



Parts Manual



**10 Series
Air Cart**

North America
Part Number N72799-00C

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

Part Number	Description
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

Part Number	Description
N19277	Elastomeric Sealant - White - 300 ml Tube
N64530	Acrylic Caulking - Grey - 300 ml Tube
N72549	High Temp Sealant - 300 ml Tube

MANUALS

Part Number	Description
N72800	Operator's Manual
N72801	Assembly Manual

Table of Contents

Section 1:

Cart Base Assembly.....	1-1
Tow Between.....	1-2
820 Cart	1-2
Tow Behind.....	1-4
1050 Cart	1-4

Section 2:

Frames and Axles.....	2-1
Tow Between.....	2-2
Hitch Jack Assembly.....	2-2
Hydraulics.....	2-3
Tow Between - 820 (G69930)	2-4
Stage 1	2-4
Stage 2 - See Single Fan Assy Section 7	2-4
Stage 3	2-6
Stage 4	2-8
Tow Behind 1050 - G69940.....	2-10
Stage 1	2-10
Stage 2	2-12
Quad Steer Axle Sub Assembly	2-14
Stage 3	2-16
Stage 4 - See Single Fan Assy Section 7	2-16
Stage 5	2-18
Rear Tow Hitch	2-20

Section 3:

Tanks and Stairway	3-1
Tanks	3-2
Tank Combinations.....	3-2
820 Cart	3-4
1050 Cart	3-6
80 Bushels - N70925	3-8
820 Tanks	3-10
Front 250 Bushels - N70832	3-10
Middle 135 Bushels - N70825.....	3-12
Back 355 Bushels - N70820	3-14
1050 Tanks.....	3-16
Front 330 Bushels - N70932	3-16
Middle 175 Bushels - N70935.....	3-18
Back 465 Bushels - N70940	3-20
Lid Assembly	3-22
Narrow Lid.....	3-22
Wide Lid.....	3-24
Stairway.....	3-26
Front Platform	3-26
Front Staircase Assembly.....	3-28

Section 4:

Metering System.....	4-1
Metering Body	4-2
Meter Wheel Drive Assembly - 2 Wide	4-2
Meter Wheel Drive Assembly - 10 Wide	4-3
Clean-Out Door.....	4-4
Stage 1	4-5
Stage 2	4-6
Meter Blank-Off	4-8

Table of Contents

Collector Assembly.....	4-9
Collector Cleanout Floor Assembly.....	4-9
Tow Between.....	4-10
Tow Behind.....	4-12
Distribution Pipes	4-14
Tow Between - Single Fan.....	4-14
Tow Between - Dual Fan	4-16
Tow Behind - Single Fan	4-18
Tow Behind - Dual Fan	4-20
Calibration Tray	4-22
Section 5:	
Wheel & Hub	5-1
Hub & Tire	5-2
Front Axle	5-2
Rear Axle	5-3
Section 6:	
Conveyor	6-1
Conveyor System - N69963	6-2
Arms	6-2
Control Kit - N70530	6-5
Conveyor Assembly.....	6-6
Hopper Assembly.....	6-12
Hopper Screen Kit.....	6-14
Hopper Containment	6-16
Swivel Hood Discharge.....	6-17
Hydraulics	6-18
Section 7:	
Fan	7-1
Fan	7-2
Fan Assembly.....	7-2
Orbit Motor.....	7-3
Fan/Plenum Assembly	7-4
Single Fan Assembly.....	7-6
Tow Between	7-6
Tow Behind.....	7-8
Second Fan Assembly.....	7-10
Air Guard System	7-11
Hydraulics and Bracket Kit	7-11
Cooler Assembly	7-12
Section 8:	
Hydraulics	8-1
Tow Behind Hydraulics	8-2
Single Fan with Conveyor	8-2
Dual Fan with Conveyor	8-4
No Conveyor	8-6
Cross Tillage Kit	8-8
Tow Between Hydraulics	8-10
Single Fan with Conveyor	8-10
Dual Fans with Conveyor	8-12
No Conveyor	8-14
Conveyor Hydraulics	8-16
Arms	8-16

Table of Contents

Valve Block - N70485	8-18
Section 9:	
Axillary Power Unit Assembly	9-1
APU Assembly	9-2
Alternator Module.....	9-2
Battery Module.....	9-4
Power Disconnect Panel	9-6
Module C	9-8
Hydraulics	9-10
Section 10:	
Monitor System.....	10-1
TOPCON XD+ Monitor.....	10-2
Tractor Installation	10-2
Data Modem Kit	10-3
Cart Harness.....	10-4
Tow Behind.....	10-4
Tow Between.....	10-6
Weigh Scales	10-8
QUANTUM	10-10
Apollo - Lift and Pressure Control Kit	10-10
Liquid and NH ₃ System.....	10-12
Section 11:	
Brakes	11-1
Hydraulics and Electrical	11-2
Brake Caliper.....	11-4
Brake Rotor Assembly	11-5
Section 12:	
Lighting and Safety Signs	12-1
Marking and Work Lights.....	12-2
Walkway, Tank and Metering.....	12-4
Safety Signs	12-6
Decals	12-6
Front.....	12-7
Rear	12-8
Left Side - Tow Between.....	12-9
Right Side - Tow Between	12-10
Left Side - Tow Behind.....	12-11
Right Side - Tow Behind	12-12
Top	12-13
Meter Body Decals.....	12-14
Conveyor.....	12-15
Index	i

Table of Contents

Notes

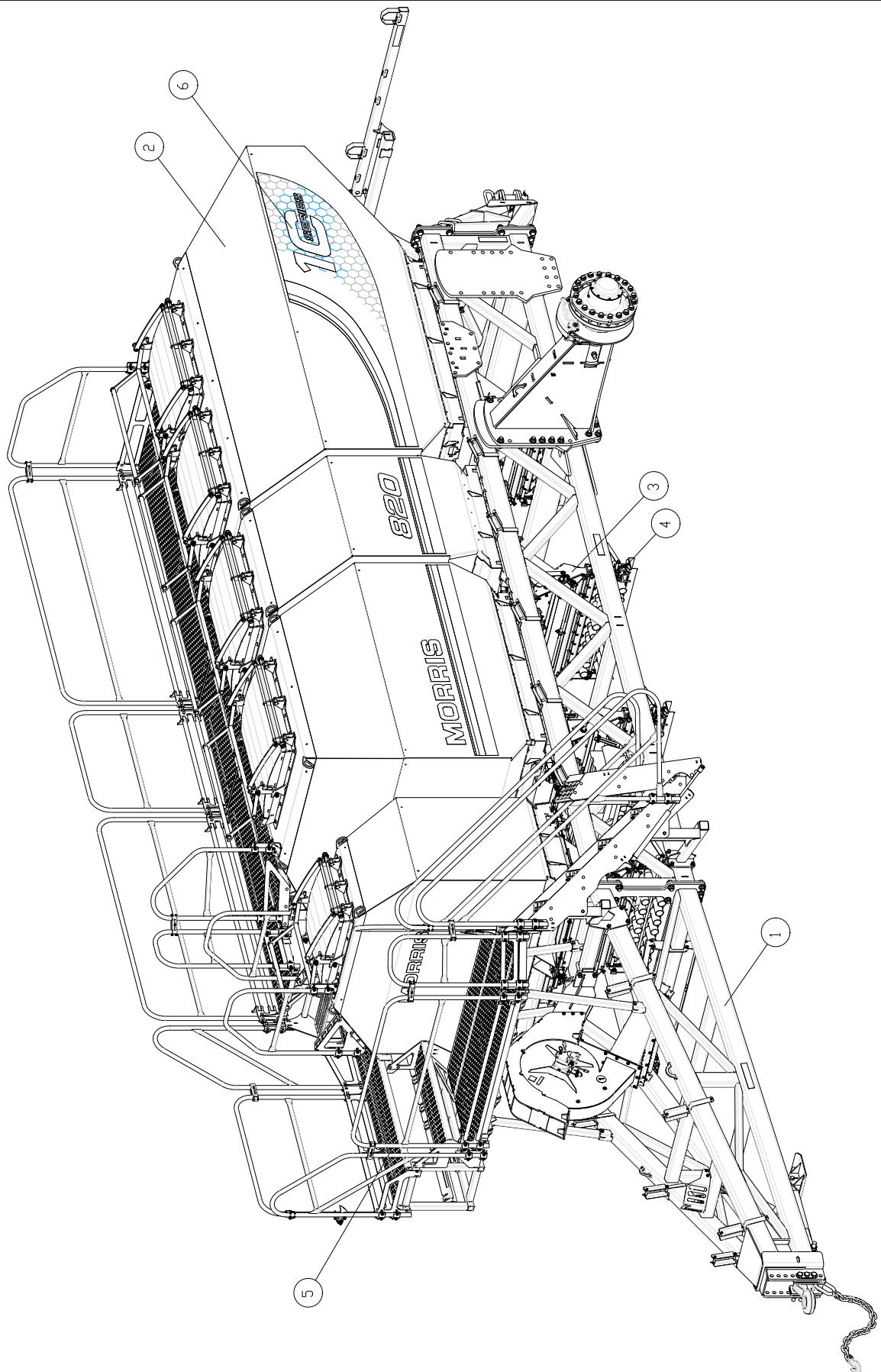
Section 1:

Cart Base Assembly

Section Contents

Tow Between	1-2
820 Cart	1-2
Tow Behind	1-4
1050 Cart.....	1-4

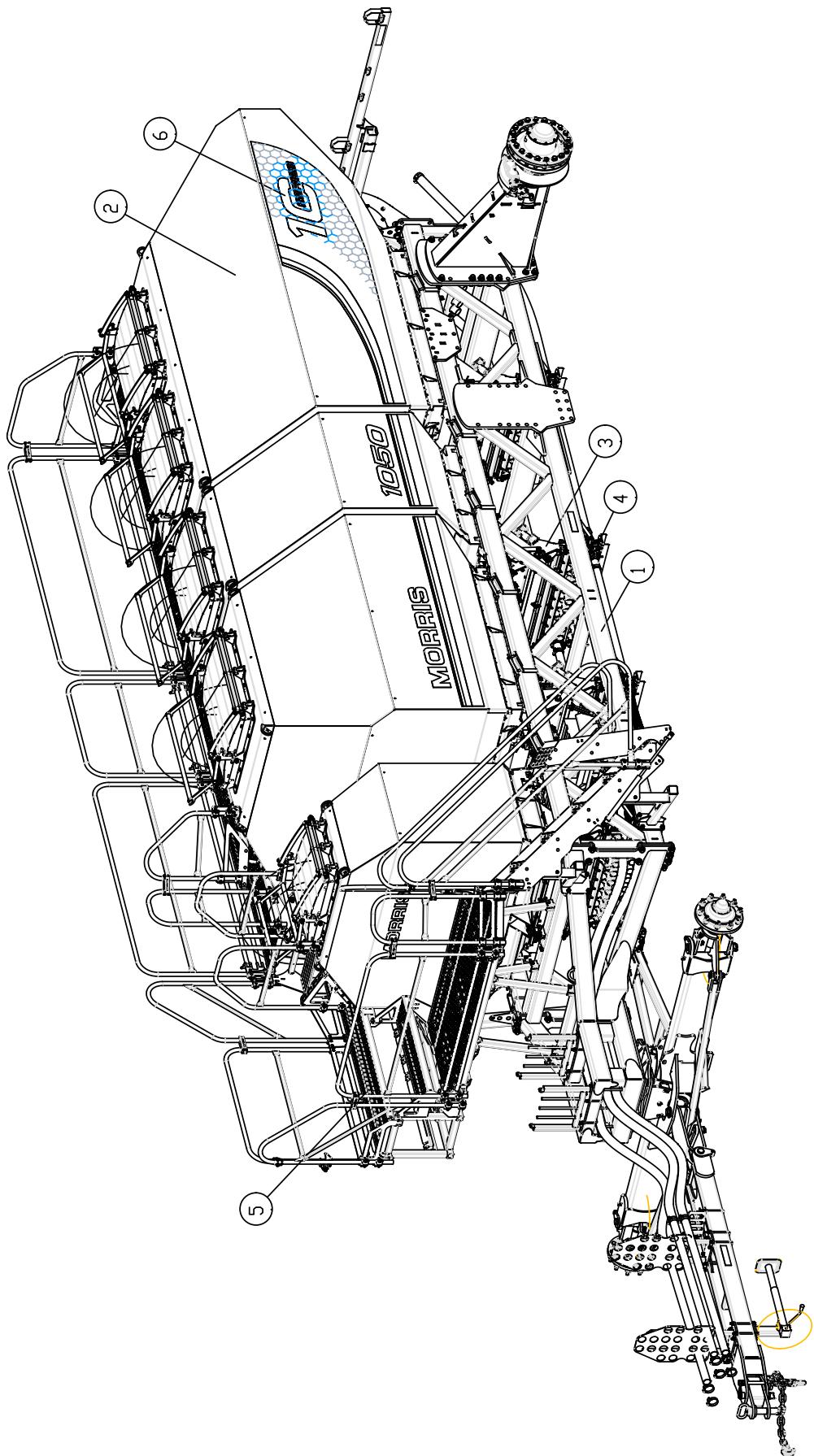
**Tow Between
820 Cart**



Tow Between - 820 Cart

Item	Part No.	Description	Qty
1	G69930	Chassis Group-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 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)	

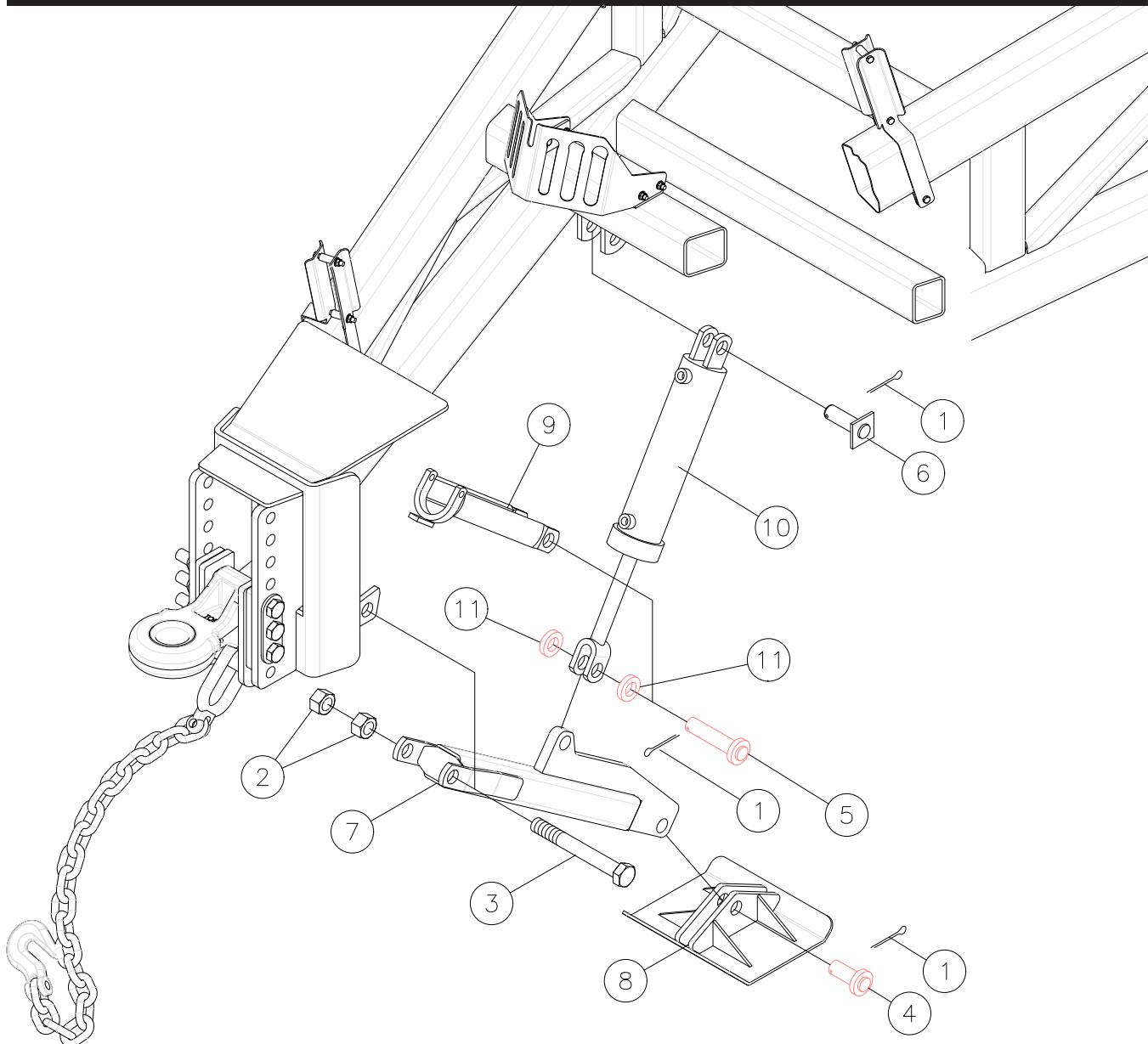
Notes

Section 2: Frames and Axles

Section Contents

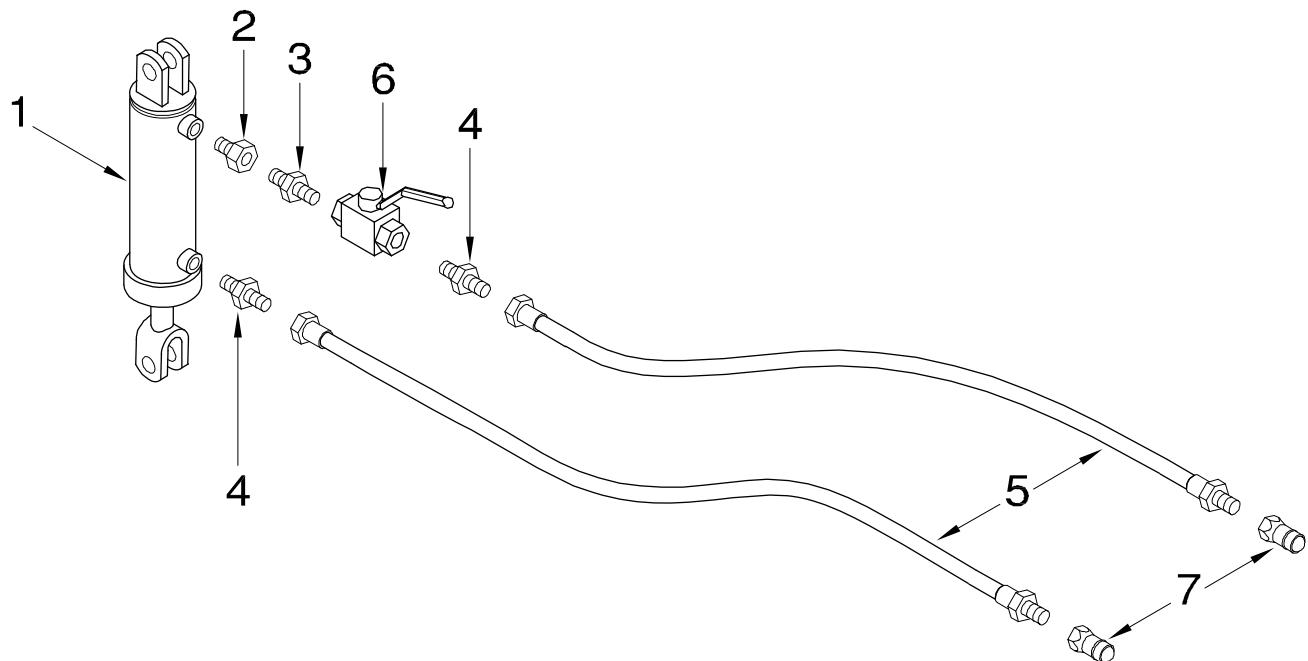
Tow Between	2-2
Hitch Jack Assembly	2-2
Hydraulics	2-3
Tow Between - 820 (G69930).....	2-4
Stage 1	2-4
Stage 2 - See Single Fan Assy Section 7	2-4
Stage 3.....	2-6
Stage 4.....	2-8
Tow Behind 1050 - G69940	2-10
Stage 1.....	2-10
Stage 2.....	2-12
Quad Steer Axle Sub Assembly	2-14
Stage 3.....	2-16
Stage 4 - See Single Fan Assy Section 7	2-16
Stage 5.....	2-18
Rear Tow Hitch.....	2-20

Tow Between Hitch Jack Assembly



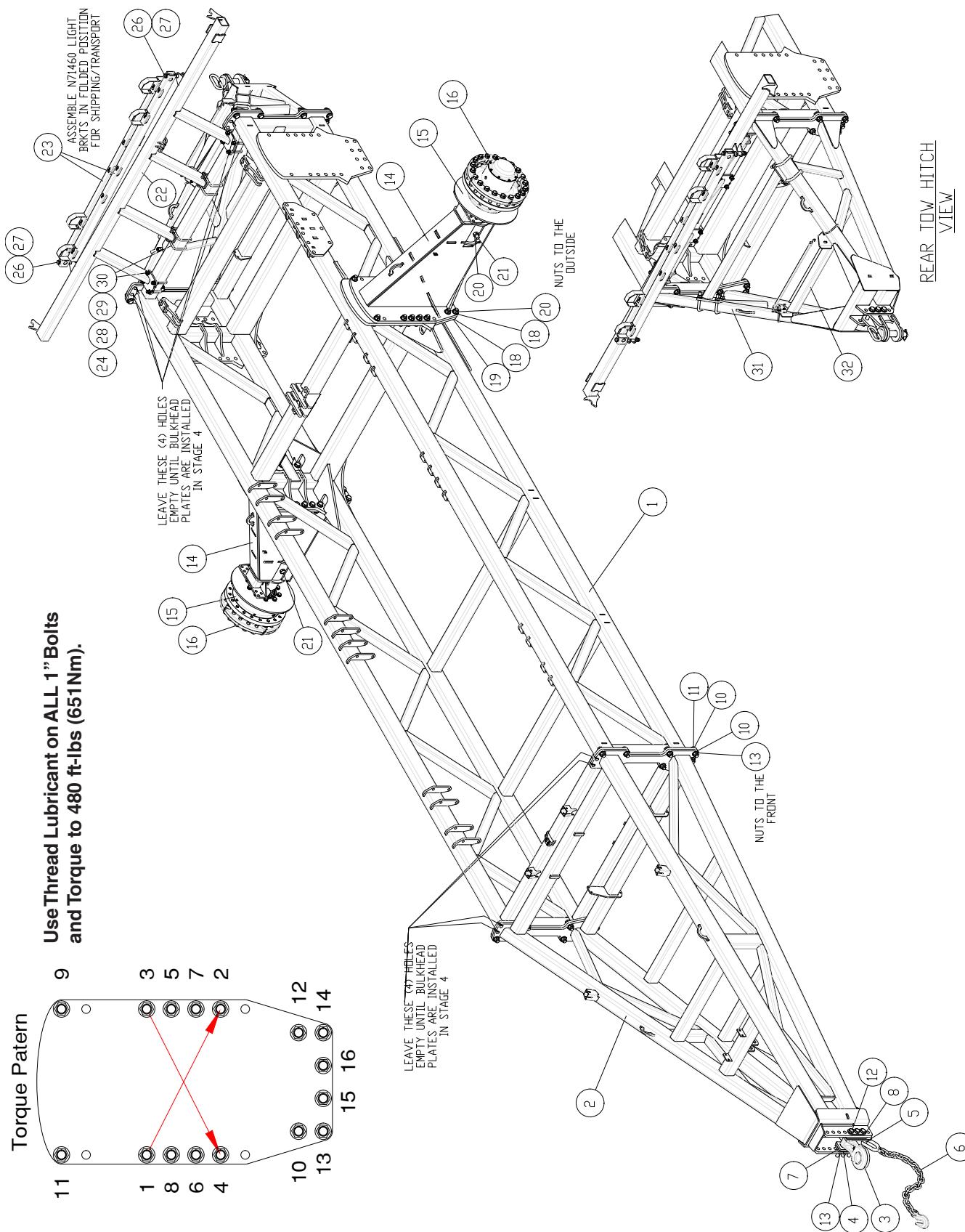
Item	Part No.	Description	Qty
1	D-5239	Cotter Pin - 1/4 x 2 1/4 Lg	3
2	C15768	Jam Nut - 1 1/4	2
3	C39424	Hex Bolt - 1 1/4 x 10 Lg	1
4	N28997	Pin - 1 1/4 x 2 1/4 UL	1
5	S39545	Pin - 1 1/4 x 4 5/16 UL	1
6	S42784	Pin - 1 1/4 x 3 5/16 UL	1
7	N47735	Leg	1
8	N47738	Foot	1
9	N49396	Lock Arm	1
10	C39175	Cylinder - 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 - 820 (G69930)
Stage 1
Stage 2 - See Single Fan Assy Section 7

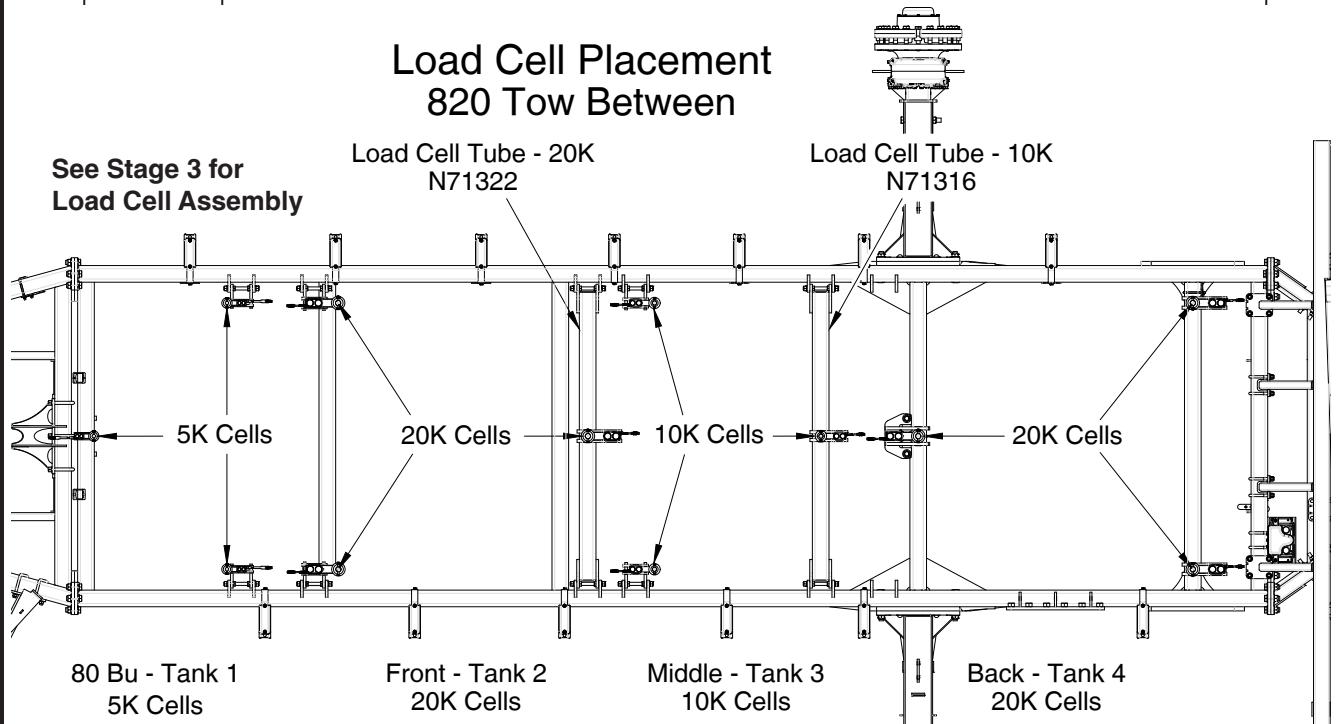


Frame - Tow Between 820 (G69930) - Stage 1

Item	Part No.	Description	Qty
1	N68700	Main Frame.....	1
2	N70725	Btwn Frame	1
3	S64310	Hitch Tongue - Cat 5.....	1
4	N68530	Plate - Clevis Adaptor	2
5	N71425	Safety Chain Brkt.....	1
6	N44710	Safety Chain - 80000Lb.....	1
7	N68531	Plate - Adaptor Shim.....	1
8	N71346	Clevis Bolt Spacer Plate	2
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	K53438	Hex Head Bolt - 1 x 11 Lg	3
13	D-5274	Locknut - 1 Unitorque	21
14	N71490	Rear Axle Extension	2
15	N71025	Hub + Spindle Assy W/Brake - 60K (See Brake Section 11).....	2
16	N71032	Dual Wheel Hdware Kit - 60K Hub.....	2
17	G69985	Pbag-10S - Axle Extensions	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 Brkt Frame - Cradle Support	1
23	N71460	Light Brkt - Dual	2
24	C-219	U-Bolt - 5/8 x 4 x 5 9/16 UL	8
25	G69986	Pbag-10S - Light Brkts.....	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
31	N70345	Kit - Rear Tow Hitch.....	1
32	N70885	Kit - Primary Hose Support - Btwn.....	1

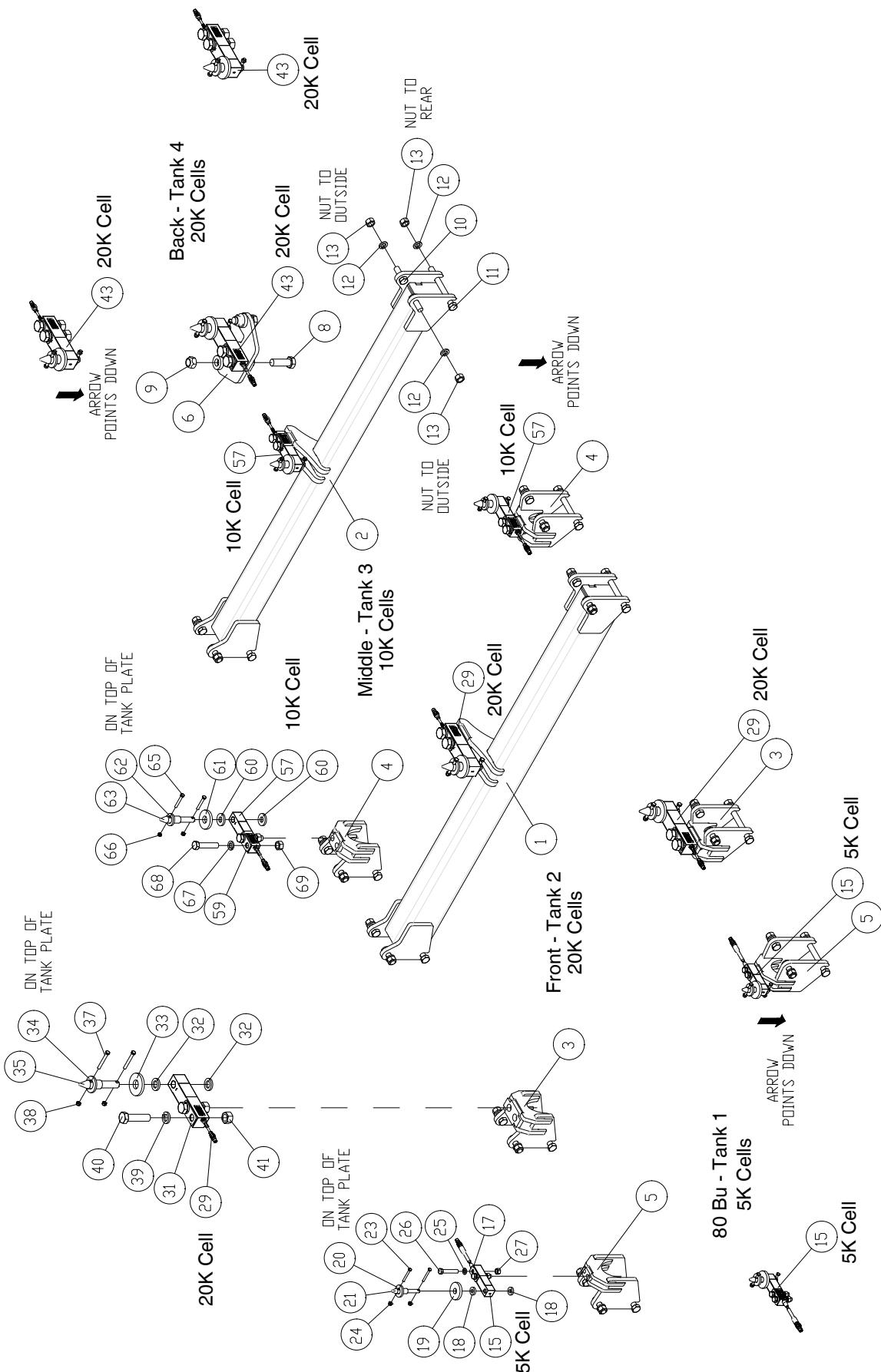
Load Cell Placement 820 Tow Between

See Stage 3 for
Load Cell Assembly



Frame Tow Between - 820 (G69930)

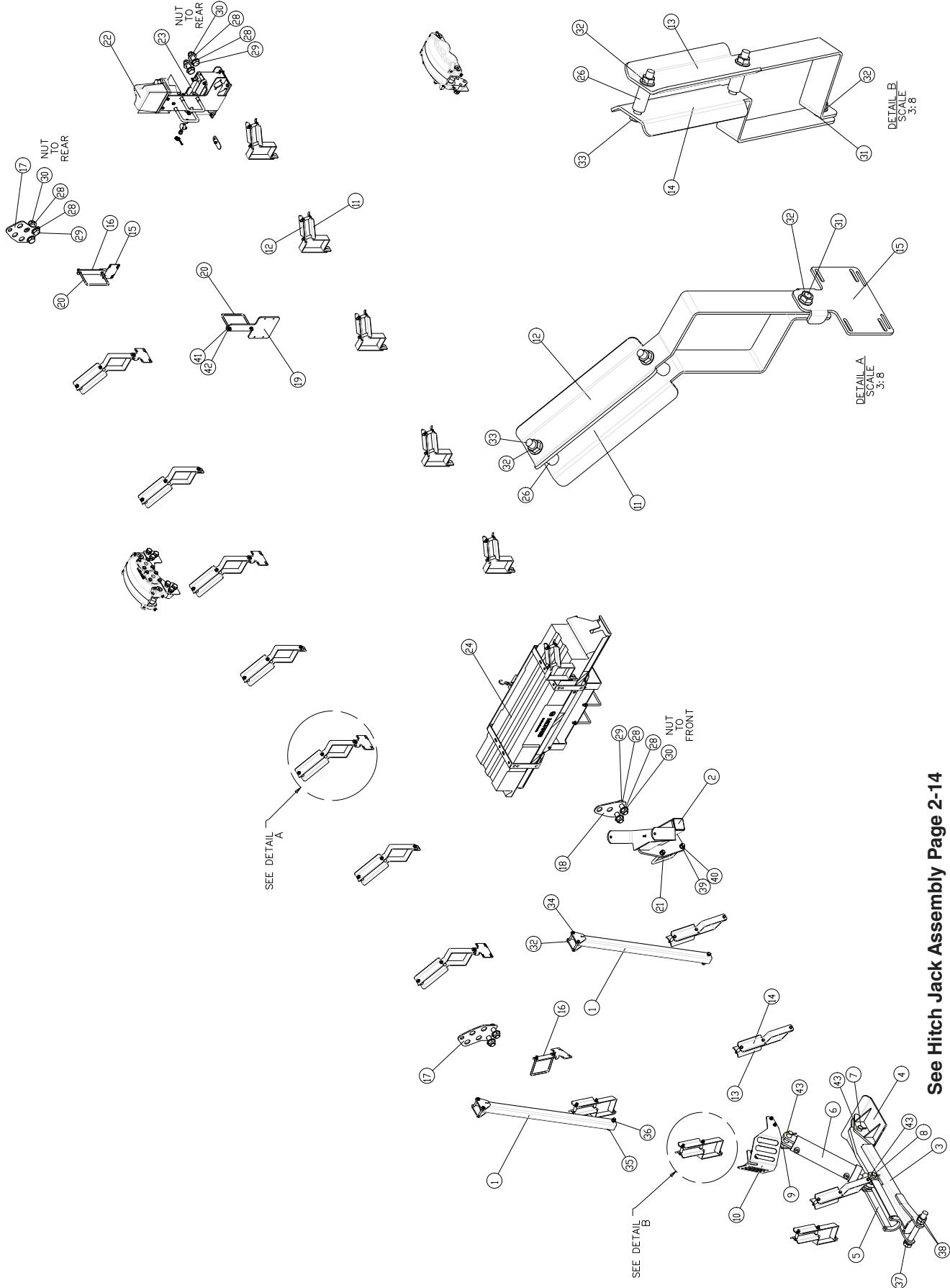
Stage 3



Frame - Tow Between 820 (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	N71372	Load Cell Mount - 20000Lb	2
4	N71366	Load Cell Mount - 10000 Lb	2
5	N70699	Load Cell Mount - 5000 Lb	2
6	N70430	Reversible Loadcell Mount	1
7	G69997	Pbag-10S - Load Cell Supports - (Includes Items Below) Whole Goods Only	1
8	J12344	Hex Head Bolt - 1 x 3 Lg	2
9	D-5274	Locknut - 1 Unitorque	2
10	W-1553	Hex Head Bolt - 3/4 x 2 1/4 Lg	20
11	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg	10
12	W-527	Lockwasher - 3/4	30
13	W-518	Hex Nut - 3/4	30
14	G69980	Carton-10S - Loadcell Set - 5K - (Includes Items Below) Whole Goods Only	1
15	N71305	Load Cell Assy - 5K	3
16	G69982	Pbag-10S - Loadcells - 5K - Washers - (Includes Items Below) Whole Goods Only	1
17	N71338	Shim Plate - 5K Cell	3
18	N71183	Washer - 17/32 x 1 1/8 x 1/4 Thick	6
19	N71192	Pad Washer - 5K Cell	3
20	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick	3
21	N71308	Tapered Pin - 5K Cell	3
22	G69981	Pbag-10S - Loadcells - 5K - Hdware - (Includes Items Below) Whole Goods Only	1
23	S45280	Hex Bolt - 1/4 x 2 1/4 Lg	6
24	N42510	Locknut - 1/4 Flange	6
25	W-525	Lockwasher - 1/2	6
26	W-491	Hex Bolt - 1/2 x 2 3/4 Lg	6
27	W-516	Hex Nut - 1/2	6
28	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only	1
29	N71320	Load Cell Assy - 20K	3
30	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only	1
31	N71352	Shim Plate - 20K Cell	3
32	N70347	Washer - 1-1/32 x 1-3/4 x 1/4 Thick	6
33	N71197	Pad Washer - 20K Cell	3
34	N70348	Washer - 1-9/32 x 2-3/8 x 1/4 Thick	3
35	N71312	Tapered Pin - 20K Cell	3
36	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only	1
37	W-1854	Hex Bolt - 3/8 x 3	6
38	M-3388	Locknut - 3/8 Unitorque	6
39	C-705	Lockwasher - 1	6
40	C-4072	Hex Head Bolt - 1 x 4 Lg	6
41	W-520	Hex Nut - 1	6
42	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only	1
43	N71320	Load Cell Assy - 20K	3
44	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only	1
45	N71352	Shim Plate - 20K Cell	3
46	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick	6
47	N71197	Pad Washer - 20K Cell	3
48	N70348	Washer - 1 9/32 x 2 3/8 x 1/4 Thick	3
49	N71312	Tapered Pin - 20K Cell	3
50	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only	1
51	W-1854	Hex Bolt - 3/8 x 3 Lg	6
52	M-3388	Locknut - 3/8 Unitorque	6
53	C-705	Lockwasher - 1	6
54	C-4072	Hex Head Bolt - 1 x 4 Lg	6
55	W-520	Hex Nut - 1	6
56	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only	1
57	N71310	Load Cell Assy - 10K	3
58	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only	1
59	N71348	Shim Plate - 10K Cell	3
60	N70346	Washer - 25/32 x 1-3/4 x 1/4 Thick	6
61	N71195	Pad Washer - 10K Cell	3
62	N70347	Washer - 1-1/32 x 1-3/4 x 1/4 Thick	3
63	N71314	Tapered Pin - 10K Cell	3
64	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only	1
65	J12217	Hex Bolt - 5/16 x 2 1/4 Lg	6
66	D-5272	Locknut - 5/16 Unitorque	6
67	W-527	Lockwasher - 3/4	6
68	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg	6
69	W-518	Hex Nut - 3/4	6
	G69930	Tow Behind Frame and Hitch Assembly - Stage 3 - (Whole Goods Only)	

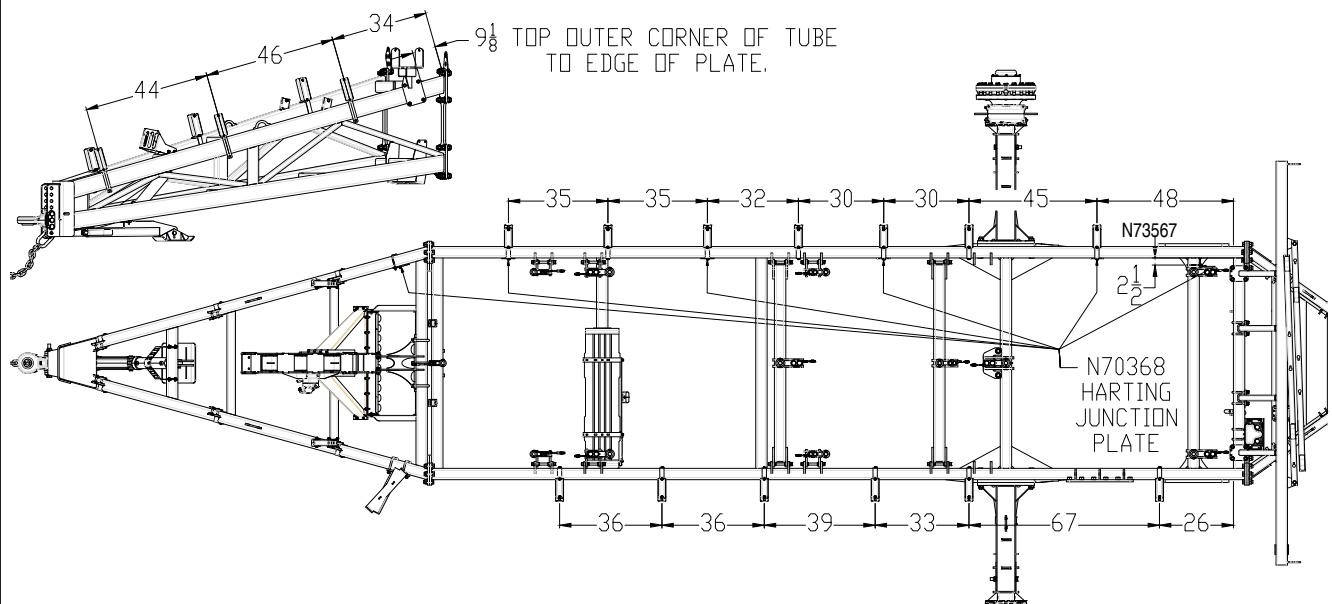
Frame Tow Between - 820 (G69930)
Stage 4



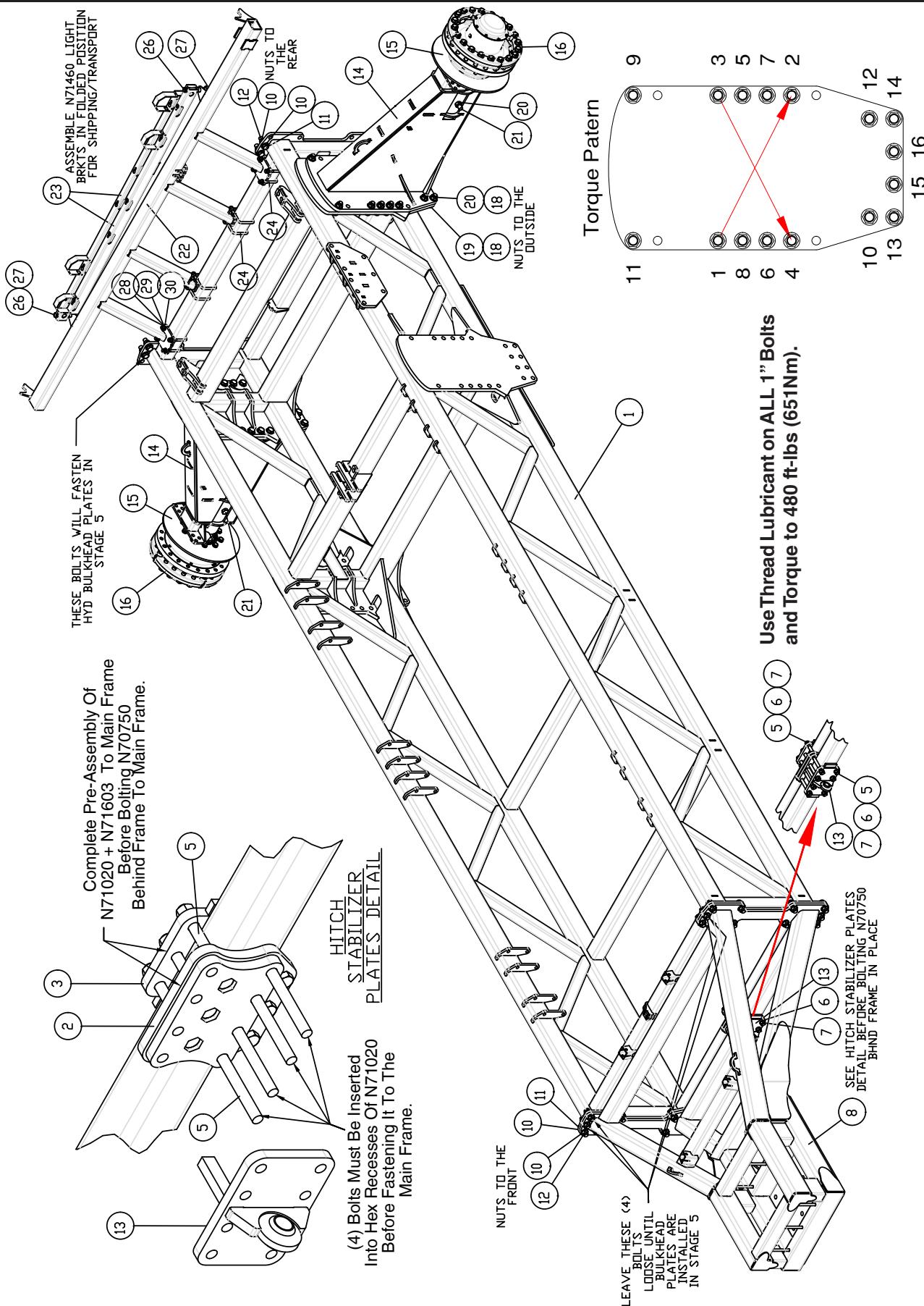
See Hitch Jack Assembly Page 2-14

Frame - Tow Between 820 (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	S42784	Pin - 1 1/4 x 3 5/16 UL	1
10	N53166	Plate - Hose Storage	1
11	N69739	Hose Holder - Lower	13
12	N69738	Hose Holder	13
13	N69748	Inner Hose Holder	6
14	N69749	Vertical Hose Holder	6
15	N70368	Harting Junction	6
16	N73567	Harting Junction Strap	2
17	N69746	Bulkhead Plate - Right	2
18	N69742	Bulkhead Plate - Left	1
19	N70374	Scale Link Mount	1
20	H10592	U-Bolt - 3/8 x 6 x 5 UL	3
21	F-4642	U-Bolt - 5/8 x 6 x 5 1/2 UL	2
22	N70407	Brakerite Control Assy - (See Brake Section 11)	1
23	N53577	Battery - 250 CCA	1
24	N70435	Calibration Tray Assy - (See Meter Section 4)	1
25	G69924	Pbag-10S-Hose-Hold-Bush-Btwn-Na	1
26	N69879	Bushing - Hyd Hose Brkt	38
27	G69922	Pbag-10S-Hose-Hold-Misc-Btwn-Na	1
28	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga	16
29	J12344	Hex Head Bolt - 1 x 3 Lg	8
30	D-5274	Locknut - 1 Unitorque	8
31	W-475	Hex Head Bolt - 3/8 x 1 Lg	23
32	S27987	Locknut - 3/8 Flange	69
33	W-480	Hex Head Bolt - 3/8 x 2 1/2 Lg	38
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



Tow Behind 1050 - G69940
Stage 1

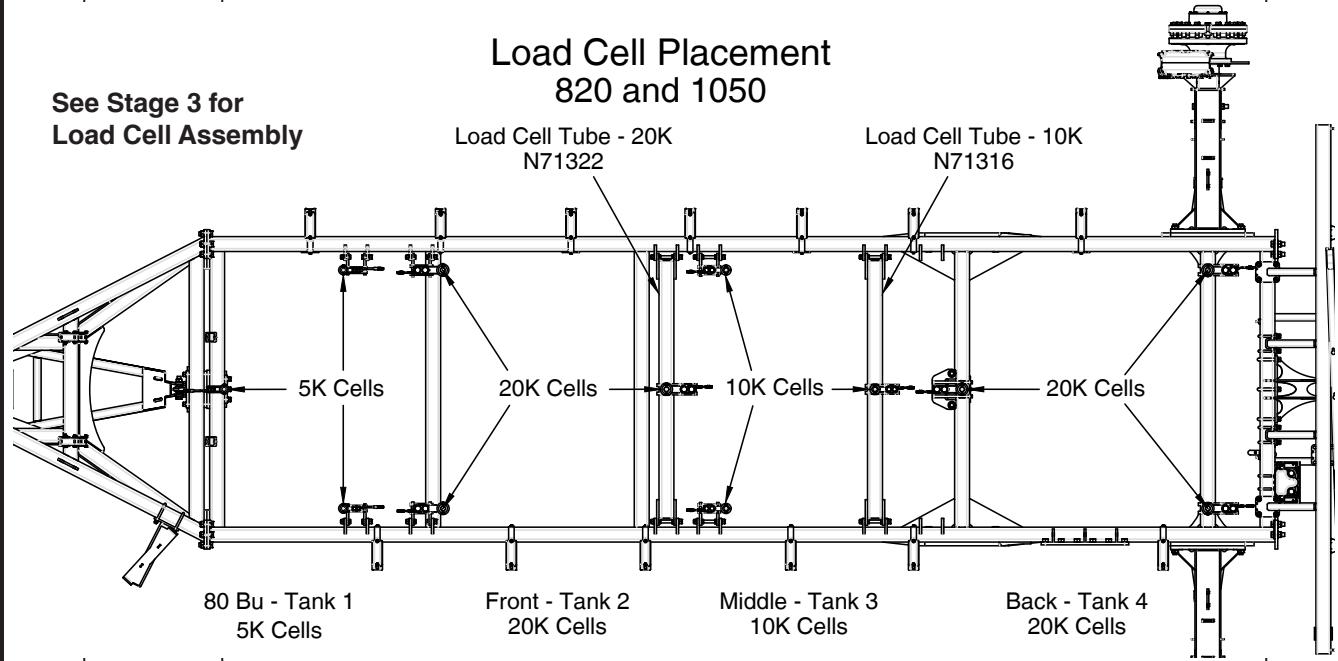


Frame - Tow Behind - Stage 1

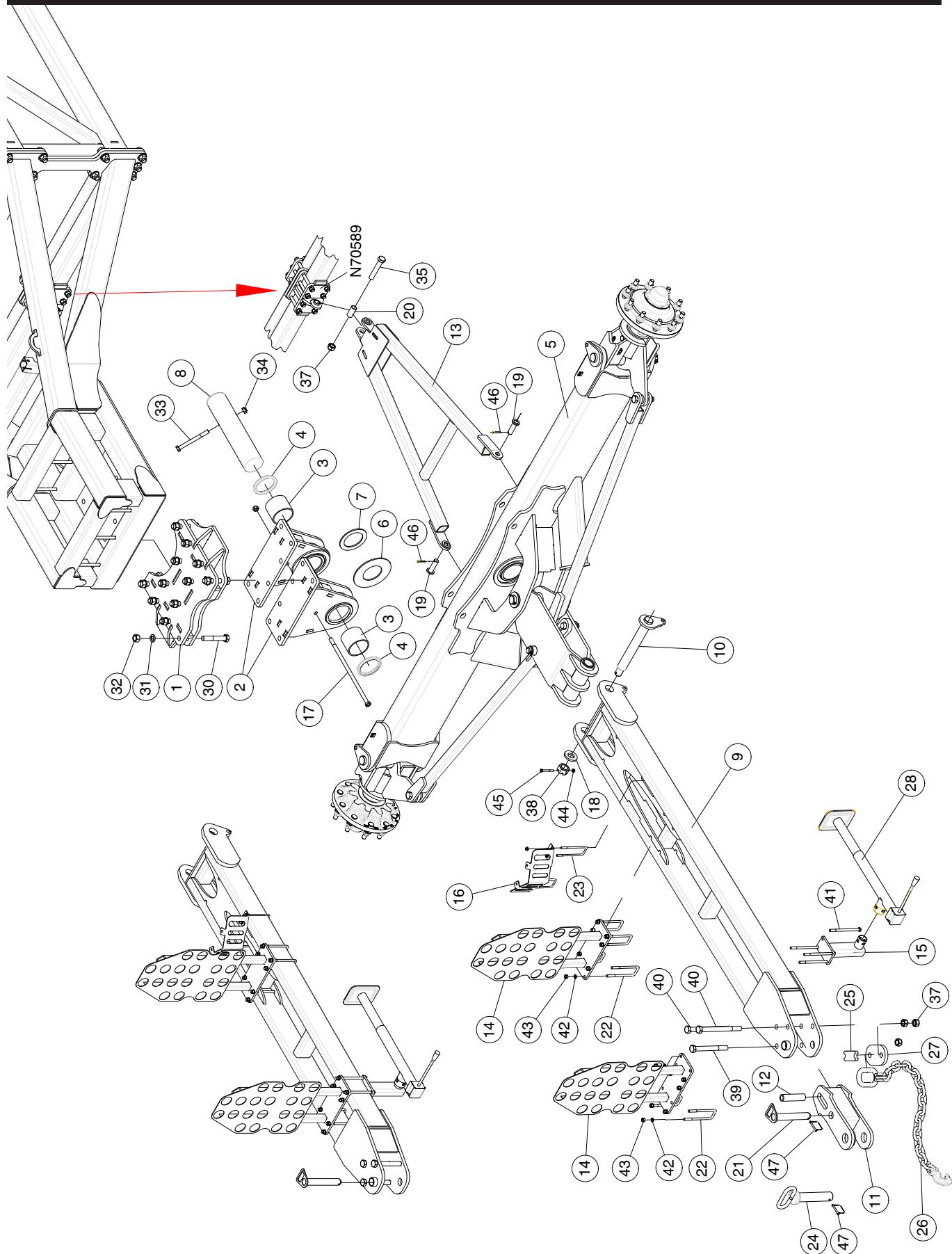
Item	Part No.	Description	Qty
1	N68700	Main Frame.....	1
2	N71020	Hitch Stabilizer Spacer Plate	1
3	N71603	Backing Plate.....	1
4	G69926	Pbag-10S-Bhnd-Hitch-Brace - (Includes Items Below) Whole Goods Only.....	1
5	C-3525	Hex Head Bolt - 3/4 x 6 1/2 Lg.....	14
6	W-527	Lockwasher - 3/4	14
7	W-518	Hex Nut - 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 Hdware 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	16
30	W-517	Hex Nut - 5/8.....	16
G69940			
Tow Behind Frame and Hitch Assembly - Stage 1 - (Whole Goods Only)			

See Stage 3 for
Load Cell Assembly

Load Cell Placement 820 and 1050



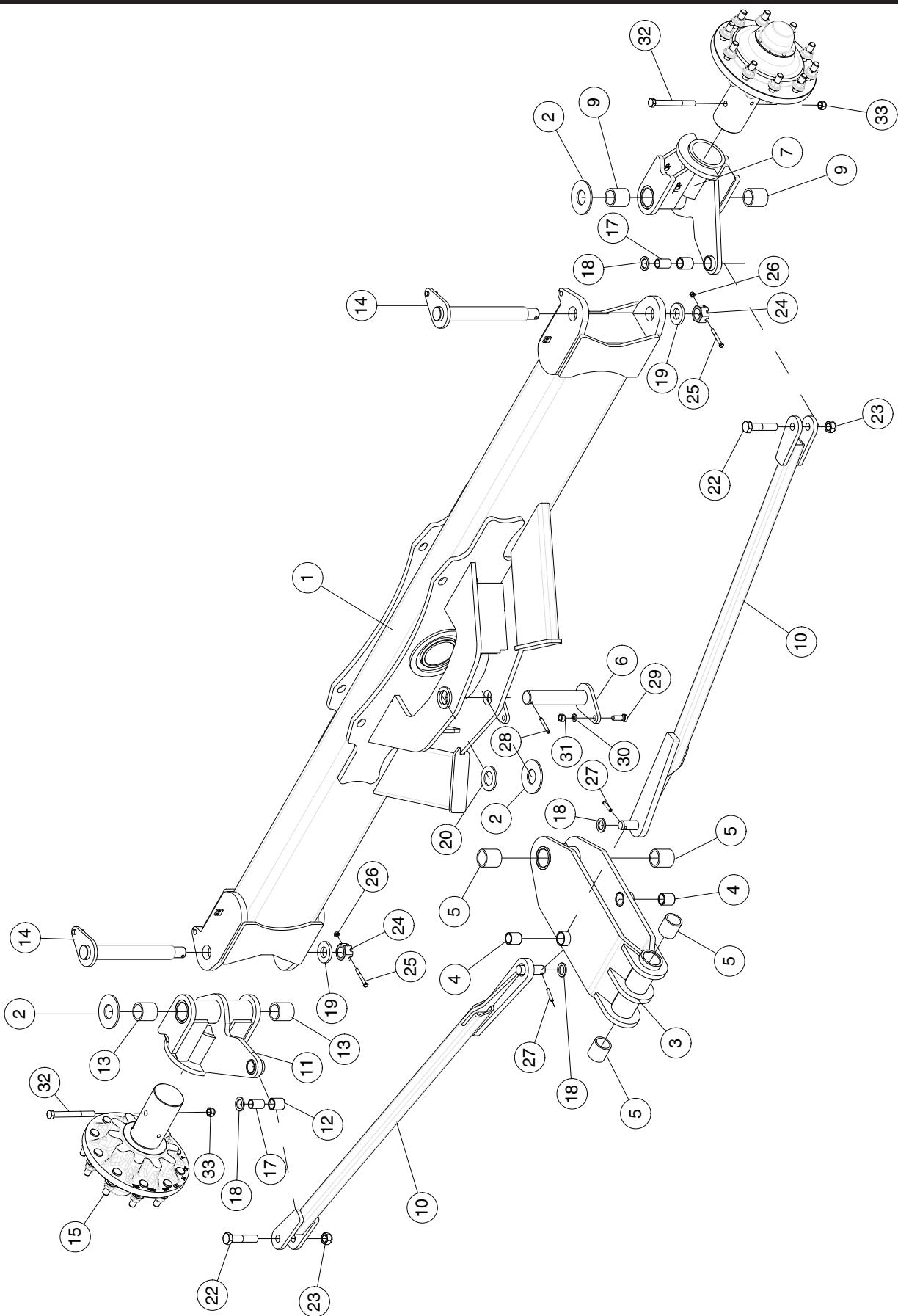
Tow Behind 1050 - G69940
Stage 2



Frame - Tow Behind - Stage 2

Item	Part No.	Description	Qty
1	N71295	Quad Steer Spacer Block	1
2	N51910	Bearing Housing	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	N53276	Hose Holder Bracket.....	1
17	S44449	Threaded Rod - 3/4 x 20 1/4 Lg.....	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	6
23	N34423	U-Bolt - 3/8 x 2 x 7 UL	2
24	N70850	Hitch Draw Pin - 2 x 8 1/2 UL	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	16
43	W-516	Hex Nut - 1/2.....	16
44	S27987	Locknut - 3/8 Flange	5
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
	G69940	Tow Behind Frame and Hitch Assembly - Stage 2 - (Whole Goods Only)	

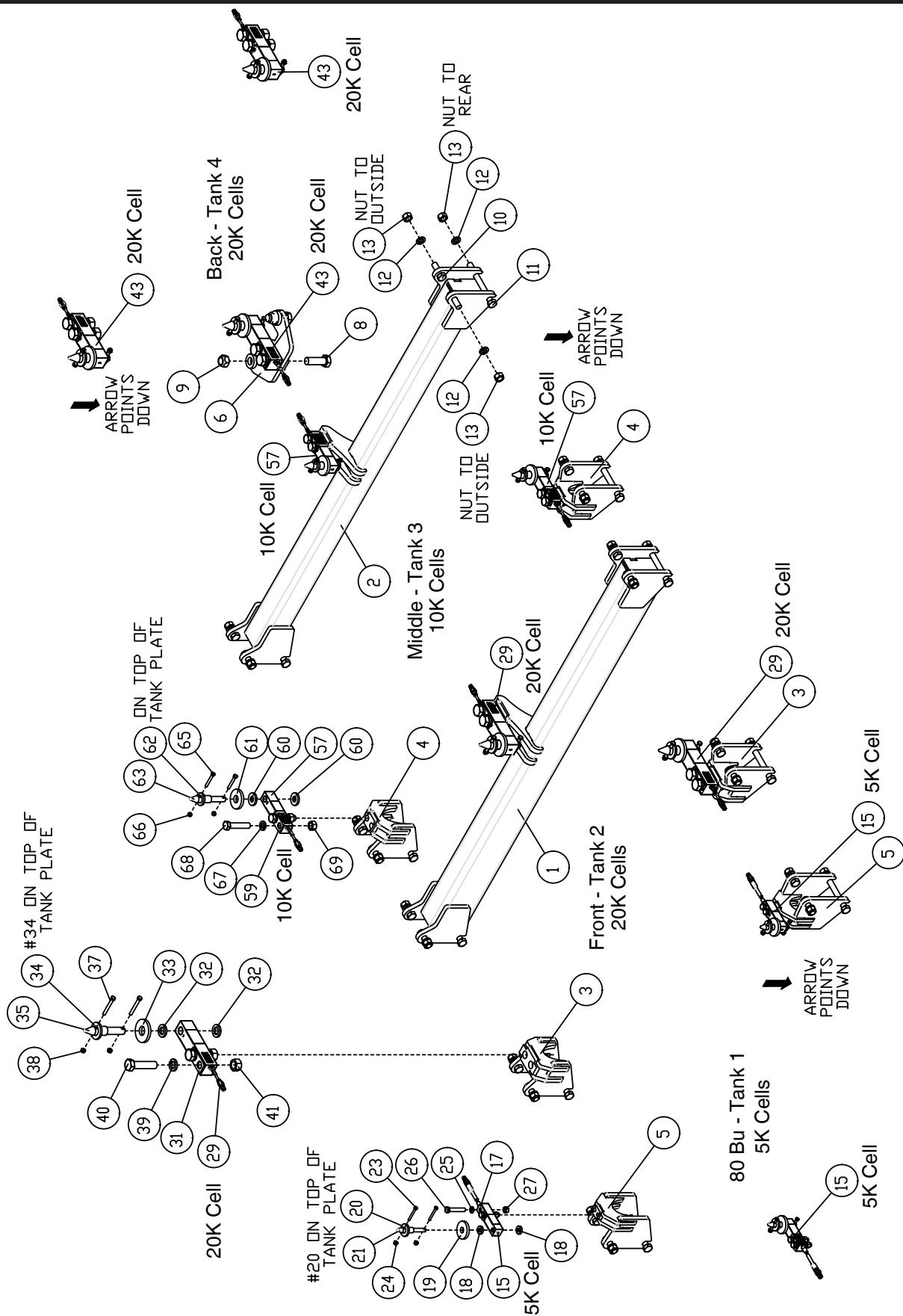
**Tow Behind
Quad Steer Axle Sub Assembly**



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)	

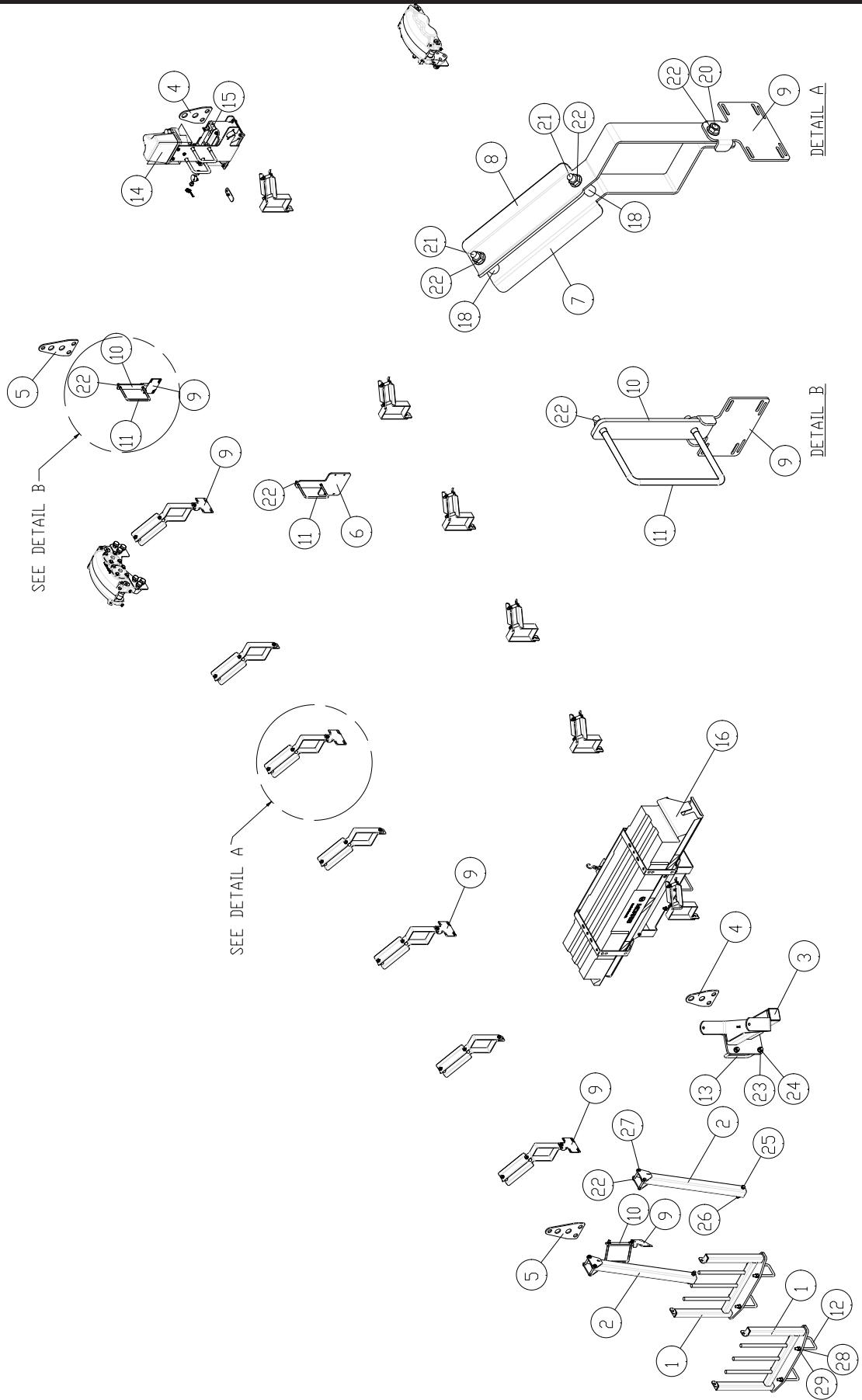
Tow Behind 1050 - G69940
Stage 3
Stage 4 - See Single Fan Assy Section 7



Frame - Tow Behind - Stage 3

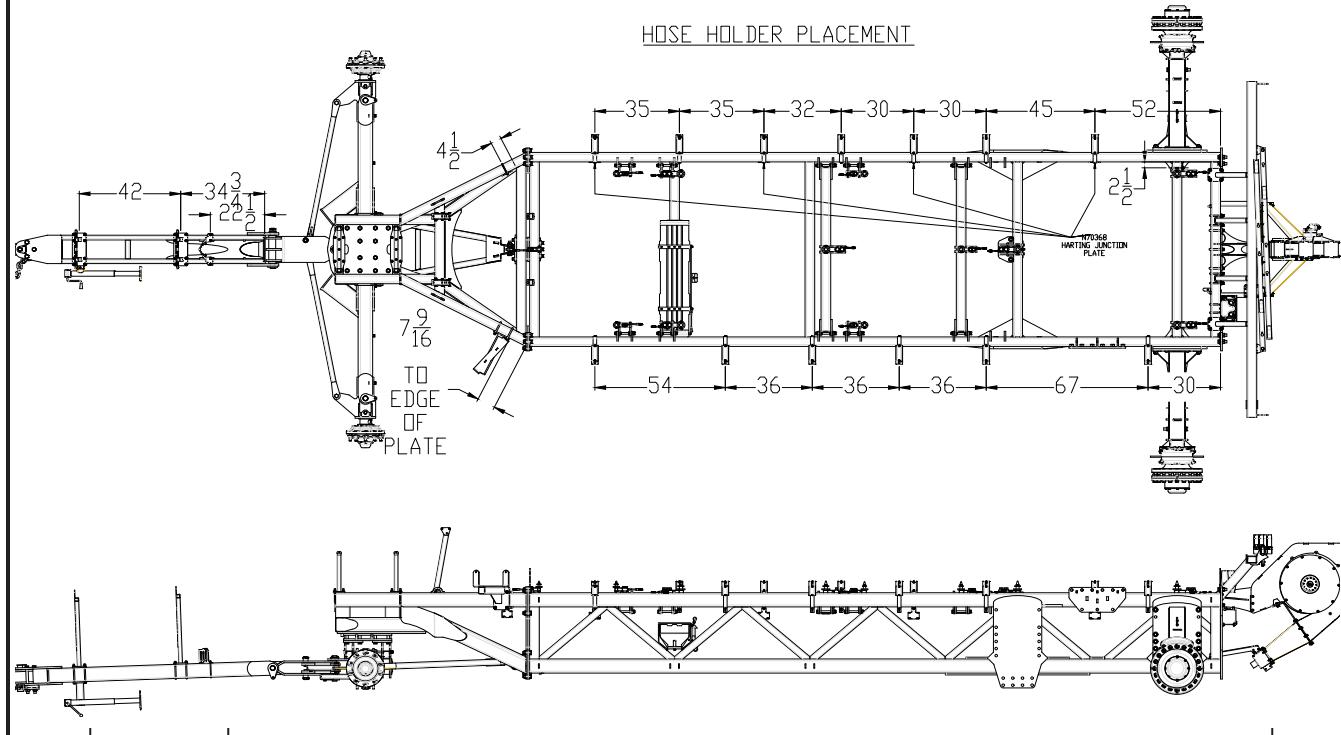
Item	Part No.	Description	Qty
1	N71322	Load Cell Tube - Single 20K	1
2	N71316	Load Cell Tube - Single 10K	1
3	N71372	Load Cell Mount - 20000Lb	2
4	N71366	Load Cell Mount - 10000 Lb	2
5	N70699	Load Cell Mount - 5000 Lb	2
6	N70430	Reversible Loadcell Mount	1
7	G69997	Pbag-10S - Load Cell Supports - (Includes Items Below) Whole Goods Only	1
8	J12344	Hex Head Bolt - 1 x 3 Lg	2
9	D-5274	Locknut - 1 Unitorque	2
10	W-1553	Hex Head Bolt - 3/4 x 2 1/4 Lg	20
11	C-4709	Hex Head Bolt - 3/4 x 7 1/2 Lg	10
12	W-527	Lockwasher - 3/4	30
13	W-518	Hex Nut - 3/4	30
14	G69980	Carton-10S - Loadcell Set - 5K - (Includes Items Below) Whole Goods Only	1
15	N71305	Load Cell Assy - 5K	3
16	G69982	Pbag-10S - Loadcells - 5K - Washers - (Includes Items Below) Whole Goods Only	1
17	N71338	Shim Plate - 5K Cell	3
18	N71183	Washer - 17/32 x 1 1/8 x 1/4 Thick	6
19	N71192	Pad Washer - 5K Cell	3
20	N70346	Washer - 25/32 x 1 3/4 x 1/4 Thick	3
21	N71308	Tapered Pin - 5K Cell	3
22	G69981	Pbag-10S - Loadcells - 5K - Hdware - (Includes Items Below) Whole Goods Only	1
23	S45280	Hex Bolt - 1/4 x 2 1/4 Lg	6
24	N42510	Locknut - 1/4 Flange	6
25	W-525	Lockwasher - 1/2	6
26	W-491	Hex Bolt - 1/2 x 2 3/4 Lg	6
27	W-516	Hex Nut - 1/2	6
28	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only	1
29	N71320	Load Cell Assy - 20K	3
30	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only	1
31	N71352	Shim Plate - 20K Cell	3
32	N70347	Washer - 1-1/32 x 1-3/4 x 1/4 Thick	6
33	N71197	Pad Washer - 20K Cell	3
34	N70348	Washer - 1-9/32 x 2-3/8 x 1/4 Thick	3
35	N71312	Tapered Pin - 20K Cell	3
36	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only	1
37	W-1854	Hex Bolt - 3/8 x 3	6
38	M-3388	Locknut - 3/8 Unitorque	6
39	C-705	Lockwasher - 1	6
40	C-4072	Hex Head Bolt - 1 x 4 Lg	6
41	W-520	Hex Nut - 1	6
42	G69976	Carton-10S - Loadcell Set - 20K - (Includes Items Below) Whole Goods Only	1
43	N71320	Load Cell Assy - 20K	3
44	G69978	Pbag-10S-Load-20K-Washers - (Includes Items Below) Whole Goods Only	1
45	N71352	Shim Plate - 20K Cell	3
46	N70347	Washer - 1 1/32 x 1 3/4 x 1/4 Thick	6
47	N71197	Pad Washer - 20K Cell	3
48	N70348	Washer - 1 9/32 x 2 3/8 x 1/4 Thick	3
49	N71312	Tapered Pin - 20K Cell	3
50	G69977	Pbag-10S-Load-20K-Hdware - (Includes Items Below) Whole Goods Only	1
51	W-1854	Hex Bolt - 3/8 x 3 Lg	6
52	M-3388	Locknut - 3/8 Unitorque	6
53	C-705	Lockwasher - 1	6
54	C-4072	Hex Head Bolt - 1 x 4 Lg	6
55	W-520	Hex Nut - 1	6
56	G69971	Carton-10S - Loadcell Set - 10K - (Includes Items Below) Whole Goods Only	1
57	N71310	Load Cell Assy - 10K	3
58	G69973	Pbag-10S-Load-10K-Washers - (Includes Items Below) Whole Goods Only	1
59	N71348	Shim Plate - 10K Cell	3
60	N70346	Washer - 25/32 x 1-3/4 x 1/4 Thick	6
61	N71195	Pad Washer - 10K Cell	3
62	N70347	Washer - 1-1/32 x 1-3/4 x 1/4 Thick	3
63	N71314	Tapered Pin - 10K Cell	3
64	G69972	Pbag-10S-Load-10K-Hdware - (Includes Items Below) Whole Goods Only	1
65	J12217	Hex Bolt - 5/16 x 2 1/4 Lg	6
66	D-5272	Locknut - 5/16 Unitorque	6
67	W-527	Lockwasher - 3/4	6
68	W-510	Hex Head Bolt - 3/4 x 3 1/2 Lg	6
69	W-518	Hex Nut - 3/4	6
	G69940	Tow Behind Frame and Hitch Assembly - Stage 3 - (Whole Goods Only)	

Tow Behind 1050 - G69940
Stage 5



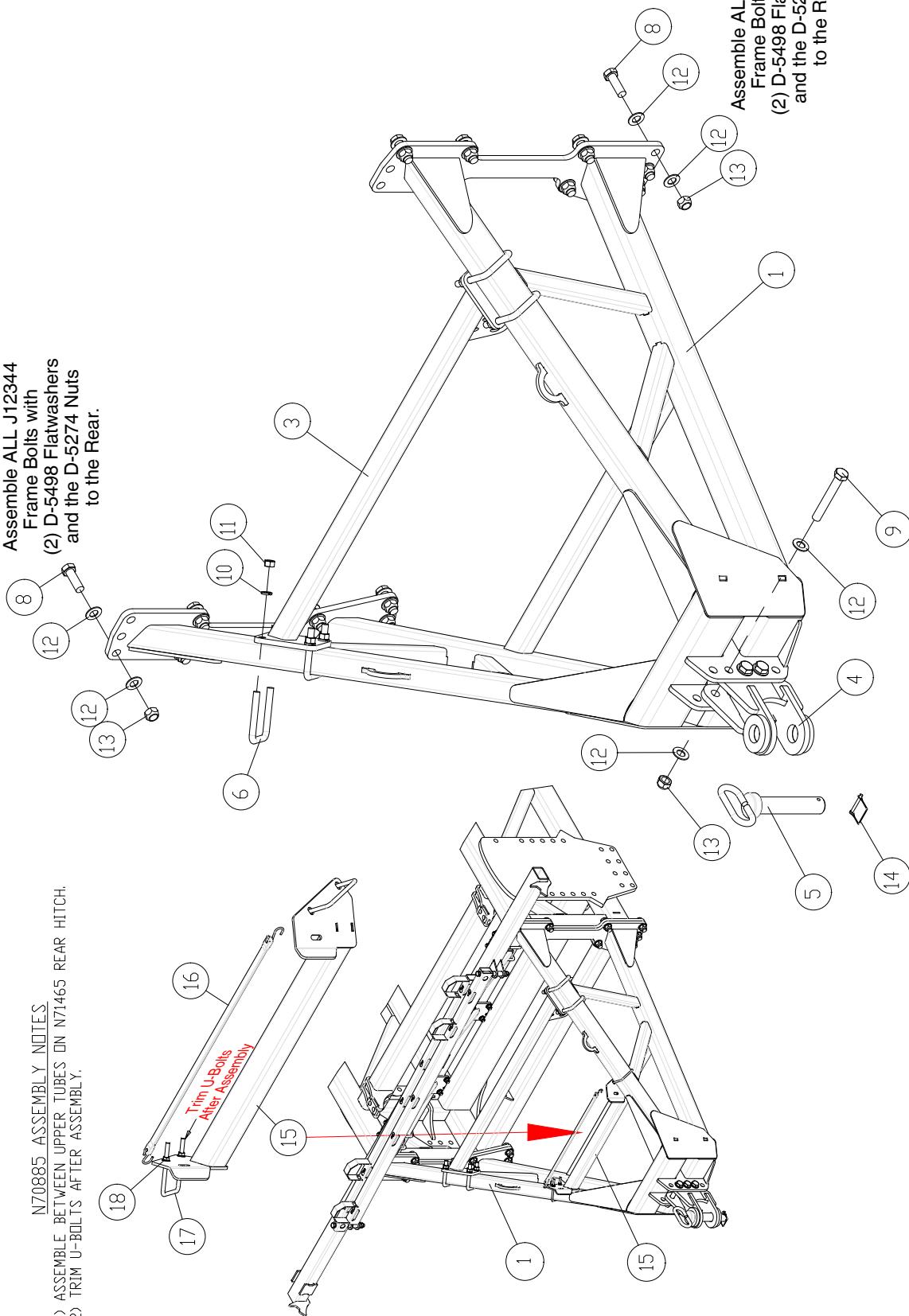
Frame - Tow Behind - Stage 5

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.....	6
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 - Hyd Hose Brkt	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.....	26
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
G69940 Tow Behind Frame and Hitch Assembly - Stage 5 - (Whole Goods Only)			



Frame Rear Tow Hitch

N70885 ASSEMBLY NOTES
 1) ASSEMBLE BETWEEN UPPER TUBES ON N71465 REAR HITCH.
 2) TRIM U-BOLTS AFTER ASSEMBLY.



Frame - Rear Tow Hitch

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
	N70345	Rear Tow Hitch Assembly - (Includes Items 1 to 14) - (Whole Goods Only)	
	N70885	Kit Primary Hose Support - Tow Between - (Includes Items 15 to 18) - (Whole Goods Only)	

Notes

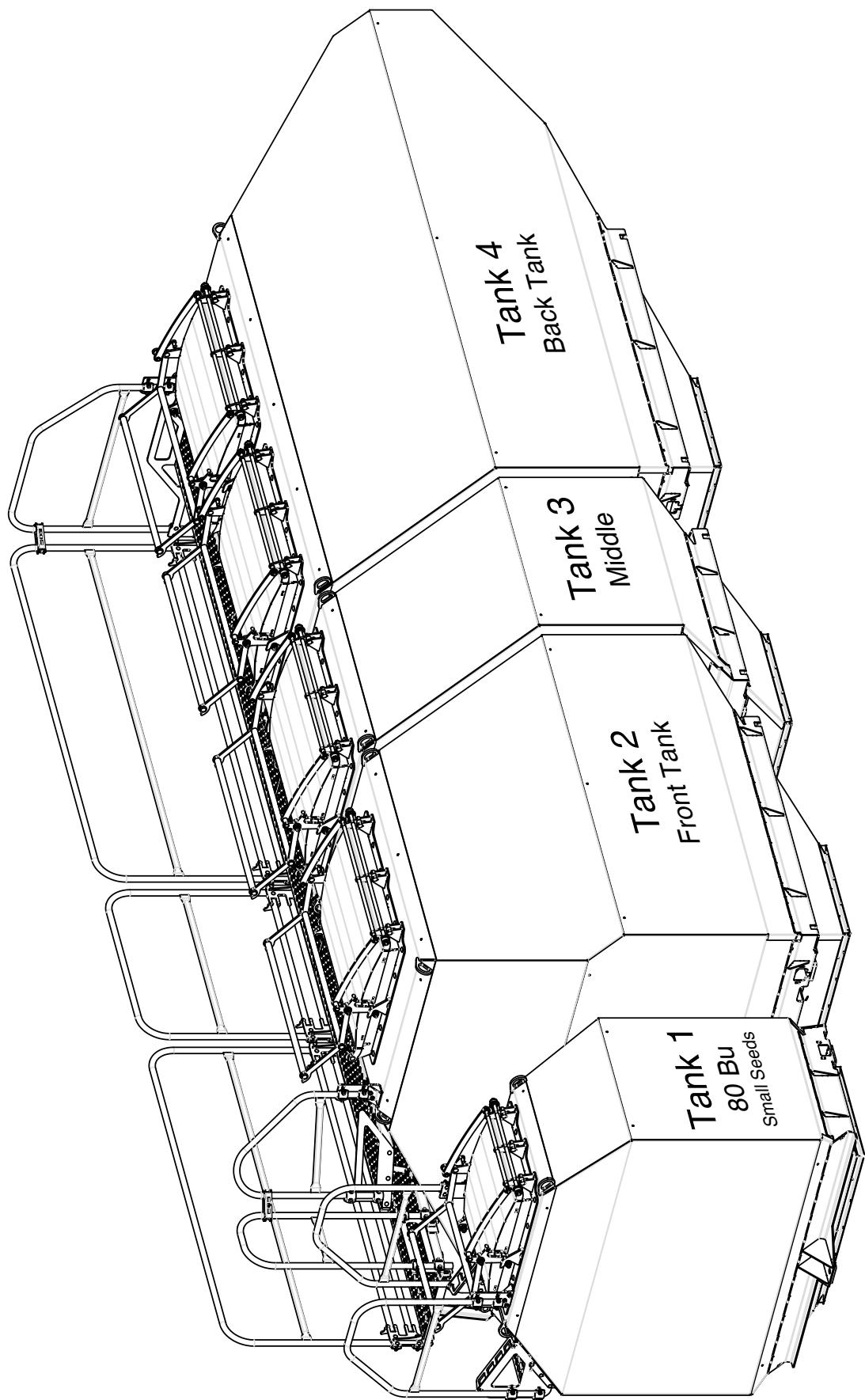
Section 3:

Tanks and Stairway

Section Contents

Tanks	3-2
Tank Combinations.....	3-2
820 Cart	3-4
1050 Cart.....	3-6
80 Bushels - N70925	3-8
820 Tanks.....	3-10
Front 250 Bushels - N70832	3-10
Middle 135 Bushels - N70825	3-12
Back 355 Bushels - N70820	3-14
1050 Tanks	3-16
Front 330 Bushels - N70932	3-16
Middle 175 Bushels - N70935	3-18
Back 465 Bushels - N70940	3-20
Lid Assembly	3-22
Narrow Lid.....	3-22
Wide Lid	3-24
Stairway	3-26
Front Platform.....	3-26
Front Staircase Assembly.....	3-28

Tanks
Tank Combinations



**Tanks
Tank Combinations**

10 Series Tank Combinations

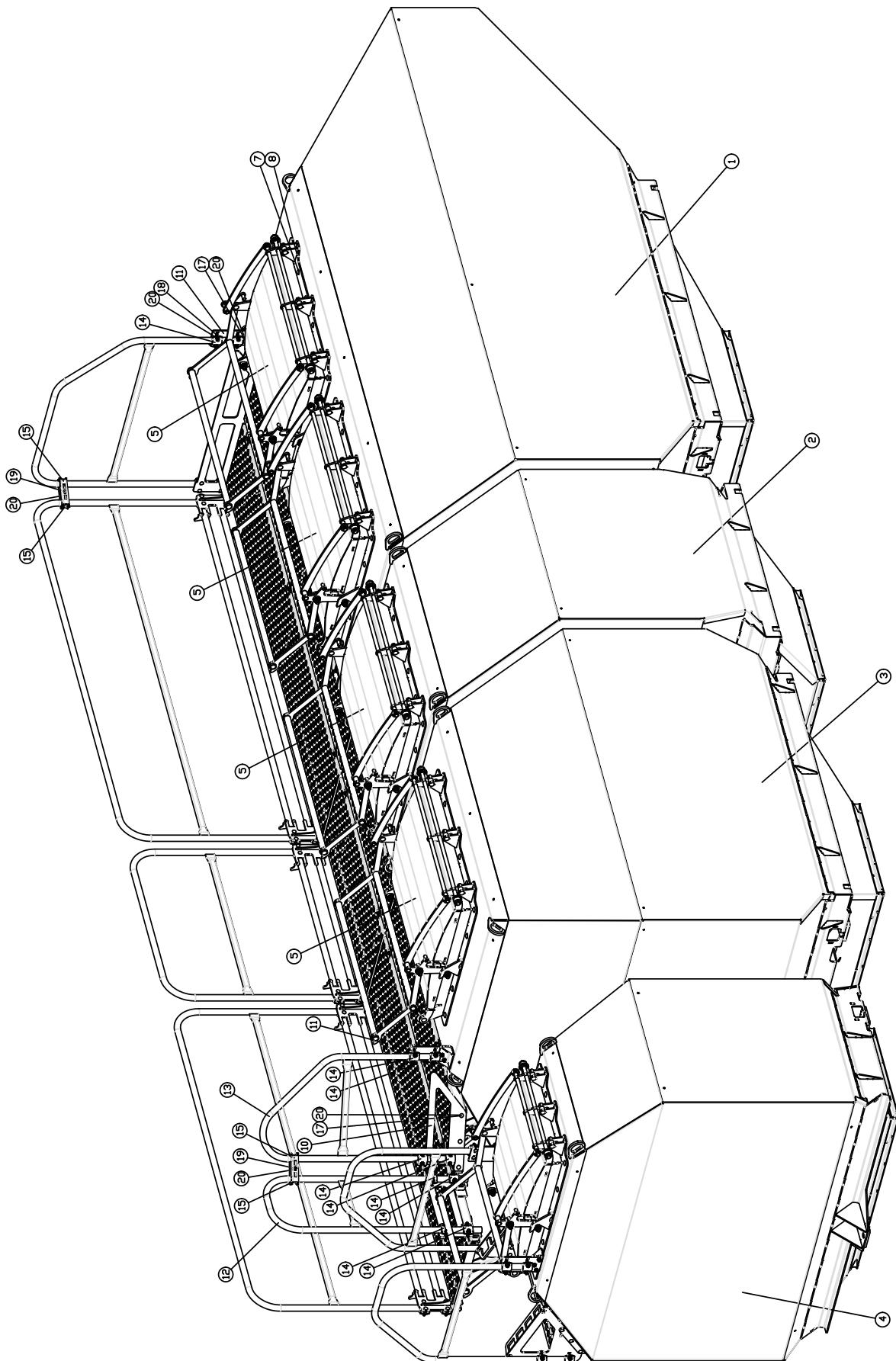
Tank # 820

- 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

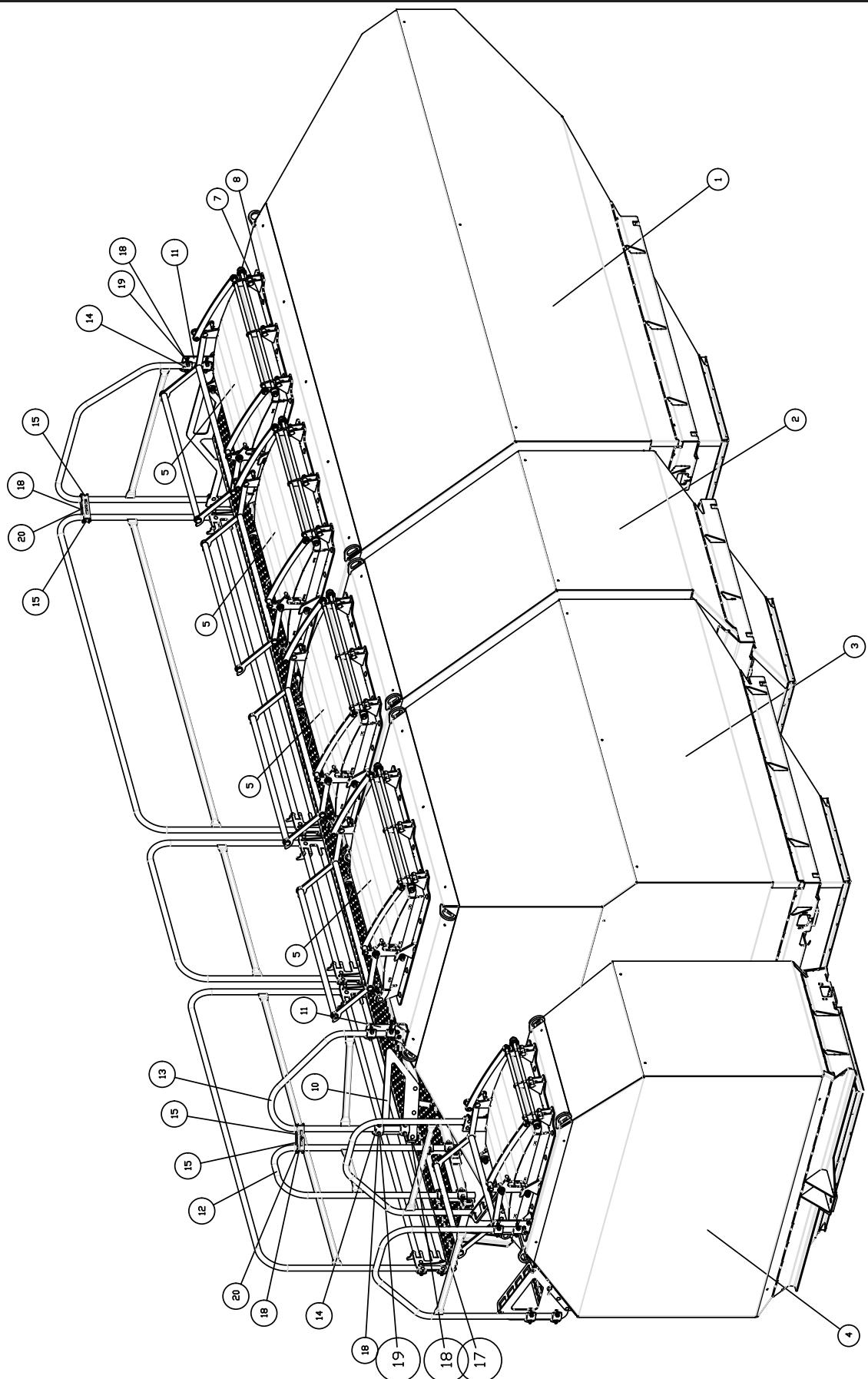
**Tanks
820 Cart**



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)	

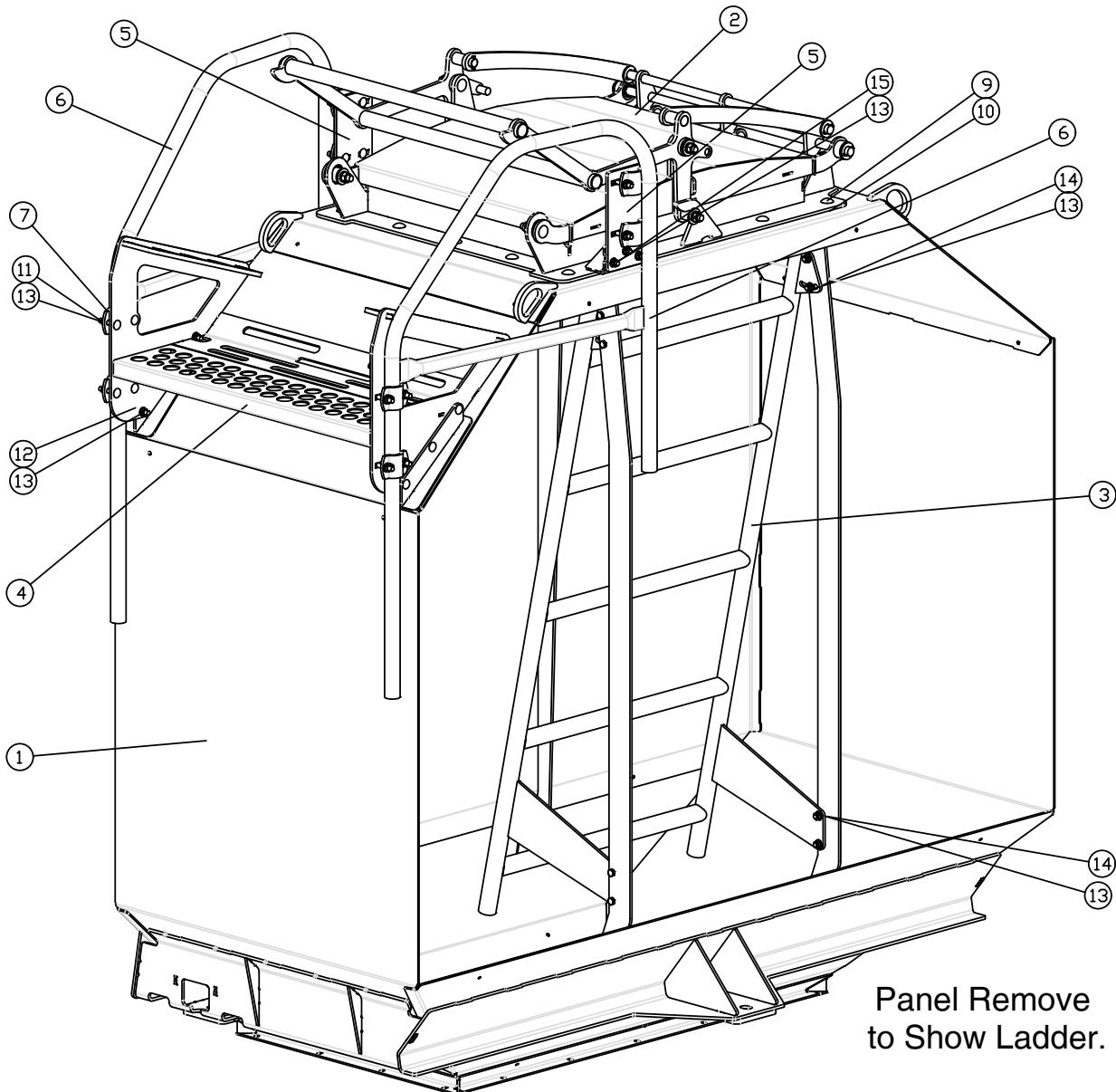
**Tanks
1050 Cart**



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)	

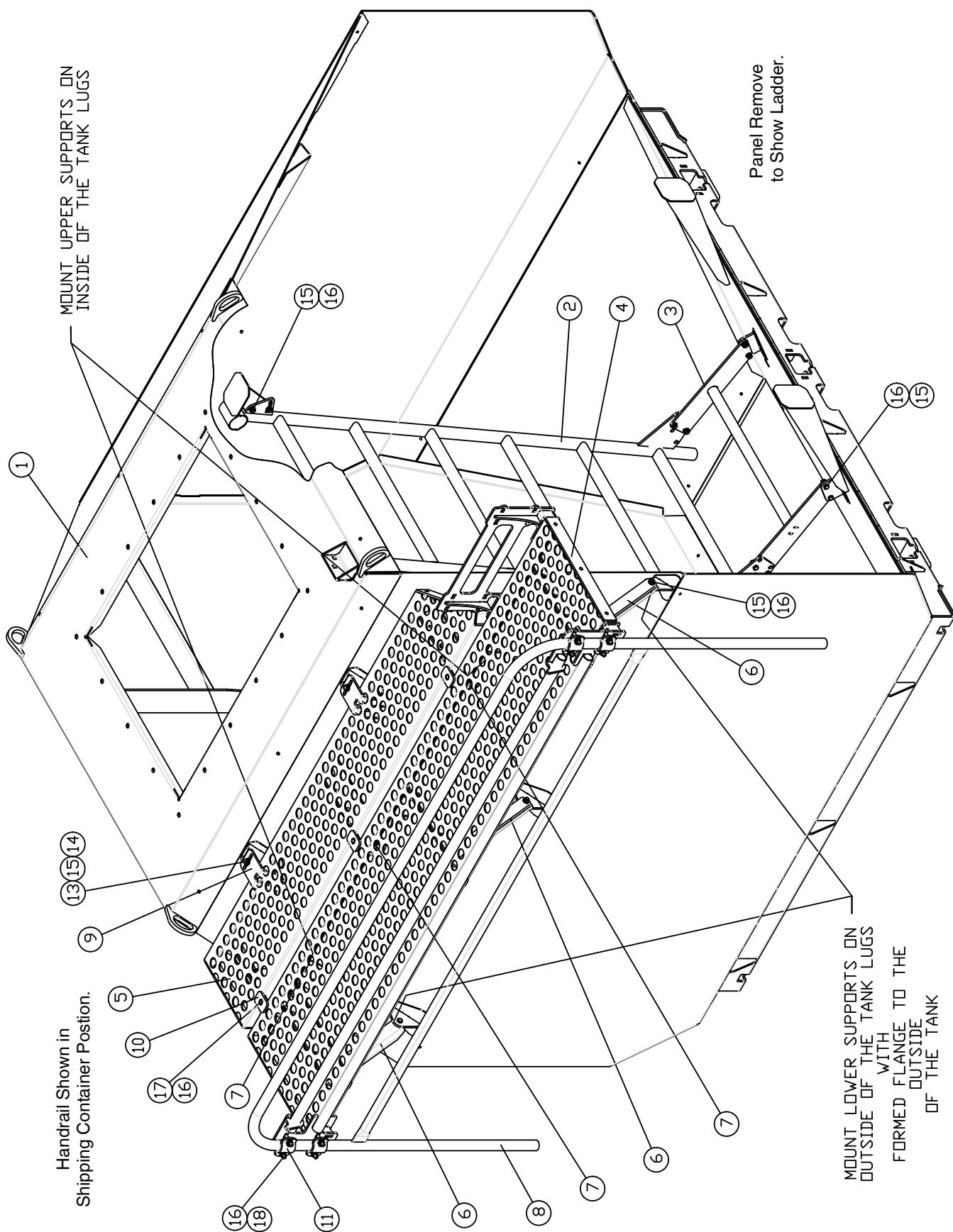
Tanks
80 Bushels - N70925



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)	

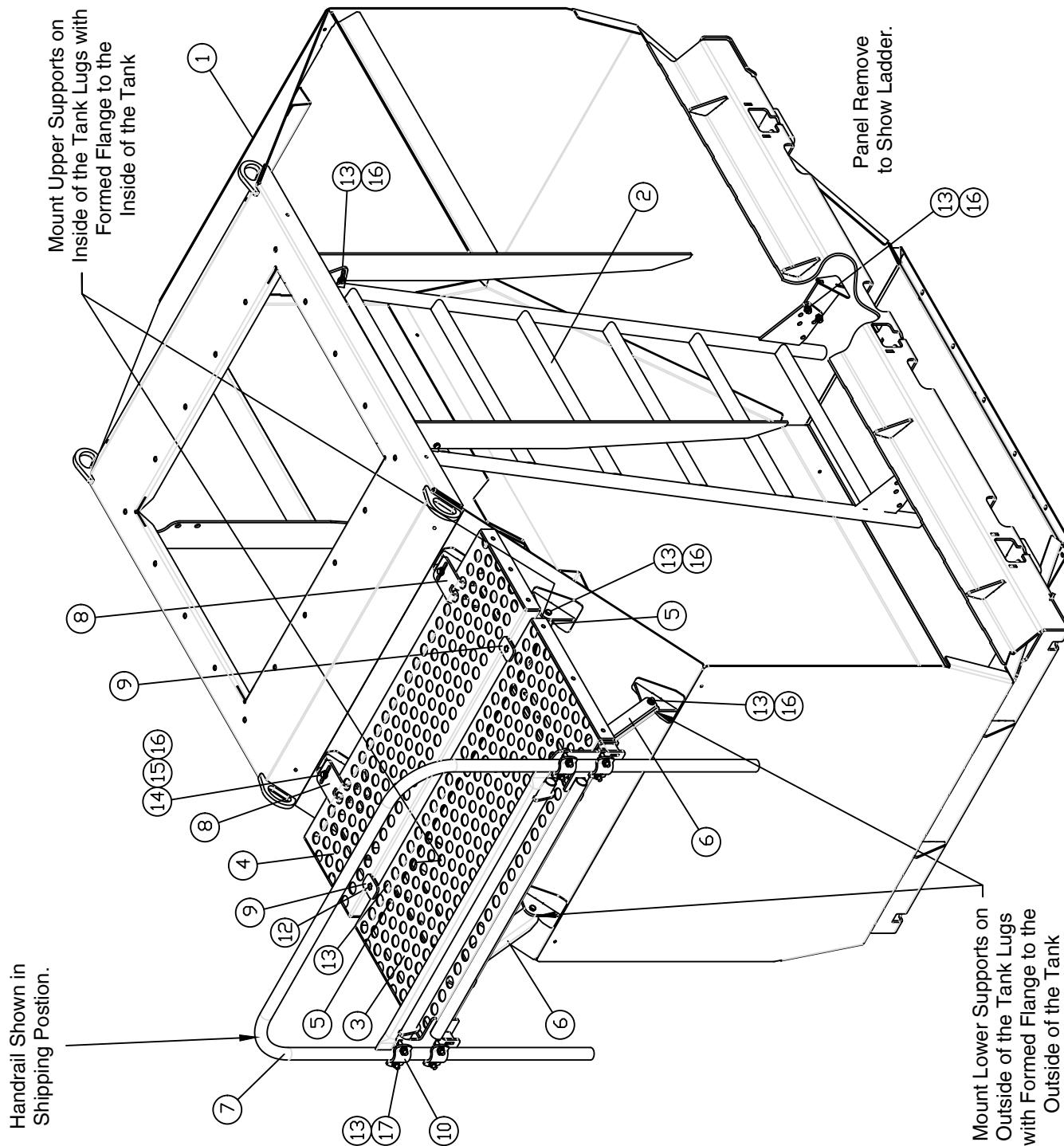
**820 Tanks
Front 250 Bushels - N70832**



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)	

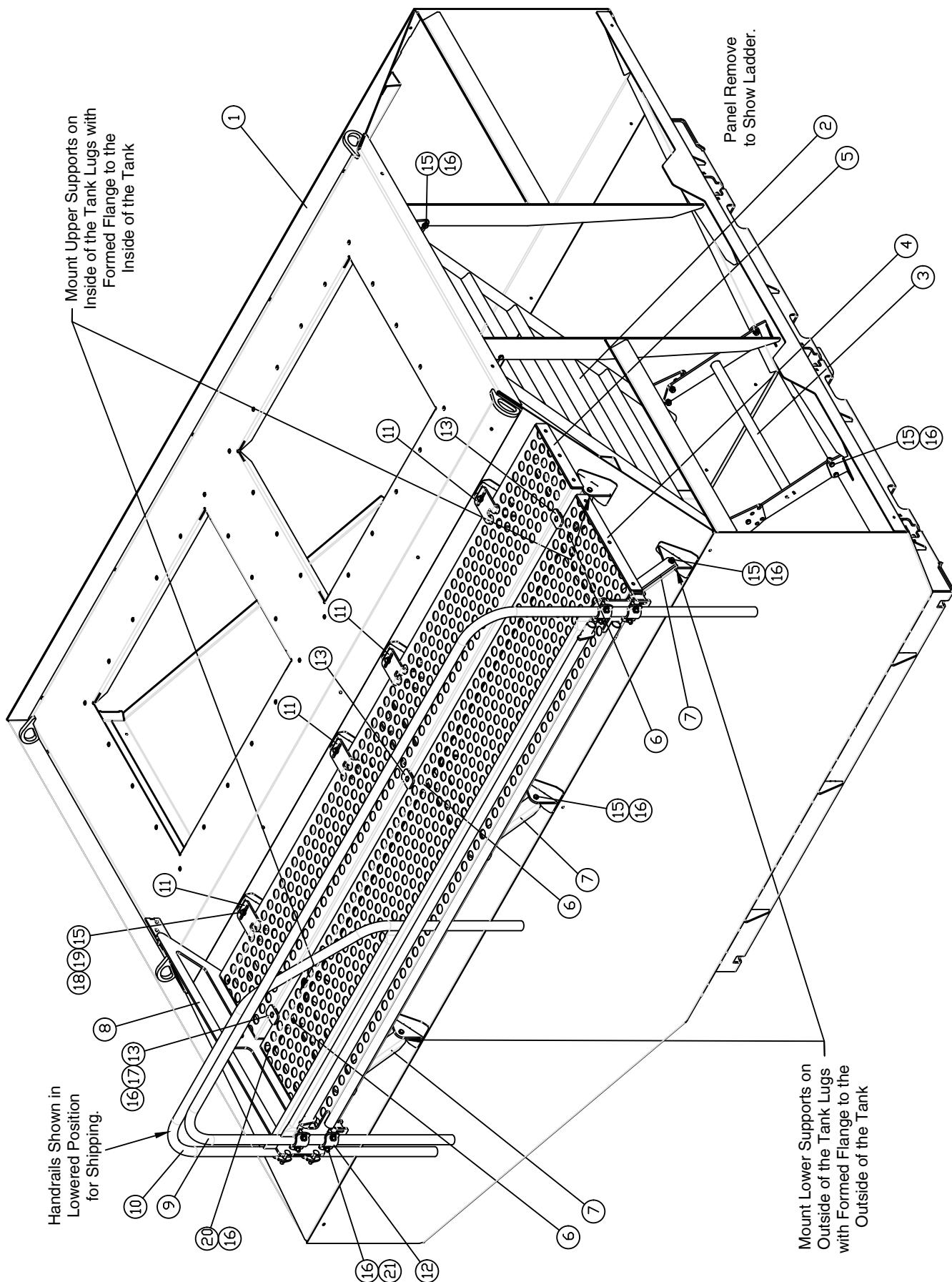
**820 Tanks
Middle 135 Bushels - N70825**



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)	

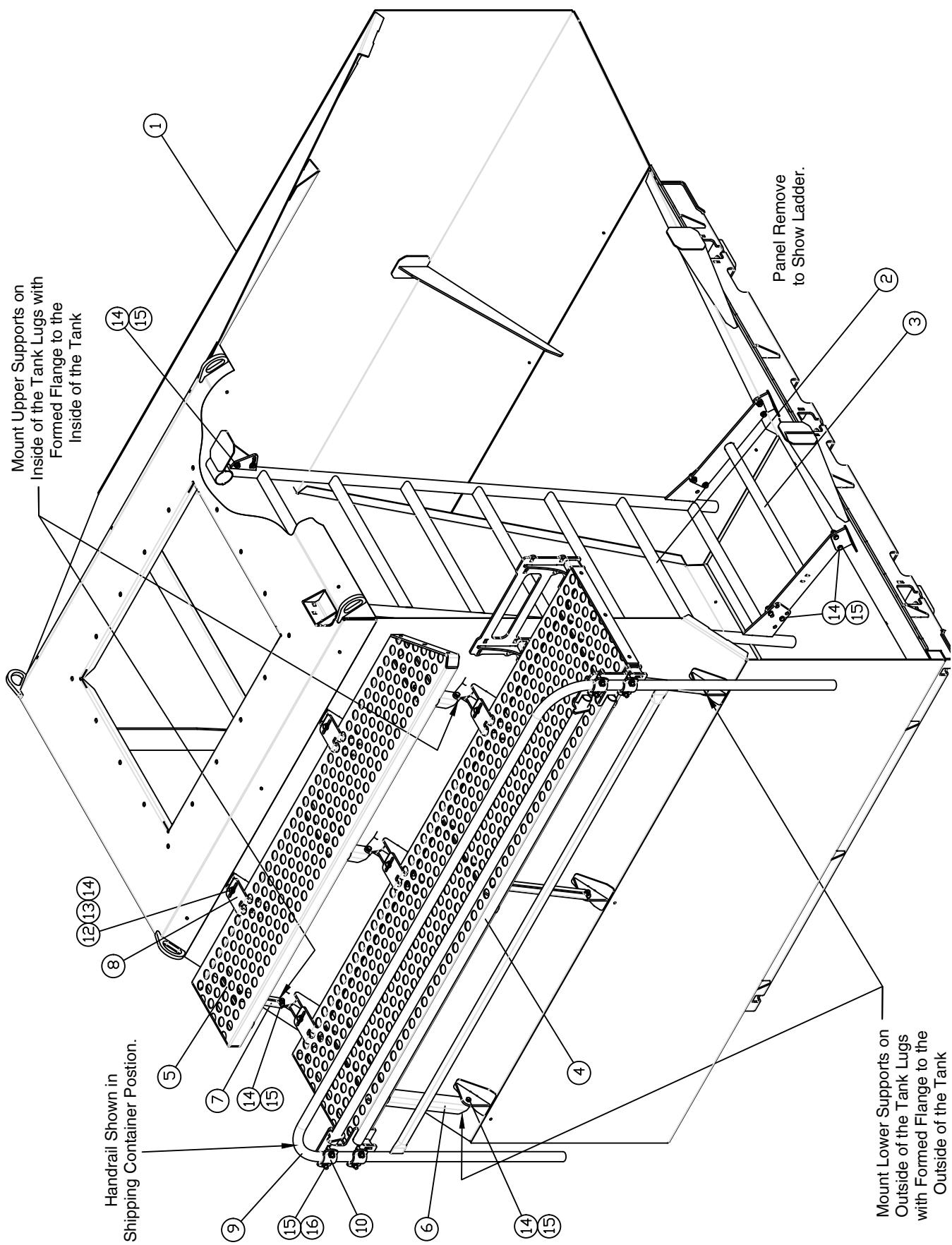
**820 Tanks
Back 355 Bushels - N70820**



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)	

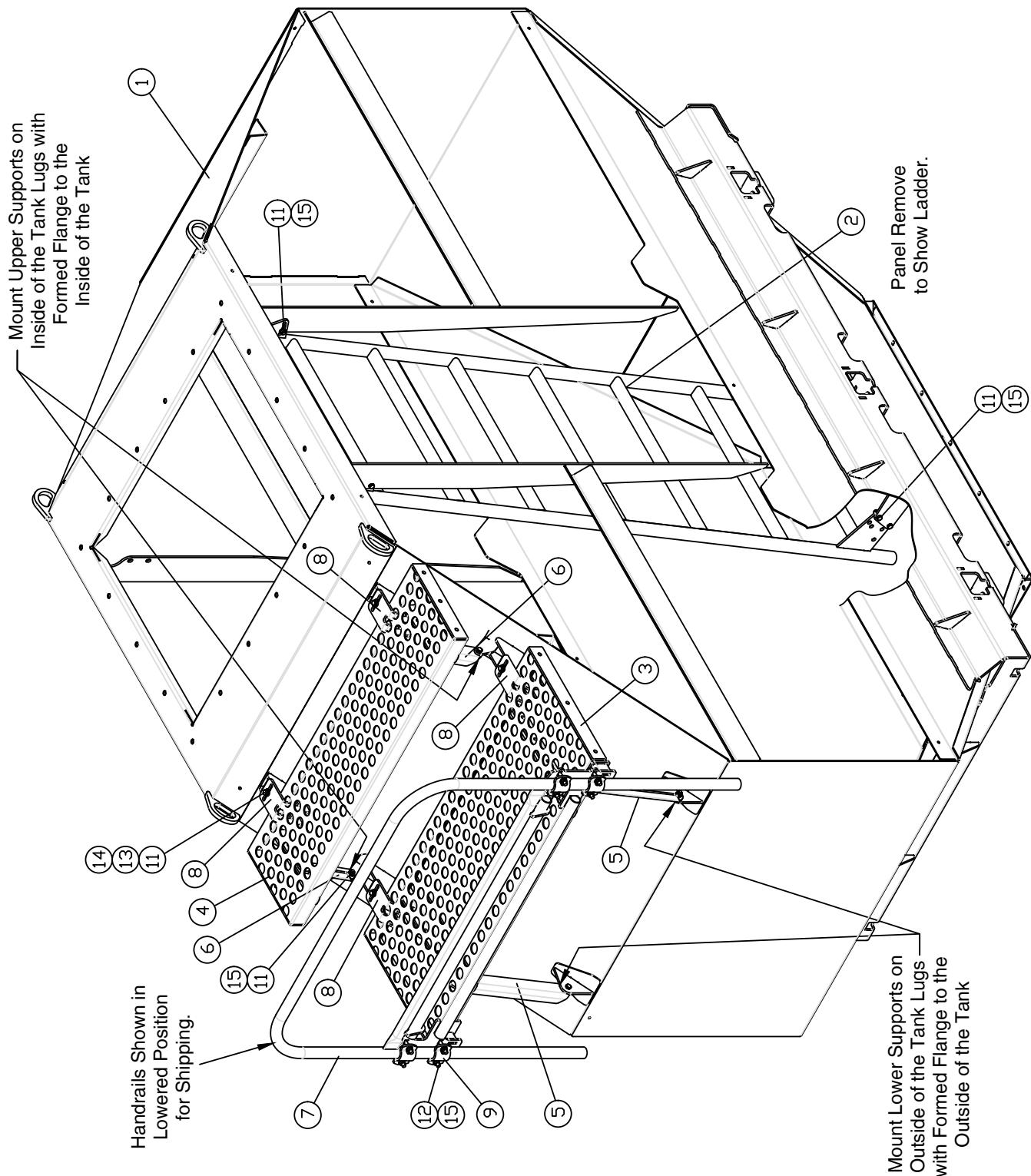
**1050 Tanks
Front 330 Bushels - N70932**



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)	

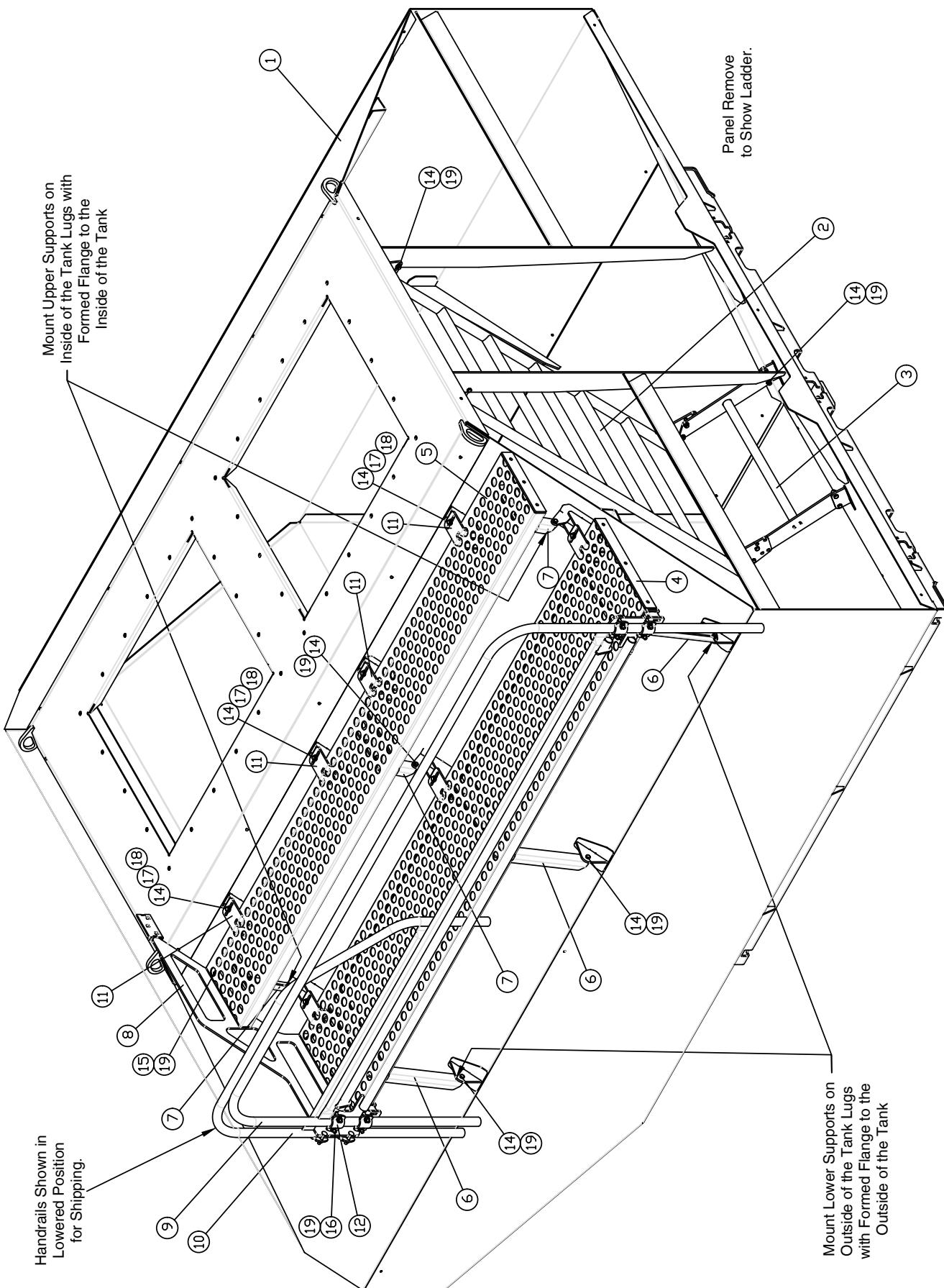
**1050 Tanks
Middle 175 Bushels - N70935**



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)	

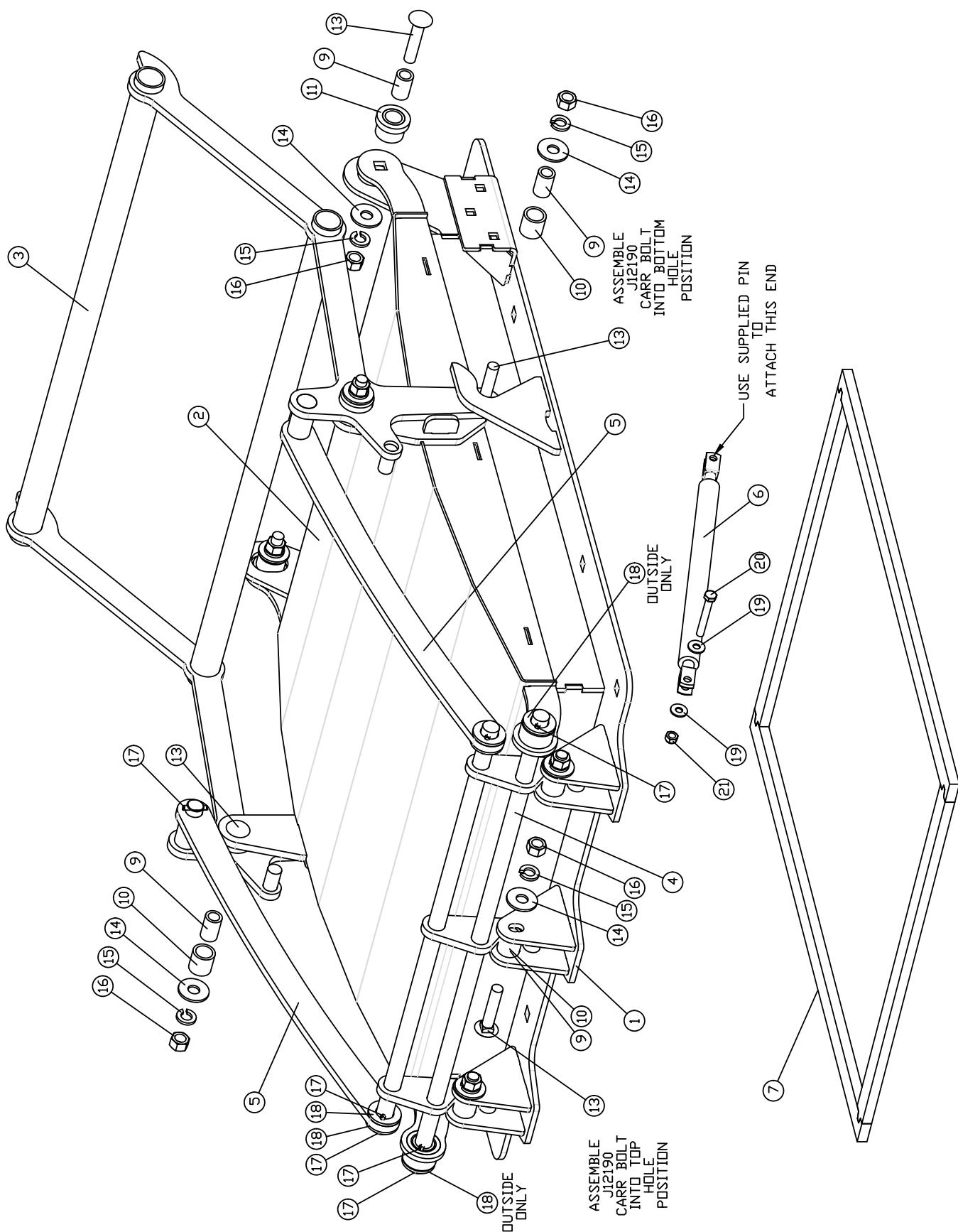
**1050 Tanks
Back 465 Bushels - N70940**



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)	

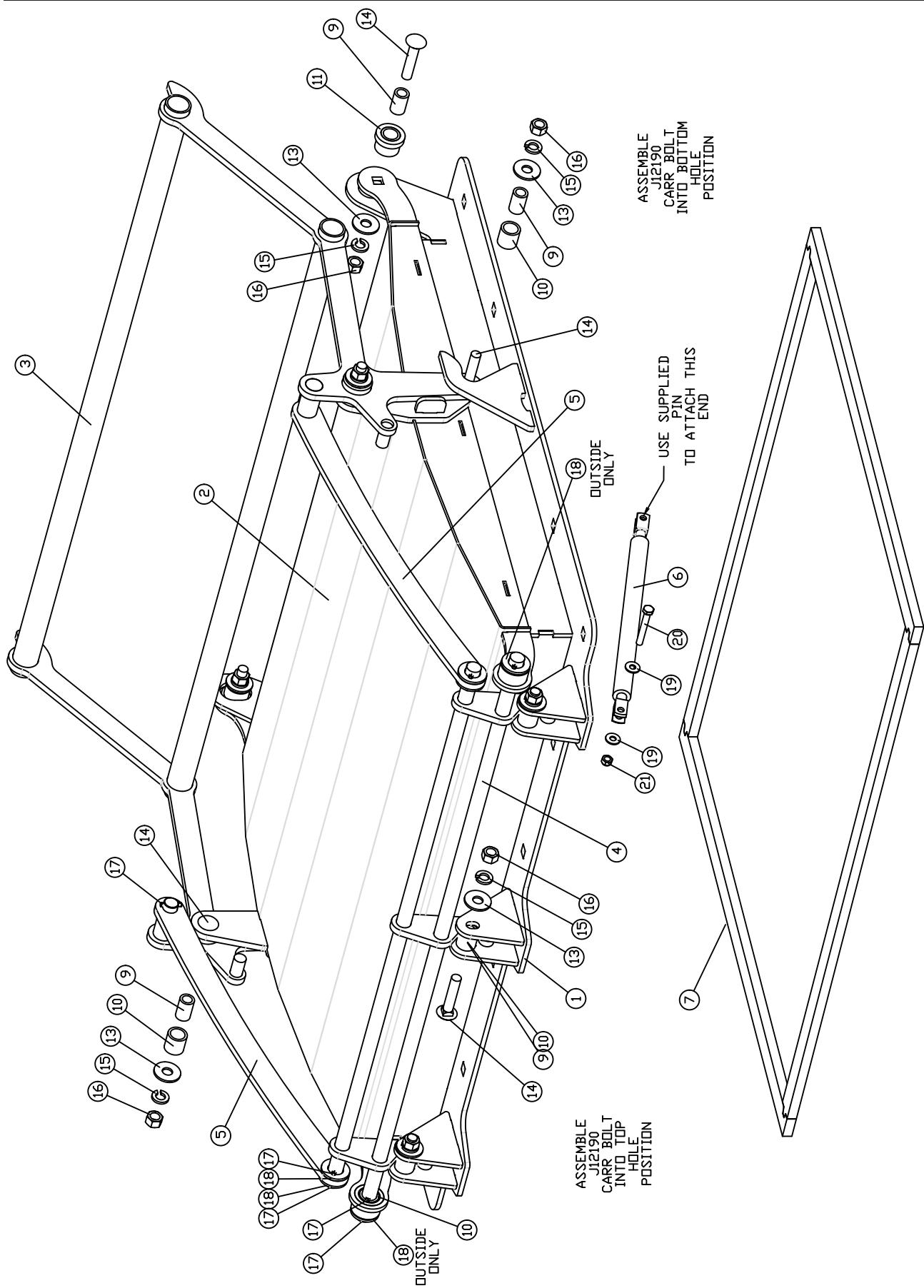
Lid Assembly Narrow Lid



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.....	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	S44397	Polygon Bushing - 3/4 ID x 1 OD x 1 Lg.....	9
11	N71107	Lid Roller Bushing Assembly - (Includes N71101 Roller and S44397 Bushing)	2
12	G69958	Pbag-10S-Lid-Assembly-Hardware - (Includes Items Below) Whole Goods Only.....	1
13	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg	9
14	W-539	Flat Washer - 1/2.....	9
15	W-525	Lockwasher - 1/2.....	9
16	W-516	Hex Nut - 1/2.....	9
17	W-1308	Spirol Pin - 3/16 x 1-1/8	10
18	W-476	Flat Washer - 3/4.....	6
19	S-1198	Flat Washer - 5/16	2
20	J12217	Hex Bolt - 5/16 x 2 1/4 Lg.....	1
21	D-5272	Locknut - 5/16 Unitorque.....	1
	N71000	Lid Assembly Narrow - (Includes All Above Items) Whole Goods Only	
	N64530	Acrylic Caulking - Grey - 300 ml Tube	

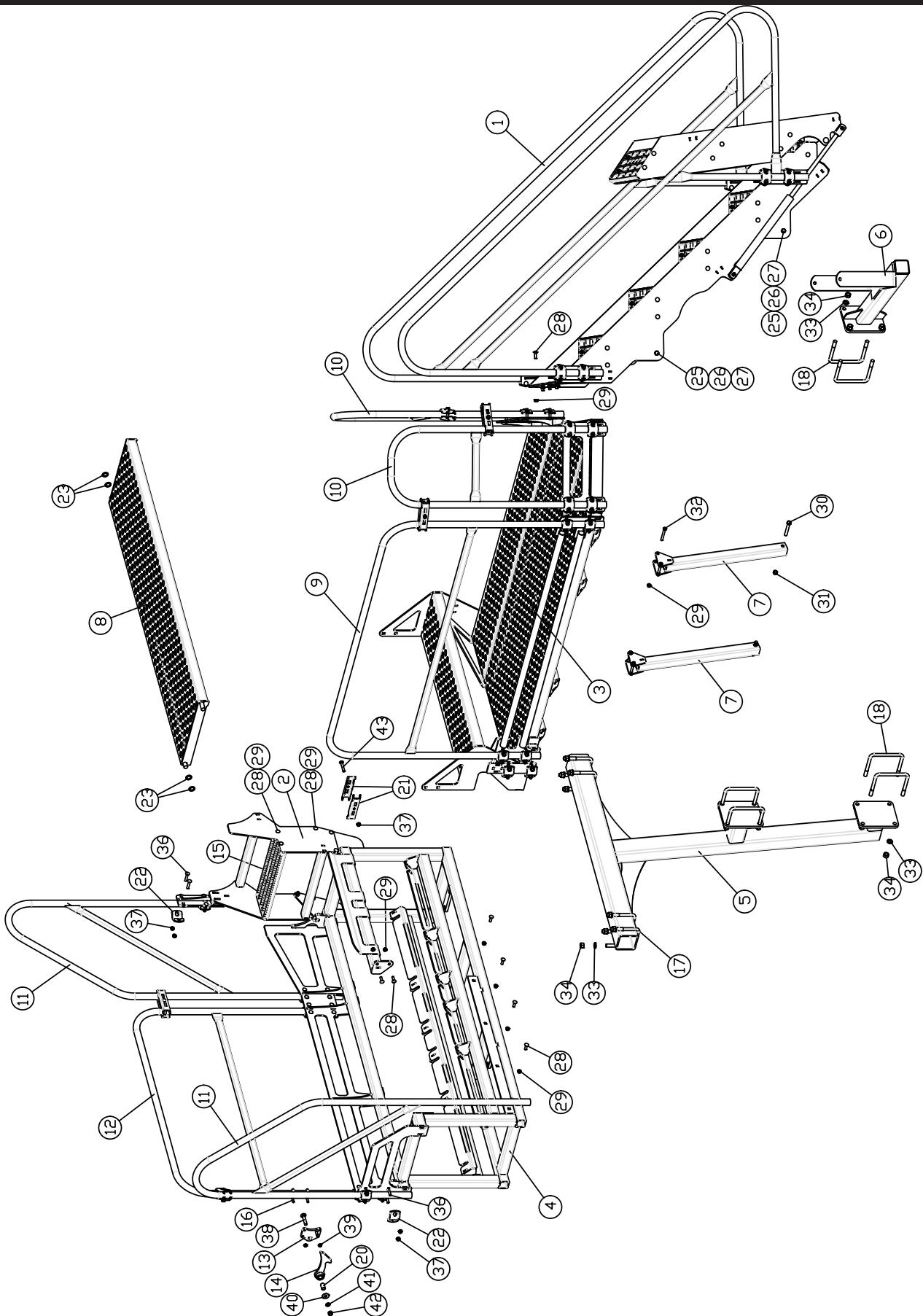
Lid Assembly Wide Lid



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	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	S44397	Polygon Bushing - 3/4 ID x 1 OD x 1 Lg.....	9
11	N71107	Lid Roller Bushing Assembly - (Includes N71101 Roller and S44397 Bushing)	2
12	G69958	G Pbag-10S - Lid Assembly Hardware - (Includes Items Below) Whole Goods Only	1
13	W-539	Flat Washer - 1/2.....	9
14	J12190	Carriage Bolt - 1/2 x 2 1/2 Lg	9
15	W-525	Lockwasher - 1/2.....	9
16	W-516	Hex Nut - 1/2	9
17	W-1308	Spirol Pin - 3/16 x 1 1/8 Lg	10
18	W-476	Flat Washer - 3/4.....	6
19	S-1198	Flat Washer - 5/16	2
20	J12217	Hex Bolt - 5/16 x 2 1/4 Lg	1
21	D-5272	Locknut - 5/16 Unitorque.....	1
	N69180	Lid Assembly Wide - (Includes All Above Items) Whole Goods Only	
	N64530	Acrylic Caulking - Grey - 300 ml Tube	

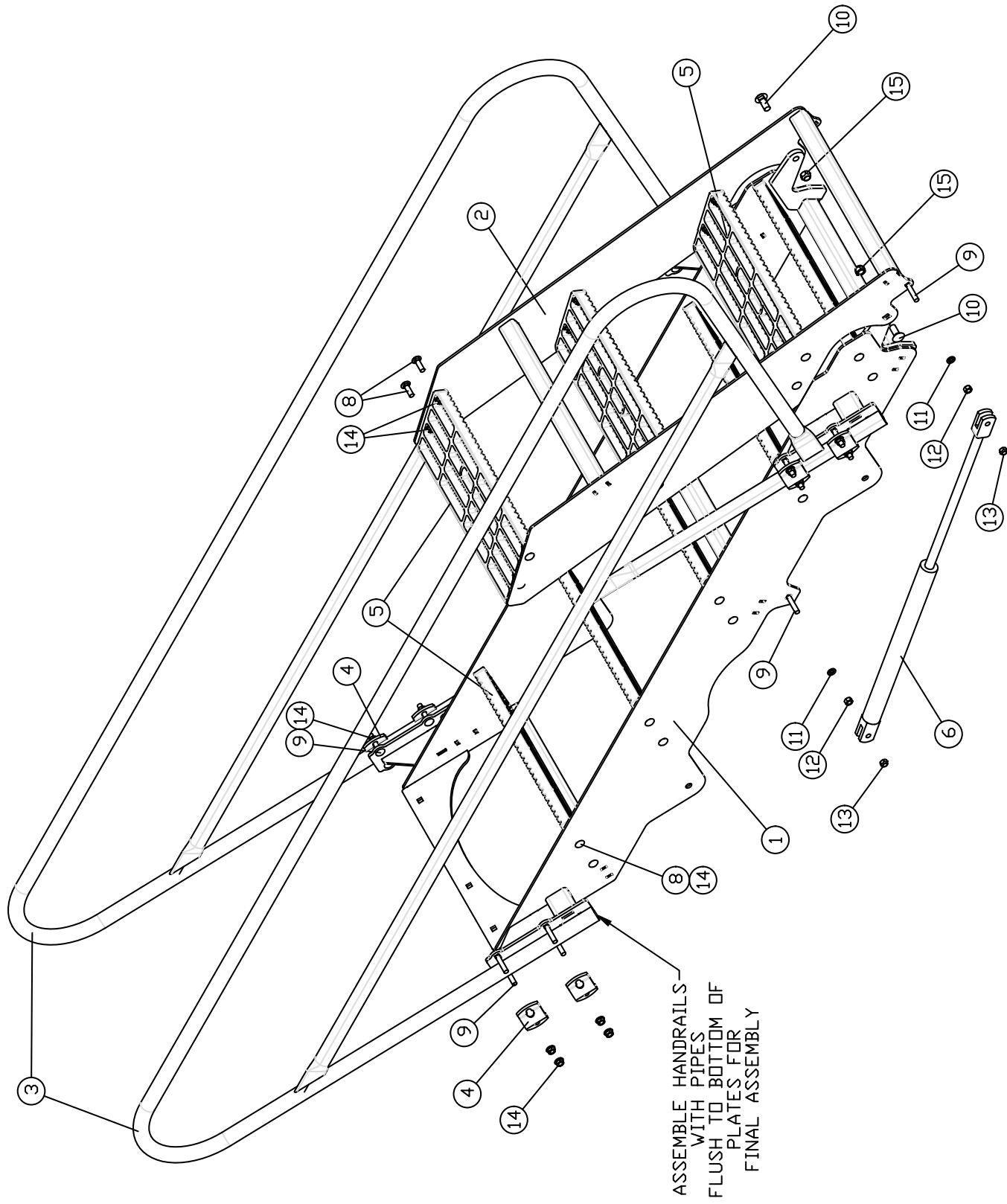
Stairway Front Platform



Stairway - Front Platform

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-Hardware - (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-Hardware - (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
		- (Whole Goods Only)	

**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 Unitorque.....	2
14	S27987	Locknut - 3/8 Flange	48
15	F-3405	Locknut - 1/2 Unitorque.....	2
	N70960	Front Staircase Assembly - (Whole Goods Only)	

Notes

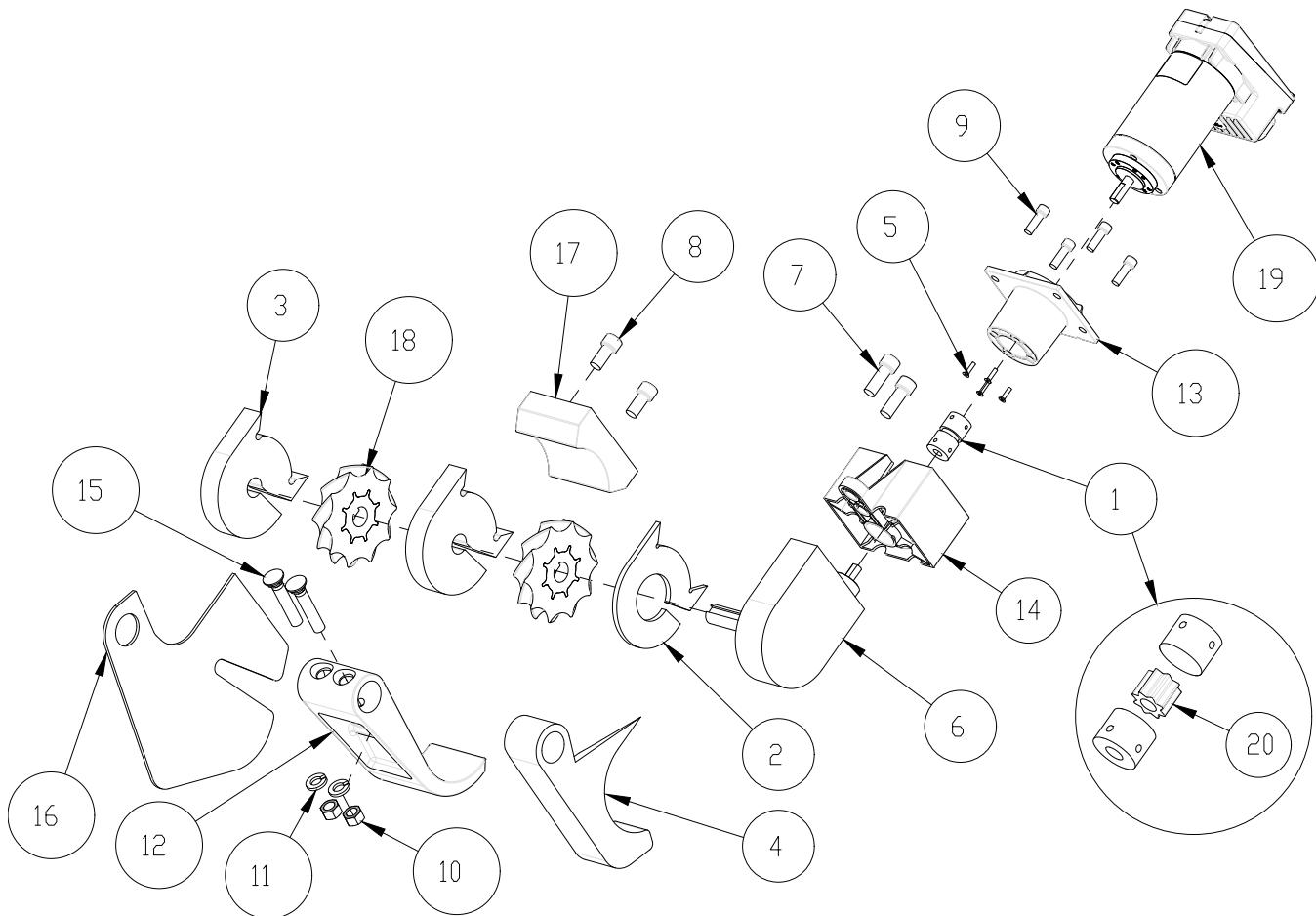
Section 4:

Metering System

Section Contents

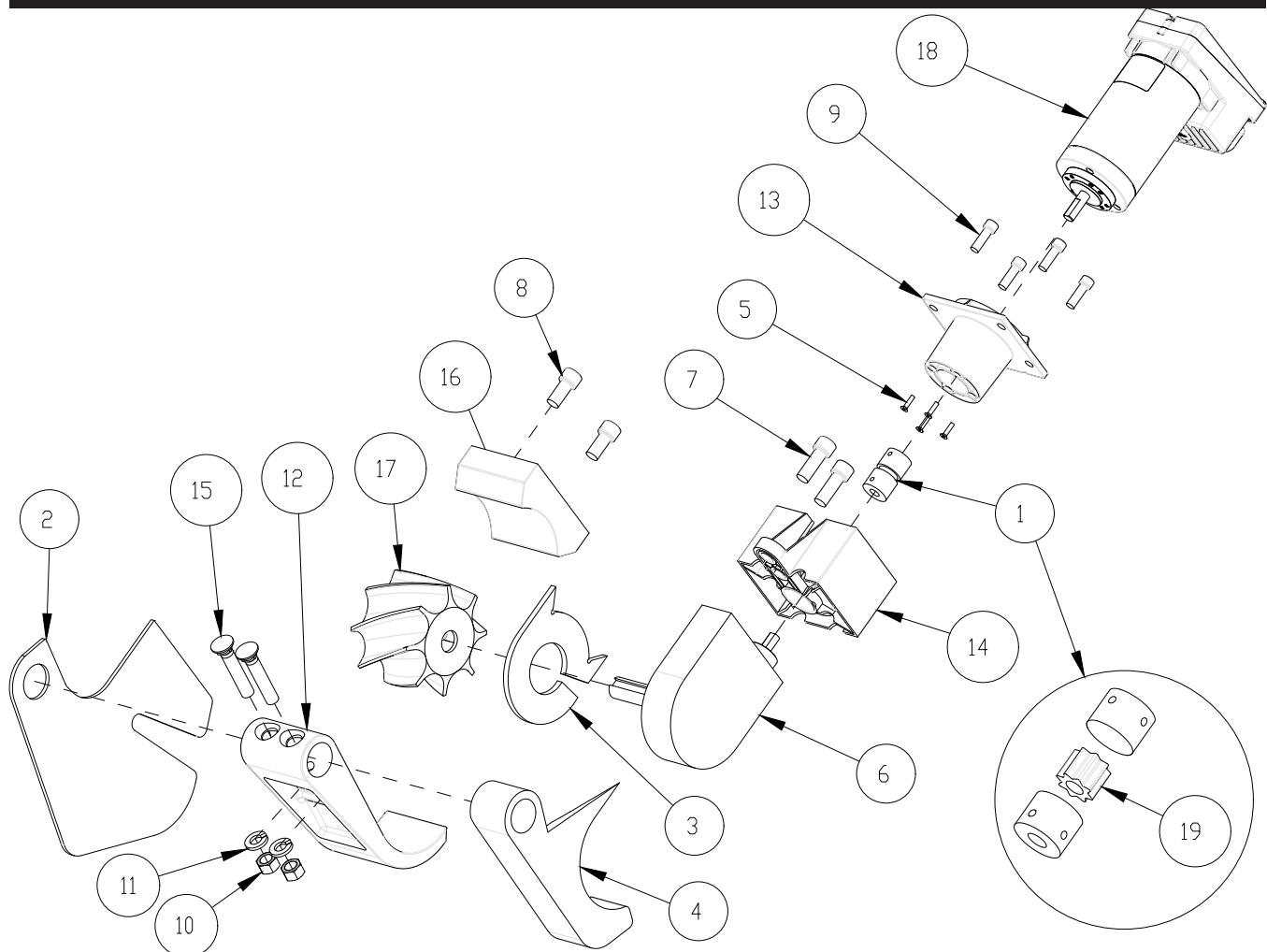
Metering Body	4-2
Meter Wheel Drive Assembly - 2 Wide	4-2
Meter Wheel Drive Assembly - 10 Wide	4-3
Clean-Out Door	4-4
Stage 1	4-5
Stage 2	4-6
Meter Blank-Off	4-8
Collector Assembly	4-9
Collector Cleanout Floor Assembly	4-9
Tow Between	4-10
Tow Behind	4-12
Distribution Pipes	4-14
Tow Between - Single Fan	4-14
Tow Between - Dual Fan	4-16
Tow Behind - Single Fan	4-18
Tow Behind - Dual Fan	4-20
Calibration Tray	4-22

Metering Body
Meter Wheel Drive Assembly - 2 Wide



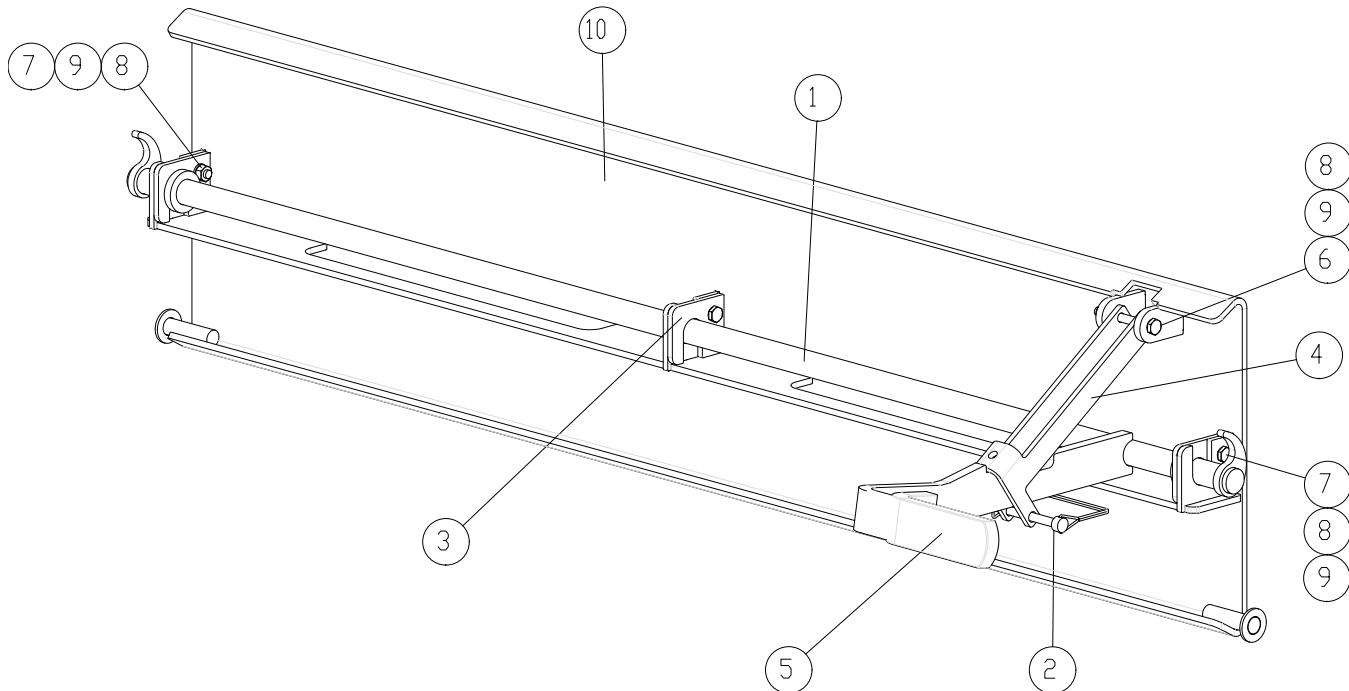
Item	Part No.	Description	Qty
1	N70539	Flex Coupler - 3 Piece - (Includes Item 20)	1
2	N70542	Side Plate - 0.188 Wide	1
3	N70532	Spacer - 0.750 Wide	2
4	N70533	Gear Box Cover	1
5	N70451	Hex Socket Cap Screw - M3 - 0.50 x 12 mm - Flat Head	4
6	N70523	Edrive Gear Box	1
7	N70482	Hex Socket Cap Screw - 3/8-16 x 1 Lg - (Black Oxide Finish).....	2
8	N70483	Hex Socket Cap Screw - 3/8-16 x 3/4 Lg - (Black Oxide Finish).....	2
9	N70484	Hex Socket Cap Screw - 1/4-20 x 3/4 Lg - (Black Oxide Finish).....	4
10	W-514	Hex Nut - 3/8.....	2
11	W-523	Lockwasher - 3/8	2
12	N72205	Seedplate	1
13	N70526	Motor Side Coupler.....	1
14	N70527	Motor Mount Base	1
15	N70488	Plow Head Bolt - 3/8 x 2 Lg	2
16	N70764	Side Wear Plate - 0.125 Thick	1
17	N70499	Cup Back	1
18	N70560	Fine Meter Wheel - 0.500 Wide	2
19	N73024	Motor DC Brushless - 24V - 8mm Shaft.....	1
20	N70552	Spline Coupler	1
	N70321	Meter Wheel Drive Assembly - (Includes All Above Items) Whole Goods Only	

**Metering Body
Meter Wheel Drive Assembly - 10 Wide**



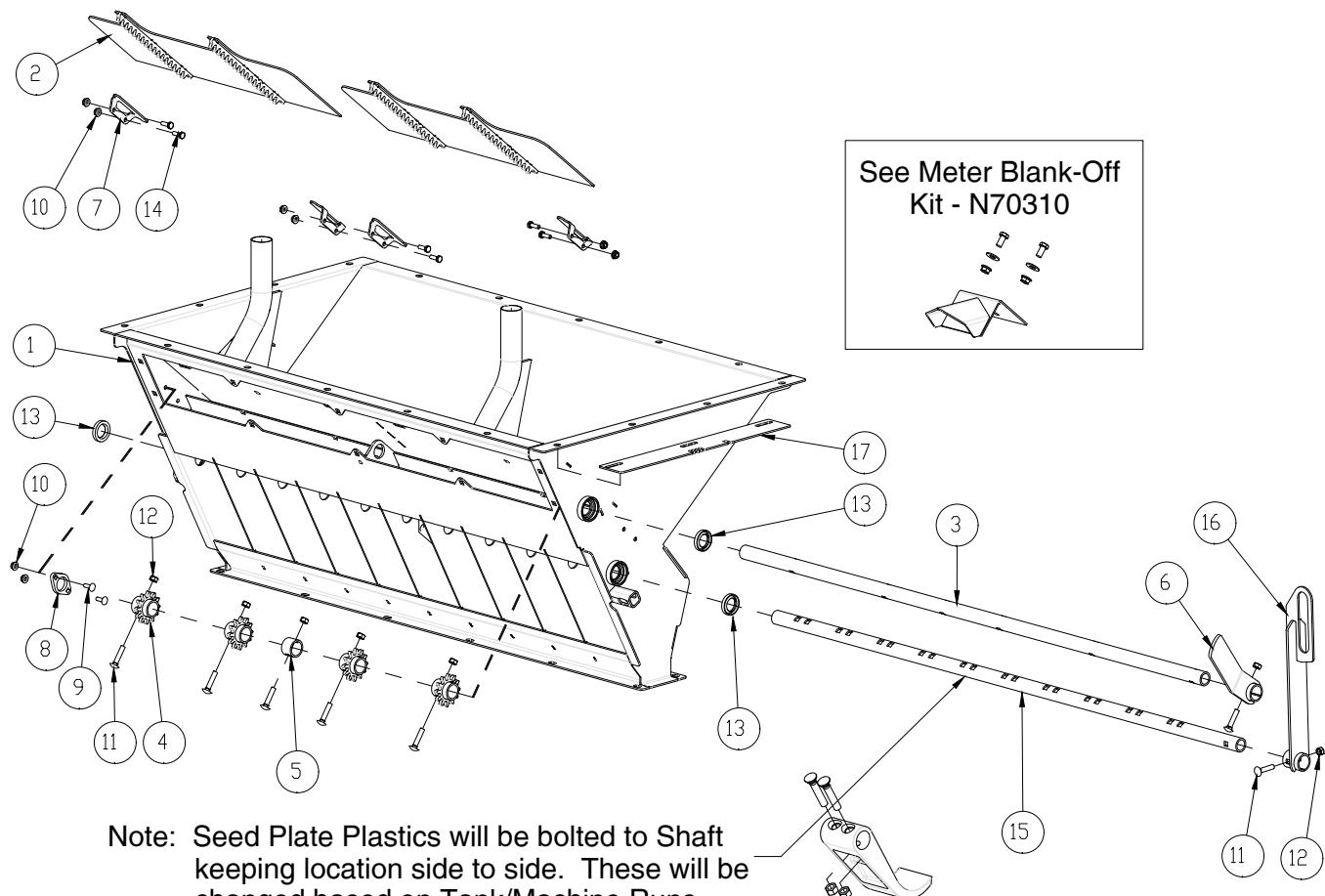
Item	Part No.	Description	Qty
1	N70539	Flex Coupler - 3 Piece - (Includes Item 19)	1
2	N70764	Side Wear Plate - 0.125 Thick.....	1
3	N70542	Side Plate - 0.188 Wide	1
4	N70533	Gear Box Cover	1
5	N70451	Hex Socket Cap Screw - M3 - 0.50 x 12 mm - Flat Head	4
6	N70523	Edrive Gear Box	1
7	N70482	Hex Socket Cap Screw - 3/8-16 x 1 Lg - (Black Oxide Finish).....	2
8	N70483	Hex Socket Cap Screw - 3/8-16 x 3/4 Lg - (Black Oxide Finish).....	2
9	N70484	Hex Socket Cap Screw - 1/4-20 x 3/4 Lg - (Black Oxide Finish).....	4
10	W-514	Hex Nut - 3/8.....	2
11	W-523	Lockwasher - 3/8	2
12	N72205	Seedplate	1
13	N70526	Motor Side Coupler.....	1
14	N70527	Motor Mount Base	1
15	N70488	Plow Head Bolt - 3/8 x 2 Lg	2
16	N70499	Cup Back	1
17	N68430	Meterwheel - 2.50 Wide	1
18	N73024	Motor DC Brushless - 24V - 8mm Shaft.....	1
19	N70552	Spline Coupler	1
	N70325	Meter Wheel Drive Assembly - (Includes All Above Items) Whole Goods Only	

Meter Body Clean-Out Door



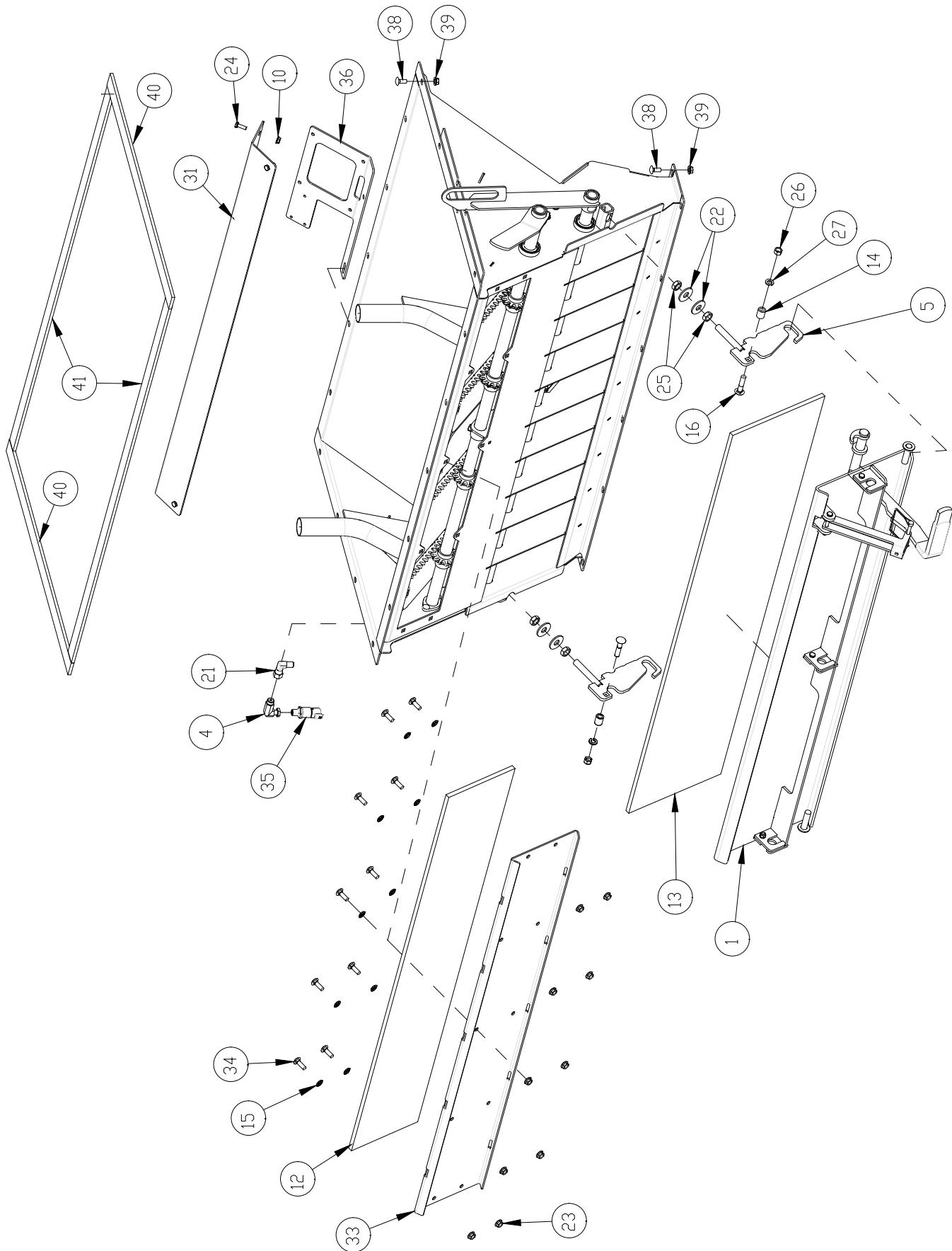
Item	Part No.	Description	Qty
1	N51533	Cam Shaft.....	1
2	N53471	Quick Pin - 1/4 x 2 1/2 Lg	1
3	N48612	Bearing Plate	3
4	N48621	Lock	1
5	N32769	Handle Cover.....	1
6	S45280	Hex Bolt - 1/4 x 2 1/4 Lg	1
7	W-469	Hex Head - 1/4 x 3/4 Lg.....	3
8	W-512	Hex Nut - 1/4.....	4
9	W-521	Lockwasher - 1/4	4
10	N51530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

Meter Body 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	7
12	C32925	Locknut - 5/16 Center Lock.....	7
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
	N70320	Meter Body Assembly - Stage 1 - (Includes All Above Items) Whole Goods Only	

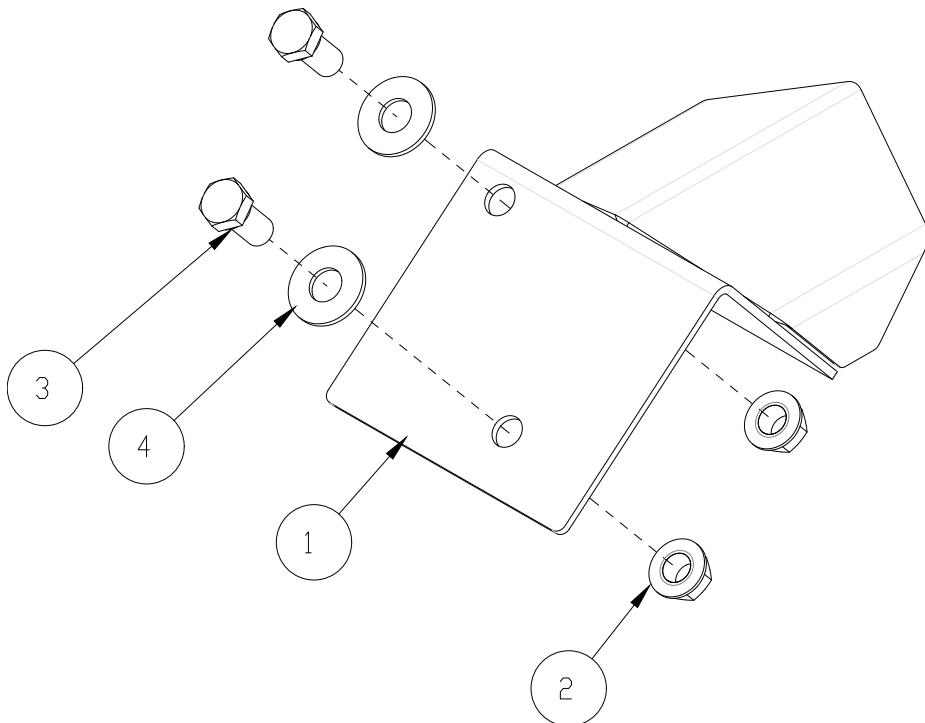
Meter Body Stage 2



Meter Body - Stage 2

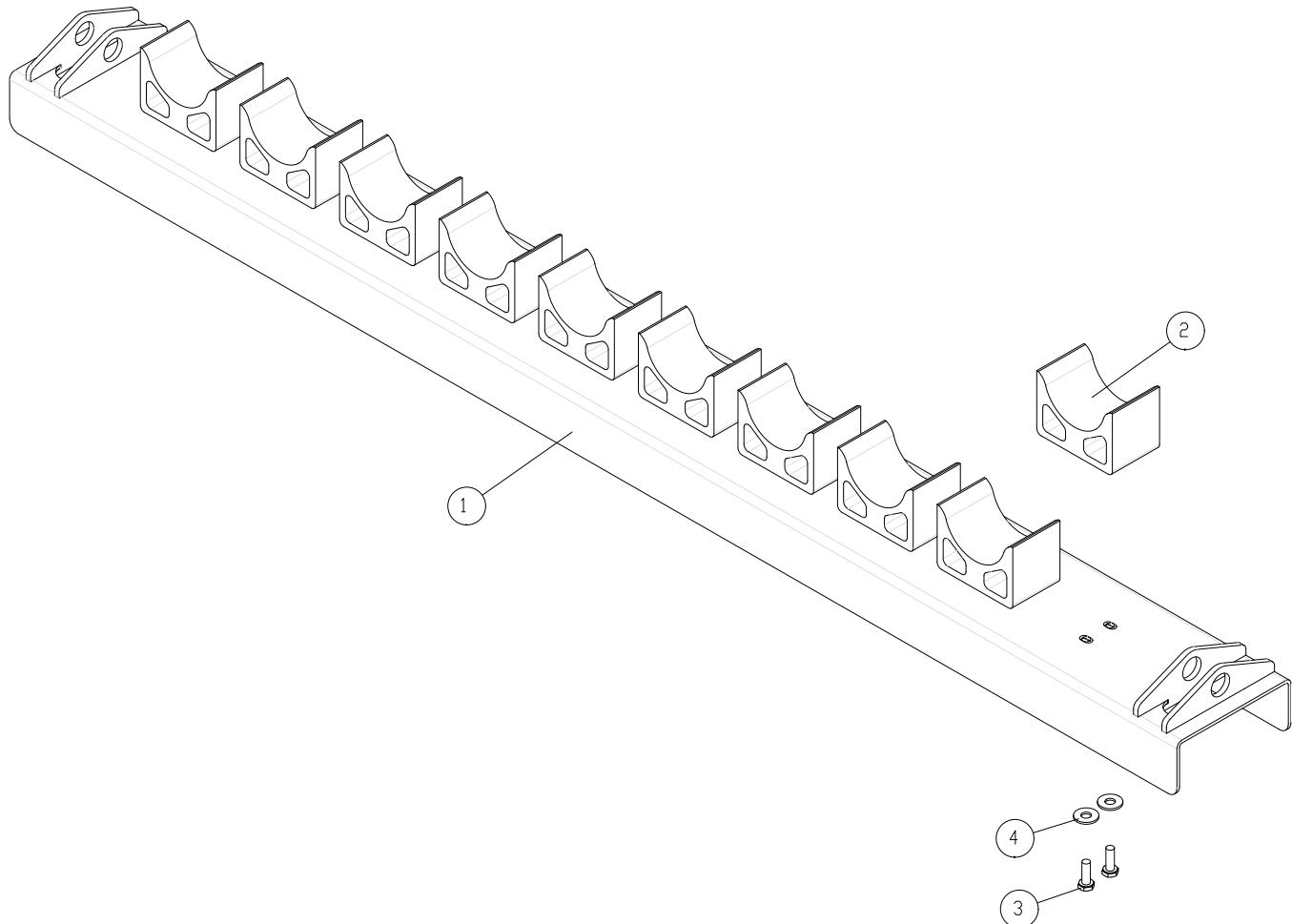
Item	Part No.	Description	Qty
1	N51995	Door Cam Lock Assembly	1
2	N68030	Shut-Off Panel	2
3	N68040	Meter-Body	1
4	N70540	90 Elbow - Swivel - 9/16-18 FNPT x 9/16-18 MORB	1
5	N70556	Clamp Assembly	2
6	N70790	Seed Plate Handle	1
7	N70799	Shutoff Handle	1
8	N72336	Shut Off Gate Sprocket	4
9	N70766	Slider 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	7
18	D-5258	Carriage Bolt - 1/4 x 3/4 Lg	2
19	C32925	Locknut - 5/16 Center Lock	7
20	N70558	Seal - Double Lip	3
21	S29967	90 Elbow - Swivel - 9/16-18 FJIC x 9/16-18 MJIC	1
22	W-539	Flat Washer - 1/2	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	N72337	Shutoff Shaft	1
29	N72332	Seed Plate Adjustment Tube	1
30	N70548	Shutoff Locator	1
31	N68119	Deflector Panel	1
32	N70797	10S Seed Plate Setter	1
33	N70801	10S-Inspection Cover	1
34	S33420	Carriage Bolt - 5/16 x 1 Lg	10
35	N73023	Sensor - Pressure	1
36	N70405	SDB Mount	1
37	G69899	P-Bag - Meter Body Hardware	1
38	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	30
39	D-5278	Locknut - 5/16 Flange	30
40	N37190	Seal Strip - 27 Lg	2
41	N37190	Seal Strip - 42 Lg	2
	N70320	Meter Body Assembly - (Includes All Above Items of Stage 1 and 2) Whole Goods Only	

**Meter Body
Meter Blank-Off**



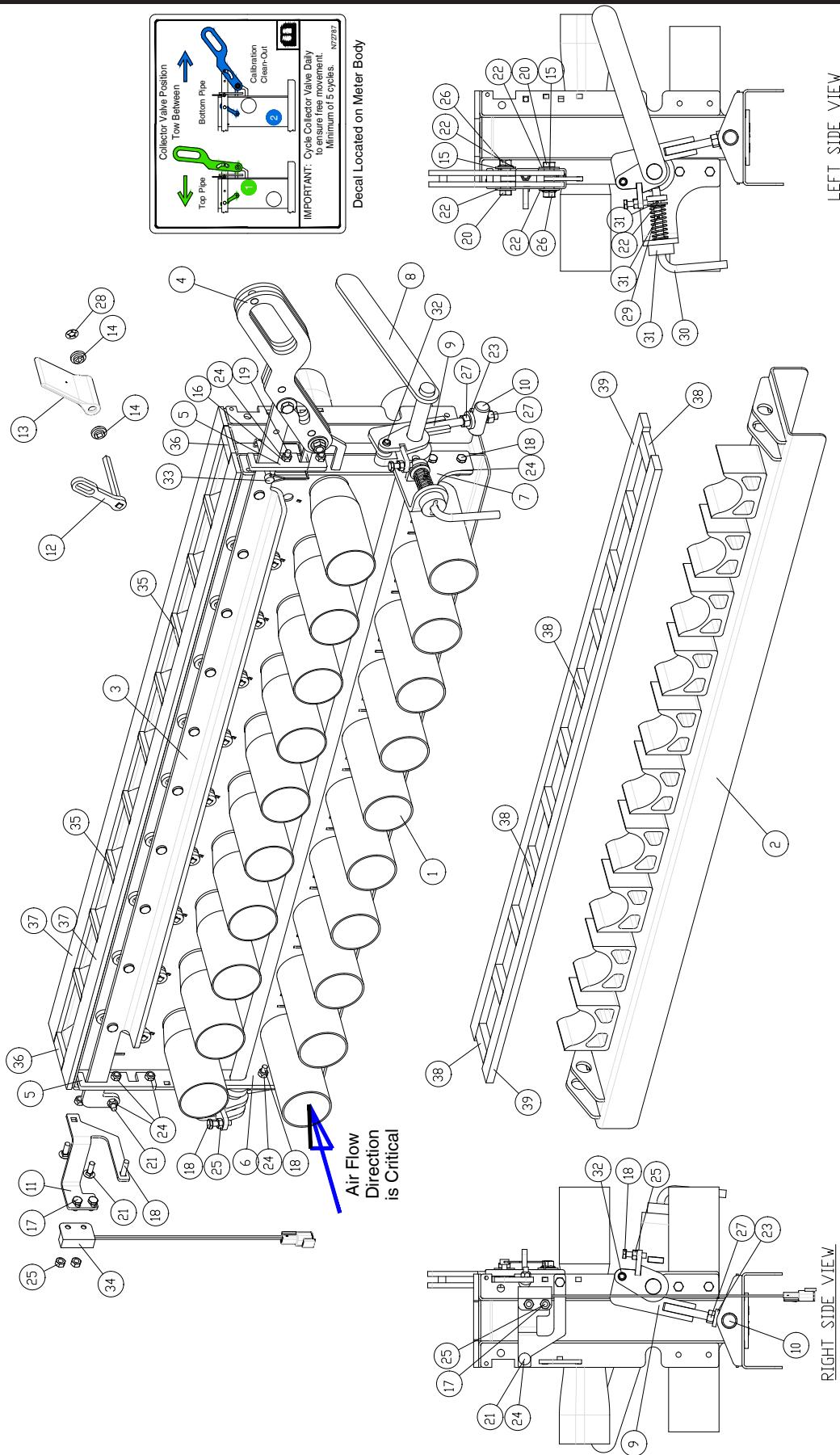
Item	Part No.	Description	Qty
1	N70794	E-Blank-Off.....	1
2	S27987	Locknut - 3/8 Flange.....	2
3	W-867	Hex Head Bolt - 3/8 x 3/4 Lg.....	2
4	W-538	Flat Washer - 7/16 ID x 1 OD x 14 Ga	2
	N70310	Meter Body Blank-Off Kit - (Includes All Above Items)	

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	

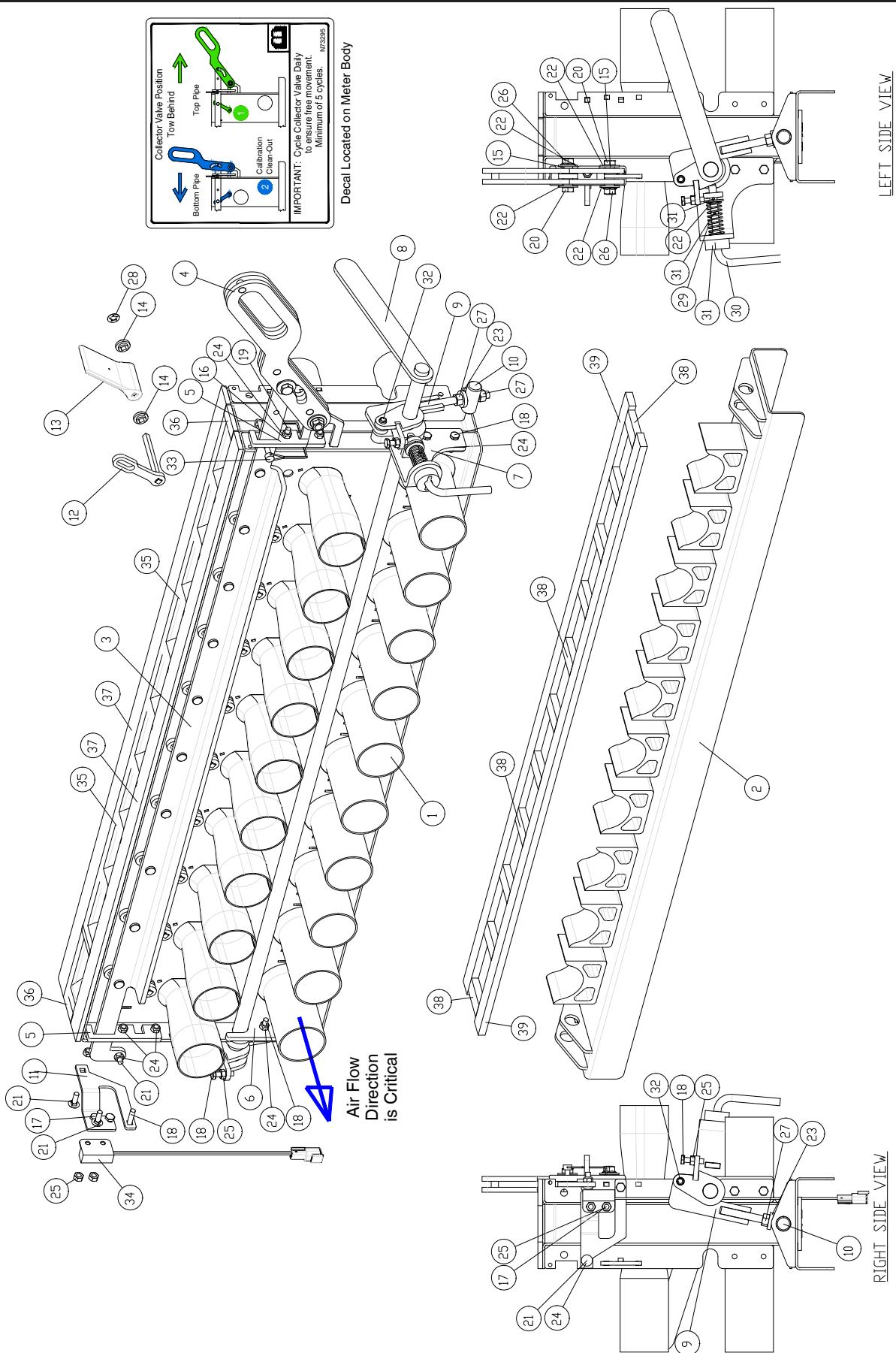
Collector Assembly Tow Between



Collector Assembly - Tow Between

Item	Part No.	Description	Qty
1	N70502	Collector Weldment.....	1
2	N70786	Collector Cleanout Floor Assmeby - 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
11	N70367	Sensor Mount - Tow Between	1
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	K-3830	Hex Bolt - 1/4 x 1/2 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.....	2
38	N19449	Seal Strip - Collector Bottom.....	11
39	N19449	Seal Strip - Collector Bottom.....	2
N70460		Collector Assembly - Tow Between - (Includes All Above Items) Whole Goods Only	
N72787		Decal - Collector Valve Position - Tow Between	

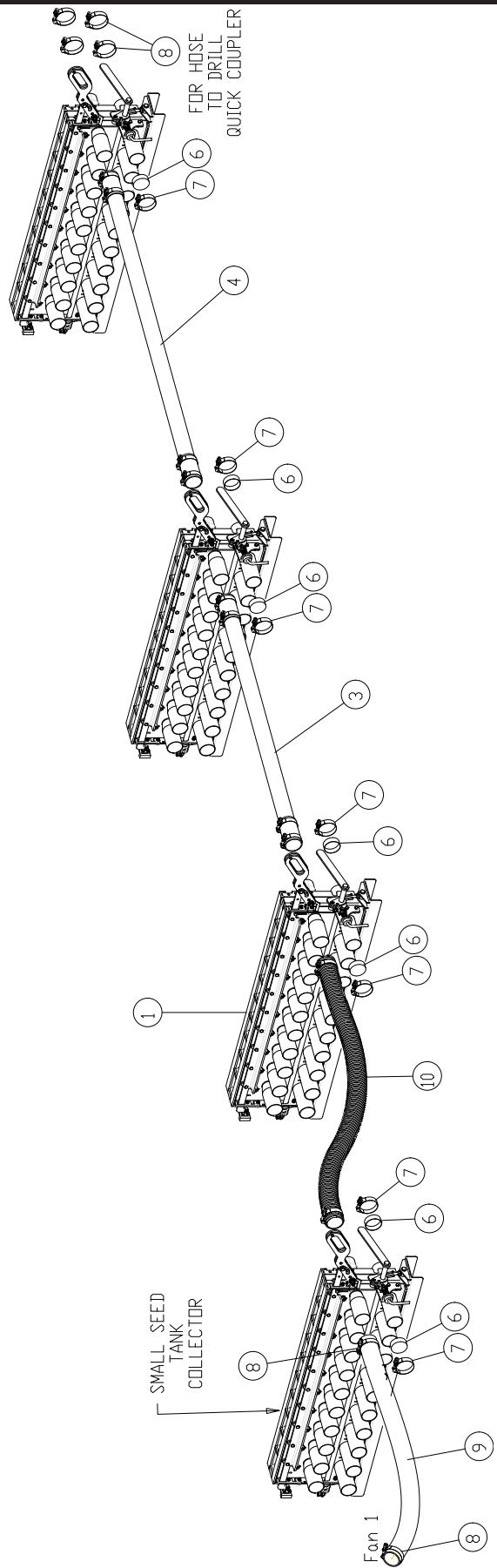
Collector Assembly Tow Behind



Collector Assembly - Tow Behind

Item	Part No.	Description	Qty
1	N70502	Collector Weldment.....	1
2	N70786	Collector Cleanout Floor Assmeby - 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
11	N70541	Sensor Mount - Tow Behind	1
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	K-3830	Hex Bolt - 1/4 x 1/2 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.....	2
38	N19449	Seal Strip - Collector Bottom.....	11
39	N19449	Seal Strip - Collector Bottom.....	2
	N70506	Collector Assembly - Tow Behind - (Includes All Above Items) Whole Goods Only	
	N73295	Decal - Collector Valve Position - Tow Behind	

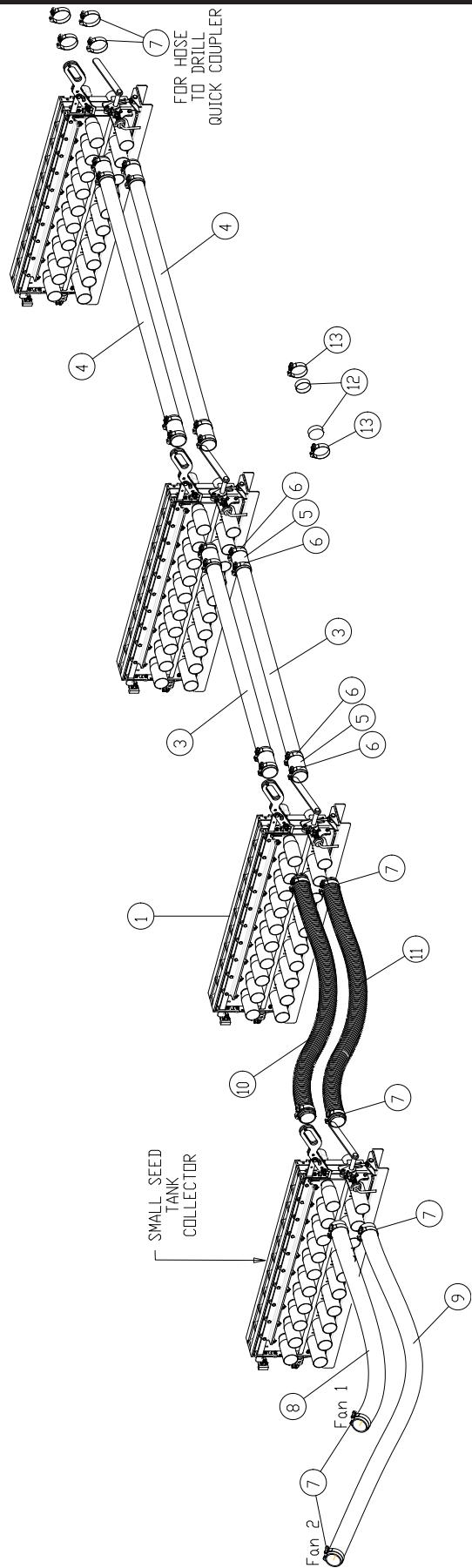
Distribution Pipes Tow Between - Single Fan



Distribution Pipes - Tow Between - Single Fan

Item	Part No.	Description	Qty
		All parts listed per section below is for 1 individual run (From fan to drill coupling hose)	
1	N70460	Collector Assembly - Tow Between	4
3	N70938	Distribution Pipe - 49 Lg	1
4	N70934	Distribution Pipe - 62-1/2 Lg	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 - Blk Coil x 48 Lg	1
10	N69294	2-1/2 Dia Primary Hose - Blk Coil x 60 Lg	1
		All parts listed below are for 1 unused run (From fan to drill coupling hose)	
6	N11907	Plastic Cap.....	17
7	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	17

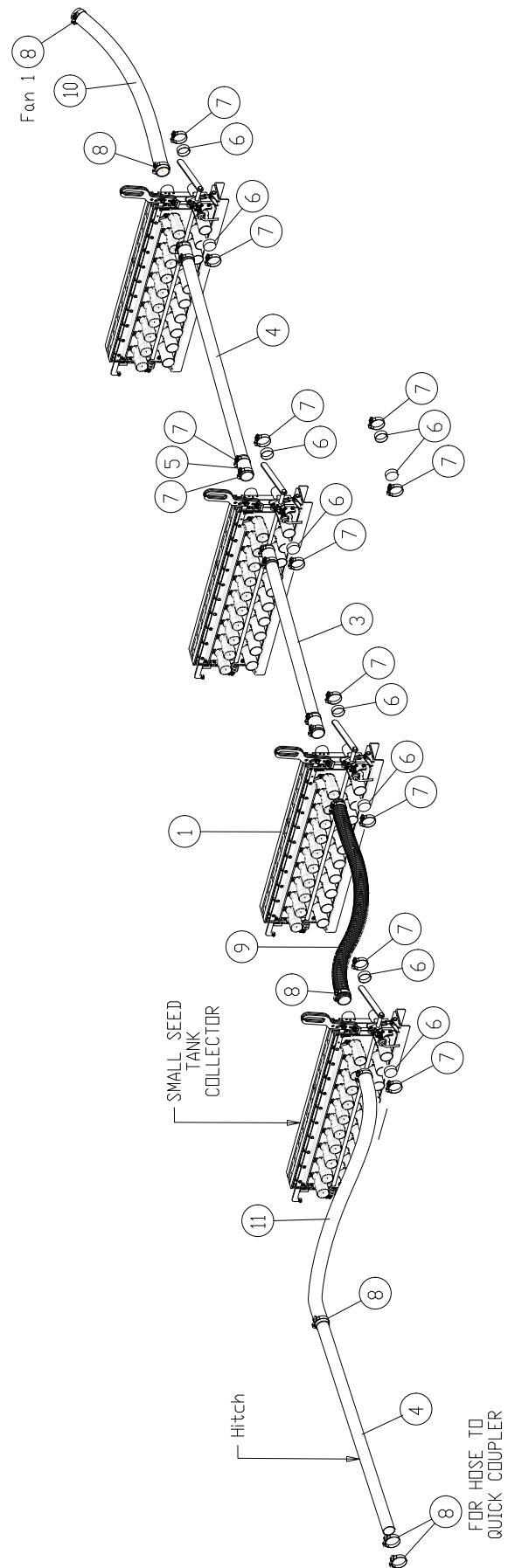
Distribution Pipes Tow Between - Dual Fan



Distribution Pipes - Tow Between - Dual Fan

Item	Part No.	Description	Qty
		All parts listed per section below is for 1 individual run (From fan to drill coupling hose)	
1	N70460	Collector Assembly - Tow Between	4
3	N70938	Distribution Pipe - 49 Lg	2
4	N70934	Distribution Pipe - 62-1/2 Lg	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 - Blk Coil x 48 Lg	1
9	N72592	2-1/2 Dia Primary Hose - Red Coil x 85 Lg.....	1
10	N69294	2-1/2 Dia Primary Hose - Blk Coil x 60 Lg	1
11	N72592	2-1/2 Dia Primary Hose - Red Coil x 60 Lg.....	1
		All parts listed below are for 1 unused run (From fan to drill coupling hose)	
12	N11907	Plastic Cap.....	18
13	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	18

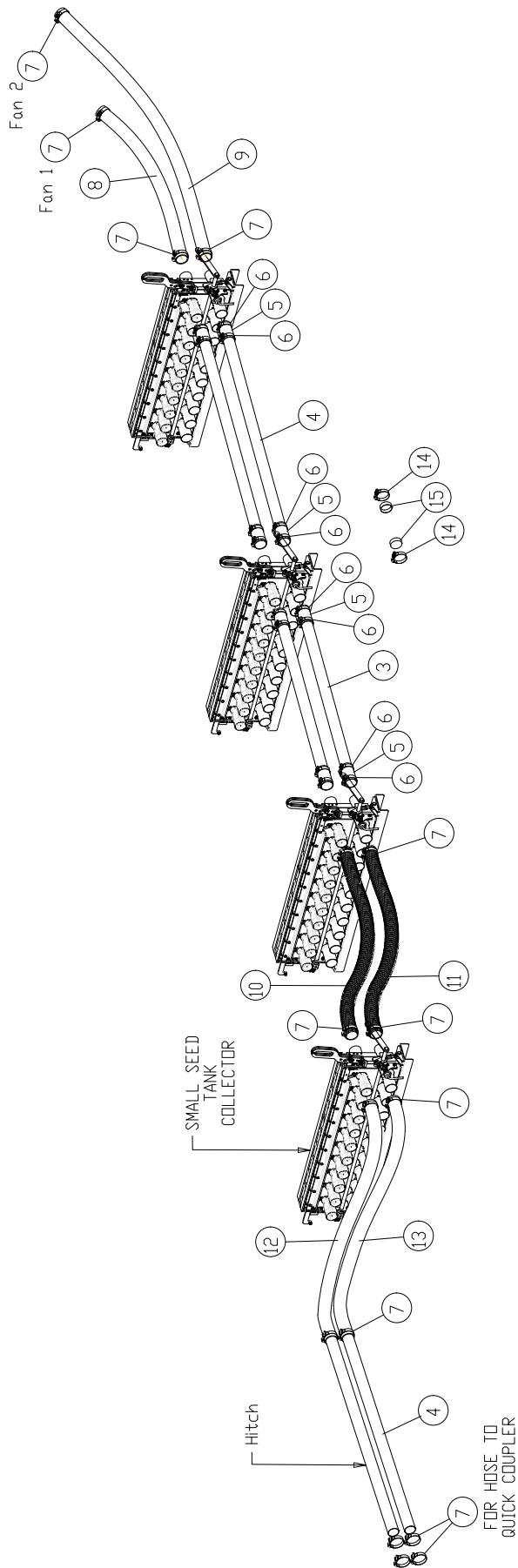
Distribution Pipes Tow Behind - Single Fan



Distribution Pipes - Tow Behind - Single Fan

Item	Part No.	Description	Qty
		All parts listed per section below is for 1 individual run (From fan to drill coupling hose)	
1	N70506	Collector Assembly - Tow Behind.....	4
3	N70938	Distribution Pipe - 49 Lg	1
4	N70934	Distribution Pipe - 62-1/2 Lg	2
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	1
10	N69294	2-1/2 Dia Primary Hose - Black Coil x 65 Lg	1
11	N69294	2-1/2 Dia Primary Hose - Black Coil x 180 Lg.....	1
		All parts listed below are for 1 unused run (From fan to drill coupling hose)	
6	N11907	Plastic Cap.....	17
7	N73068	T-Bolt Hose Clamp - 2-3/4 Nom	17

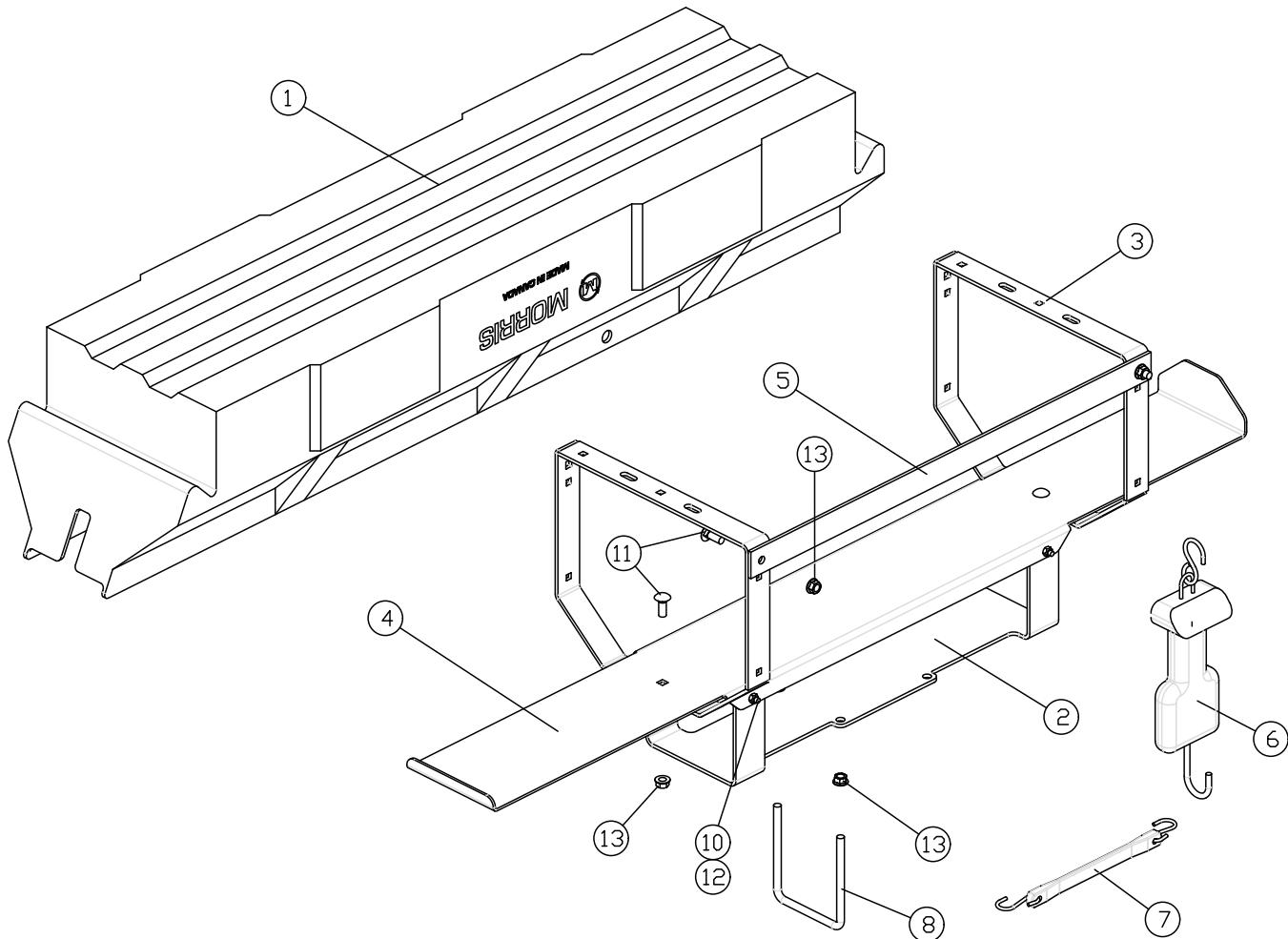
Distribution Pipes Tow Behind - Dual Fan



Distribution Pipes - Tow Behind - Dual Fan

Item	Part No.	Description	Qty
		All parts listed per section below is for 1 individual run (From fan to drill coupling hose)	
1	N70506	Collector Assembly - Tow Behind.....	4
3	N70938	Distribution Pipe - 49 Lg	2
4	N70934	Distribution Pipe - 62 1/2 Lg	4
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 65 Lg	1
9	N72592	2-1/2 Dia Primary Hose - Red Coil x 101 Lg	1
10	N69294	2-1/2 Dia Primary Hose - Black Coil x 60 Lg	1
11	N72592	2-1/2 Dia Primary Hose - Red Coil x 60 Lg.....	1
12	N69294	2-1/2 Dia Primary Hose - Black Coil x 180 Lg.....	1
13	N72592	2-1/2 Dia Primary Hose - Red Coil x 180 Lg.....	1
		All parts listed below are for 1 unused run (From fan to drill coupling hose)	
14	N11907	Plastic Cap.....	18
15	N73068	T-Bolt Hose Clamp - 2-3/4 Nom.....	18

Metering Calibration Tray

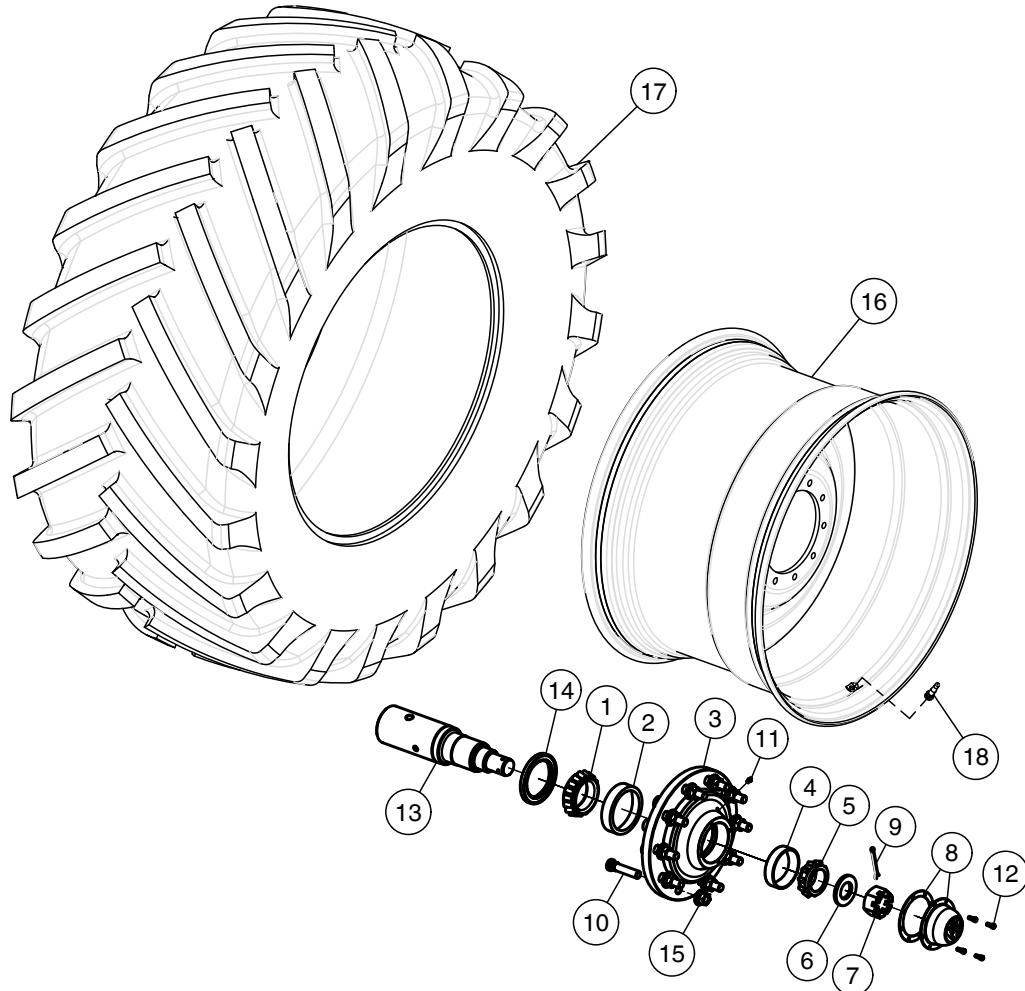


Item	Part No.	Description	Qty
1	N51790	Sample Collection Tray	1
2	N70434	Calbox Mount Base	1
3	N37183	Bracket.....	2
4	N51789	Retainer Plate - Sample Tray.....	1
5	N37829	Sampe Tray Strap	1
6	N42220	Digital Hanging Scale	1
7	N19563	Tarp Strap - 10"	1
8	N15098	U-Bolt - 3/8 x 4 x 4 UL	2
9	G69983	Pbag-10S - Sample Collector Tray - (Includes Items Below) Whole Goods Only	1
10	D-5258	Carriage Bolt - 1/4 x 3/4 Lg.....	4
11	P7C616	Carriage Bolt - 3/8 x 1 Lg.....	4
12	N22778	Locknut - 1/4 Nylon Insert.....	4
13	S27987	Locknut - 3/8 Flange	8
	N70435	Calibration Tray Assembly - (Includes All Above Items) Whole Goods Only	

Section 5: Wheel & Hub

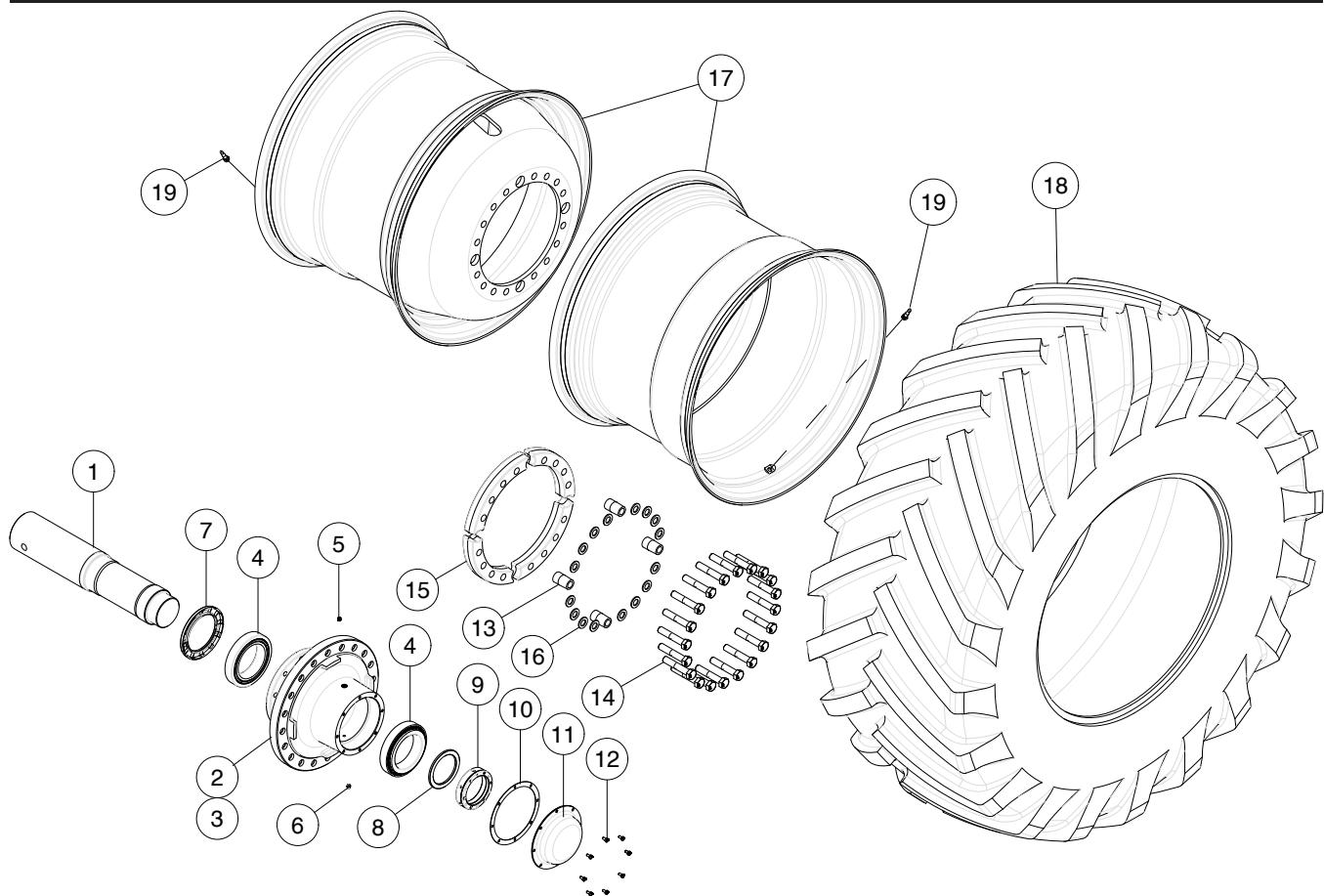
Hub & Tire	5-2
Front Axle	5-2
Rear Axle.....	5-3

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 - (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	

Hub & Spindle Rear Axle



Item	Part No.	Description	Qty
1	N71039	* Quantities Listed Are For One Axle	1
2	N71040	Spindle	1
3	N71041	Hub Assembly - 20 Bolt - 65,000 lb - (Includes Items 3 to 6).....	1
4	N71042	Hub Casting - 20 Bolt - 65,000 lb.....	1
5	N71043	Bearing Assembly	2
6	C-304	Relief Fitting	1
7	N71038	Grease Fitting.....	1
8	N71037	Dust Seal	1
9	N71036	Washer.....	1
10	N71034	Lock Nut.....	1
11	N71044	Dust Cap Gasket.....	1
12	N71044	Dust Cap	1
13	N71033	Bolt - M8 x 16 mm	8
14	N71469	Hub Adapter Alignment Bushing	4
15	N71471	Hex Bolt - M24-3.00 x 130mm Lg Gr10.9.....	20
16	N71473	Hub Adapter Spacer Segment	4
17	N71476	Washer M24 Hardened	16
18	N71470	Rim - 38 x DW27B - Dual - (20 bolt)	2
	N71251	Rim - 42 x DW27B - Dual - (20 bolt)	2
19	N71474	Tire - VF800/70R38 - (660 and 820 Standard).....	2
	N71253	Tire - IF900/60R42 CFO - SFT - Mitas - (820 Optional - 1050 Standard).....	2
	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

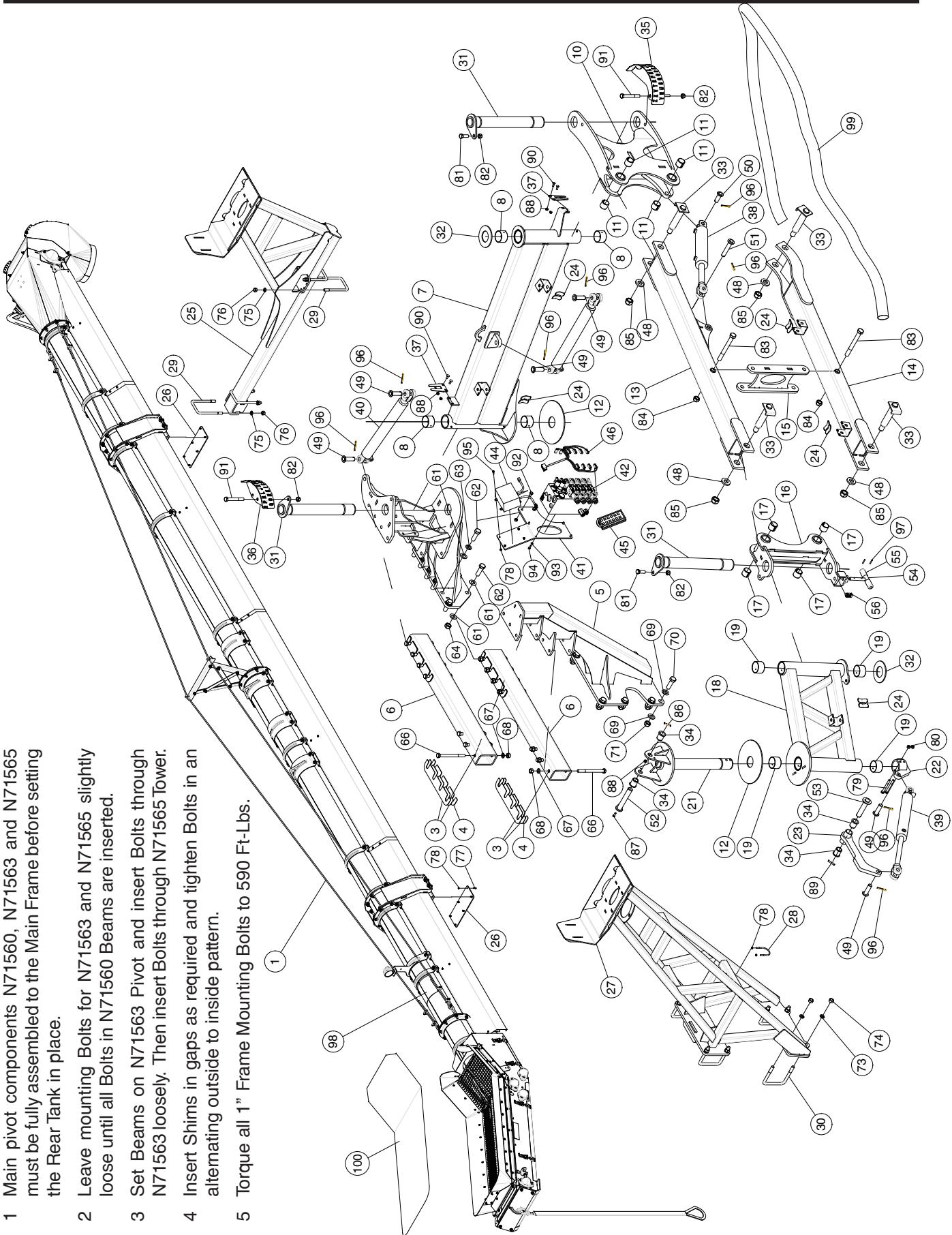
Notes

Section 6: Conveyor

Section Contents

Conveyor System - N69963.....	6-2
Arms.....	6-2
Control Kit - N70530.....	6-5
Conveyor Assembly	6-6
Hopper Assembly.....	6-12
Hopper Screen Kit.....	6-14
Hopper Containment	6-16
Swivel Hood Discharge.....	6-17
Hydraulics	6-18

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.

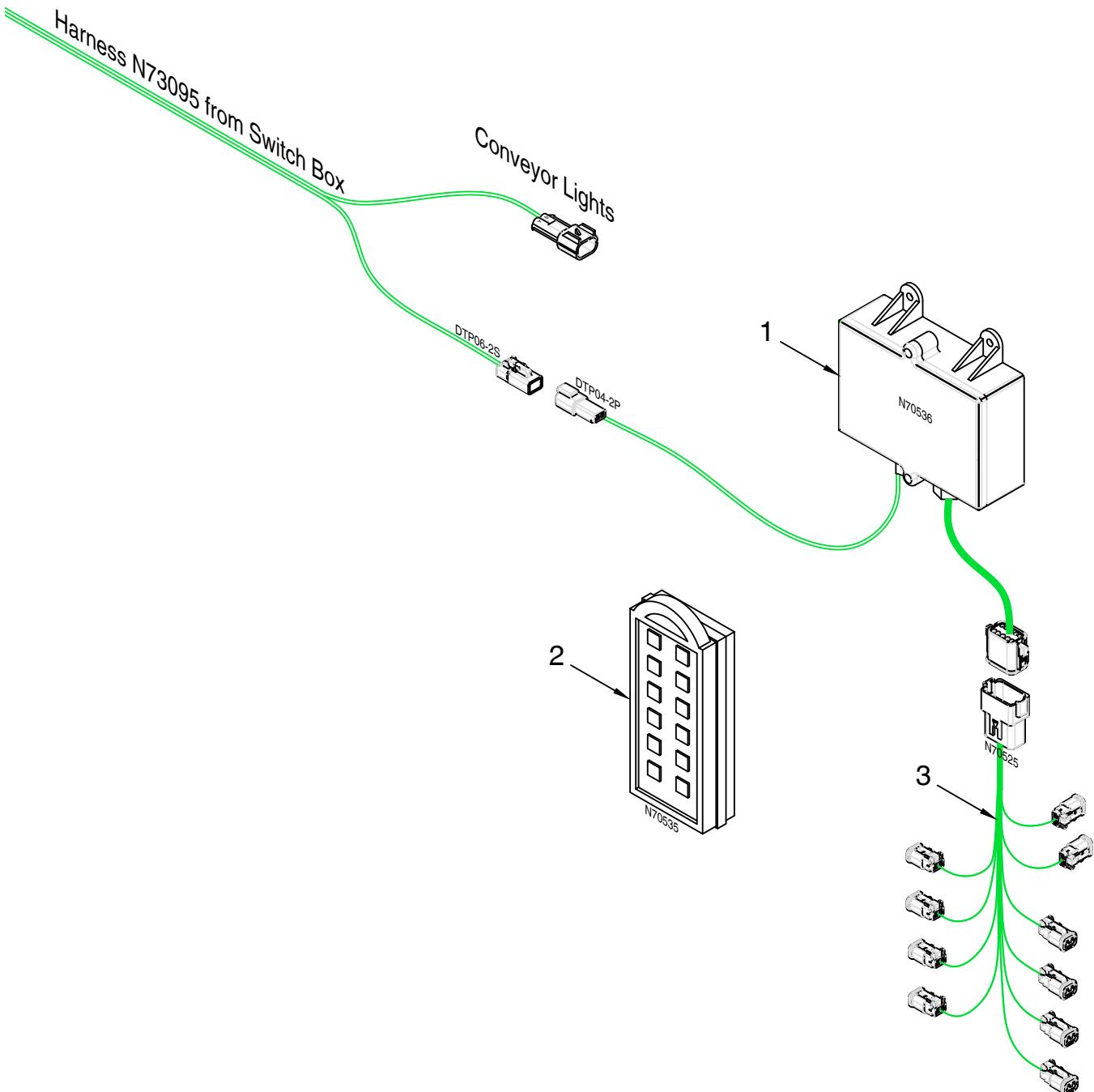
Conveyor System - Arms

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	6
50	W-558	Pin - 1 x 2 1/4 UL	1
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

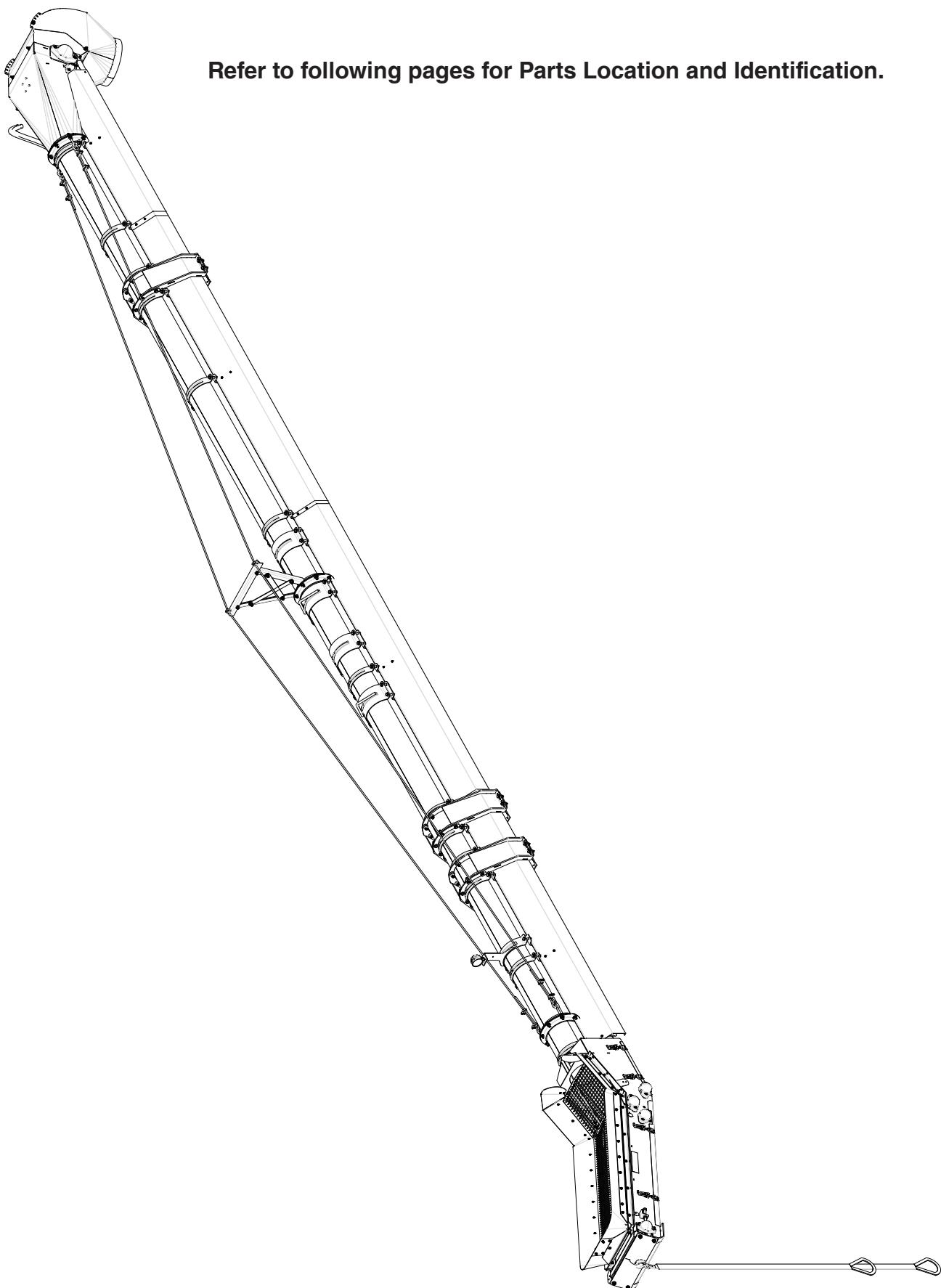
Item	Part No.	Description	Qty
56	N37638	Spring.....	1
57	G69946	Pbag-10S-Con-Pivot-Brkt - (Includes Items Below) Whole Goods Only	1
58	N11621	Hex Head Bolt - 3/4 x 8 1/2 Lg	8
59	W-527	Lockwasher - 3/4.....	8
60	W-518	Hex Nut - 3/4	8
61	D-5498	Flat Washer - 1 1/16 ID x 2 OD x 11 Ga.....	12
62	J12344	Hex 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	C-3919	Hex Bolt - 3/4 x 5 1/2 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

Conveyor System Control Kit - N70530



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

Conveyor Assembly



Refer to following pages for Parts Location and Identification.

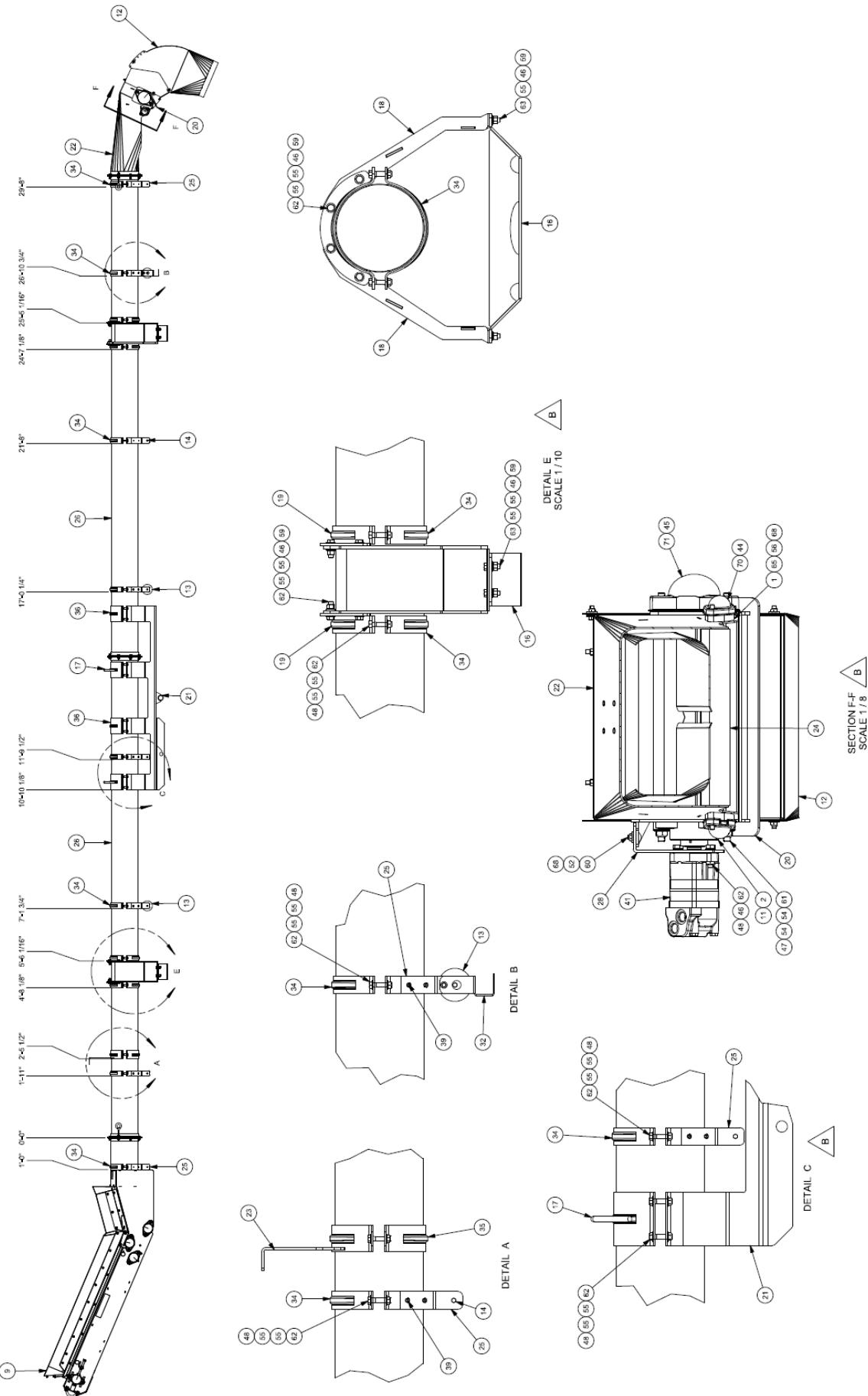
Conveyor - Assembly

Item	Part No.	Description	Qty	
		Refer to following pages for Parts Location and Identification.		
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	1930000041	Hydraulic Motor - Series 2000 - 11.9 cu.in. - 104-1026-006	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	

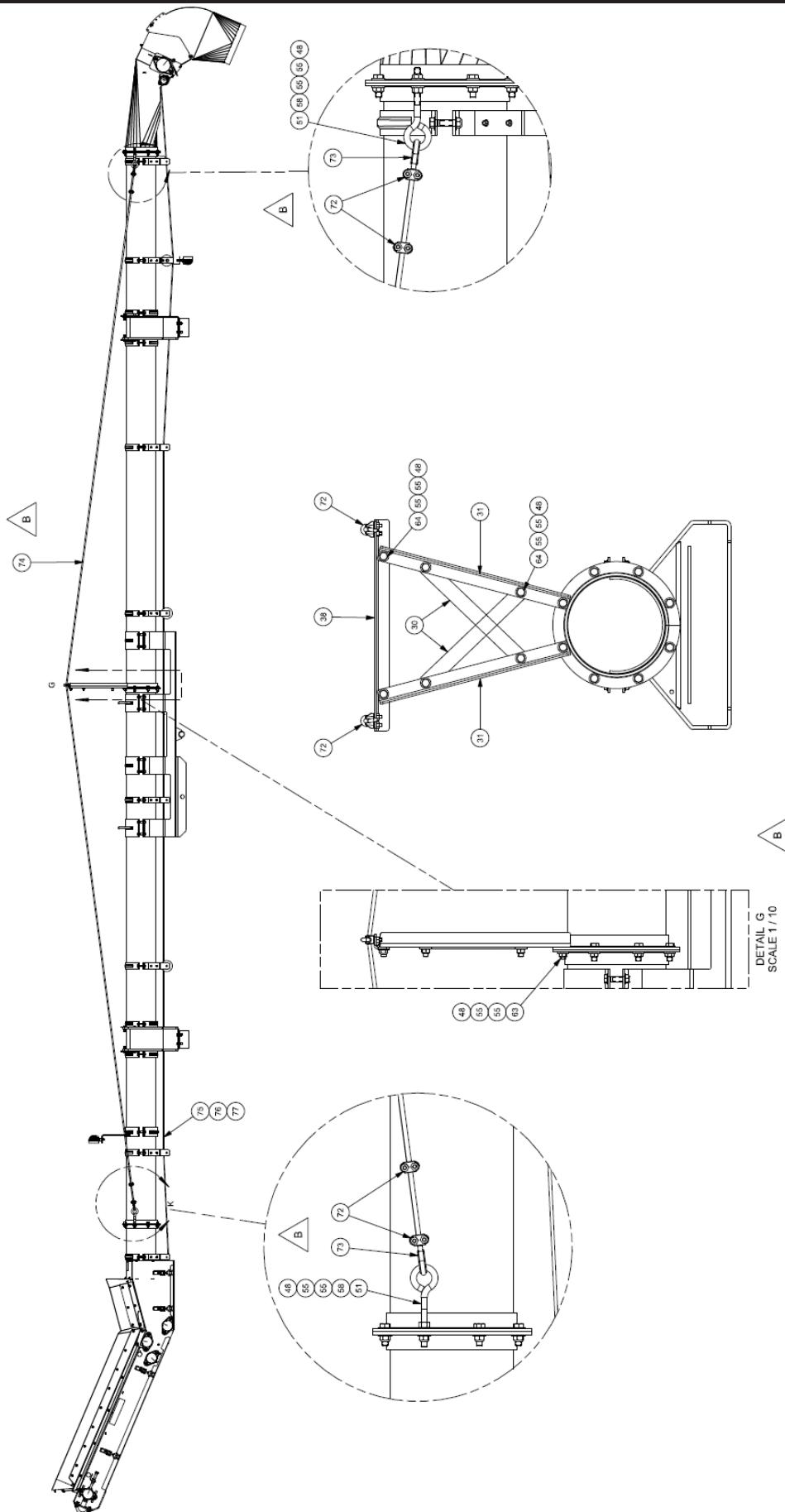
Conveyor - Assembly

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

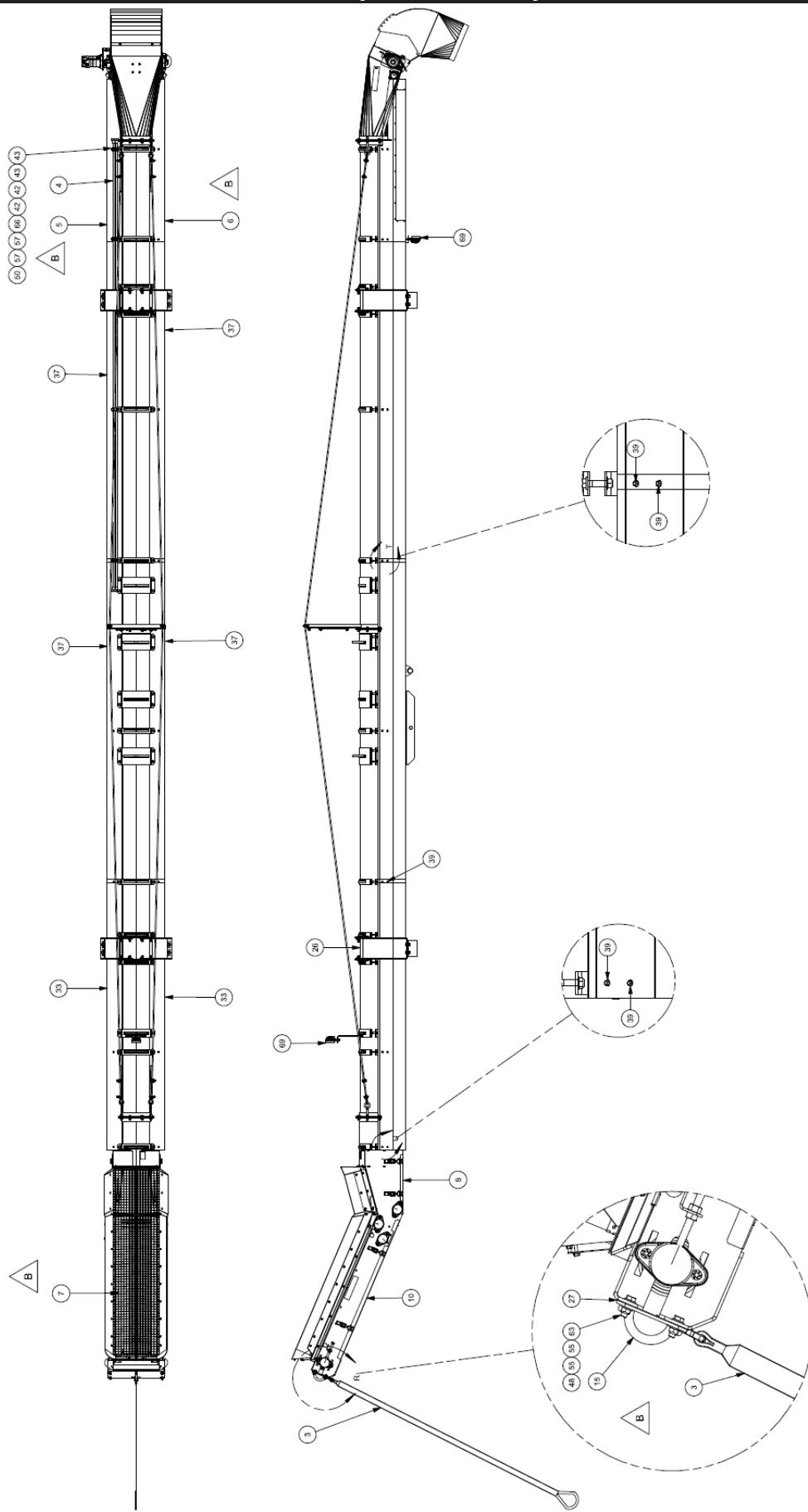
Conveyor - Assembly



Conveyor - Assembly

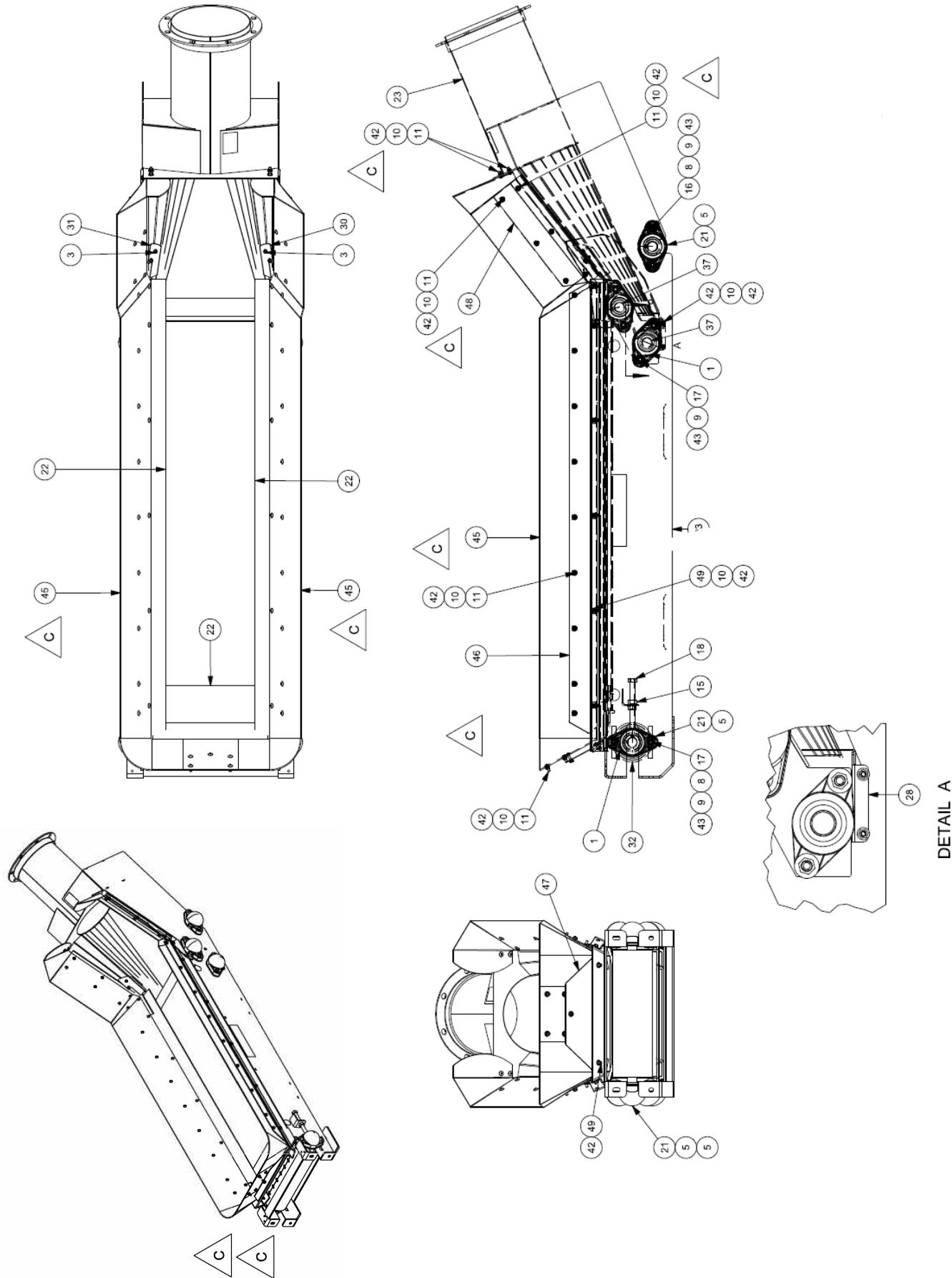


Conveyor - Assembly



Conveyor Assembly

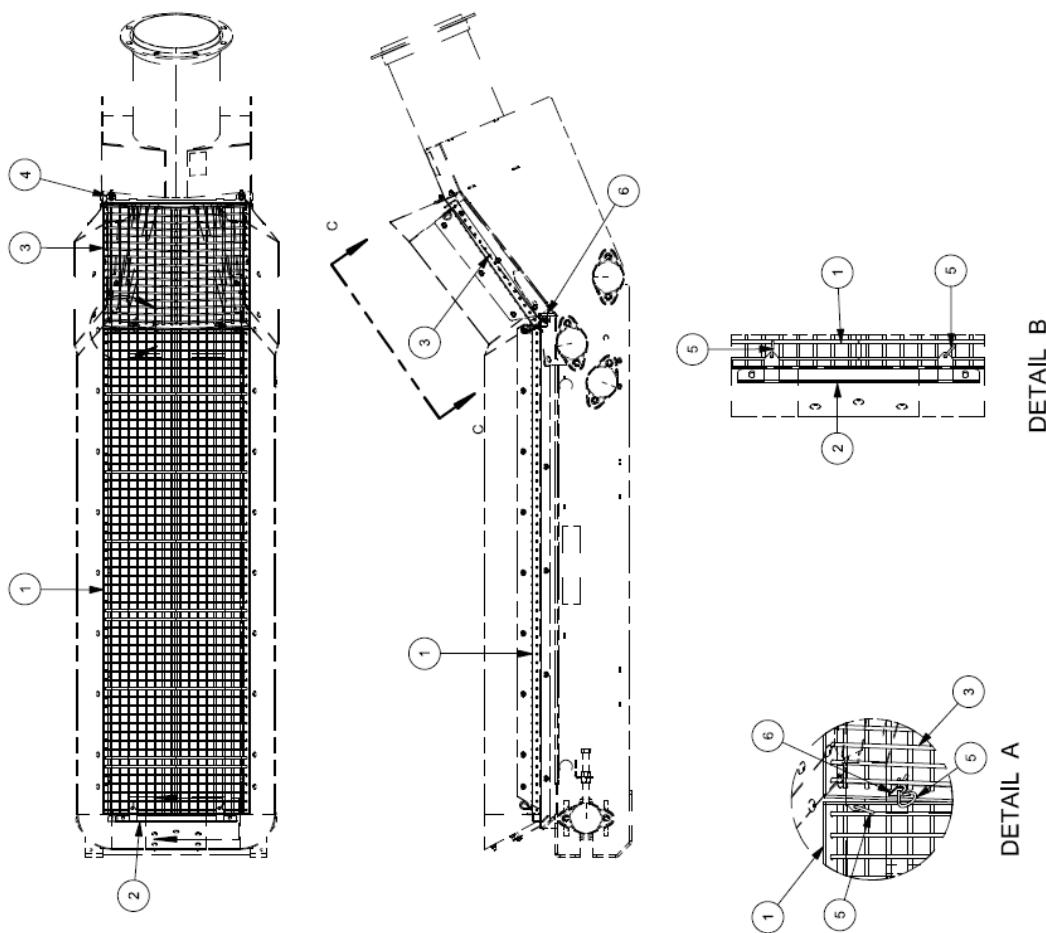
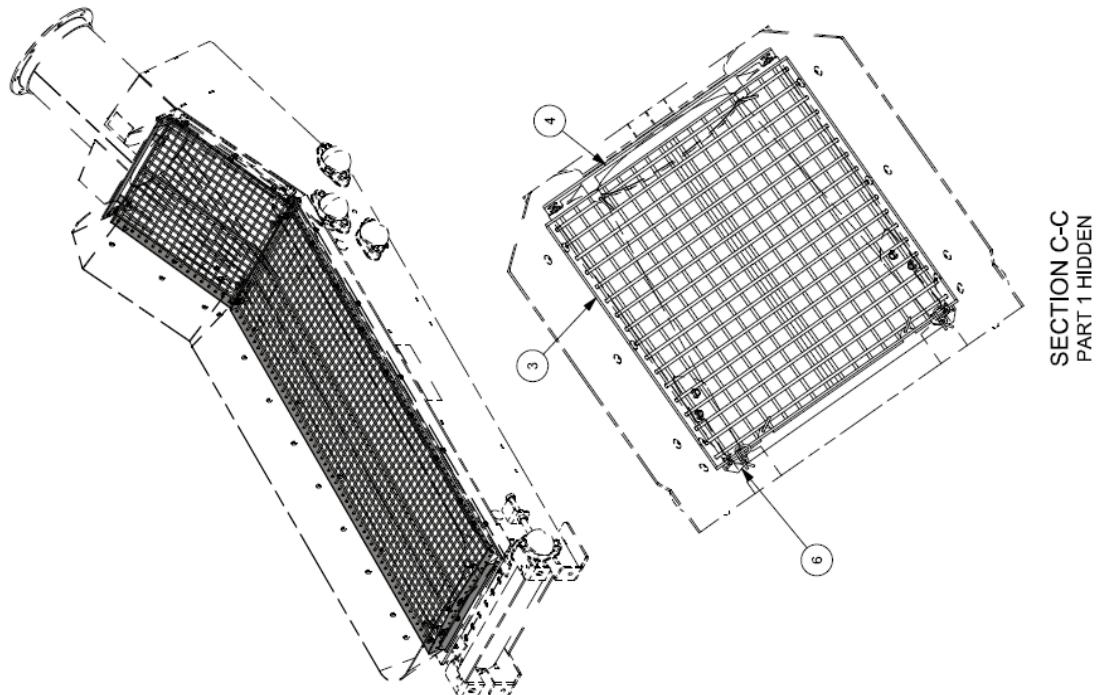
Hopper Assembly



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

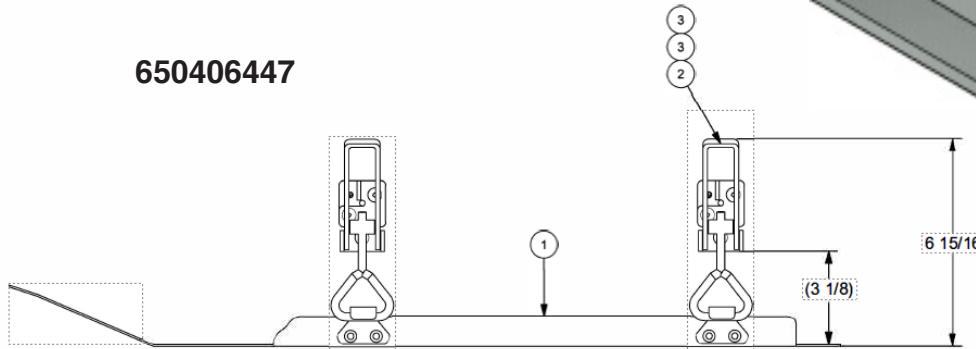


Conveyor - Hopper Screen Kit

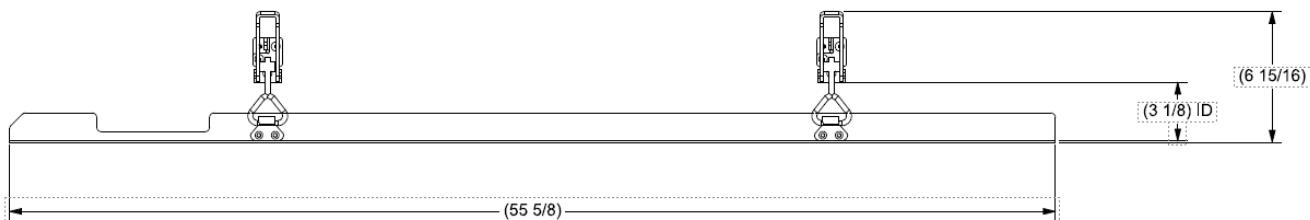
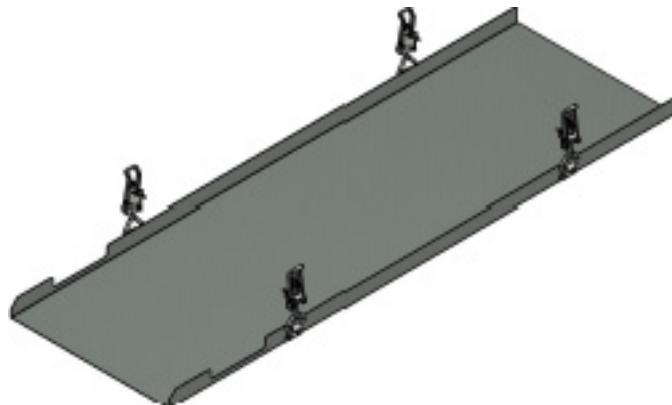
Item	Part No.	Description	Qty
1	650406449	Morris Hopper Screen Assembly	1
2	650122350	Morris Hopper Front Holder	1
3	650406458	Morris Hopper Top Screen	1
4	650122354	Morris Hopper Top Holder	1
5	1611000005	Pin - Hair - #10 - 1/8.....	8
6	650122366	Morris Hopper Screen Holder.....	1

Conveyor Assembly Hopper Containment

650406447

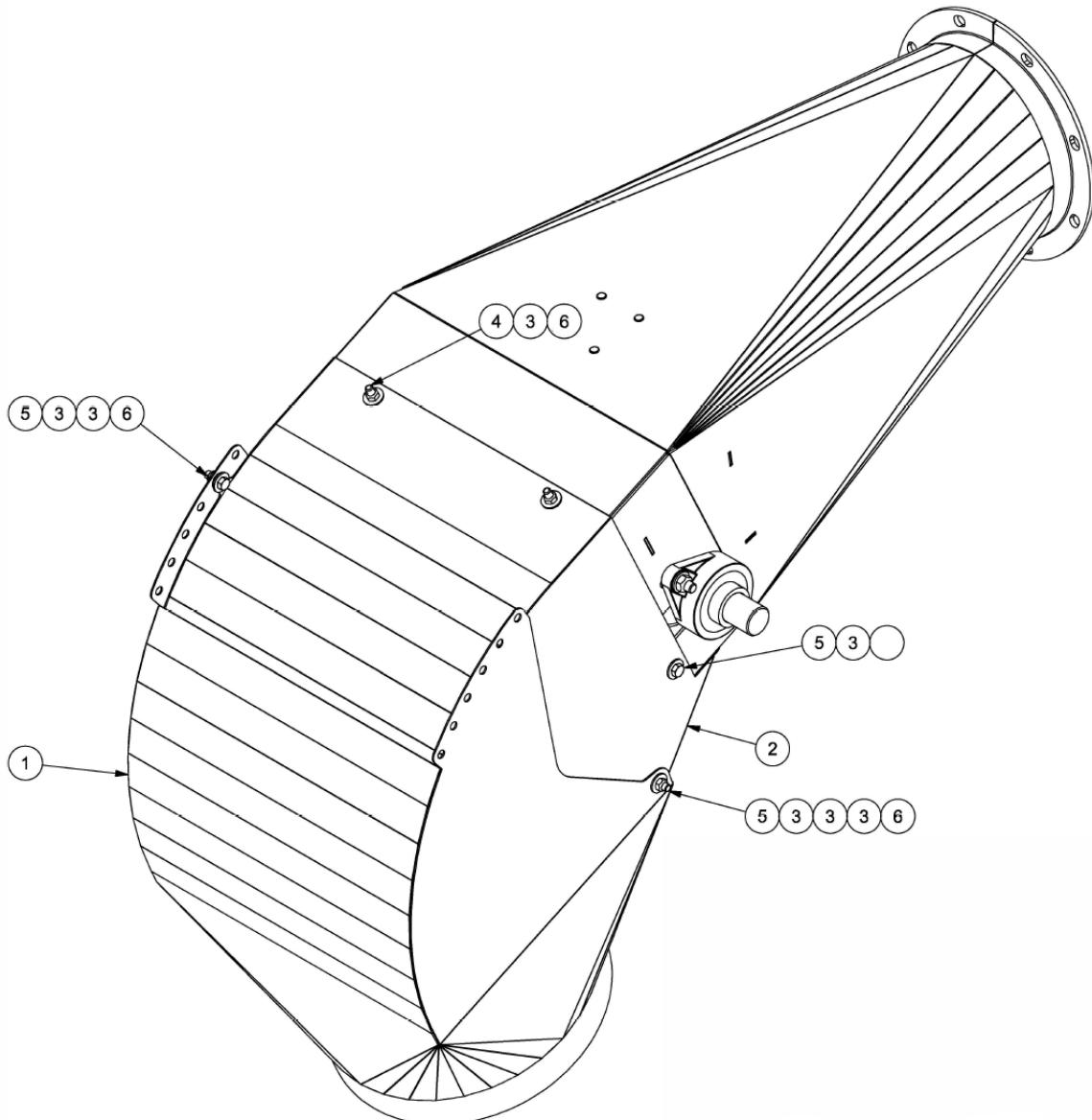


650406399



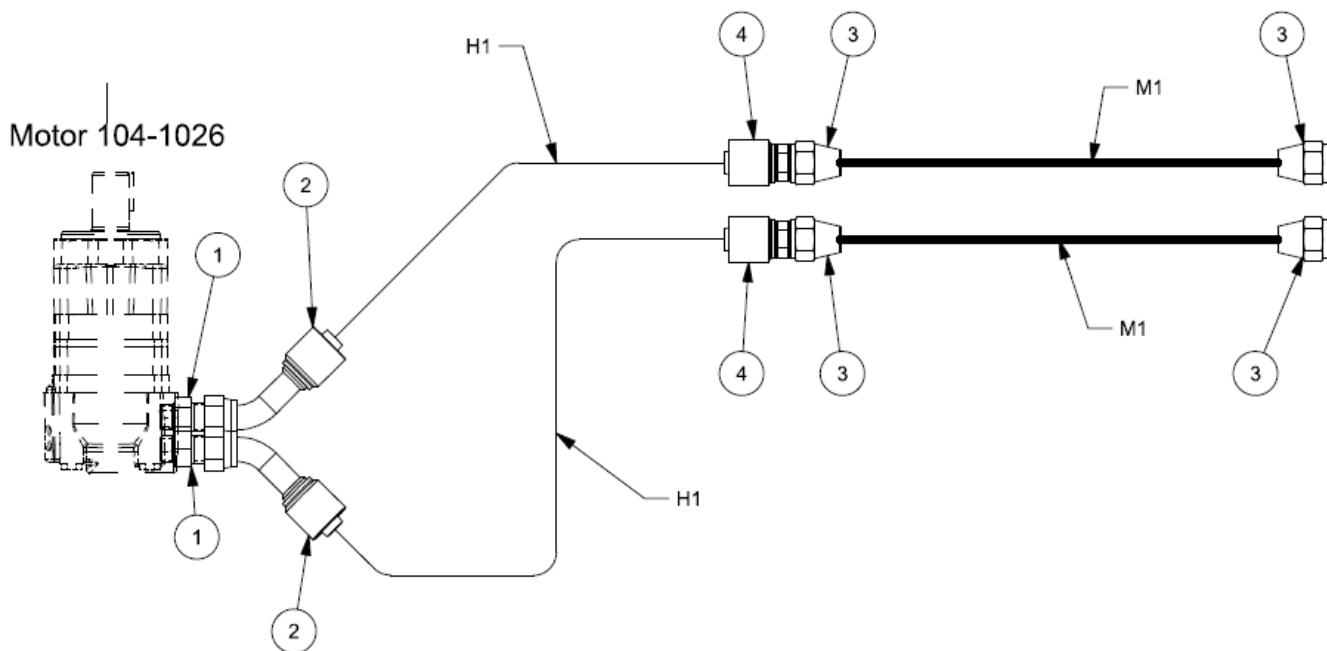
Item	Part No.	Description	Qty
1	650406447	Morris Hopper Rear Containment Weldment	1
	650406399	Hopper Bottom Containment Weldment.....	1
2	27934	Quantities Below are per Weldment	
3	1614000027	Faucer 772-0128 Weldable Latch.....	4
		Self Drilling Screw Flat Washer Head - 10-24 x 3/4 Lg	12

**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 HYO. HOSE 3/4" -32" TO 12WC-12FJX45.....	2
M1		HYO. METAL LINE O.D. 3/4" - 14'	2

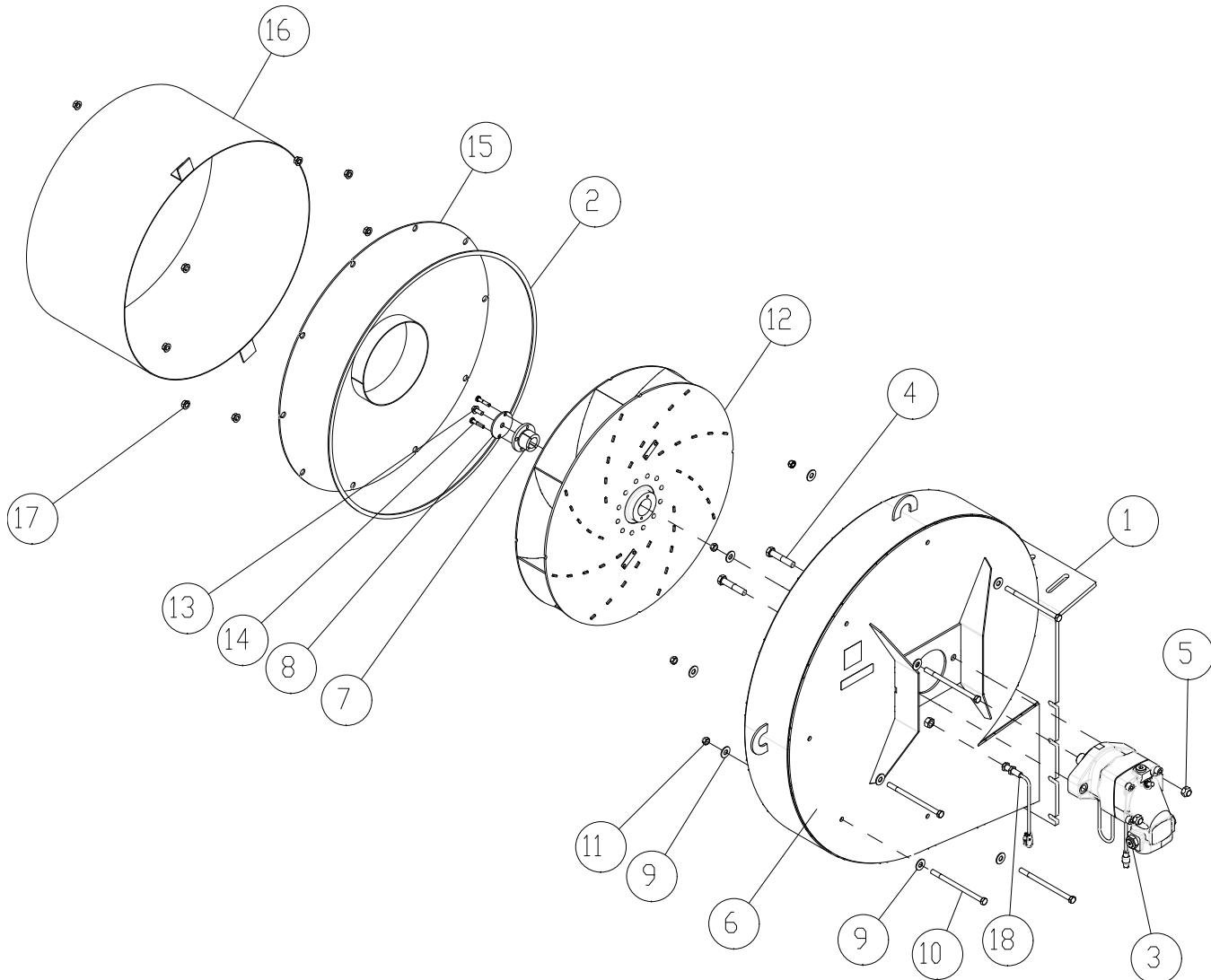
Section 7:

Fan

Section Contents

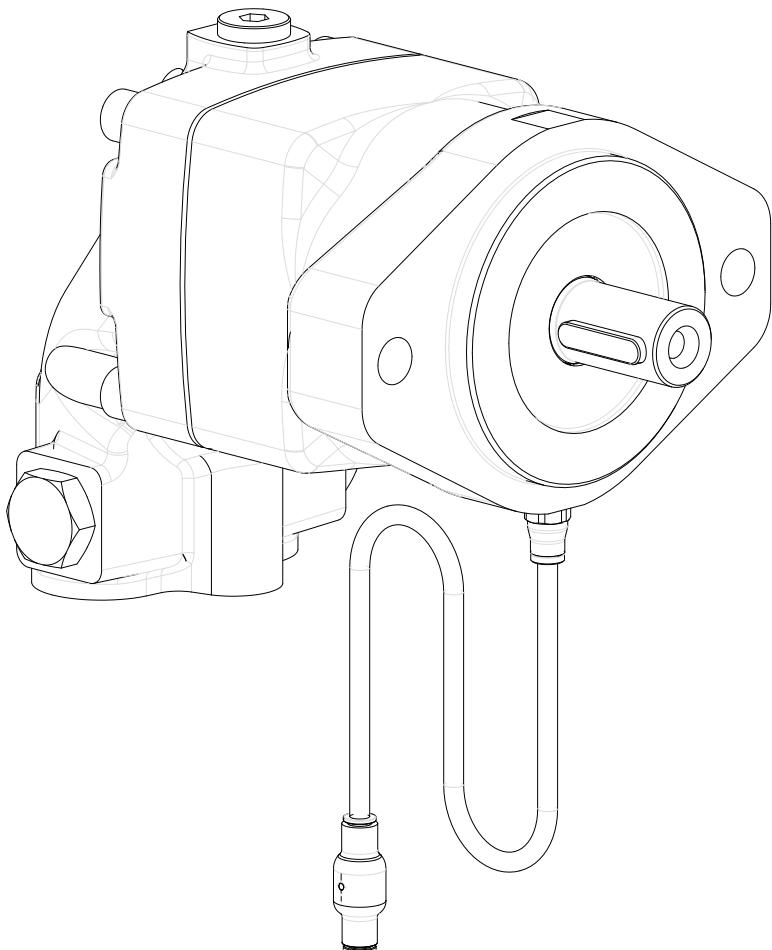
Fan.....	7-2
Fan Assembly	7-2
Orbit Motor	7-3
Fan/Plenum Assembly.....	7-4
Single Fan Assembly	7-6
Tow Between	7-6
Tow Behind	7-8
Sencond Fan Assembly	7-10
Air Guard System	7-11
Hydraulics and Bracket Kit.....	7-11
Cooler Assembly	7-12

Fan Fan Assembly



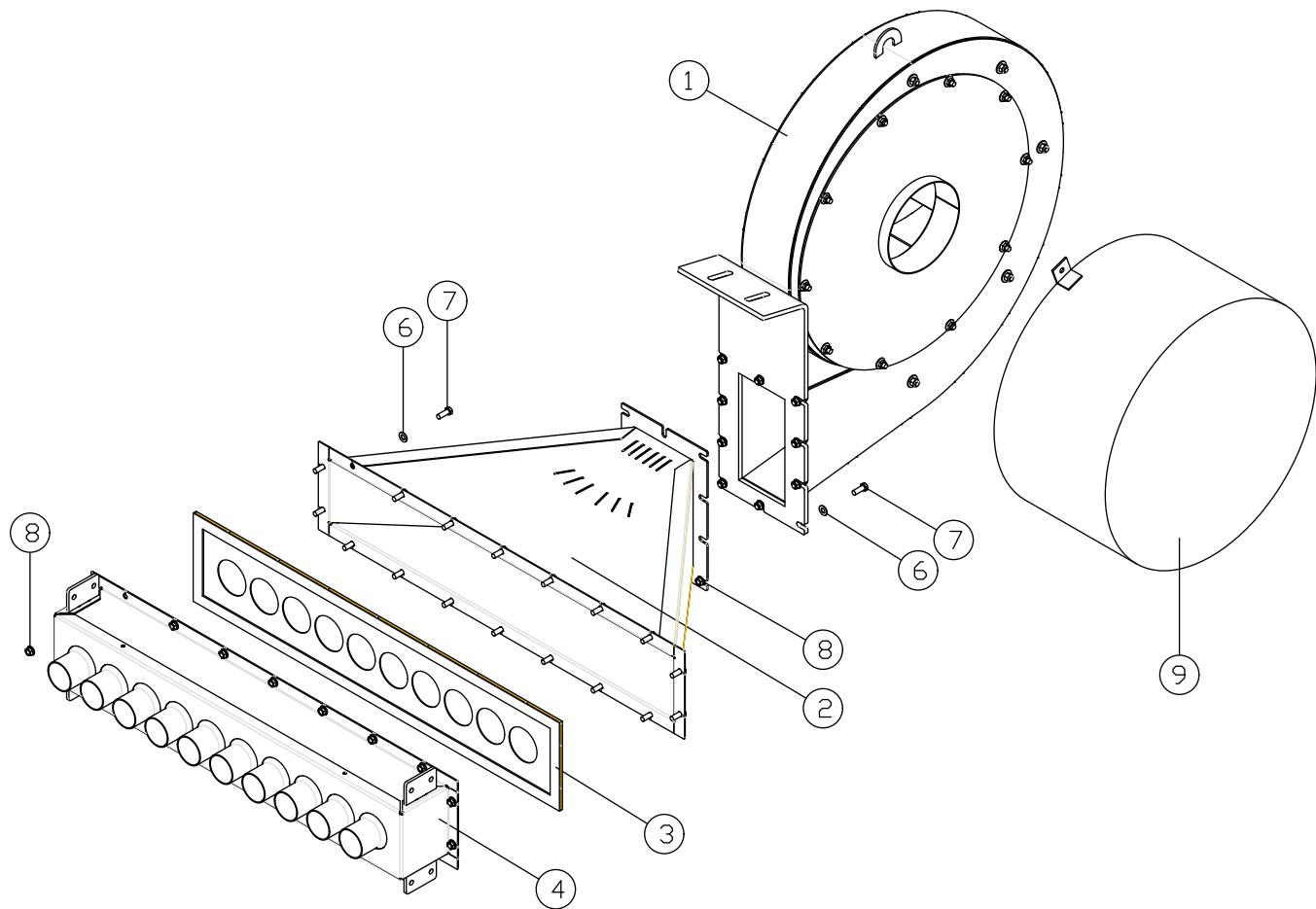
Item	Part No.	Description	Qty
1	N73750	Blower Housing.....	1
2	N73755	Neoprene 1/8" x 3/8" x 6.5Ft.....	1
3	N69870	Parker Orbit Motor - F10 Series - 19cc - 25mm shaft	1
4	W-490	Hex Head Bolt - 1/2 x 2 1/2 Lg.....	2
5	C26701	Locknut - 1/2 Nylon Insert.....	2
6	N73756	Spacer Pipe	5
7	N73753	Split Bushing.....	1
8	N73754	Split 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 - Required Option without Air Guard	1
17	D-5279	Locknut - 3/8 Flange	10
18	N73758	Fan Speed Sensor.....	1
N69970			Fan - (Includes All Items Except Item 16) - (Whole Goods Only)

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

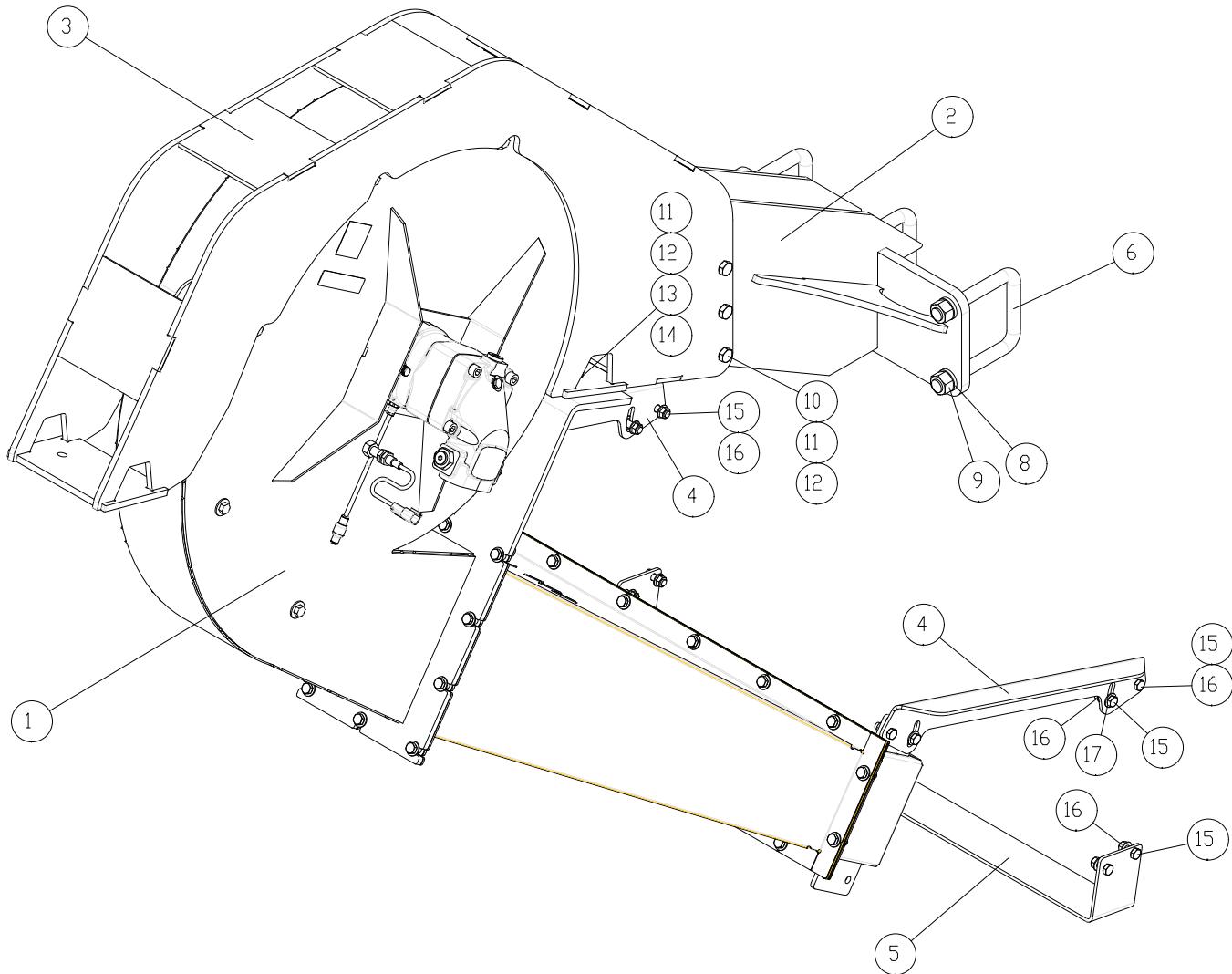
Fan Fan/Plenum Assembly



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 Oultet.....	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

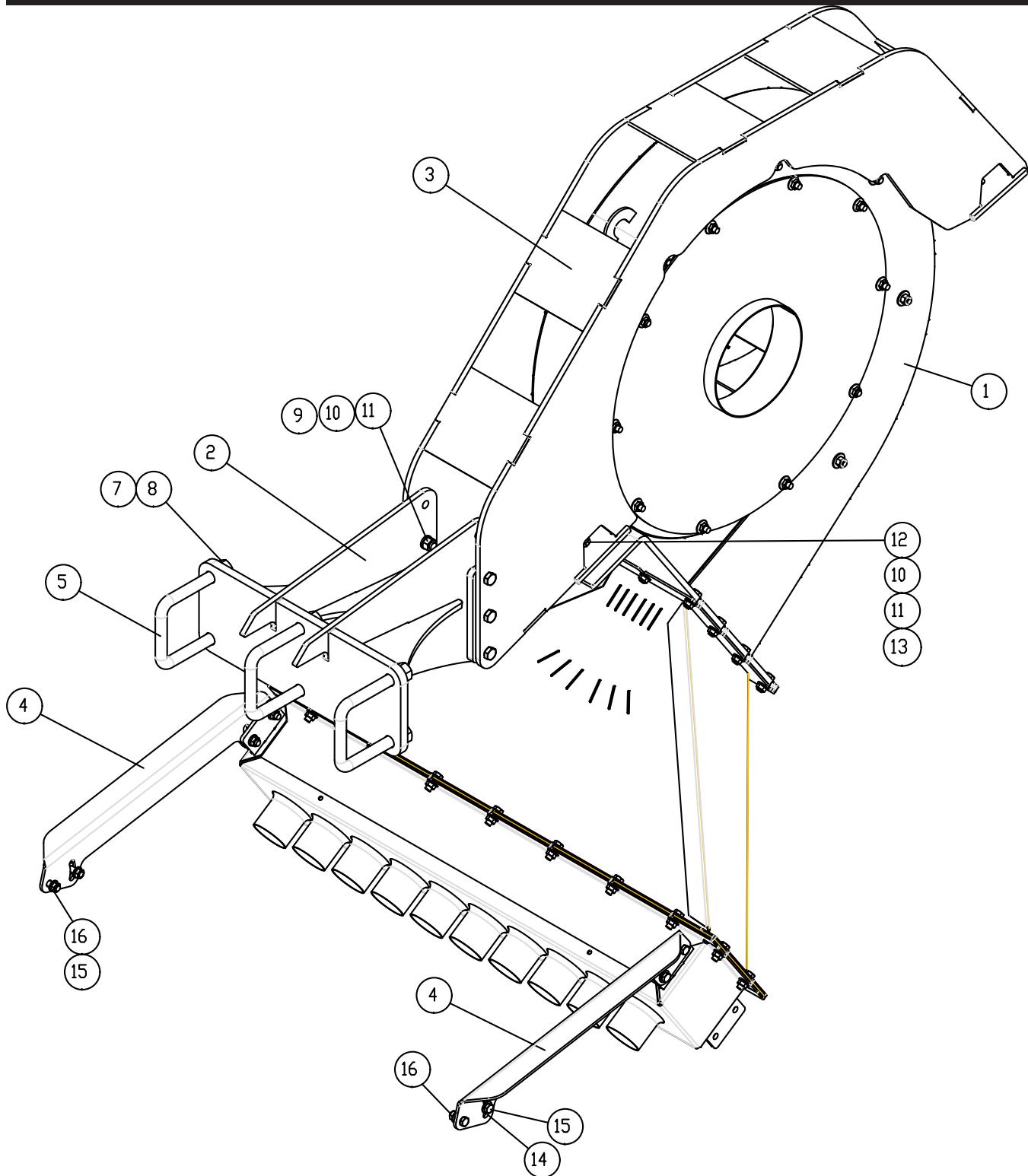
Single Fan Assembly Tow Between



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

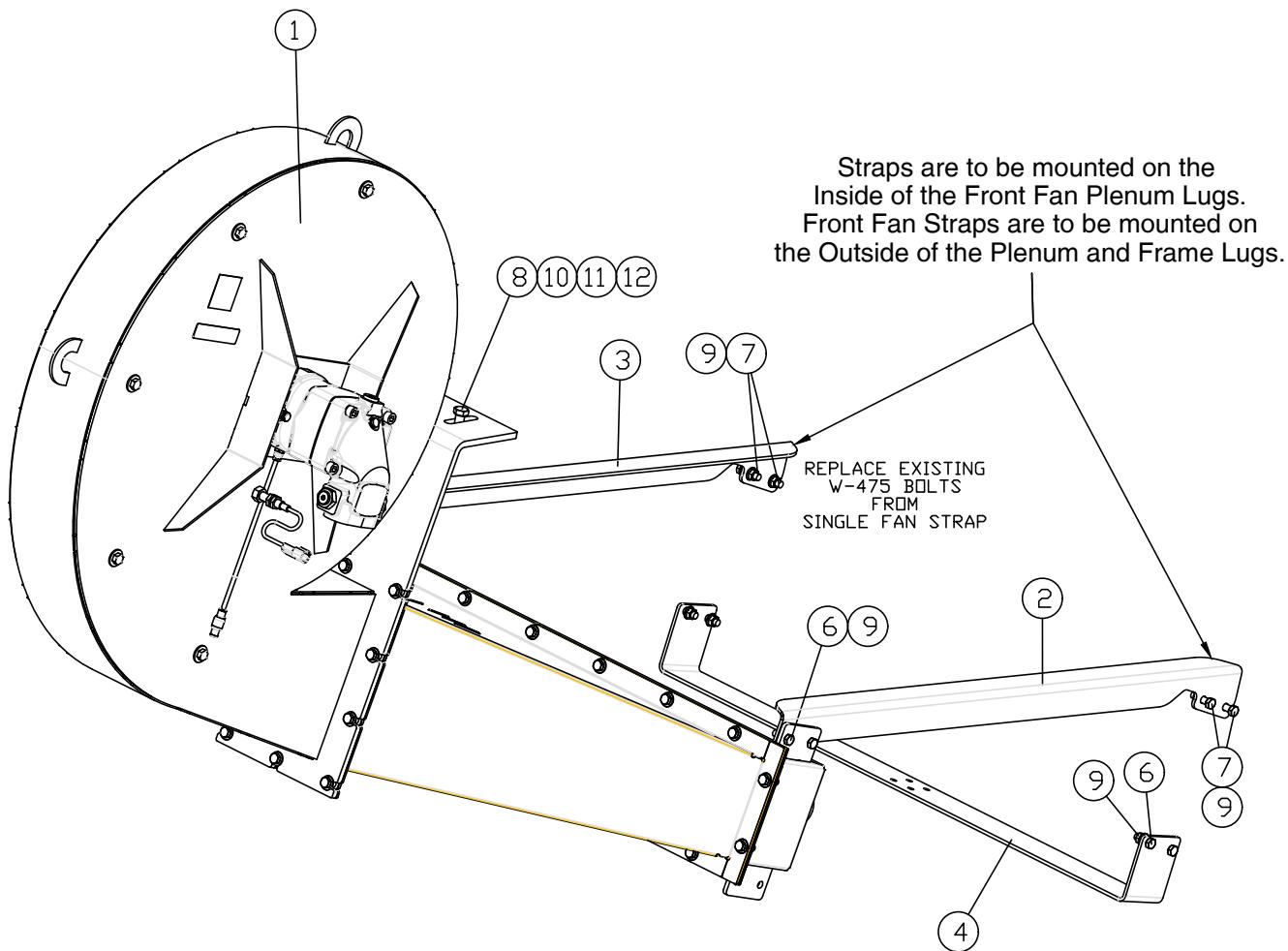
Single Fan Assembly Tow Behind



Single Fan Assembly - Tow Behind

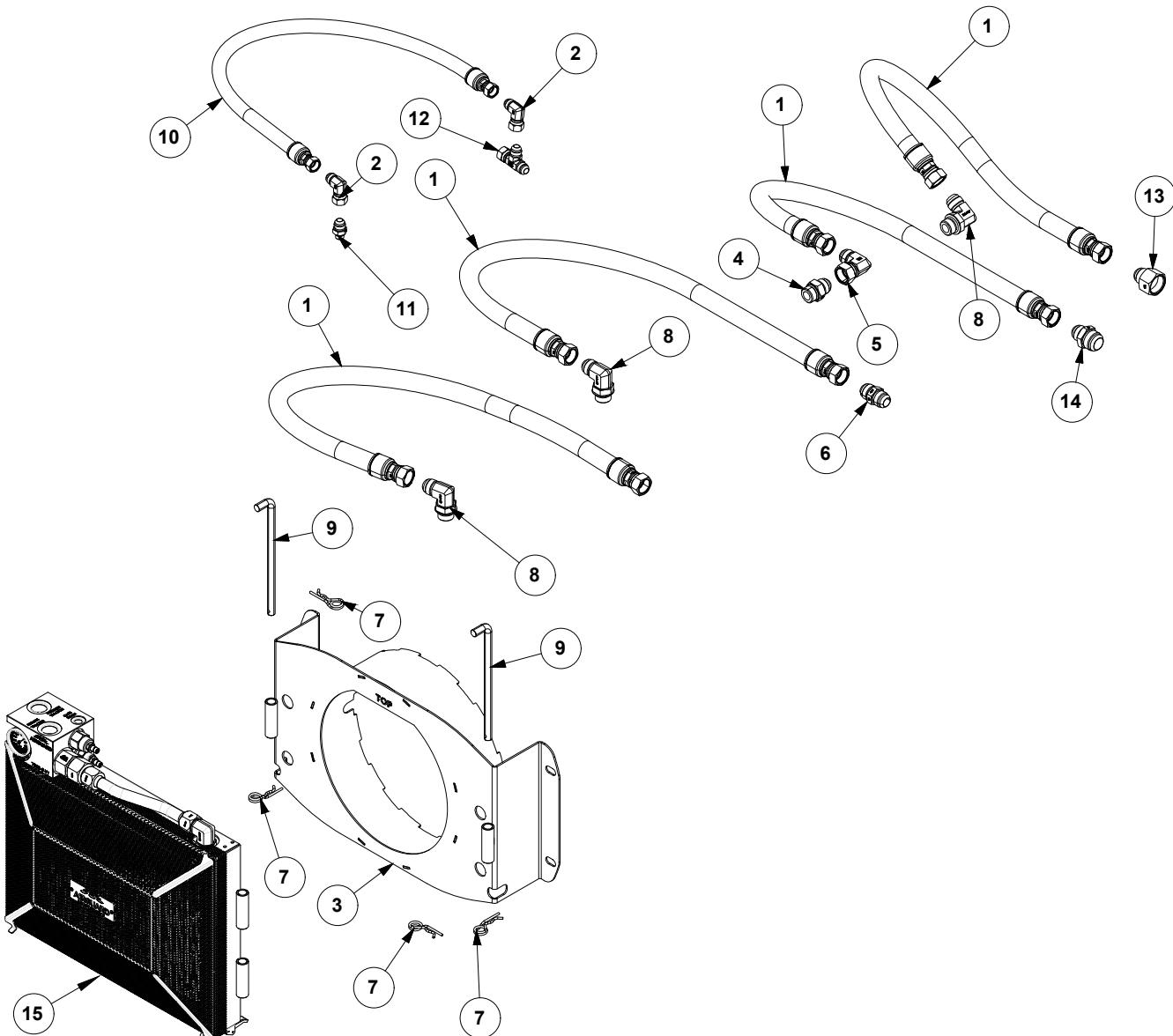
Item	Part No.	Description	Qty
1	N70907	Fan + Plenum Assembly - S3 Mod	1
2	N71021	Fan Mounting Bracket	1
3	N73320	Dual Fan Mount	1
4	N73324	Single Fan Support Strap.....	2
5	C-5561	U-Bolt - 3/4 x 4 x 5 9/16 UL	3
6	G69931	Pbag-10S - Single Fan Bhnd - (Includes Items Below) Whole Goods Only.....	1
7	W-527	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)	

Sencond Fan Assembly



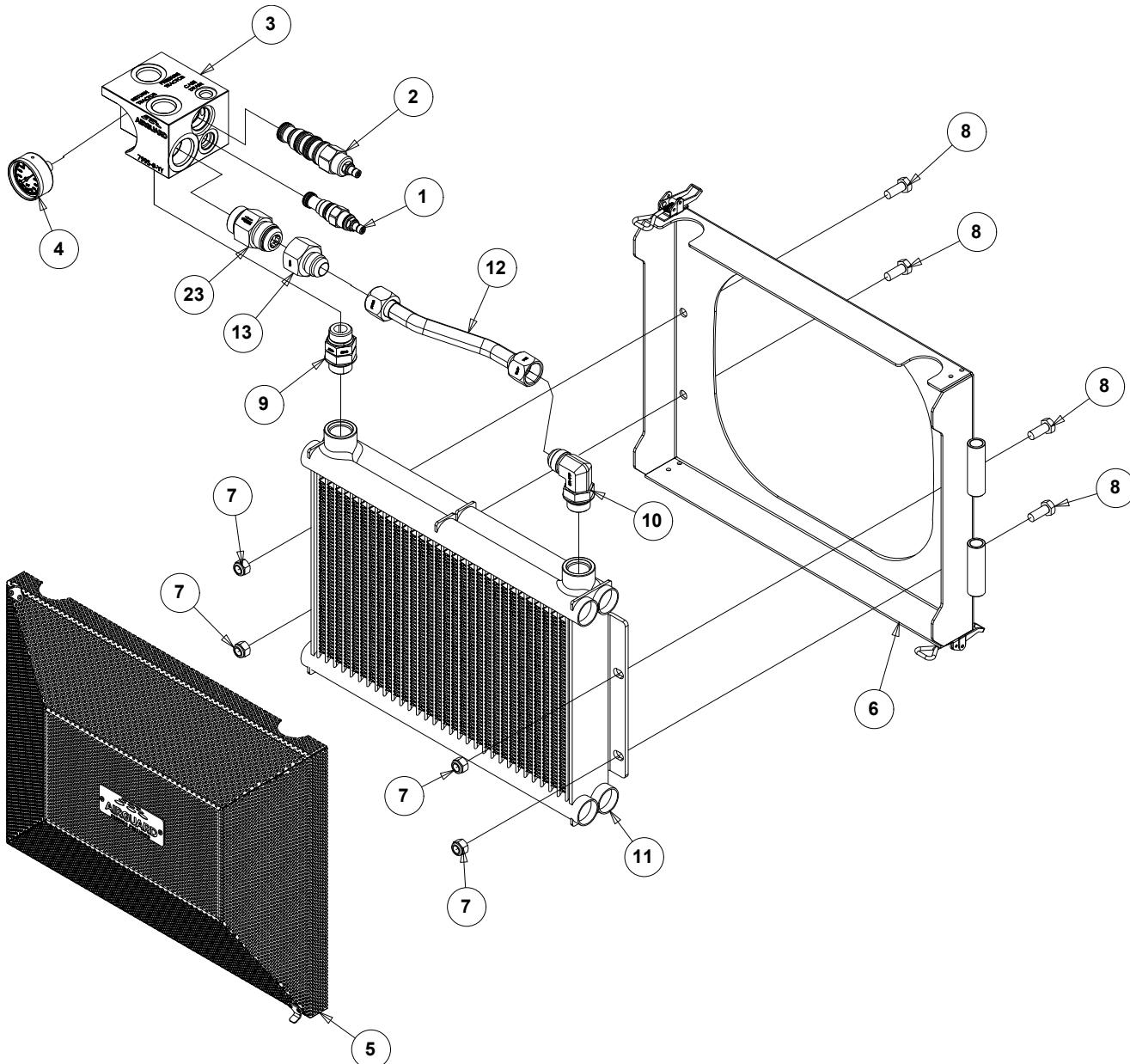
Item	Part No.	Description	Qty
1	N70907	Fan + Plenum Assy - S3 Mod2	1
2	N73322	Dual Fan Strap - Left.....	1
3	N73323	Dual Fan Strap - Right	1
4	N51885	Hose Support Bracket.....	1
5	G69962	Pbag-10S-Second-Fan-Hardware	1
6	W-475	Hex Head Bolt - 3/8 x 1 Lg.....	8
7	W-187	Hex Head Bolt - 3/8 x 1 1/4 Lg.....	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
	N69861	Fan Hydraulic & Bracket Kit: 9562 - fits 1" Hose - S3 228 Fan (Includes Items 1 - 14)	
1	9016	Hydraulic Hose - 3/4 x 60 Lg - 3/4 FJIC x 3/4 FJIC.....	4
2	7686	90 Elbow - 1/2 MJIC x 1/2 FJIC.....	2
3	7619	Mount Bracket - 228 S3 Blower Fan	1
4	7543	Fitting - Straight - 3/4 MJIC x 3/4 MORB	1
5	7539	90 Elbow - 3/4 MJIC x 3/4 FJIC.....	1
6	7538	Fitting - Straight - 3/4 MJIC x 3/4 MJIC.....	1
7	7513	Cotter Pin - 3.5mm.....	4
8	7506	90 Elbow - 3/4 MJIC x 3/4 MORB.....	3
9	7502	Pin for BP Systems.....	2
10	7267	Hydraulic Hose - 1/2 x 60 Lg - 1/2 FJIC x 1/2 FJIC.....	1
11	7264	Fitting - Straight - 1/2 MJIC x 3/8 MORB	1
12	7263	Fitting - Tee - 1/2 MJIC x 1/2 MJIC x 1/2 FJIC Swivel	1
13	7238	Fitting - Straight - 3/4 MJIC x 1 FJIC	1
14	7237	Fitting - Straight - 3/4 MJIC x 1 MJIC	1
15	N69860	Cooler - 7995 - See next page for details	1

Air Guard System Cooler Assembly



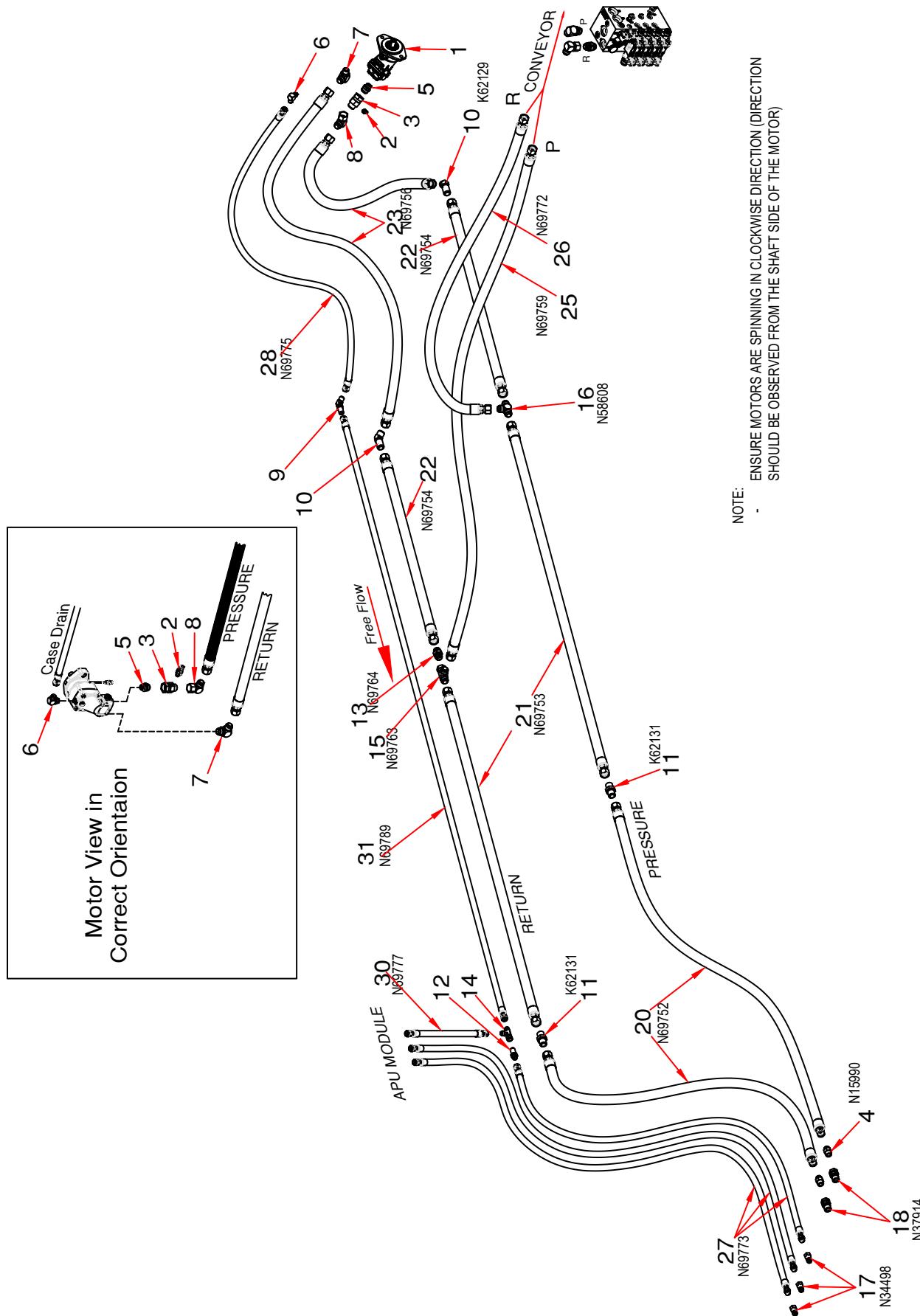
Item	Part No.	Description	Qty
	N69860	Cooler - 7995 - (Includes All Items Below)	
1	7998	Relief Cartridge	1
2	7997	Logic Cartridge	1
3	7994	BP System Manifold V2	1
4	7603	Pressure Guage - 2.....	1
5	7568	Mesh Screen - BP System.....	1
6	7546	Main Bracket - BP System	1
7	7516	Locknut - 10mm GR 8.8	4
8	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

Section Contents

Tow Behind Hydraulics.....	8-2
Single Fan with Conveyor.....	8-2
Dual Fan with Conveyor	8-4
No Conveyor	8-6
Cross Tillage Kit	8-8
Tow Between Hydraulics.....	8-10
Single Fan with Conveyor.....	8-10
Dual Fans with Conveyor.....	8-12
No Conveyor	8-14
Conveyor Hydraulics.....	8-16
Arms.....	8-16
Valve Block - N70485	8-18

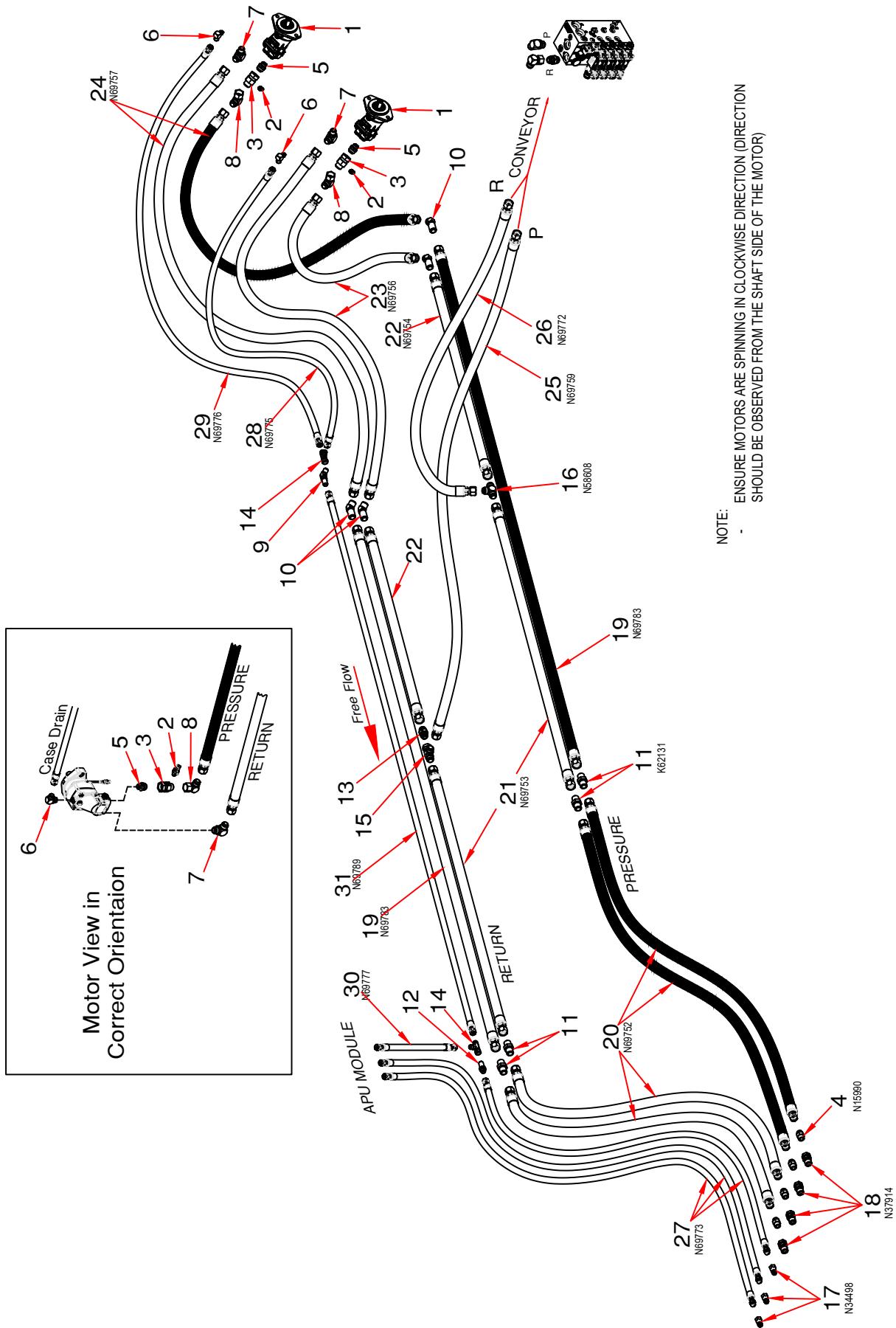
Tow Behind Hydraulics Single Fan with Conveyor



Tow Behind Hydraulics - Single Fan with Conveyor

Item	Part No.	Description	Qty
1		Orbit Motor - Fan	1
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	N58616	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	N69764	Check Valve - 1 5/16-12 MJIC (#16).....	1
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
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
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
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			
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

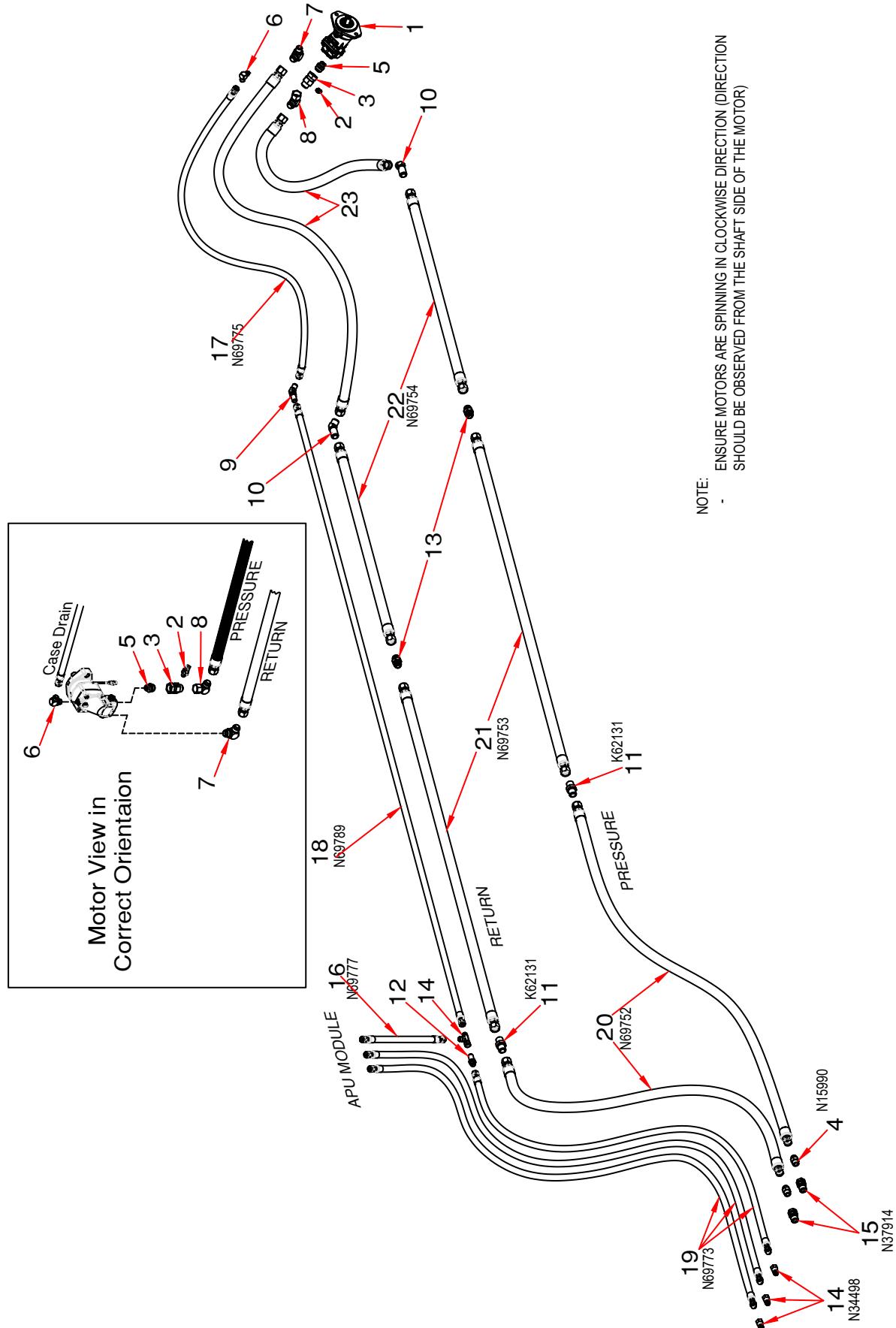
Tow Behind Hydraulics Dual Fan with Conveyor



Tow Behind Hydraulics - Dual Fan with Conveyor

Item	Part No.	Description	Qty
1		Orbit Motor - Fan	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	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	N58616	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).....	4
11	K62131	Bulk Head Union - 1 5/16-12 MJIC (#16)	4
12	N69806	Bulk Head Union - 7/8-14 MJIC (#10)	1
13	N69764	Check Valve - 1 5/16-12 MJIC (#16).....	1
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
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
19	N69783	Hyd Hose - 1 x 290 Lg - 1 5/16-12 FJIC (#16)	2
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
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

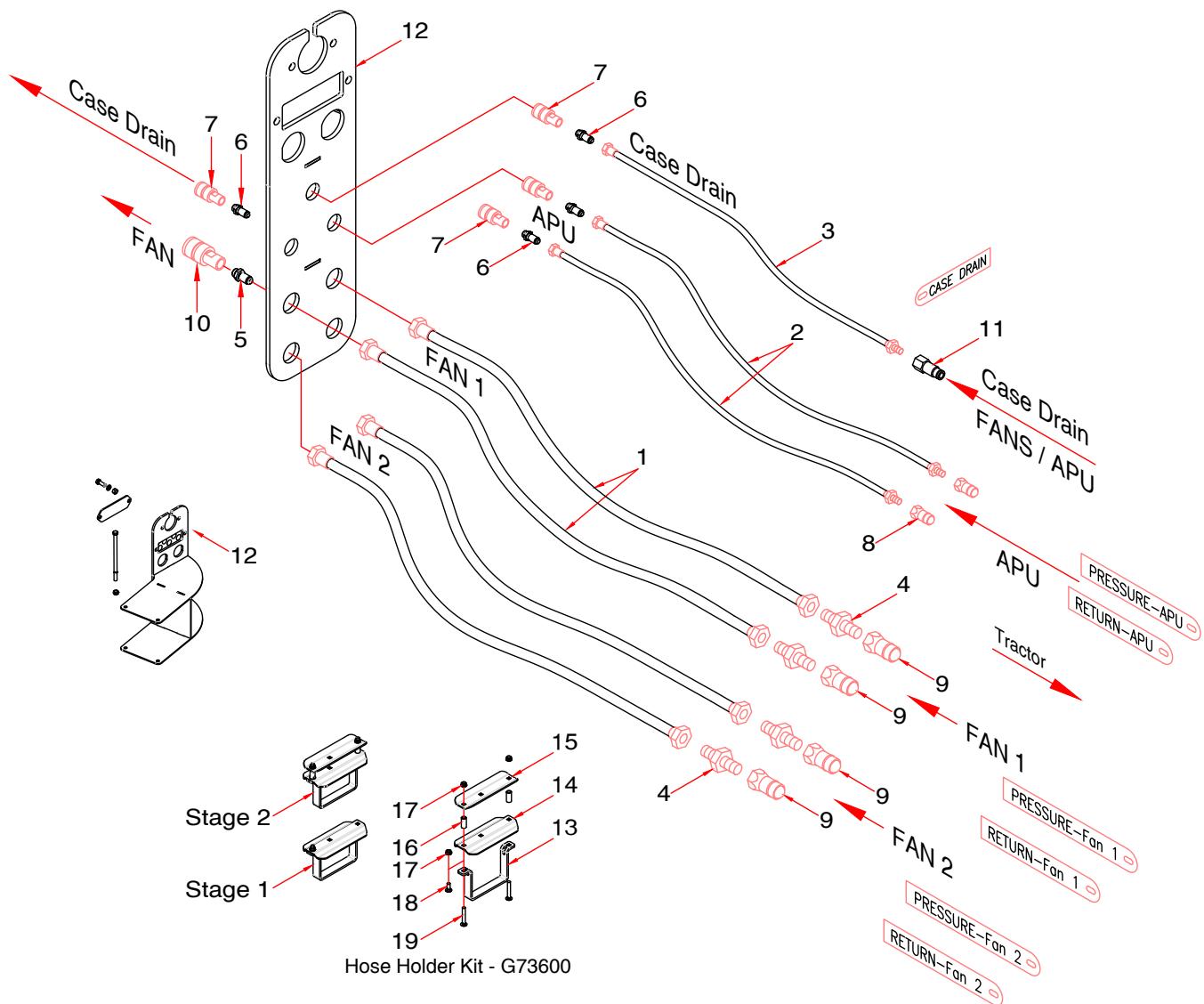
Tow Behind Hydraulics No Conveyor



Tow Behind Hydraulics - No Conveyor

Item	Part No.	Description	Qty
1		Orbit Motor - Fan	1
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	N58616	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
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
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
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
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

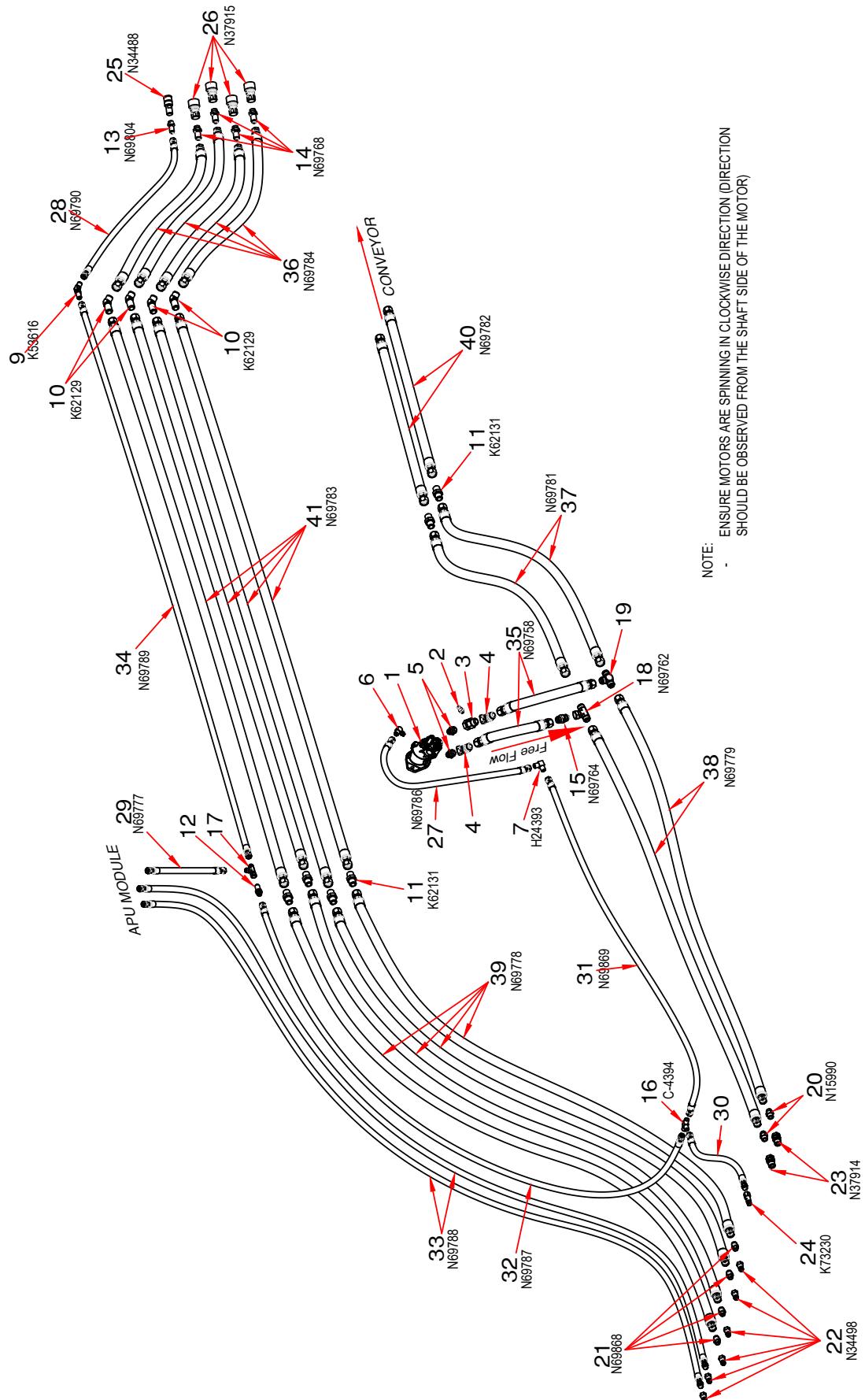
Tow Behind Hydraulics Cross Tillage Kit



Tow Behind Hydraulics - Cross Tillage Kit

Item	Part No.	Description	Qty
1	N69802	Hydraulic Hoses - Cross Tillage (KIT - N69801) Hyd Hose - 1 x 520 Lg - 1 1/16-12 FJIC (#12)	4
2	N69803	Hyd Hose - 1/2 x 520 Lg - 7/8-14 FJIC (#10) x 7/8-14 MORB (#10)	2
3	N69873	Hyd Hose - 1/2 x 520 Lg - 7/8-14 FJIC (#10) x 3/4 -16 MORB (#08)	1
		Hydraulic Fittings - Cross Tillage (KIT - N69801)	
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
		Misc. Items - Polybag # G69903	
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	S69855	Bracket - Bulk Head - Only in 80ft structure G73131	1
		Hose Holder Kit - G73600	
13	S73602	Hitch Hose Holder - Clamp	4
14	S73603	Hitch Hose Holder - Bottom Plate	4
15	S73604	Hitch Hose Holder - Top Plate	4
16	N69879	Bushing - 0.385 ID x 0.625 OD x 1 3/8 Lg	8
		G73601 Hitch Hose Holder Hardware	1
17	S27987	Flange Lock Nut - 3/8 W/Center Lock	12
18	P7C616	Carriage Bolt - 3/8 x 1 Lg	4
19	S28159	Carriage Bolt - 3/8 x 2 1/2 Lg	8

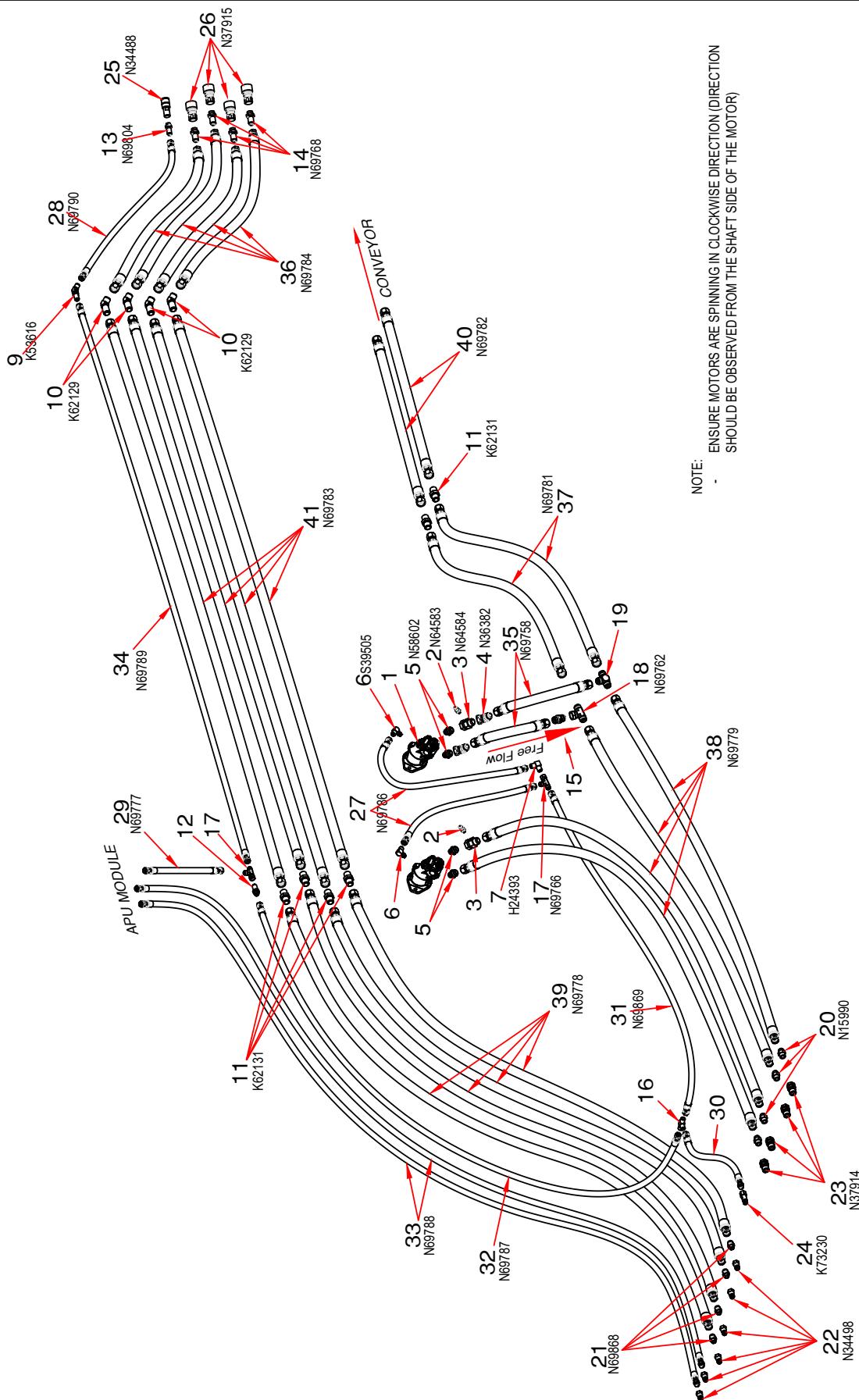
Tow Between Hydraulics Single Fan with Conveyor



Tow Between Hydraulics - Single Fan with Conveyor

Item	Part No.	Description	Qty
1		Orbit Motor - Fan	1
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).....	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
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
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	N69869	Hyd Hose - 1/2 x 80 - 7/8-14 FJIC (#10) (N69775)	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
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	2
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
41	N69783	Hyd Hose 1 x 290 - 1 5/16-12 FJIC (#16)	4

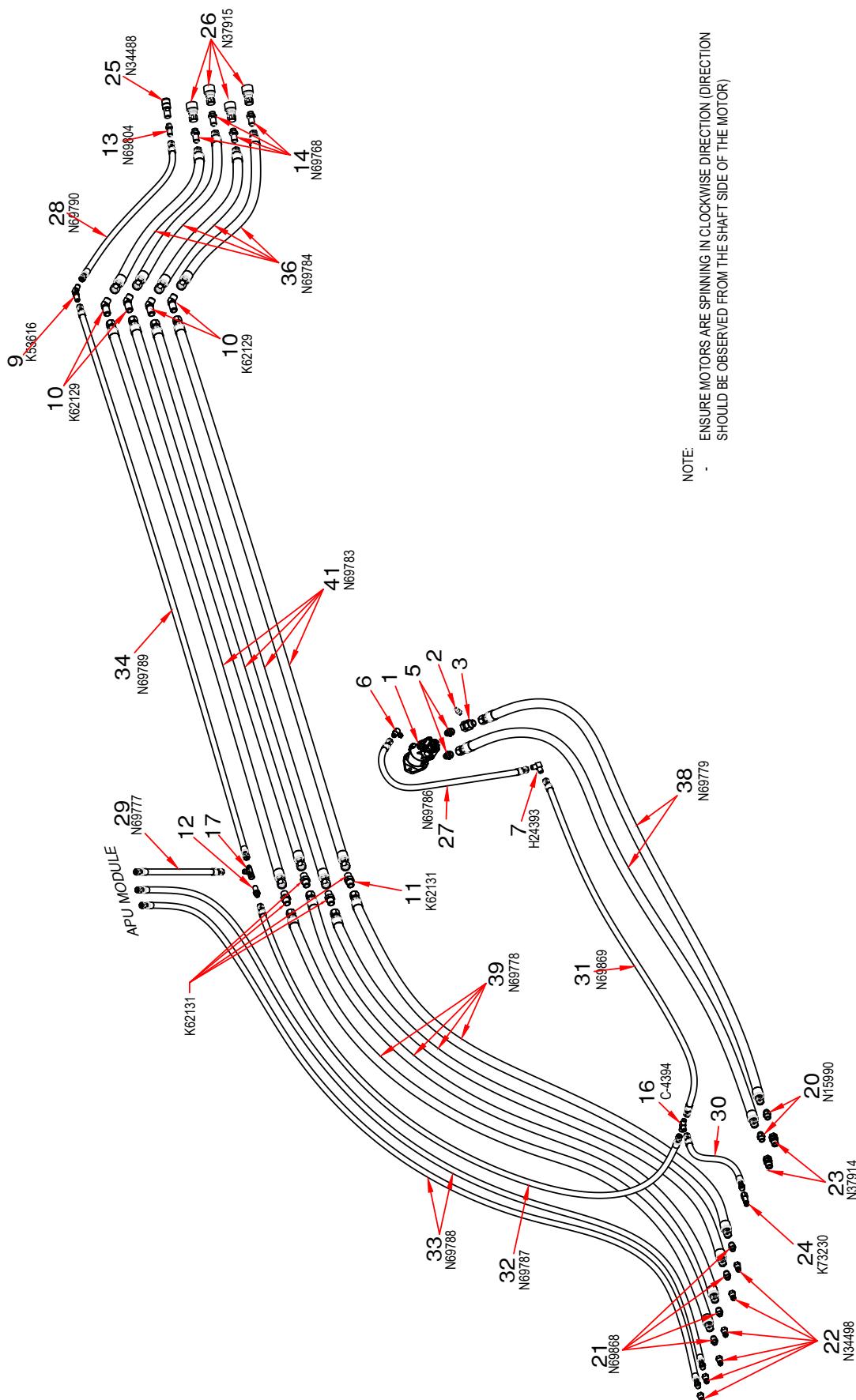
Tow Between Hydraulics Dual Fans with Conveyor



Tow Between Hydraulics - Dual Fans with Conveyor

Item	Part No.	Description	Qty
1		Orbit Motor - Fan	1
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).....	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
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
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	N69869	Hyd Hose - 1/2 x 80 - 7/8-14 FJIC (#10) (N69775)	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
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
41	N69783	Hyd Hose 1 x 290 - 1 5/16-12 FJIC (#16)	4

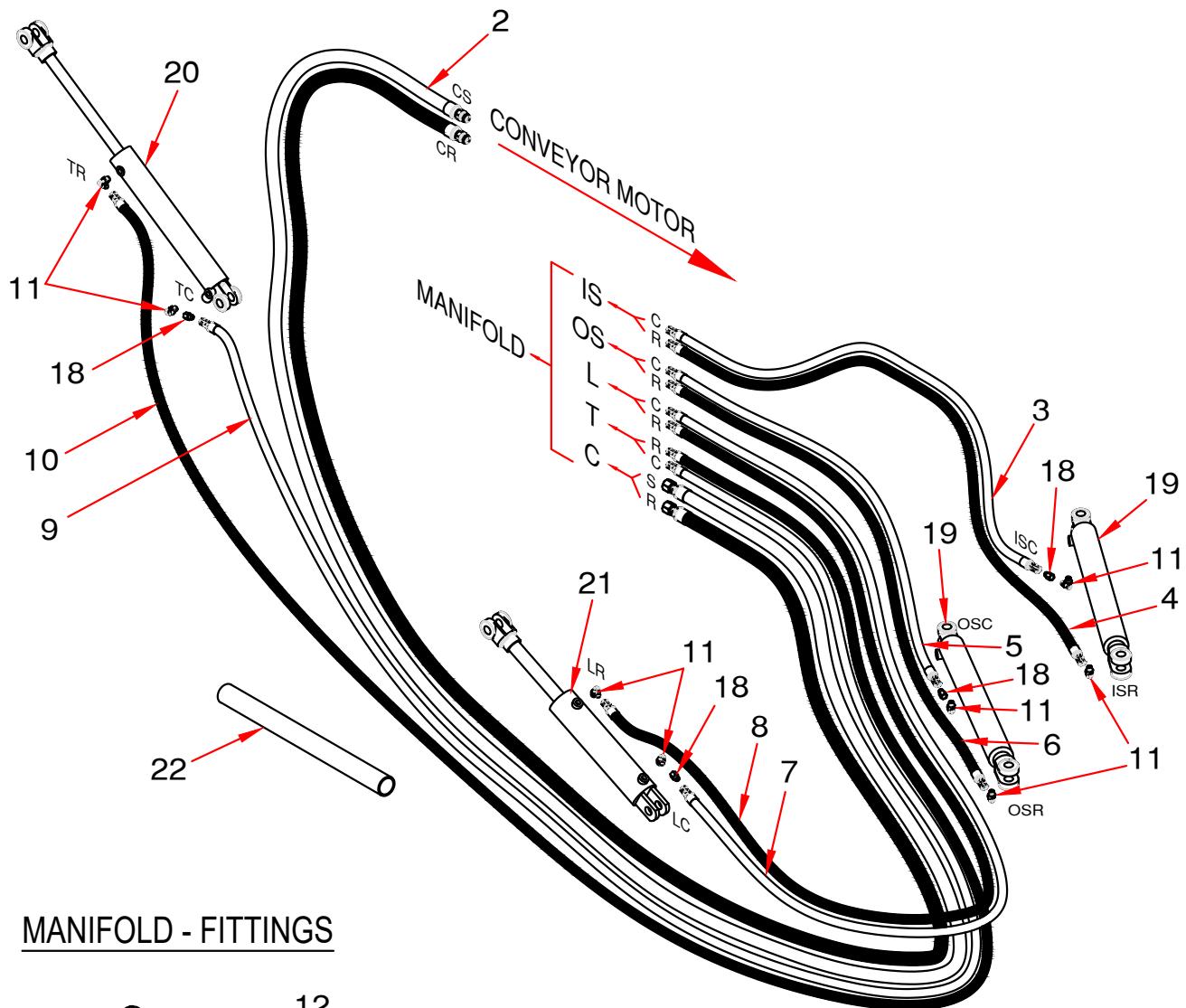
Tow Between Hydraulics No Conveyor



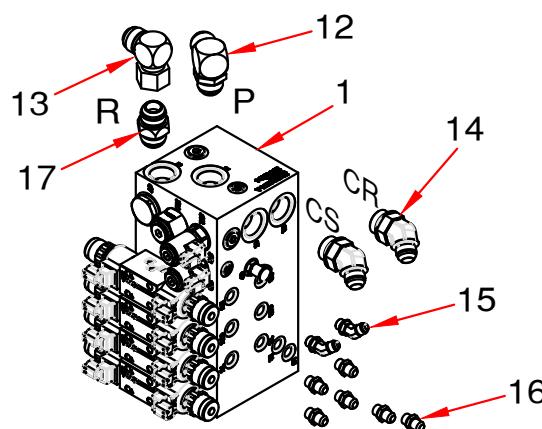
Tow Between Hydraulics - No Conveyor

Item	Part No.	Description	Qty
1		Orbit Motor - Fan	1
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
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
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	N69869	Hyd Hose - 1/2 x 80 - 7/8-14 FJIC (#10) (N69775)	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
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	2
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
41	N69783	Hyd Hose 1 x 290 - 1 5/16-12 FJIC (#16)	4

Conveyor Hydraulics Arms



MANIFOLD - FITTINGS

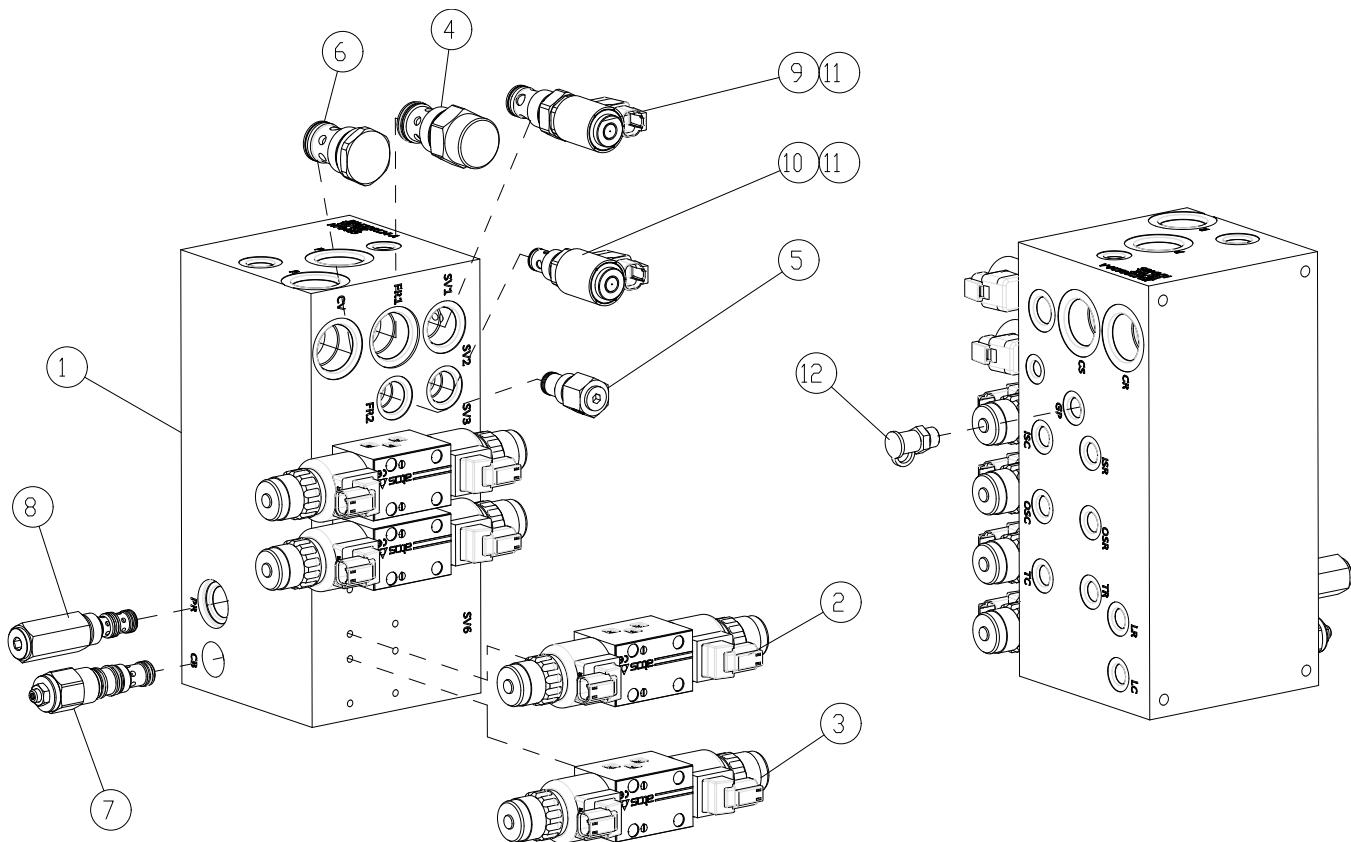


NOTE:
- ALL 90° ELBOWS GOING TO HYDRAULIC CYLINDERS ARE THE SAME (N16143)

Conveyor Hydraulics - Arms

Item	Part No.	Description	Qty
1	N70485	Manifold	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 48 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
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	N58616	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
18	N70486	Restrictor - .031" ORIFICE - (1) 9/16-18 MJIC X (1) 9/16-18 FJIC.....	4
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
<p>See Conveyor Section 6 for hydraulics on Conveyor</p>			

Hydraulics
Valve Block - N70485



Item	Part No.	Description	Qty
1	N73710	Manifold Block.....	1
2	N73711	Soft Shift Valve	3
3	N73712	MO Valve	1
4	N73713	Flow Reg. - 21 Gpm	1
5	N73714	Flow Reg. - 7 Gpm	1
6	N73715	Check Valve	1
7	N73716	Counter Balance - 2:1	1
8	N73717	PR Valve - 500 Psi.....	1
9	N73718	Solenoid Valve - #12.....	1
10	N73719	Solenoid Valve - #10.....	1
11	N73720	Solenoid Coil W/ Duetsch	2
12	N73721	Diagnostic Plug - 9/16-18 MORB	1
	N70485	Valve Block Assembly (Includes all above items)	

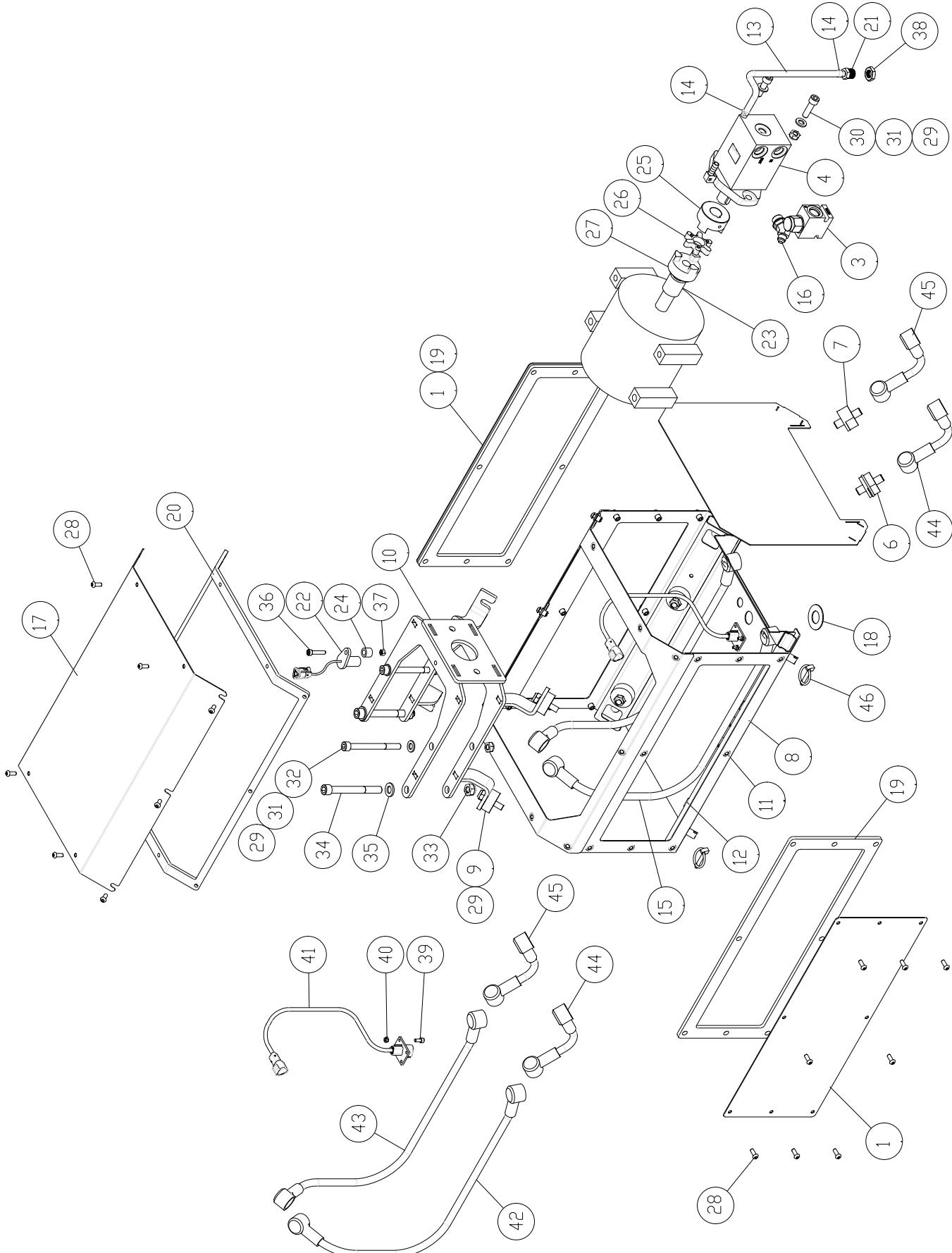
Section 9:

Axiliary Power Unit Assembly

Section Contents

APU Assembly	9-2
Alternator Module	9-2
Battery Module	9-4
Power Disconnect Panel	9-6
Module C	9-8
Hydraulics	9-10

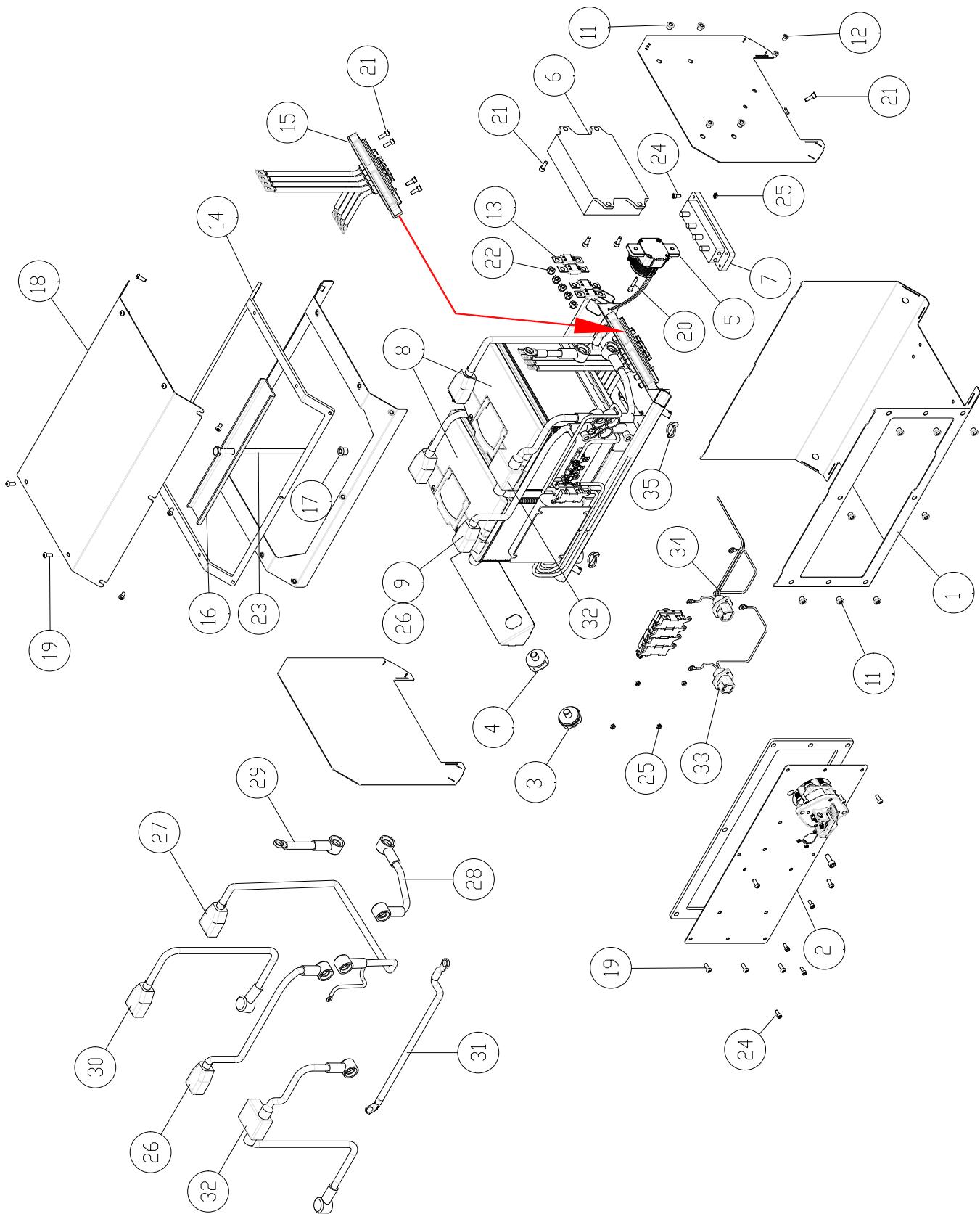
APU Assembly Alternator Module



APU Assembly - Alternator Module

Item	Part No.	Description	Qty
1	A74085	Bolt On Panel.....	2
2	G74159	Pbag-10S-Module-A-Hdware - See Below	1
3	N69825	Flow Control - (See APU Hydraulics Page 9-10).....	1
4	N72999	Hydraulic Motor	1
5	N73000	Alternator - 24V DC Brushless - 150 amp.....	1
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	N74179	Module A - Wire Kit - See Below	1
16	N74227	45 Elbow - 9/16-18 (#06) MJIC x 3/4-16 (#08) MORB (N65810).....	1
17	N74235	Lid Assembly	1
18	W-544	Flat Washer - 15/16 ID x 2 1/4 OD x 0.165 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
	G74159	Pbag-10S-Module-A-Hdware - (Whole Goods Only)	
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
	N74179	Alternator Wire Kit - (Whole Goods Only)	
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
	N74020	Alternator Module Assembly - (Includes All Above Items)	
46	S42294	Item below located in E-Drive Harness Kits Lynch Pin - 3/16 Dia x 1 1/4 Lg	4

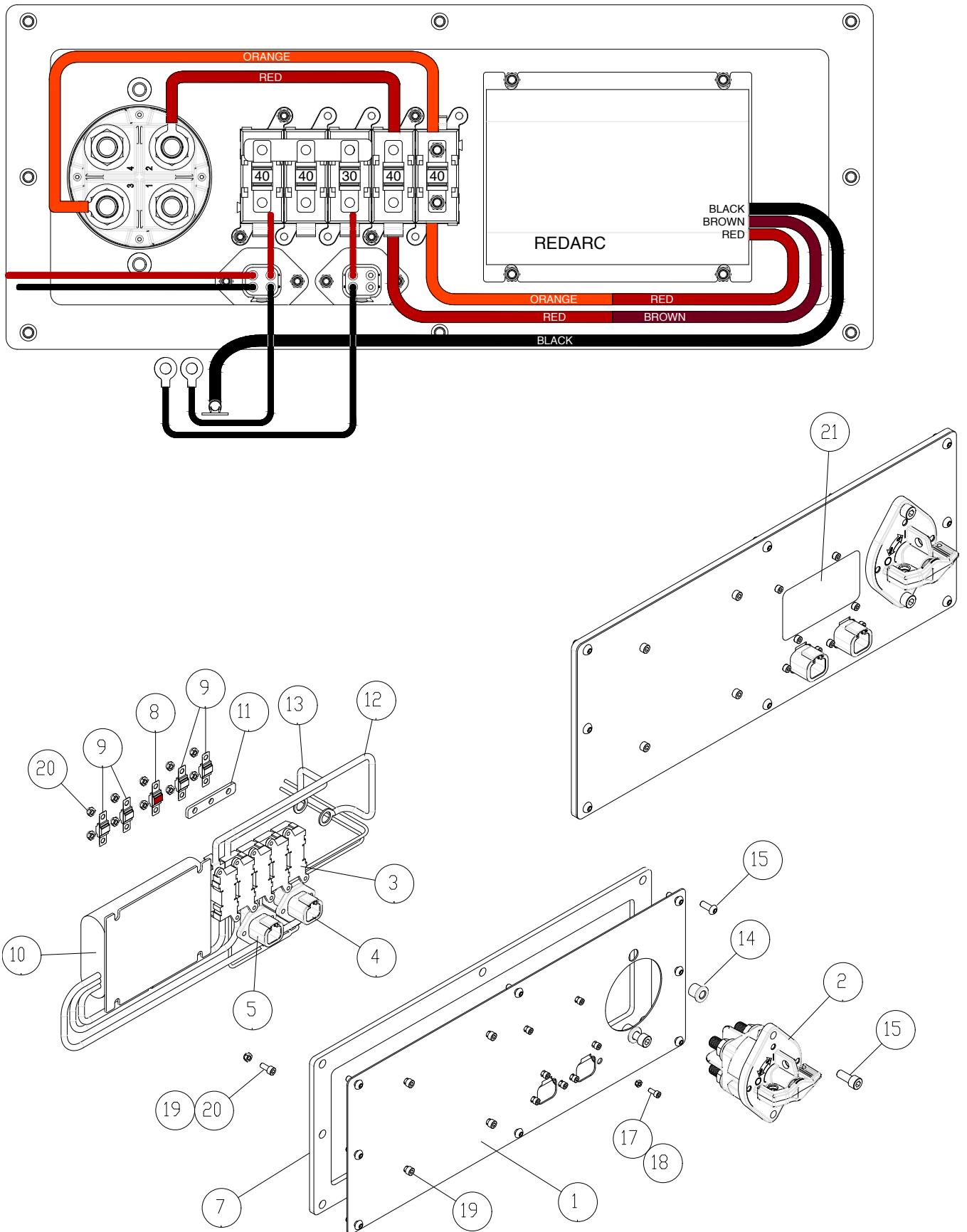
APU Assembly Battery Module



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	N74180	Battery Cable Kit - See Below	1
10	G74160	Pbag-Battery-Module-Hdware - See Below.....	1
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
	G74160	Pbag-Battery-Module-Hdware - (Whole Goods Only)	
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
	N74180	Battery Cable Kit - (Whole Goods Only)	
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
	N74050	Battery Module Assembly - (Includes All Above Items)	
33	N74110	APU 12V Output - Lighting - See Next Page For Details.....	1
34	N74115	APU 12V Output - Auxiliary - See Next Page For Details.....	1
35	S42294	Item below located in E-Drive Harness Kits Lynch Pin - 3/16 Dia x 1 1/4 Lg	4

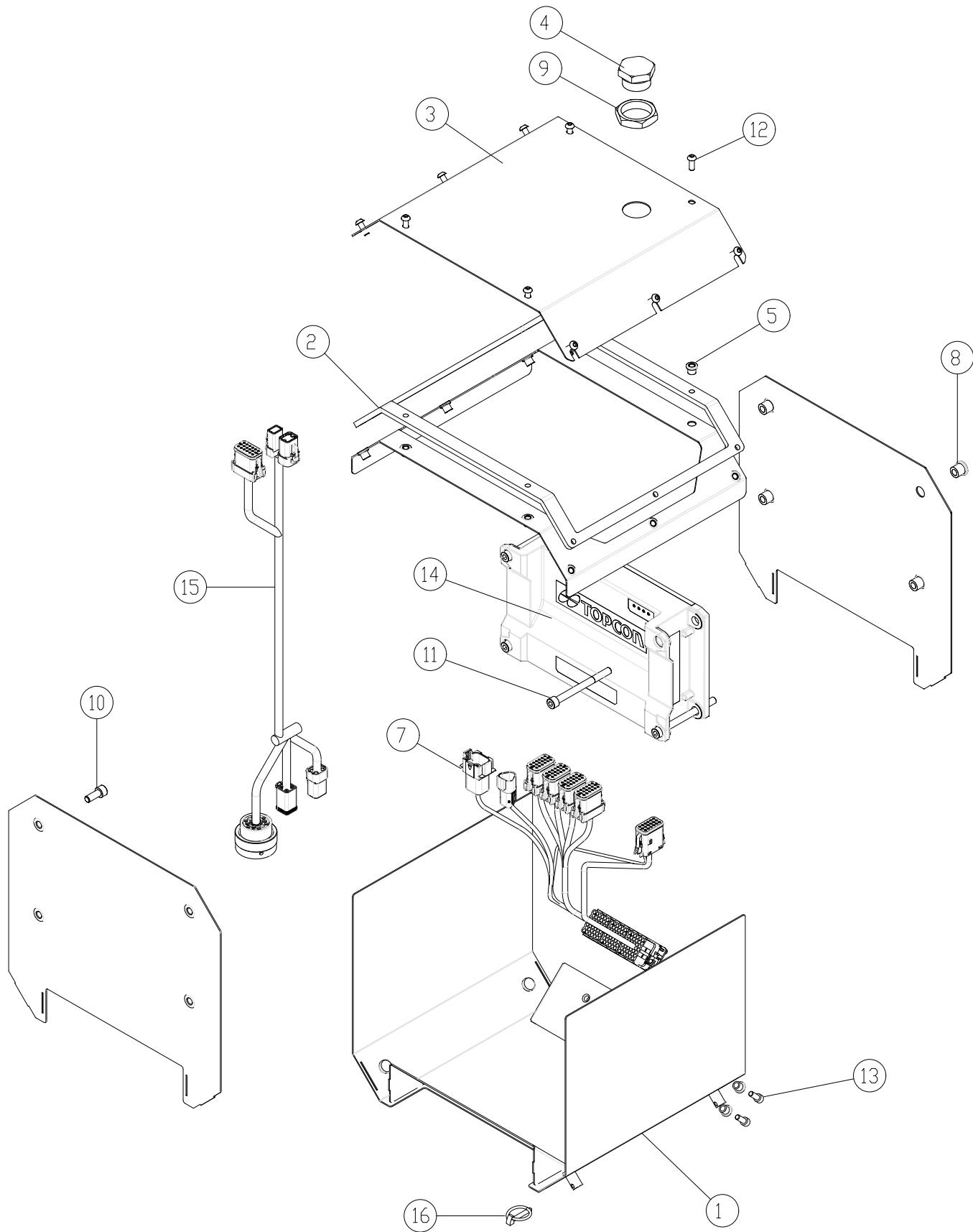
APU Assembly Power Disconnect Panel



APU Assembly - Power Disconnect Panel

Item	Part No.	Description	Qty
		Power Disconnect Panel N74051	
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
6	G74161	Pbag-Power Diconnect-Hdware - See Below - (Whole Goods Only)	1
7	N74145	Panel Seal Foam.....	1
8	N74117	30 Amp Fuse - Midi.	1
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
		G74161	
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

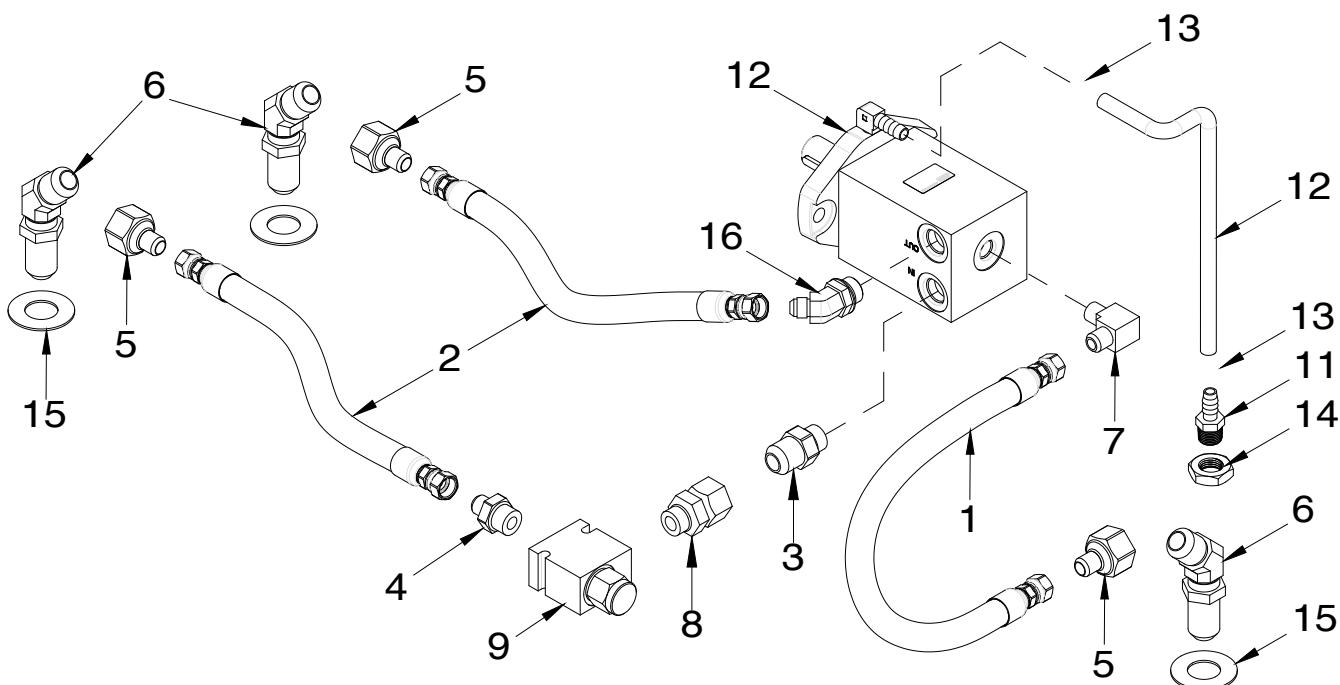
APU Assembly Module C



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	G74162	Pbag-ECU-Module-Hdware - See Below	1
7	N74003	10S CM-40 to Bulkhead	1
8	N74124	8mm Threaded Insert	8
9	N74228	Bulkhead Fitting Fastner	1
	G74162	Pbag-ECU-Module-Hdware - (Whole Goods Only)	
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
	N74016	ECU Module C Assembly - (Includes All Above Items)	
		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

APU Assembly Hydraulics



Item	Part No.	Description	Qty
	N69834	APU Box - Hydraulic Hoses - Includes Items Below (Whole Goods Only)	
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
	N69835	APU Box - Hydraulic Fittings - Includes Items Below (Whole Goods Only)	
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
	Items below are in Alternator Module N74020		
9	N69825	Valve - Flow Control - 7.5 gpm.....	1
10	N72999	Hydraulic Motor - 6.3 cc	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-544	Flat Washer - 15/16 ID x 2 1/4 OD x 0.165 Thick	3
16	N74227	45 Elbow - 9/16-18 (#06) MJIC x 3/4-16 (#08) MORB (N65810).....	1

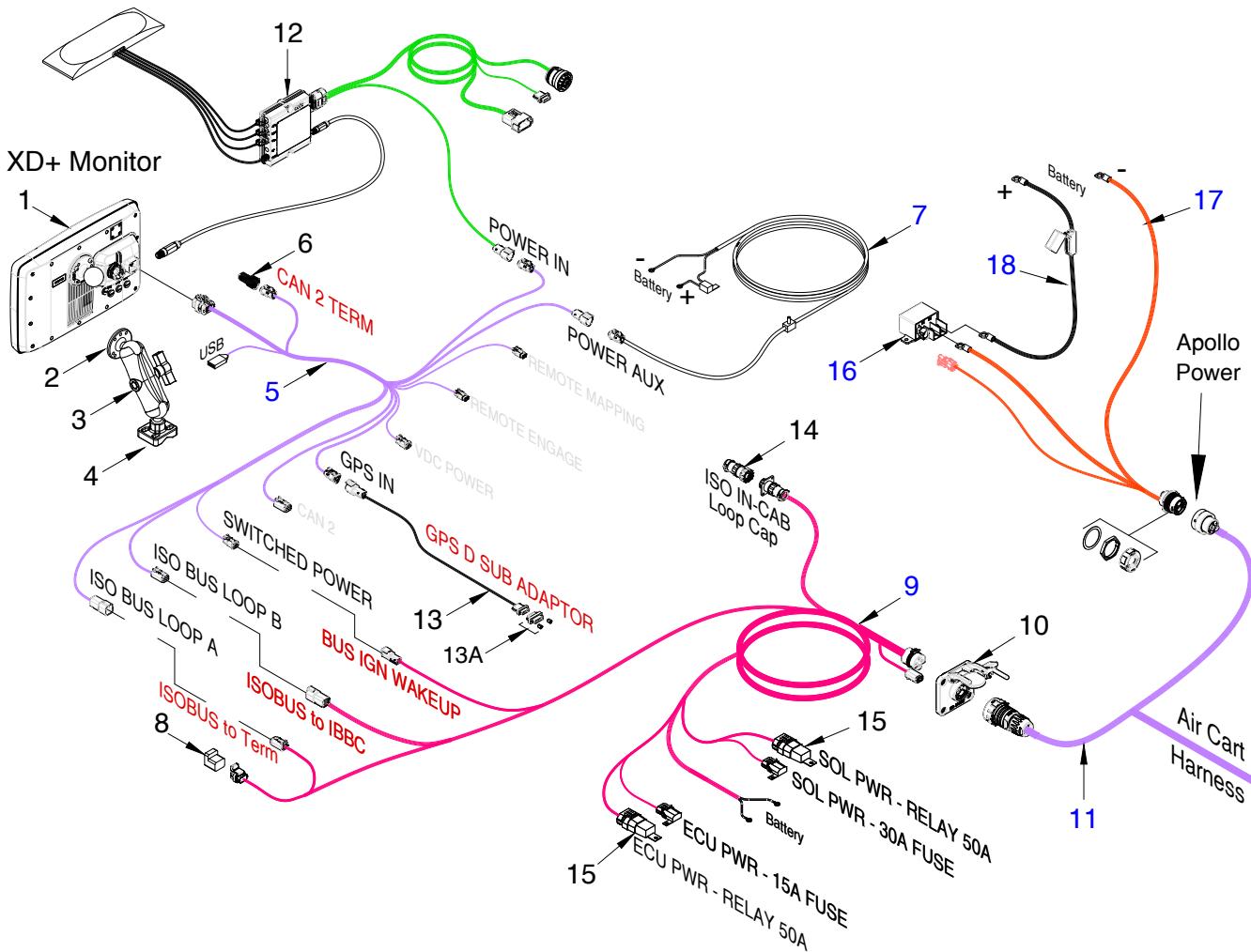
Section 10:

Monitor System

Section Contents

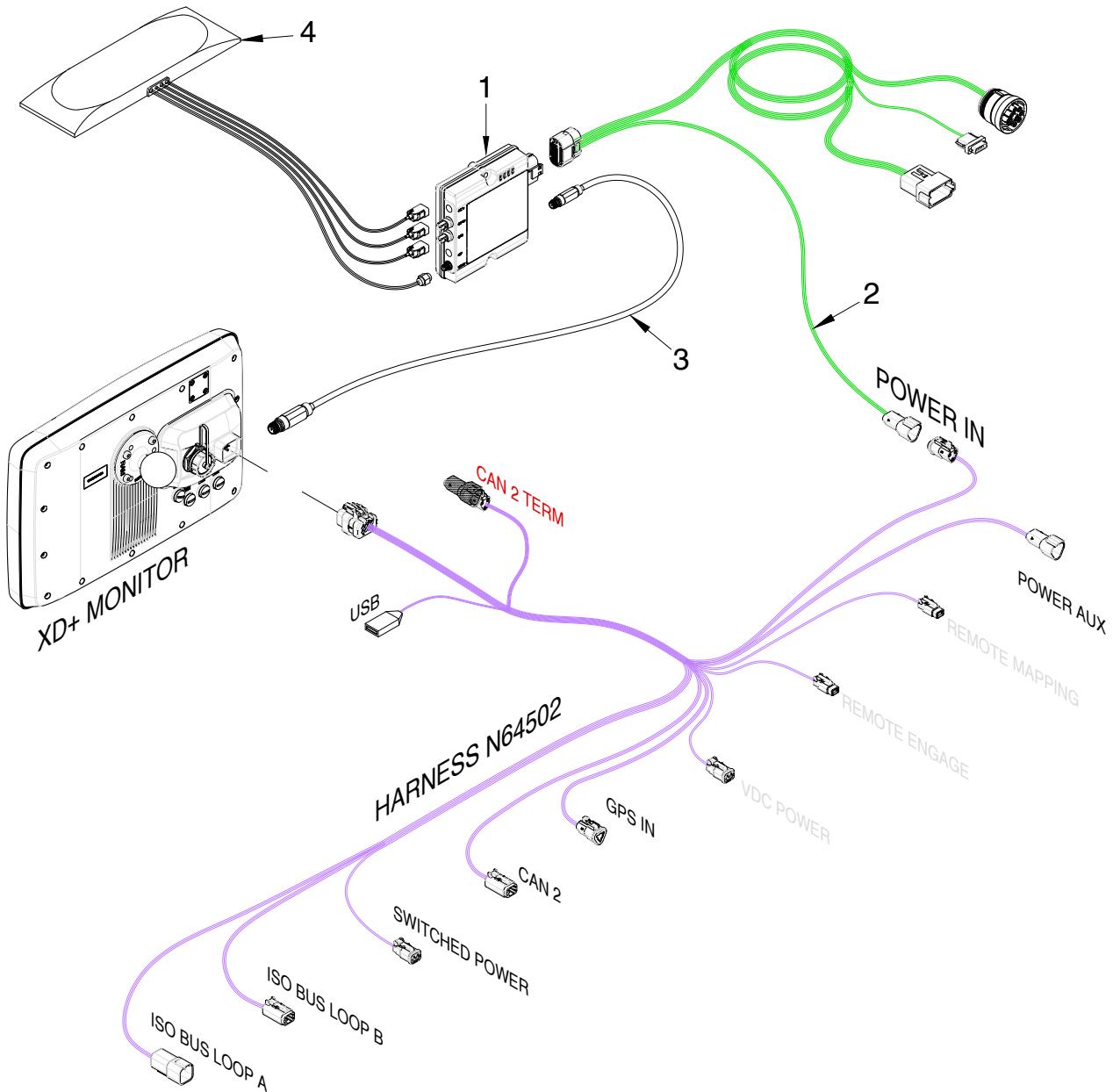
TOPCON XD+ Monitor	10-2
Tractor Installation	10-2
Data Modem Kit	10-3
Cart Harness	10-4
Tow Behind.....	10-4
Tow Between.....	10-6
Weigh Scales	10-8
QUANTUM	10-10
Apollo - Lift and Pressure Control Kit	10-10
Liquid and NH ₃ System	10-12

TOPCON XD+ Monitor Tractor Installation



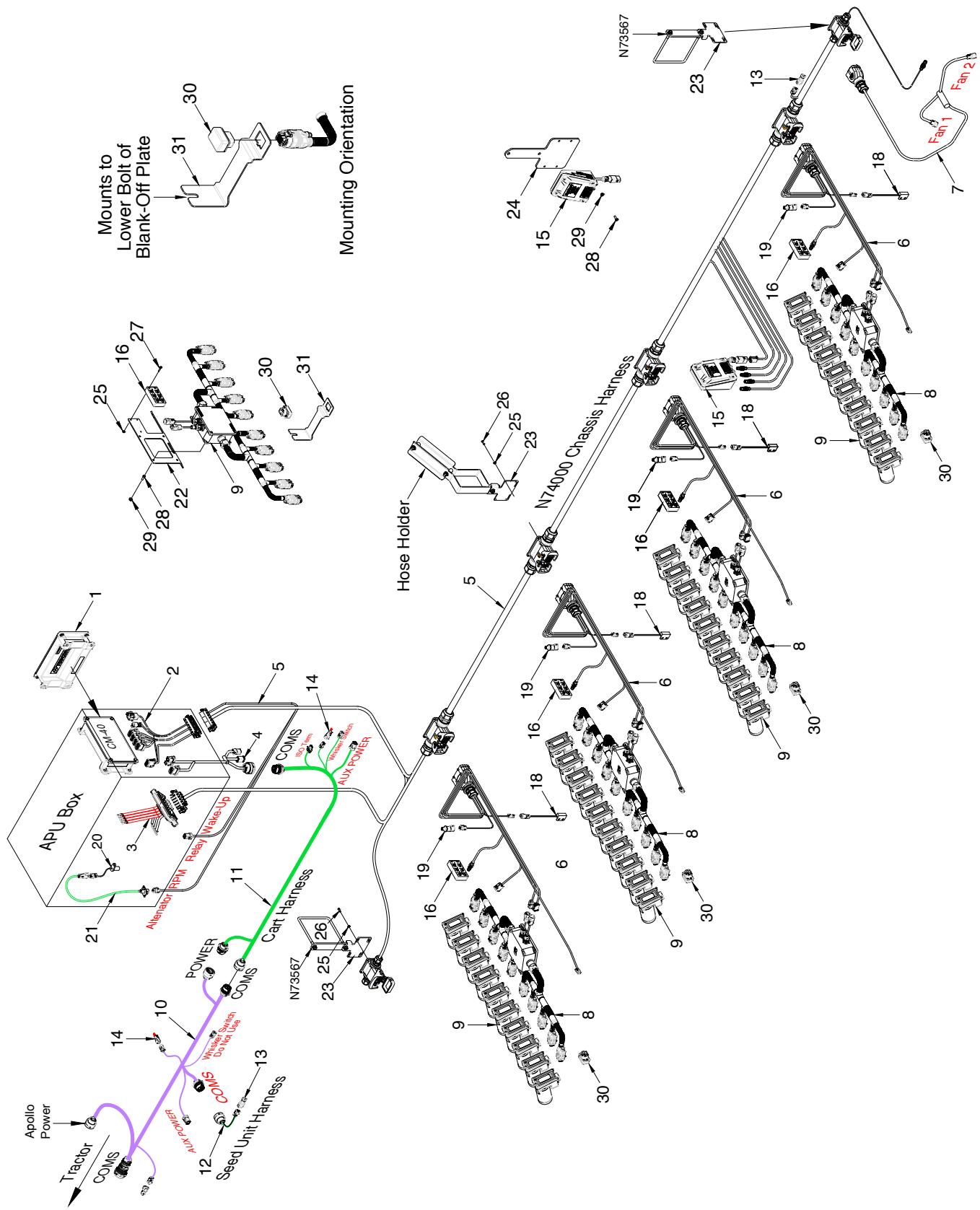
Item	Part No.	Description	Qty
1	N73009 N55985	XD+ Monitor (1036088-01) - Includes Ram Mount Items (2, 3 & 4) Ram Arm Mounting Kit - Contains Items (2, 3 & 4)	1
2	N55984	Ram Mounting Ball - Circular Base	1
3	K45686	Ram Mounting Arm - 5"	1
4	K45685	Ram Mount Base - U-Bolt	1
5	N64502	Harness - Topcon X35 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 - (1032096-01)	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 N68004 N68005	ZTN50166 - CNH GPS Cable - (Not Shown) PFP10470 - JOHN DEERE Cable Kit - (Not Shown) SGR-1 X35 GPS Harness - (AGA4286) - (Not Shown)	

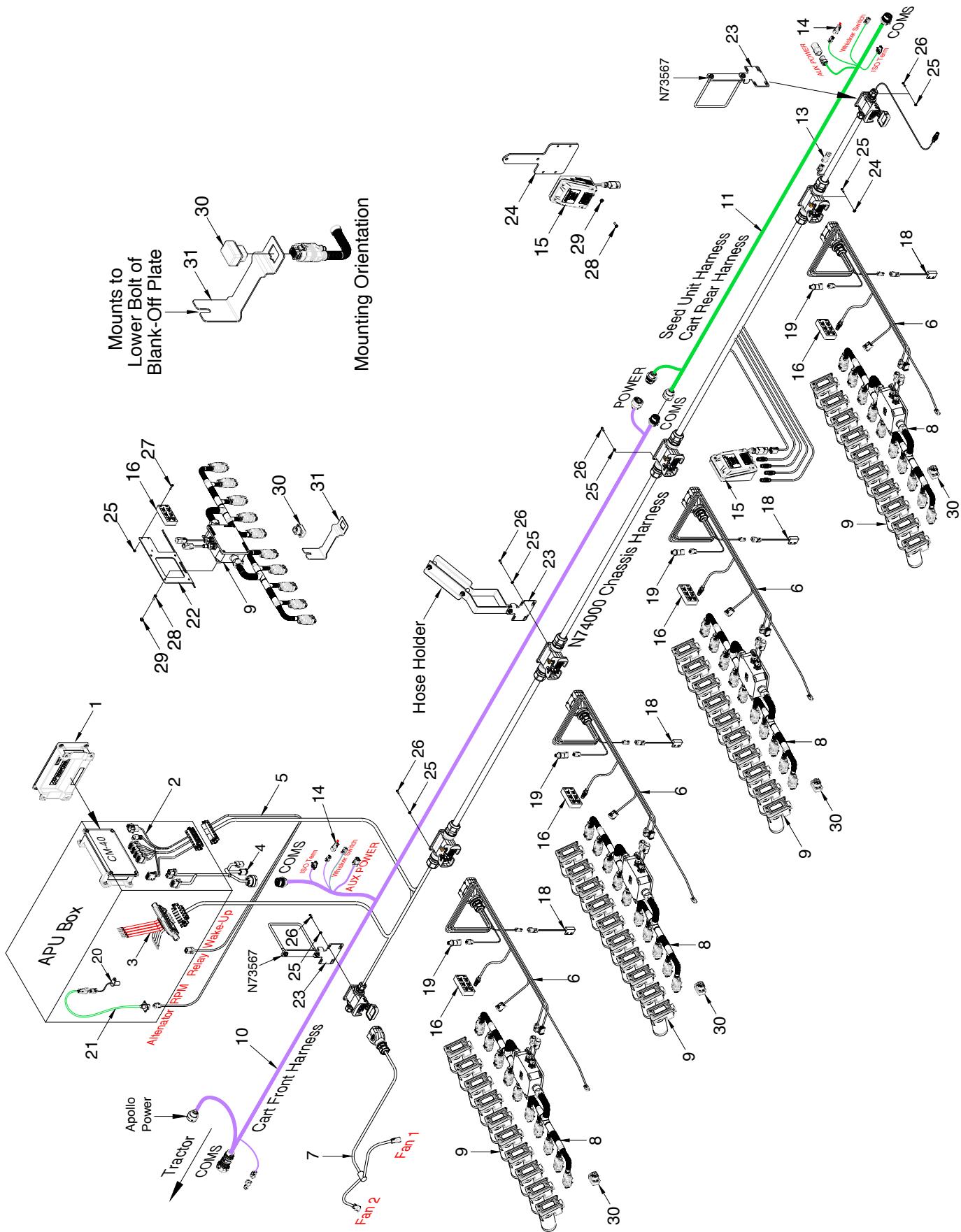
Cart Harness Tow Behind



Cart Harness - Tow Behind

Item	Part No.	Description	Qty
		Quantities listed are for a 4 Tank system	
1	N74222	Apollo Master Module ECU - CM-40 - E-Drive Version (1069705-01).....	1
2	N74003	Harness 10S CM-40 to Bulkhead.....	1
3	N74005	Fused Output 24V	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	N74130	Alternator RPM Cable	1
22	N70405	Mount Plate	4
23	N70368	Mount Plate - Harting Junction.....	6
24	N70374	Mount Plate - Scale Link	1
	G69898	PBAG - HARNESS HARDWARE - 10S - (Includes Items Below) Whole Goods Only	
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

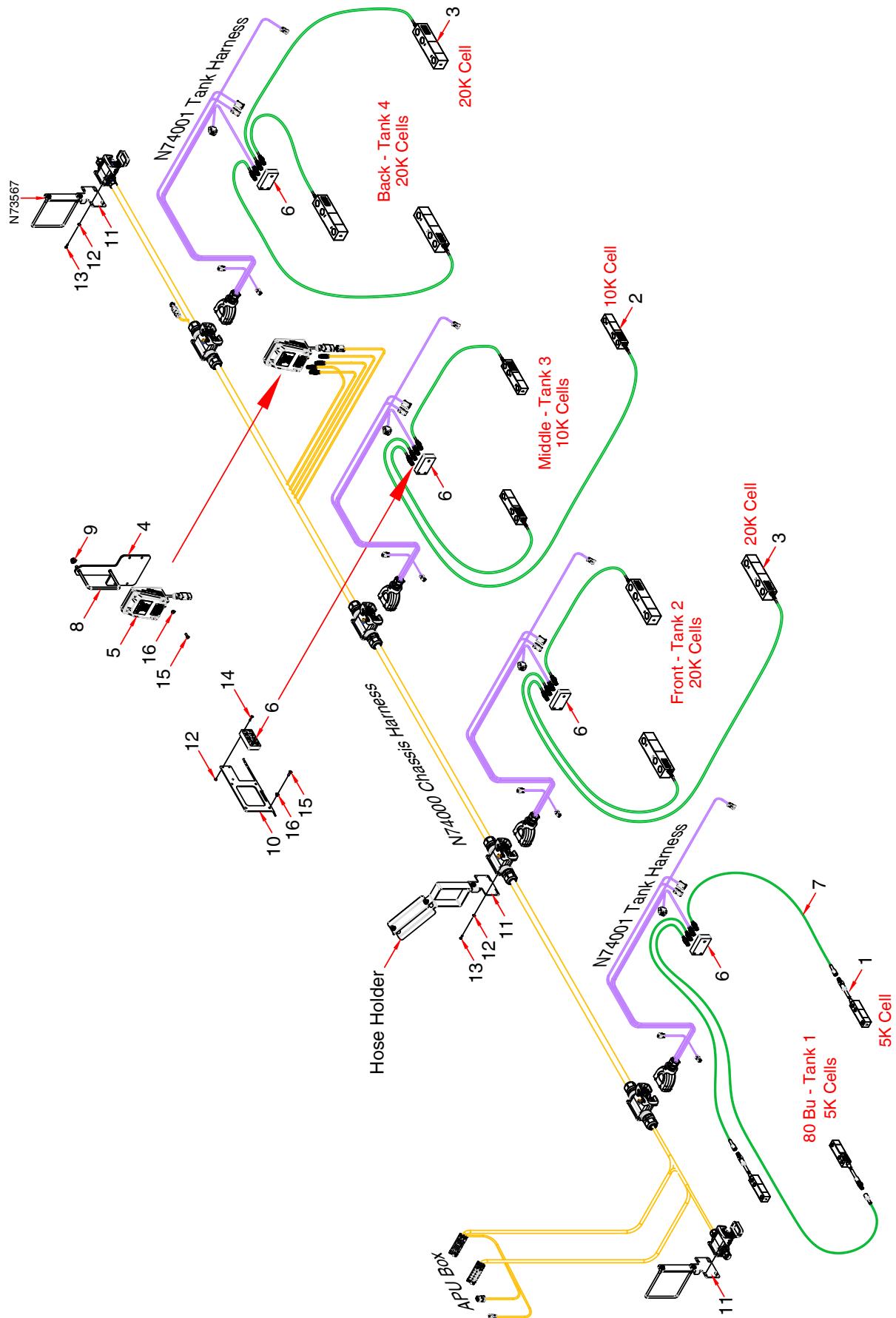
Cart Harness Tow Between



Cart Harness - Tow Between

Item	Part No.	Description	Qty
		Quantities listed are for a 4 Tank system	
1	N74222	Apollo Master Module ECU - CM-40 - E-Drive Version (1069705-01).....	1
2	N74003	Harness 10S CM-40 to Bulkhead.....	1
3	N74005	Fused Output 24V	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	N74130	Alternator RPM Cable	1
22	N70405	Mount Plate	4
23	N70368	Mount Plate - Harting Junction.....	6
24	N70374	Mount Plate - Scale Link	1
	G69898	PBAG - HARNESS HARDWARE - 10S - (Includes Items Below) Whole Goods Only	
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
	? ? ?	Would these items be used ? ? ?	
32	N67615	Terminator Loop Cap - Tow Between - (1005028-01) Includes items 32 and 33	1
33	N56519	Terminator Cap - (AGY1355).....	1
34	N53054	CAN Term Bias Circuit (AGK159).....	1

Cart Harness Weigh Scales



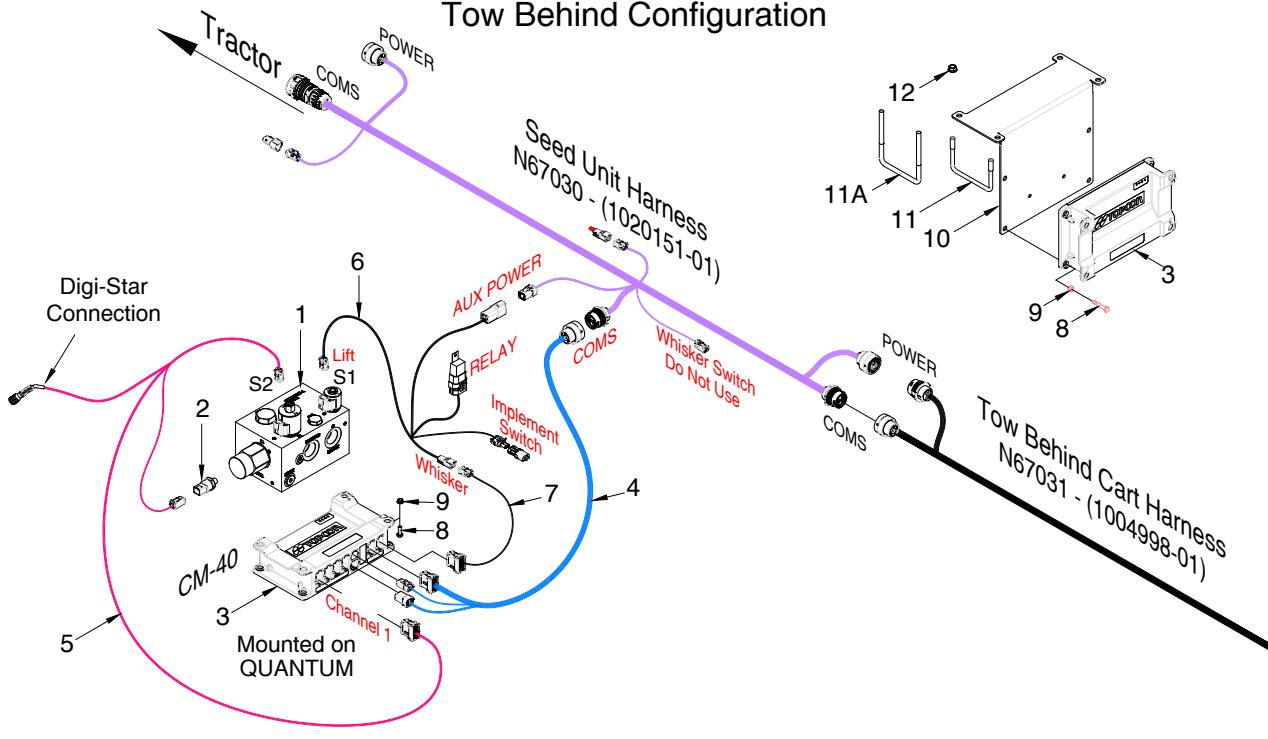
Cart Harness - Weigh Scales

Item	Part No.	Description	Qty
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	6
	G69898	PBAG - HARNESS HARDWARE - 10S - (Includes Items Below) Whole Goods Only	
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

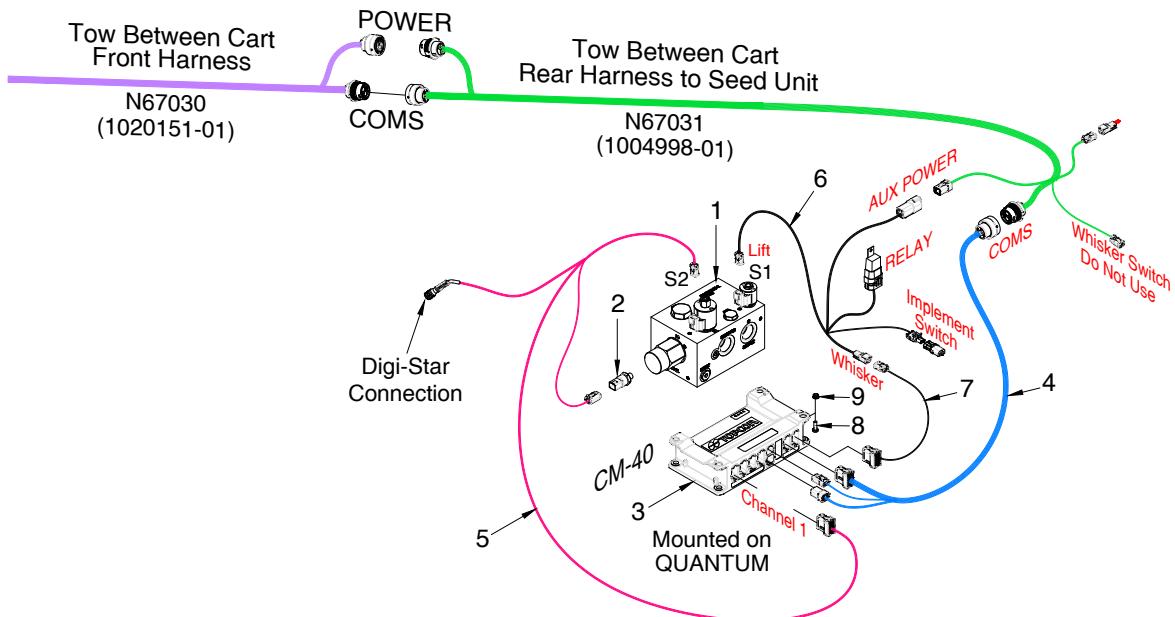
QUANTUM

Apollo - Lift and Pressure Control Kit

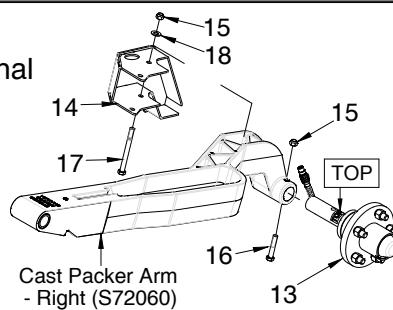
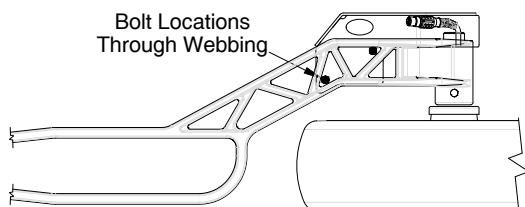
Tow Behind Configuration



Tow Between Configuration



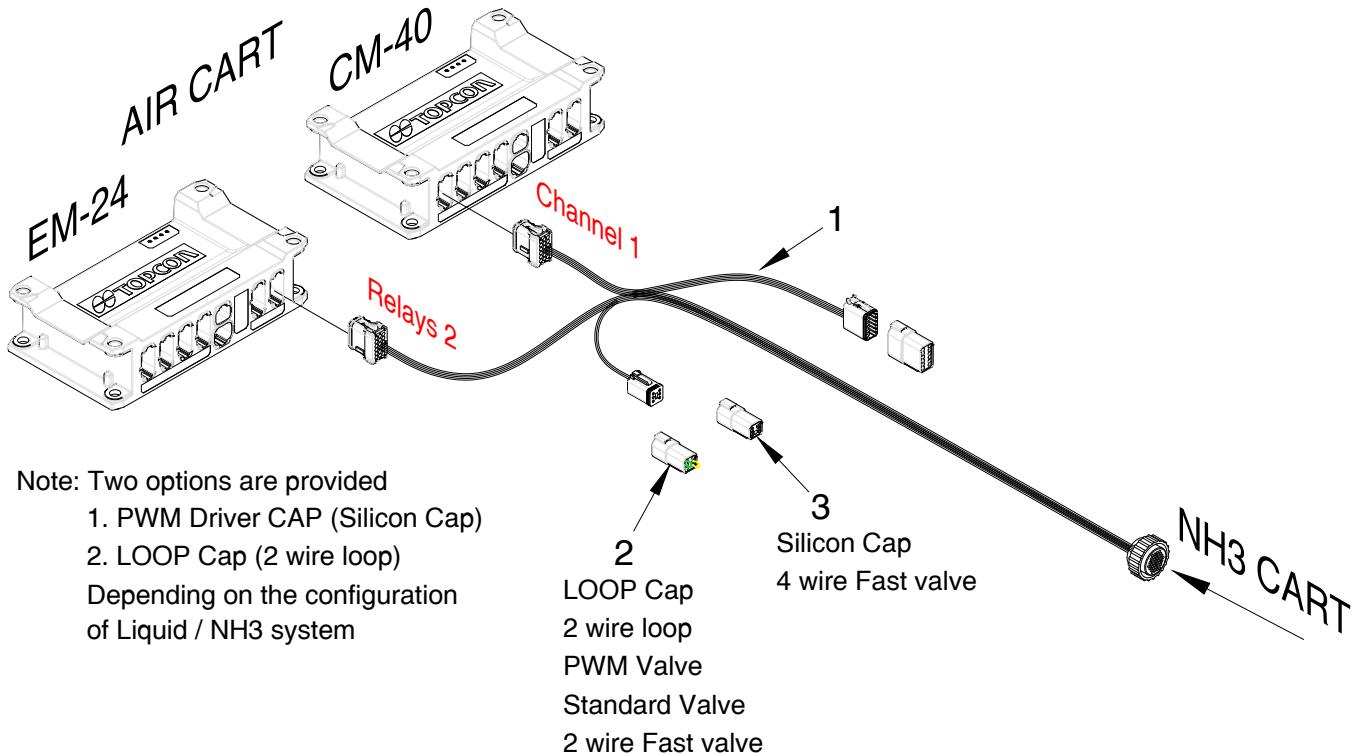
Kit S72292 Pack Pressure Control - Optional



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)	
		ECU Relocation Mount Kit - Optional	
		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
	S73264	Relocation Mount Kit - 40 ft to 70 ft (Includes Items 10, 11 and 12)	
	S73265	Relocation Mount Kit - 80 ft (Includes Items 10, 11A and 12)	
		Pack Pressure Control - Option	
	S72292	Pack Force Spindle and Guard Kit. (Includes ALL Items below) - 2022 to Present	
13	S72190	Packer Hub Assembly (Includes S72200 Spindle - Digi-Star).....	1
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

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

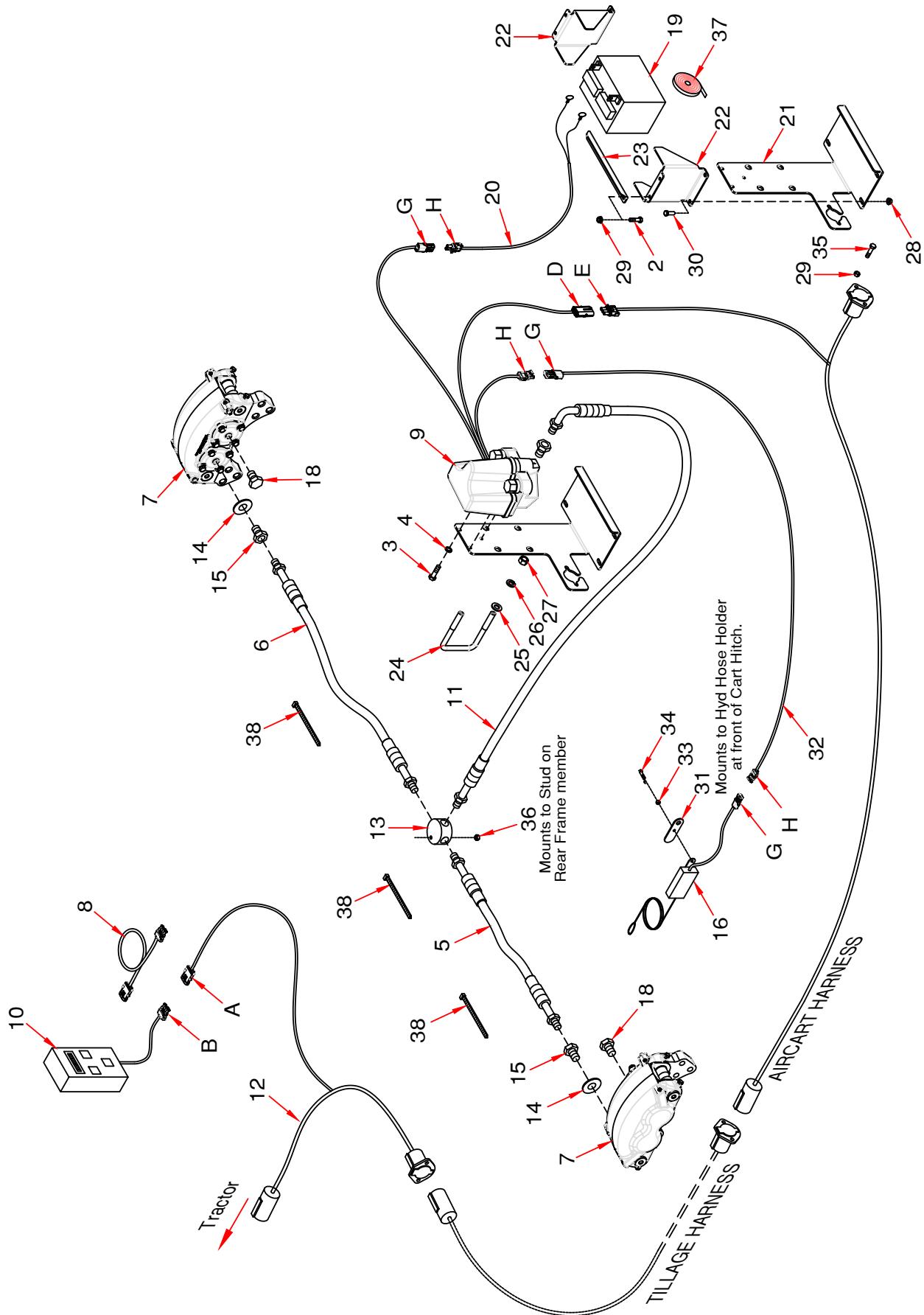
Section 11:

Brakes

Section Contents

Hydraulics and Electrical	11-2
Brake Caliper.....	11-4
Brake Rotor Assembly.....	11-5

Brakes Hydraulics and Electrical



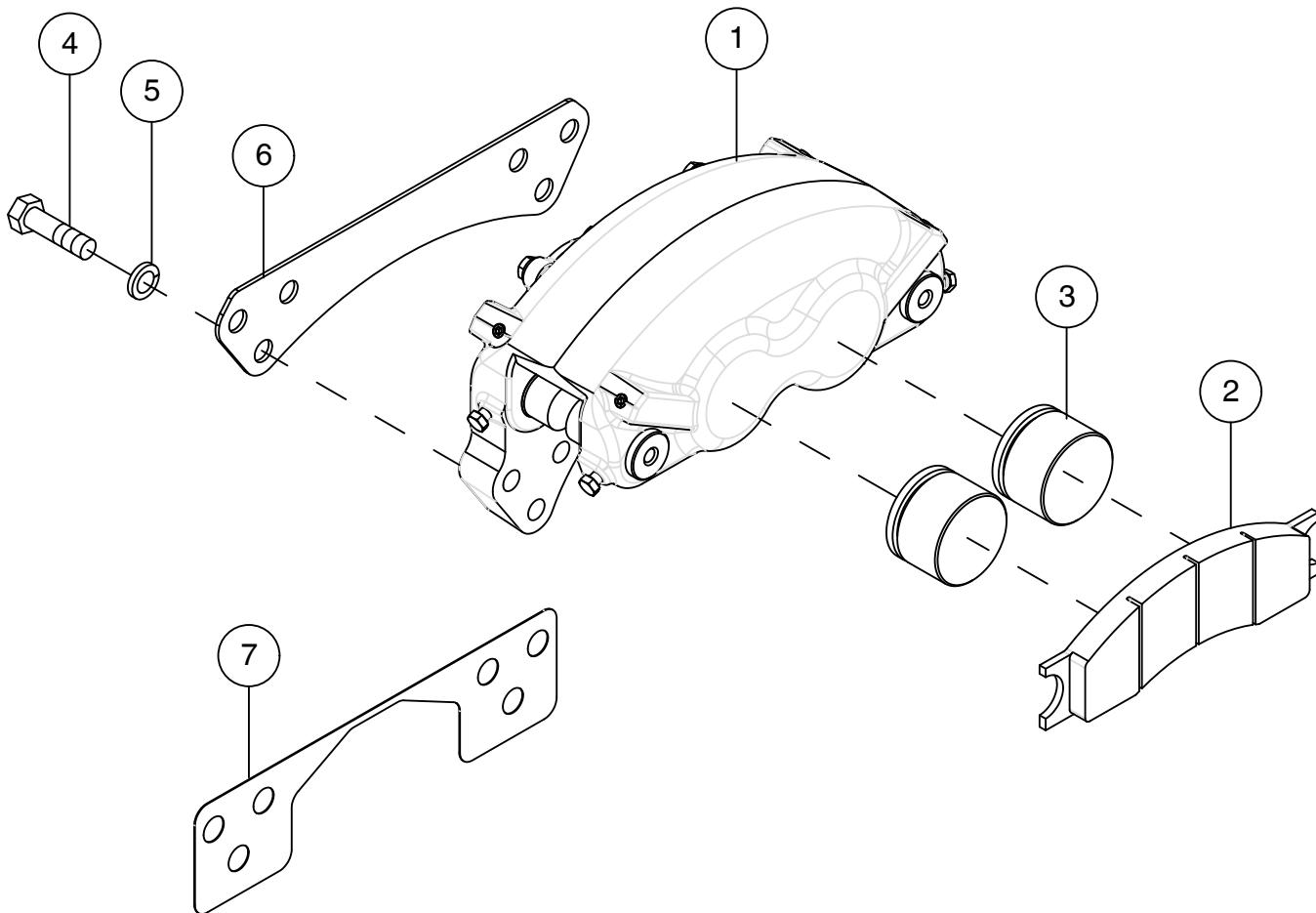
Brakes - Hydraulics and Electrical

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)	
	N70407	Brakerite Controller Assy - (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

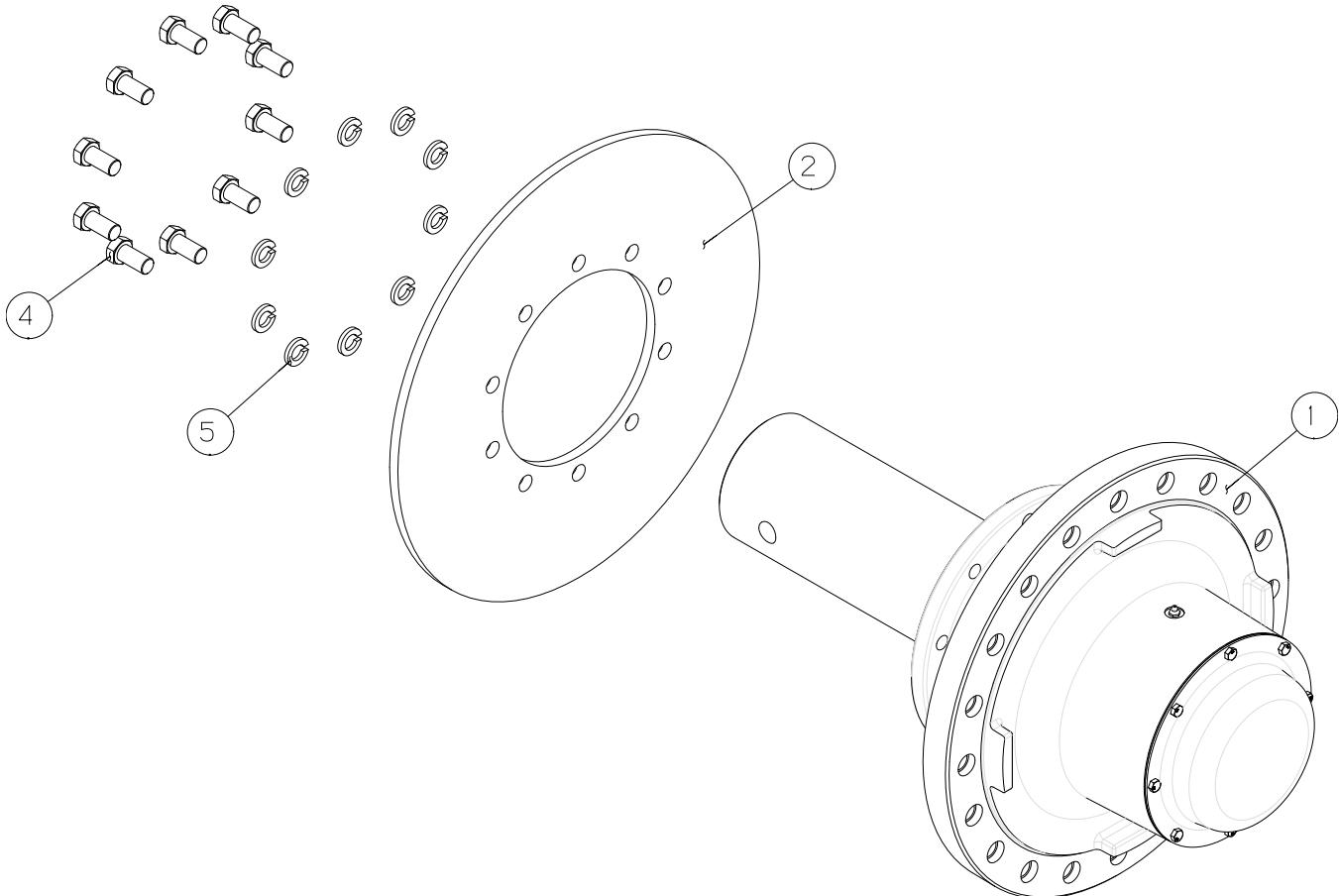
Brake Caliper

N53389 Brake Caliper Assembly - **Production Number**



Item	Part No.	Description	Qty
1	N70881	Brake Caliper - Contains N53452, N53453 & N53451 - Parts Only	1
2	N53452	Brake Pad Kit - 2 pads	1
3	N53453	Brake Piston.....	4
4	C-695	Bolt - 3/4 x 2 Lg.....	6
5	W-527	Lockwasher - 3/4.....	6
6	N70871	Shim Plate - 10 Ga - Add shim if required	1
7	N53588	Shim Plate - 22 Ga - Add shim as required for proper caliper setting - Option.....	4
	N53451	Seal Kit	1
N70884		Brake Caliper Replacement Kit - Includes Items 1 to 6 - Parts Only	

Brake Rotor Assembly 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	

Notes

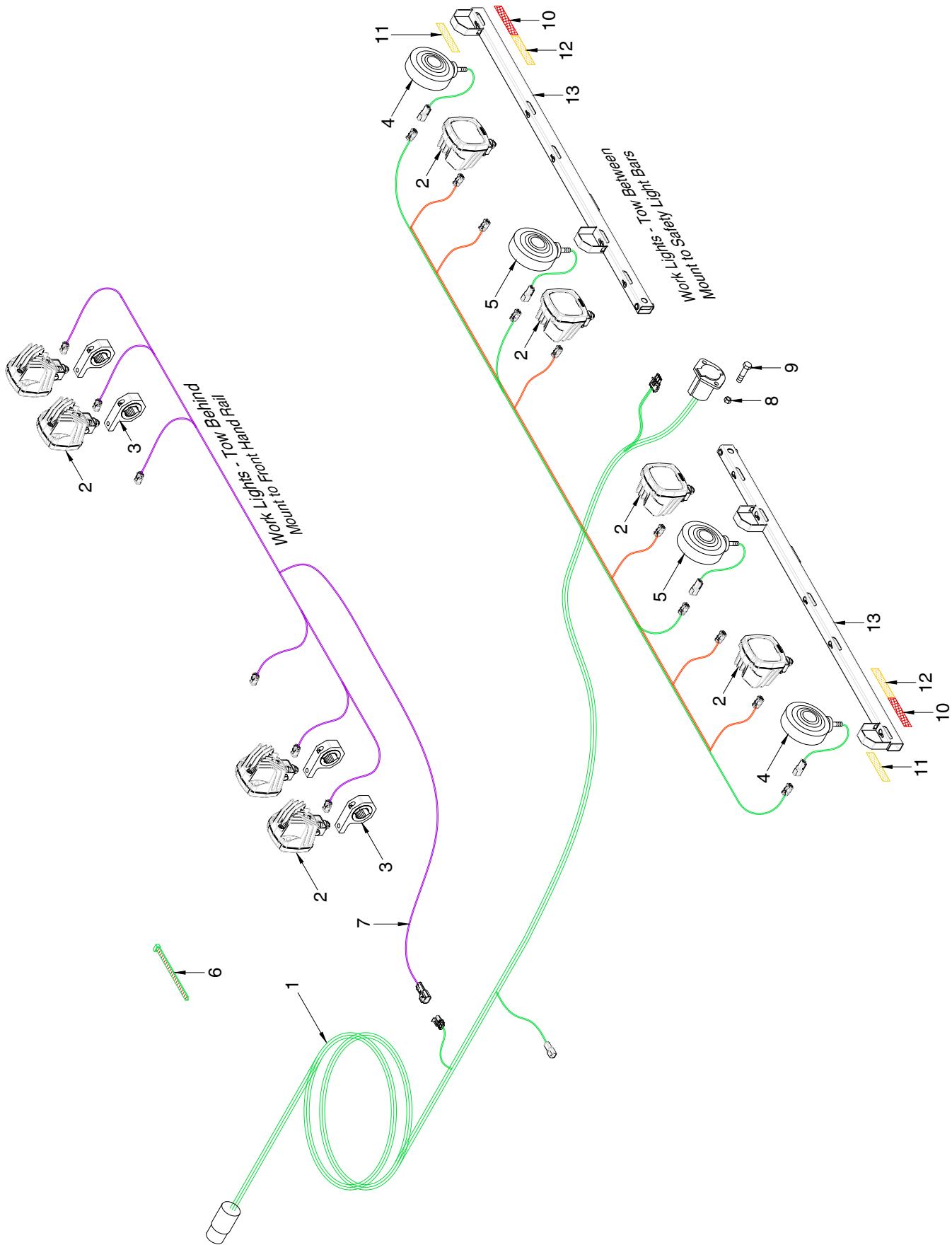
Section 12:

Lighting and Safety Signs

Section Contents

Marking and Work Lights	12-2
Walkway, Tank and Metering	12-4
Safety Signs	12-6
Decals	12-6
Front	12-7
Rear	12-8
Left Side - Tow Between	12-9
Right Side - Tow Between.....	12-10
Left Side - Tow Behind	12-11
Right Side - Tow Behind.....	12-12
Top	12-13
Meter Body Decals	12-14
Conveyor	12-15

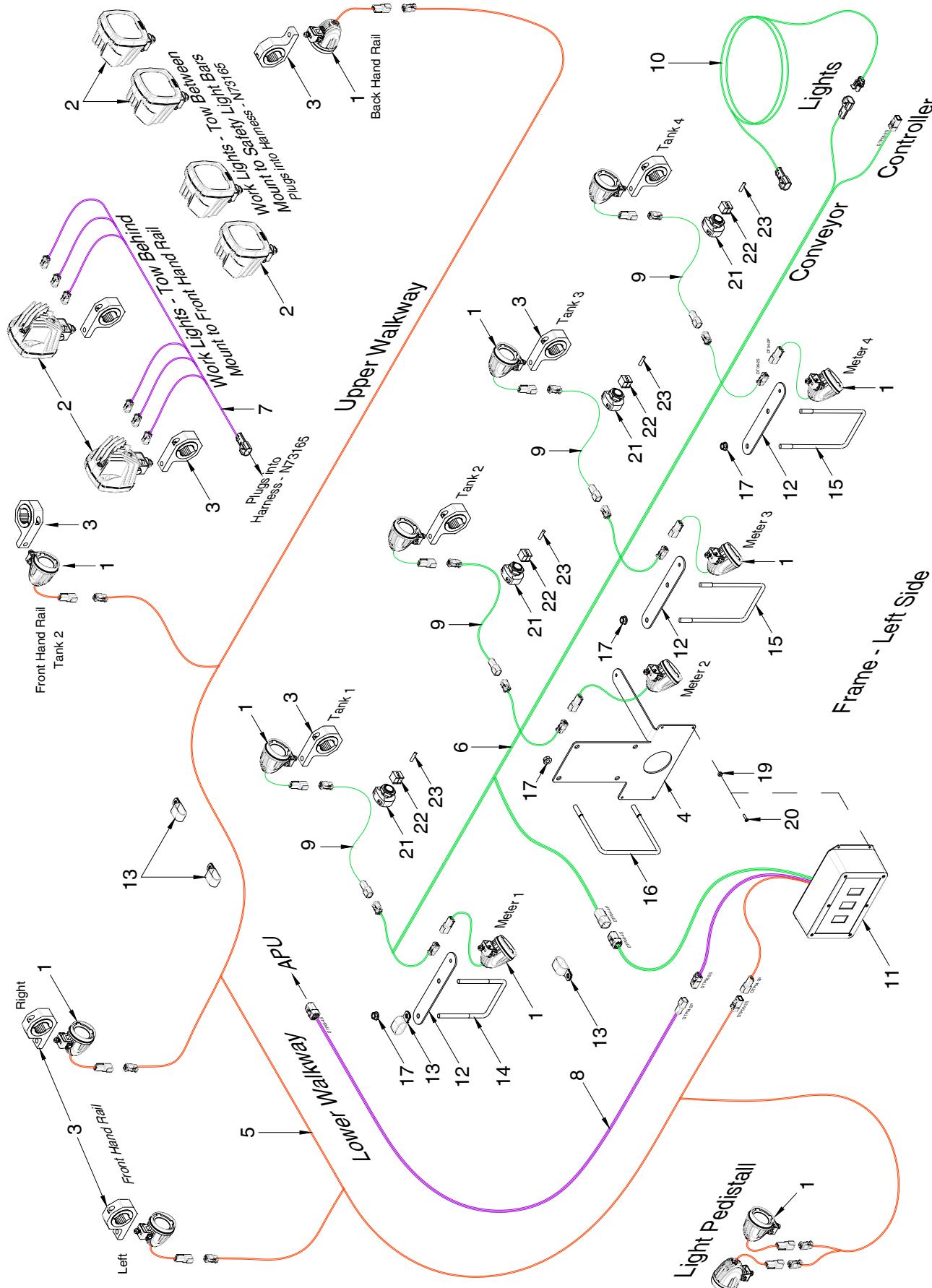
Lighting Marking and Work Lights



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	N50365	Light LED - Amber	2
5	N50366	Light LED - Red	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 Ladar Valve Control	1
7	N73096	Harness - Lights Work - Tow Behind Only (See "Marking Lights" for Connection Detail)....	1
8	N73097	Harness - Power	1
9	N73099	Harness - Lights Extension - 122 Lg.....	4
10	N73294	Harness - Conveyor Lights Extension - 192 Lg.....	1
11	N73098	Switch Box - Power.....	1
	G73661	Poly Bag - Lighting Hardware - (Whole Goods Only)	
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)	
	G73660	Kit - Lighting Tow Behind (Includes N73165, N50365, N50366 and All above Items)	
	G73662	Kit - Lighting Tow Beween (Includes N73165, N50365, N50366 and All above Items except for item 7)	

Safety Signs

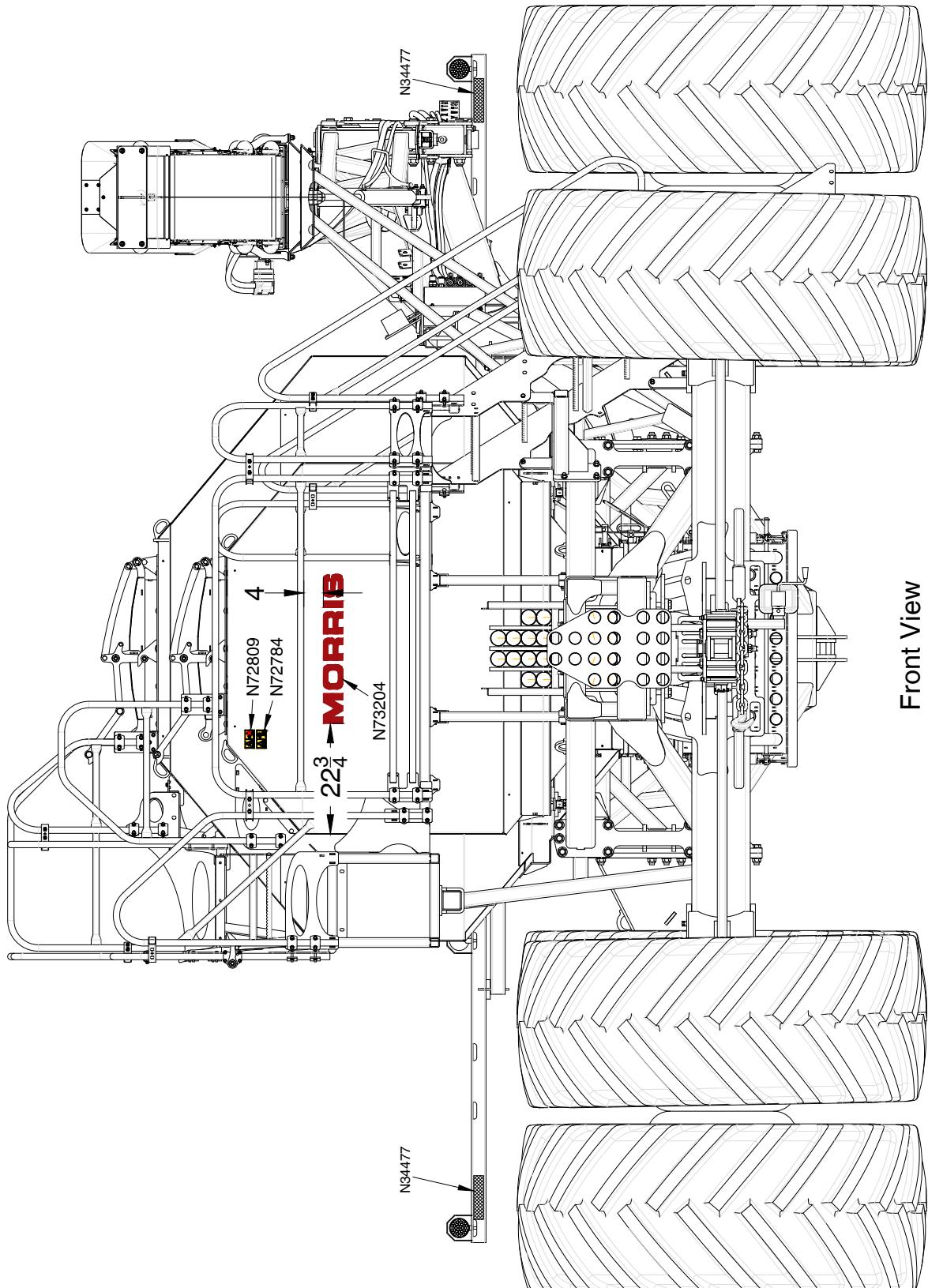
Decals

Part #	Description	QTY
Tanks		
Frame		
N45427	Decal - "Seed Plate Usage" (VRT ONLY).....	1
N45429	Decal - Patented	1
N55496	Decal - Patented	1
11547	Patent - Pending	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 - Tow Between	1 per meter body
N73295	Decal - Collector Valve Position - Tow Behind	1 per meter body
N72797	Decal - Tank Shut-Off	1 per meter body
N72798	Decal - Seed Plate Setting.....	1 per meter body
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.

Safety Signs

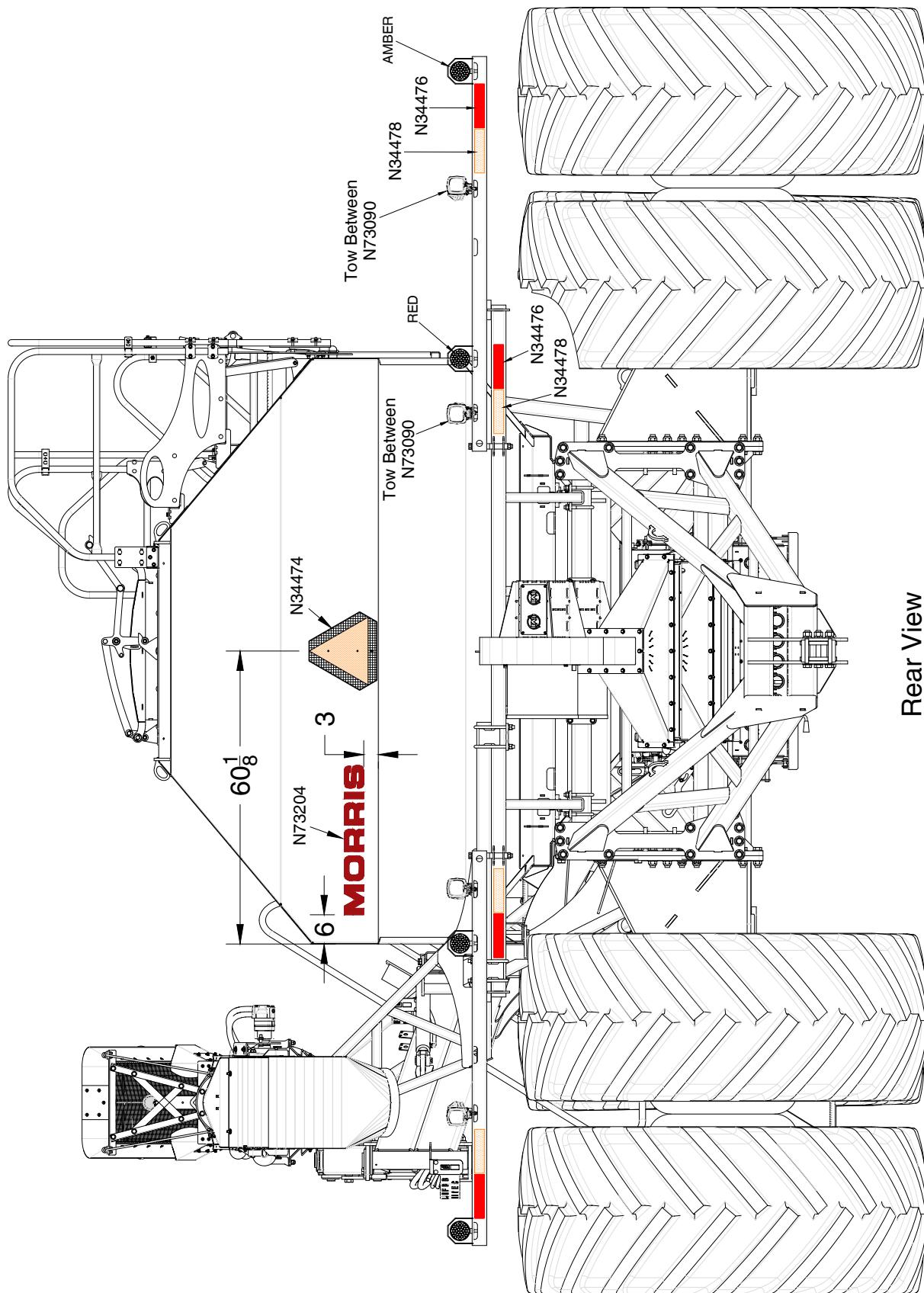
Front



Front View

Safety Signs

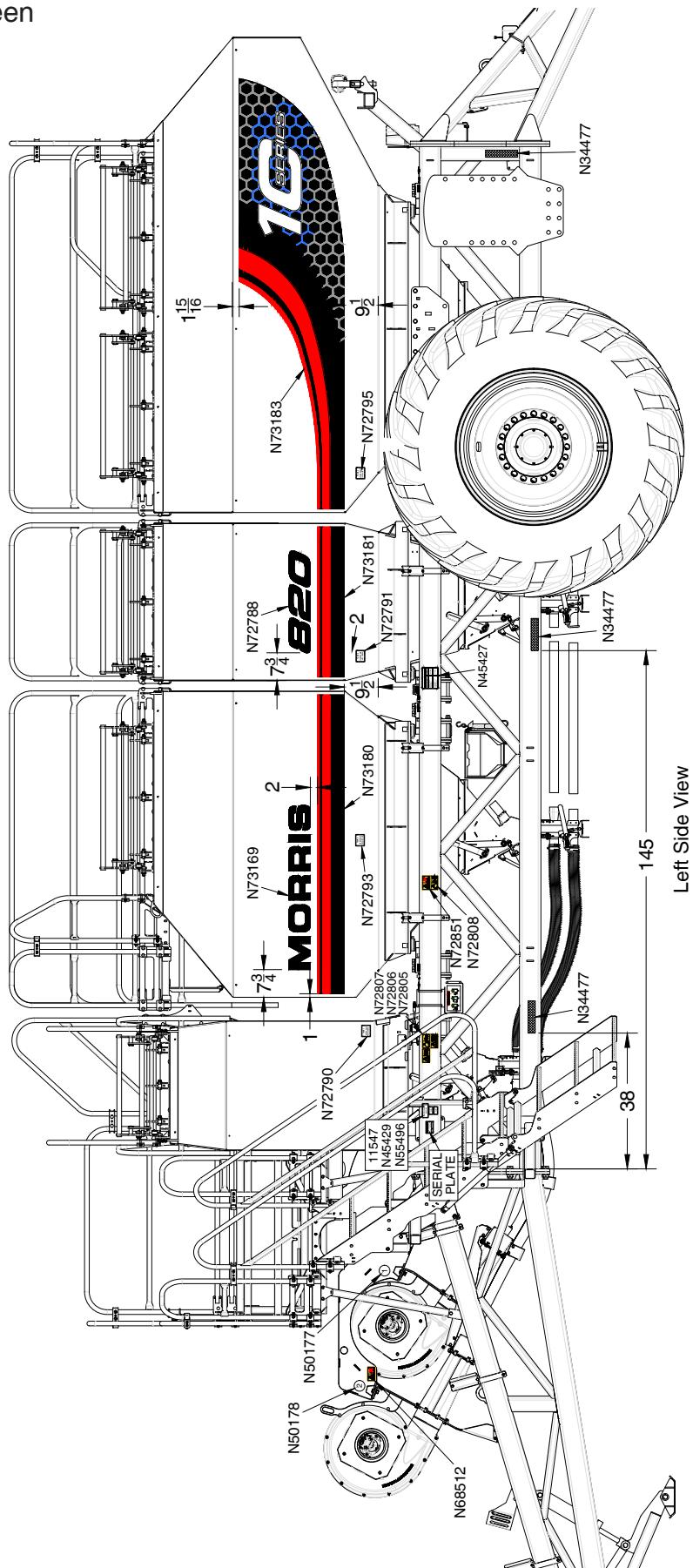
Rear



Rear View

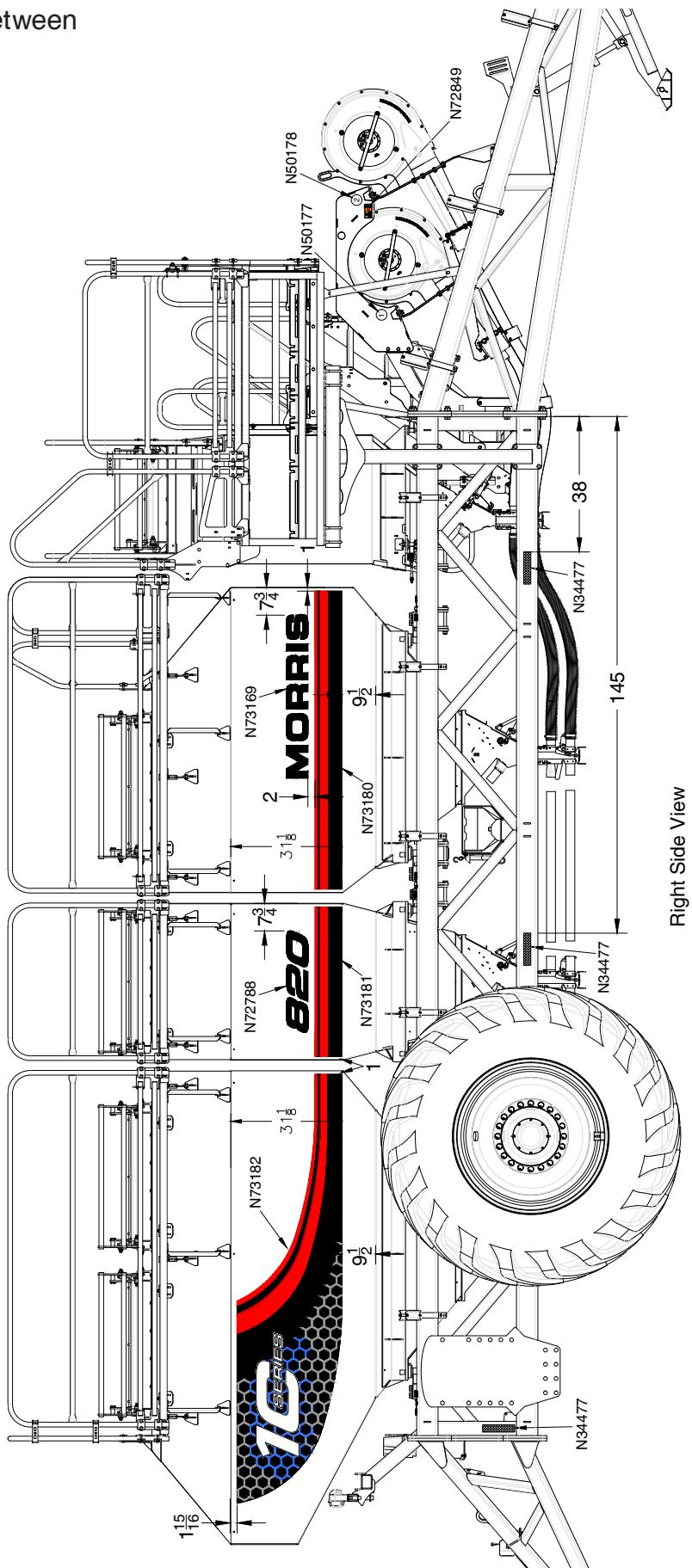
Safety Signs

Left Side - Tow Between



Safety Signs

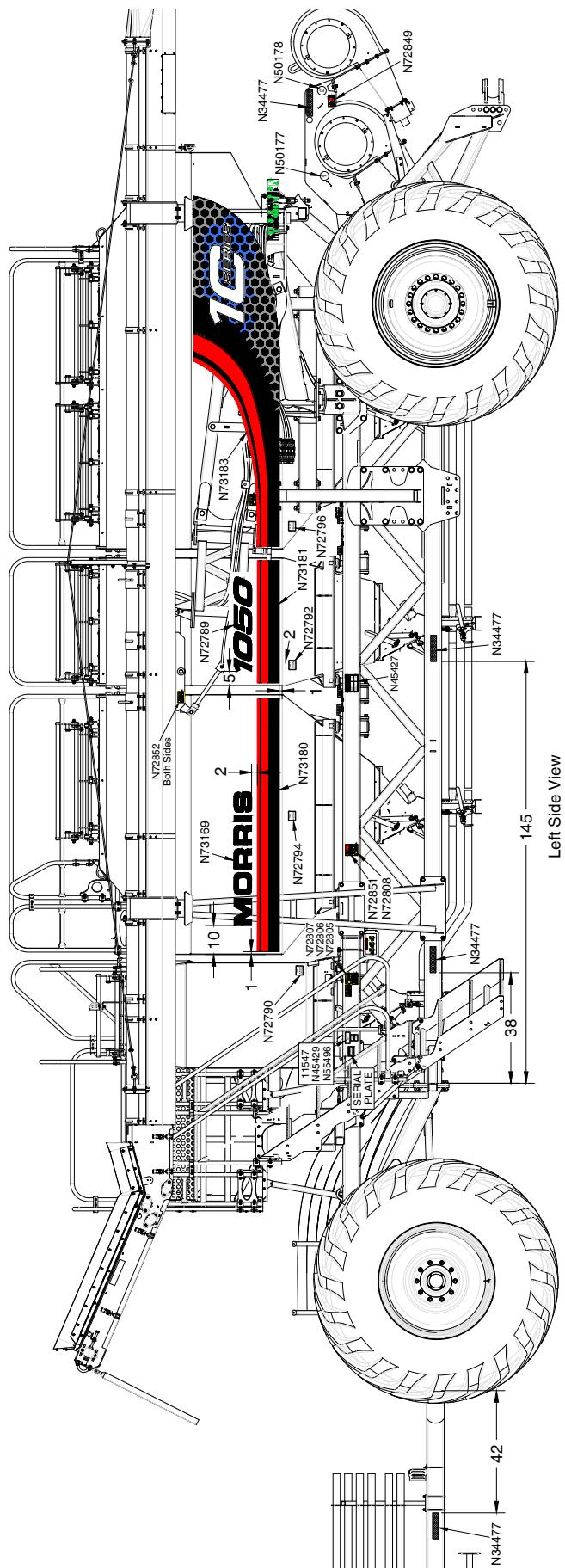
Right Side - Tow Between



Right Side View

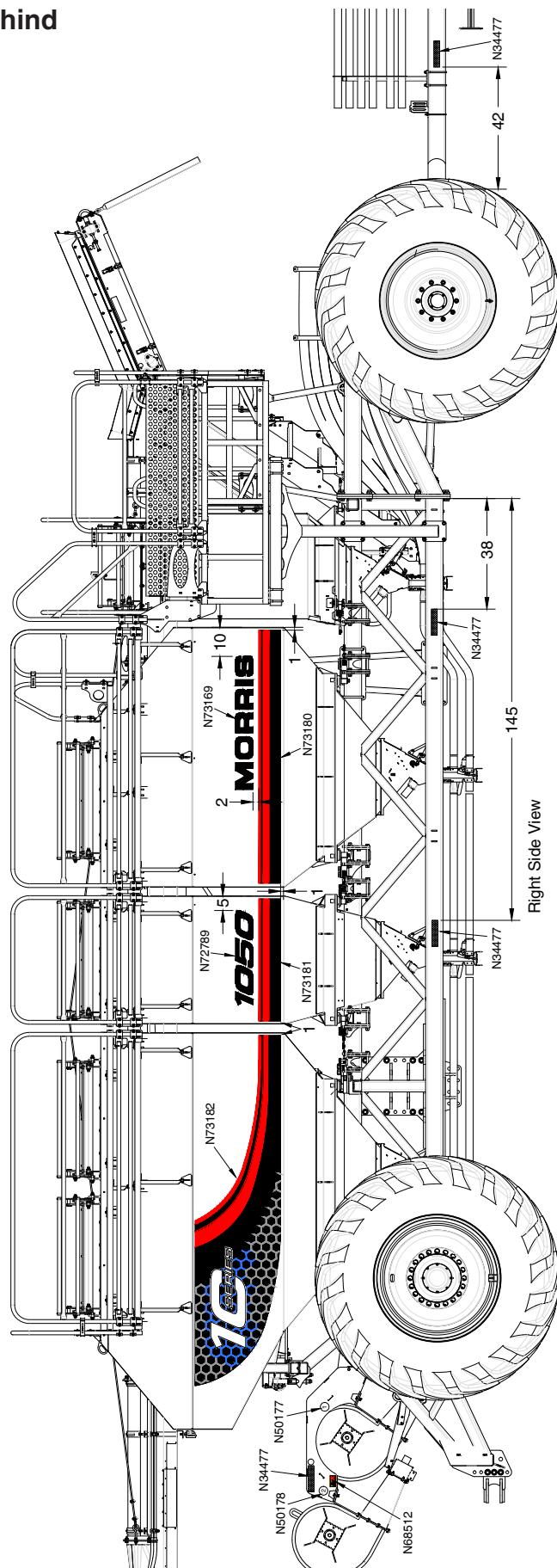
Safety Signs

Left Side - Tow Behind



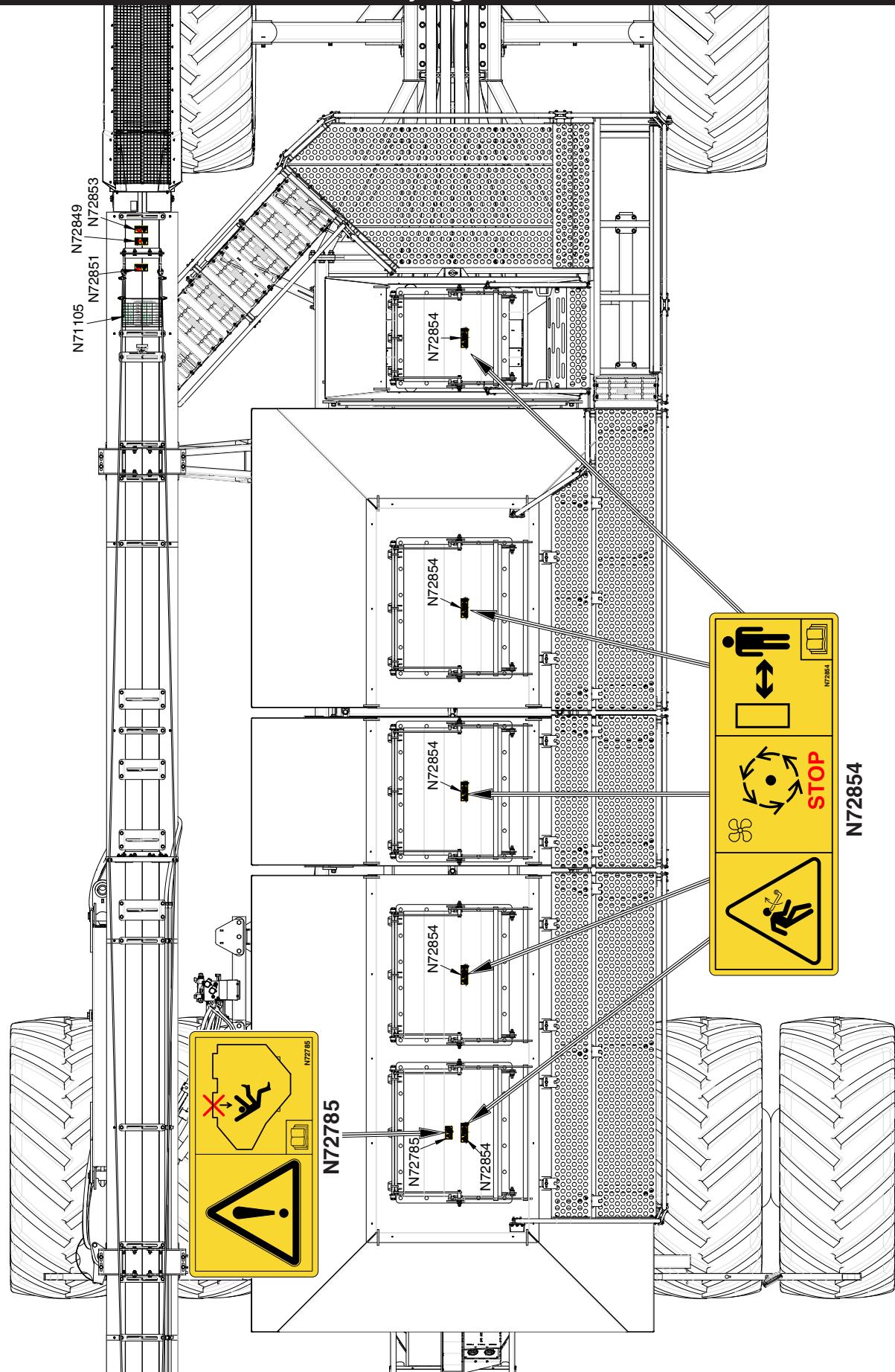
Safety Signs

Right Side - Tow Behind



Safety Signs

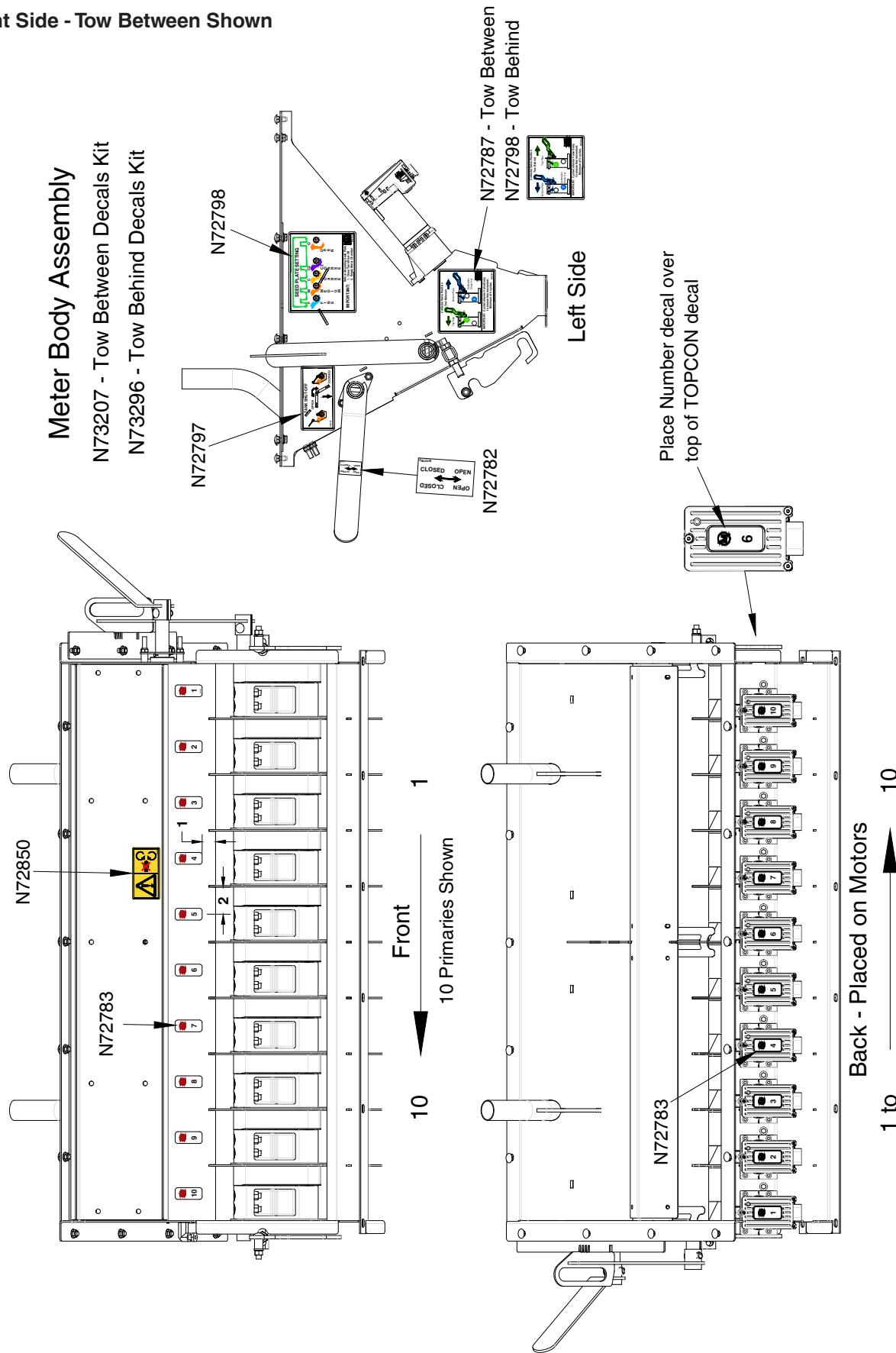
Top



Safety Signs

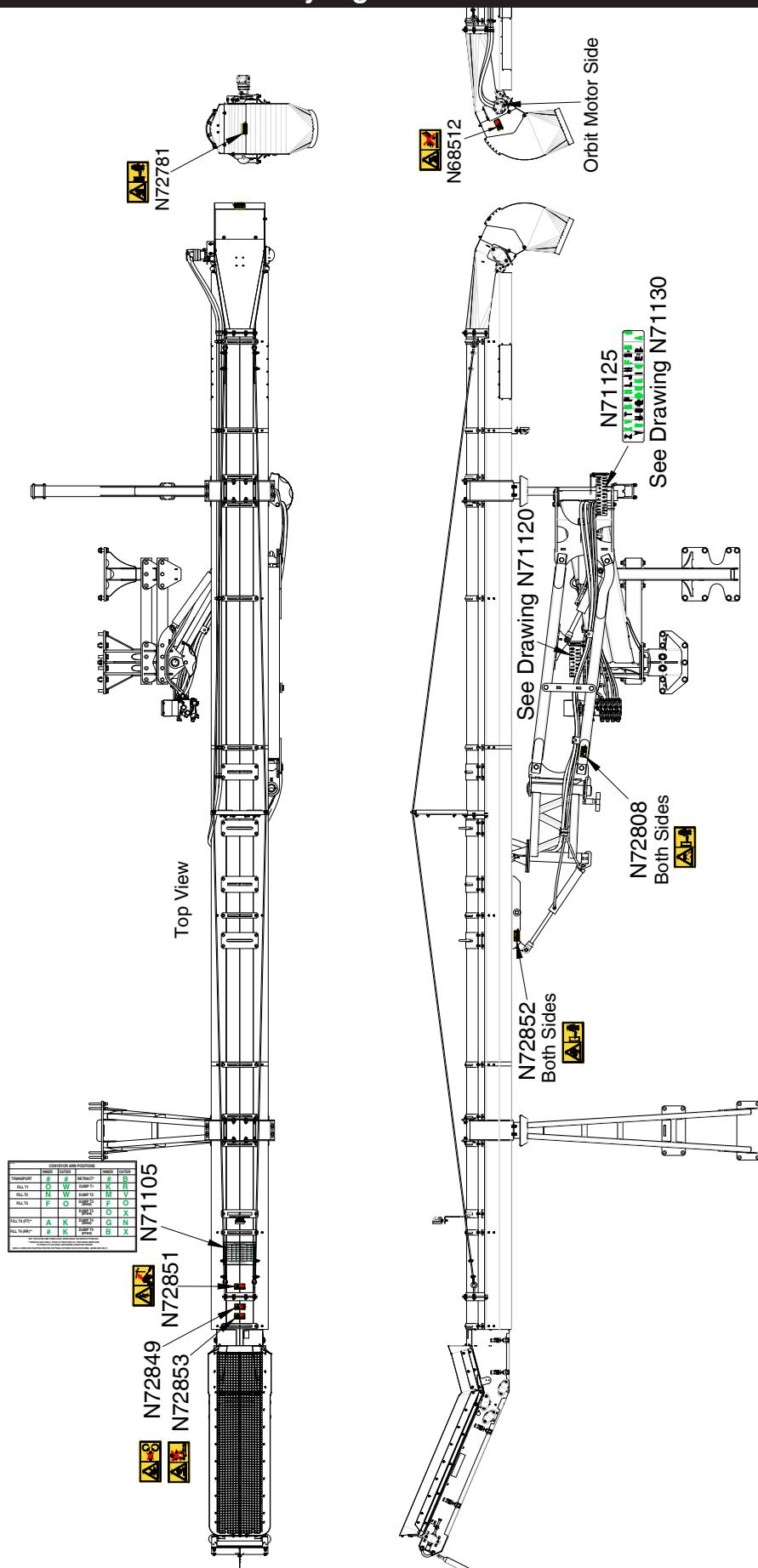
Meter Body Decals

Right Side - Tow Between Shown



Safety Signs

Conveyor



Notes

Index

<p>7237 7-11 7238 7-11, 7-12 7263 7-11 7264 7-11 7267 7-11 7276 7-12 7502 7-11 7503 7-12 7506 7-11, 7-12 7507 7-12 7513 7-11 7515 7-12 7516 7-12 7538 7-11 7539 7-11 7543 7-11 7546 7-12 7568 7-12 7603 7-12 7619 7-11 7686 7-11 7994 7-12 7997 7-12 7998 7-12 9016 7-11 10229 7-2</p> <p>A A74015 9-9 A74045 9-7 A74085 9-3</p> <p>C C-219 2-5, 2-11, 3-27, 11-3 C-231 2-13 C-304 5-3 C-695 11-4, 6-4 C-699 2-13 C-705 2-7, 2-13, 2-17, 6-4 C-728 2-15 C-1124 6-4 C-1550 10-11 C-3525 2-11 C-3919 6-4 C-4072 2-7, 2-17 C-4392 9-10 C-4394 8-11, 8-13, 8-15 C-4709 2-7, 2-13, 2-17 C-5561 2-21, 7-9 C12609 2-15 C13447 2-13, 2-21 C14840 9-10 C15330 2-3 C15348 2-3, 9-10 C15768 2-2, 2-9</p> <p>D D-4838 D-4932 10-11 D-4951 11-3, 12-3 D-5239 2-2, 2-9 D-5244 6-4 D-5258 4-5, 4-7, 4-11, 4-13, 4-22 D-5259 4-7 D-5260 3-27, 3-9, 3-29 D-5272 2-7, 2-17, 3-23, 3-25 D-5273 2-5, 2-11, 2-13, 2-15, 6-4 D-5274 2-5, 2-7, 2-9, 2-11, 2-13, 2-15, 2-17, 2-21, 6-4 D-5277 4-5, 4-7, 10-5, 10-7, 10-9 D-5278 3-27, 4-7, 12-3 D-5279 11-3, , 4-11, 4-13, 10-11 D-5489 3-19, 3-11, 3-13, 3-15, 3-17, 3-21, 7-5, 7-7, 7-9, 10-11 D-5498 2-5, 2-9, 2-11, 2-21, 6-4 D-5500 4-11, 4-13 D-5519 2-9, 3-27, 2-19 D12821 3-19, 3-5, 3-7, 3-9, 3-11, 3-13, 3-15, 3-17, 3-21, 3-27, 3-29 D12903 2-21 D14565 3-7, 3-5, 3-9</p> <p>E E73512 1-3 E73515 1-5</p> <p>F F-1767 , 5-2 F-3405 2-9, 3-27, 3-29, 2-19, 6-4 F-4642 2-9, 2-19, 3-27</p>	<p>H H-1790 3-11, 3-13, 3-15 H-4321 2-13 H-4693 2-15 H10592 2-9, 2-19, , 10-9 H24393 8-11, 8-13, 8-15</p> <p>J J12190 3-27, 3-23, 3-25 J12217 2-7, 2-17, 3-23, 3-25 J12281 6-4 J12344 2-5, 2-7, 2-9, 2-11, 2-17, 2-21, 6-4</p> <p>K K-3830 4-11, 4-13 K-5478 2-5, 2-11 K45685 10-2 K45686 10-2 K51086 2-19 K53438 2-5, 2-13 K53616 8-3, 8-5, 8-7, 8-11, 8-13, 8-15 K62129 8-3, 8-5, 8-7, 8-11, 8-13, 8-15 K62131 8-3, 8-5, 8-7, 8-11, 8-13, 8-15 K62977 10-11 K65177 5-2 K65178 5-2 K65885 ii K73230 8-9, 8-11, 8-13, 8-15</p> <p>M M-3388 2-7, 2-17, 3-29, 10-11</p> <p>N N11457 4-11, 4-13 N11461 7-2 N11621 2-5, 2-11, 6-4 N11847 4-11, 4-13 N11907 4-15, 4-17, 4-19, 4-21 N13968 5-2, 5-3 N15096 6-3 N15098 , 2-21, 4-22, 10-11 N15716 7-5, 11-3 N15757 6-4 N15990 8-3, 8-5, 8-7, 8-9, 8-11, 8-13, 8-15 N16143 8-17, 9-10 N16346 8-7 N16563 10-5, 10-7, 10-9</p>	<p>N16564 10-5, 10-7, 10-9 N19277 ii N19428 4-15, 4-17, 4-19, 4-21 N19449 4-11, 4-13 N19563 4-22 N19578 8-17 N19723 12-5 N21728 2-13, 2-15 N22778 11-3, 4-11, 4-13, 4-22 N27613 11-3 N27614 11-3 N27615 11-3 N28997 2-2, 2-9 N29048 11-3, 12-3 N29151 11-3 N29152 11-3 N29153 11-3 N29358 8-17 N29384 11-3 N29385 11-3 N29486 , 10-7, 10-9, 10-5 N32769 4-4 N33243 5-2 N33244 5-2 N33245 5-2 N33407 4-5, 4-7 N33547 5-2 N33548 5-2 N33549 5-2 N33550 5-2 N34423 2-13 N34476 12-3 N34477 12-3 N34478 12-3 N34488 8-9, 8-11, 8-13, 8-15 N34498 , 8-3, 2-3, 8-5, 8-7, 8-9, 8-13, 8-15 N34503 2-3 N36114 4-11, 4-13 N36225 2-13 N36228 2-13 N36382 8-11, 8-13, 8-15 N36830 6-3 N37049 N37183 4-22 N37190 4-7, 4-11, 4-13 N37404 2-3 N37622 3-5, 3-7, 3-9, 3-11, 3-13, 3-15, 3-17, 3-19, 3-21, 3-27, 3-29 N37638 N37646 4-11, 4-13 N37829 4-22</p>
---	---	--

N37914	8-3,8-5,8-7,8-9,8-11,8-13,8-15	N53352	7-5	N64583	8-3,8-5,8-7,8-11,8-13,8-15	N69758	8-11,8-13
N37915	8-9,8-11,8-13,8-15	N53360	7-5	N64584	8-3,8-5,8-7,8-11,8-13,8-15	N69759	8-3,8-5
N37917	4-11,4-13	N53387	11-3	N64899	3-23,3-25	N69762	8-11,8-13,8-15
N40688	4-11,4-13	N53388	11-3	N65056	10-2	N69763	8-3,8-5
N40748	12-5	N53389	11-3,11-4	N65130	10-2	N69764	8-3,8-5,8-11,8-13
N42091	3-27	N53391	11-3	N65745	2-13	N69766	8-5,8-11,8-13,8-15
N42163	4-11,4-13	N53393	11-3	N65810	9-10	N69768	8-9,8-11,8-13,8-15
N42220	4-22	N53395	11-3	N66615	3-17,3-19,3-21	N69769	8-17
N42510	2-7,2-17	N53397	11-3	N66635	3-11,3-15,3-17,3-21	N69772	8-3,8-5
N42880	2-3	N53451	11-4	N67030	10-2,10-5,10-7	N69773	8-3,8-5,8-7
N42881	2-3	N53452	11-4	N67031	10-5,10-7	N69775	8-3,8-5,8-7
N44584	2-13	N53453	11-4	N67033	10-5,10-7	N69776	8-5
N44710	2-5,2-13	N53471	4-4,4-11,4-13	N67038	9-9,10-5,10-7,10-11	N69777	8-3,8-5,8-7,8-11,8-13
N47700	2-13,6-3	N53571	11-3	N67045	10-11	N69778	8-11,8-13
N47735	2-2,2-9	N53577	11-3,2-9,2-19	N67046	10-11	N69779	8-11,8-13
N47738	2-2,2-9	N53578	11-3	N67034	10-2	N69780	8-17
N48612	4-4	N53579	11-3	N67035	10-2	N69781	8-11,8-13
N48621	4-4	N53588	11-4	N67036	10-2	N69782	8-11,8-13
N49396	2-2,2-9	N53650	11-3	N67038	9-9,10-5,10-7,10-11	N69783	8-5,8-11,8-13
N49460	9-10	N53653	11-3	N67615	10-7	N69784	8-11,8-13
N49643	2-5,2-11,2-13,6-4	N53654	11-3	N68001	10-11	N69785	8-11,8-13
N50031	4-9	N53820	2-13	N68003	10-3	N69786	8-11,8-13
N50365	12-3	N55140	2-13	N68004	10-3	N69787	8-11,8-13
N50366	12-3	N55179	3-27,3-29	N68005	10-3	N69788	8-11,8-13
N50545	3-29	N55610	2-15	N68030	4-5,4-7	N69789	8-3,8-5,8-7,8-11,8-13
N51440	4-11,4-13	N55685	6-3	N68040	4-5,4-7	N69790	8-11,8-13
N51441	4-11,4-13	N55800	4-7	N68119	4-7	N69791	8-17
N51444	4-11,4-13	N55840	11-3	N68430	4-3	N69792	8-17
N51530	4-4	N55984	10-2	N68530	2-5	N69793	8-17
N51533	4-4	N55985	10-2	N68531	2-5	N69794	8-17
N51789	4-22	N56076	11-3	N68700	2-5,2-11	N69795	8-17
N51790	4-22	N56504	10-2	N68710	3-25	N69796	8-17
N51885	7-10	N56511	9-3,10-5,10-7	N68720	3-25	N69797	8-17
N51905	2-15	N56519	10-2,10-5,10-7	N68742	3-23,3-25	N69798	8-17
N51910	2-13	N56747	2-2	N68775	3-25	N69802	8-9
N51920	2-15	N58091	2-13	N68790	2-21	N69803	8-9
N51933	2-15	N58576	8-17	N68931	3-25	N69804	8-9,8-11,8-13,8-15
N51945	2-13	N58602	8-3,8-5,8-7,8-11,8-13,8-15	N68933	3-25	N69806	8-3,8-5,8-7,8-11,8-13,8-15
N51995	,4-4	N58606	8-3,8-5,8-7	N69180	3-5,3-7,3-25	N69825	9-3,9-10
N52683	11-3	N58608	8-3,8-5,8-11,8-13,8-15	N69294	4-15,4-17,4-19,4-21	N69832	9-10
N53014	4-11,4-13	N58616	8-3,8-5,8-7,8-17	N69490		N69833	9-10
N53054	10-2,10-7	N58621	8-17	N69738	2-9,2-19	N69860	7-11,7-12
N53098	4-11,4-13	N58776	10-12	N69739	2-9,2-19	N69861	7-11
N53100	2-13	N58965	10-2	N69741	2-19	N69868	8-11,8-13,8-15
N53101	2-13	N59012	10-5,10-7	N69742	2-9,2-19	N69869	8-11,8-13
N53105	2-13,2-15	N59028	6-4,8-17	N69746	2-9	N69870	,7-3
N53108	2-15	N59885	4-11,4-13,10-5,10-7	N69747		N69871	7-3
N53110	2-15	N60937		N69748	2-9	N69873	8-9
N53125	2-15	N60945	10-12	N69749	2-9	N69879	2-9,2-19,8-9
N53130	2-15	N62371	10-2	N69752	8-3,8-5,8-7	N69949	,7-5
N53132	2-13	N64399	2-21	N69753	8-3,8-5,8-7	N69970	,7-5
N53149	2-13	N64502	10-2	N69754	8-3,8-5,8-7	N70310	4-8
N53166	2-9	N64530	ii,3-23,3-25	N69755	8-3,8-5,8-7		
N53273	2-13			N69757	8-5		
N53276	2-13						
N53351	7-5						

N70320	1-3, 1-5, 4-5, 4-7	N70564	4-11, 4-13	N70928	3-5	N71195	2-7, 2-17
N70321	4-2	N70565	4-11, 4-13	N70929	3-15	N71197	2-7, 2-17
N70325	4-3	N70566	4-11, 4-13	N70932	3-7	N71200	3-21
N70343	2-13, 2-15	N70569	4-11, 4-13	N70934	4-15, 4-17, 4-19, 4-21	N71205	3-19
N70345	2-5, 2-21	N70582	3-5, 3-7, 3-9	N70935	3-7	N71210	3-17
N70346	2-7, 2-17	N70589	2-11	N70936	3-15	N71215	3-9
N70347	2-7, 2-17	N70600	3-27	N70938	4-15, 4-17, 4-19, 4-21	N71220	3-15
N70348	2-7, 2-17	N70603	2-19	N70939	3-27	N71225	3-13
N70367	4-11	N70604	3-17, 3-19, 3-21	N70940	3-7	N71230	3-11
N70368	2-9, 2-19, 10-5, 10-7, 10-9	N70608	2-19, 3-27	N70953	3-27	N71243	
N70370	4-7	N70611	2-9	N70955	3-9	N71245	2-15
N70374	2-9, 2-19, 10-5, 10-7, 10-9	N70630	3-17, 3-19, 3-21	N70960	3-27	N71246	
N70401	12-5	N70657	3-15, 3-21	N70965	2-9	N71251	5-3
N70402	12-5	N70659	3-13, 3-19	N70970	3-27	N71253	5-2, 5-3
N70403	12-5	N70662	3-11, 3-17	N70972	3-9	N71254	5-2
N70405	4-7, 10-5, 10-7, 10-9	N70667	3-15, 3-21	N70975	3-27	N71275	
N70407	2-9, 2-19, 11-3	N70669	3-13, 3-19	N71000	3-9, 3-23	N71285	
N70410	3-11, 3-13, 3-15	N70670	3-11, 3-17	N71005	3-23	N71295	2-13
N70430	2-7, 2-17	N70673	3-27	N71010	3-23	N71305	2-7, 2-17, 10-9
N70431	11-3	N70683	3-29	N71015	3-23	N71308	2-7, 2-17
N70434	4-22	N70686	3-27	N71019	3-23	N71310	2-7, 2-17, 10-9
N70435	2-9, 2-19	N70689	3-27	N71020	2-11	N71312	2-7, 2-17
N70451	4-2, 4-3	N70699	2-7, 2-17	N71021	7-9	N71314	2-7, 2-17
N70460	1-3, 4-11, 4-15, 4-17	N70725	2-5	N71025	2-5, 2-11, 11-5	N71316	2-7, 2-17
N70481	3-9	N70750	2-11	N71028	3-23	N71320	2-7, 2-17, 10-9
N70482	4-2, 4-3	N70764	4-2, 4-3	N71030	11-5	N71322	2-7, 2-17
N70483	4-2, 4-3	N70766	4-5, 4-7	N71031	11-5	N71333	
N70484	4-2, 4-3	N70786	4-9, 4-11, 4-13	N71032	2-5, 2-11, 5-3	N71338	2-7, 2-17
N70485	, 8-17, 8-18	N70788	4-11, 4-13	N71033	5-3	N71346	2-5
N70486	8-17	N70790	4-5, 4-7	N71034	5-3	N71348	2-7, 2-17
N70488	4-2, 4-3	N70794	4-8	N71035	5-3, 11-5	N71351	3-5, 3-7, 3-27
N70499	, 4-2	N70797	4-5, 4-7	N71036	5-3	N71352	2-7, 2-17
N70502	4-11, 4-13	N70799	4-5, 4-7	N71037	5-3	N71360	3-7
N70506	1-5, 4-13, 4-19, 4-21	N70801	4-7	N71038	5-3	N71365	3-5, 3-7, 3-27
N70523	4-2, 4-3	N70807	4-9	N71039	5-3	N71366	2-7, 2-17
N70524	5-2	N70812	5-2	N71040	5-3	N71370	3-21
N70525	, 6-5	N70813	5-2	N71041	5-3	N71371	3-5, 3-7
N70526	, 4-2	N70814	5-2	N71042	5-3	N71372	2-7, 2-17
N70527	, 4-2	N70816	5-2	N71043	5-3	N71375	3-15, 3-21
N70530	, 6-5	N70820	3-5	N71044	5-3	N71380	3-13, 3-19
N70531	4-11, 4-13	N70825	3-5	N71045	2-13	N71381	3-21
N70532	4-2	N70832	3-5, 3-11	N71090	2-19	N71385	3-11, 3-17
N70533	4-2, 4-3	N70850	2-13, 2-21	N71101	3-23, 3-25	N71390	3-27
N70535	, 6-5	N70871	11-4	N71107	3-23, 3-25	N71405	3-29
N70536	, 6-5	N70874	2-15, 5-2	N71110		N71425	2-5
N70539	4-2, 4-3	N70881	11-4	N71120		N71435	3-29
N70540	4-7	N70882	2-21	N71128	3-27	N71445	11-3
N70541	4-13	N70884	11-3, 11-4	N71130		N71460	2-5, 2-11, 12-3
N70542	4-2, 4-3	N70885	2-5, 2-21	N71135		N71465	2-21
N70548	4-5, 4-7	N70890	2-21	N71138	6-3	N71469	5-3
N70552	4-2, 4-3	N70895	3-11, 3-13, 3-15	N71140	3-11, 3-13, 3-15, 3-17, 3-19, 3-21	N71470	5-3
N70556	4-7	N70897	3-11, 3-13, 3-15	N71142		N71471	5-3
N70558	4-5, 4-7	N70900	6-4	N71145		N71473	5-3
N70560	4-2	N70901	3-11, 3-13, 3-15	N71183	2-7, 2-17	N71474	5-2, 5-3
		N70907	7-5, 7-7, 7-9, 7-10	N71192	2-7, 2-17	N71476	5-3
		N70910	2-13			N71490	2-5, 2-11
		N70925	3-5, 3-7	N71192	2-7, 2-17	N71525	
						N71530	

N71535	N73163 11-3	N74108 9-3	N74249 10-5, 10-7
N71540	N73164 11-3	N74110 9-5, 9-7	N74256 10-2, 10-3
N71545	N73165 11-3, 12-3	N74112 9-5	N74270 10-11
N71550	N73167 12-5	N74113 10-5, 10-7, 10-9	P
N71555	N73179 9-7	N74115 9-5, 9-7	P7C616 3-21, 3-5, 3-7, 3-9, , 4-22, 6-4
N71560	N73209	N74117 9-7	P106023 2-15
N71563	N73294 12-5	N74118 9-7	S
N71565	N73295 4-13	N74122 9-3, 9-5, 9-9	S-752 , 5-2, 6-3
N71567 2-5, 2-11	N73320 7-7, 7-9	N74123 9-5	S-776 7-7, 7-9, 7-10
N71573	N73322 7-10	N74124 9-7, 9-9	S-951 6-4
N71575	N73323 7-10	N74125 9-3, 9-5	S-1198 3-23, 3-25, 4-9
N71580	N73324 7-7, 7-9	N74126 , 9-10	S-1292 , 4-7
N71597 3-23, 3-25, 3-27	N73567 2-9, 2-19	N74127 , 9-10	S-1925 7-7, 7-9, 7-10
N71603 2-11	N73710 8-18	N74129 , 9-10	S26462 6-3
N71832 , 10-7, 10-9, 10-5	N73711 8-18	N74130 , 9-3, 10-7	S27987 3-5, 3-7, 3-19, 2-21, 3-21, 3-27, 3-29, 3-9, 2-9, 3-13, 2-13, 3-15, 2-15, 3-17, 2-19, 4-8, 3-11, 4-22, 6-4, 7-7, 7-9, 7-10, 7-5, 10-9, 8-9, 10-11
N72030 10-2	N73712 8-18	N74131 9-9	S28159 3-27, 3-5, 3-7,
N72205 , 4-2	N73713 8-18	N74132 9-7, 9-9	S29967 4-7
N72320 10-2	N73714 8-18	N74133 9-3, 9-5, 9-7, 9-9	S31980 4-7
N72332 4-5, 4-7	N73715 8-18	N74134	S32590 2-15
N72336 4-5, 4-7	N73716 8-18	N74135 9-5, 9-9	S33420 4-7
N72337 4-5, 4-7	N73717 8-18	N74136 9-9	S39505 8-3, 8-5, 8-7, 8-11, 8-13, 8-15
N72338 4-5, 4-7	N73718 8-18	N74145 9-7	S39545 2-2, 2-9
N72549 ii	N73719 8-18	N74146 9-3, 9-5	S39559 3-27
N72592 4-21	N73720 8-18	N74147 9-9	S39569 2-15
N72787 4-11	N73721 8-18	N74151 , 9-7	S39649 6-3
N72800 ii	N73750 7-2	N74152 , 9-7	S39658 6-3
N72801 ii	N73751 7-2	N74153	S39780 6-4
N72999 9-3, 9-10	N73752 7-2	N74154 9-5, 9-7	S40579 2-15
N73000 9-3	N73753 7-2	N74155 9-5, 9-7	S42294 9-3, 9-5, 9-9
N73002 9-3	N73754 7-2	N74181 9-5	S42784 2-2, 2-9
N73003 9-3	N73755 7-2	N74182 9-5	S44397 3-23, 3-25
N73005 9-3	N73756 7-2	N74185 9-5	S44449 2-13
N73021 10-5, 10-7, 10-9	N73757 7-2	N74186 9-5	S45280 4-4, 2-7, 2-17
N73022 10-5, 10-7, 10-9	N73758 7-2	N74187 9-5	S53814 2-13
N73023 4-7, 10-5, 10-7	N74000 10-5, 10-7	N74188 9-5	S53816 2-13
N73024 4-2, 4-3, 10-5, 10-7	N74001 10-5, 10-7	N74190 9-3	S64210
N73025 10-5, 10-7	N74002 10-5, 10-7	N74191 9-3	S64310 2-5
N73027 9-5	N74003 9-9, 10-5, 10-7	N74192 9-5	S64325 6-3
N73028 9-5	N74005 9-5, 10-5, 10-7	N74196 9-3	S64944 6-3
N73029 9-5	N74016 9-9	N74197	S64958 6-3
N73052 , 9-3	N74020 9-3	N74198 9-3	S68006 10-11
N73053 , 9-3	N74025 9-3	N74219 9-5	S68415 12-5
N73068 4-15, 4-17, 4-19, 4-21	N74030	N74220 9-3, 9-10	S69855 8-9
N73076 4-15, 4-17, 4-19, 4-21	N74040 9-5	N74222 9-9, 10-5, 10-7, 10-11	S72094 10-11
N73088 12-5	N74050 9-5	N74224 9-3	S72190 10-11
N73090 12-3, 12-5	N74057 9-3	N74225 9-3	S72200 10-11
N73092 12-3, 12-5	N74059 9-3	N74226 9-5	S72292 10-11
N73093 12-5	N74061 9-3	N74227 9-3, 9-10	S73107 ii
N73094 12-5	N74062 9-3	N74228 9-9	S73263 10-11
N73095 12-5	N74066	N74232 9-7	
N73096 12-3, 12-5	N74072 9-5	N74233 9-7	
N73097 12-5	N74101 9-3	N74235 9-3, 9-5	
N73098 12-5	N74102 9-3	N74236 9-9	
N73099 12-5	N74103 9-3	N74240 9-7	
N73100 12-5	N74104 9-3	N74244 10-2	
N73100 12-5	N74105 9-3	N74245 10-12	
N73162 11-3	N74106 9-3	N74248 10-5, 10-7	

S73264 10-11 S73265 10-11 S73602 8-9 S73603 8-9 S73604 8-9	W-1308 3-23, 3-25 W-1552 4-11, 4-13, 6-4 W-1553 2-7, 2-17 W-1854 2-7, 2-9, 2-13, 2- 17, 2-19, 3-27, 2-15 W-3687 2-13 W-4181 6-4		
T T-5266 3-29, 3-5, 3-7, 3-9			
W W-187 7-5, 7-7, 7-10, 10-11 W-469 4-4, 11-3, 4-7, 4-9, 4- 5, 10-7, 10-9, 10-5 W-470 4-11, 4-13 W-471 6-4, 11-3 W-475 11-3, 3-19, 3-21, 3- 9, 2-9, 3-13, 3-15, 3-17, 2- 19, 3-11, 6-4, 7-9, 7-10 W-476 3-23, 3-25 W-477 4-11, 4-13 W-480 2-9, 2-19, 10-11 W-485 3-27 W-486 6-4 W-488 7-7, 7-9 W-490 7-2 W-491 2-7, 2-17 W-498 2-15 W-510 2-7, 2-17 W-512 4-4, 4-11, 4-13 W-514 3-29, 2-9, 4-2, 4-3, 4- 7, 4-11, 4-13 W-516 2-7, 2-17, 2-19, 3- 27, 2-13, 3-23, 3-25, 7-7, 7- 9, 7-10 W-517 2-5, 2-9, 2-11, 2- 19, 3-27, 2-15, 6-4 W-518 2-7, 2-11, 2-17, 2- 21, 6-4, 7-7, 7-9 W-520 2-7, 2-13, 2-17 W-521 4-4 W-522 11-3, 6-4 W-523 2-9, 3-13, 3-19, 3- 21, 3-29, 3-11, 3-15, 3-17 W-525 2-7, 2-17, 2-19, 3- 27, 2-13, 3-23, 3-25, 7-7, 7- 9, 7-10 W-526 2-5, 2-9, 2-11, 2- 19, 3-27, 2-15, 6-4 W-527 11-4, 2-7, 2-11, 2- 17, 2-21, 6-4, 2-7, 6-4, 7- 9, 7-7 W-535 2-13 W-538 4-11, 4-13, , 4-8 W-539 3-27, 3-23, 3-25, 4-7 W-544 9-3, 9-10 W-558 6-3 W-629 2-5, 2-11, 11-3 W-867 4-8			



www.morrisequipment.ca

1891 Albert Street North,
Regina, Saskatchewan
S4R 8R7 Canada
Phone: 306-933-8585
Fax: 306-933-8626

It is the policy of Morris Equipment Ltd. to improve its products whenever it is possible to do so.
Morris reserves the right to make changes or add improvements at any time without incurring
any obligation to make such changes on machines sold previously.