - 1 1/16-12 MORB (#12) x 1-1/16-12 MJIC (#12) .....	2
5	N58602	Connector - 1 1/16-12 MORB (#12) x 1 5/16-12 MJIC (#16) .....	2
6	S39505	90 Elbow - 7/8-14 MJIC (#10) x 9/16-18 MORB (#6) .....	2
7	N58606	90 Elbow - 1 5/16-12 MJIC (#16) x 1 1/16-12 MORB (#12) .....	2
8	N58171	90 Elbow - 1 5/16-12 MJIC (#16) x 1 5/16-12 FJIC (#16) .....	2
9	K53616	Bulk Head 45 Elbow - 7/8-14 MJIC (#10) .....	1
10	<b>K62129</b>	<b>Bulk Head 45 Elbow - 1 5/16-12 MJIC (#16) .....</b>	<b>2</b>
11	K62131	Bulk Head Union - 1 5/16-12 MJIC (#16) .....	2
12	N69806	Bulk Head Union - 7/8-14 MJIC (#10) .....	1
13	<b>N69764</b>	<b>Check Valve - 1 5/16-12 MJIC (#16) (Located in Conveyor Polybag G69902) .....</b>	<b>1</b>
14			
15	N69763	Tee - (2) 1 5/16-12 MJIC (#16) x (1) 1 5/16-12 FJIC (#16) MMF .....	1
16	N58608	Tee - 1 5/16-12 MJIC (#16) .....	1
	<b>N69750</b>	<b>Hyd Hose Kit - Tow Behind Single Fan with Conveyor- (Includes Items Below) Whole Goods Only</b>	
	<b>N73605</b>	<b>Small Frame Hose Kit - Tow Behind Single Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
19			
20	N69752	Hyd Hose - 1 x 300 Lg - 1 5/16-12 FJIC (#16) x 1 1/16-12 FJIC (#12) .....	2
21	N69753	Hyd Hose - 1 x 204 Lg - 1 5/16-12 FJIC (#16) .....	2
	<b>N73054</b>	<b>Hyd Hose - 1 x 180 Lg - 1 5/16-12 FJIC (#16) - Small Frame .....</b>	<b>2</b>
22	<b>N69754</b>	<b>Hyd Hose - 1 x 84 Lg - 1 5/16-12 FJIC (#16) .....</b>	<b>2</b>
23	N69756	Hyd Hose - 1 x 74 Lg - 1 5/16-12 FJIC (#16) .....	2
24			
25	N69759	Hyd Hose - 1 x 150 Lg - 1 5/16-12 FJIC (#16) .....	1
26	N69772	Hyd Hose - 1 x 60 Lg - 1 5/16-12 FJIC (#16) .....	1
27	N69773	Hyd Hose - 1/2 x 300 Lg - 7/8-14 FJIC (#10) x 7/8-14 MORB (#10) .....	3
28	N69775	Hyd Hose - 1/2 x 80 Lg - 7/8-14 FJIC (#10) .....	1
29			
30	N69777	Hyd Hose - 1/2 x 72 Lg - 7/8-14 FJIC (#10) .....	1
31	N69789	Hyd Hose - 1/2 x 290 Lg - 7/8-14 FJIC (#10) .....	1
	<b>N73057</b>	<b>Hyd Hose - 1/2 x 266 Lg - 7/8-14 FJIC (#10) - Small Frame .....</b>	<b>1</b>
	<b>G69900</b>	<b>Polybag - Tow Behind Single Fan with Conveyor- (Includes Items Below) Whole Goods Only</b>	
17	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB .....	3
18	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB .....	2
32	N74321	Hose Wrap - YELLOW - 11" - Pressure - Case Drain .....	1
33	N74326	Hose Wrap - ORANGE - 5" - Return - APU .....	1
34	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
35	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
36	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
37	N74334	Decal - Hose Wrap Identification .....	1

# Tow Behind Hydraulics Dual Fan with Conveyor



## Tow Behind Hydraulics - Dual Fan with Conveyor

Item	Part No.	Description	Qty
1	N69870	Orbit Motor - Parker 19cc - See Section 7 - (N69871 - Shaft Seal) .....	2
	<b>N69751</b>	<b>Hyd Fittings Kit - Tow Behind Single Fan with Conveyor - PLUS -</b>	
	<b>N69808</b>	<b>Hyd Fittings Kit - Tow Behind Dual Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
2	N64583	Coupler - Test Port - 7/16-20 (#4) MORB .....	2
3	N64584	Tee - Gauge Port - 1 5/16-12 (#16) MJIC X 1 5/16-12 (#16) FJIC x 7/16-20 (#4) FORB ....	2
4	N15990	Connector - 1 1/16-12 MORB (#12) x 1-1/16-12 MJIC (#12).....	4
5	N58602	Connector - 1 1/16-12 MORB (#12) x 1 5/16-12 MJIC (#16).....	2
6	S39505	90 Elbow - 7/8-14 MJIC (#10) x 9/16-18 MORB (#6) .....	2
7	N58606	90 Elbow - 1 5/16-12 MJIC (#16) x 1 1/16-12 MORB (#12) .....	2
8	N58171	90 Elbow - 1 5/16-12 MJIC (#16) x 1 5/16-12 FJIC (#16) .....	2
9	K53616	Bulk Head - 45 Elbow - 7/8-14 MJIC (#10) .....	1
10	<b>K62129</b>	<b>Bulk Head - 45 Elbow - 1 5/16-12 MJIC (#16) .....</b>	<b>4</b>
11	K62131	Bulk Head Union - 1 5/16-12 MJIC (#16) .....	4
12	N69806	Bulk Head Union - 7/8-14 MJIC (#10).....	1
13	<b>N69764</b>	<b>Check Valve - 1 5/16-12 MJIC (#16) (Located in Conveyor Polybag G69902) .....</b>	<b>1</b>
14	N69766	Tee - (2) 7/8-14 MJIC (#10) x (1) 7/8-14 FJIC (#10) MMF .....	1
15	N69763	Tee - (2) 1 5/16-12 MJIC (#16) x (1) 1 5/16-12 FJIC (#16) MMF .....	1
16	N58608	Tee - 1 5/16-12 MJIC (#16) .....	1
	<b>N69750</b>	<b>Hyd Hose Kit - Tow Behind Single Fan with Conveyor - PLUS - N69807</b>	
	<b>N69807</b>	<b>Hyd Hose Kit - Tow Behind Dual Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
	<b>N73605</b>	<b>Small Frame Hose Kit - Tow Behind Single Fan with Conveyor - PLUS - N73606</b>	
	<b>N73606</b>	<b>Small Frame Hose Kit - Tow Behind Single Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
19	N69783	Hyd Hose - 1 x 290 Lg - 1 5/16-12 FJIC (#16).....	2
	<b>N73056</b>	<b>Hyd Hose - 1 x 266 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>1</b>
20	N69752	Hyd Hose - 1 x 300 Lg - 1 5/16-12 FJIC (#16) x 1 1/16-12 FJIC (#12).....	4
21	N69753	Hyd Hose - 1 x 204 Lg - 1 5/16-12 FJIC (#16).....	2
	<b>N73054</b>	<b>Hyd Hose - 1 x 180 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>2</b>
22	N69754	Hyd Hose - 1 x 84 Lg - 1 5/16-12 FJIC (#16).....	2
23	N69756	Hyd Hose - 1 x 74 Lg - 1 5/16-12 FJIC (#16).....	2
24	N69757	Hyd Hose - 1 x 110 Lg - 1 5/16-12 FJIC (#16) .....	2
25	N69759	Hyd Hose - 1 x 150 Lg - 1 5/16-12 FJIC (#16).....	1
26	N69772	Hyd Hose - 1 x 60 Lg - 1 5/16-12 FJIC (#16).....	1
27	N69773	Hyd Hose - 1/2 x 300 Lg - 7/8-14 FJIC (#10) x 7/8-14 MORB (#10).....	3
28	N69775	Hyd Hose - 1/2 x 80 Lg - 7/8-14 FJIC (#10).....	1
29	N69776	Hyd Hose - 1/2 x 116 Lg - 7/8-14 FJIC (#10) .....	1
30	N69777	Hyd Hose - 1/2 x 72 Lg - 7/8-14 FJIC (#10).....	1
31	N69789	Hyd Hose - 1/2 x 290 Lg - 7/8-14 FJIC (#10).....	1
	<b>N73057</b>	<b>Hyd Hose - 1/2 x 266 Lg - 7/8-14 FJIC (#10) - Small Frame.....</b>	<b>1</b>
	<b>G69900</b>	<b>Polybag - Tow Behind Single Fan with Conveyor - PLUS -</b>	
	<b>G69904</b>	<b>Polybag - Dual Fan - (Includes Items Below) Whole Goods Only</b>	
17	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB.....	3
18	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB .....	4
32	N74321	Hose Wrap - YELLOW - 11" - Case Drain .....	1
33	N74324	Hose Wrap - BLUE - 5" - Return - Fan 2.....	1
34	N74325	Hose Wrap - BLUE - 11" - Pressure - Fan 2.....	1
35	N74326	Hose Wrap - ORANGE - 5" - Return - APU .....	1
36	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
37	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
38	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
39	N74334	Decal - Hose Wrap Identification.....	1



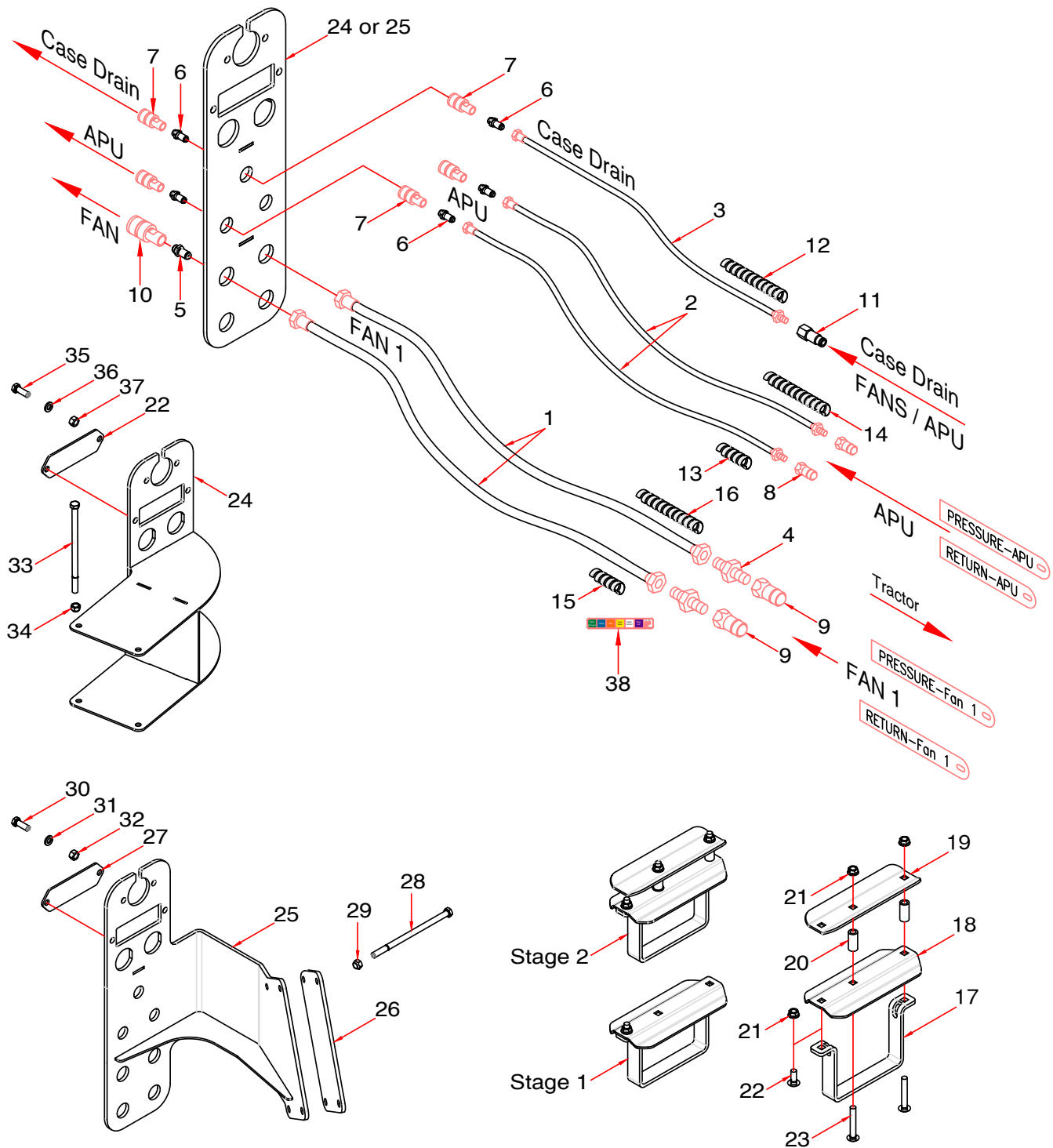


## Tow Behind Hydraulics - No Conveyor

Item	Part No.	Description	Qty
1	N69870	Orbit Motor - Parker 19cc - See Section 7 - (N69871 - Shaft Seal) .....	1
	<b>N69810</b>	<b>Hyd Fittings Kit - Tow Behind Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
2	N64583	Coupler - Test Port - 7/16-20 (#4) MORB .....	1
3	N64584	Tee - Gauge Port - 1 5/16-12 (#16) MJIC X 1 5/16-12 (#16) FJIC x 7/16-20 (#4) FORB ....	1
4	N15990	Connector - 1 1/16-12 MORB (#12) x 1-1/16-12 MJIC (#12).....	2
5	N58602	Connector - 1 1/16-12 MORB (#12) x 1 5/16-12 MJIC (#16).....	2
6	S39505	90 Elbow - 7/8-14 MJIC (#10) x 9/16-18 MORB (#6) .....	2
7	N58606	90 Elbow - 1 5/16-12 MJIC (#16) x 1 1/16-12 MORB (#12) .....	2
8	N58171	90 Elbow - 1 5/16-12 MJIC (#16) x 1 5/16-12 FJIC (#16) .....	2
9	K53616	Bulk Head 45 Elbow - 7/8-14 MJIC (#10) .....	1
10	K62129	Bulk Head 45 Elbow - 1 5/16-12 MJIC (#16).....	2
11	K62131	Bulk Head Union - 1 5/16-12 MJIC (#16) .....	2
12	N69806	Bulk Head Union - 7/8-14 MJIC (#10).....	1
13	N16346	Connector - 1 5/16-12 MJIC.....	2
	<b>N69809</b>	<b>Hyd Hose Kit - Tow Behind Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
	<b>N73585</b>	<b>Small Frame Hose Kit - Tow Behind Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
16	N69777	Hyd Hose - 1/2 x 72 Lg - 7/8-14 FJIC (#10).....	1
17	N69775	Hyd Hose - 1/2 x 80 Lg - 7/8-14 FJIC (#10).....	1
18	N69789	Hyd Hose - 1/2 x 290 Lg - 7/8-14 FJIC (#10).....	1
	<b>N73057</b>	<b>Hyd Hose - 1/2 x 266 Lg - 7/8-14 FJIC (#10) - Small Frame.....</b>	<b>1</b>
19	N69773	Hyd Hose - 1/2 x 300 Lg - 7/8-14 FJIC (#10) x 7/8-14 MORB (#10).....	3
20	N69752	Hyd Hose - 1 x 300 Lg - 1 5/16-12 FJIC (#16) x 1 1/16-12 FJIC (#12).....	2
21	N69753	Hyd Hose - 1 x 204 Lg - 1 5/16-12 FJIC (#16).....	2
	<b>N73054</b>	<b>Hyd Hose - 1 x 180 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>2</b>
22	N69754	Hyd Hose - 1 x 84 Lg - 1 5/16-12 FJIC (#16).....	2
23	N69756	Hyd Hose - 1 x 74 Lg - 1 5/16-12 FJIC (#16).....	2
	<b>G69905</b>	<b>Polybag - Tow Behind Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
14	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB.....	3
15	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB .....	2
24	N74321	Hose Wrap - YELLOW - 11" - Case Drain .....	1
25	N74326	Hose Wrap - ORANGE - 5" - Return - APU .....	1
26	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
27	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
28	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
29	N74334	Decal - Hose Wrap Identification.....	1



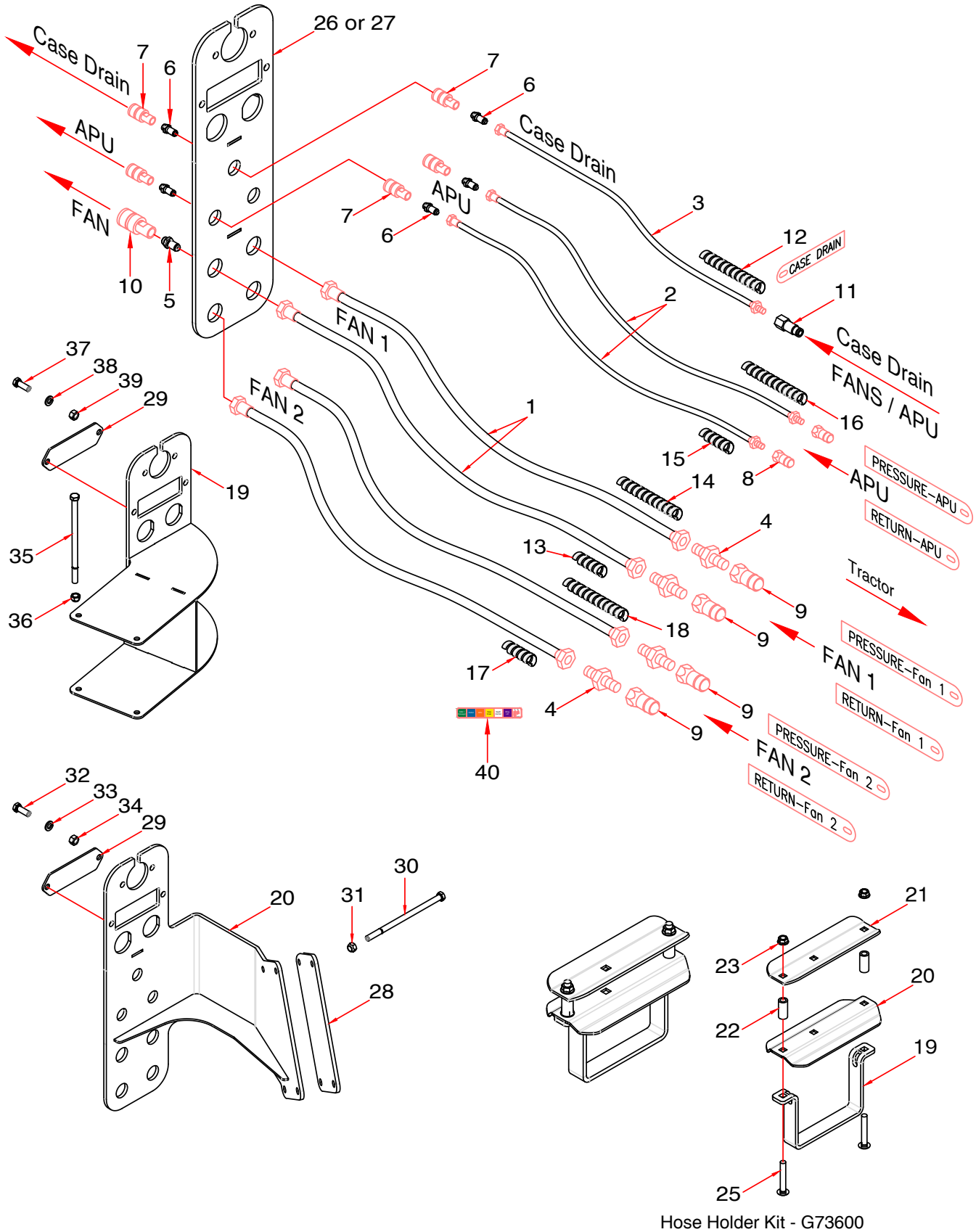
# Tow Behind Hydraulics Cross Tillage Kit for One Fan



## Tow Behind Hydraulics - Cross Tillage Kit for 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 .....	1
13	N74326	Hose Wrap - ORANGE - 5" - Return - APU .....	1
14	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
15	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
16	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
	<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 (Includes Items 1-23 and 25-32)	
	N73798	KIT:CROSS-TILL WIDE Q+10S 1FAN - Quantum 80 ft Only (Includes Items 1-24, 27 and 33-37)	
38	N74334	Decal - Hose Wrap Identification.....	1

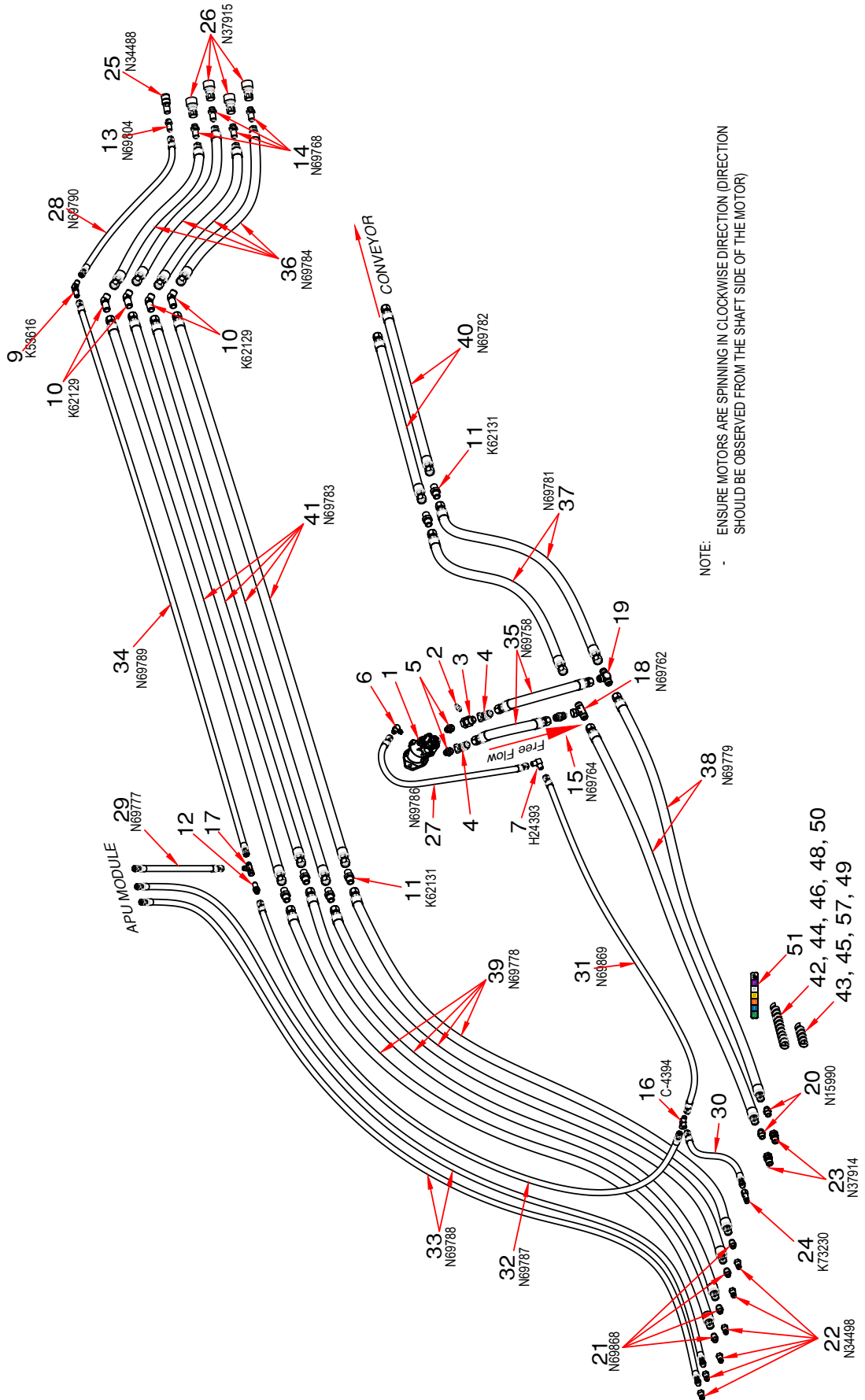
# Tow Behind Hydraulics Cross Tillage Kit for Two Fans



## Tow Behind Hydraulics - Cross Tillage Kit for 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 .....	1
13	N74324	Hose Wrap - BLUE - 5" - Return - Fan 2.....	1
14	N74325	Hose Wrap - BLUE - 11" - Pressure - Fan 2.....	1
15	N74326	Hose Wrap - ORANGE - 5" - Return - APU .....	1
16	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
17	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
18	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
	<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
		<a href="#">Order Kits Through Whole Goods Only</a>	
	N73797	KIT:CROSS-TILL STD Q+10S 2FAN - Quantum 40 ft to 70 ft (Includes Items 1-25 and 27-34)	
	N73799	KIT:CROSS-TILL WIDE Q+10S 2FAN - Quantum 80 ft Only (Includes Items 1-26, 29 and 35-39)	
40	N74334	Decal - Hose Wrap Identification.....	1

# Tow Between Hydraulics Single Fan with Conveyor



NOTE: ENSURE MOTORS ARE SPINNING IN CLOCKWISE DIRECTION (DIRECTION SHOULD BE OBSERVED FROM THE SHAFT SIDE OF THE MOTOR)

## Tow Between Hydraulics - Single Fan with Conveyor

Item	Part No.	Description	Qty
1	N69870	Orbit Motor - Parker 19cc - See Section 7 - (N69871 - Shaft Seal) .....	1
	<b>N69761</b>	<b>Hyd Fittings Kit - Tow Between Single Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
2	N64583	Coupler - Test Port - 7/16-20 (#4) MORB .....	1
3	N64584	Tee - Gauge Port - 1 5/16-12 (#16) MJIC X 1 5/16-12 (#16) FJIC x 7/16-20 (#4) FORB ....	1
4	N36382	45 Elbow - Swivel - 1 5/16-12 FJIC x 1 5/16-12 MJIC .....	2
5	N58602	Connector - 1 1/16-12 MORB (#12) x 1 5/16-12 MJIC (#16).....	2
6	S39505	90 Elbow - 7/8-14 MJIC (#10) x 9/16-18 MORB (#6) .....	1
7	H24393	90 Elbow - 7/8-14 MJIC .....	1
9	K53616	Bulk Head 45 Elbow - 7/8-14 MJIC (#10) .....	1
10	K62129	Bulk Head 45 Elbow - 1 5/16-12 MJIC (#16).....	4
11	K62131	Bulk Head Union - 1 5/16-12 MJIC (#16) .....	6
12	N69806	Bulk Head Union - 7/8-14 MJIC (#10).....	1
13	N69804	Bulk Head Union - 7/8-14 MJIC (#10) x 7/8-14 MORB (#10).....	1
14	N69768	Bulk Head Union - (1) 1 1/16"-12 MJIC X (1) 1 1/16"-12 MORB .....	4
15	N69764	Check Valve - 1 5/16-12 MJIC (#16) <b>(Located in Conveyor Polybag G69902)</b> .....	1
16	C-4394	Tee - (3) 7/8-14 MJIC .....	1
17	N69766	Tee - (2) 7/8-14 MJIC (#10) x (1) 7/8-14 FJIC (#10) MMF .....	1
18	N69762	Tee - (2) 1 5/16-12 MJIC (#16) x (1) 1 5/16-12 FJIC (#16) MFM .....	1
19	N58608	Tee - 1 5/16-12 MJIC (#16) .....	1
20	N15990	Connector - 1 1/16-12 MORB (#12) x 1-1/16-12 MJIC (#12).....	2
21	N69868	Connector - 1 1/16-12 MJIC X 7/8-14 MORB .....	4
	<b>N69760</b>	<b>Hyd Hose Kit - Tow Between Single Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
	<b>N73607</b>	<b>Small Frame Hose Kit - Tow Between Single Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
27	N69786	Hyd Hose - 1/2 x 36 - 7/8-14 FJIC (#10).....	1
28	N69790	Hyd Hose - 1/2 x 48 - 7/8-14 FJIC (#10).....	1
29	N69777	Hyd Hose - 1/2 x 72 - 7/8-14 FJIC (#10).....	1
30	N69785	Hyd Hose - 1/2 x 72 - 7/8-14 FJIC (#10) x 3/4-16 MORB (#8).....	1
31	<b>N69869</b>	Hyd Hose - 1/2 x 80 - 7/8-14 FJIC (#10) <b>(N69775)</b> .....	1
32	N69787	Hyd Hose - 1/2 x 148 - 7/8-14 FJIC (#10).....	1
33	N69788	Hyd Hose - 1/2 x 228 - 7/8-14 FJIC (#10) x 3/4-16 MORB (#8).....	2
34	N69789	Hyd Hose - 1/2 x 290 - 7/8-14 FJIC (#10).....	1
	<b>N73057</b>	<b>Hyd Hose - 1/2 x 266 Lg - 7/8-14 FJIC (#10) - Small Frame.....</b>	<b>1</b>
35	<b>N69758</b>	<b>Hyd Hose 1 x 18 - 1 5/16-12 FJIC (#16).....</b>	<b>2</b>
36	<b>N69784</b>	<b>Hyd Hose 1 x 48 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC (#16) .....</b>	<b>4</b>
37	<b>N69781</b>	<b>Hyd Hose 1 x 60 - 1 5/16-12 FJIC (#16).....</b>	<b>2</b>
38	<b>N69779</b>	<b>Hyd Hose 1 x 162 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC.....</b>	<b>2</b>
39	<b>N69778</b>	<b>Hyd Hose 1 x 228 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC (#16) .....</b>	<b>4</b>
40	N69782	Hyd Hose 1 x 246 - 1 5/16-12 FJIC (#16).....	2
	<b>N73055</b>	<b>Hyd Hose - 1 x 222 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>2</b>
41	N69783	Hyd Hose 1 x 290 - 1 5/16-12 FJIC (#16) .....	4
	<b>N73056</b>	<b>Hyd Hose - 1 x 266 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>4</b>
	<b>G69901</b>	<b>Polybag - Tow Between Single Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
22	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB.....	6
23	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB .....	2
24	K73230	3/8 Flat Face Tip - 3/4-16 (#08) FORB (FF491-3-8-CV).....	1
25	N34488	1/2 Female Pioneer Coupler - 7/8-14 FORB.....	1
26	N37915	3/4 Female Pioneer Coupler - 1 1/16-12 MORB .....	4
42	N74321	Hose Wrap - YELLOW - 11" - Pressure - Case Drain.....	1
43	N74322	Hose Wrap - WHITE - 5" - Return - Depth Control.....	1
44	N74323	Hose Wrap - WHITE - 11" - Pressure - Depth Control.....	1
45	N74326	Hose Wrap - ORANGE - 5" - Return - APU.....	1
46	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
47	N74328	Hose Wrap - PURPLE - 5" - Return - Wing Lift.....	1
48	N74329	Hose Wrap - PURPLE - 11" - Pressure - Wing Lift .....	1
49	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
50	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
51	N74334	Decal - Hose Wrap Identification.....	1





## Tow Between Hydraulics - Dual Fans with Conveyor

Item	Part No.	Description	Qty
1	N69870 <b>N69761</b> <b>N69812</b>	Orbit Motor - Parker 19cc - See Section 7 - (N69871 - Shaft Seal) ..... <b>Hyd Fittings Kit - Tow Between Single Fan with Conveyor - PLUS -</b> <b>Hyd Fittings Kit - Tow Between Dual Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	2
2	N64583	Coupler - Test Port - 7/16-20 (#4) MORB .....	2
3	N64584	Tee - Gauge Port - 1 5/16-12 (#16) MJIC X 1 5/16-12 (#16) FJIC x 7/16-20 (#4) FORB ....	2
4	N36382	45 Elbow - Swivel - 1 5/16-12 FJIC x 1 5/16-12 MJIC .....	2
5	N58602	Connector - 1 1/16-12 MORB (#12) x 1 5/16-12 MJIC (#16).....	4
6	S39505	90 Elbow - 7/8-14 MJIC (#10) x 9/16-18 MORB (#6) .....	2
7	H24393	90 Elbow - 7/8-14 MJIC .....	1
9	K53616	Bulk Head 45 Elbow - 7/8-14 MJIC (#10) .....	1
10	K62129	Bulk Head 45 Elbow - 1 5/16-12 MJIC (#16).....	4
11	K62131	Bulk Head Union - 1 5/16-12 MJIC (#16) .....	6
12	N69806	Bulk Head Union - 7/8-14 MJIC (#10) .....	1
13	N69804	Bulk Head Union - 7/8-14 MJIC (#10 ) x 7/8-14 MORB (#10).....	1
14	N69768	Bulk Head Union - (1) 1 1/16"-12 MJIC X (1) 1 1/16"-12 MORB .....	4
15	N69764	Check Valve - 1 5/16-12 MJIC (#16) <b>(Located in Conveyor Polybag G69902)</b> .....	1
16	C-4394	Tee - (3) 7/8-14 MJIC .....	1
17	N69766	Tee - (2) 7/8-14 MJIC (#10) x (1) 7/8-14 FJIC (#10) MMF .....	2
18	N69762	Tee - (2) 1 5/16-12 MJIC (#16) x (1) 1 5/16-12 FJIC (#16) MFM .....	1
19	N58608	Tee - 1 5/16-12 MJIC (#16) .....	1
20	N15990	Connector - 1 1/16-12 MORB (#12) x 1-1/16-12 MJIC (#12).....	2
21	N69868	Connector - 1 1/16-12 MJIC X 7/8-14 MORB .....	4
	<b>N69760</b>	<b>Hyd Hose Kit - Tow Between Single Fan with Conveyor - PLUS - N69811</b>	
	<b>N73607</b>	<b>Small Frame Hose Kit - Tow Between Single Fan with Conveyor - PLUS - N69811</b>	
	<b>N69811</b>	<b>Hyd Hose Kit - Tow Between Dual Fan with Conveyor - (Includes Items Below) Whole Goods Only</b>	
27	N69786	Hyd Hose - 1/2 x 36 - 7/8-14 FJIC (#10).....	1
28	N69790	Hyd Hose - 1/2 x 48 - 7/8-14 FJIC (#10).....	1
29	N69777	Hyd Hose - 1/2 x 72 - 7/8-14 FJIC (#10).....	1
30	N69785	Hyd Hose - 1/2 x 72 - 7/8-14 FJIC (#10) x 3/4-16 MORB (#8).....	1
31	<b>N69869</b>	Hyd Hose - 1/2 x 80 - 7/8-14 FJIC (#10) <b>(N69775)</b> .....	1
32	N69787	Hyd Hose - 1/2 x 148 - 7/8-14 FJIC (#10).....	1
33	N69788	Hyd Hose - 1/2 x 228 - 7/8-14 FJIC (#10) x 3/4-16 MORB (#8).....	2
34	N69789	Hyd Hose - 1/2 x 290 - 7/8-14 FJIC (#10).....	1
	<b>N73057</b>	<b>Hyd Hose - 1/2 x 266 Lg - 7/8-14 FJIC (#10) - Small Frame.....</b>	<b>1</b>
35	N69758	Hyd Hose 1 x 18 - 1 5/16-12 FJIC (#16) .....	2
36	N69784	Hyd Hose 1 x 48 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC (#16) .....	4
37	N69781	Hyd Hose 1 x 60 - 1 5/16-12 FJIC (#16) .....	2
38	N69779	Hyd Hose 1 x 162 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC .....	4
39	N69778	Hyd Hose 1 x 228 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC (#16) .....	4
40	N69782	Hyd Hose 1 x 246 - 1 5/16-12 FJIC (#16).....	2
	<b>N73055</b>	<b>Hyd Hose - 1 x 222 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>2</b>
41	N69783	Hyd Hose 1 x 290 - 1 5/16-12 FJIC (#16).....	4
	<b>N73056</b>	<b>Hyd Hose - 1 x 266 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>4</b>
	<b>G69901</b>	<b>Polybag - Tow Between Single Fan with Conveyor - PLUS -</b>	
	<b>G69904</b>	<b>Polybag - Dual Fan - (Includes Items Below) Whole Goods Only</b>	
22	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB.....	6
23	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB.....	2
24	K73230	3/8 Flat Face Tip - 3/4-16 (#08) FORB (FF491-3-8-CV).....	1
25	N34488	1/2 Female Pioneer Coupler - 7/8-14 FORB.....	1
26	N37915	3/4 Female Pioneer Coupler - 1 1/16-12 MORB.....	4
42	N74321	Hose Wrap - YELLOW - 11" - Pressure - Case Drain .....	1
43	N74322	Hose Wrap - WHITE - 5" - Return - Depth Control.....	1
44	N74323	Hose Wrap - WHITE - 11" - Pressure - Depth Control.....	1
45	N74324	Hose Wrap - BLUE - 5" - Return - Fan 2.....	1
46	N74325	Hose Wrap - BLUE - 11" - Pressure - Fan 2.....	1
47	N74326	Hose Wrap - ORANGE - 5" - Return - APU.....	1
48	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
49	N74328	Hose Wrap - PURPLE - 5" - Return - Wing Lift.....	1
50	N74329	Hose Wrap - PURPLE - 11" - Pressure - Wing Lift .....	1
51	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
52	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
53	N74334	Decal - Hose Wrap Identification.....	1

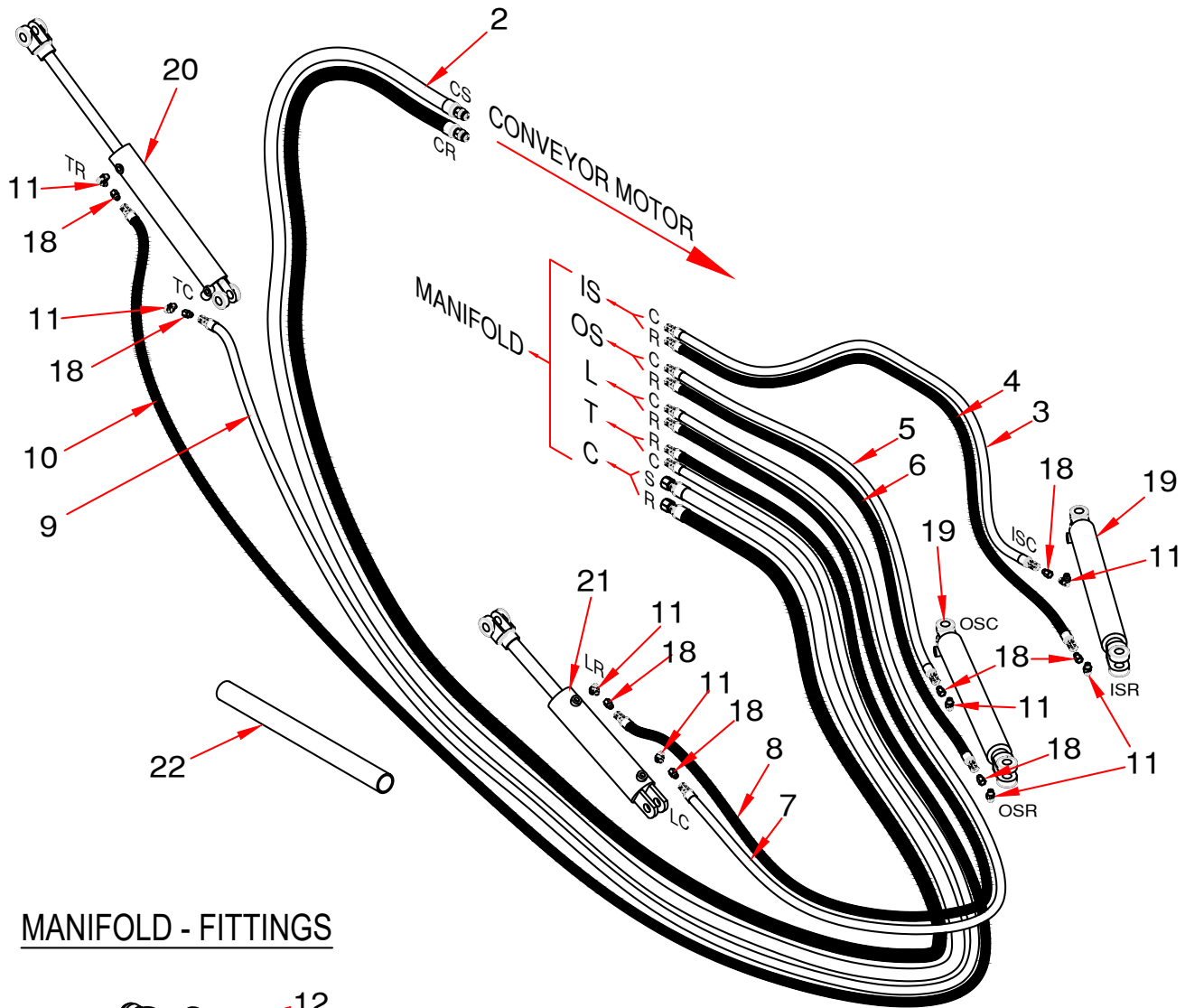




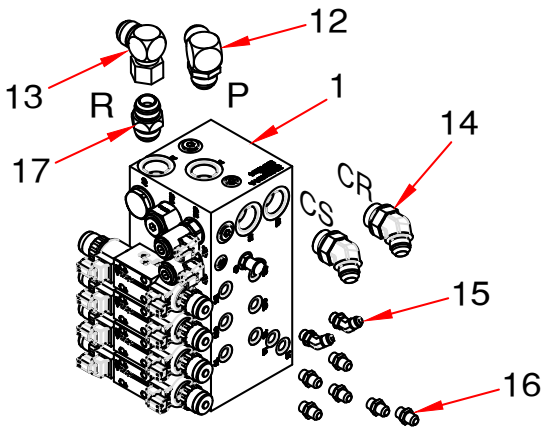
## Tow Between Hydraulics - No Conveyor

Item	Part No.	Description	Qty
1	N69870	Orbit Motor - Parker 19cc - See Section 7 - (N69871 - Shaft Seal) .....	1
	<b>N69814</b>	<b>Hyd Fittings Kit - Tow Between Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
2	N64583	Coupler - Test Port - 7/16-20 (#4) MORB .....	1
3	N64584	Tee - Gauge Port - 1 5/16-12 (#16) MJIC X 1 5/16-12 (#16) FJIC x 7/16-20 (#4) FORB ...	1
4	N36382	45 Elbow - Swivel - 1 5/16-12 FJIC x 1 5/16-12 MJIC .....	2
5	N58602	Connector - 1 1/16-12 MORB (#12) x 1 5/16-12 MJIC (#16).....	2
6	S39505	90 Elbow - 7/8-14 MJIC (#10) x 9/16-18 MORB (#6) .....	1
7	H24393	90 Elbow - 7/8-14 MJIC .....	1
9	K53616	Bulk Head 45 Elbow - 7/8-14 MJIC (#10) .....	1
10	K62129	Bulk Head 45 Elbow - 1 5/16-12 MJIC (#16).....	4
11	K62131	Bulk Head Union - 1 5/16-12 MJIC (#16) .....	6
12	N69806	Bulk Head Union - 7/8-14 MJIC (#10).....	1
13	N69804	Bulk Head Union - 7/8-14 MJIC (#10) x 7/8-14 MORB (#10).....	1
14	N69768	Bulk Head Union - (1) 1 1/16"-12 MJIC X (1) 1 1/16"-12 MORB.....	4
15			
16	C-4394	Tee - (3) 7/8-14 MJIC .....	1
17	N69766	Tee - (2) 7/8-14 MJIC (#10) x (1) 7/8-14 FJIC (#10) MMF .....	1
18	N69762	Tee - (2) 1 5/16-12 MJIC (#16) x (1) 1 5/16-12 FJIC (#16) MFM .....	1
19	N58608	Tee - 1 5/16-12 MJIC (#16) .....	1
20	N15990	Connector - 1 1/16-12 MORB (#12) x 1-1/16-12 MJIC (#12).....	2
21	N69868	Connector - 1 1/16-12 MJIC X 7/8-14 MORB .....	4
22	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB.....	6
23	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB.....	2
24	K73230	3/8 Flat Face Tip - 3/4-16 (#08) FORB (FF491-3-8-CV).....	1
	<b>N69813</b>	<b>Hyd Hose Kit - Tow Between Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
	<b>N73586</b>	<b>Small Frame Hose Kit - Tow Between Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
27	N69786	Hyd Hose - 1/2 x 36 - 7/8-14 FJIC (#10).....	1
28	N69790	Hyd Hose - 1/2 x 48 - 7/8-14 FJIC (#10).....	1
29	N69777	Hyd Hose - 1/2 x 72 - 7/8-14 FJIC (#10).....	1
30	N69785	Hyd Hose - 1/2 x 72 - 7/8-14 FJIC (#10) x 3/4-16 MORB (#8).....	1
31	<b>N69869</b>	Hyd Hose - 1/2 x 80 - 7/8-14 FJIC (#10) ( <b>N69775</b> ).....	1
32	N69787	Hyd Hose - 1/2 x 148 - 7/8-14 FJIC (#10).....	1
33	N69788	Hyd Hose - 1/2 x 228 - 7/8-14 FJIC (#10) x 3/4-16 MORB (#8).....	2
34	N69789	Hyd Hose - 1/2 x 290 - 7/8-14 FJIC (#10).....	1
	<b>N73057</b>	<b>Hyd Hose - 1/2 x 266 Lg - 7/8-14 FJIC (#10) - Small Frame.....</b>	<b>1</b>
35	N69758	Hyd Hose 1 x 18 - 1 5/16-12 FJIC (#16) .....	2
36	N69784	Hyd Hose 1 x 48 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC (#16).....	4
38	N69779	Hyd Hose 1 x 162 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC .....	2
39	N69778	Hyd Hose 1 x 228 - 1 1/16-12 FJIC (#12) x 1 5/16-12 FJIC (#16).....	4
41	N69783	Hyd Hose 1 x 290 - 1 5/16-12 FJIC (#16).....	4
	<b>N73056</b>	<b>Hyd Hose - 1 x 266 Lg - 1 5/16-12 FJIC (#16) - Small Frame.....</b>	<b>4</b>
	<b>G69907</b>	<b>Polybag - Tow Between Single Fan without Conveyor - (Includes Items Below) Whole Goods Only</b>	
25	N34488	1/2 Female Pioneer Coupler - 7/8-14 FORB.....	1
26	N37915	3/4 Female Pioneer Coupler - 1 1/16-12 MORB.....	4
42	N74321	Hose Wrap - YELLOW - 11" - Pressure - Case Drain.....	1
43	N74322	Hose Wrap - WHITE - 5" - Return - Depth Control.....	1
44	N74323	Hose Wrap - WHITE - 11" - Pressure - Depth Control.....	1
45	N74326	Hose Wrap - ORANGE - 5" - Return - APU.....	1
46	N74327	Hose Wrap - ORANGE - 11" - Pressure - APU .....	1
47	N74328	Hose Wrap - PURPLE - 5" - Return - Wing Lift.....	1
48	N74329	Hose Wrap - PURPLE - 11" - Pressure - Wing Lift .....	1
49	N74330	Hose Wrap - GREEN - 5" - Return - Fan 1 / Conveyor .....	1
50	N74331	Hose Wrap - GREEN - 11" - Pressure - Fan 1 / Conveyor .....	1
51	N74334	Decal - Hose Wrap Identification.....	1

# Conveyor Hydraulics Arms No Lock



## MANIFOLD - FITTINGS



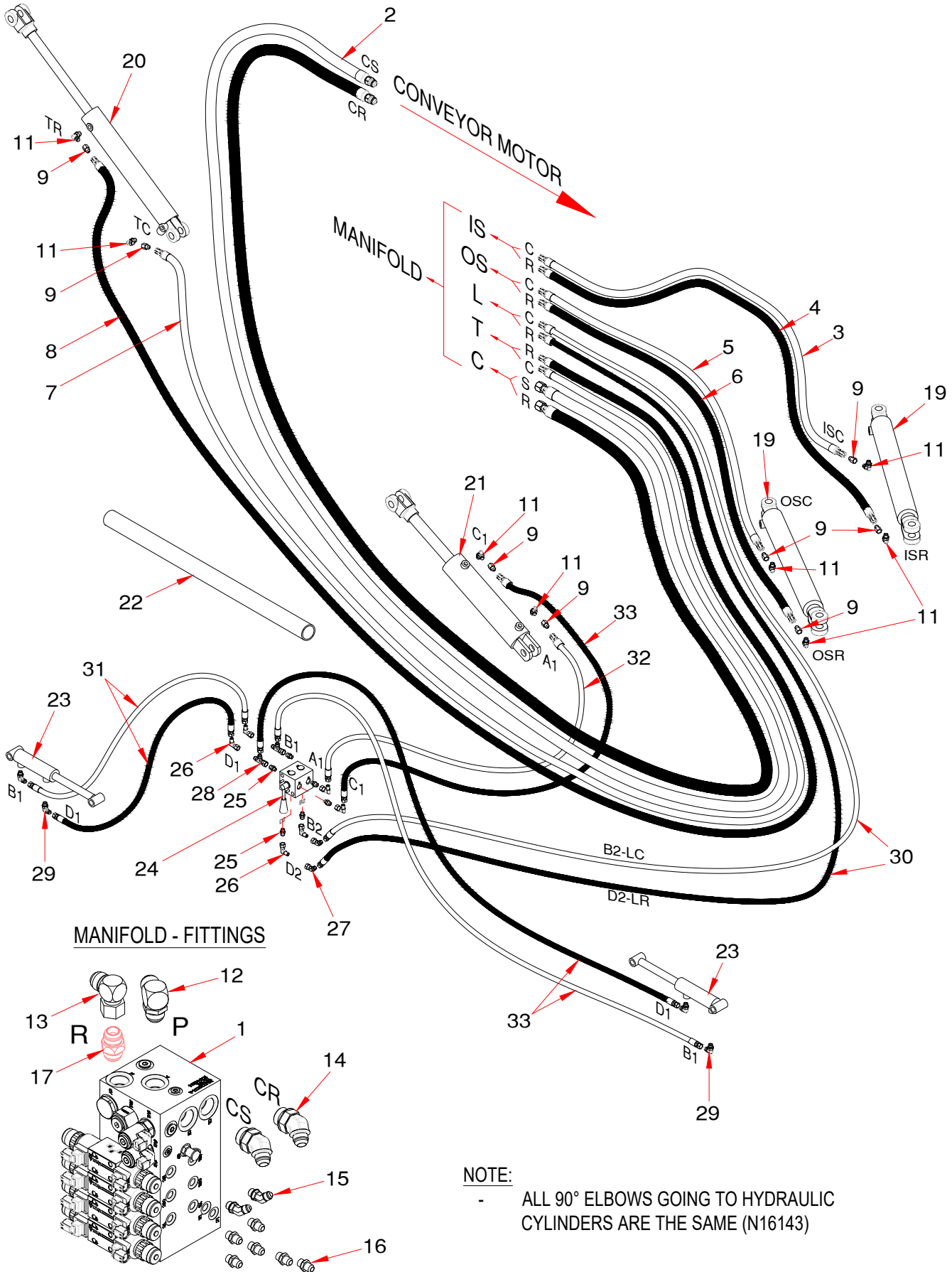
### NOTE:

- ALL 90° ELBOWS GOING TO HYDRAULIC CYLINDERS ARE THE SAME (N16143)

## Conveyor Hydraulics - Arms No Lock

Item	Part No.	Description	Qty
1	N70485	Manifold .....	1
	<b>N69770</b>	<b>Hyd Hose Kit - Conveyor</b> - (Includes Items Below) Whole Goods Only	
2	N69780	Hyd Hose - 3/4 x 276 - 1 1/16-12 FJIC (#12) x 1 1/16-12 MJIC (#12) .....	2
3	N69791	Hyd Hose - 3/8 x 36 Lg - 9/16-18 FJIC (#6).....	1
4	N69792	Hyd Hose - 3/8 x 56 Lg - 9/16-18 FJIC (#6).....	1
5	N69793	Hyd Hose - 3/8 x 50 Lg - 9/16-18 FJIC (#6).....	1
6	N69794	Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC (#6).....	1
7	N69795	Hyd Hose - 3/8 x 116 Lg - 9/16-18 FJIC (#6) .....	1
8	N69796	Hyd Hose - 3/8 x 126 Lg - 9/16-18 FJIC (#6).....	1
9	N69797	Hyd Hose - 3/8 x 240 Lg - 9/16-18 FJIC (#6).....	1
10	N69798	Hyd Hose - 3/8 x 252 Lg - 9/16-18 FJIC (#6).....	1
	<b>N69771</b>	<b>Hyd Fittings Kit - Conveyor</b> - (Includes Items Below) Whole Goods Only	
11	N16143	90 Elbow - 9/16-18 MJIC x 9/16-18 MORB .....	8
12	N58576	90 Elbow - 1 5/16-12 MJIC (#16) x 1 5/16-12 MORB (#16) .....	1
13	N58171	90 Elbow - 1 5/16-12 MJIC (#16) x 1 5/16-12 FJIC (#16) .....	1
14	N69769	45 Elbow - 1 1/16-12 FJIC (#12) x 1 5/16-12 MORB (#16) .....	2
15	N19578	45 Elbow - 9/16-18 MJIC x 9/16-18 MORB .....	2
16	N29358	Connector - 9/16-18 MJIC x 9/16-18 MORB .....	6
17	N58621	Connector - 1 5/16-12 MJIC (#16) x 1 5/16-12 MORB (#16).....	1
19	C47188	Cylinder - 2 1/2 x 18 - 1 1/4 Shaft (Seal Kit C51992) .....	2
20	C47335	Cylinder - 2 1/2 x 14 - 1 1/8 Shaft (Seal Kit C51993) .....	1
21	C55740	Cylinder - 3 x 10 - 1 1/2 Shaft (Seal Kit C60622) .....	1
22	N59028	Hose Cover - 3 Dia x 240 Lg - Flexible (velcro flap) .....	1
	<b>G69902</b>	<b>Polybag - Conveyor</b> - (Includes Items Below) Whole Goods Only	
18	N70486	Restrictor - .031" ORIFICE - (1) 9/16-18 MJIC X (1) 9/16-18 FJIC .....	8
	N69764	Check Valve - 1 5/16-12 MJIC (#16) (Shown in Fan Layouts pages 8-2, 8-4, 8-12, 8-14) ..	1
		<b>See Conveyor Section 6 for hydraulics on Conveyor</b>	

# Conveyor Hydraulics Arms with Lock



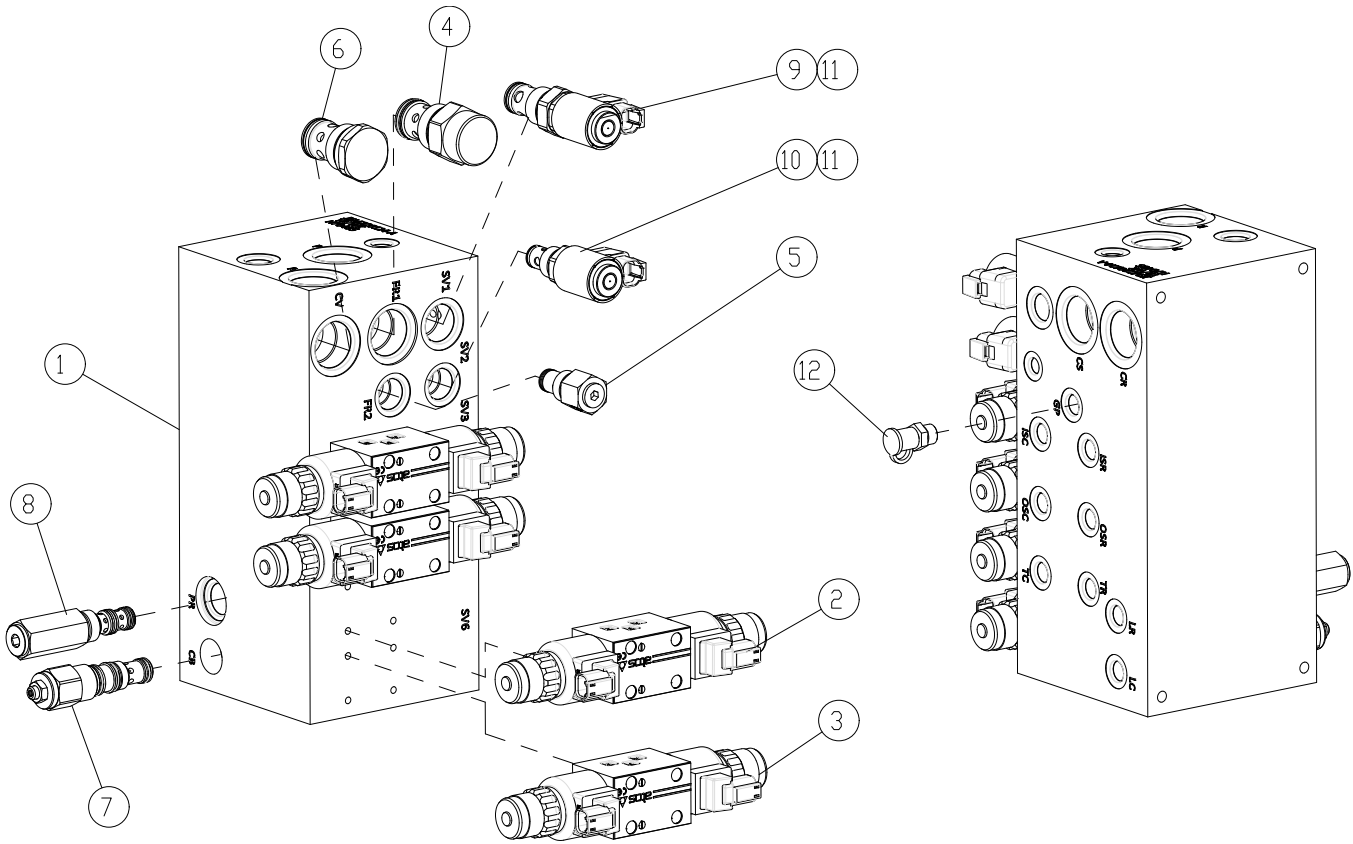
**NOTE:**  
- ALL 90° ELBOWS GOING TO HYDRAULIC CYLINDERS ARE THE SAME (N16143)

## Conveyor Hydraulics - Arms with Lock

Item	Part No.	Description	Qty
1	N70485 <b>N69770</b>	Manifold ..... <b>Hyd Hose Kit - Conveyor - (Includes Items Below) Whole Goods Only</b>	1
2	N69780	Hyd Hose - 3/4 x 276 - 1 1/16-12 FJIC (#12) x 1 1/16-12 MJIC (#12) .....	2
3	N69791	Hyd Hose - 3/8 x 36 Lg - 9/16-18 FJIC (#6).....	1
4	N69792	Hyd Hose - 3/8 x 56 Lg - 9/16-18 FJIC (#6).....	1
5	N69793	Hyd Hose - 3/8 x 50 Lg - 9/16-18 FJIC (#6).....	1
6	N69794	Hyd Hose - 3/8 x 72 Lg - 9/16-18 FJIC (#6).....	1
7	N69797	Hyd Hose - 3/8 x 240 Lg - 9/16-18 FJIC (#6).....	1
8	N69798 <b>G69902</b>	Hyd Hose - 3/8 x 252 Lg - 9/16-18 FJIC (#6)..... <b>Polybag - Conveyor - (Includes Items Below) Whole Goods Only</b>	1
9	N70486	Restrictor - .031" ORIFICE - (1) 9/16-18 MJIC X (1) 9/16-18 FJIC .....	8
10	N69764 <b>N69771</b>	Check Valve - 1 5/16-12 MJIC (#16) <b>(Shown in Fan Layouts pages 8-2, 8-4, 8-12, 8-14)</b> .. <b>Hyd Fittings Kit - Conveyor - (Includes Items Below) Whole Goods Only</b>	1
11	N16143	90 Elbow - 9/16-18 MJIC x 9/16-18 MORB.....	8
12	N58576	90 Elbow - 1 5/16-12 MJIC (#16) x 1 5/16-12 MORB (#16) .....	1
13	N58171	90 Elbow - 1 5/16-12 MJIC (#16) x 1 5/16-12 FJIC (#16) .....	1
14	N69769	45 Elbow - 1 1/16-12 FJIC (#12) x 1 5/16-12 MORB (#16).....	2
15	N19578	45 Elbow - 9/16-18 MJIC x 9/16-18 MORB.....	2
16	N29358	Connector - 9/16-18 MJIC x 9/16-18 MORB .....	6
17	N58621	Connector - 1 5/16-12 MJIC (#16) x 1 5/16-12 MORB (#16).....	1
19	C47188	Cylinder - 2 1/2 x 18 - 1 1/4 Shaft (Seal Kit C51992) .....	2
20	C47335	Cylinder - 2 1/2 x 14 - 1 1/8 Shaft (Seal Kit C51993) .....	1
21	C55740	Cylinder - 3 x 10 - 1 1/2 Shaft (Seal Kit C60622).....	1
22	N59028	Hose Cover - 3 Dia x 240 Lg - Flexible (velcro flap) .....	1
	<b>N73940</b>	<b>Lock Kit - See Conveyor Section 6 for complete details - (Includes Items Below)</b>	
23	C73895	Cylinder - 1 1/2 x 4 Stroke .....	2
24	N49933 <b>G73942</b>	Selector Valve - Conveyor Lock .....	1
		<b>Pbag - 10S - Conveyor Lock - Hyd Fittings - (Includes Items Below) Whole Goods Only.....</b>	1
25	S34115	Connector - 9/16-18 (#06) MJIC x 7/16-20 MORB.....	6
26	S29967	90 Elbow - Swivel - 9/16-18 (#06) FJIC x 9/16-18 (#06) MJIC .....	6
27	N58687	45 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) FJIC .....	2
28	C-4403	Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC (MMF).....	2
29	N16143 <b>N73943</b>	90 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB..... <b>Kit-10S-Conveyor-Lock-Hyd-Hoses - (Includes Items Below) Whole Goods Only .....</b>	4
30	N69796	Hyd Hose - 3/8 x 126 Lg - 9/16-18 FJIC (#6).....	2
31	S65411	Hyd Hose - 3/8 x 168 Lg - 9/16-18 FJIC Ends.....	2
32	N73891	Hyd Hose - 3/8 x 220 Lg - 9/16-18 FJIC (#6).....	1
33	N73918	Hyd Hose - 3/8 x 232 Lg - 9/16-18 FJIC (#6).....	3
		<b>See Conveyor Section 6 for hydraulics on Conveyor</b>	



## Hydraulics Valve Block - N70485



Item	Part No.	Description	Qty
1	N73710	Manifold Block .....	1
2	N73711	Soft Shift Valve (SDHL-0711/1/WP-XK 12DC) .....	3
3	N73712	MO Valve (SDHL-0713/WP-XK 12DC) .....	1
4	N73713	Flow Reg. - 21 Gpm (FR16-20F-0-N-21) .....	1
5	N73714	Flow Reg. - 7 Gpm (2410-7.0) .....	1
6	S67319	Check Valve (CV16-20-0-N-5) - 5 psi.....	1
7	N73716	Counter Balance - 2.3:1 .....	1
8	N73717	PR Valve - 500 psi (CP230-1-B-0-A-C-50) .....	1
9	N73718	Solenoid Valve - #12 (SVT0.S12.02.N00) .....	1
10	N73719	Solenoid Valve - #10 (SVT0.S10.02.N00) .....	1
11	N73720	Solenoid Coil W/ Duetsch (CCR0A.C12.10.08) .....	2
12	N73721	Diagnostic Plug - 9/16-18 MORB (PD361-6).....	1
	N70485	Valve Block Assembly (Includes all above items)	

# Section 9: Auxiliary Power Unit Assembly - Prior to 2025

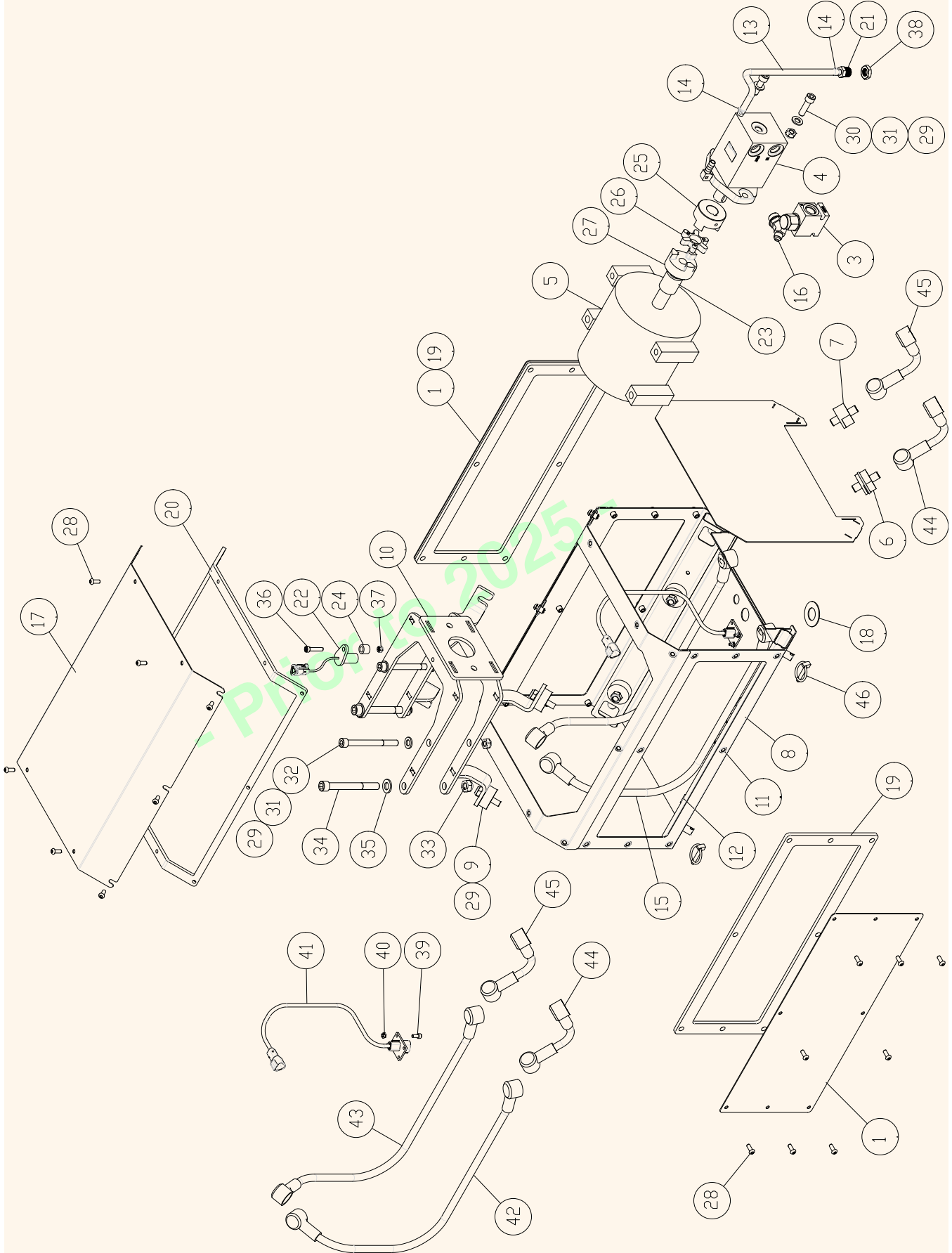
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- Prior to 2025 -



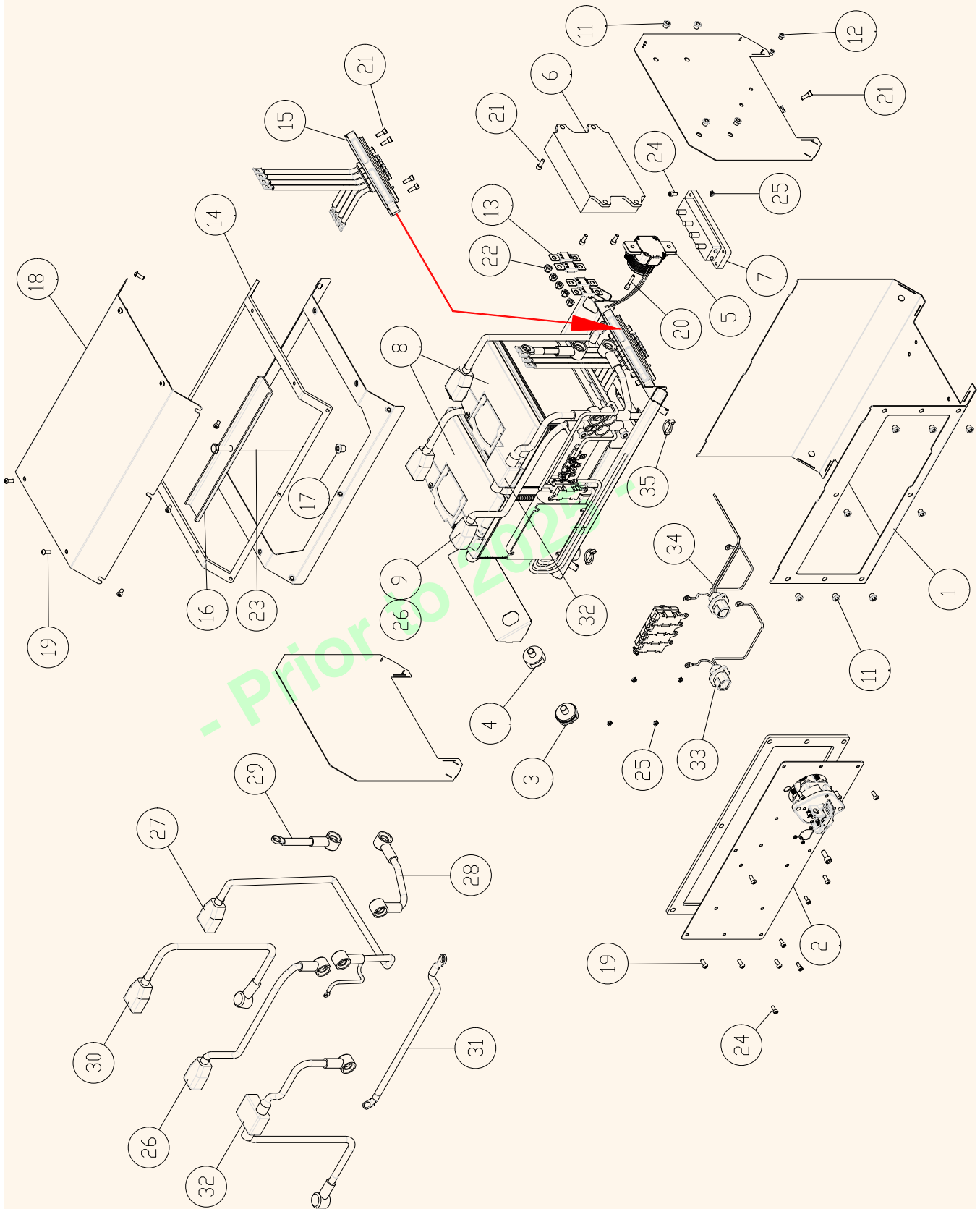
# APU Assembly - 2024 Alternator Module



## APU Assembly - Alternator Module

Item	Part No.	Description	Qty
1	A74085	Bolt On Panel .....	2
2	<b>G74159</b>	<b>Pbag-10S-Module-A-Hdware - See Below .....</b>	<b>1</b>
3	N69825	Flow Control - (See APU Hydraulics Page 9-10) .....	1
4	N72999	Hydraulic Motor (Seal Kit - N73879) .....	1
5	N73000	Alternator - 24V DC Brushless - 150 amp .....	1
		(Voltage Regulator N74165) (Bearing Kit - Two Bearings N74166)	
6	N73052	Bulkhead Stud - Positive .....	1
7	N73053	Bulkhead Stud - Negative .....	1
8	N74025	Module A Weldment .....	1
9	N74057	Vibration-Damping .....	4
10	N74059	Alternator Mount Weldment .....	1
11	N74122	Rivet Threaded Insert - 6mm .....	26
12	N74125	Rivet Threaded Insert - 10mm .....	4
13	N74127	Checkvalve Tube 3/8" .....	1
14	N74129	Hose Clamp - 1/2" .....	2
15	<b>N74179</b>	<b>Module A - Wire Kit - See Below .....</b>	<b>1</b>
16	N74227	45 Elbow - 9/16-18 (#06) MJIC x 3/4-16 (#08) MORB (N65810).....	1
17	N74235	Lid Assembly .....	1
18	W-623	Flat Washer - 15/16 ID x 1 3/4 OD x 0.134 Thick (Used on Hyd Bulkhead Fittings) .....	3
19	N74145	Panel Seal Foam .....	2
20	N74146	Lid Gasket .....	1
21	N74126	Check Valve 1371T104 / 3/8" .....	1
22	N56511	Gear Tooth Speed Sensor .....	1
23	N74061	Alternator Bushing .....	1
24	N74062	Spacer - 3/8 ID x 5/8 x 1/2 Lg .....	1
25	N73002	Coupler Hyd Motor .....	1
26	N73003	Coupler Middle Spider .....	1
27	N73005	Coupler Alternator .....	1
	<b>G74159</b>	<b>Pbag-10S-Module-A-Hdware - (Whole Goods Only)</b>	
28	N74133	Hex Socket Button Head Screw - M6 x 16 mm Lg .....	26
29	N74101	Locknut - M10 .....	8
30	N74102	Hex Socket Cap Screw - M10 x 35 mm Lg .....	2
31	N74103	Washer - M10 .....	4
32	N74104	Hex Socket Cap Screw - M10 x 110 mm Lg .....	2
33	N74105	Locknut - M12 .....	2
34	N74106	Hex Socket Cap Screw - M12 x 110 mm Lg .....	2
35	N74108	Washer - M12 .....	2
36	N74224	Hex Socket Cap Screw - M6 x 30 mm Lg .....	1
37	N74225	Locknut - M6 .....	1
38	N74220	Brass Fastener .....	1
39	N74152	Hex Socket Cap Screw - M4 x 14 mm Lg .....	4
40	N74151	Locknut - M4 .....	4
	<b>N74179</b>	<b>Alternator Wire Kit - (Whole Goods Only)</b>	
41	N74130	Alternator RPM Cable .....	1
42	N74190	Power Wire .....	1
43	N74191	Alternator Ground Main .....	1
44	N74198	Pos+ Link Wire .....	1
45	N74196	Ground Link Wire .....	1
	<b>N74020</b>	<b>Alternator Module Assembly - (Includes All Above Items)</b>	
		Item below located in E-Drive Harness Kits	
46	S42294	Lynch Pin - 3/16 Dia x 1 1/4 Lg .....	4

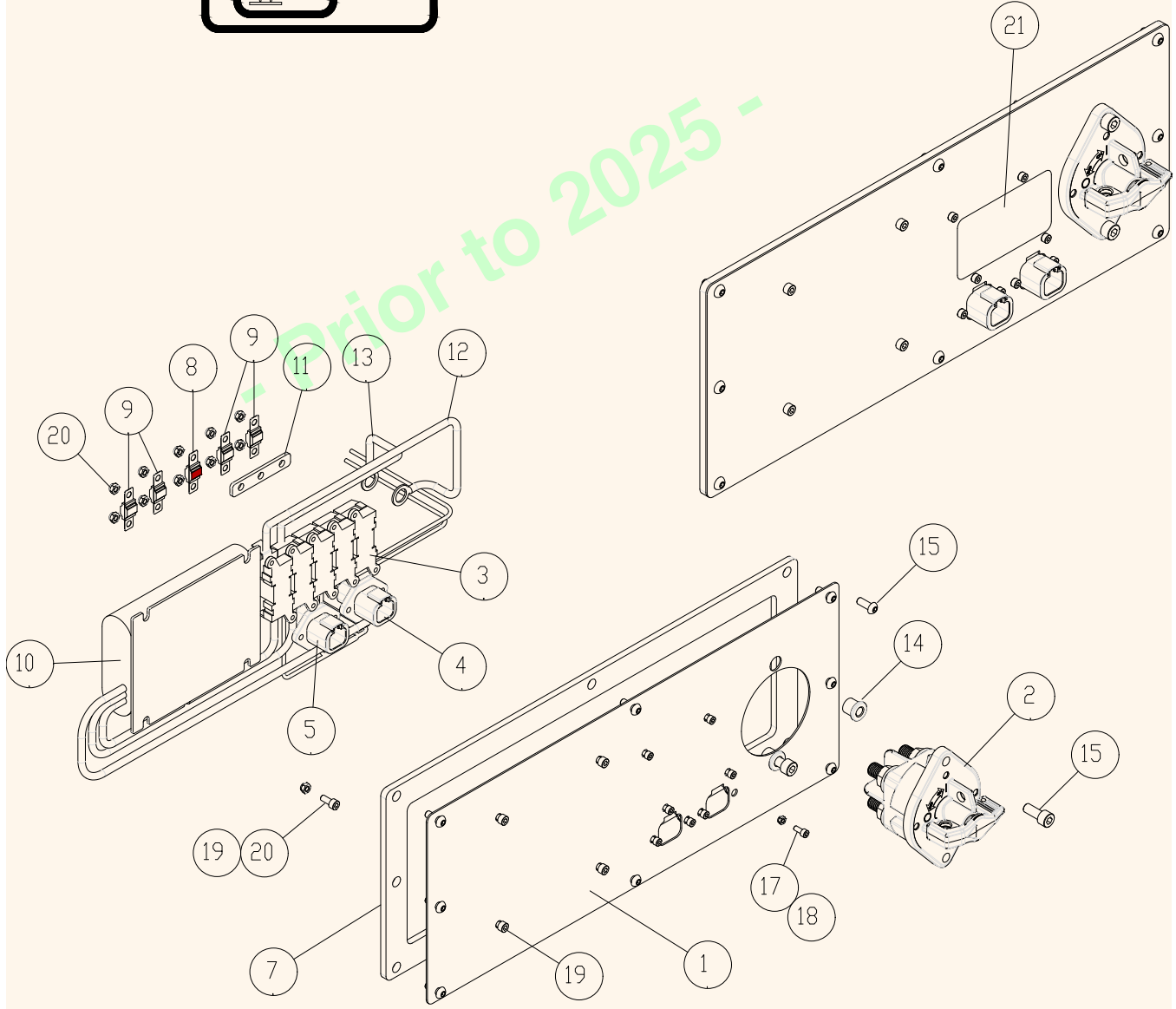
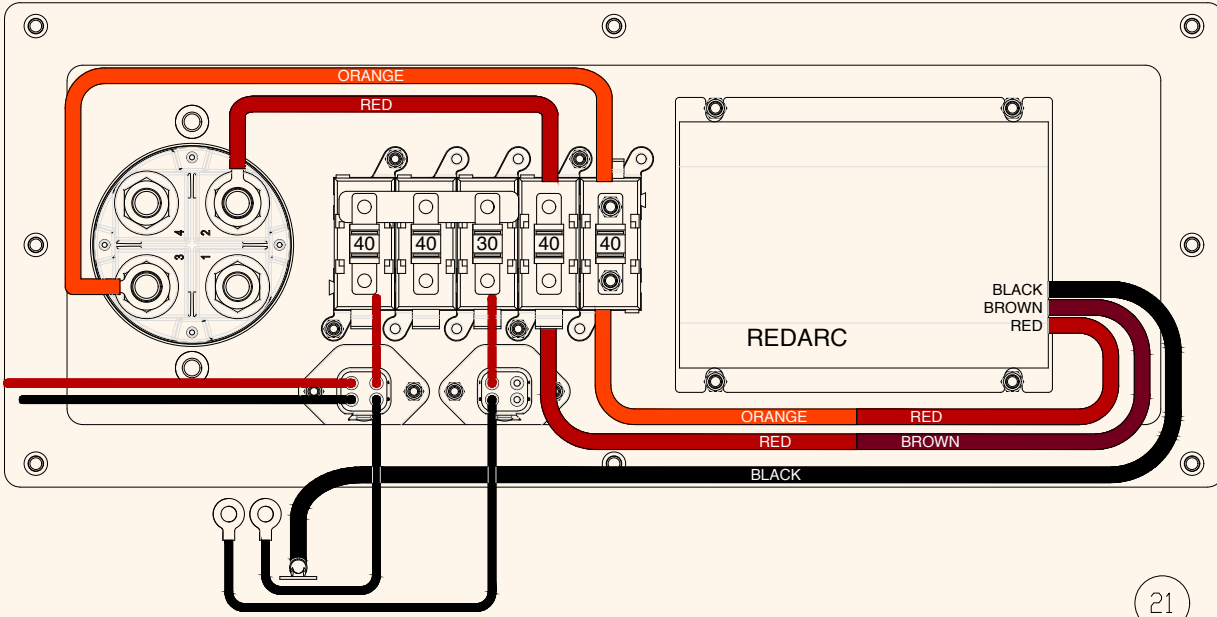
# APU Assembly - 2024 Battery Module



## APU Assembly - Battery Module

Item	Part No.	Description	Qty
1	N74040	Aux Power Unit.....	1
2	N74051	Power Disconnect Panel - See Next Page For Details .....	1
3	N73052	Pos Input Stud 24V .....	1
4	N73053	Neg Input Bulkhead Stud.....	1
5	N74112	Relay - 24V High Current.....	1
6	N73027	24V Fuse Holder .....	1
7	N74072	Ground Block .....	1
8	N73029	Battery - 12V Group 24 .....	2
9	<b>N74180</b>	<b>Battery Cable Kit - See Below .....</b>	<b>1</b>
10	<b>G74160</b>	<b>Pbag-Battery-Module-Hdware - See Below.....</b>	<b>1</b>
11	N74122	Rivet - 6mm Threaded Insert.....	25
12	N74123	Rivet - 5mm Threaded Insert.....	2
13	N73028	80 Amp Mega Fuse .....	4
14	N74146	Lid Gasket.....	1
15	N74005	Fused Output 24V .....	1
16	N74219	Battery Strap .....	1
17	N74125	Rivet - 10mm Threaded Insert.....	1
18	N74235	Lid Assembly.....	1
	<b>G74160</b>	<b>Pbag-Battery-Module-Hdware - (Whole Goods Only)</b>	
19	N74133	Hex Socket Button Head Screw - M6 x 16 mm Lg .....	10
20	N74134	Hex Socket Cap Screw - M5 x 30 mm Lg .....	2
21	N74135	Hex Socket Cap Screw - M6 x 14 mm Lg.....	8
22	N74153	Locknut - M8 .....	9
23	N74226	Hex Head Bolt - M10 x 220 mm .....	1
24	N74155	Hex Socket Cap Screw - M5 x 14 mm Lg.....	4
25	N74154	Locknut - M5 .....	4
	<b>N74180</b>	<b>Battery Cable Kit - (Whole Goods Only)</b>	
26	N74181	12V Power Cable - Battery 1 Pos To Dis #2.....	1
27	N74182	Link Cable - Battery 2 Neg To Dis #1 .....	1
28	N74185	Power Wire - Positive Disconnect 3 To Relay .....	1
29	N74186	24V Power Wire - Pos + Relay and Link Module Ca .....	1
30	N74187	Ground Main - Battery 1 Ground To Bulkhead.....	1
31	N74188	Ground Wire - Neg Bulkhead To Ground Block .....	1
32	N74192	24V Pos Bulkhead To Batt 2 DC #4.....	1
	<b>N74050</b>	<b>Battery Module Assembly - (Includes All Above Items)</b>	
33	N74110	APU 12V Output - Lighting - See Next Page For Details.....	1
34	N74115	APU 12V Output - Auxilary - See Next Page For Details.....	1
		Item below located in E-Drive Harness Kits	
35	S42294	Lynch Pin - 3/16 Dia x 1 1/4 Lg .....	4

# APU Assembly - 2024 Power Disconnect Panel

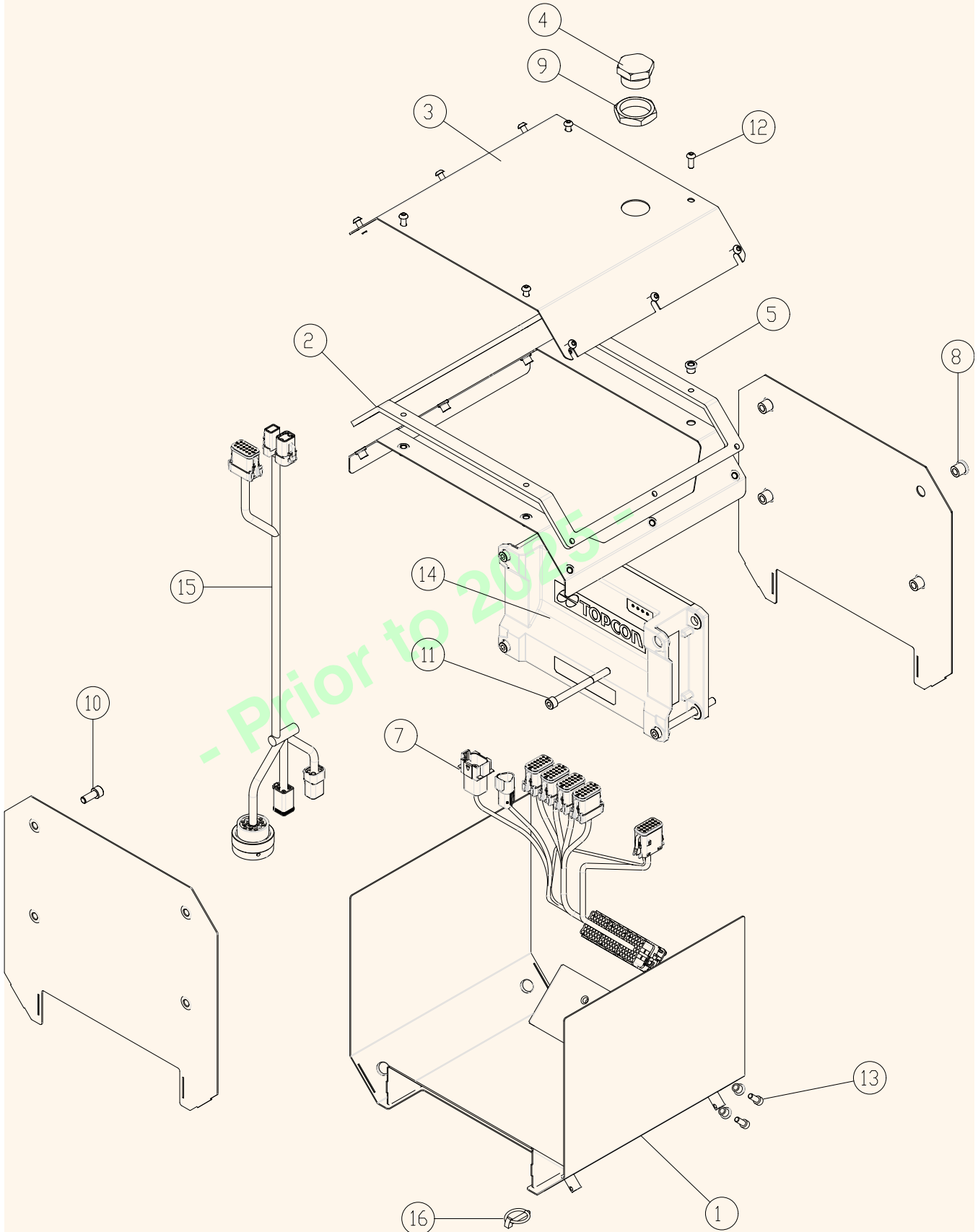


## APU Assembly - Power Disconnect Panel

Item	Part No.	Description	Qty
<b>Power Disconnect Panel N74051</b>			
1	A74045	Bolt On Panel .....	1
2	N74030	Power Disconnect Switch .....	1
3	N74066	Fuse Holder 12V .....	5
4	N74115	Fused 12V Output Cable .....	1
5	N74110	APU 12V Output - Lighting .....	1
<b>6</b>	<b>G74161</b>	<b>Pbag-Power Disconnect-Hdware - See Below - (Whole Goods Only) .....</b>	<b>1</b>
7	N74145	Panel Seal Foam .....	1
<b>8</b>	<b>N74117</b>	<b>30 Amp Fuse - Midi.....</b>	<b>1</b>
9	N74118	40 Amp Fuse - Midi .....	4
10	N74197	REDARC CE-40 Wire Ext Request .....	1
11	N74240	3 Position Busbar .....	1
12	N74232	Wire - 8 AWG Orange 24V .....	1
13	N74233	Wire - 8 AWG 12V Red.....	1
14	N74124	8mm Threaded Insert .....	2
<b>G74161 Pbag-Power Disconnect-Hdware - (Whole Goods Only)</b>			
15	N74132	Hex Cap Screw - M8 x 20mm .....	2
16	N74133	Hex Socket Button Head Screw - M6 x 16 mm Lg .....	8
17	N74152	Hex Socket Cap Screw - M4 x 14mm Lg.....	8
18	N74151	Locknut - M4 .....	8
19	N74155	Hex Socket Cap Screw - M5 x 14mm Lg.....	4
20	N74154	Locknut - M5 .....	14
21	N73179	Decal - Power - On/Off .....	1

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# APU Assembly - 2024 Module C



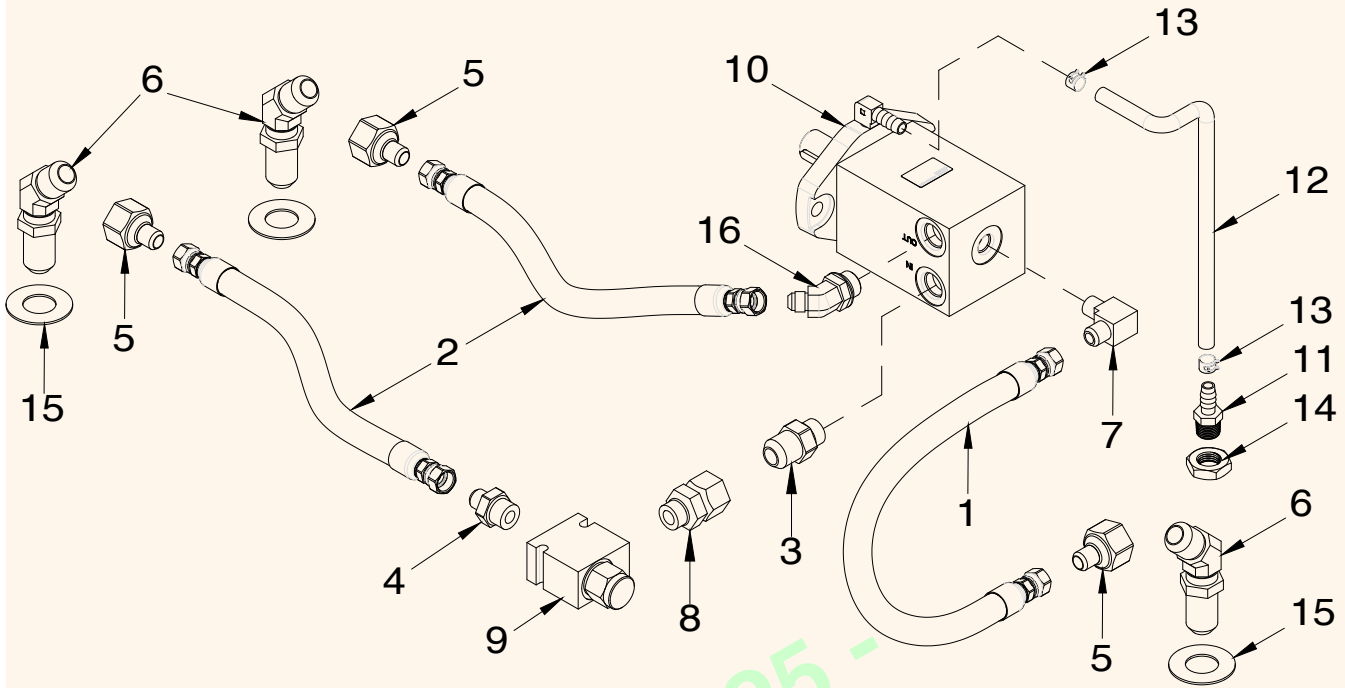
## APU Assembly - Module C

Item	Part No.	Description	Qty
1	A74015	Module C - ECU - Weldment.....	1
2	N74147	Lid Gasket.....	1
3	N74236	Lid Assembly.....	1
4	N74131	Sight Glass.....	1
5	N74122	Rivet - 6mm Threaded Insert.....	14
6	<b>G74162</b>	<b>Pbag-ECU-Module-Hdware - See Below .....</b>	<b>1</b>
7	N74003	10S CM-40 to Bulkhead.....	1
8	N74124	8mm Threaded Insert.....	8
9	N74228	Bulkhead Fitting Fastner .....	1
	<b>G74162</b>	<b>Pbag-ECU-Module-Hdware - (Whole Goods Only)</b>	
10	N74132	Hex Cap Screw - M8 x 20mm Lg .....	4
11	N74136	Hex Socket Cap Screw - M8 x 95mm Lg .....	4
12	N74133	Hex Socket Button Head Screw - M6 x 16 mmLg .....	10
13	N74135	Hex Socket Cap Screw - M6 x 14mm Lg.....	4
	<b>N74016</b>	<b>ECU Module C Assembly - (Includes All Above Items)</b>	
		Items below are located in E-Drive Harness Kits	
14	N74222	Apollo Master Module ECU - CM-40 - E-Drive Version.....	1
15	N67038	Single ECU Harness.....	1
16	S42294	Lynch Pin - 3/16 Dia x 1 1/4 Lg .....	4

- Prior to 2025 -



## APU Assembly - 2024 Hydraulics



Item	Part No.	Description	Qty
	<b>N69834</b>	<b>APU Box - Hydraulic Hoses - Includes Items Below (Whole Goods Only)</b>	
1	N69832	Hyd Hose - 3/8 x 12 Lg - 9/16-18 FJIC (#06) .....	1
2	N69833	Hyd Hose - 3/8 x 18 Lg - 9/16-18 FJIC (#06) .....	2
	<b>N69835</b>	<b>APU Box - Hydraulic Fittings - Includes Items Below (Whole Goods Only)</b>	
3	C14840	Connector - 7/8-14 (#10) MJIC x 3/4-16 (#08) MORB.....	1
4	C15348	Connector - 9/16-18 (#06) MJIC x 3/4-16 (#08) MORB.....	2
5	C-4392	Connector - 7/8-14 (#10) FJIC x 9/16-18 (#06) MJIC.....	3
6	K53616	Bulk Head 45 Elbow - 7/8-14 (#10) MJIC.....	3
7	N16143	90 Elbow - 9/16-18 (#06) MJIC x 9/16-18 (#06) MORB .....	1
8	N49460	Connector - Swivel - 7/8-14 (#10) FJIC x 3/4-16 (#08) MORB.....	1
		<b>Items below are in Alternator Module N74020</b>	
9	N69825	Valve - Flow Control - 7.5 gpm.....	1
10	N72999	Hydraulic Motor - 6.3 cc (Seal Kit - N73879).....	1
11	N74126	Check Valve - 3/8 Barbed.....	1
12	N74127	Check Valve Tube - 3/8 x 12 Lg .....	1
13	N74129	Hose Clamp - 1/2.....	2
14	N74220	Hex Nut - Brass - 3/8.....	1
15	W-623	Flat Washer - 15/16 ID x 1 3/4 OD x 0.134 Thick (Used on Hyd Bulkhead Fittings) .....	3
16	N74227	45 Elbow - 9/16-18 (#06) MJIC x 3/4-16 (#08) MORB ( <b>N65810</b> ).....	1

# Section 10: Auxiliary Power Unit Assembly - 2025 to Present

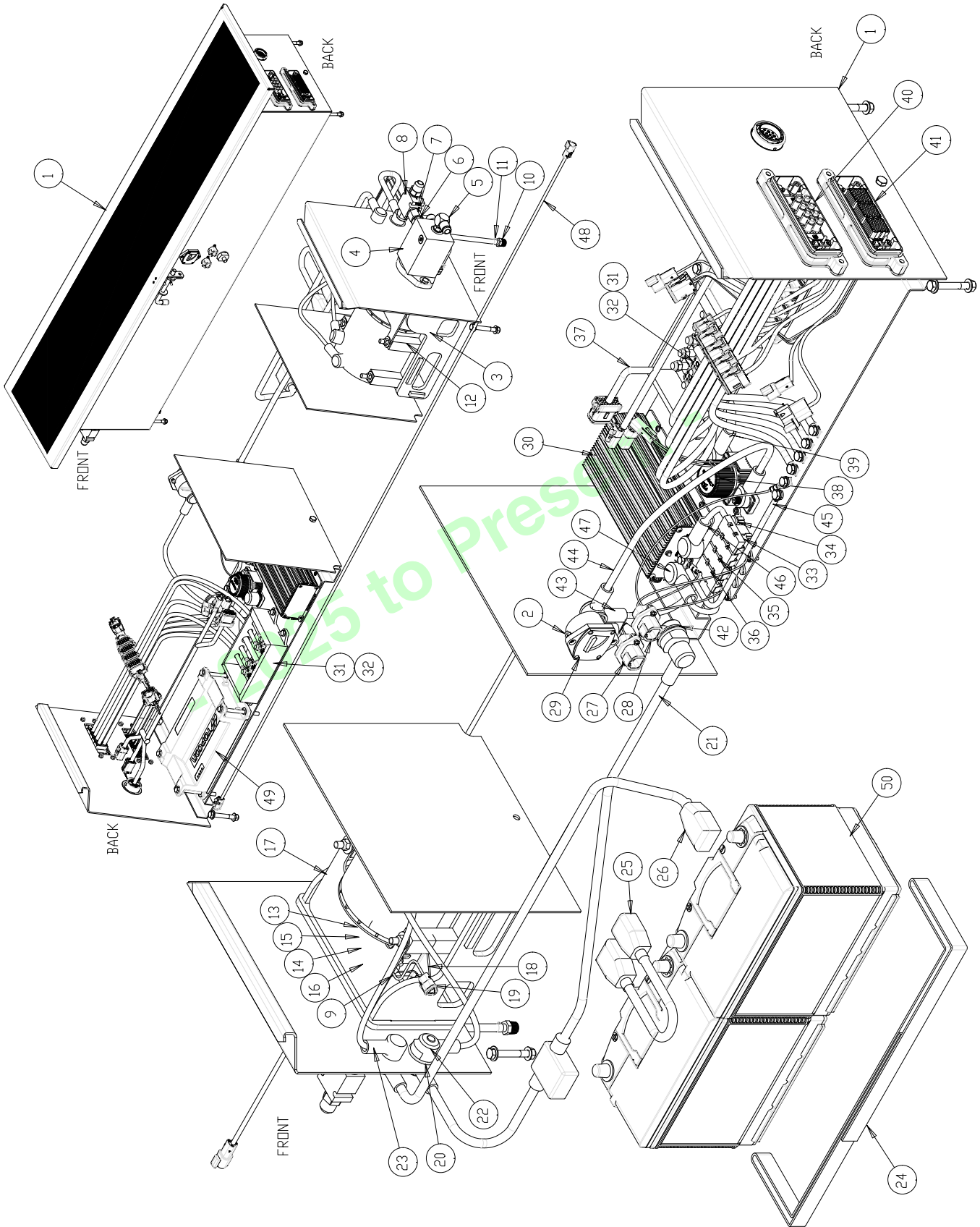
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- 2025 to Present -

# APU Assembly - 2025 Cabinet Assembly - Complete

See following pages for more details.

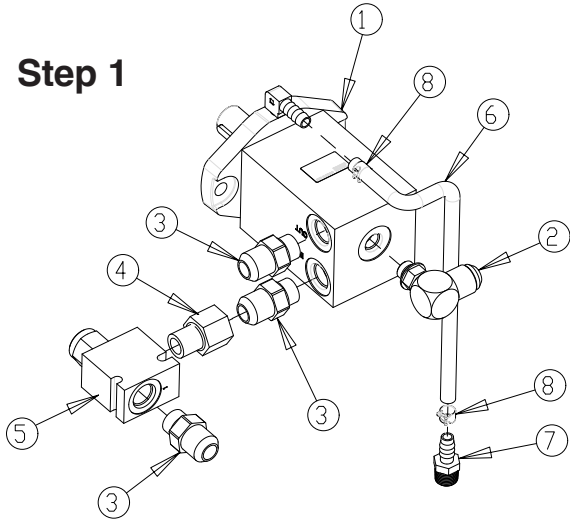


## APU Assembly - Cabinet Assembly

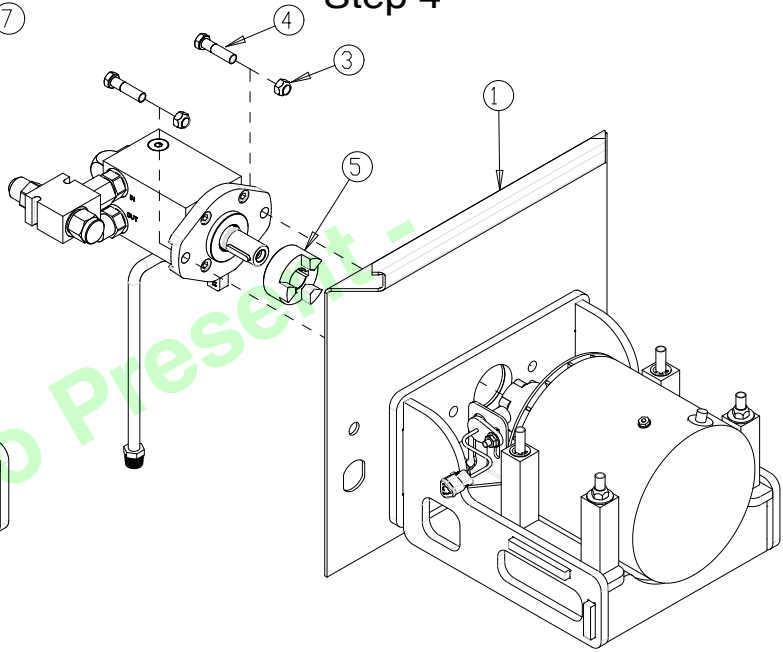
Item	Part No.	Description	Qty
1	N74255	Electrical Cabinet (A74213 - Grip Tape - 12 x 72 Lg).....	1
2	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
3	N73665	Alternator Bracket.....	1
4	N72999	Bucher Hydraulic Motor.....	1
5	S39505	90 Degree Elbow.....	1
6	C14840	Connector - 7/8-14 MJICx 3/4-16 MORB .....	3
7	N49460	Swivel Adapter - 7/8-14 FJIC x 3/4-16 MORB.....	1
8	N69825	Bucher Flow Control.....	1
9	N74127	Checkvalve Tube - 3/8 .....	1
10	N74126	Check Valve .....	1
11	N74129	Hose Clamp - 1/2.....	2
12	N73000	Alternator - 24V.....	1
13	N74061	Alternator Bushing.....	1
14	N73005	Coupler Alternator .....	1
15	N73003	Coupler Middle Spider .....	1
16	N73002	Coupler Hyd Motor .....	1
17	N73673	Coupler Guard.....	1
18	N45199	Sensor Bracket.....	1
19	N56511	Gear Tooth Speed Sensor (1004033-01).....	1
20	N73052	Pos Input Stud 24V .....	2
21	N74143	Cable - Battery 24V.....	1
22	N74190	Cable - Power Wire -Alt-to-Bh .....	1
23	N74191	Cable - Alternator Ground Main .....	1
24	N74092	Lashing Strap - 1 inch x 8 Ft.....	1
25	N74148	Cable - Battery Link.....	1
26	N74144	Cable - Battery Grnd .....	1
27	N74097	Light Harness Plug.....	1
28	N74098	Auxilliary Power.....	1
29	N73064	Eaton Switch 200A Circuit Breaker .....	1
30	N73066	Victron Orion 24/12-100 .....	1
31	N73027	24V Fuse Holder .....	1
32	N73028	80 Amp Mega Fuse .....	4
33	N74066	Fuse Holder 12V .....	4
34	N74240	3 Position Busbar .....	1
35	N74117	30 Amp Fuse - Midi .....	3
36	N73067	60 Amp Fuse - Midi .....	1
37	N67038	Topcon ECU Harness (1005036-01).....	1
38	N74099	Gigavac Relay W/ 2-Pin Deutsch .....	1
39	N73926	Cable - Gigavac To Power Fuse Box.....	1
40	N74163	24V Power Bulkhead.....	1
41	N74167	10S CM-40 To Bulkhead V2.....	1
42	N73923	Cabinet Bulkhead To Eaton Switch.....	1
43	N73924	Cable - Eaton Switch to 60A Fuse on Bar.....	1
44	N74190	Cable - Power Wire -ETN-to-GIG .....	1
45	N74141	Cable - Stepdown Transformer To Grnd Stud.....	1
46	N74142	Cable - Stepdwn Transformer 12V To Fuse Bar .....	1
47	N73931	60A Fuse To Stepdown Transformer .....	1
48	N56512	Topcon 3P Deutsch 2M Ext (AGA4471) .....	1
49	N74222	Topcon CM-40 E-Drive Version (1069705-01) .....	1
	G74216	Cabinet Assembly - Includes All Items Above (Whole Goods Only)	
50	N73029	Battery - 12V Group 24 .....	2

# APU Assembly - 2025 Alternator

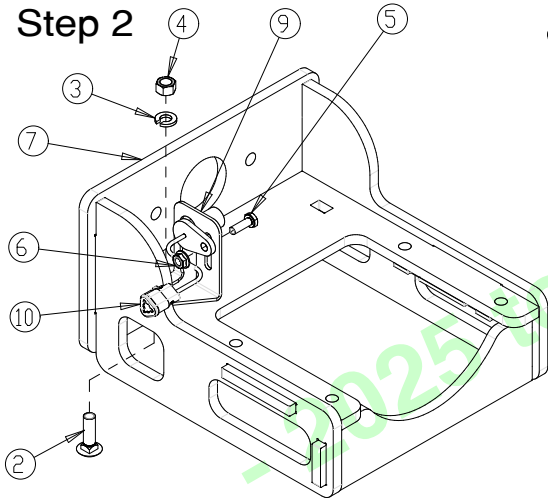
## Step 1



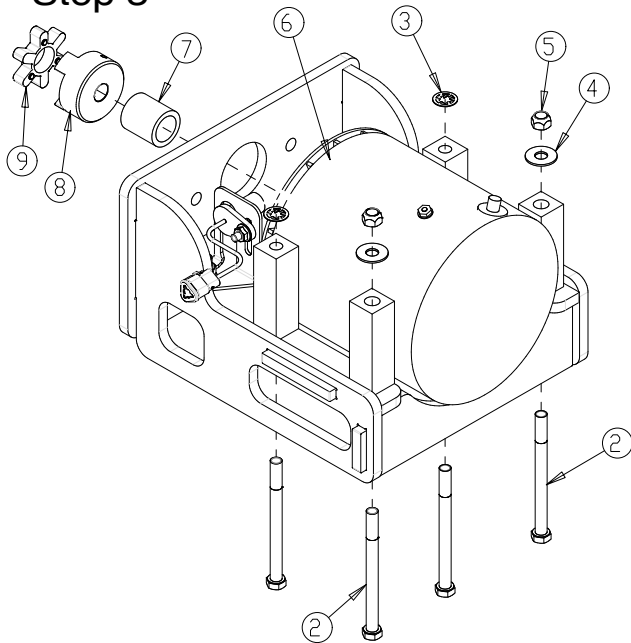
## Step 4



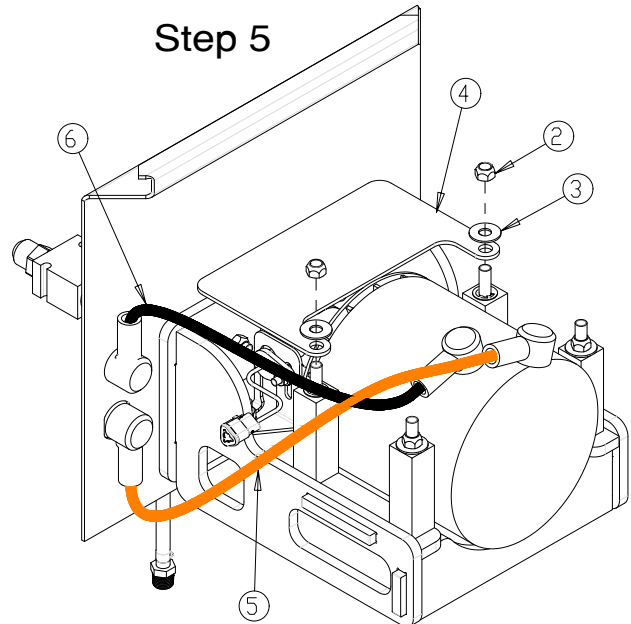
## Step 2



## Step 3



## Step 5



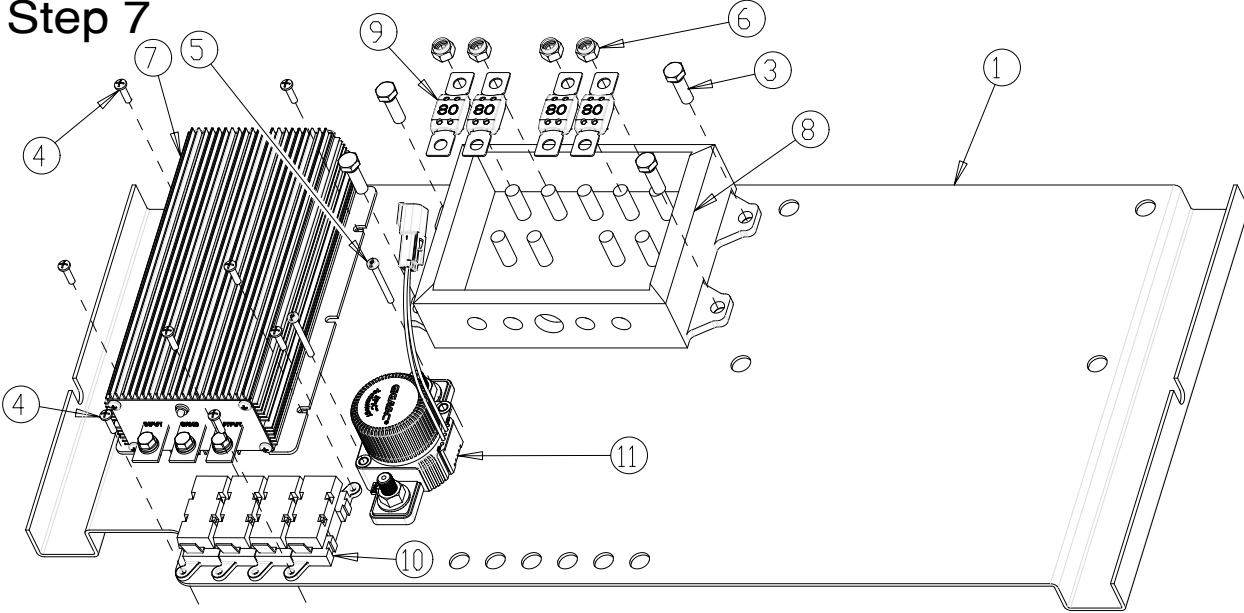
## APU Assembly - Alternator

Item	Part No.	Description	Qty
<b>Step 1</b>			
1	N72999	Hydraulic Motor - 6.3 cc (Seal Kit - N73879).....	1
2	S39505	90 Elbow - 7/8-14 MJIC x 9/16-18 (#06) MORB.....	1
3	C14840	Connector - 7/8-14 (#10) MJIC x 3/4-16 (#08) MORB.....	3
4	N49460	Connector - Swivel - 7/8-14 (#10) FJIC x 3/4-16 (#08) MORB.....	1
5	N69825	Valve - Flow Control - 7.5 gpm.....	1
6	N74127	Check Valve Tube - 3/8 x 12 Lg .....	1
7	N74126	Check Valve - 3/8 Barbed.....	1
8	N74129	Hose Clamp - 1/2.....	2
<b>Step 2</b>			
1	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
2	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg .....	1
3	W-523	Lockwasher - 3/8.....	1
4	W-514	Hex Nut - 3/8.....	1
5	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	1
6	D-5277	Locknut - 1/4 Flanged .....	1
7	N73665	Alternator Bracket.....	1
8	N73000	Alternator - 24V .....	1
9	N45199	Sensor Bracket.....	1
10	N56511	Gear Tooth Speed Sensor .....	1
<b>Step 3</b>			
1	G74212	Pbag: Electrical Cabinet Fastnrs .....	1
2	S-1299	Hex Head Bolt - 3/8 x 4 1/2 Lg .....	4
3	K73262	Push Nut - 3/8 .....	2
4	D-5579	Flat Washer - 13/32 ID x 1 OD x 16 Ga.....	2
5	10229	Locknut - 3/8 Nylon Insert.....	2
6	N73000	Alternator - 24V .....	1
7	N74061	Alternator Bushing.....	1
8	N73005	Coupler Alternator .....	1
9	N73003	Coupler Middle Spider .....	1
<b>Step 4</b>			
1	N74255	Electrical Cabinet .....	1
2	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
3	10229	Locknut - 3/8 Nylon Insert.....	4
4	W-477	Hex Bolt - 3/8 x 1 1/2 Lg.....	2
5	N73002	Coupler Hyd Motor .....	1
<b>Step 5</b>			
1	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
2	10229	Locknut - 3/8 Nylon Insert.....	6
3	D-5579	Flat Washer - 13/32 ID x 1 OD x 16 Ga.....	4
4	N73673	Coupler Guard.....	1
5	N74190	Power Wire .....	1
6	N74191	Alternator Ground Main.....	1
<b>Note: There is only 1 G74212 Pbag used for APU assembly.</b>			

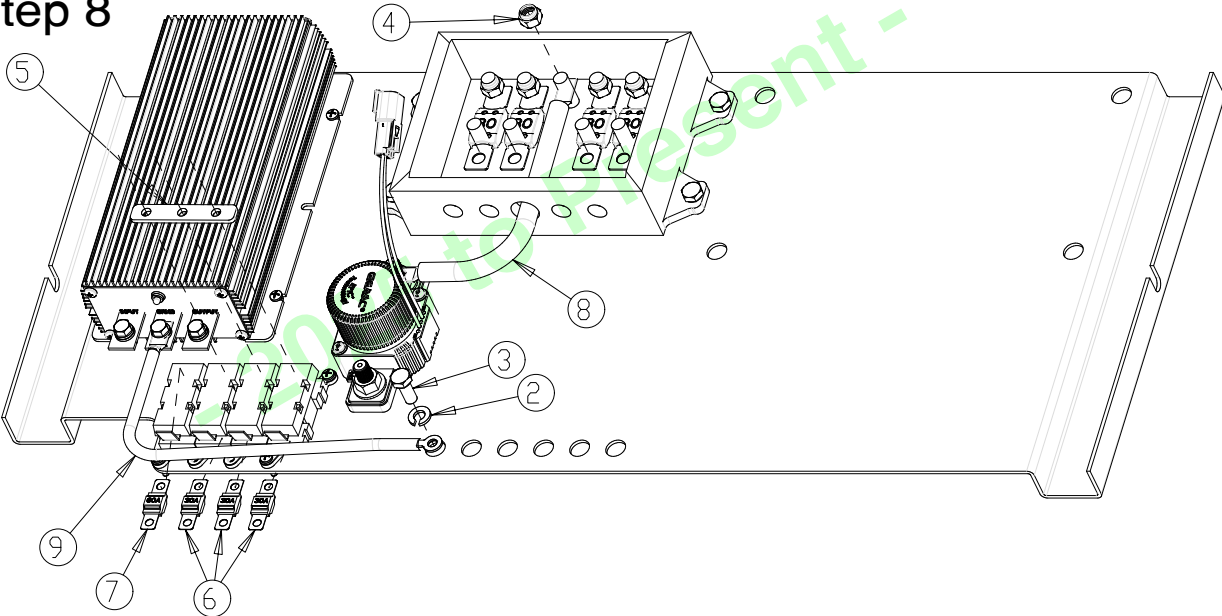


# APU Assembly - 2025 Electric Panel

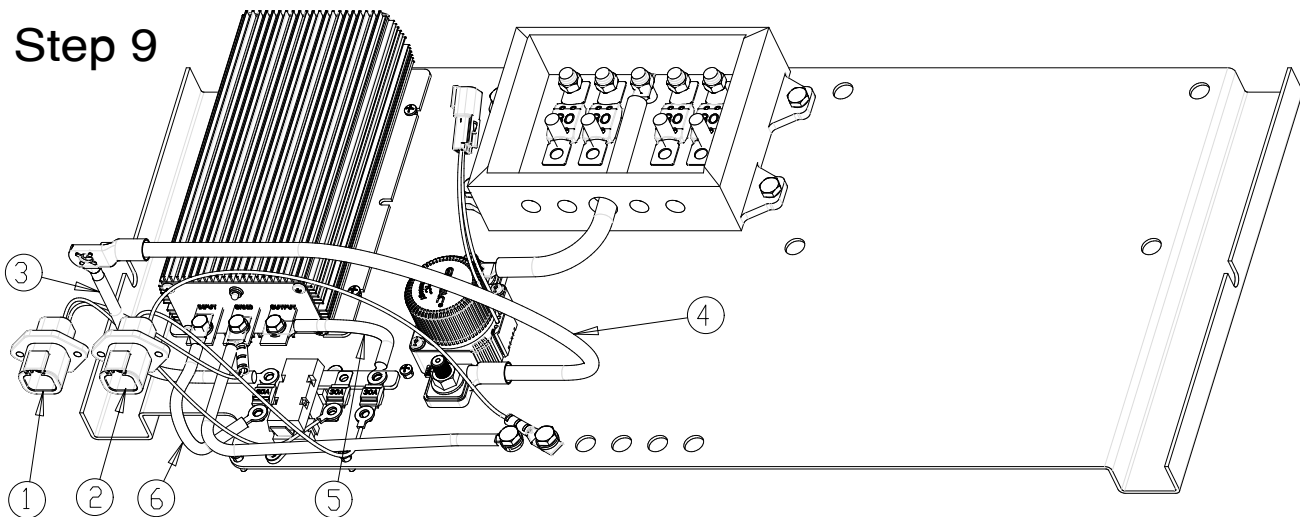
## Step 7



## Step 8



## Step 9



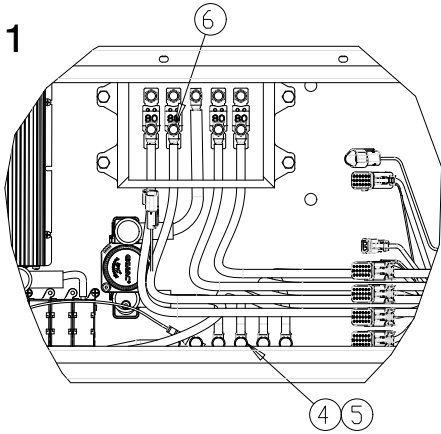
## APU Assembly - Electric Panel

Item	Part No.	Description	Qty
<b>Step 7</b>			
1	N74255	Electrical Cabinet .....	1
2	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
3	W-471	Hex Head Bolt - 5/16 x 1 Lg .....	4
4	N29486	Machine Screw - #8 x 5/8 Lg.....	8
5	N71831	Machine Screw - #8 x 1 1/2 Lg.....	2
6	N74153	Locknut - M8 .....	4
7	N73066	Victron Orion 24/12-100 .....	1
8	N73027	24V Fuse Holder .....	1
9	N73028	80 Amp Mega Fuse .....	4
10	N74066	Fuse Holder 12V .....	4
11	N74099	Gigavac Relay W/ 2-Pin Deutsch .....	1
<b>Step 8</b>			
1	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
2	W-522	Lockwasher - 5/16.....	1
3	F-1767	Hex Head Bolt - 5/16 x 3/4 Lg .....	1
4	N74153	Locknut - M8 .....	5
5	N74240	3 Position Busbar .....	1
6	N74117	30 Amp Fuse - Midi .....	3
7	N73067	60 Amp Fuse - Midi .....	1
8	N73926	Gigavac To Power Fuse Box .....	1
9	N74141	Stepdown Trnsfrmr To Grnd Stud .....	1
<b>Step 9</b>			
1	N74097	Light Harness Plug.....	1
2	N74098	Auxilliary Power.....	1
3	N73924	Eaton Switch To 60A Fuse On Bar .....	1
4	N74190	Power Wire .....	1
5	N74142	Stepdwn Trnsfrmr 12V To Fuse Bar.....	1
6	N73931	60A Fuse To Stepdown Transformer .....	1
<p><b>Note: There is only 1 G74212 Pbag used for APU assembly.</b></p>			

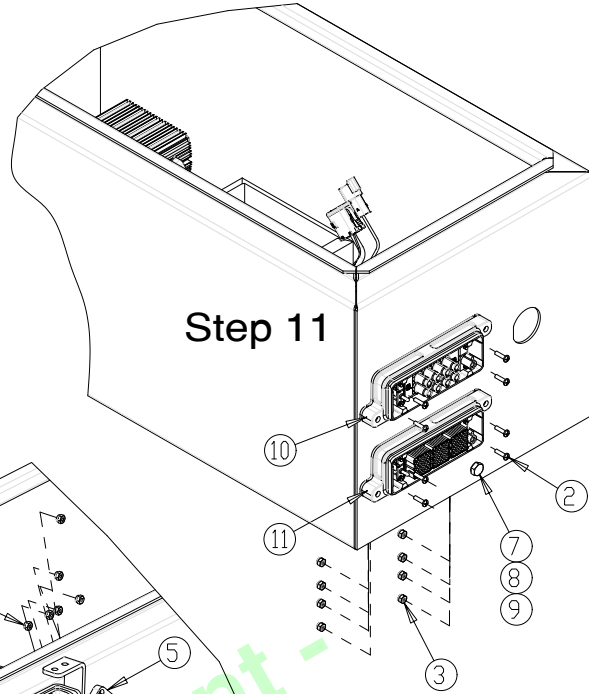


# APU Assembly - 2025 Electric Panel - Continued

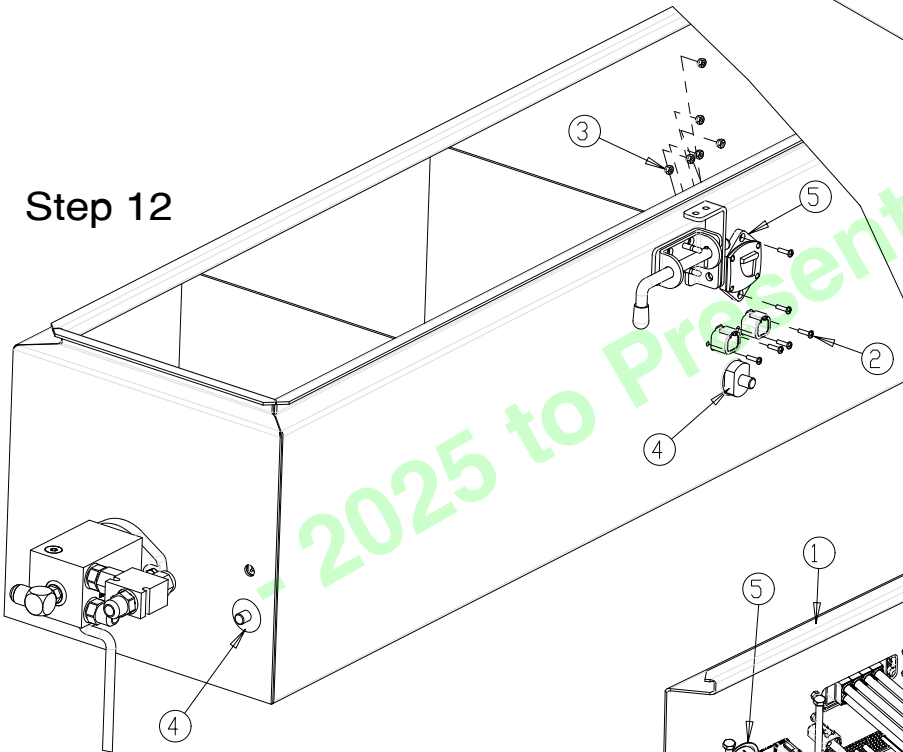
**Step 11**



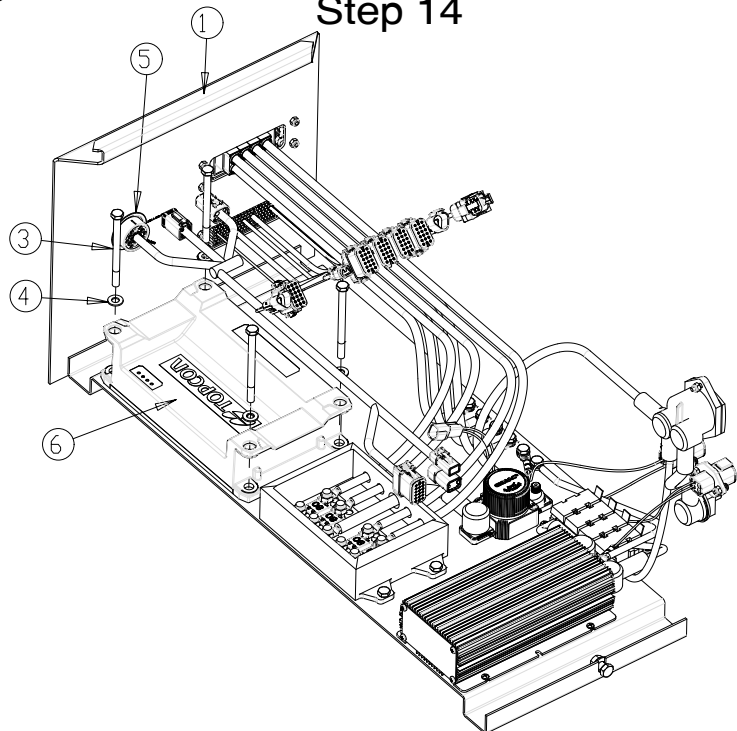
**Step 11**



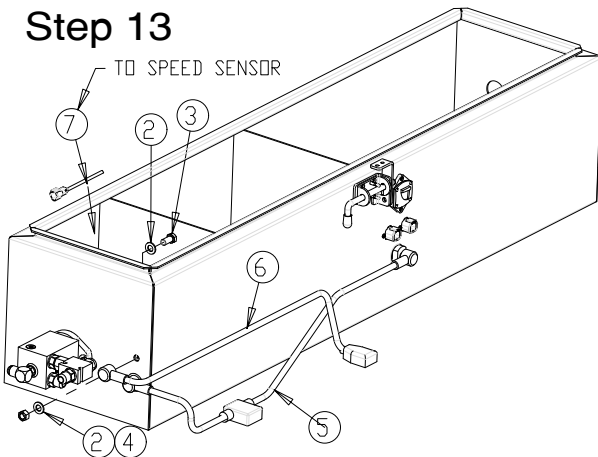
**Step 12**



**Step 14**



**Step 13**



## APU Assembly - Electric Panel

Item	Part No.	Description	Qty
<b>Step 11</b>			
1	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
2	N29486	Machine Screw - #8 x 5/8 Lg.....	22
3	N71832	Locknut- #8 Nylon .....	14
4	W-522	Lockwasher - 5/16.....	6
5	F-1767	Hex Head Bolt - 5/16 x 3/4 Lg .....	6
6	N74153	Locknut - M8 .....	9
7	W-867	Hex Head Bolt - 3/8 x 3/4 Lg.....	2
8	D-5489	Flat Washer - 3/8.....	2
9	S27987	Locknut - 3/8 Flange .....	2
10	N74163	24V Power Bulkhead.....	1
11	N74167	10S CM-40 To Bulkhead V2.....	1
<b>Step 12</b>			
1	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
2	N29486	Machine Screw - #8 x 5/8 Lg.....	22
3	N71832	Locknut- #8 Nylon .....	14
4	N73052	Pos Input Stud 24V .....	2
5	N73064	Eaton Switch 200A Circuit Breaker .....	1
<b>Step 13</b>			
1	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
2	S-1925	Flat Washer - 17/32 ID x 1 OD x 13 Ga.....	2
3	W-484	Hex Head Bolt - 1/2 x 1 Lg.....	1
4	S47110	Locknut - 1/2 Center.....	1
5	N74143	Battery 24V .....	1
6	N74144	Battery Grnd.....	1
7	N56512	Topcon 3P Deutsch 2M Ext (AGA4471) .....	1
<b>Step 14</b>			
1	N74255	Electrical Cabinet.....	1
2	G74212	Pbag: Electrical Cabinet Fastnrs - (Whole Goods Only) .....	1
3	N15196	Hex Head Bolt - 5/16 x 4 Lg .....	4
4	D-5488	Flat Washer - 11/32 ID x 11/16 OD x 16 Ga.....	4
5	N67038	Topcon ECU Harness (1005036-01).....	1
6	N74222	Topcon CM-40 E-Drive Version (1069705-01) .....	1
<b>Note: There is only 1 G74212 Pbag used for APU assembly.</b>			

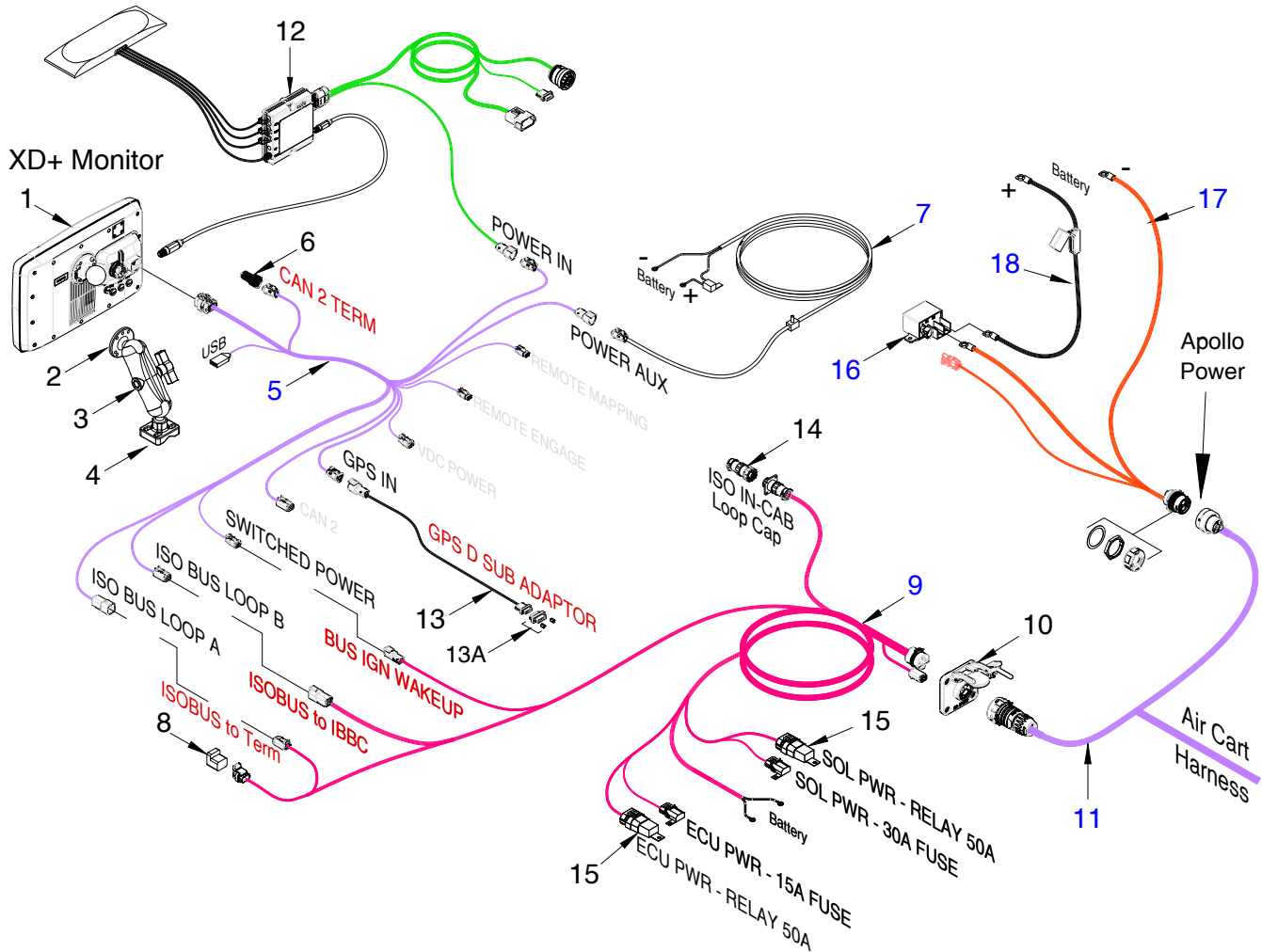
- 2025 to Present -

# Section 11: Monitor System

## Section Contents

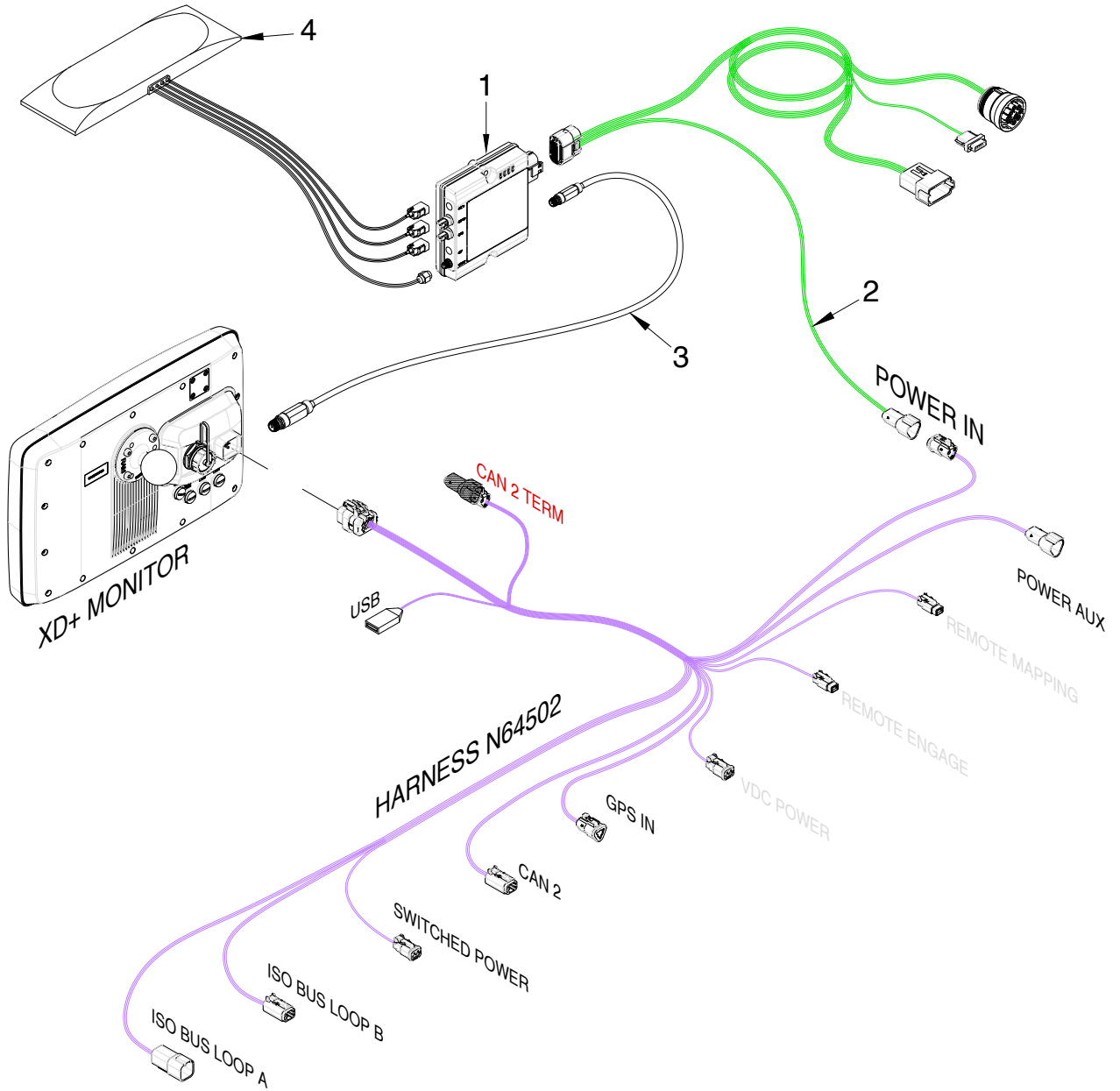
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# TOPCON XD+ Monitor Tractor Installation



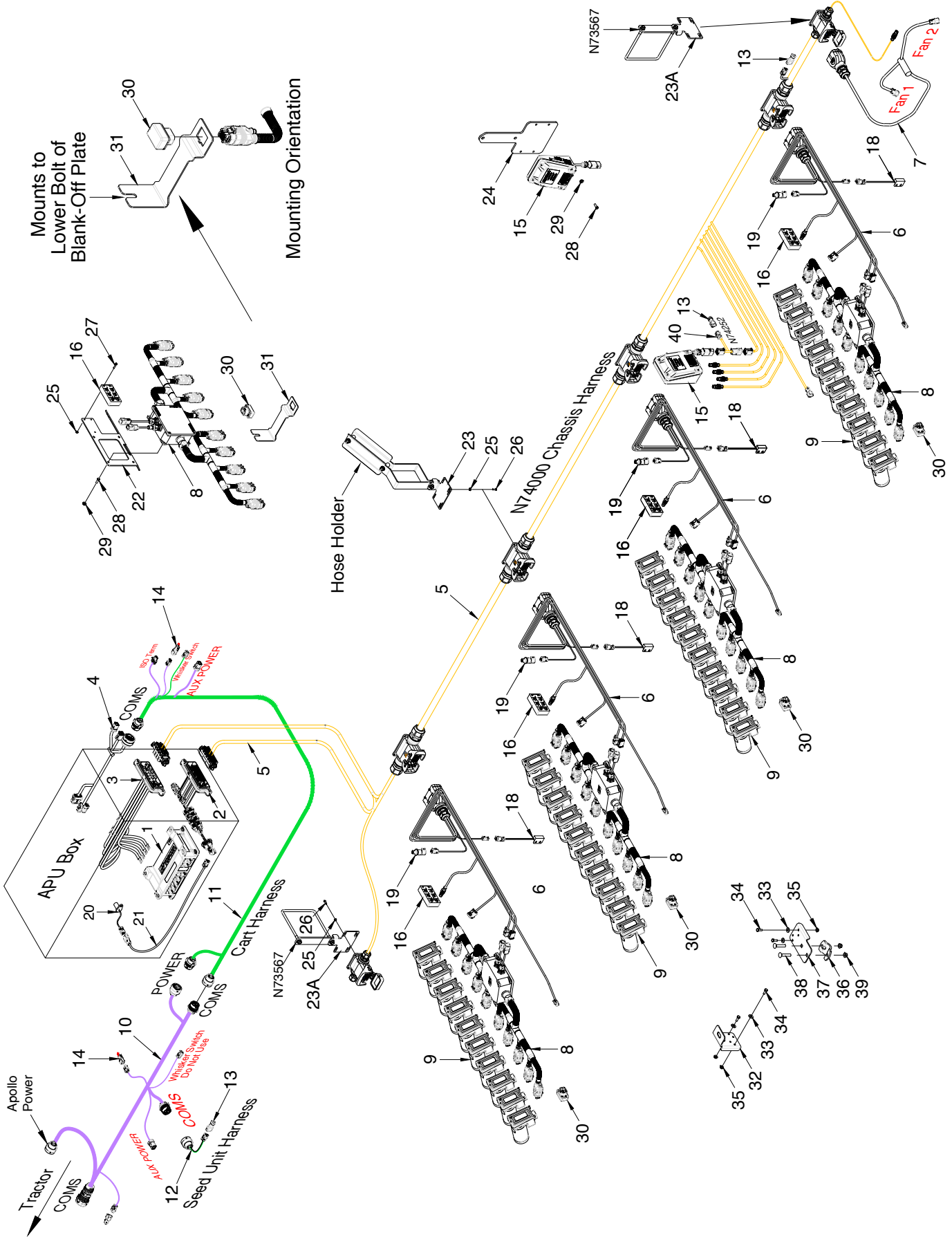
Item	Part No.	Description	Qty
1	N74260	XD+ Monitor Kit e-Drive configured (1070139-01) - Includes Ram Mount Items (2 - 4) ...	1
	N55985	Ram Arm Mounting Kit - Contains Items (2, 3 & 4)	1
2	N55984	Ram Mounting Ball - Circular Base	1
3	K45686	Ram Mounting Arm - 5"	1
4	K45685	Ram Mount Base - U-Bolt	1
5	N64502	Harness - Topcon X35 Power/Comms (1019154-01)	1
6	N56519	Terminator Cap - (AGY1355)	1
7	N62371	Harness - X30 Power (1006970-01)	1
8	N53054	CAN Term Bias Circuit (AGK159)	1
9	N58965	Harness - GEN 2 LITE (1005455-01) - Includes Items 10,14 and 15	1
10	N56504	Implement Breakaway Connector - IBBC (AGK163)	1
11	N67030	Harness Apollo Lead Implement - 4GA - (1020151-01)	1
12	N74256	TopCon CL-55 Data Modem Kit - (1054855-01)	1
13	N65056	GPS D Sub Adapter - (1021456-01)	1
13A	N65130	Kit - Yellow Gender Changer - Includes (1) N65099 and (2) N65098	1
14	N74244	ISO Loop Cap - [9 Pin Amp circular]	1
15	N72030	Relay - 50A	2
16	N67034	High Current Relay (1004269-01)	1
17	N67035	Harness - Power - 4GA (1004987-01)	1
18	N67036	Battery Cable - Fused - 4GA (1004955-01) - (100 AMP Fuse N72320)	1

# TOPCON XD+ Monitor Data Modem Kit



Item	Part No.	Description	Qty
1		TopCon CL-55 Modem .....	1
2		CL-55 Cable .....	1
3		Ethernet Cable .....	1
4		Antenna .....	1
	N74256	TopCon CL-55 Data Modem Kit - (1054855-01) (Includes All Above Items) .....	1
	N68003	ZTN50166 - CNH GPS Cable - (Not Shown)	
	N68004	PFP10470 - JOHN DEERE Cable Kit - (Not Shown)	
	N68005	SGR-1 X35 GPS Harness - (AGA4286) - (Not Shown)	

# Cart Harness - 2025 Tow Behind



## Cart Harness - Tow Behind

Item	Part No.	Description	Qty
<b>Quantities listed are for a 4 Tank system</b>			
1	N74222	Apollo Master Module ECU - CM-40 - E-Drive Version (1069705-01).....	1
2	N74167	Harness 10S CM-40 To Bulkhead V2 .....	1
3	N74163	24V Power Bulkhead.....	1
4	N67038	Harness - Single ECU (1005036-01).....	1
5	N74000	Chassis Harness.....	1
6	N74001	Tank Harness .....	4
7	N74002	Fan Harness.....	1
8	N73025	Power Distribution Module .....	4
9	N73024	Motor DC Bushless - 24V - 8mm Shaft .....	AsReq
10	N67030	Harness Apollo Lead - 4GA - (1020151-01) .....	1
11	N67031	Harness Apollo Trailing - 4GA - (1004998-01).....	1
12	N67033	Harness CAN Loop for ECU Break Out - 4GA - (1005340-01).....	1
13	N56519	Terminator Cap - (AGY1355).....	2
14	N59012	Safety Switch Loop .....	2
15	N73021	TopCon Scale Link - SL-2140.....	1
16	N73022	TopCon JBlock-404721 .....	4
17	N74113	Digi-Star Extension Cable - 2m (6') (407868).....	3
18	N59885	Sensor - Flap Position.....	4
19	N73023	Sensor - Pressure - Meter Body.....	4
20	N56511	Proximity Sensor - (1004033-01).....	1
21	N56512	Alternator RPM Cable - Topcon 3P Deutsch 2M Ext (AGA4471) .....	1
22	N70405	Mount Plate.....	4
23	N73883	Mount Plate - Harting Junction.....	4
23A	N70368	Mount Plate - Harting Junction.....	2
24	N70374	Mount Plate - Scale Link.....	1
		<b>G69898 PBAG - HARNESS HARDWARE - 10S - (Includes Items Below) Whole Goods Only</b>	
25	N16564	Locknut - #8-32 UNC Serrated.....	36
	N71832	Locknut- #8 Nylon	
26	N29486	Machine Screw - #8 x 5/8 Lg.....	24
27	N16563	Machine Screw - #8-32 UNC x 1 1/4 Lg.....	12
28	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	20
29	D-5277	Locknut - 1/4 Serrated.....	20
Refer to APU Section for APU Box details			
30	N74248	Motor Sync Loop Cap (Required on All Blanked Runs) .....	AsReq
31	N74249	Cap Holder (Required on All Blanked Runs) .....	AsReq
		<b>G73657 PBAG:CAMERA MOUNTS-4 TNKS/REAR - (Includes Items Below) Whole Goods Only</b>	
32	N73656	Camera Mount - In-Tank.....	4
33	S-1198	Washer - 5/16 ID x 3/4 OD x .065 Thick .....	10
34	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	10
35	D-5277	Locknut - 1/4 Flanged .....	10
36	N37622	Handrail U-Clamp.....	1
37	N73653	Camera Mount - Rear .....	1
38	D12821	Carriage Bolt - 3/8 x 2 Lg .....	2
39	S27987	Locknut - 3/8 Flange .....	2
<b>40</b>	<b>N74252</b>	<b>Scalelink Terminator Y-HRNS.....</b>	<b>1</b>

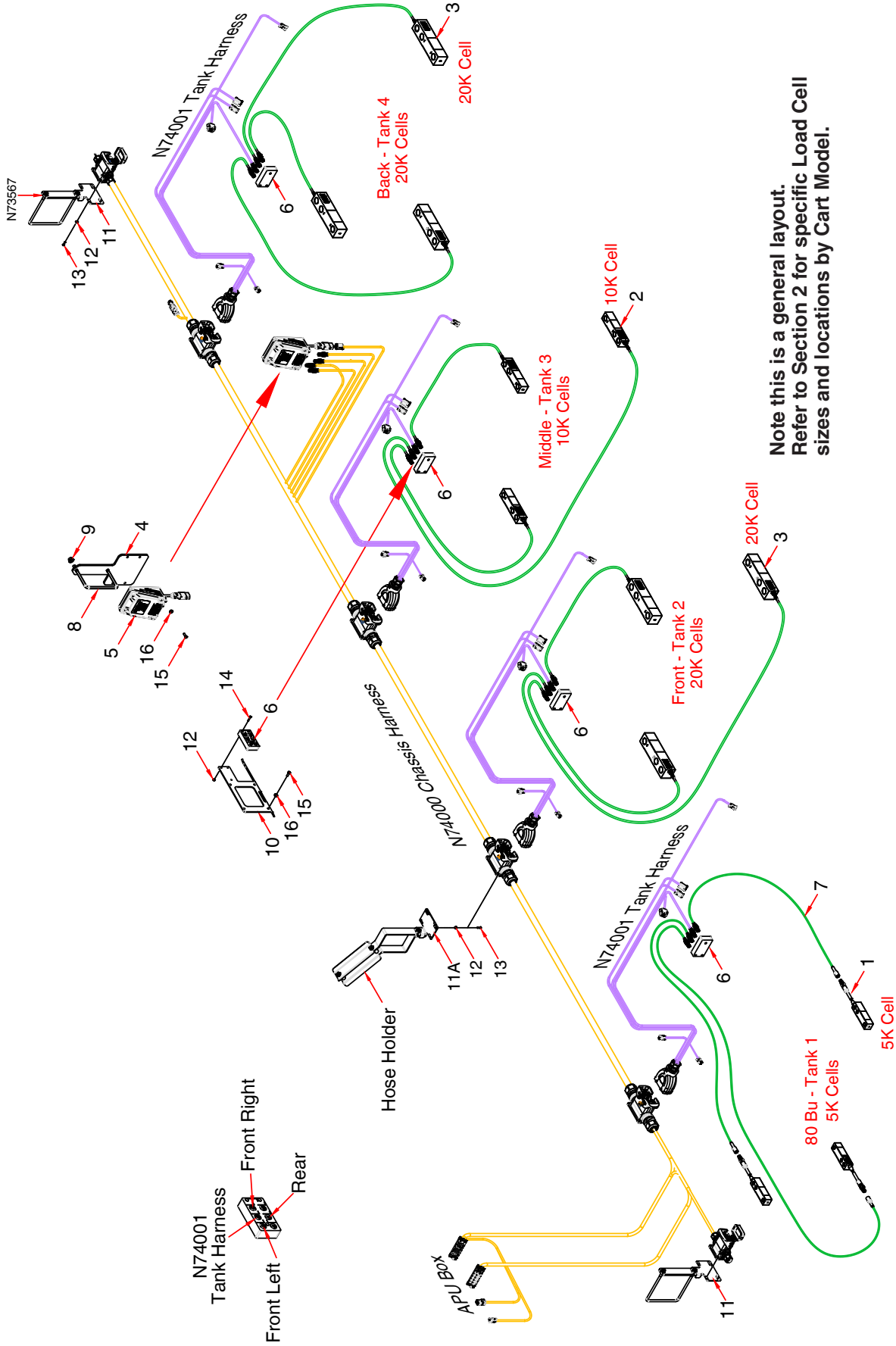




## Cart Harness - Tow Between

Item	Part No.	Description	Qty
<b>Quantities listed are for a 4 Tank system</b>			
1	N74222	Apollo Master Module ECU - CM-40 - E-Drive Version (1069705-01).....	1
2	N74167	Harness 10S CM-40 To Bulkhead V2 .....	1
3	N74163	24V Power Bulkhead.....	1
4	N67038	Harness - Single ECU (1005036-01).....	1
5	N74000	Chassis Harness.....	1
6	N74001	Tank Harness .....	4
7	N74002	Fan Harness.....	1
8	N73025	Power Distribution Module .....	4
9	N73024	Motor DC Bushless - 24V - 8mm Shaft .....	
10	N67030	Harness Apollo Lead - 4GA - (1020151-01) .....	1
11	N67031	Harness Apollo Trailing - 4GA - (1004998-01).....	1
12	N67033	Harness CAN Loop for ECU Break Out - 4GA - (1005340-01).....	1
13	N56519	Terminator Cap - (AGY1355).....	2
14	N59012	Safety Switch Loop .....	2
15	N73021	TopCon Scale Link - SL-2140.....	1
16	N73022	TopCon JBlock-404721 .....	4
17	N74113	Digi-Star Extension Cable - 2m (6') (407868).....	3
18	N59885	Sensor - Flap Position.....	4
19	N73023	Sensor - Pressure - Meter Body.....	4
20	N56511	Proximity Sensor - (1004033-01).....	1
21	N56512	Alternator RPM Cable - Topcon 3P Deutsch 2M Ext (AGA4471) .....	1
22	N70405	Mount Plate.....	4
23	N73883	Mount Plate - Harting Junction.....	4
23A	N70368	Mount Plate - Harting Junction.....	2
24	N70374	Mount Plate - Scale Link.....	1
		<b>G69898 PBAG - HARNESS HARDWARE - 10S - (Includes Items Below) Whole Goods Only</b>	
25	N16564	Locknut - #8-32 UNC Serrated.....	36
	N71832	Locknut- #8 Nylon	
26	N29486	Machine Screw - #8 x 5/8 Lg.....	24
27	N16563	Machine Screw - #8-32 UNC x 1 1/4 Lg.....	12
28	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	20
29	D-5277	Locknut - 1/4 Serrated.....	20
Refer to APU Section for APU Box details			
30	N74248	Motor Sync Loop Cap (Required on All Blanked Runs) .....	AsReq
31	N74249	Cap Holder (Required on All Blanked Runs) .....	AsReq
		<b>G73657 PBAG:CAMERA MOUNTS-4 TNKS/REAR - (Includes Items Below) Whole Goods Only</b>	
32	N73656	Camera Mount - In-Tank.....	4
33	S-1198	Washer - 5/16 ID x 3/4 OD x .065 Thick .....	10
34	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	10
35	D-5277	Locknut - 1/4 Flanged .....	10
36	N37622	Handrail U-Clamp.....	1
37	N73653	Camera Mount - Rear .....	1
38	D12821	Carriage Bolt - 3/8 x 2 Lg .....	2
39	S27987	Locknut - 3/8 Flange .....	2
40	N74252	<b>Scalelink Terminator Y-HRNS (Includes Item 13) .....</b>	<b>1</b>
41	N74714	<b>Termination Extension Harness.....</b>	<b>1</b>

# Cart Harness - 2025 Weigh Scales



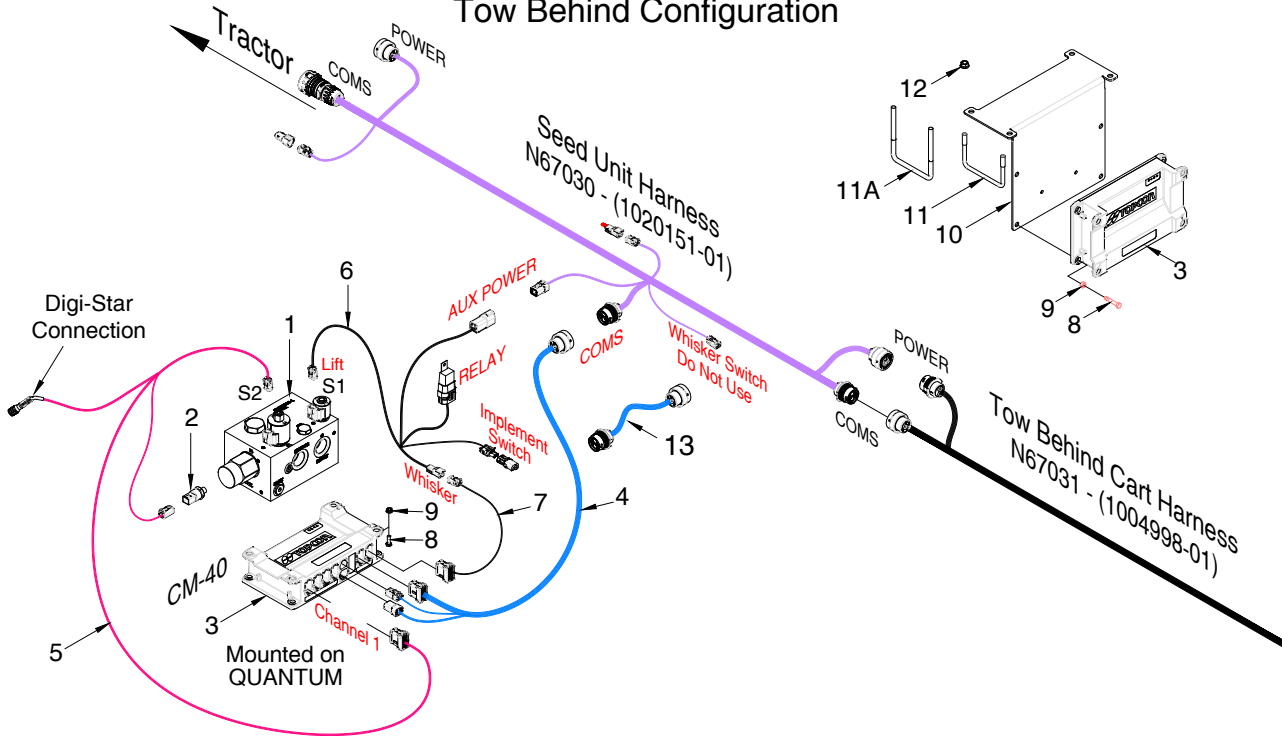
Note this is a general layout.  
Refer to Section 2 for specific Load Cell  
sizes and locations by Cart Model.

## Cart Harness - Weigh Scales

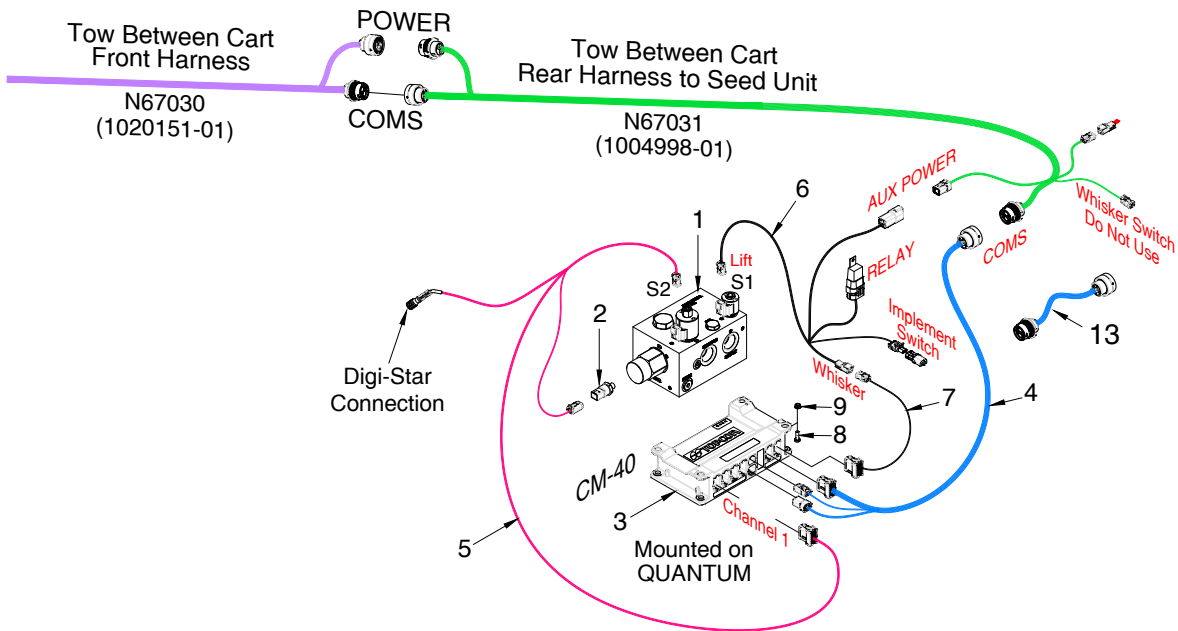
Item	Part No.	Description	Qty
<b>Refer to Section 2 for specific Load Cell sizes and locations by Cart Model.</b>			
1	N71305	Load Cell - 5K .....	3
2	N71310	Load Cell - 10K .....	3
3	N71320	Load Cell - 20K .....	6
4	N70374	Scale Link Mount .....	1
5	N73021	TopCon Scale Link - SL-2140 .....	1
6	N73022	TopCon J Block - 404721 .....	4
7	N74113	Digi-Star Extension Cable - 2m (6') (407868) .....	3
8	H10592	U-Bolt - 3/8 x 6 x 5 Lg .....	1
9	S27987	Locknut - 3/8 Flange .....	2
10	N70405	Mount Plate .....	4
11	N70368	Mount Plate - Harting Junction .....	2
11A	N73883	Mount Plate - Harting Junction .....	4
<b>G69898 PBAG - HARNESS HARDWARE - 10S - (Includes Items Below) Whole Goods Only</b>			
12	N16564	Locknut - #8-32 UNC Serrated .....	36
	N71832	Locknut- #8 Nylon .....	
13	N29486	Machine Screw - #8 x 5/8 Lg .....	24
14	N16563	Machine Screw - #8-32 UNC x 1 1/4 Lg .....	12
15	W-469	Hex Bolt - 1/4 x 3/4 Lg .....	20
16	D-5277	Locknut - 1/4 Serrated .....	20

# QUANTUM Apollo - Lift and Pressure Control Kit

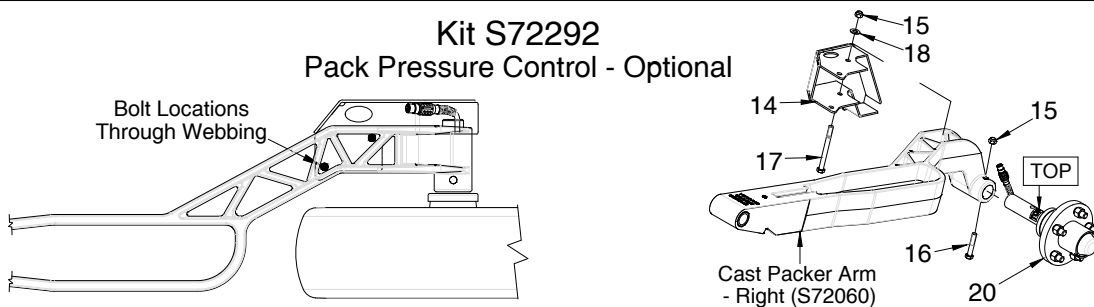
## Tow Behind Configuration



## Tow Between Configuration



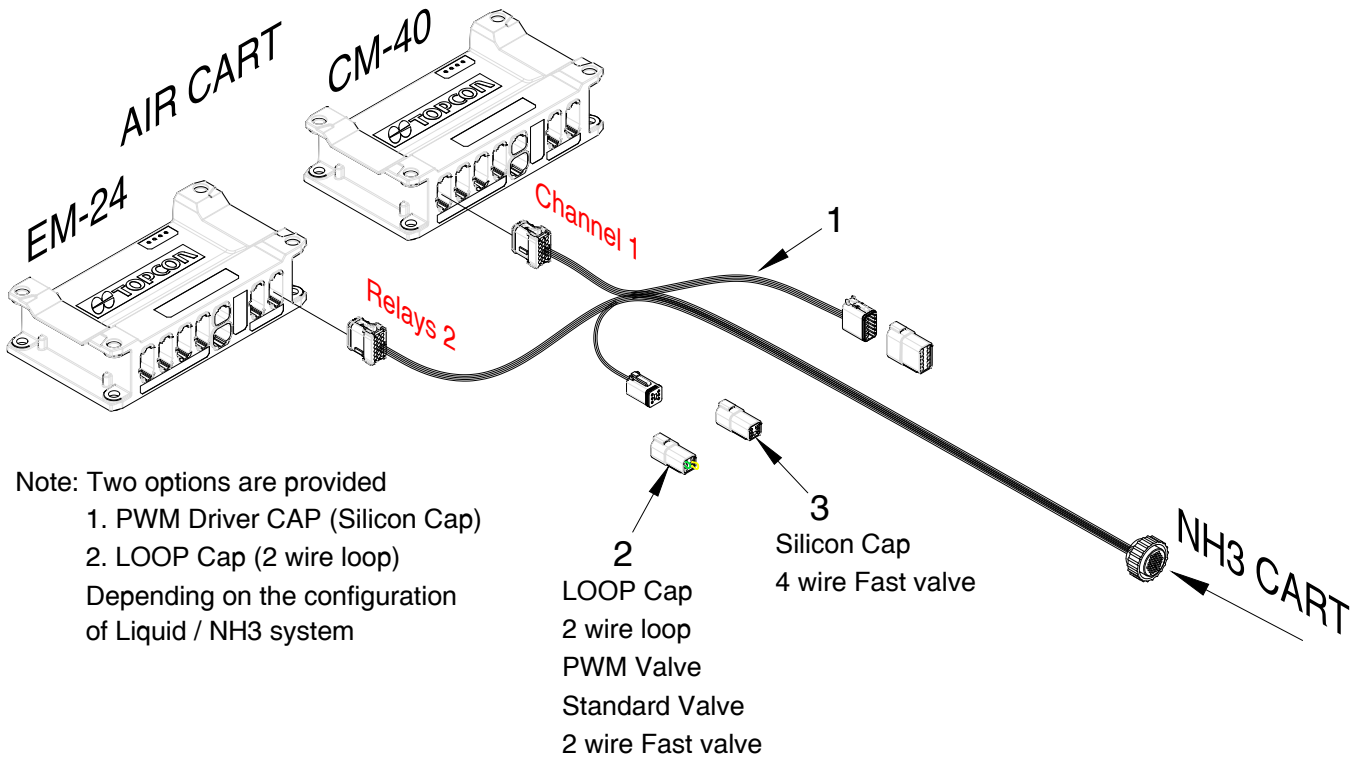
## Kit S72292 Pack Pressure Control - Optional



## 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	N67038	Harness - Single ECU (1005036-01) .....	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.....	2
11A	N15098	U-Bolt - 3/8 x 4 x 5 .....	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

# Liquid and NH3 System Apollo Harness



Item	Part No.	Description	Qty
1	N58776	Morris Liquid Sectional Control Cable - (1005496-01) .....	1
2	N60945	LOOP Cap.....	1
3	N74245	PWM Silicone Driver Cap - Raven Fast Valve [6 Pin Rectangle with silicone on the end] .....	1

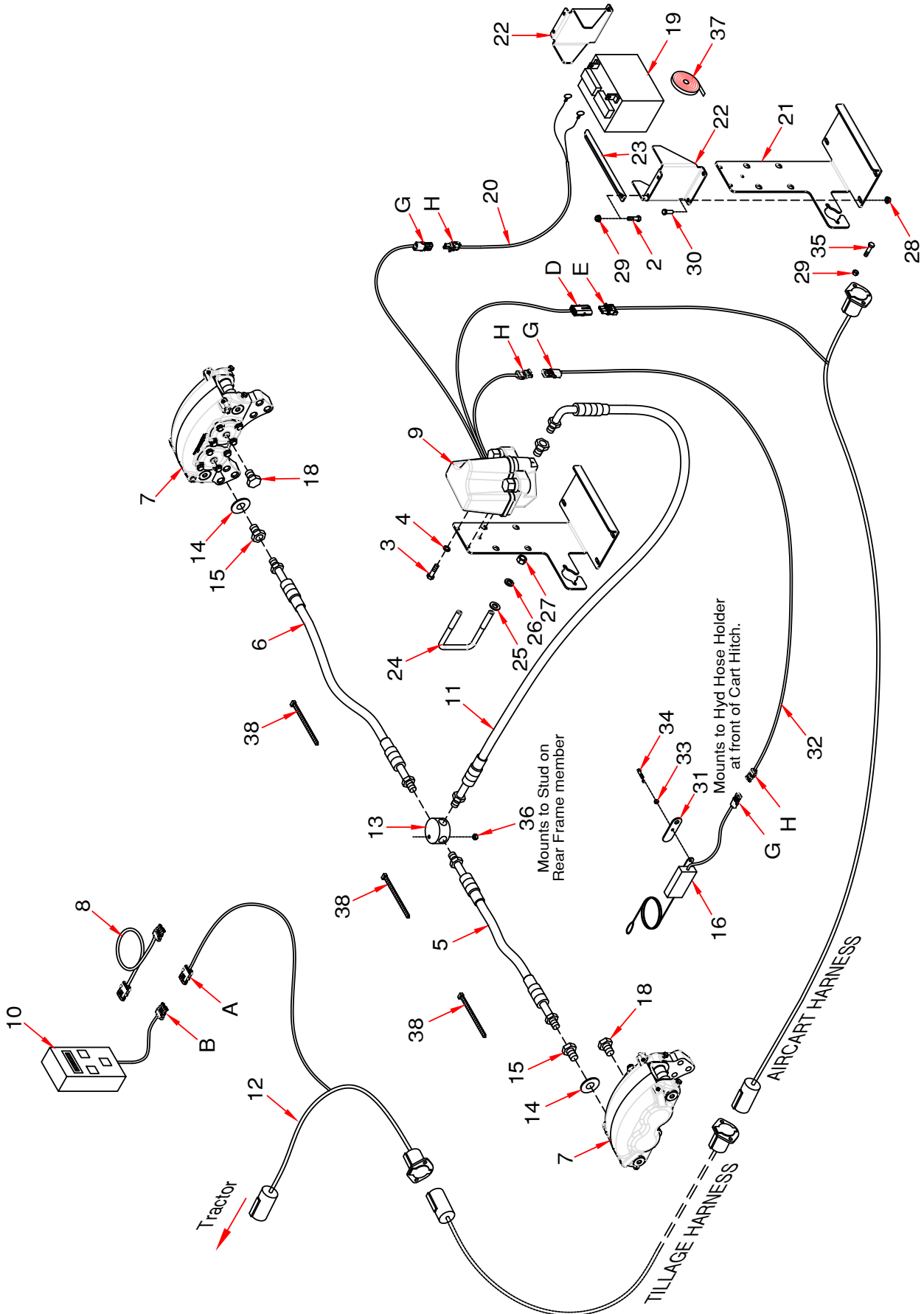
# Section 12: Brakes

## Section Contents

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60K Hub - N71025 .....	12-5
35K Hub - N55226 .....	12-6



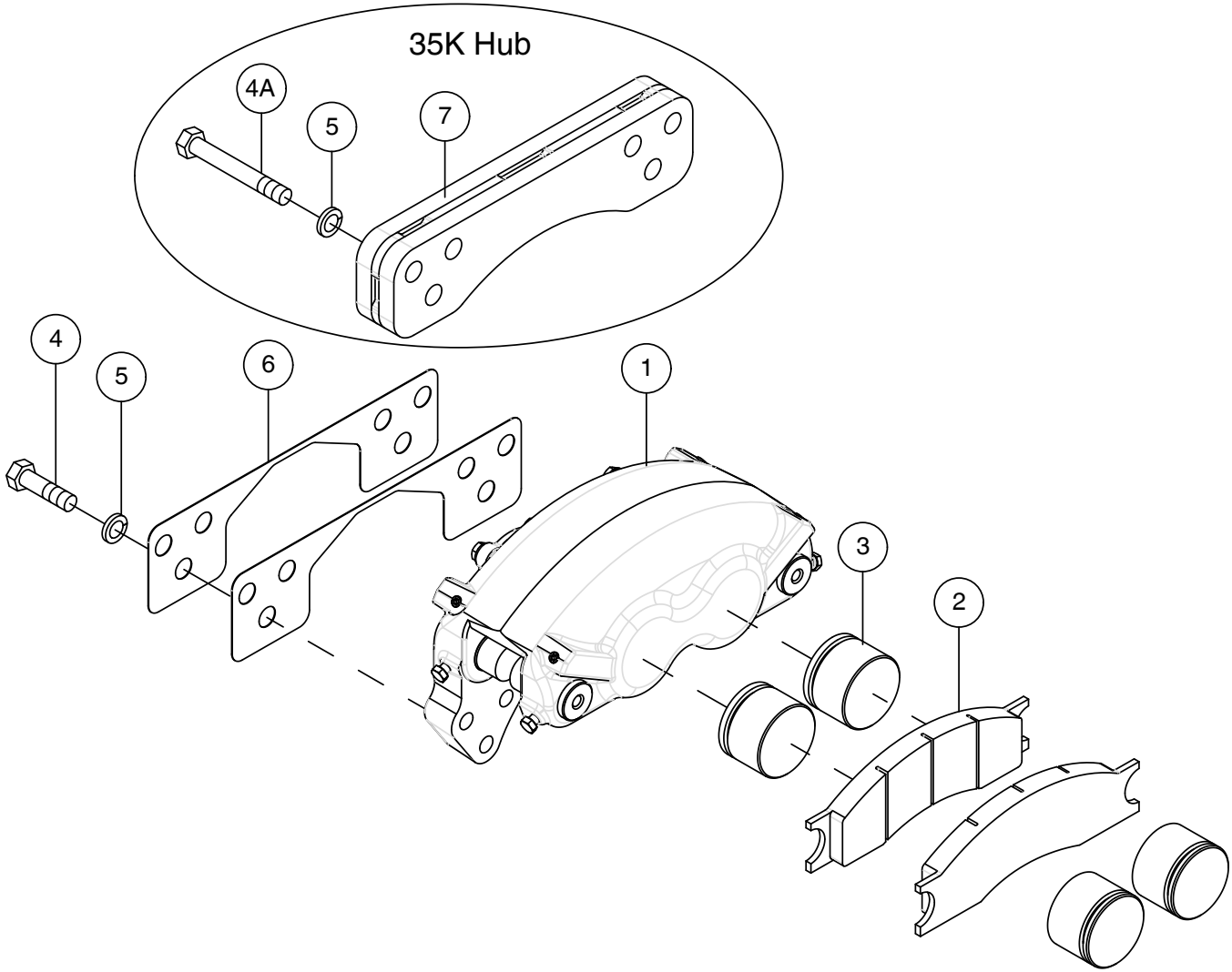
# Brakes Hydraulics and Electrical



## Brakes - Hydraulics and Electrical

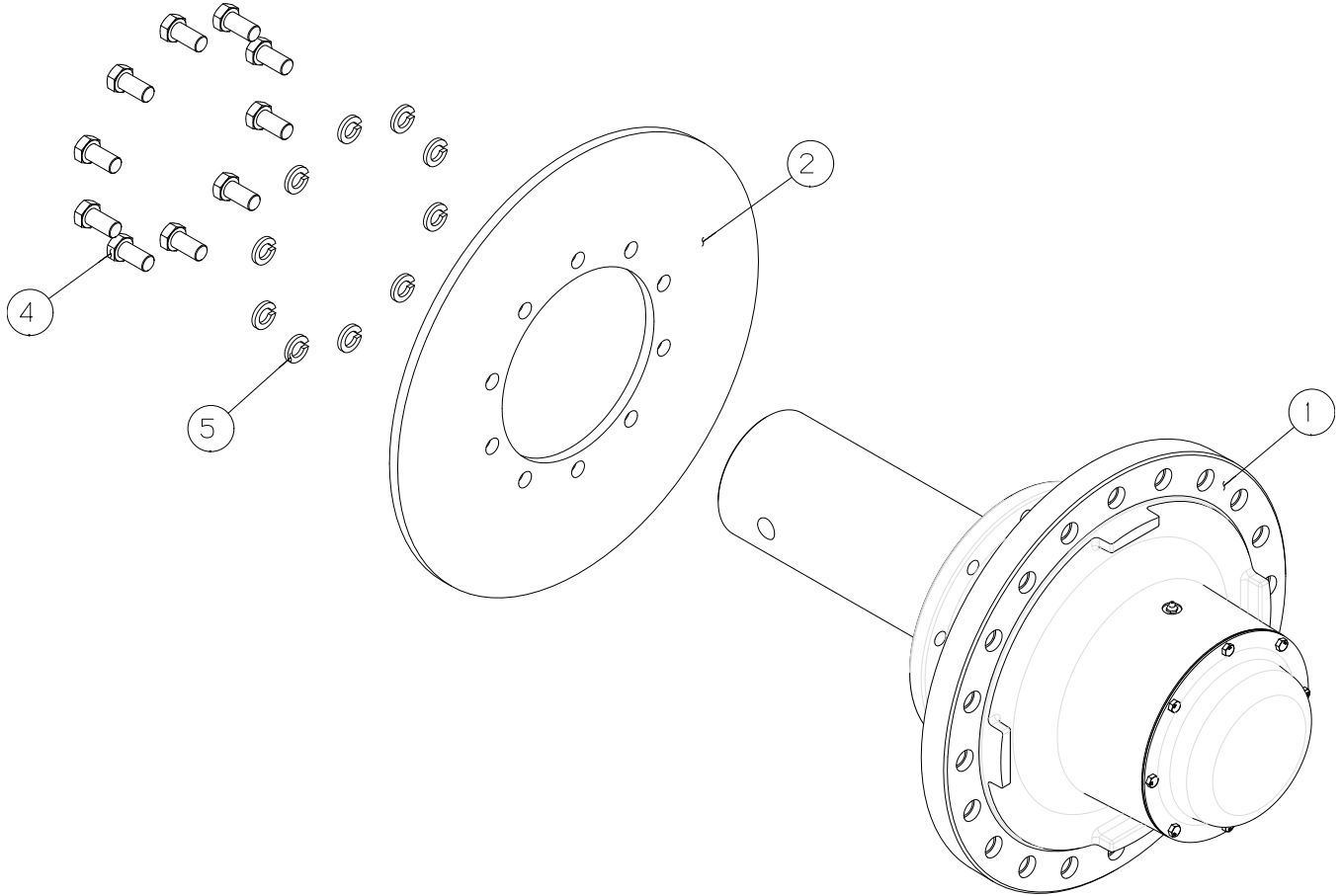
Item	Part No.	Description	Qty
1	N73165	Air Cart Lighting Harness - 620 Lg .....	1
2	F-1767	Bolt - 5/16 x 3/4 Lg.....	2
3	W-471	Bolt - 5/16 x 1 Lg .....	3
4	W-522	Lockwasher - 5/16.....	3
5	N53387	Brake Hose - 1/4 x 150 Lg .....	1
6	N53388	Brake Hose - 1/4 x 180 Lg .....	1
7	N53389	Brake Caliper Assembly .....	2
8	N56076	Extension Harness - Cab Controller - 10 ft Lg .....	1
9	N71445	BrakeRite EHB - Electric/Hydraulic Actuator/Control Module - K68-001-02 .....	1
10	N53397	BrakeRite SD AG Controller - 4858800.....	1
11	N53398	Brake Hose - 1/4 x 24 .....	1
12	N53650	Wiring Harness - Cab Controller - 96 Lg Brake Lead.....	1
13	N53652	Brass Tee Fitting .....	1
14	N53653	Brass Brake Washer - 1/2 ID x 7/8 OD .....	2
15	N53654	Brass Adaptor - Brake Fitting .....	2
16	N53393	BrakeRite SD Breakaway switch - 4834500.....	1
17	N53395	Brakerite SD Battery Cable - 4834400 - Optional battery hook up (Not Shown).....	1
18	N55840	Plug - 5/16 MORB.....	2
19	N53577	Battery - 250 CCA - Interstate #SP-30 .....	1
20	N53571	Battery Cable - .....	1
21	N70431	Holder Plate - Battery.....	1
22	N53578	Bracket - Battery .....	2
23	N53579	Clamp Strap - Battery .....	1
24	C-219	U-Bolt- 5/8 Dia.x 4 x 5 9/16 UL .....	2
25	W-629	Washer - 5/8 x 1 5/16 x 13 Ga .....	4
26	W-526	Lockwasher - 5/8 .....	4
27	W-517	Nut - 5/8.....	4
28	D-5279	Locknut - 3/8 Flange.....	4
29	D-5278	Locknut - 5/16 Flange .....	4
30	W-475	Bolt - 3/8 x 1 Lg .....	4
31	N73163	Bracket Mount - Brakes Breakaway .....	1
32	N73164	Harness - Brakes Breakaway - Cart.....	1
33	N22778	Locknut - 1/4.....	1
34	W-469	Bolt - 1/4 x 3/4 Lg .....	1
35	N29048	Carriage Head Bolt - 5/16 x 1 Lg .....	2
36	C32925	Locknut - 5/16 Center .....	1
37	N15716	Seal Strip - 1/4 x 1/Foot.....	3 FT
38	D-4951	Nylon Tie Strap - 7 3/8 Lg .....	12
	N52683	Brake Hose Kit - (Contains Items 5, 6, 11, 13, 14 &15)	
	N53391	Brakerite EHB Kit - (Contains Items 9, 16 & 17)	
	N73162	Breakaway Kit - (Contains Items 31,32, 33 & 34)	
	N70397	Brakerite Assy - 35K Hub - (Whole Goods Only) - (Includes all Items above except 19)	
	N70407	Brakerite Assy - 60K Hub - (Whole Goods Only) - (Includes all Items above except 19)	
A	N29151	Weather Pak Connector - Shroud - 4 Male Terminals	
B	N29152	Weather Pak Connector - Tower - 4 Female Terminals	
C	N29153	Seal Connector - BLACK - 4 Pin	
D	N27613	Weather Pak Connector - Shroud - 3 Male Terminals	
E	N27614	Weather Pak Connector - Tower - 3 Female Terminals	
F	N27615	Seal Connector - BLACK - 3 Pin	
G	N29384	Weather - Pack - Shroud - 2 Male Terminals	
H	N29385	Weather - Pack - Tower - 2 Female Terminals	

## Brakes Brake Caliper



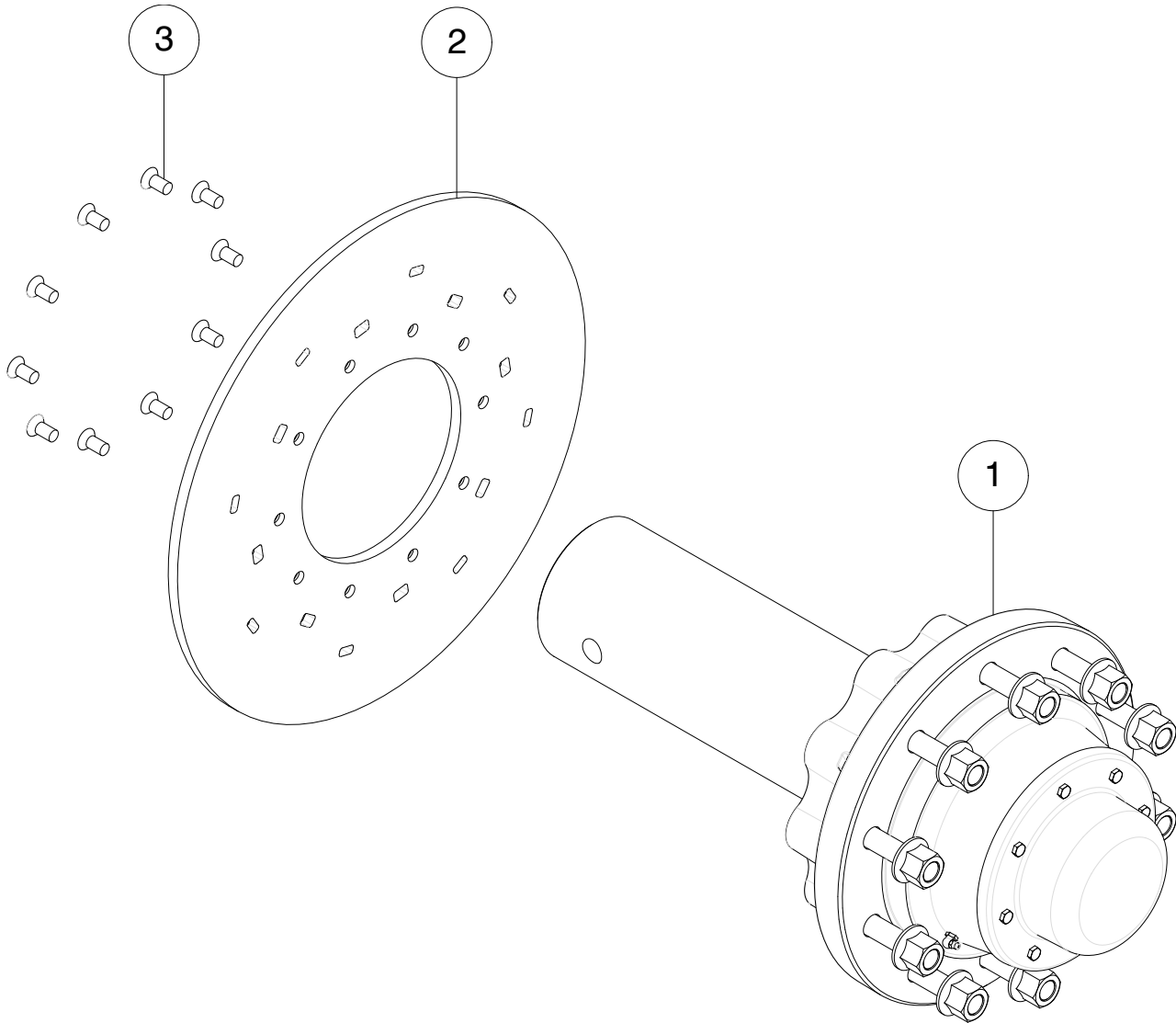
Item	Part No.	Description	Qty
1	N53389	Brake Caliper - Contains N53452, N53453 & N53451 .....	1
2	N53452	Brake Pad Kit - 2 pads .....	1
3	N53453	Brake Piston .....	4
4	C-695	Bolt - 3/4 x 2 Lg - for 60K Hub .....	6
4A	D-5256	Bolt - 3/4 x 4 Lg - for 35K Hub .....	6
5	W-527	Lockwasher - 3/4 .....	6
6	N53588	Shim Plate - 22 Ga - Add shim as required for proper caliper setting - Option .....	4
7	N70369	Spacer - for 35K Hub .....	2
	N53451	Seal Kit .....	1

## Brake Rotor Assembly 60K Hub - N71025



Item	Part No.	Description	Qty
1	N71035	Hub + Spindle Assembly - 60K.....	1
2	N71030	Brake Rotor - 60K Hub.....	1
3	G69974	Pbag-10S - Brake Disc - 60K Hub - (Includes Items Below) Whole Goods Only.....	1
4	N71031	Hex Head Bolt - 3/4-16 UNF x 1 1/2 Lg.....	10
5	W-527	Lockwasher - 3/4.....	10
	N71025	Hub + Spindle Assy W/Brake - 60K (Includes Items above) Whole Goods Only	
1	N55225	Hub + Spindle Assembly - 35K.....	1
2	N19230	Hex Cap Screw - 1/2.....	20
3	N51736	Brake Rotor - 35K Hub.....	1
	N55226	Hub + Spindle Assy W/Brake - 35K (Includes Items above) Whole Goods Only	

## Brake Rotor Assembly 35K Hub - N55226



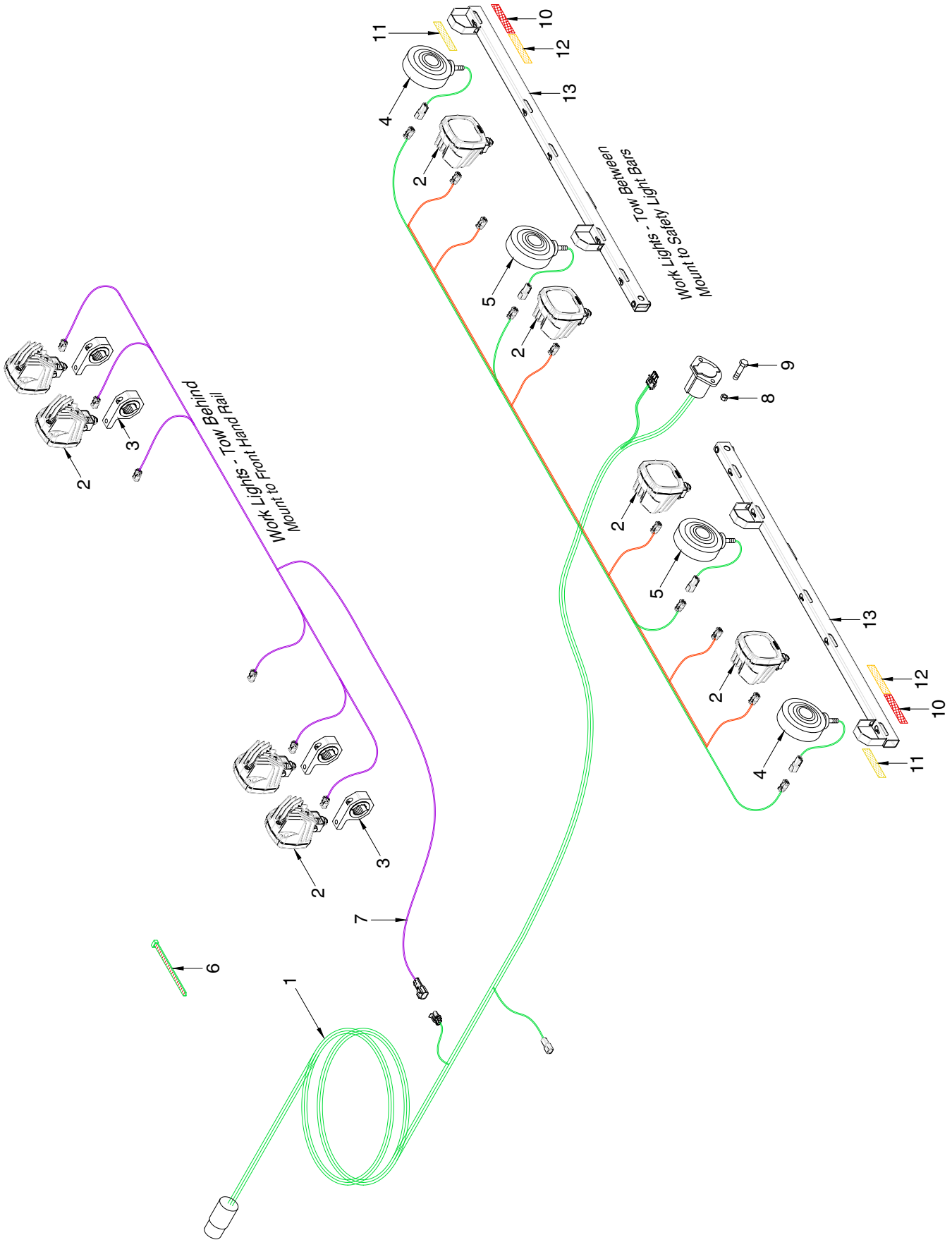
Item	Part No.	Description	Qty
1	N55225	Hub + Spindle Assembly - 35K.....	1
2	N19230	Hex Cap Screw - 1/2.....	10
3	N51736	Brake Rotor - 35K Hub.....	1
	N55226	Hub + Spindle Assy W/Brake - 35K (Includes Items above) <b>Whole Goods Only</b>	

# Section 13: Lighting and Safety Signs

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# Lighting Marking and Work Lights

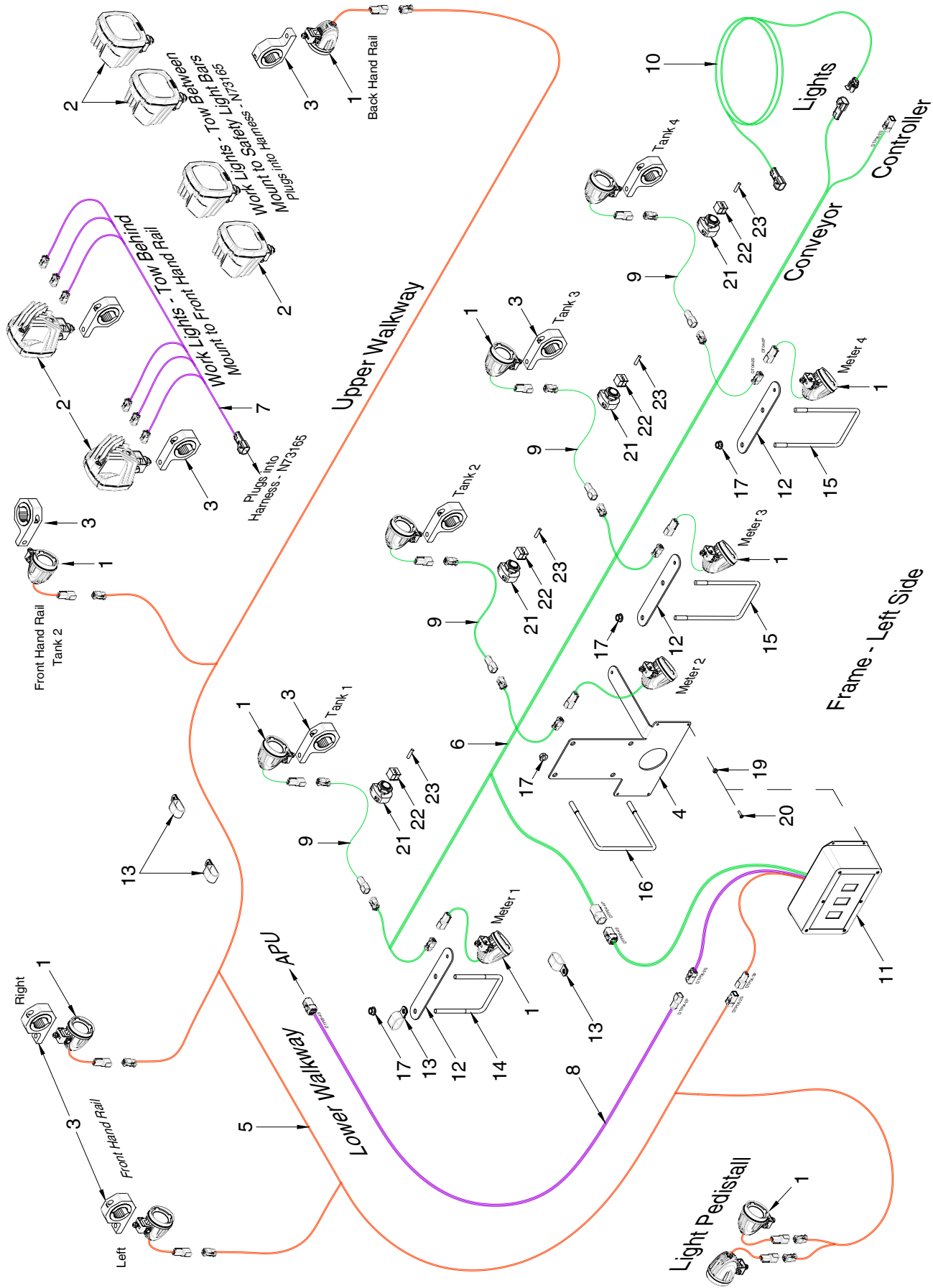


## Lighting - Marking and Work Lights

Item	Part No.	Description	Qty
1	N73165	Harness 7 Pin - Safety Lights .....	1
2	N73090	Light - 6H60 - Work Lights - (Part of Kit N73100).....	4
3	N73092	Light Mount (Tow Behind Only).....	4
4	<b>N50365</b>	<b>Light LED - Amber</b> .....	2
5	<b>N50366</b>	<b>Light LED - Red</b> .....	2
6	D-4951	Nylon Tie Strap - 7 3/8 Lg .....	10
7	N73096	Harness - Lights Work (Tow Behind Only) .....	1
8	D-5278	Locknut - 5/16 Serrated .....	2
9	N29048	Carriage Head Bolt - 5/16 x 1 Lg .....	2
10	N34476	Reflector - Red.....	2
11	N34477	Reflector - Amber.....	2
12	N34478	Reflector - Orange .....	2
13	N71460	Light Bracket.....	2



# Lighting Walkway, Tank and Metering



## Lighting - Walkway, Tank and Metering

Item	Part No.	Description	Qty
1	N73088	Light - 1L10.....	14
2	N73090	Light - 6H60 - Work Lights (See "Marking Lights" for Connection Detail).....	4
3	N73092	Light Mount.....(Tow Between only requires 8)	12
4	N73167	Mount Bracket - Switch Box.....	1
5	N73094	Harness - Lights Stairway.....	1
6	N73095	Harness - Conveyor Lights And Lodar Valve Control.....	1
7	N73096	Harness - Lights Work - Tow Behind Only (See "Marking Lights" for Connection Detail)...	1
8	N73097	Harness - Power - 180 Lg.....	1
9	N73099	Harness - Lights Extension - 122 Lg.....	4
10	N73294	Harness - Conveyor Lights Extension - 192 Lg.....	1
11	N73098	Switch Box - Power.....	1
	N73168	Switch.....	3
	<b>G73661</b>	<b>Poly Bag - Lighting Hardware - (Whole Goods Only)</b>	
12	N73093	Light Mount Plate.....	3
13	S68415	P Clip.....	4
14	N15098	U-Bolt - 3/8 x 4 x 5.....	1
15	N19723	U-Bolt - 3/8 x 4 1/16 x 6 15/16.....	2
16	H10592	U-Bolt - 3/8 x 6 x 5.....	2
17	S27987	Locknut - 3/8 Flanged.....	10
18	N40748	Flatwasher.....	8
19	N71832	Locknut- #8 Nylon.....	4
20	N29486	Machine Screw - #8 x 5/8 Lg.....	4
21	N70401	Spit Cable Gland (1 per Tank).....	4
22	N70402	Cable Gland - 7 mm Holes (1 per Tank).....	4
23	N70403	Grommet Plug - 7 mm (1 per Tank).....	4
	N73100	ORDER KITS THROUGH WHOLE GOODS ONLY Kit - Lights (Includes items1 to 3)	
	<b>G73660</b>	<b>Kit - Lighting Tow Behind (Includes N73165, N50365, N50366 and All above Items)</b>	
	<b>G73662</b>	<b>Kit - Lighting Tow Between (Includes N73165, N50365, N50366 and All above Items except for item 7)</b>	

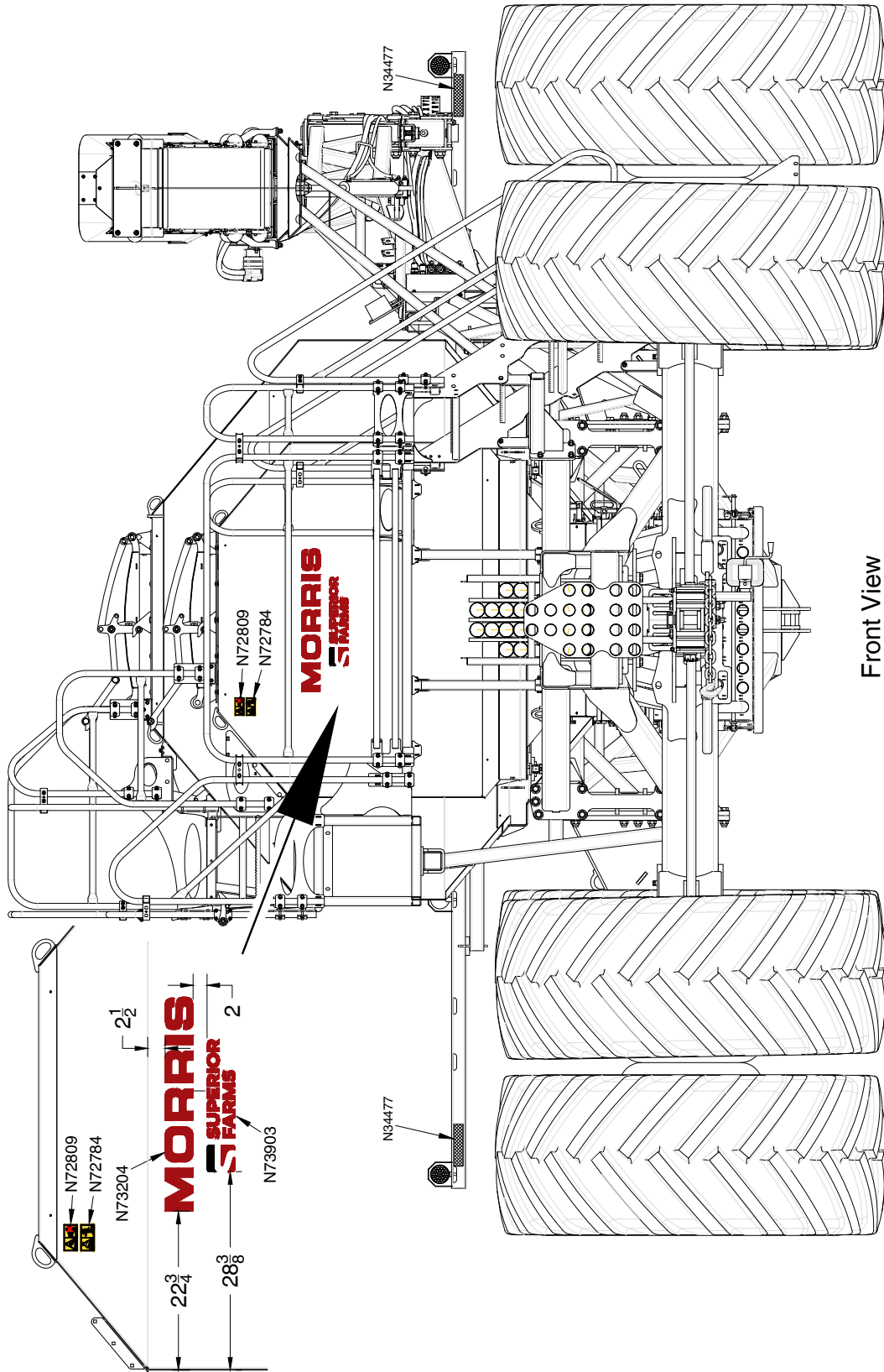
## Safety Signs

### Decals

Part #	Description .....	QTY
Tanks		
Frame		
N45429	Decal - Patented .....	1
N55496	Decal - Patented .....	1
11547	Patent - Pending .....	1
N50177	Decal - Fan 1 .....	1
N50178	Decal - Fan 2 .....	1
N50875	Decal - Conveyor Lock .....	1
N71105	Decal - Conveyor Arm Positions .....	1
N71125	Decal - Conveyor Gauge .....	2
N68512	ISO Decal - Burn Hazard .....	2
N72781	ISO Decal - Crush Hazard .....	2
N72782	Decal - OPEN/CLOSED .....	1 per meter body
N72783	Decal - Meter Number .....	2 per meter body
N72784	ISO Decal - Dust Hazard .....	2
N72785	ISO Decal - No Entry .....	1
N72786	ISO Decal - Electrical Hazard .....	1
N72805	ISO Decal - Read Manual .....	1
N72806	ISO Decal - Turn Off Machine Before Servicing .....	1
N72807	ISO Decal - High Pressure Hazard .....	1
N72808	ISO Decal - Over Head Hazard .....	3
N72809	ISO Decal - No Riders .....	2
N72849	ISO Decal - Rotate Crush Hazard .....	2
N72850	ISO Decal - Rotate Hazard .....	4 1 per meter body
N72851	ISO Decal - Electrical Over Head Hazard .....	2
N72852	ISO Decal - Crushing Hazard .....	2
N72853	ISO Decal - Rotating Belt Hazard .....	1
N72854	ISO Decal - Tank Lid Pressure .....	1 per Lid
N72785	ISO Decal - No Ladder Do Not Enter .....	1
N72787	Decal - Collector Valve Position - <b>Tow Between</b> .....	1 per meter body
N73295	Decal - Collector Valve Position - <b>Tow Behind</b> .....	1 per meter body
N72797	Decal - Tank Shut-Off .....	1 per meter body
N72798	Decal - Seed Plate Setting .....	1 per meter body
N73179	Decal - APU Power .....	1
N73903	Decal - Superior Farms Equipment .....	1
N73210	Decal - Tire Chart - North America .....	1
N74297	Decal - Tire Chart - Australia .....	1
N74298	Decal - Seed Plate Position .....	1
N74299	Decal - Speed Identification .....	1
N34476	Reflector - Red .....	4
N34477	Reflector - Yellow .....	8
N34478	Reflector - Orange .....	4
N34475	SMV Sign .....	1

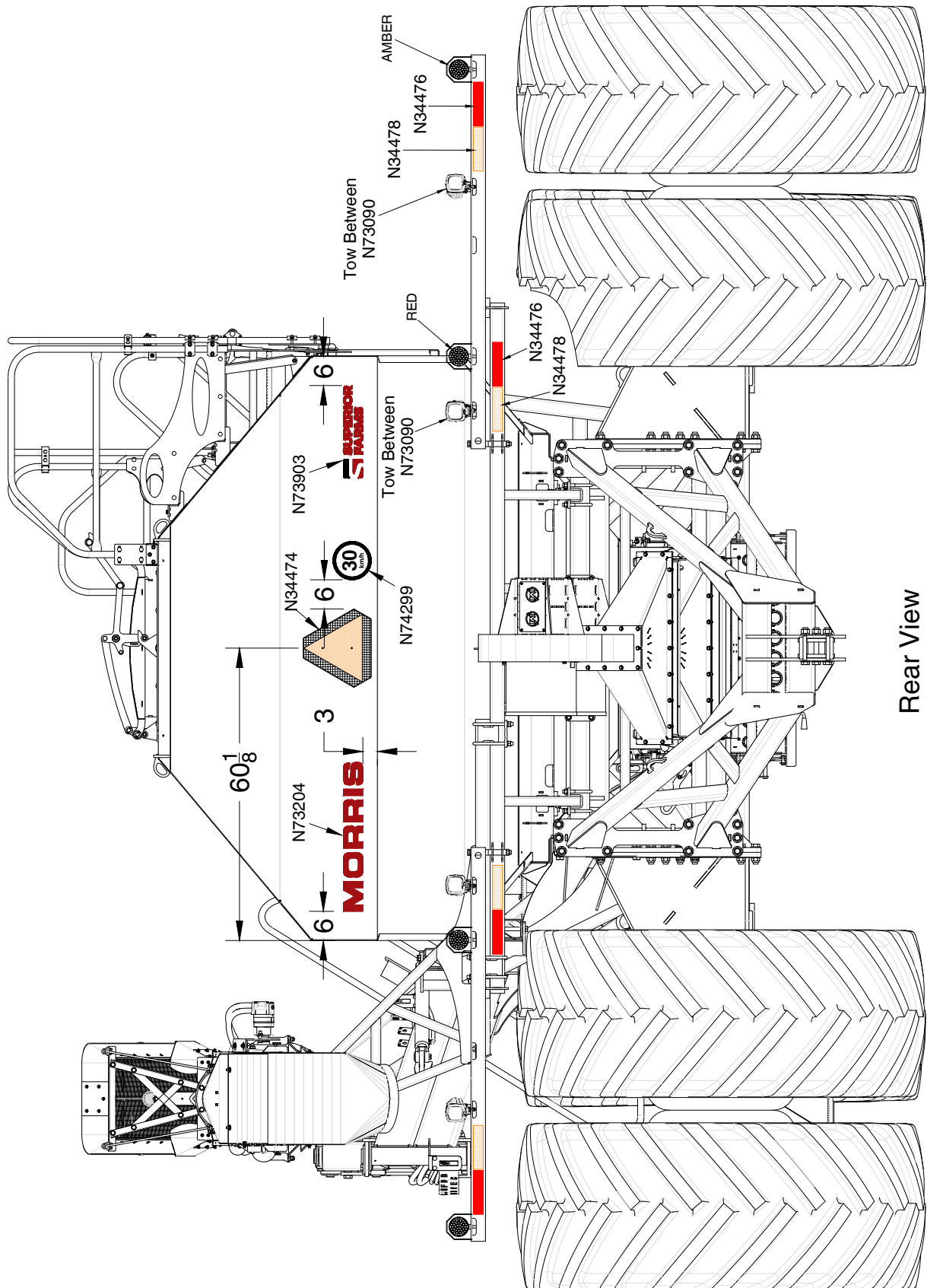
The following pages provide basic Decal Location information, for more details contact Morris' Customer Service.

Front



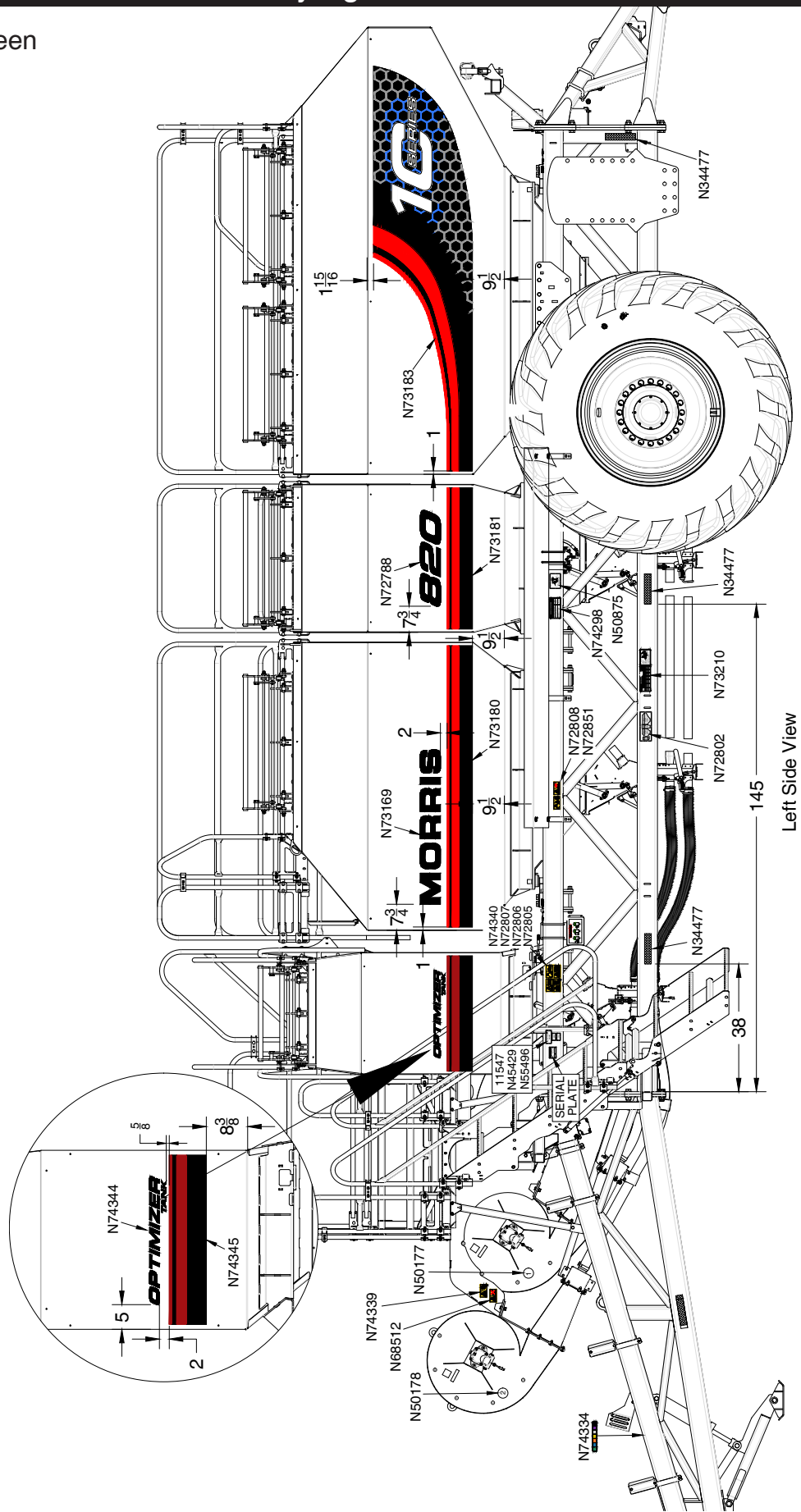
# Safety Signs

Rear



# Safety Signs

Left Side - Tow Between



Left Side View



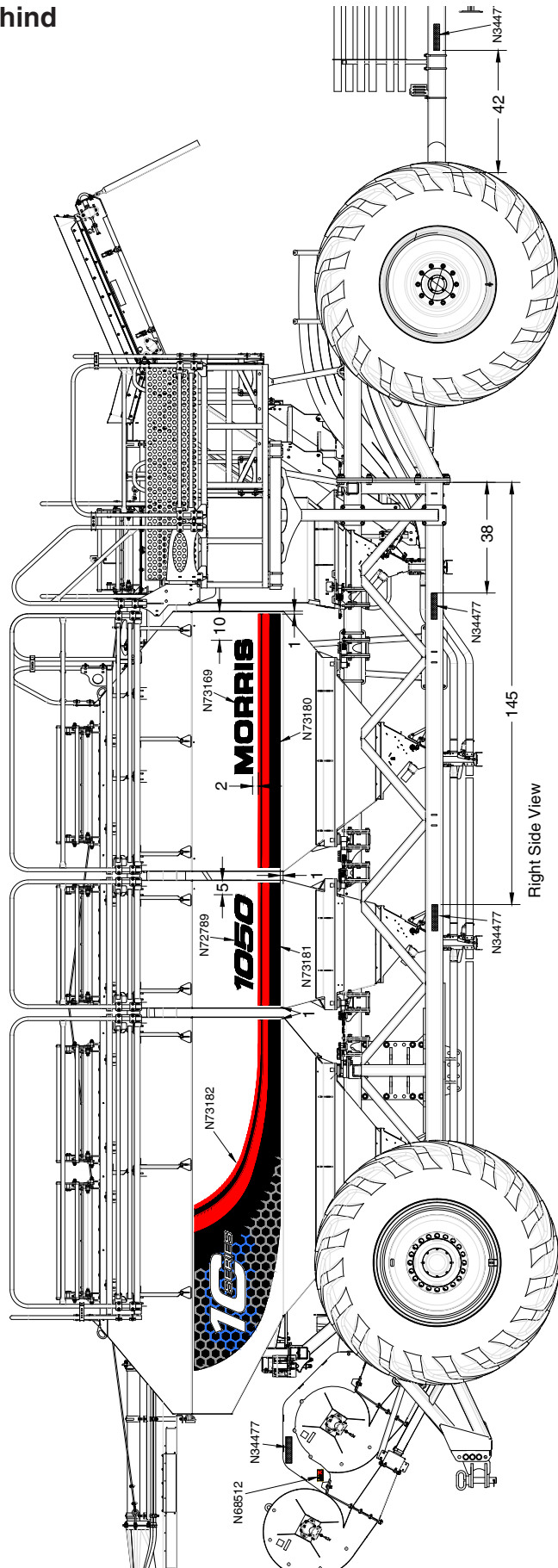






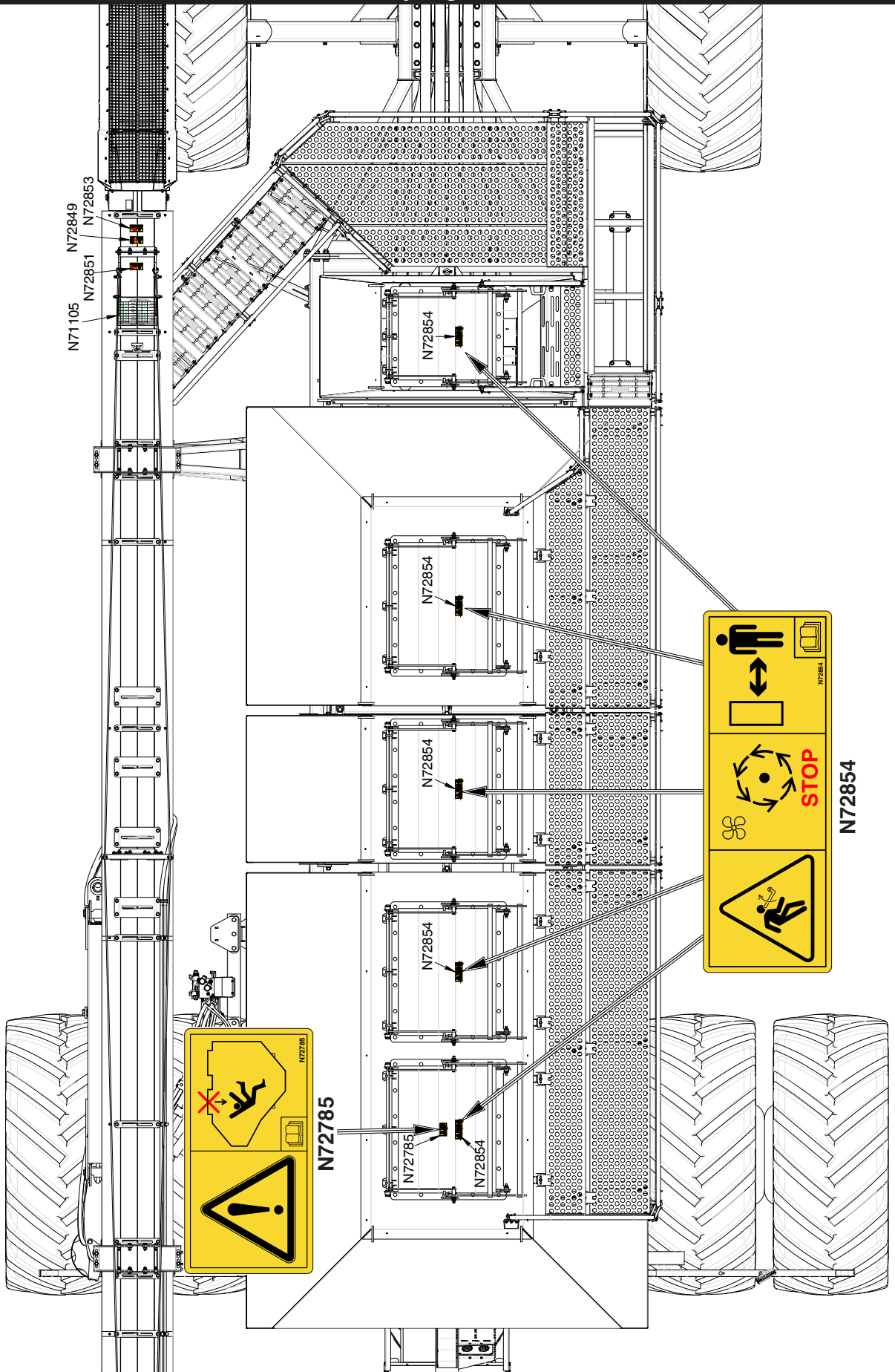
# Safety Signs

## Right Side - Tow Behind



# Safety Signs

Top



# Safety Signs

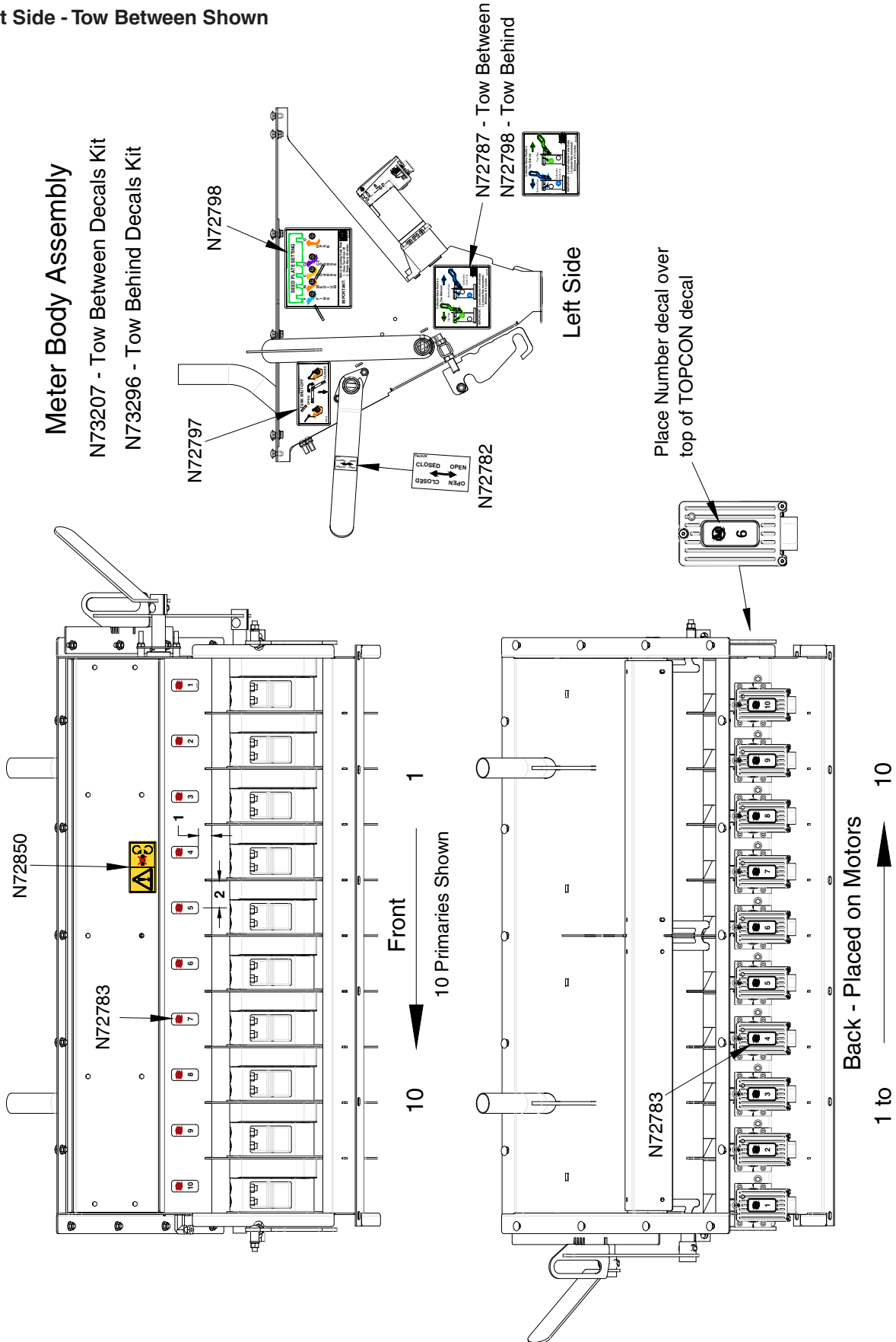
## Meter Body Decals

Right Side - Tow Between Shown

### Meter Body Assembly

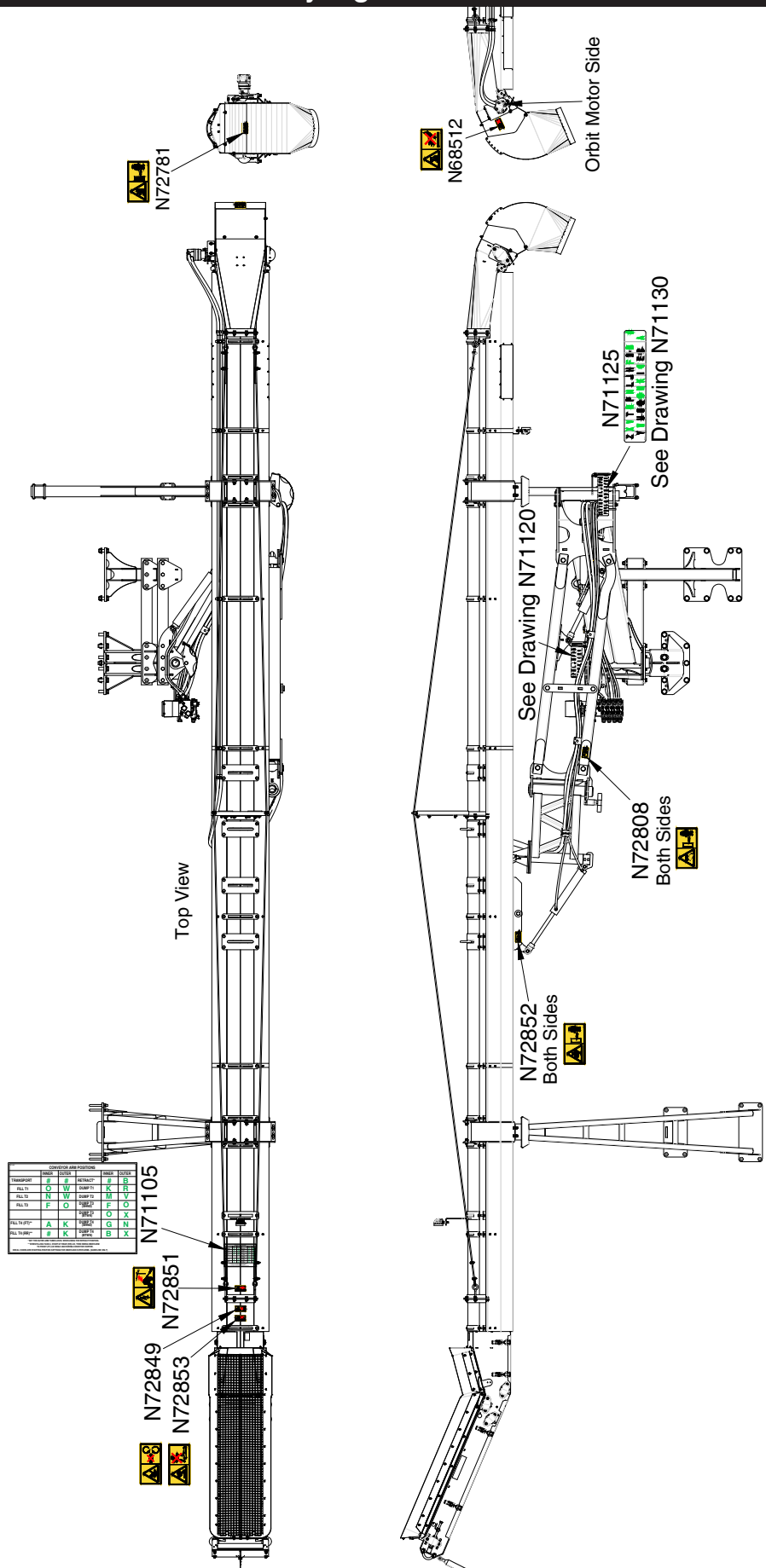
N73207 - Tow Between Decals Kit

N73296 - Tow Behind Decals Kit



# Safety Signs

## Conveyor



## Notes

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