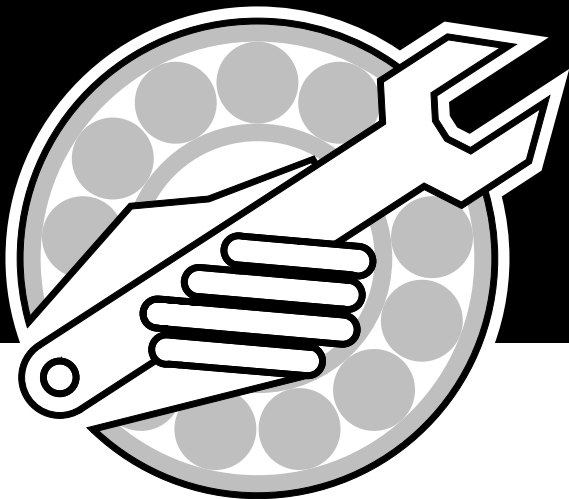




Parts Manual



9s Series Air Cart

Part Number N58348-02A

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
N53713	1K Red MORRIS Touch-Up Pen 12 ml
N53714	1K Silver MORRIS Touch Up Pen 12 ml
N53715	1K Red MORRIS Aerosol Can 400 ml
N53716	1K Silver MORRIS Aerosol Can 400 ml
N55450	2K Red Base MORRIS Aerosol Can 250 ml
N55451	2K Silver Base MORRIS Aerosol Can 250 ml
N55452	2K Clear Coat MORRIS Aerosol Can 250 ml
N55453	2K Grey Primer MORRIS Aerosol Can 250 ml
N31087	Sky White MORRIS Aerosol Can 360 ml

MANUALS

Part Number	Description
N58344	Ground Drive - Operator's Manual
N58346	VRT Drive - Operator's Manual
N55777	X30 - Operator's Manual
N58345	Assembly - Ground Drive
N58347	Assembly - VRT Drive

Table of Contents

Section 1:

Hopper and Frame	1-1
9240 Hopper Assembly	1-2
9252 Hopper Assembly	1-4
9300 Hopper Assembly	1-6
Third Tank Assembly	1-8
Tow Behind Frame	1-10
3 Meter Axle	1-12
Tow Between Frame	1-14
Castor Fork.....	1-16

Section 2:

Metering	2-1
Metering Body	2-2
Coated Metering Body	2-3
Collector Access Door	2-4
Optional Remote Clutch Switch.....	2-6
Remote Clutch Switch - C2 Contour and RAZR.....	2-8
Optional Clutch	2-9

Section 3:

Wheel & Hub	3-1
Front Wheels	3-2
Rear Wheels.....	3-3

Section 4:

Distribution	4-1
Single Shoot Tow Behind 9240 and 9300	4-2
Single Shoot Tow Behind 9252.....	4-4
Single Shoot Tow Between 9240 and 9300	4-6
Single Shoot Tow Between 9252.....	4-8
Dual Shoot Tow Behind 9240 and 9300	4-10
Dual Shoot Tow Behind 9252	4-12
Dual Shoot Tow Between 9240 and 9300.....	4-14
Dual Shoot Tow Between 9252.....	4-16
Third Tank - Tow Behind	4-18
Third Tank - Tow Between	4-19
Quick Coupler	4-20
Divider Head - 1 Outlets.....	4-22
Divider Head - 1 1/8 Outlets.....	4-28
Double Shoot Diverter Valve.....	4-34
Double Shoot Plenum	4-35
Stainless Head Conversion Kits	4-36

Section 5:

Transmissions - Ground Drive	5-1
Metering Drive - 9240 / 9300.....	5-2
Metering Drive - 9252.....	5-6
Metering Drive - Third Tank.....	5-10

Section 6:

Transmissions - Variable Rate	6-1
Metering Drive 9240 / 9300	6-2
Metering Drive 9252	6-4
Metering Drive Third Tank	6-6
Transmission Orbit Motor.....	6-8

Table of Contents

Section 7:

Fan	7-1
Crary Hydraulic Drive	7-2
Orbit Motor	7-3

Section 8:

Auger	8-1
8 Auger - 9240, 9252 and 9300	8-2
7 Auger - 9252	8-6

Section 9:

Hydraulics - Ground Drive	9-1
Tow Behind Hydraulic Drive w/o Auger	9-2
Tow Behind Hydraulic Drive w/Auger	9-4
Tow Between Hydraulic Drive w/o Auger	9-7
Tow Between Hydraulic Drive w/Auger	9-8
Tow Between Implement Hydraulics	9-10

Section 10:

Hydraulics - Variable Rate	10-1
Tow Behind Hydraulics w/o Auger	10-2
Tow Behind Hydraulics w/Auger	10-5
Tow Between Hydraulics w/o Auger	10-8
Tow Between Hydraulics w/Auger	10-10
Valve Manifold - 3 Bank	10-12
Valve Manifold Mounting	10-13
Transmission Orbit Motor	10-14

Section 11:

Monitors	11-1
Monitor - Ground Drive	11-2
AGTRON	11-7
TopCon Cart Variable Rate System	11-10
Apollo TopCon System	11-16

Section 12:

Options	12-1
Rear Tow Hitch - Tow Behind Cart	12-2
Rear Tow Hitch - Long - Tow Behind Cart	12-3
Hyd Extension Kit for Rear Tow Hitch	12-4
Hitch Extension Kit for Tow Between Cart	12-5

Section 13:

Lighting	13-1
9s Series Air Cart	13-2

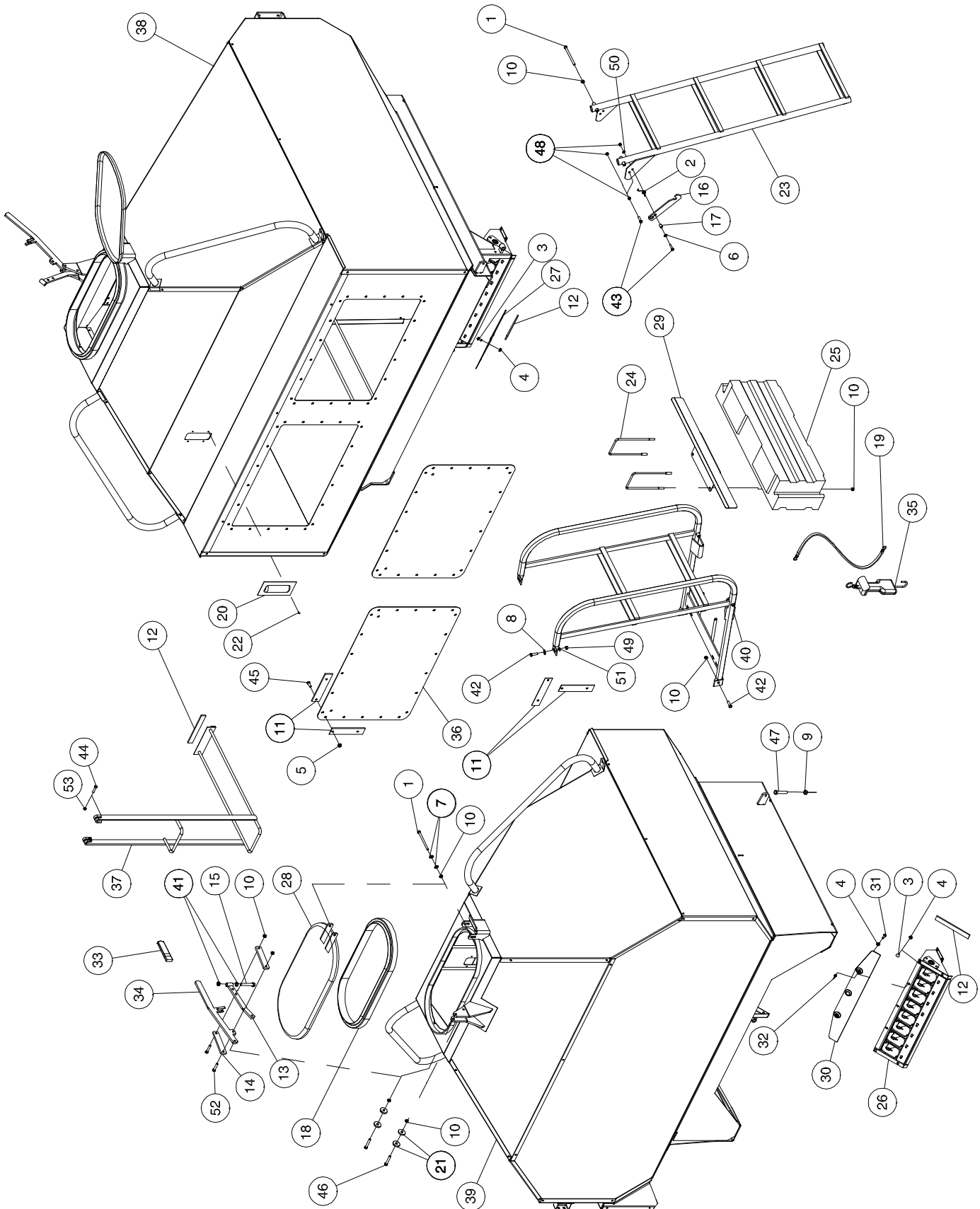
Index	i
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Section 1: Hopper and Frame

Section Contents

9240 Hopper Assembly	1-2
9252 Hopper Assembly	1-4
9300 Hopper Assembly	1-6
Third Tank Assembly	1-8
Tow Behind Frame	1-10
3 Meter Axle	1-12
Tow Between Frame	1-14
Castor Fork.....	1-16

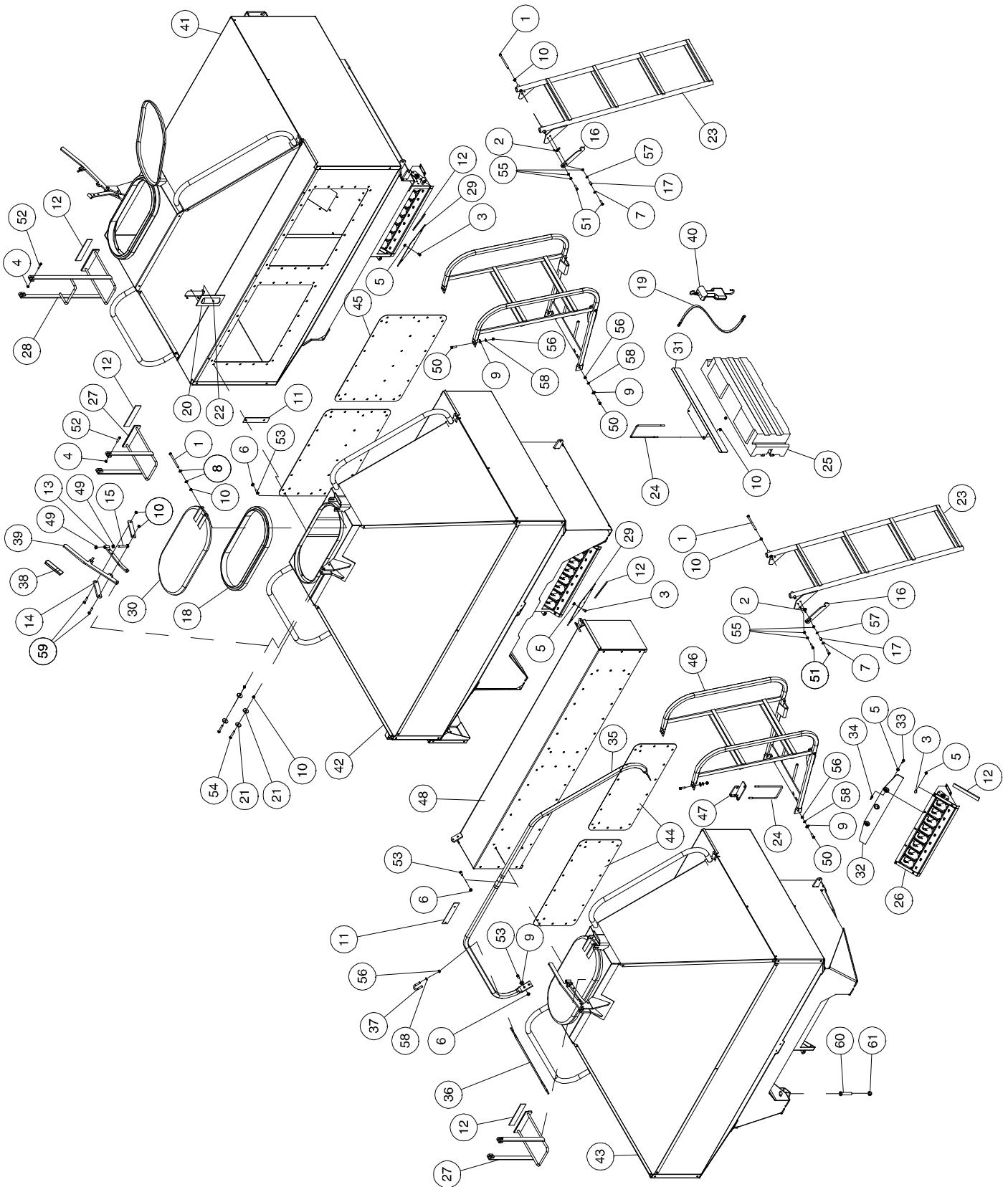
Hopper and Frame 9240 Hopper Assembly



Hopper and Frame - 9240 Hopper Assembly

Item	Part No.	Description	Qty
1	C-3918	Hex Bolt - 3/8 x 5 Lg.....	2
2	D-5098	Spring.....	1
3	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	44
4	D-5278	Locknut - 5/16 Flange	52
5	D-5279	Locknut - 3/8 Flange	48
6	D-5488	Washer - 11/32 ID x 11/16 OD x 16 Ga	1
7	D-5489	Washer - 13/32 ID x 13/16 OD x 16 Ga.....	4
8	D-5579	Washer - 13/32 ID x 1 OD x 16 Ga.....	2
9	F-3405	Locknut - 1/2 Unitorque.....	8
10	M-3388	Locknut - 3/8 Unitorque.....	18
11	N13900	Seal Strip - 3/16 x 1 3/4 (Bulk/ft)	37 ft
12	N15716	Seal Strip - 1/4 x 1 (Bulk/ft)	26 ft
13	N19108	Link	2
14	N19109	Link - 3/8 x 1 1/4 x 6 1/2 x 5 3/8 hole centers	4
15	N19127	Lid Bolt - 1/2 x 2 13/16 Lg	2
16	N19211	Lock Arm	1
17	N19366	Bushing - .334 ID x 1/2 OD x 5/8 Lg	1
18	N19496	Tank Lid Seal.....	2
19	N19563	Tie Strap - 10 Lg.....	1
20	N19791	Sight Glass.....	2
21	N21266	Wear Washer.....	8
22	N21450	Pop Rivet - Closed Head.....	8
23	N24792	Ladder - Lower	1
24	N25457	U-Bolt - 3/8 x 4 1/16 x 8 15/16 UL	2
25	N27005	Sample Collector.....	1
26	N27100	Meter Body.....	2
27	N27455	Blank Off Plate	4
28	N27715	Lid	2
29	N27856	Bracket - Sample Collector.....	1
30	N28831	Cover Plate - Meter Body	1
31	N29048	Hex Bolt - 5/16 x 1 Lg.....	2
32	N29049	Wing Nut - 5/16 Stainless Steel.....	2
33	N32769	Handle Cover	2
34	N32770	Tank Handle	2
35	N42220	Digital Hanging Scale.....	1
36	N44070	Tank Filler Panel	2
37	N44100	Ladder - Inner	2
38	N56241	Tank - Rear.....	1
39	N56242	Tank - Front	1
40	N56355	Handrail - Walkway.....	1
41	S-1292	Hex Jam Nut - 1/2	4
42	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	4
43	W-472	Hex Bolt - 5/16 x 1 1/4 Lg.....	2
44	W-473	Hex Bolt - 5/16 x 1 1/2 Lg.....	4
45	W-475	Hex Bolt - 3/8 x 1 Lg.....	48
46	W-479	Hex Bolt - 3/8 x 2 1/4 Lg.....	4
47	W-490	Hex Bolt - 1/2 x 2 1/2 Lg.....	8
48	W-513	Hex Nut - 5/16.....	3
49	W-514	Hex Nut - 3/8.....	2
50	W-522	Lockwasher - 5/16.....	1
51	W-523	Lockwasher - 3/8.....	2
52	W-619	Hex Bolt - 3/8 x 1 3/4 Lg.....	4
53	D-5272	Locknut - 5/16 Unitorque	4

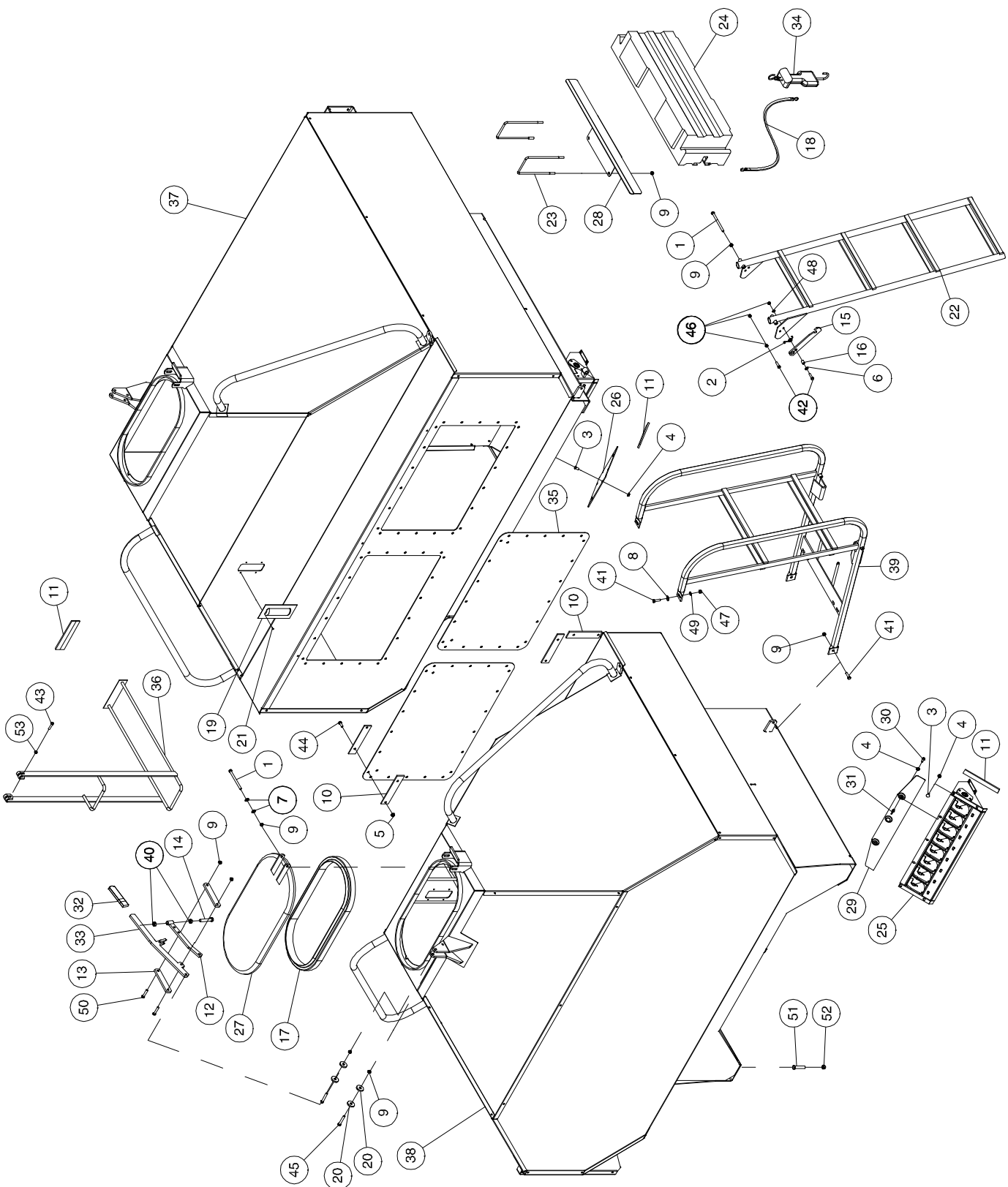
Hopper and Frame 9252 Hopper Assembly



Hopper and Frame - 9252 Hopper Assembly

Item	Part No.	Description	Qty
1	C-3918	Hex Bolt - 3/8 x 5 Lg.....	7
2	D-5098	Spring.....	2
3	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	81
4	D-5272	Locknut - 5/16 Unitorque	6
5	D-5278	Locknut - 5/16 Flange	81
6	D-5279	Locknut - 3/8 Flange	98
7	D-5488	Washer - 11/32 ID x 11/16 OD x 16 Ga	2
8	D-5489	Washer - 13/32 ID x 13/16 OD x 16 Ga.....	6
9	D-5579	Washer - 13/32 ID x 1 OD x 16 Ga.....	12
10	M-3388	Locknut - 3/8 Unitorque.....	23
11	N13900	Seal Strip 3/16 x 1 3/4 (Bulk/ft)	52.5ft
12	N15716	Seal Strip 1/4 x 1 (Bulk/ft)	52.5ft
13	N19108	Link	3
14	N19109	Link - 3/8 x 1 1/4 x 6 1/2 x 5 3/8 hole centers	6
15	N19127	Lid Bolt - 1/2 x 2 13/16 Lg	3
16	N19211	Lock Arm	2
17	N19366	Bushing - .334 ID x 1/2 OD x 5/8 Lg	2
18	N19496	Tank Lid Seal.....	3
19	N19563	Tie Strap - 10 Lg.....	1
20	N19791	Sight Glass.....	3
21	N21266	Wear Washer.....	12
22	N21450	Pop Rivet - Closed Head.....	12
23	N24792	Ladder - Lower	2
24	N25457	U-Bolt - 3/8 x 4 1/16 x 8 15/16 UL	3
25	N27005	Sample Collector.....	1
26	N27100	Meter Body.....	3
27	N27375	Ladder - Inner Front	2
28	N27380	Ladder - Inner Rear.....	1
29	N27455	Blank Off Plate	8
30	N27715	Lid	3
31	N27856	Bracket - Sample Collector.....	1
32	N28831	Cover Plate - Meter Body.....	2
33	N29048	Hex Bolt - 5/16 x 1 Lg Stainless Steel.....	4
34	N29049	Wing Nut - 5/16 Stainless Steel.....	4
35	N31548	Handrail - Walkway - 9252 Aircart - Front	1
36	N31549	Croze Brace	1
37	N31609	U-Bolt - 3/8 x 1 1/2 x 2 1/8 UL.....	2
38	N32769	Handle Cover	3
39	N32770	Tank Handle	3
40	N42220	Digital Hanging Scale.....	1
41	N56251	Tank - Rear.....	1
42	N56252	Tank - Mid.....	1
43	N56253	Tank - Front	1
44	N56330	Panel - Tank Opening - 9252 - Mid / Front	2
45	N56340	Panel - Tank Opening - 9252 - Rear / Mid	2
46	N56365	Handrail - Walkway.....	2
47	N56385	Bracket - Ladder Mount.....	1
48	N56390	Walkway - Platform.....	1
49	S-1292	Jam Nut - 1/2	6
50	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	8
51	W-472	Hex Bolt - 5/16 x 1 1/4 Lg.....	4
52	W-473	Hex Bolt - 5/16 x 1 1/2 Lg.....	6
53	W-475	Hex Bolt - 3/8 x 1 Lg.....	98
54	W-479	Hex Bolt - 3/8 x 2 1/4 Lg.....	6
55	W-513	Hex Nut - 5/16	6
56	W-514	Hex Nut - 3/8.....	8
57	W-522	Lockwasher - 5/16.....	2
58	W-523	Lockwasher - 3/8.....	12
59	W-619	Hex Bolt - 3/8 x 1 3/4 Lg.....	6
60	W-490	Hex Bolt - 1/2 x 2 1/2 Lg.....	12
61	F-3405	Locknut - 1/2 Unitorque.....	12

Hopper and Frame 9300 Hopper Assembly

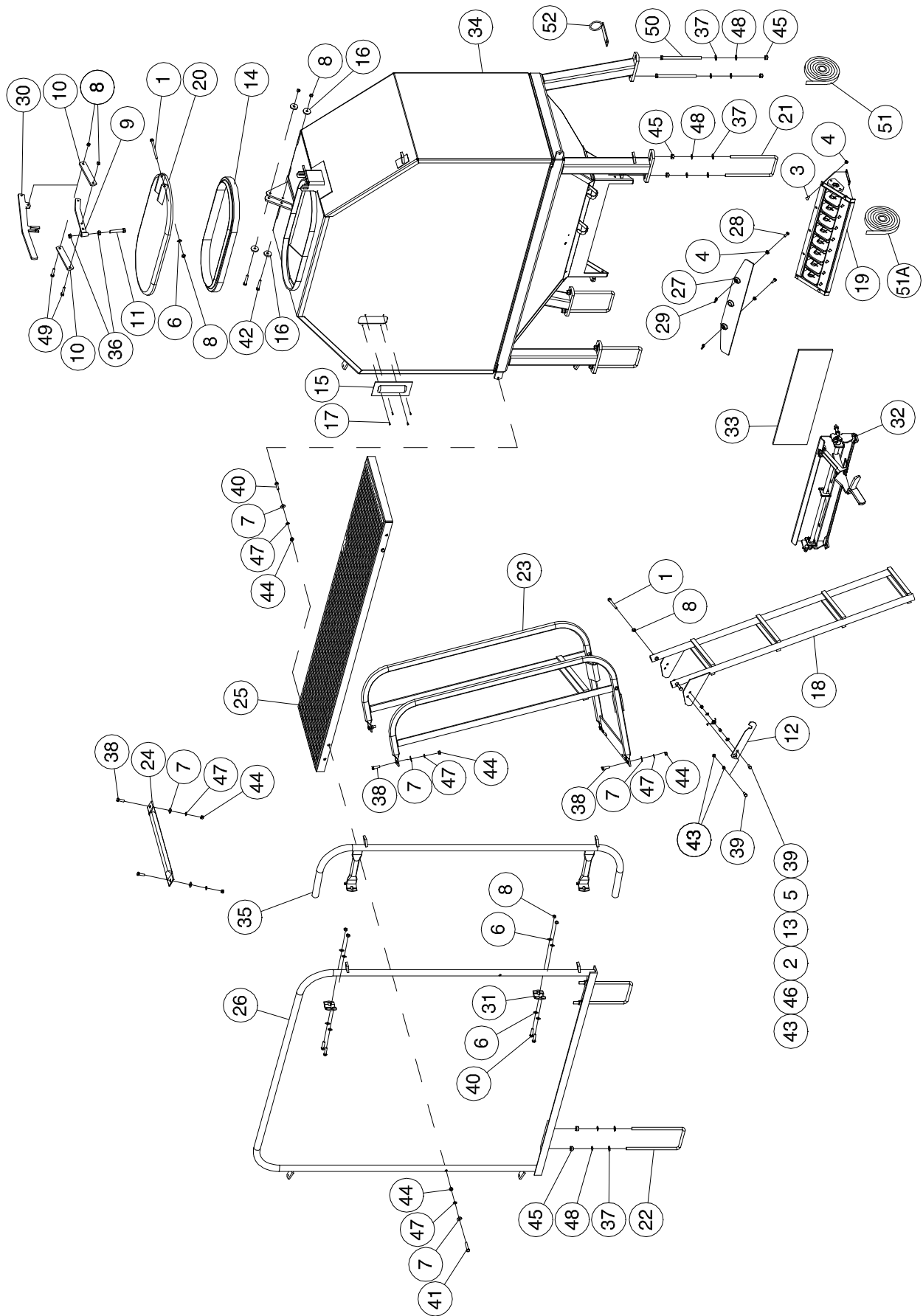


Hopper and Frame - 9300 Hopper Assembly

Item	Part No.	Description	Qty
1	C-3918	Hex Bolt - 3/8 x 5 Lg.....	2
2	D-5098	Spring.....	1
3	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	44
4	D-5278	Locknut - 5/16 Flange	52
5	D-5279	Locknut - 3/8 Flange	48
6	D-5488	Washer - 11/32 ID x 11/16 OD x 16 Ga	1
7	D-5489	Washer - 13/32 ID x 13/16 OD x 16 Ga.....	4
8	D-5579	Washer - 13/32 ID x 1 OD x 16 Ga.....	2
9	M-3388	Locknut - 3/8 Unitorque.....	18
10	N13900	Seal Strip - 3/16 x 1 3/4 (Bulk/ft)	37 ft
11	N15716	Seal Strip - 1/4 x 1 (Bulk/ft)	26 ft
12	N19108	Link	2
13	N19109	Link - 3/8 x 1 1/4 x 6 1/2 x 5 3/8 hole centers	4
14	N19127	Lid Bolt - 1/2 x 2 13/16 Lg	2
15	N19211	Lock Arm	1
16	N19366	Bushing - .334 ID x 1/2 OD x 5/8 Lg	1
17	N19496	Tank Lid Seal.....	2
18	N19563	Tie Strap - 10 Lg.....	1
19	N19791	Sight Glass.....	2
20	N21266	Wear Washer.....	8
21	N21450	Pop Rivet - Closed Head.....	8
22	N24792	Ladder - Lower	1
23	N25457	U-Bolt - 3/8 x 4 1/16 x 8 15/16 UL	2
24	N27005	Sample Collector.....	1
25	N27100	Meter Body.....	2
26	N27455	Blank Off Plate	4
27	N27715	Lid	2
28	N27856	Bracket - Sample Collector.....	1
29	N28831	Cover Plate - Meter Body	1
30	N29048	Hex Bolt - 5/16 x 1 Lg.....	2
31	N29049	Wing Nut - 5/16 Stainless Steel.....	2
32	N32769	Handle Cover	2
33	N32770	Tank Handle	2
34	N42220	Digital Hanging Scale.....	1
35	N44070	Tank Filler Panel	2
36	N44100	Ladder - Inner	2
37	N56301	Tank - Rear.....	1
38	N56302	Tank - Front	1
39	N56375	Handrail - Walkway.....	1
40	S-1292	Hex Jam Nut - 1/2	4
41	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	4
42	W-472	Hex Bolt - 5/16 x 1 1/4 Lg.....	2
43	W-473	Hex Bolt - 5/16 x 1 1/2 Lg.....	4
44	W-475	Hex Bolt - 3/8 x 1 Lg.....	48
45	W-479	Hex Bolt - 3/8 x 2 1/4 Lg.....	4
46	W-513	Hex Nut - 5/16	3
47	W-514	Hex Nut - 3/8.....	2
48	W-522	Lockwasher - 5/16.....	1
49	W-523	Lockwasher - 3/8.....	2
50	W-619	Hex Bolt - 3/8 x 1 3/4 Lg.....	4
51	W-490	Hex Bolt - 1/2 x 2 1/2 Lg.....	8
52	F-3405	Locknut - 1/2 Unitorque.....	8
53	D-5272	Locknut - 5/16 Unitorque	4

Hopper and Frame Third Tank Assembly

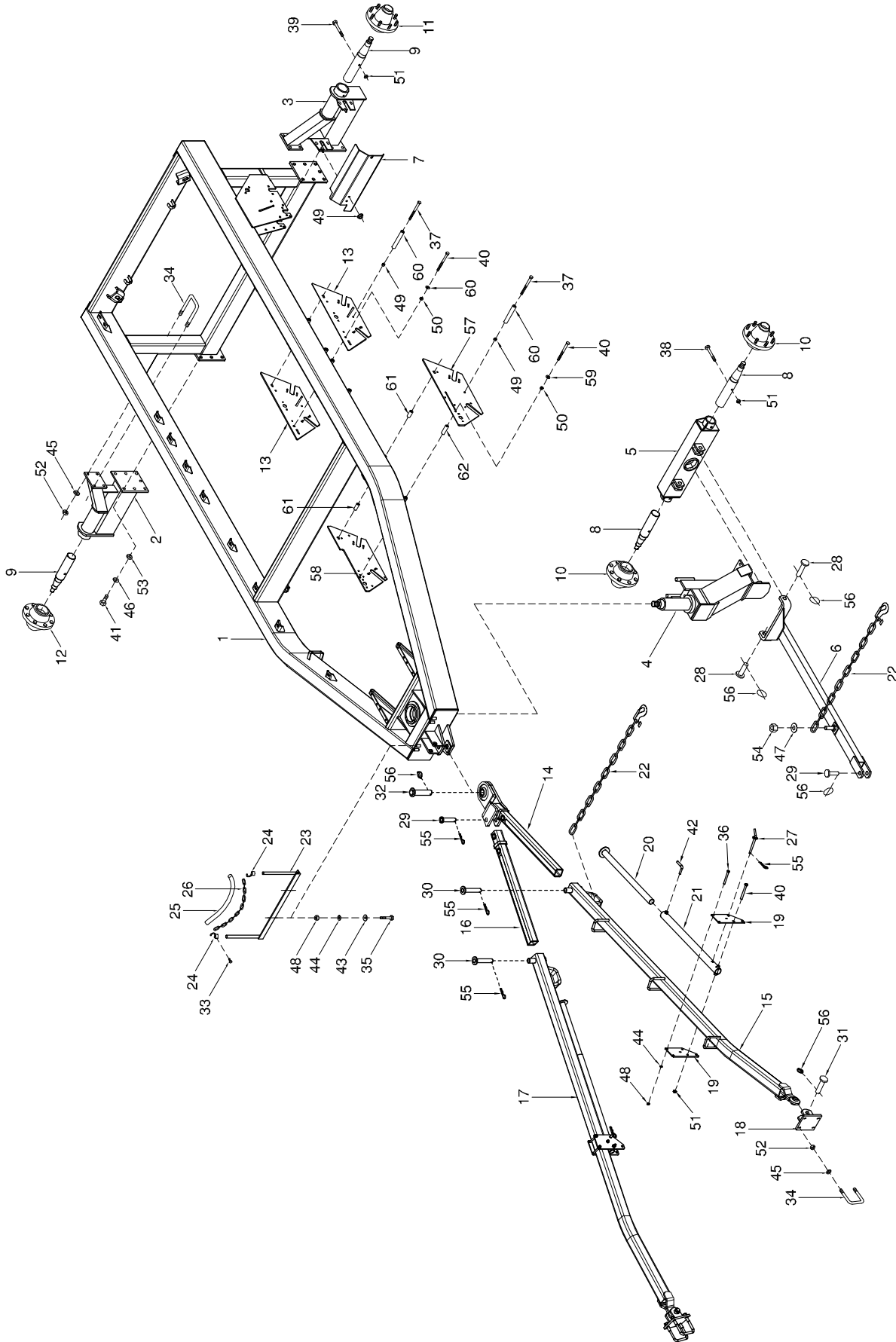
9240 and 9300 only



Hopper and Frame - Third Tank Assembly

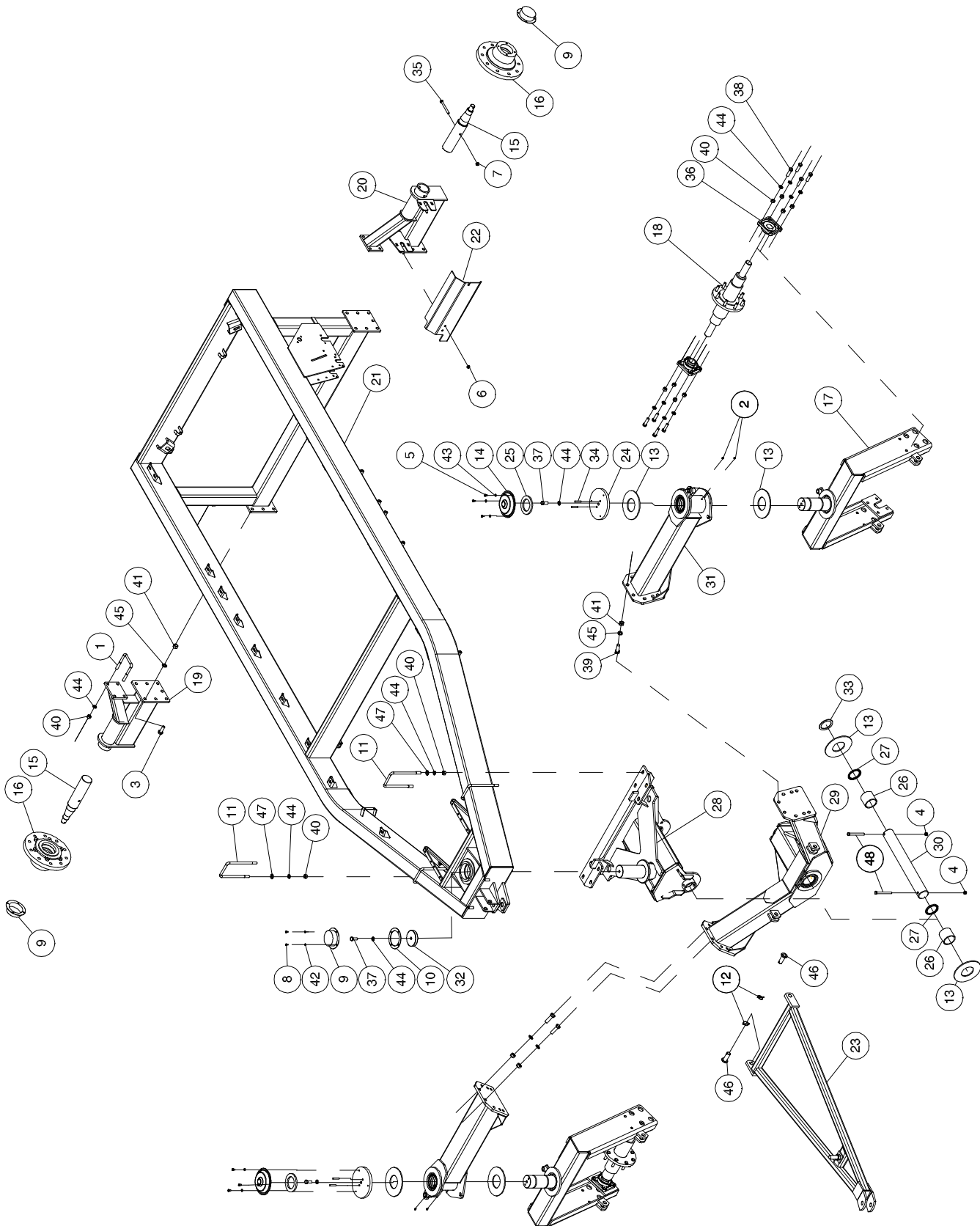
Item	Part No.	Description	Qty
		9240 and 9300 only	
1	C-3918	Hex Bolt - 3/8 x 5 Lg.....	3
2	D-5098	Spring.....	1
3	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	4
4	D-5278	Locknut - 5/16 Flange	6
5	D-5488	Washer - 11/32 ID x 11/16 OD x 16 Ga	1
6	D-5489	Washer - 13/32 ID x 13/16 OD x 16 Ga.....	10
7	D-5579	Washer - 13/32 ID x 1 OD x 16 Ga.....	10
8	M-3388	Locknut - 3/8 Unitorque.....	11
9	N19108	Link	1
10	N19109	Link	2
11	N19127	Bolt - 1/2 x 2 13/16 Lg	1
12	N19211	Lock Arm.....	1
13	N19366	Bushing - 0.334 ID x 1/2 OD x 5/8 Lg	1
14	N19496	Tank Lid Seal.....	1
15	N19791	Sight Glass.....	1
16	N21266	Wear Washer.....	4
17	N21450	Pop Rivet.....	4
18	N24792	Ladder - Lower	2
19	N27100	Meter Body.....	1
20	N27715	Lid	1
21	N28163	U-Bolt - 1/2 x 4 3/4 x 9 3/8 UL.....	3
22	N28164	U-Bolt - 1/2 x 5 1/8 x 10 5/8 UL.....	2
23	N28170	Handrail.....	2
24	N28184	Tube - Handrail Cross Member	1
25	N28185	Platform.....	1
26	N28192	Guardrail - Walkway	1
27	N28831	Cover Plate - Meter Body (Fine Seeds)	1
28	N29048	Hex Bolt - 5/16 x 1 Lg.....	2
29	N29049	Wing Nut - 5/16	2
30	N32770	Tank Handle (N32769 - Handle Cover)	1
31	N37622	U-Clamp Plate.....	2
32	N56281	Access Door - Assembly - See Section 2 for details	1
33	N19437	Seal Strip - 3/8 x 7 x 29 1/4 Lg - (Bulk/ft)	1
34	N58142	Tank - Third Tank.....	1
35	N58145	Ladder Extension - 3 Meter Air Cart.....	1
36	S-1292	Hex Jam Nut - 1/2	4
37	S-1925	Flat Washer - 1/2.....	12
38	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	6
39	W-472	Hex Bolt - 5/16 x 1 1/4 Lg.....	2
40	W-477	Hex Bolt - 3/8 x 1 1/2 Lg.....	6
41	W-478	Hex Bolt - 3/8 x 2 Lg.....	2
42	W-479	Hex Bolt - 3/8 x 2 1/4 Lg.....	2
43	W-513	Hex Nut - 5/16	3
44	W-514	Hex Nut - 3/8	12
45	W-516	Hex Nut - 1/2	14
46	W-522	Lockwasher - 5/16.....	1
47	W-523	Lockwasher - 3/8.....	12
48	W-525	Lockwasher - 1/2.....	12
49	W-619	Hex Bolt - 3/8 x 1 3/4 Lg.....	2
50	N28165	Hex Bolt - 1/2 x 10 Lg.....	2
51	N15716	Seal Strip - 1/4 x 1 x 30 9/16 Lg (Bulk/ft)	1
51A	N15716	Seal Strip - 1/4 x 1 x 121 3/8 Lg (Bulk/ft)	1
52	N28663	Guide - Wire	1
	N29099	Rate Chart Decal - "Slow Speed Drive" (Not Shown)	1
	N29201	Rate Chart Decal - "Slow Speed Drive" (Not Shown - Metric)	1
	N19025	Decal - Important "Filling Tank" (Not Shown)	1
	N15094	Decal - Caution (Not Shown)	1
	N21604	Decal - Important "Prevent Corrosion" (Not Shown)	1
	N34477	Reflector - Amber (Not Shown)	4

Hopper and Frame Tow Behind Frame



Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	N27059	Frame - Main - Tow Behind	1	44	W-523	Lockwasher - 3/8	8
2	N27041	Axle Extension - Right	1	45	W-526	Lockwasher - 5/8	16
3	N27042	Axle Extension - Left	1	46	W-527	Lockwasher - 3/4	14
4	N27065	Castor Fork	1	47	N19065	Flatwasher - 1 1/6	1
5	N21300	Axle Beam - Castor	1	48	W-514	Hex Nut - 3/8	8
6	N25475	Tow Hitch - Transport	1	49	D-5279	Locknut - 3/8 Serrated	4
7	N27070	Guard - Shaft - 22 5/8	1	50	D14565	Locknut - 1/2 - Serrated	4
8	N19166	Spindle - 2 1/2 Dia	2	51	F-3405	Locknut - 1/2 Unitorque	8
9	N24775	Spindle - 3 Dia	2	52	W-517	Hex Nut - 5/8	16
10	N37435	Spindle - 3 Dia - Heavy Duty		53	W-518	Hex Nut - 3/4	14
11	*****	Non-Drive Hub Assembly (See Section 3)	2	54	D-5274	Locknut - 1 Unitorque	1
12	*****	Drive Hub Assembly (See Section 3)	1	55	BW-11	Hairpin - #8 - 3/16 x 3 3/4 Lg	5
13	N27021	Non-Drive Hub Assembly (See Section 3)	1	56	N19307	Klik Pin - 1/4 Dia x 1 3/4 Lg	6
14	N29468	Transmission Plate	2	57	N31532	Transmission Plate - Left - 9252 Only	1
15	N19196	Hitch Tube - Inner Left	1	58	N31533	Transmission Plate - Right - 9252 Only	1
16	N19051	Hitch Tube - Outer Left (Straight)	1	59	S-1925	Flatwasher - 0.531 ID x 1.062 OD x 13 Ga	4
17	N19054	Hitch Tube - Inner Right	1	60	N31535	Spacer - 5/8 OD x 0.385 ID x 4 Lg	2
18	N19054	Hitch Tube - Outer Right (Straight)	1	61	N31695	Spacer - 3/4 OD x 0.532 ID x 1 Lg - 9252 Only	2
19	N19203	Bracket Mounting Lugs	2	62	N19058	Bushing - 1 OD x 1/2 ID x 2 Lg - 9252 Only	1
20	N22797	Plate - Mount	4				
21	N22794	Tube - Inner	2		N19029	Decal - "Crank Rotation Arrow" (Not Shown)	1
22	N22793	Tube - Outer	2		N24301	Decal - "Caution - Read Manual" (Not Shown)	1
23	C18760	Chain - Safety - 3/8 P-7 AG	1		N24412	Decal - "Important - Torque Nuts" (Not Shown)	1
24	N27465	Bracket - Primary Hose - 26	1		N27864	Decal - "Slow Speed Hairpin Location" (Not Shown)	1
25	N19717	Hook - Chain	2		S29378	Decal - "Danger" (Not Shown)	1
26	R480034	Hose - 1.169 OD (Bulk/ft)	1.5 ft				
27	N19448	Chain - 3/16 x 80 Links	1		N22800	Hitch Stand Kit (Order Through Wholegoods)	
28	D-5140	Pin - Cable Lock - 5/8 Dia	2			(Includes Items #19, 20, 21, 27, 37, 40, 43, 48, 51, 55 & 57)	
29	W-558	Pin - 1 Dia x 2 1/4 UL	2				
30	W-1628	Pin - 1 Dia x 3 3/4 UL	2				
31	N19055	Pin - 1 Dia x 5 13/32 UL	2				
32	N16226	Pin - Hitch - 1 1/8 Dia x 3 1/16 UL	2				
33	N19368	Pin - 1 1/4 Dia x 4 UL	1				
34	C-4651	Setscrew - 1/4 x 1 Lg Square Head	2				
35	C-219	U-Bolt - 5/8 x 4 x 5 9/16	8				
36	W-480	Hex Bolt - 3/8 x 2 1/2 Lg	2				
37	C-1550	Hex Bolt - 3/8 x 4 Lg	6				
38	C-3918	Hex Bolt - 3/8 x 5 Lg	2				
39	W-494	Hex Bolt - 1/2 x 3 3/4 Lg	2				
40	S-951	Hex Bolt - 1/2 x 4 1/2 Lg	6				
41	W-496	Hex Bolt - 1/2 x 5 1/2 Lg	4				
42	C-695	Hex Bolt - 3/4 x 2 Lg	14				
43	D10553	Handle - 1/2-13 UNC	2				
	D-5489	Flatwasher - 3/8	2				

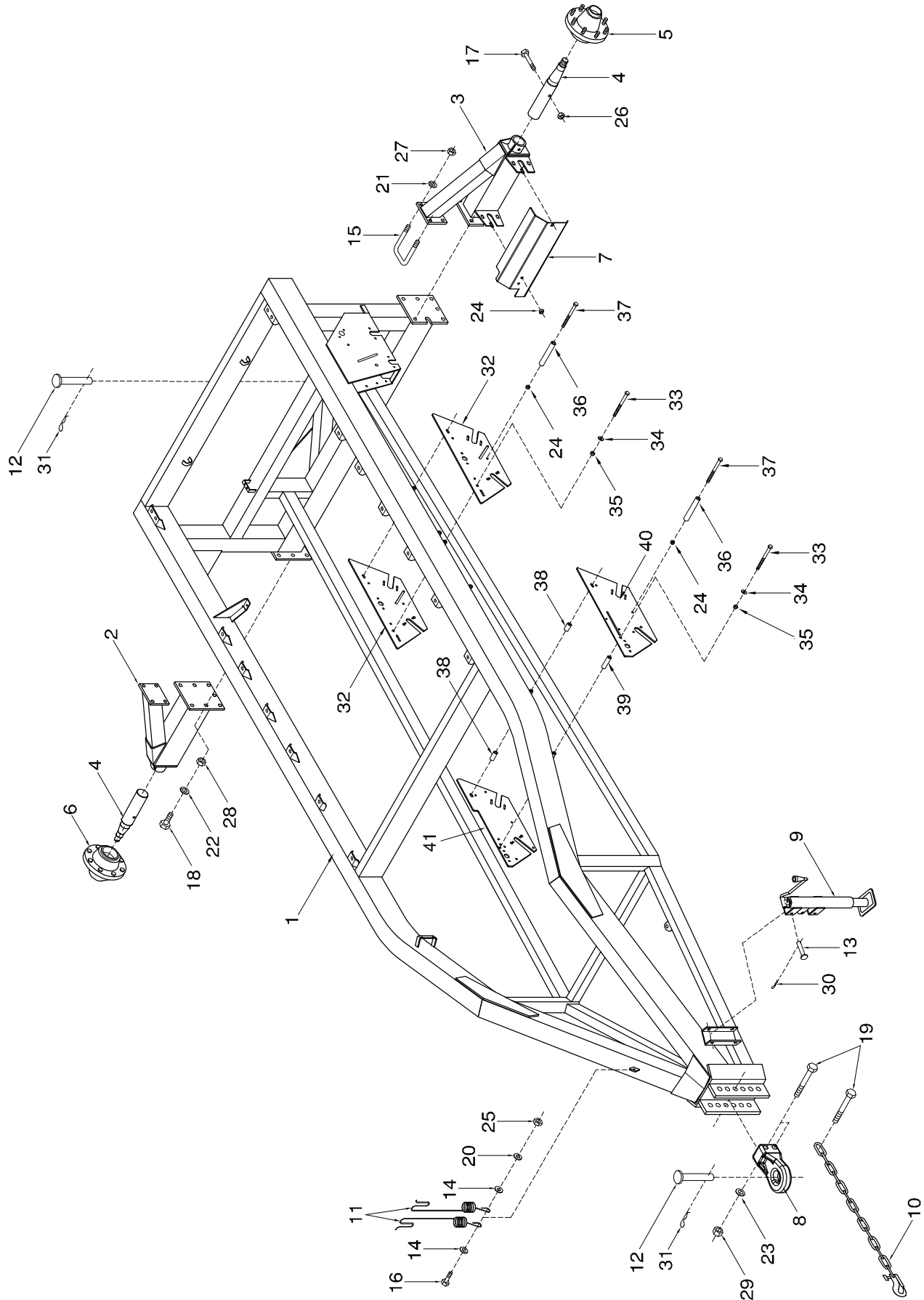
Hopper and Frame 3 Meter Axle



Hopper and Frame - 3 Meter Axle

Item	Part No.	Description	Qty
1	C-219	U-Bolt - 5/8 x 4 x 5 9/16	4
2	C-304	Grease Fitting - 1/8 MNPT Straight	4
3	C-695	Hex Bolt - 3/4 x 2 Lg.....	14
4	C26701	Locknut - 1/2 Nylon Insert	2
5	D-5247	Hex Bolt - 5/16 x 1 1/2 Lg.....	6
6	D-5279	Locknut - 3/8 Flange	1
7	F-3405	Locknut - 1/2 Unitorque.....	1
8	K-3830	Hex Bolt - 1/4 x 1/2 Lg.....	4
9	N13957	Dust Cap	3
10	N13959	Gasket.....	1
11	N15014	U-Bolt - 5/8 x 4 5/8 x 9 1/2	4
12	N19307	Klik Pin	2
13	N19423	Wear Plate.....	6
14	N19795	Dirt Shield	2
15	N24775	Spindle - 3 Dia	2
16	N25479	Hub - 10 Bolt	2
17	N27025	Castor Fork.....	2
18	N27035	Axle	2
19	N27041	Axle - Extension - Left	1
20	N27042	Axle - Extension - Right	1
21	N27059	Frame - Main - Tow Behind.....	1
22	N27070	Guard - Jackshaft	1
23	N34905	Tranport Tow Hitch	1
24	N34928	Caster Drag/Retainer Plate	2
25	N40503	Dust Seal - 3/8 Felt	2
26	N42345	Pivot Bearing - 3.0 ID x 3.5 OD x 3 Lg	2
27	N42353	Dust Seal	2
28	N56425	Bracket - Axle Mount Pivot.....	1
29	N56430	Beam - Walking Axle	1
30	N56435	Shaft - Pivot - 3 Dia	1
31	N56440	Axle Frame - Extension (Includes 2 of N19794 Bushing).....	2
32	N56445	Washer Sleeve - Retainer	1
33	N56449	Washer - Wear	1
34	P106023	Spiral Pin - 3/8 x 2.....	4
35	S-951	Hex Bolt - 1/2 x 4 1/2 Lg.....	2
36	S-1115	Flange Bearing.....	4
37	W-497	Hex Bolt - 5/8 x 1 1/2 Lg.....	3
38	W-500	Hex Bolt - 5/8 x 2 1/4 Lg.....	16
39	W-509	Hex Bolt - 3/4 x 2 1/2 Lg.....	16
40	W-517	Hex Nut - 5/8	32
41	W-518	Hex Nut - 3/4	30
42	W-521	Lockwasher - 1/4.....	4
43	W-522	Lockwasher - 5/16.....	6
44	W-526	Lockwasher - 5/8.....	35
45	W-527	Lockwasher - 3/4.....	30
46	W-558	Pin - 1 Dia x 2 1/4 UL.....	2
47	W-629	Flat Washer - 21/32 ID x 1 5/16 OD x 13 Ga.....	8
48	W-1575	Hex Bolt - 1/2 x 5 Lg.....	2

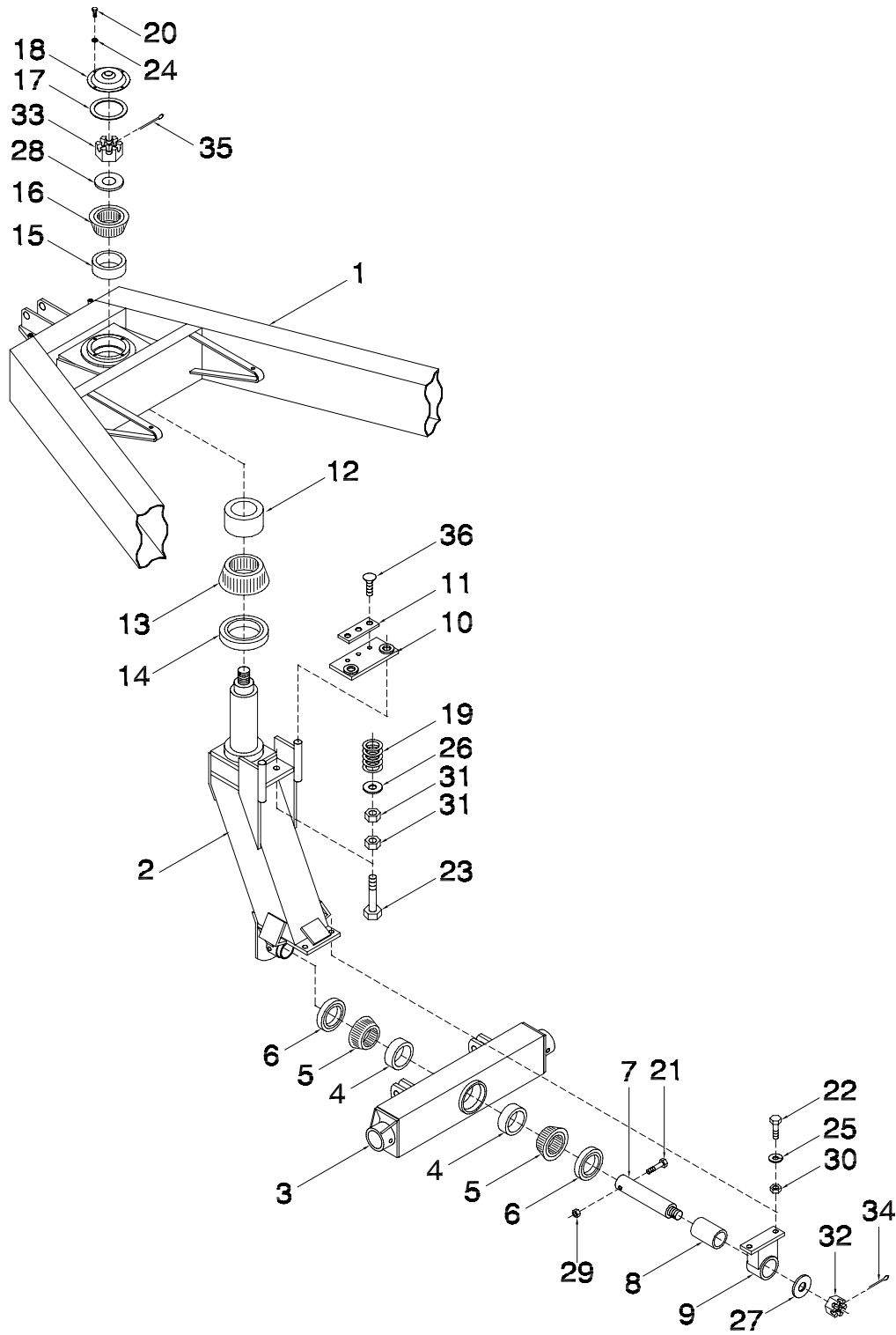
Hopper and Frame Tow Between Frame



Hopper and Frame - Tow Between Frame

Item	Part No.	Description	Qty
1	N27060	Frame - Tow Between	1
2	N27041	Axle Extension - Right	1
3	N27042	Axle Extension - Left	1
4	N24775	Spindle - 3 Dia	2
5		Drive Hub Assembly (See Section 3)	1
6		Non-Drive Hub Assembly (See Section 3)	1
7	N27070	Jackshaft Guard	1
8	N33748	Clevis - CAT 4	1
9	H27963	Hitch Jack - Top Wind - 7,000 lb	1
10	C18761	Safety Chain - 40,000 lb	1
11	W-7	Hose Holder	2
12	N49640	Hitch Pin - 1 1/2 x 6 1/2 UL	2
13	H10462	Clevis Pin - 0.612 x 3 5/8 UL	2
14	C-333	Hose Holder Washer	2
15	C-219	U-Bolt - 5/8 x 4 x 5 9/16 UL	4
16	W-488	Hex Bolt - 1/2 x 2 Lg	1
17	S-951	Hex Bolt - 1/2 x 4 1/2 Lg	2
18	C-695	Hex Bolt - 3/4 x 2 Lg	14
19	C18597	Hex Bolt - 1 x 8 Lg	3
20	W-525	Lockwasher - 1/2	1
21	W-526	Lockwasher - 5/8	8
22	W-527	Lockwasher - 3/4	14
23	C-705	Lockwasher - 1	3
24	D-5279	Serrated Locknut - 3/8	4
25	W-516	Hex Nut - 1/2	1
26	F-3405	Unitorque Locknut - 1/2	2
27	W-517	Hex Nut - 5/8	8
28	W-518	Hex Nut - 3/4	14
29	W-520	Hex Nut - 1	3
30	W-131	Hair Pin #9 - 0.148 x 3 5/16	2
31	P1318510	Hair Pin - #19 - 1/4 x 4 3/8	2
32	N27021	Transmission Plate	2
33	W-496	Hex Bolt - 1/2 x 5 1/2 Lg	4
34	S-1925	Flatwasher - 0.531 ID x 1.062 OD x 13 Ga	4
35	D14565	Locknut - 1/2 - Serrated	4
36	N31535	Spacer - 5/8 OD x 0.385 ID x 4 Lg	2
37	C-3918	Hex Bolt - 3/8 x 5 Lg	2
38	N31695	Spacer - 3/4 OD x 0.532 ID x 1 Lg - 9252 Only	2
39	N19058	Bushing - 1 OD x 1/2 ID x 2 Lg - 9252 Only	1
40	N31532	Transmission Plate - Left - 9252 Only	1
41	N31533	Transmission Plate - Right - 9252 Only	1
	N19029	Decal - "Crank Rotation Arrow" (Not Shown)	1
	N24301	Decal - "Caution - Read Manual" (Not Shown)	1
	N24412	Decal - "Important - Torque Nuts" (Not Shown)	1
	N27864	Decal - "Slow Speed Hairpin Location" (Not Shown)	1

Hopper and Frame Castor Fork



Hopper and Frame - Castor Fork

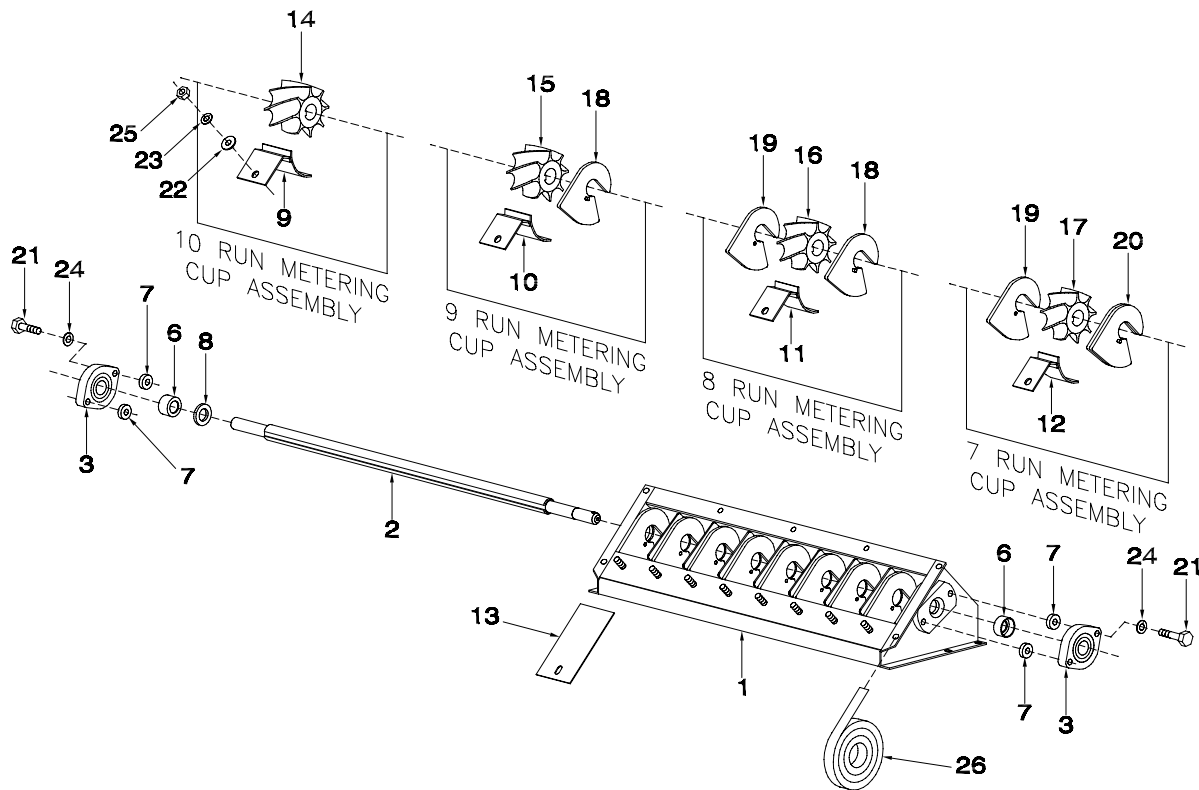
Item	Part No.	Description	Qty
1	N27059	Main Frame (Partial Front View)	1
2	N27065	Castor Fork.....	1
3	N21300	Axle Beam - Castor.....	1
4	N16028	Bearing Cup - Inner - #3720	2
5	N16030	Bearing Cone - Inner - #3780	2
6	N16032	Dust Seal - C/R #25100	2
7	N21712	Shaft - Castor Equalizer - 2 x 10 5/8	1
8	N21709	Bushing - 2 1/2 OD x 2 ID x 3 3/8 Lg	1
9	N21711	Pivot Bracket.....	1
10	N25460	Guide - Brake Support	1
11	N25465	Brake Pad - Castor.....	1
12	N21716	Bearing Cup - Inner.....	1
13	N21717	Bearing Cone - Inner.....	1
14	N21718	Dust Seal - C/R #50148	1
15	N13951	Bearing Cup - Inner - #39520	1
16	N13954	Bearing Cone - Inner - #39585	1
17	N13959	Rubber Gasket - #SE-49.....	1
18	N13957	Dust Cap - #DC-27.....	1
19	N19596	Spring - 1 1/2 OD x 2 1/2 Lg - Brake.....	2
20	K-3830	Hex Bolt - 1/4 x 1/2 Lg.....	4
21	W-493	Hex Bolt - 1/2 x 3 1/2 Lg.....	1
22	W-499	Hex Bolt - 5/8 x 2 Lg.....	2
23	N19482	Hex Bolt - 3/4 x 3 1/4 Lg.....	2
24	W-521	Lockwasher - 1/4.....	4
25	W-526	Lockwasher - 5/8.....	2
26	W-476	Flatwasher - 3/4	2
27	N13962	Washer - 2 1/2 OD x 2 1/4 ID x 1/4	1
28	N28789	Washer - 3 1/2 OD x 1 17/32 ID x 7/16	1
29	F-3405	Locknut - 1/2 Unitorque.....	1
30	W-517	Hex Nut - 5/8.....	2
31	W-575	Hex Jam Nut - 3/4	4
32	N19484	Slotted Nut - 1 1/4-12 UNF.....	1
33	N21728	Slotted Nut - 1 1/2	1
34	D-5239	Cotter Pin - 1/4 x 2 1/4 Lg	1
35	N11575	Cotter Pin - 1/4 x 3 Lg	1
36	N25463	Capscrew - 3/8-24 UNF x 3/4 Lg.....	3

Section 2: Metering

Section Contents

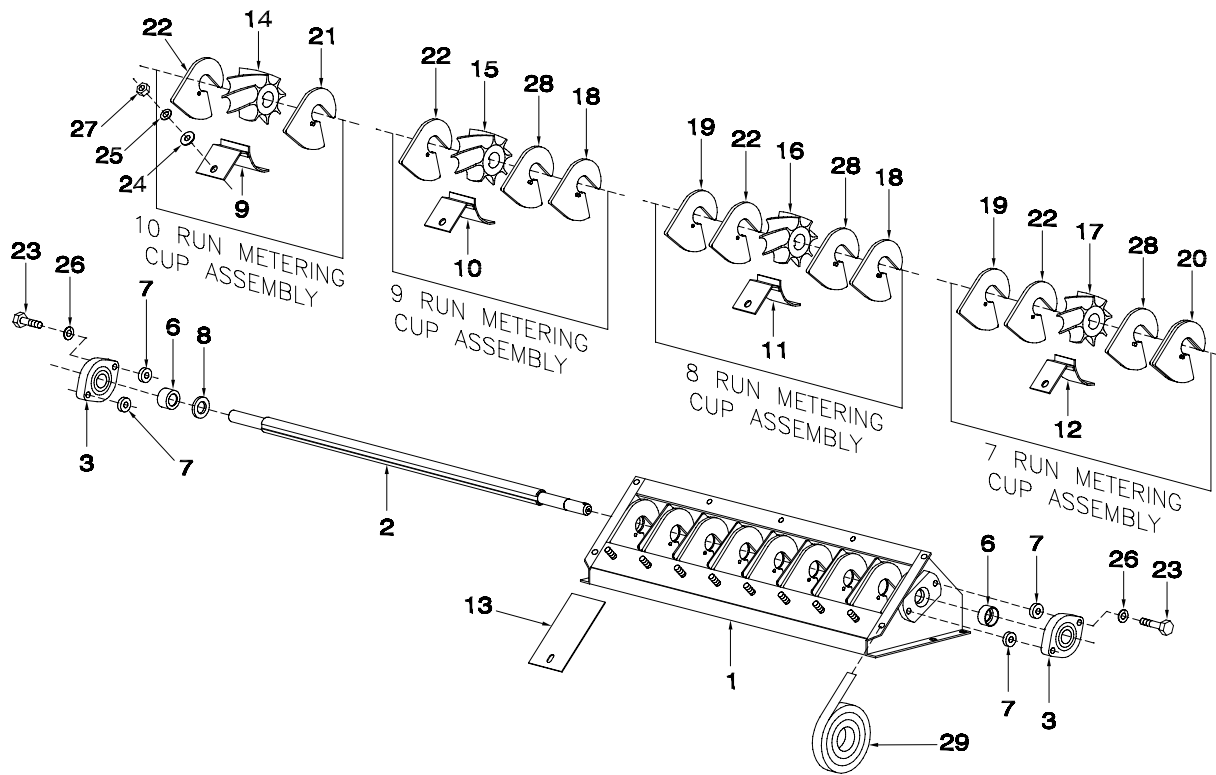
Metering Body	2-2
Coated Metering Body	2-3
Collector Access Door	2-4
Optional Remote Clutch Switch.....	2-6
Remote Clutch Switch - C2 Contour and RAZR.....	2-8
Optional Clutch	2-9

Metering Metering Body



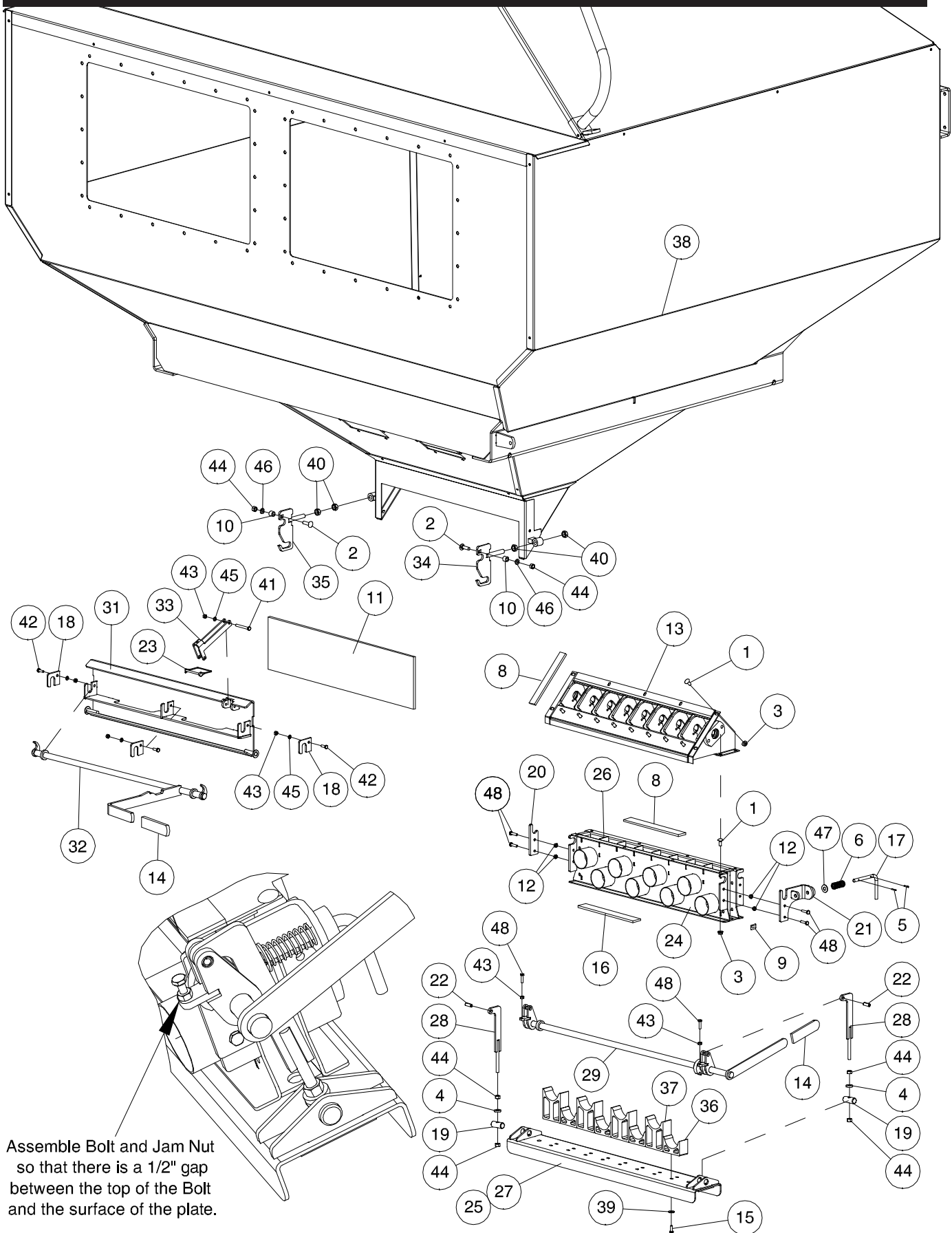
Item	Part No.	Description	Qty
1	N27100	Metering Body	1
2	N19687	Metering Shaft - 8 Outlet	1
3	N19269	Bearing Assembly - NTN - 2 Bolt Flange.....	2
6	N21659	Seal	2
7	N21602	Spacer	4
8	N21612	Backing Washer.....	1
9	N27090	Slider - #10 Wheel	As req
10	N27089	Slider - #9 Wheel	As req
11	N27088	Slider - #8 Wheel	As req
12	N27087	Slider - #7 Wheel	As req
13	N27605	Cover - Blank Off	As req
14	N42130	Wheel - #10 Metering (Cream Colored) (2.50 width)	As req
15	N42129	Wheel - #9 Metering (Cream Colored) (2.25 width).....	As req
16	N42128	Wheel - #8 Metering (Cream Colored) (2.00 width).....	As req
17	N42127	Wheel - #7 Metering (Cream Colored) (1.75 width)	As req
18	N27099	Spacer Plate - #9 Wheel (Single - Left)	As req
19	N27098	Spacer Plate - #8 Wheel (Single - Right).....	As req
20	N27097	Spacer Plate - #7 Wheel (Double - Left)	As req
	N28492	Roll Pin - used in Spacer Plates (Not Shown)	As req
21	W-477	Hex Bolt - 3/8 x 1 1/2 Lg	4
22	D-5488	Flatwasher - 5/16.....	8
23	W-522	Lockwasher - 5/16	8
24	W-523	Lockwasher - 3/8	4
25	N15114	Hex Nut - 5/16 Stainless Steel.....	8
26	N15716	Seal Strip - 1/4 x 1 x 152 Lg (Bulk/Ft).....	8 ft
	N28831	Cover Plate - Shown on Hopper Assemblies.....	

Metering Coated Metering Body



Item	Part No.	Description	Qty
1	N28928	Metering Body	1
2	N19687	Metering Shaft - 8 Outlet	1
3	N19269	Bearing Assembly - NTN - 2 Bolt Flange	2
6	N21659	Seal	2
7	N21602	Spacer	4
8	N21612	Backing Washer.....	1
9	N27090	Slider - #10 Wheel	As req
10	N27089	Slider - #9 Wheel	As req
11	N27088	Slider - #8 Wheel	As req
12	N27087	Slider - #7 Wheel	As req
13	N27605	Cover - Blank Off	As req
14	N42130	Wheel - #10 Metering (Cream Colored) (2.50 width)	As req
15	N42129	Wheel - #9 Metering (Cream Colored) (2.25 width).....	As req
16	N42128	Wheel - #8 Metering (Cream Colored) (2.00 width).....	As req
17	N42127	Wheel - #7 Metering (Cream Colored) (1.75 width)	As req
18	N27099	Spacer Plate - #9 Wheel (Single - Left)	As req
19	N27098	Spacer Plate - #8 Wheel (Single - Right).....	As req
20	N27097	Spacer Plate - #7 Wheel (Double - Left)	As req
21	N28927	Plastic Spacer - Wheel (Left)	8
22	N28929	Plastic Spacer - Wheel (Right).....	1
	N28492	Roll Pin - Used in Spacer Plates (Not Shown).....	As req
23	W-477	Hex Bolt - 3/8 x 1 1/2 Lg	4
24	D-5488	Flatwasher - 5/16.....	8
25	W-522	Lockwasher - 5/16	8
26	W-523	Lockwasher - 3/8	4
27	N15114	Hex Nut - 5/16 Stainless Steel	8
28	N28924	Plastic Spacer - Wheel (Without Pin).....	7
29	N15716	Seal Strip - 1/4 x 1 x 152 Lg (Bulk/Ft).....	8 ft
	N29457	Kit Coated Metering Body Assy (Includes 1, 2, 3, 6, 21, 22, 28 & 29)	

Metering Collector Access Door

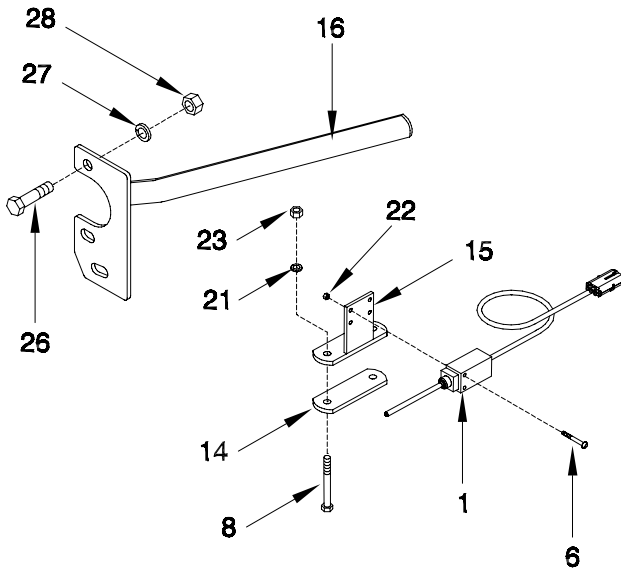


Metering - Collector Access Door

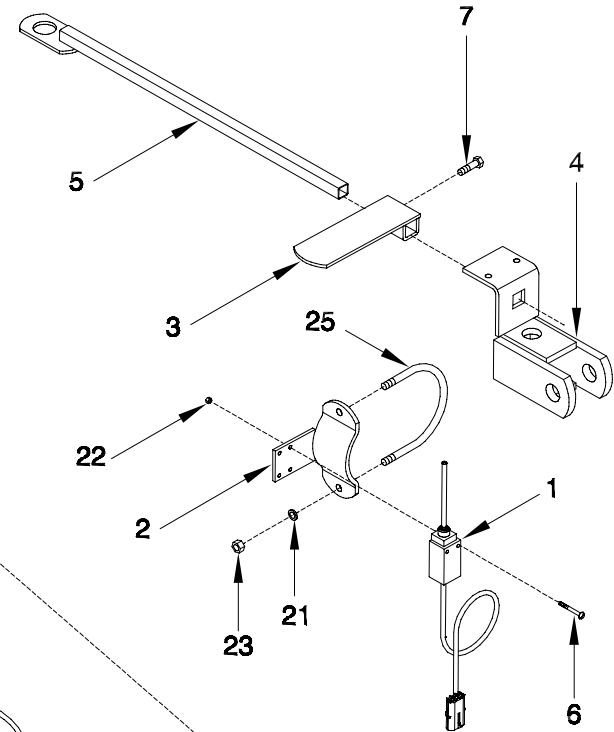
Item	Part No.	Description	Qty
1	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	15
2	D-5260	Carriage Bolt - 3/8 x 1-1/2 Lg	2
3	D-5278	Flange Locknut - 5/16	15
4	D-5500	Washer - 3/8 ID x 7/8 OD x 7Ga.	2
5	N11457	Roll Pin.....	2
6	N11847	Spring.....	1
7	*****		
8	N15716	Seal Strip 1/4 x 1 (Bulk/Ft) (5 ft required for each collector & 8 ft per meter body)	1
9	N19000	Decal - Air Flow.....	2
10	N19155	Spacer - 0.385 ID x 0.625 OD x 1/2 Lg.....	2
11	N19437	Seal Strip - 3/8 x 7 x 29 1/4 Lg - (Bulk/Ft).....	1
12	N22778	Locknut - 1/4 Nylon Insert	4
13	N27100	Meterbody	1
14	N32769	Handle Cover	2
15	N36597	Hex Bolt - 1/4 x 3/4 Lg.....	16
16	N19449	Seal Strip - 3/8 x 1 (Bulk/ft) (5 ft required for each Lower Cleanout Door)	1
17	N40688	Lock Pin - Seed Plate Activator	1
18	N48612	Bearing Plate	3
19	N51441	Pin- Cleanout Door Link.....	2
20	N51444	Mount-Rightside Cleanout Door.....	1
21	N51445	Mount- Leftside Cleanout Door	1
22	N53014	Spring Pin - 3/8 x 1 Lg	2
23	N53471	Quick Pin - 1/4	1
24	*****	Collector Assembly - 8 Run - Tow Behind Shown.....	1
25	N56266	Bottom Assembly - Quick Release (Includes 15, 16, 36, 37, 39) (Stainless Steel)	1
26	N56270	Collector - Quick Access (Stainless Steel)	1
27	N56273	Lower Cleanout Door (Stainless Steel)	1
28	N56275	Link - Cleanout Door	2
29	N56280	Crank - Lower Cleanout Door	1
30	N56281	Access Door Assembly (Includes items 11, 14 18, 23, 31, 32, 33, 41, 42, 43, 45).....	1
31	N56282	Cleanout Door - Quick Release	1
32	N56284	Actuator Arm	1
33	N56285	Latch - Handle Lock.....	1
34	N56289	Clamp Assembly - Left	1
35	N56290	Clamp Assembly - Right.....	1
36	N56291	False Bottom Cup - `Low`	4
37	N56292	False Bottom Cup - `High`	4
38	*****	Tank - Rear Shown.....	1
39	S-1198	Washer - 5/16 ID x 3/4 OD x .065	16
40	S-1292	Hex Jam Nut - 1/2	4
41	S45280	Hex Bolt - 1/4 x 2-1/4 Lg	1
42	W-469	Hex Head - 1/4 x 3/4 Lg	3
43	W-512	Hex Nut - 1/4	6
44	W-514	Hex Nut - 3/8	6
45	W-521	Lockwasher - 1/4.....	4
46	W-523	Lockwasher - 3/8.....	2
47	W-538	Washer - 7/16 ID x 1 OD x 14 Ga.....	1
48	W-1552	Hex Bolt - 1/4 x 1 Lg.....	6

Metering Optional Remote Clutch Switch

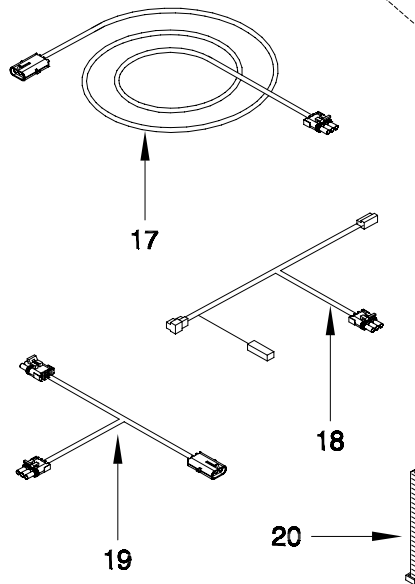
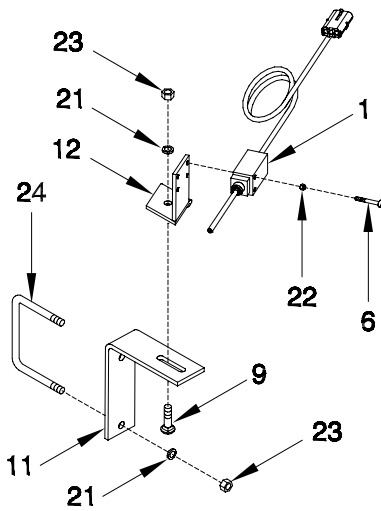
8900/9000 MAXIM AIR DRILL FRONT MOUNT



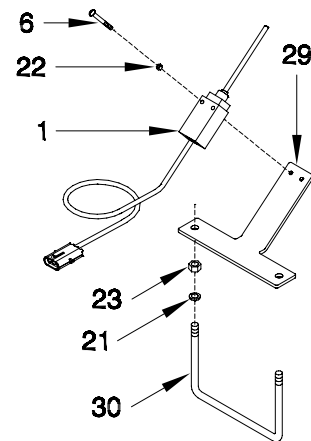
MAGNUM III



CONCEPT 2000



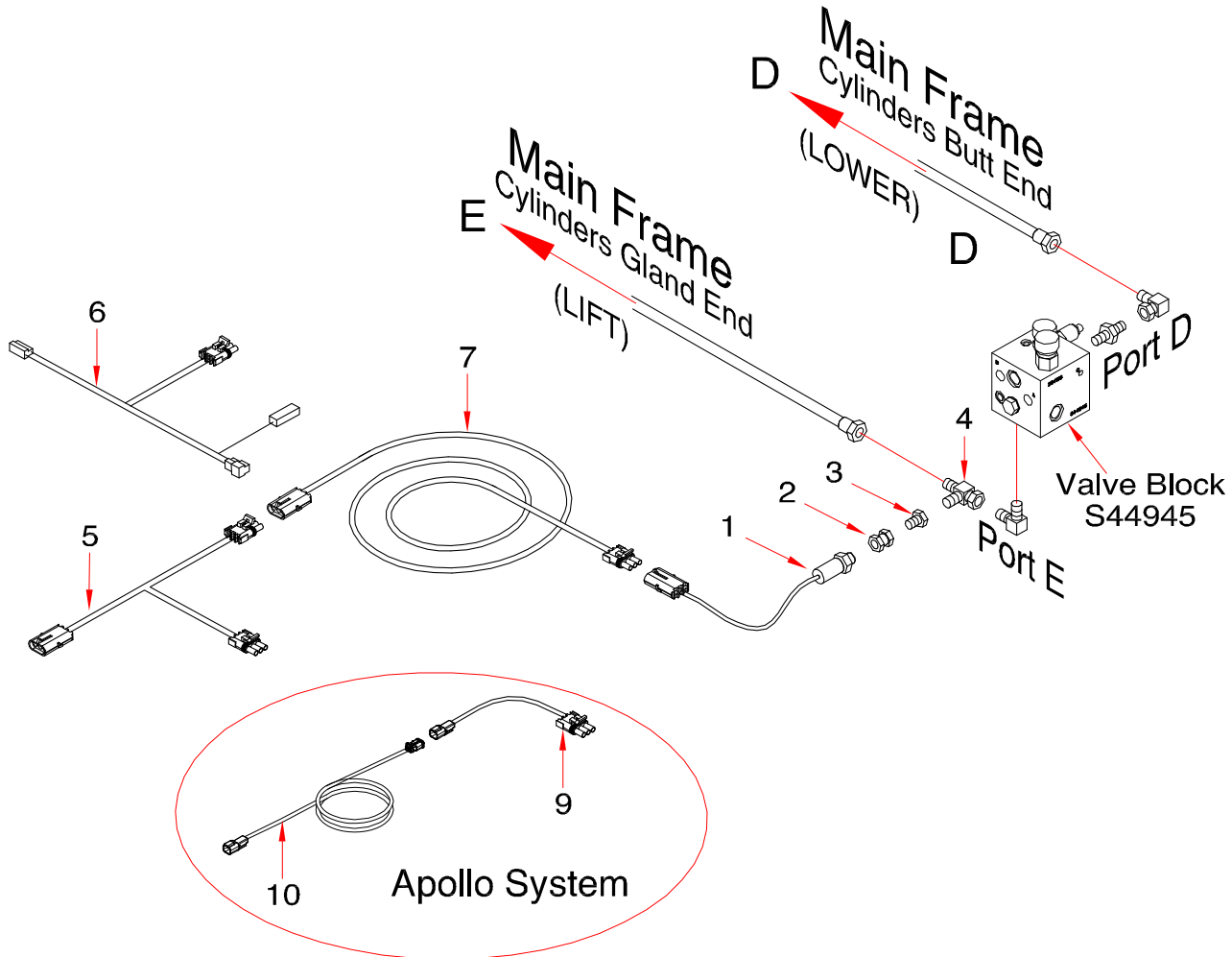
NEVER PIN



Metering - Optional Remote Clutch Switch

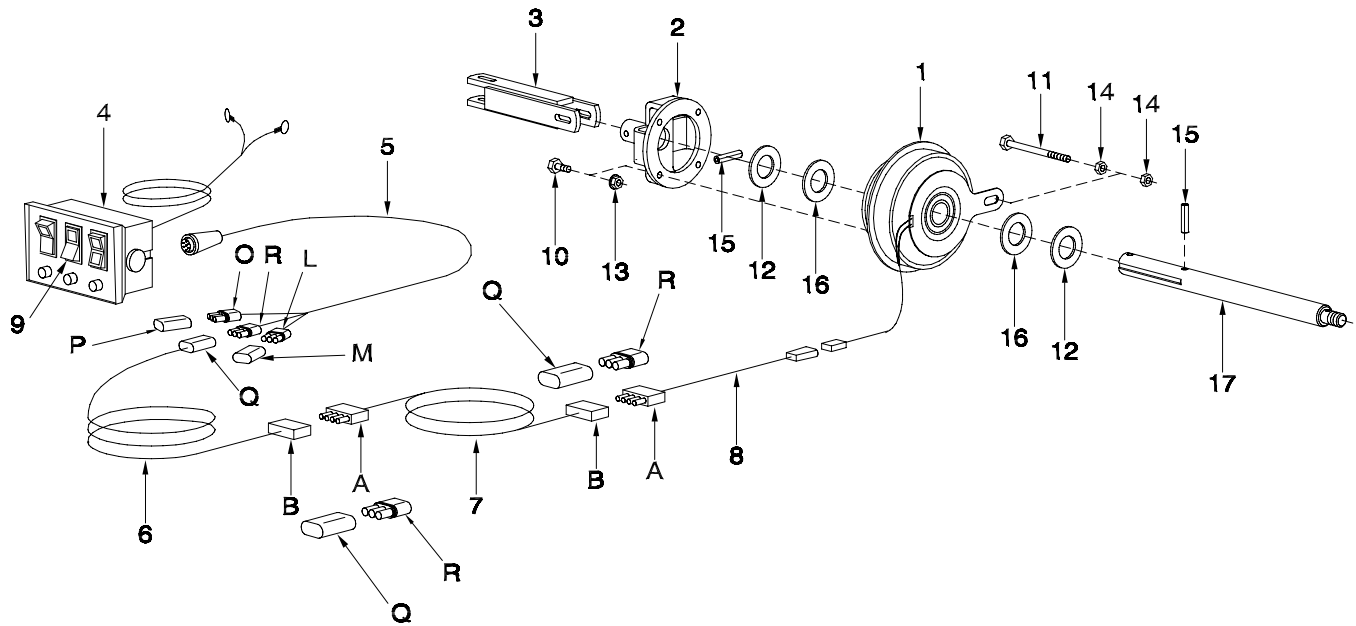
Item	Part No.	Description	Qty
MAGNUM III - Order Kits Through Wholegoods ONLY			
1	N32481	Work Switch & Wire - Weather Pak End.....	1
2	N32104	Switch Bracket - Magnum III.....	1
3	N32110	Activator Arm - Magnum III.....	1
4	C29572	Left Knuckle Joint - Magnum III 43 and 50 ONLY.....	1
5	C29579	Depth Stop Rod - Magnum III 43 and 50 ONLY.....	1
6	N32101	Stove Bolt - 3/16 x 1 1/2 Lg.....	2
7	W-867	Bolt - 3/8 x 3/4 Lg.....	1
17	N32457	Wire - Clutch Extension (Main) - 37 1/2 ft - Weather Pak Ends.....	1
18	N32483	Connector - 'Y' Wire Tow Between ONLY - Weather Pak Ends.....	1
19	N32482	Connector - 'Y' Wire Tow Behind ONLY - Weather Pak Ends.....	1
20	S13336	Tie Strap.....	6
21	W-523	Lock Washer - 3/8.....	2
22	N32102	Nut - 3/16.....	2
23	W-514	Nut - 3/8.....	2
25	C31374	U-Bolt - 3/8 x 4 1/2 x 12 1/2.....	1
	N32781	Kit Work Switch Mag III 25, 31 & 40 - Tow Between (Includes Above Items except 4, 5 & 19)	
	N32786	Kit Work Switch Mag III 25, 31 & 40 - Tow Behind (Includes Above Items except 4, 5 & 18)	
	N32776	Kit Work Switch Mag III 43 & 50 - Tow Between (Includes Above Items except 19)	
	N32785	Kit Work Switch Mag III 43 & 50 - Tow Behind (Includes Above Items except 18)	
CONCEPT 2000 - Order Kits Through Wholegoods ONLY			
1	N32481	Work Switch & Wire - Weather Pak End.....	1
6	N32101	Stove Bolt - 3/16 x 1 1/2 Lg.....	2
9	P7C616	Carriage Bolt - 3/8 x 1 Lg.....	1
11	N32062	Mounting Bracket Angle.....	1
12	N40472	Switch Bracket - Work Switch.....	1
17	N32457	Wire - Clutch Extension (Main) - 37 1/2 ft - Weather Pak Ends.....	1
18	N32483	Connector - 'Y' Wire Tow Between ONLY - Weather Pak Ends.....	1
19	N32482	Connector - 'Y' Wire Tow Behind ONLY - Weather Pak Ends.....	1
20	S13336	Tie Strap.....	2
21	W-523	Lock Washer - 3/8.....	3
22	N32102	Nut - 3/16.....	2
23	W-514	Nut - 3/8.....	3
24	N15098	U-Bolt - 3/8 x 4 x 5.....	1
	N32772	Kit Work Switch Concept - Tow Between (Includes Above Items except 19)	
	N32782	Kit Work Switch Concept - Tow Behind (Includes Above Items except 17 & 18)	
8900/9000 & MAXIM AIR DRILL FRONT MOUNT - Order Kits Through Wholegoods ONLY			
1	N32481	Work Switch & Wire - Weather Pak End.....	1
6	N32101	Stove Bolt - 3/16 x 1 1/2 Lg.....	2
8	C-1550	Bolt - 3/8 x 4 Lg.....	2
14	N32106	Mounting Plate.....	1
15	N32105	Switch Bracket - 8900/9000.....	1
16	N32107	Activator Arm - 8900/9000.....	1
17	N32457	Wire - Clutch Extension (Main) - 37 1/2 ft - Weather Pak Ends.....	1
18	N32483	Connector - 'Y' Wire Tow Between ONLY - Weather Pak Ends.....	1
19	N32482	Connector - 'Y' Wire Tow Behind ONLY - Weather Pak Ends.....	1
20	S13336	Tie Strap.....	6
21	W-523	Lock Washer - 3/8.....	2
22	N32102	Nut - 3/16.....	2
23	W-514	Nut - 3/8.....	2
26	W-497	Hex Bolt - 5/8 x 1 1/2 25 - 31 and 31 - 41 ONLY.....	2
27	W-526	Lock Washer - 5/8 25 - 31 and 31 - 41 ONLY.....	2
28	W-517	Nut - 5/8 25 - 31 and 31 - 41 ONLY.....	2
	N32775	Kit Work Switch 8900/9000 - Tow Between (Includes Above Items except 19)	
	N32774	Kit Work Switch 8900/9000 - Tow Behind (Includes Above Items except 18)	
Never Pin - Order Kits Through Wholegoods ONLY			
1	N32481	Work Switch & Wire - Weather Pak End.....	1
6	N32101	Stove Bolt - 3/16 x 1 1/2 Lg.....	2
17	N32457	Wire - Clutch Extension (Main) - 37 1/2 ft - Weather Pak Ends.....	1
18	N32483	Connector - 'Y' Wire Tow Between ONLY - Weather Pak Ends.....	1
19	N32482	Connector - 'Y' Wire Tow Behind ONLY - Weather Pak Ends.....	1
20	S13336	Tie Strap.....	6
21	W-523	Lock Washer - 3/8.....	2
22	N32102	Nut - 3/16.....	2
23	W-514	Nut - 3/8.....	2
29	N34731	Bracket - Work Switch - Never Pin.....	1
30	H10592	U-Bolt - 3/8 x 6 x 5.....	1
	N35620	Kit Work Switch Never Pin - Tow Between (Includes Above Items except 19)	
	N35619	Kit Work Switch Never Pin - Tow Behind (Includes Above Items except 18)	

Options Remote Clutch Switch - C2 Contour and RAZR



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

Metering Optional Clutch



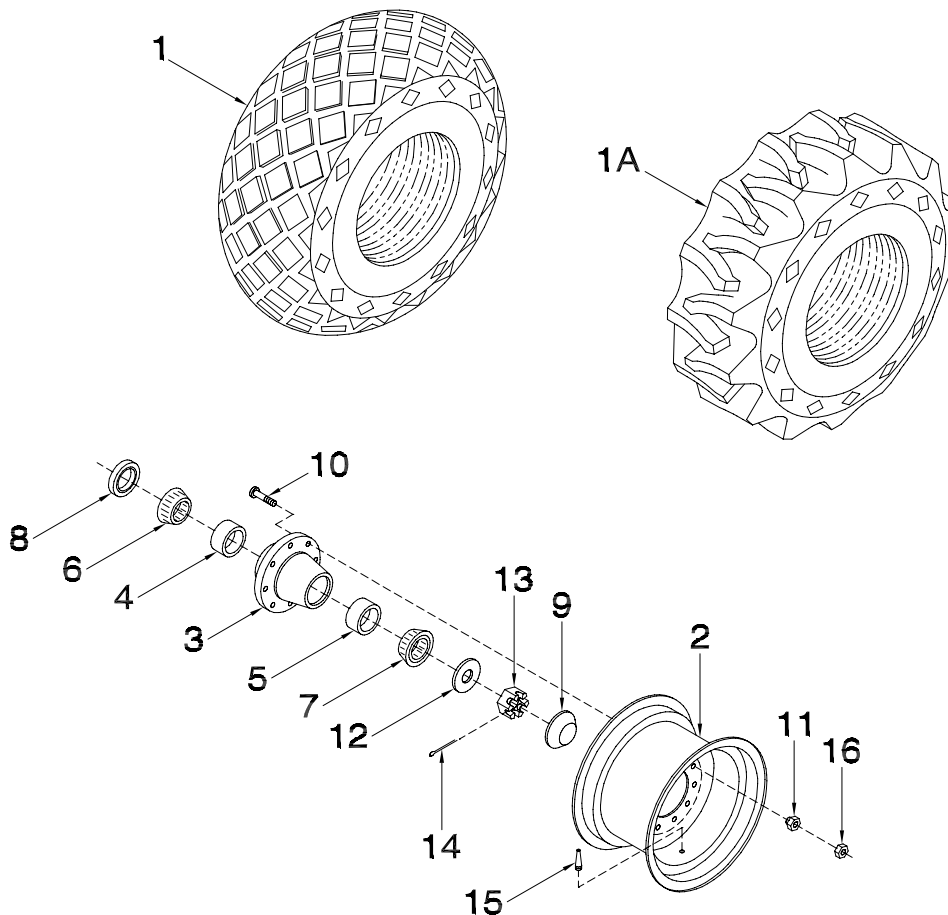
Item	Part No.	Description	Qty
1	N16862	Electric Clutch - 12 Volt	1
2	N19470	Coupler - Fertilizer Clutch.....	1
3	N21287	Coupler - Metering - 5 5/8 Lg - 9240 and 9300	1
	N19762	Coupler - Metering - 3 5/8 Lg - 9252	1
4	N27011	Clutch Switch - Main (Fuse 7.5 amp - N30594)	1
5	N27012	Clutch Wire - Extension - 8 ft.....	1
6	N32458	Wire - Clutch Extension (Aux) - 16 ft (Weather Pak)	1
7	N32460	Wire - Clutch Extension (Aux) - 37 1/2 ft (Weather Pak)	1
8	N32459	Clutch Wire (Aux)(Weather Pak)	1
	N24583	Clutch Wire (Bulk/Ft)	
9	N29382	Clutch Rocker Switch - 2 Way - #83301	1
10	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	4
11	C-1550	Hex Bolt - 3/8 x 4 Lg.....	1
12	H18268	Flatwasher - 1	2
13	D-5277	Serrated Locknut - 1/4.....	4
14	W-514	Hex Nut - 3/8.....	2
15	S-4781	Spiral Pin - 1/4 x 1 1/2 Lg.....	2
16	N31040	Washer - 1 3/4 OD x 16 Ga Thick (As Req'd)	2
17	N27402	Shaft - Meter End - (P-Drive) required for auxiliary clutch kit	1
	N44734	Ground Wire	
		Order Kits Through Wholegoods	
	N32780	Tow Behind Clutch Kit - Weather Pak (Includes All Above Items Except 4 & 5) 9240 and 9300	
	N32779	Tow Between Clutch Kit - Weather Pak (Includes All Above Items Except 4, 5 & 7) 9240 and 9300	
	N32778	Tow Behind Clutch Kit - Weather Pak (Includes All Above Items Except 4 & 5) 9252 Only	
	N32777	Tow Between Clutch Kit - Weather Pak (Includes All Above Items Except 4, 5 & 7) 9252 Only	
		See Pg 8-4 for a complete list of Replacement Connectors	
E	N27613	Weather Pak Connector - BLACK - 3 Pin Plug (Shroud)	
F	N27614	Weather Pak Connector - BLACK - 3 Pin Socket (Tower)	
G	N27615	Seal Connector - BLACK - 3 Pin Plug	

Section 3: Wheel & Hub

Section Contents

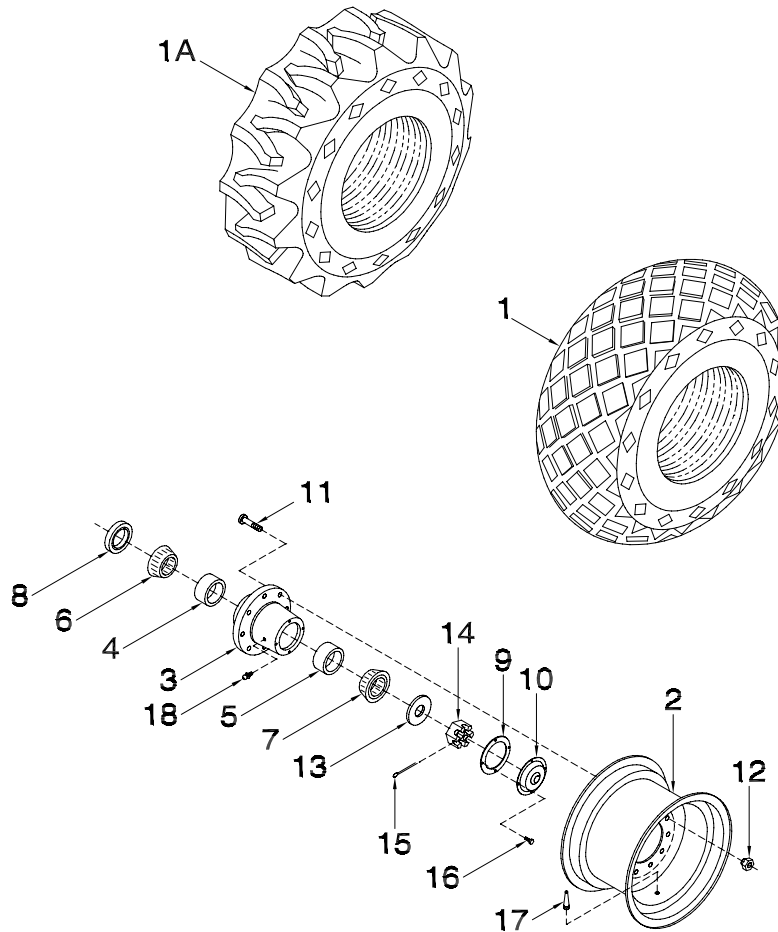
Front Wheels	3-2
Rear Wheels.....	3-3

Wheel & Hub Front Wheels



Item	Part No.	Description	Qty
9240 / 9252 / 9300 Front Castor Fork			
1	N25616	Tire - 21.5L x 16.1 (10 Ply Rating) (STII)	1
1A	N29298	Tire (Rice) - 21.5L x 16.1 (12 Ply Rating) (SGTR) (Optional)	1
2	N19709	Rim - W18C x 16.1	1
3	N19173	Hub Non-Drive Wheel (Includes Items 4, 5 & 10).....	1
4	N19167	Inner Cup -382 A.....	1
5	N19168	Outer Cup - LM501310.....	1
6	N19169	Inner Bearing Cone - 387 AS	1
7	N19170	Outer Bearing Cone - LM501349	1
8	N19172	Shaft Seal - 2 1/2 (C/R #25108)	1
9	N19171	Dust Cap	1
10	N19727	Press-In Bolt - 5/8-18 UNF x 2 1/2	8
11	N19586	Tapered Wheel Nut - 5/8-18 UNF	8
12	D-5499	Flatwasher - 1 5/16 ID x 2 3/4 OD.....	1
13	N19484	Slotted Hex Nut - 1 1/4-12 UNF	1
14	D-5239	Cotter Pin - 1/4 x 2 1/4	1
15	W-3328	Valve Stem Assembly	1
16	N65063	Grease Fitting - Straight - 1/4-28 UNF (Not Shown).....	1

Wheel & Hub Rear Wheels



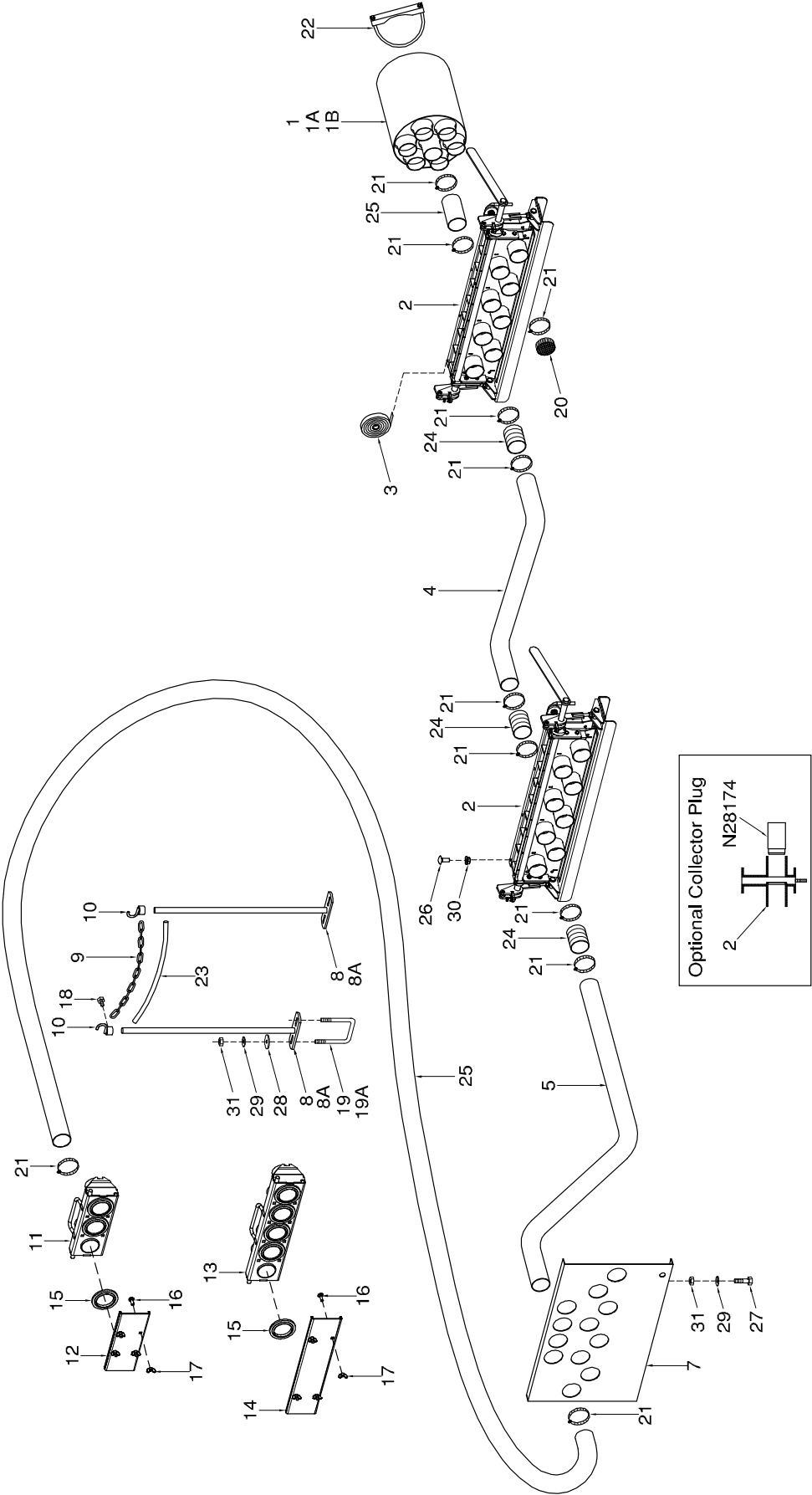
Item	Part No.	Description	Qty
9240 / 9252 / 9300 Rear Wheels			
1	N25617	Tire (AWT) - 23.1 x 26 (12 Ply Rating) 9240 / 9252 / 9300	1
1A	N25755	Tire (Rice) - 23.1 x 26 (10 Ply Rating) (Optional 9240 / 9252 / 9300)	1
2	N13964	Rim - DW20 x 26.....	1
3	N13950	Hub - Non-Drive Wheel (Includes Items 4, 5 & 11).....	1
3A	N25479	Hub - Drive Wheel (Includes Items 4, 5 & 11)	1
4	N13951	Bearing Cup	1
5	N13952	Bearing Cup	1
6	N13954	Inner Bearing Cone	1
7	N13955	Outer Bearing Cone	1
8	N13956	Seal.....	1
9	N13959	Gasket.....	1
10	N13957	Dust Cap	1
11	N13953	Wheel Stud Bolt	10
12	N13958	Wheel Nut - 3/4 UNF Flanged.....	10
13	N13962	Flatwasher - 1.281ID x 2 1/2 OD x 1/4 Thick.....	1
14	N19484	Castle Nut - 1 1/4-12 UNF.....	1
15	D-5239	Cotter Pin - 1/4 x 2 1/4	1
16	D-5247	Hex Bolt - 5/16 x 1/2.....	4
17	N13968	Valve Stem	1
18	S-752	Grease Nipple	1
19	N25611	Valve Hole Plug.....	1

Section 4: Distribution

Section Contents

Single Shoot Tow Behind 9240 and 9300	4-2
Single Shoot Tow Behind 9252.....	4-4
Single Shoot Tow Between 9240 and 9300.....	4-6
Single Shoot Tow Between 9252.....	4-8
Dual Shoot Tow Behind 9240 and 9300	4-10
Dual Shoot Tow Behind 9252	4-12
Dual Shoot Tow Between 9240 and 9300.....	4-14
Dual Shoot Tow Between 9252.....	4-16
Third Tank - Tow Behind.....	4-18
Third Tank - Tow Between	4-19
Quick Coupler	4-20
3 Outlet	4-20
5 Outlet	4-21
Divider Head - 1 Outlets.....	4-22
Single Shoot - 1 Outlets.....	4-24
Double Shoot - 1 Outlets	4-26
Divider Head - 1 1/8 Outlets.....	4-28
Single Shoot - 1 1/8 Outlet.....	4-30
Double Shoot - 1 1/8 Outlet	4-32
Double Shoot Diverter Valve.....	4-34
Double Shoot Plenum	4-35
Stainless Head Conversion Kits	4-36
Divider Head Mounting Stands	4-37
Divider Head Assembly.....	4-39

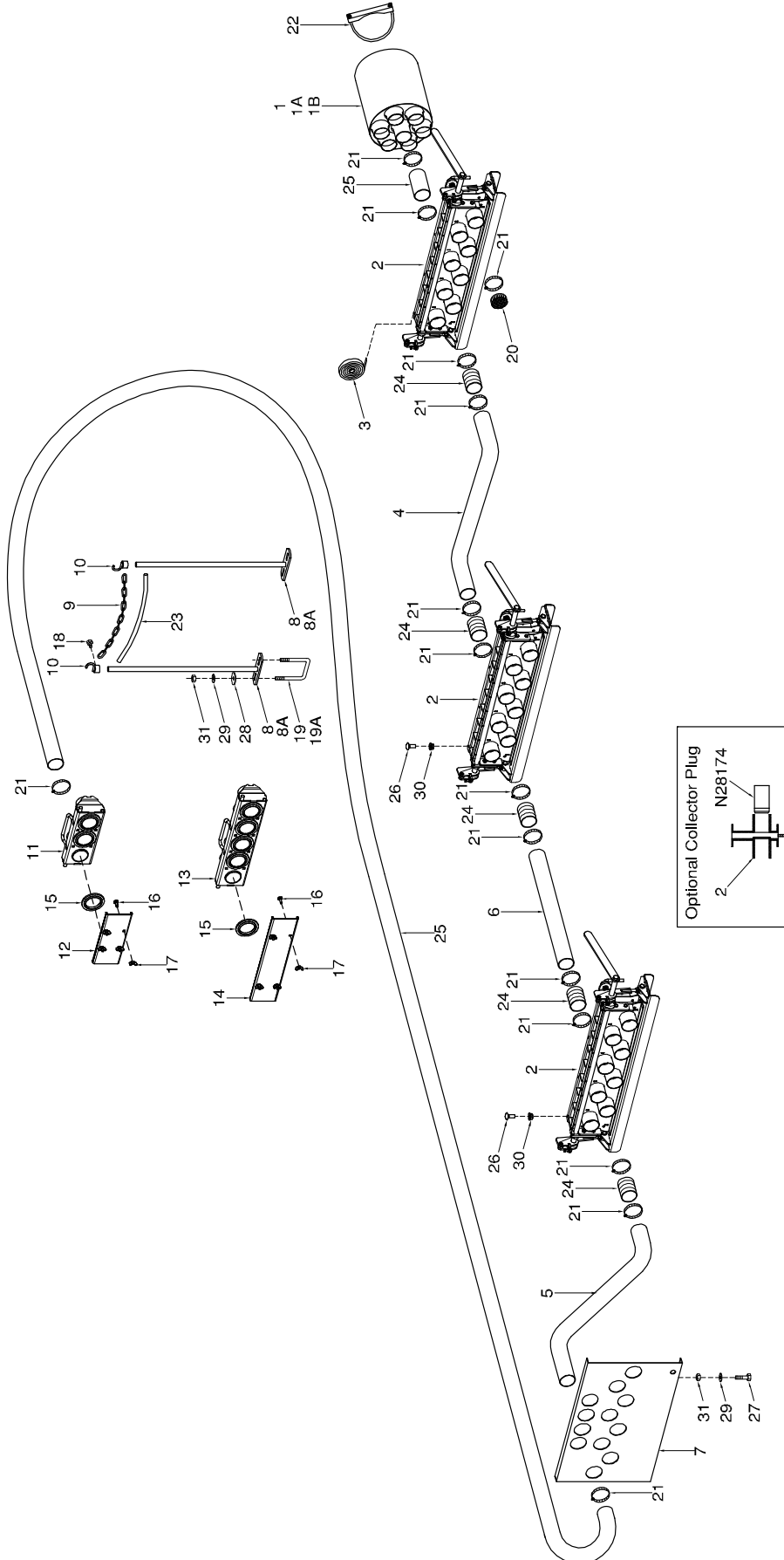
Distribution Single Shoot Tow Behind 9240 and 9300



Distribution - Single Shoot Tow Behind 9240 and 9300

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N19039	Plenum - 7 Outlet	1	1	0	0	0	0
1A	N19042	Plenum - 9 Outlet	0	0	1	1	0	0
1B	N19700	Plenum - 11 Outlet	0	0	0	0	1	1
2	N56265	Collector Assembly - Tow Behind - 8 Outlet.....	2	2	2	2	2	2
3	N15716	Seal Strip - 1/4 x 1 (Bulk/ft) x 5 1/4 ft	2	2	2	2	2	2
4	N62424	Tube SS - Primary - 55 3/4 9240 / 9300	3	4	5	6	7	8
5	N62425	Tube SS - Primary - 88 9240 / 9300	3	4	5	6	7	8
6	*****							
7	N27490	Mount Plate - Primary Tube - Single	1	1	1	1	1	1
8	N15105	Support - Bottom - Rod 12	2	2	2	0	0	0
8A	N19531	Support - Bottom - Rod 24	0	0	0	2	2	2
9	N19448	Chain - 80 Link.....	1	1	1	1	1	1
10	N19717	Hook - Chain	2	2	2	2	2	2
11	N51983	Quick Coupler - 3 Run - Cart - Contains Item 15	1	0	0	2	1	1
12	N53207	Cover Plate - 3 Run.....	1	0	0	2	1	1
13	N51955	Quick Coupler - 5 Run - Cart - Contains Item 15	0	1	1	0	1	1
14	N53209	Cover Plate - 5 Run.....	0	1	1	0	1	1
15	N40735	Washer Seal.....	3	5	5	6	8	8
16	S33420	Carriage Bolt - 5/16 x 1 Lg	4	4	4	8	8	8
17	S-747	Wing Nut - 5/16	4	4	4	8	8	8
18	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
19	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
19A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
20	N11907	Plastic Cap - 2 1/2.....	24	19	16	11	8	3
21	N11905	Hose Clamp - 2 1/2.....	54	59	66	71	78	83
22	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
23	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
24	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	9	12	15	18	21	24
25	R480055	Hose - 2 1/2 ID/ft (100 ft rolls)	75 ft	100 ft	125 ft	150 ft	175 ft	200 ft
26	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	16	16	16	16	16	16
27	W-475	Hex Bolt - 3/8 x 1 Lg.....	2	2	2	2	2	2
28	D-5579	Flatwasher - 3/8	4	4	4	4	4	4
29	W-523	Lockwasher - 3/8.....	6	6	6	6	6	6
30	D-5278	Serrated Locknut - 5/16.....	16	16	16	16	16	16
31	W-514	Hex Nut - 3/8.....	6	6	6	6	6	6
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

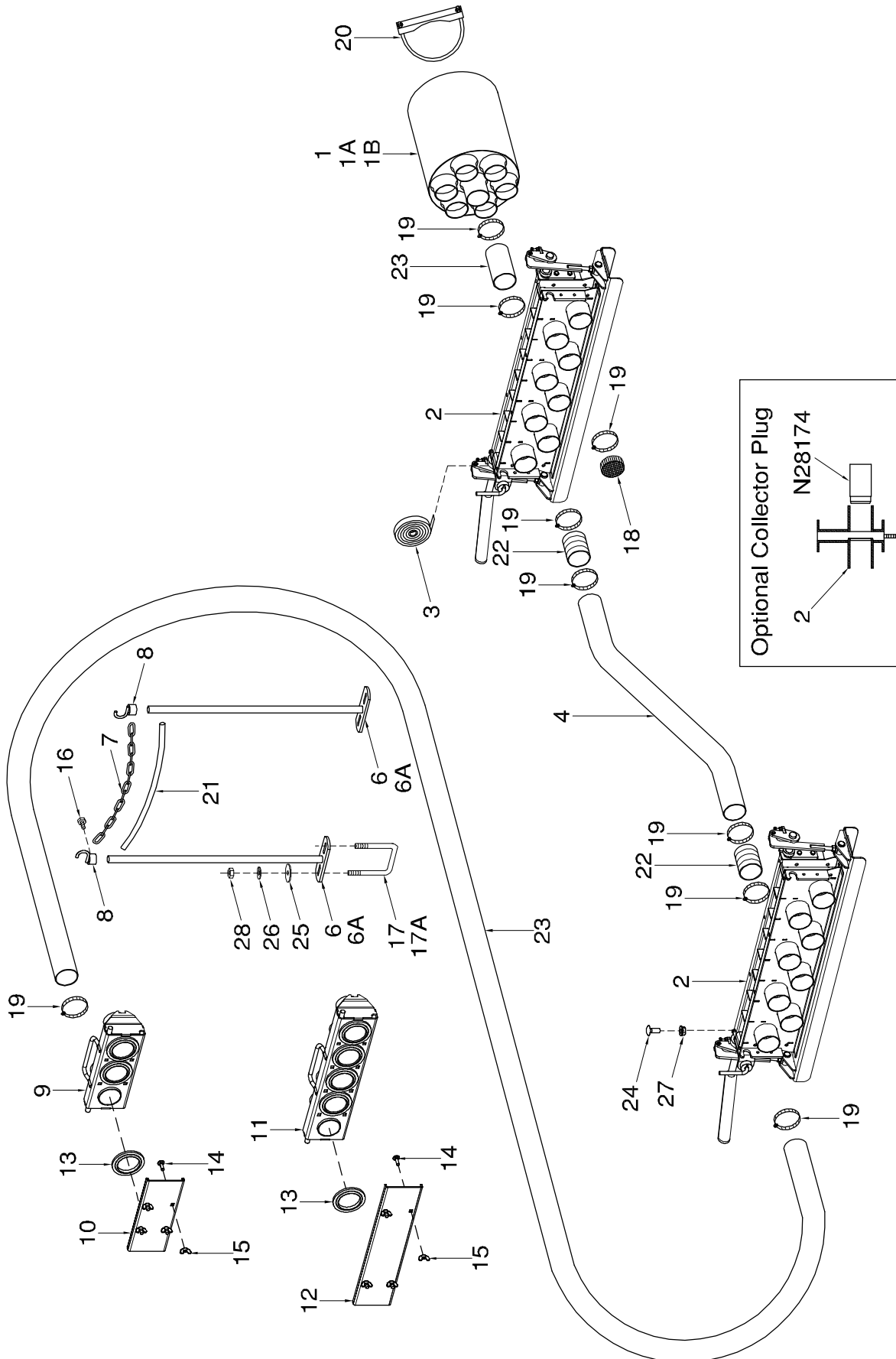
Distribution Single Shoot Tow Behind 9252



Distribution - Single Shoot Tow Behind 9252

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N19039	Plenum - 7 Outlet	1	1	0	0	0	0
1A	N19042	Plenum - 9 Outlet	0	0	1	1	0	0
1B	N19700	Plenum - 11 Outlet	0	0	0	0	1	1
2	N56265	Collector Assembly - Tow Behind - 8 Outlet.....	3	3	3	3	3	3
3	N15716	Seal Strip - 1/4 x 1 (Bulk/ft) x 5 1/4 ft	3	3	3	3	3	3
4	N62426	Tube SS - Primary - 43 3/4	3	4	5	6	7	8
5	N62427	Tube SS - Primary - 47	3	4	5	6	7	8
6	N62428	Tube SS - Primary - 57	3	4	5	6	7	8
7	N27490	Mount Plate - Primary Tube - Single	1	1	1	1	1	1
8	N15105	Support - Bottom - Rod 12	2	2	2	0	0	0
8A	N19531	Support - Bottom - Rod 24	0	0	0	2	2	2
9	N19448	Chain - 80 Link.....	1	1	1	1	1	1
10	N19717	Hook - Chain	2	2	2	2	2	2
11	N51983	Quick Coupler - 3 Run - Cart - Contains Item 15	1	0	0	2	1	1
12	N53207	Cover Plate - 3 Run.....	1	0	0	2	1	1
13	N51955	Quick Coupler - 5 Run - Cart - Contains Item 15	0	1	1	0	1	1
14	N53209	Cover Plate - 5 Run.....	0	1	1	0	1	1
15	N40735	Washer Seal.....	3	5	5	6	8	8
16	S33420	Carriage Bolt - 5/16 x 1 Lg	4	4	4	8	8	8
17	S-747	Wing Nut - 5/16	4	4	4	8	8	8
18	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
19	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
19A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
20	N11907	Plastic Cap - 2 1/2.....	34	27	22	15	10	3
21	N11905	Hose Clamp - 2 1/2	76	83	92	99	108	115
22	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
23	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
24	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	15	20	25	30	35	40
25	R480055	Hose - 2 1/2 ID/ft (100 ft rolls)	75 ft	100 ft	125 ft	150 ft	175 ft	200 ft
26	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	24	24	24	24	24	24
27	W-475	Hex Bolt - 3/8 x 1 Lg.....	2	2	2	2	2	2
28	D-5579	Flatwasher - 3/8	4	4	4	4	4	4
29	W-523	Lockwasher - 3/8.....	6	6	6	6	6	6
30	D-5278	Serrated Locknut - 5/16.....	24	24	24	24	24	24
31	W-514	Hex Nut - 3/8.....	6	6	6	6	6	6
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

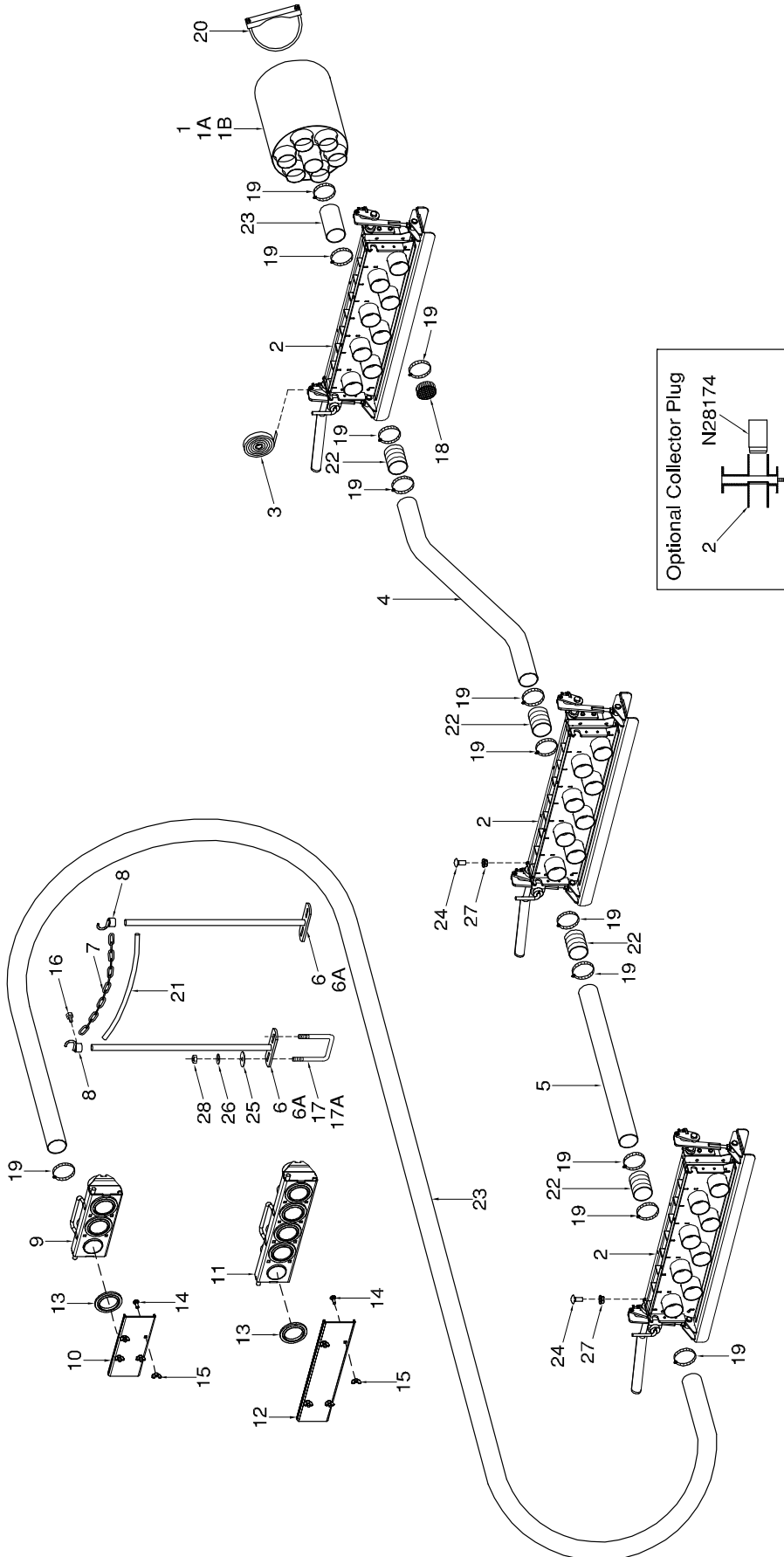
Distribution Single Shoot Tow Between 9240 and 9300



Distribution - Single Shoot Tow Between 9240 and 9300

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N19039	Plenum - 7 Outlet	1	1	0	0	0	0
1A	N19042	Plenum - 9 Outlet	0	0	1	1	0	0
1B	N19700	Plenum - 11 Outlet	0	0	0	0	1	1
2	N56297	Collector Assembly - Tow Between - 8 Outlet	2	2	2	2	2	2
3	N15716	Seal Strip - 1/4 x 1 (Bulk/ft) x 5 1/4 ft	2	2	2	2	2	2
4	N62424	Tube SS - Primary - 55 3/4 9240 / 9300	3	4	5	6	7	8
5	*****							
6	N15105	Support - Bottom - Rod 12	2	2	2	0	0	0
6A	N19531	Support - Bottom - Rod 24	0	0	0	2	2	2
7	N19448	Chain - 80 Link.....	1	1	1	1	1	1
8	N19717	Hook - Chain	2	2	2	2	2	2
9	N51983	Quick Coupler - 3 Run - Cart - Contains Item 13	1	0	0	2	1	1
10	N53207	Cover Plate - 3 Run.....	1	0	0	2	1	1
11	N51955	Quick Coupler - 5 Run - Cart - Contains Item 13	0	1	1	0	1	1
12	N53209	Cover Plate - 5 Run.....	0	1	1	0	1	1
13	N40735	Washer Seal.....	3	5	5	6	8	8
14	S33420	Carriage Bolt - 5/16 x 1 Lg	4	4	4	8	8	8
15	S-747	Wing Nut - 5/16	4	4	4	8	8	8
16	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
17	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
17A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
18	N11907	Plastic Cap - 2 1/2.....	24	19	16	11	8	3
19	N11905	Hose Clamp - 2 1/2	48	51	56	59	64	67
20	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
21	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
22	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	6	8	10	12	14	16
23	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls).....	75 ft	100 ft	125 ft	150 ft	175 ft	200 ft
24	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	16	16	16	16	16	16
25	D-5579	Flatwasher - 3/8	4	4	4	4	4	4
26	W-523	Lockwasher - 3/8.....	4	4	4	4	4	4
27	D-5278	Serrated Locknut - 5/16.....	16	16	16	16	16	16
28	W-514	Hex Nut - 3/8.....	4	4	4	4	4	4
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

Distribution Single Shoot Tow Between 9252

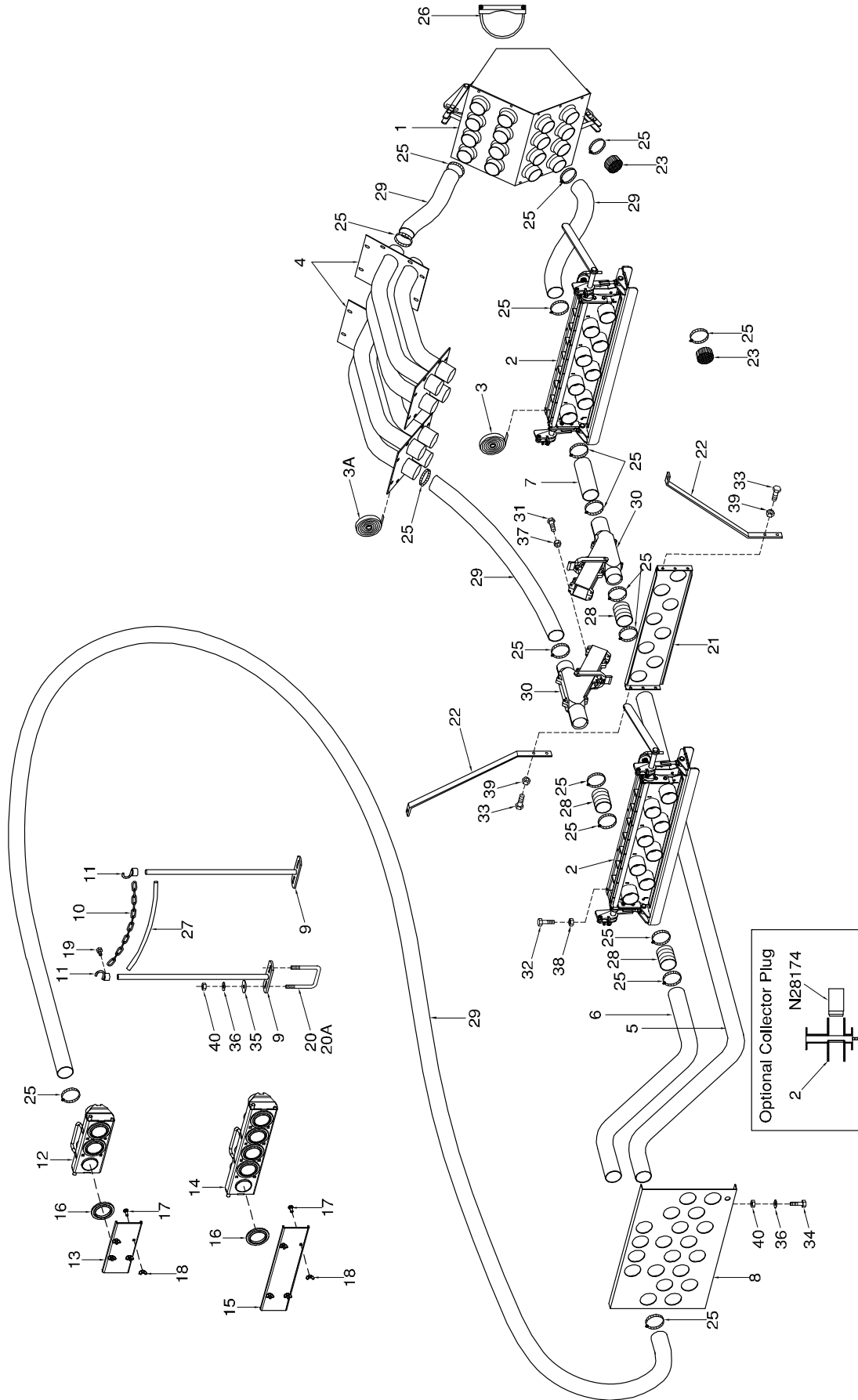


Optional Collector Plug
N28174

Distribution - Single Shoot Tow Between 9252

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N19039	Plenum - 7 Outlet	1	1	0	0	0	0
1A	N19042	Plenum - 9 Outlet	0	0	1	1	0	0
1B	N19700	Plenum - 11 Outlet	0	0	0	0	1	1
2	N56297	Collector Assembly - Tow Between - 8 Outlet	3	3	3	3	3	3
3	N15716	Seal Strip - 1/4 x 1 (Bulk/ft) x 5 1/4 ft	3	3	3	3	3	3
4	N62426	Tube SS - Primary - 43 3/4	3	4	5	6	7	8
5	N62428	Tube SS - Primary - 57	3	4	5	6	7	8
6	N15105	Support - Bottom - Rod 12	2	2	2	0	0	0
6A	N19531	Support - Bottom - Rod 24	0	0	0	2	2	2
7	N19448	Chain - 80 Link.....	1	1	1	1	1	1
8	N19717	Hook - Chain	2	2	2	2	2	2
9	N51983	Quick Coupler - 3 Run - Cart - Contains Item 13	1	0	0	2	1	1
10	N53207	Cover Plate - 3 Run.....	1	0	0	2	1	1
11	N51955	Quick Coupler - 5 Run - Cart - Contains Item 13	0	1	1	0	1	1
12	N53209	Cover Plate - 5 Run.....	0	1	1	0	1	1
13	N40735	Washer Seal.....	3	5	5	6	8	8
14	S33420	Carriage Bolt - 5/16 x 1 Lg	4	4	4	8	8	8
15	S-747	Wing Nut - 5/16	4	4	4	8	8	8
16	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
17	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
17A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
18	N11907	Plastic Cap - 2 1/2.....	34	27	22	15	10	3
19	N11905	Hose Clamp - 2 1/2	76	83	92	99	108	115
20	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
21	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
22	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	12	16	20	24	28	32
23	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls).....	75 ft	100 ft	125 ft	150 ft	175 ft	200 ft
24	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	24	24	24	24	24	24
25	D-5579	Flatwasher - 3/8	4	4	4	4	4	4
26	W-523	Lockwasher - 3/8.....	4	4	4	4	4	4
27	D-5278	Serrated Locknut - 5/16.....	24	24	24	24	24	24
28	W-514	Hex Nut - 3/8.....	4	4	4	4	4	4
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

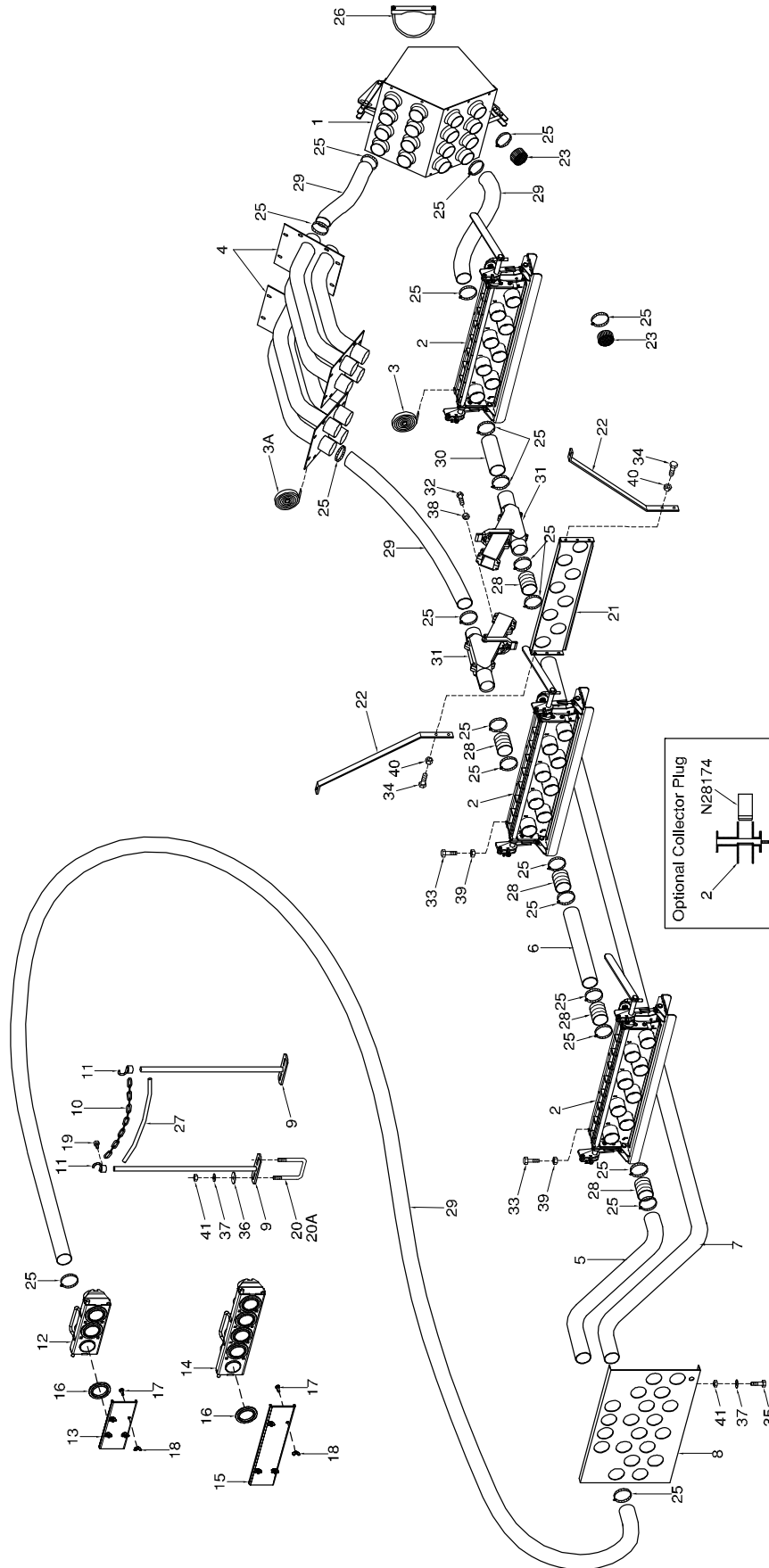
Distribution Dual Shoot Tow Behind 9240 and 9300



Distribution - Dual Shoot Tow Behind 9240 and 9300

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N28824	Plenum Assembly - Dual Shoot.....	1	1	1	1	1	1
2	N56265	Collector Assembly - Tow Behind - 8 Outlet.....	2	2	2	2	2	2
3	N15716	Seal - 1/4 x 1 (Bulk/ft) x 5 1/4 ft.....	2	2	2	2	2	2t
3A	N15716	Seal - 1/4 x 1 x 38 (Bulk/ft).....	6	6	6	6	6	6
4	N44140	Pipe Housing - Dual Shoot 9240 / 9300.....	2	2	2	2	2	2
5	N62431	Tube SS - Primary - 112 9240 / 9300.....	3	4	5	6	7	8
6	N62425	Tube SS - Primary - 88 9240 / 9300.....	3	4	5	6	7	8
7	N29062	Hose - 2.52 ID x 2.77 OD x 29 Lg (Black Plastic)	3	4	5	6	7	8
8	N27495	Mount Plate - Primary Tube - Dual.....	1	1	1	1	1	1
9	N19531	Support - Bottom - Rod 24	2	2	2	2	2	2
10	N19448	Chain - 80 Link.....	1	1	1	1	1	1
11	N19717	Hook - Chain	2	2	2	2	2	2
12	N51983	Quick Coupler - 3 Run - Cart - Contains Item 16	2	0	0	4	2	2
13	N53207	Cover Plate - 3 Run.....	2	0	0	4	2	2
14	N51955	Quick Coupler - 5 Run - Cart - Contains Item 16	0	2	2	0	2	2
15	N53209	Cover Plate - 5 Run.....	0	2	2	0	2	2
16	N40735	Washer Seal.....	6	10	10	12	16	16
17	S33420	Carriage Bolt - 5/16 x 1 Lg	8	8	16	16	16	16
18	S-747	Wing Nut - 5/16	8	8	16	16	16	16
19	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
20	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
20A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
21	N28813	Strap - Mount Bracket	2	2	2	2	2	2
22	N28814	Mount Plate - Dual Shoot.....	1	1	1	1	1	1
23	N11907	Plastic Cap - Short - 2 1/2 Dia	40	32	24	16	8	0
25	N11905	Hose Clamp - 2 1/2 Dia.....	88	96	104	112	120	128
26	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
27	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
28	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	9	12	15	18	21	24
29	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls).....	150 ft	200 ft	250 ft	300 ft	350 ft	400 ft
30	N30068	Diverter Valve Assembly	6	8	10	12	14	16
31	W-470	Hex Bolt - 1/4 x 1 1/4 Lg.....	12	16	20	24	28	32
32	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	24	24	24	24	24	24
33	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	4	4	4	4	4	4
34	W-475	Hex Bolt - 3/8 x 1 Lg.....	2	2	2	2	2	2
35	D-5579	Flatwasher - 3/8	4	4	4	4	4	4
36	W-523	Lockwasher - 3/8.....	6	6	6	6	6	6
37	N22778	Locknut - 1/4 Nylon Insert.....	12	16	20	24	28	32
38	D-5278	Serrated Locknut - 5/16.....	24	24	24	24	24	24
39	D-5279	Serrated Locknut - 3/8.....	2	2	2	2	2	2
40	W-514	Hex Nut - 3/8.....	6	6	6	6	6	6
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

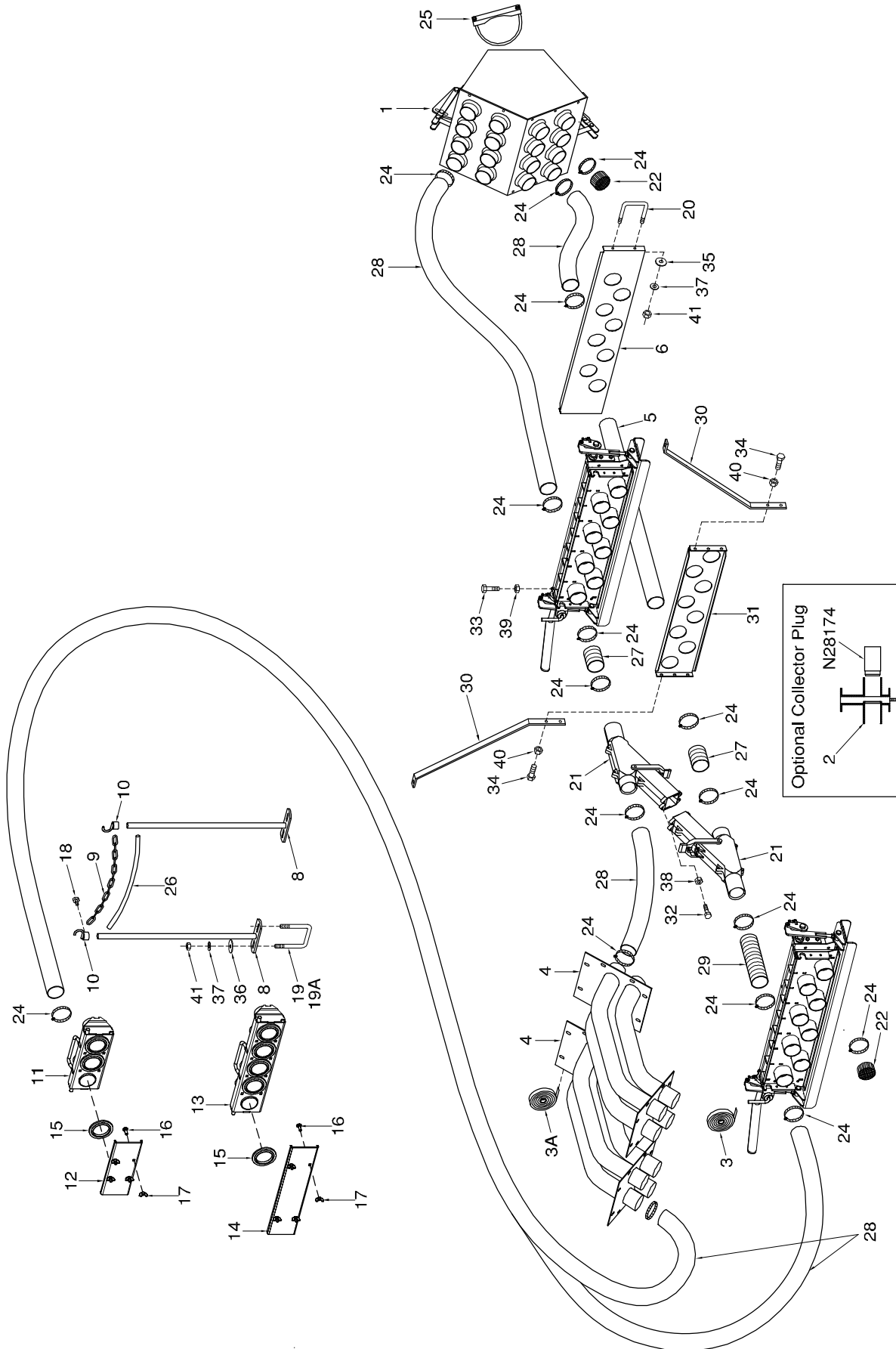
Distribution Dual Shoot Tow Behind 9252



Distribution - Dual Shoot Tow Behind 9252

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N28824	Plenum Assembly - Dual Shoot.....	1	1	1	1	1	1
2	N56265	Collector Assembly - Tow Behind - 8 Outlet.....	3	3	3	3	3	3
3	N15716	Seal - 1/4 x 1 (Bulk/ft) x 5 1/4 ft.....	3	3	3	3	3	3
3A	N15716	Seal - 1/4 x 1 x 38 (Bulk/ft).....	6	6	6	6	6	6
4	N27450	Pipe Housing - Dual Shoot.....	2	2	2	2	2	2
5	N62427	Tube SS - Primary - 47	3	4	5	6	7	8
6	N62428	Tube SS - Primary - 57	3	4	5	6	7	8
7	N62432	Tube SS - Primary - 134 13/32	3	4	5	6	7	8
8	N27495	Mount Plate - Primary Tube - Dual.....	1	1	1	1	1	1
9	N19531	Support - Bottom - Rod 24	2	2	2	2	2	2
10	N19448	Chain - 80 Link.....	1	1	1	1	1	1
11	N19717	Hook - Chain	2	2	2	2	2	2
12	N51983	Quick Coupler - 3 Run - Cart - Contains Item 16	2	0	0	4	2	2
13	N53207	Cover Plate - 3 Run.....	2	0	0	4	2	2
14	N51955	Quick Coupler - 5 Run - Cart - Contains Item 16	0	2	2	0	2	2
15	N53209	Cover Plate - 5 Run.....	0	2	2	0	2	2
16	N40735	Washer Seal.....	6	10	10	12	16	16
17	S33420	Carriage Bolt - 5/16 x 1 Lg	8	8	16	16	16	16
18	S-747	Wing Nut - 5/16	8	8	16	16	16	16
19	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
20	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
20A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
21	N28813	Strap - Mount Bracket	2	2	2	2	2	2
22	N28814	Mount Plate - Dual Shoot.....	1	1	1	1	1	1
23	N11907	Plastic Cap - Short - 2 1/2 Dia	50	40	30	20	10	0
25	N11905	Hose Clamp - 2 1/2 Dia.....	109	120	131	142	153	164
26	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
27	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
28	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	15	20	25	30	35	40
29	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls).....	150 ft	200 ft	250 ft	300 ft	350 ft	400 ft
30	N29061	Hose - 2 1/2 Dia x 17 Lg (Black Plastic).....	3	4	5	6	7	8
31	N30068	Diverter Valve Assembly	6	8	10	12	14	16
32	W-470	Hex Bolt - 1/4 x 1 1/4 Lg.....	12	16	20	24	28	32
33	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	24	24	24	24	24	24
34	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	4	4	4	4	4	4
35	W-475	Hex Bolt - 3/8 x 1 Lg.....	2	2	2	2	2	2
36	D-5579	Flatwasher - 3/8	4	4	4	4	4	4
37	W-523	Lockwasher - 3/8.....	6	6	6	6	6	6
38	N22778	Locknut - 1/4 Nylon Insert.....	12	16	20	24	28	32
39	D-5278	Serrated Locknut - 5/16.....	24	24	24	24	24	24
40	D-5279	Serrated Locknut - 3/8.....	2	2	2	2	2	2
41	W-514	Hex Nut - 3/8.....	6	6	6	6	6	6
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

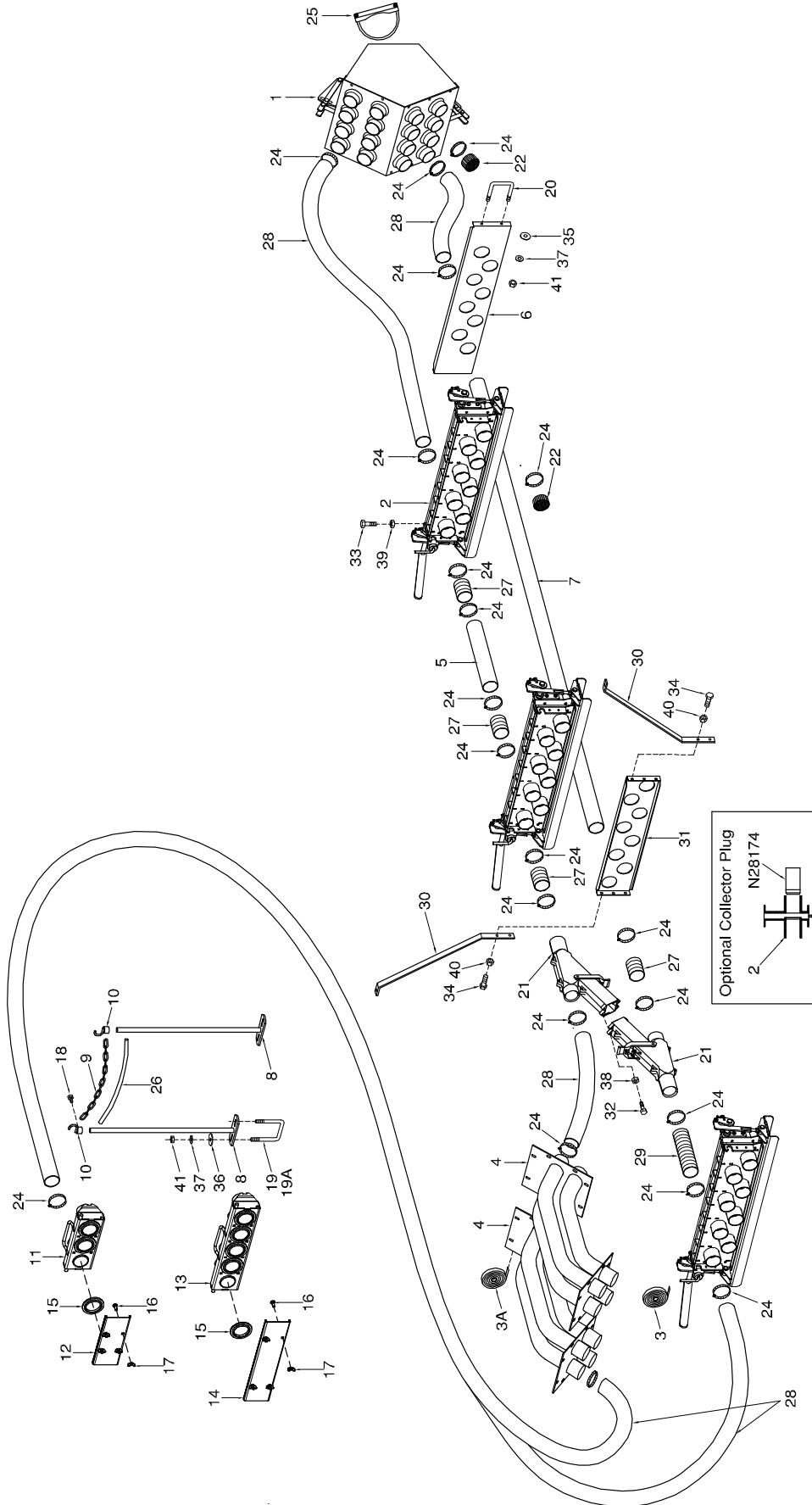
Distribution Dual Shoot Tow Between 9240 and 9300



Distribution - Dual Shoot Tow Between 9240 and 9300

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N28824	Plenum Assembly - Dual Shoot.....	1	1	1	1	1	1
2	N56297	Collector Assembly - Tow Between - 8 Outlet	2	2	2	2	2	2
3	N15716	Seal - 1/4 x 1 (Bulk/ft) x 5 1/4 ft.....	2	2	2	2	2	2
3A	N15716	Seal - 1/4 x 1 x 38 (Bulk/ft).....	6	6	6	6	6	6
4	N44140	Pipe Housing - Dual Shoot - 9240 / 9300	2	2	2	2	2	2
5	N62421	Tube SS - Primary - 31 1/8	3	4	5	6	7	8
6	N27872	Mount Plate - Dual Between	1	1	1	1	1	1
7	*****							
8	N19531	Support - Bottom - Rod 24	2	2	2	2	2	2
9	N19448	Chain - 80 Link.....	1	1	1	1	1	1
10	N19717	Hook - Chain	2	2	2	2	2	2
11	N51983	Quick Coupler - 3 Run - Cart - Contains Item 15	2	0	0	4	2	2
12	N53207	Cover Plate - 3 Run.....	2	0	0	4	2	2
13	N51955	Quick Coupler - 5 Run - Cart - Contains Item 15	0	2	2	0	2	2
14	N53209	Cover Plate - 5 Run.....	0	2	2	0	2	2
15	N40735	Washer Seal.....	6	10	10	12	16	16
16	S33420	Carriage Bolt - 5/16 x 1 Lg	8	8	16	16	16	16
17	S-747	Wing Nut - 5/16	8	8	16	16	16	16
18	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
19	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
19A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
20	N27709	U-Bolt - 3/8 x 3 3/8 x 2 3/4	2	2	2	2	2	2
21	N30068	Diverter Valve Assembly	6	8	10	12	14	16
22	N11907	Plastic Cap - Short - 2 1/2 Dia	50	40	30	20	10	0
24	N11905	Hose Clamp - 2 1/2 Dia.....	88	96	104	112	120	128
25	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
26	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
27	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	6	8	10	12	14	16
28	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls).....	150 ft	200 ft	250 ft	300 ft	350 ft	400 ft
29	N29061	Hose - 2 1/2 Dia x 17 Lg (Black Plastic).....	3	4	5	6	7	8
30	N28813	Strap - Mounted Bracket	2	2	2	2	2	2
31	N28814	Mount Plate - Dual Shoot	1	1	1	1	1	1
32	W-470	Hex Bolt - 1/4 x 1 1/4 Lg.....	12	16	20	24	28	32
33	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	24	24	24	24	24	24
34	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	4	4	4	4	4	4
35	D-5489	Flatwasher - 13/32 ID x 13/16 OD x 16 Ga	4	4	4	4	4	4
36	D-5579	Flatwasher - 13/32 ID x 1 OD x 16 Ga	4	4	4	4	4	4
37	W-523	Lockwasher - 3/8.....	8	8	8	8	8	8
38	N22778	Locknut - 1/4 Nylon Insert.....	12	16	20	24	28	32
39	D-5278	Serrated Locknut - 5/16.....	16	16	16	16	16	16
40	D-5279	Serrated Locknut - 3/8.....	2	2	2	2	2	2
41	W-514	Hex Nut - 3/8.....	8	8	8	8	8	8
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

Distribution Dual Shoot Tow Between 9252

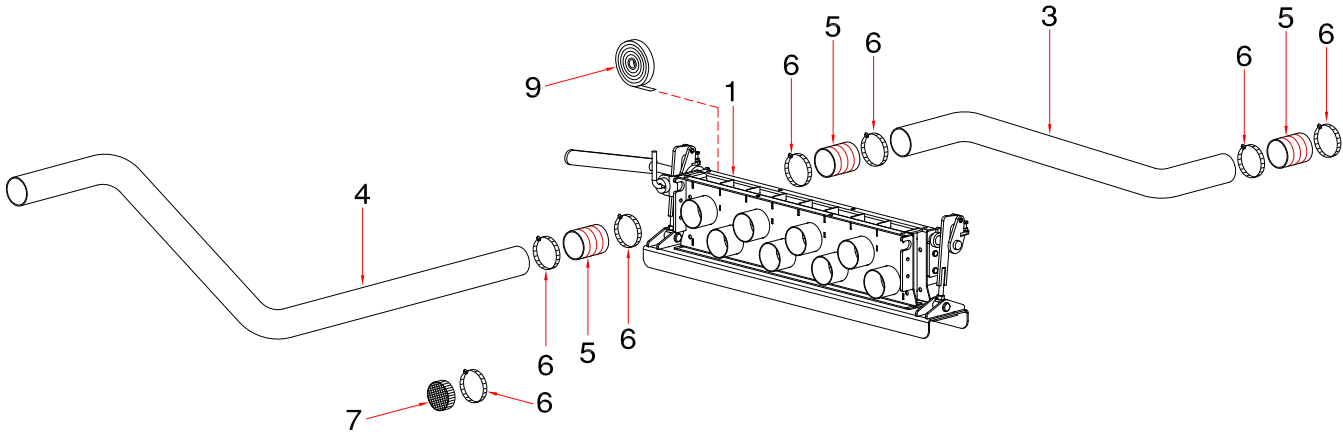


Distribution - Dual Shoot Tow Between 9252

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N28824	Plenum Assembly - Dual Shoot.....	1	1	1	1	1	1
2	N56297	Collector Assembly - Tow Between - 8 Outlet	3	3	3	3	3	3
3	N15716	Seal - 1/4 x 1 (Bulk/ft) x 5 1/4 ft.....	3	3	3	3	3	3
3A	N15716	Seal - 1/4 x 1 x 38 (Bulk/ft).....	6	6	6	6	6	6
4	N27450	Pipe Housing - Dual Shoot.....	2	2	2	2	2	2
5	N62428	Tube SS - Primary - 57	3	4	5	6	7	8
6	N27872	Mount Plate - Dual Between	1	1	1	1	1	1
7	N62433	Tube SS - Primary - 87	3	4	5	6	7	8
8	N19531	Support - Bottom - Rod 24	2	2	2	2	2	2
9	N19448	Chain - 80 Link.....	1	1	1	1	1	1
10	N19717	Hook - Chain	2	2	2	2	2	2
11	N51983	Quick Coupler - 3 Run - Cart - Contains Item 15	2	0	0	4	2	2
12	N53207	Cover Plate - 3 Run.....	2	0	0	4	2	2
13	N51955	Quick Coupler - 5 Run - Cart - Contains Item 15	0	2	2	0	2	2
14	N53209	Cover Plate - 5 Run.....	0	2	2	0	2	2
15	N40735	Washer Seal.....	6	10	10	12	16	16
16	S33420	Carriage Bolt - 5/16 x 1 Lg	8	8	16	16	16	16
17	S-747	Wing Nut - 5/16	8	8	16	16	16	16
18	N24396	Setscrew - 1/4 x 1/2	2	2	2	2	2	2
19	N15098	U-Bolt - 3/8 x 4 x 5	2	2	2	2	2	2
19A	N15097	U-Bolt - 3/8 x 2 x 5	2	2	2	2	2	2
20	N27709	U-Bolt - 3/8 x 3 3/8 x 2 3/4	2	2	2	2	2	2
21	N30068	Diverter Valve Assembly	6	8	10	12	14	16
22	N11907	Plastic Cap - Short - 2 1/2 Dia	50	40	30	20	10	0
24	N11905	Hose Clamp - 2 1/2 Dia.....	109	120	131	142	153	164
25	N15930	U-Clamp - 6 Dia Heavy Duty Flat.....	1	1	1	1	1	1
26	R480034	Hose - .929 ID x 1.169 OD/ft (75 ft roll)	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
27	N19428	Hose - 2.52 ID x 2.77 OD x 5 Lg (Black Plastic)	12	16	20	24	28	32
28	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls).....	150 ft	200 ft	250 ft	300 ft	350 ft	400 ft
29	N29061	Hose - 2 1/2 Dia x 17 Lg (Black Plastic).....	3	4	5	6	7	8
30	N28813	Strap - Mounted Bracket	2	2	2	2	2	2
31	N28814	Mount Plate - Dual Shoot	1	1	1	1	1	1
32	W-470	Hex Bolt - 1/4 x 1 1/4 Lg.....	12	16	20	24	28	32
33	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	24	24	24	24	24	24
34	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	4	4	4	4	4	4
35	D-5489	Flatwasher - 13/32 ID x 13/16 OD x 16 Ga	4	4	4	4	4	4
36	D-5579	Flatwasher - 13/32 ID x 1 OD x 16 Ga	4	4	4	4	4	4
37	W-523	Lockwasher - 3/8.....	8	8	8	8	8	8
38	N22778	Locknut - 1/4 Nylon Insert.....	12	16	20	24	28	32
39	D-5278	Serrated Locknut - 5/16.....	24	24	24	24	24	24
40	D-5279	Serrated Locknut - 3/8.....	2	2	2	2	2	2
41	W-514	Hex Nut - 3/8.....	8	8	8	8	8	8
	N19000	Decal - "AIRFLOW ARROW" (Not Shown).....	6	6	6	6	6	6

Distribution Third Tank - Tow Behind

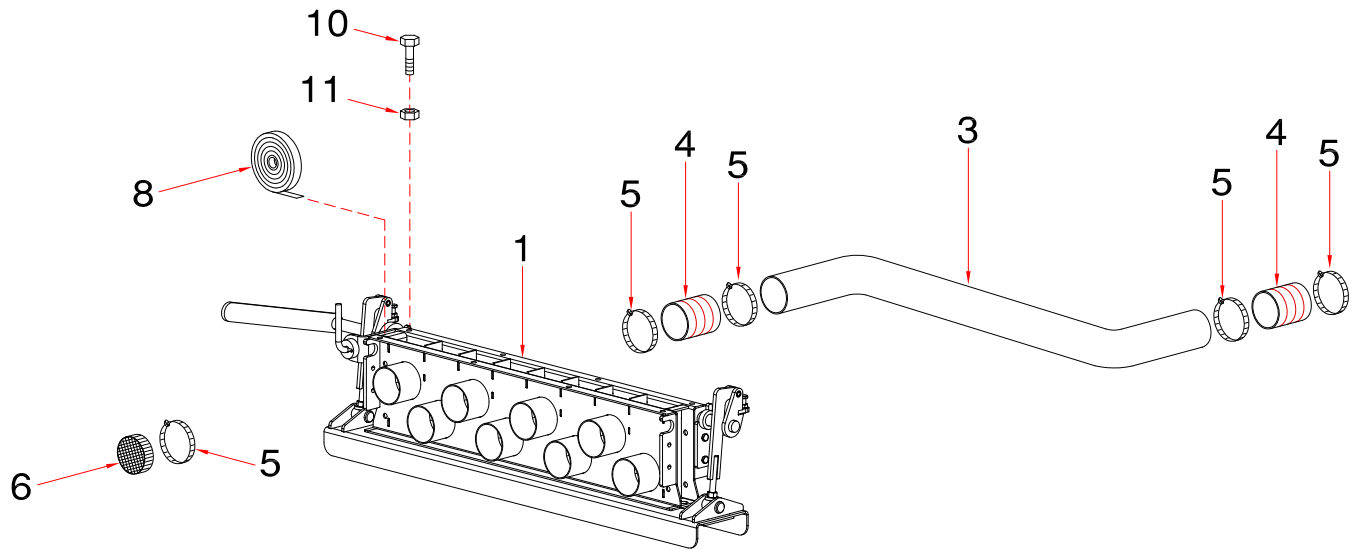
9240 and 9300 only



Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N56255	Collector - 8 Outlet	1	1	1	1	1	1
2	N19693	Cover - Cleanout - 8 Outlet	1	1	1	1	1	1
3	N62429	Tube SS - Primary - 37 (9042 For 9240 & 9300)	3	4	5	6	7	8
4	N62430	Tube SS - Primary - 44 (9042 For 9240 & 9300)	3	4	5	6	7	8
5	N19428	Hose - 2.54 ID x 2.79 OD x 5	6	8	10	12	14	16
6	N11905	Hose Clamp - 2 1/2	22	24	26	28	30	32
7	N11907	Plastic Cap - 2 1/2	10	8	6	4	2	-
8	N27360	Wing Nut - 1/2	2	2	2	2	2	2
9	N19449	Seal Strip - 3/8 x 1 (Bulk/ft) x 5 1/4 ft	1	1	1	1	1	1
10	N29107	Collector Extension	1	1	1	1	1	1
	N40505	Collector Extension (2 Meter Controlled Traffic Only)..	1	1	1	1	1	1
11	F-1767	Hex Bolt - 5/16 x 3/4 Lg	8	8	8	8	8	8
12	D-5278	Locknut Serrated - 5/16	8	8	8	8	8	8

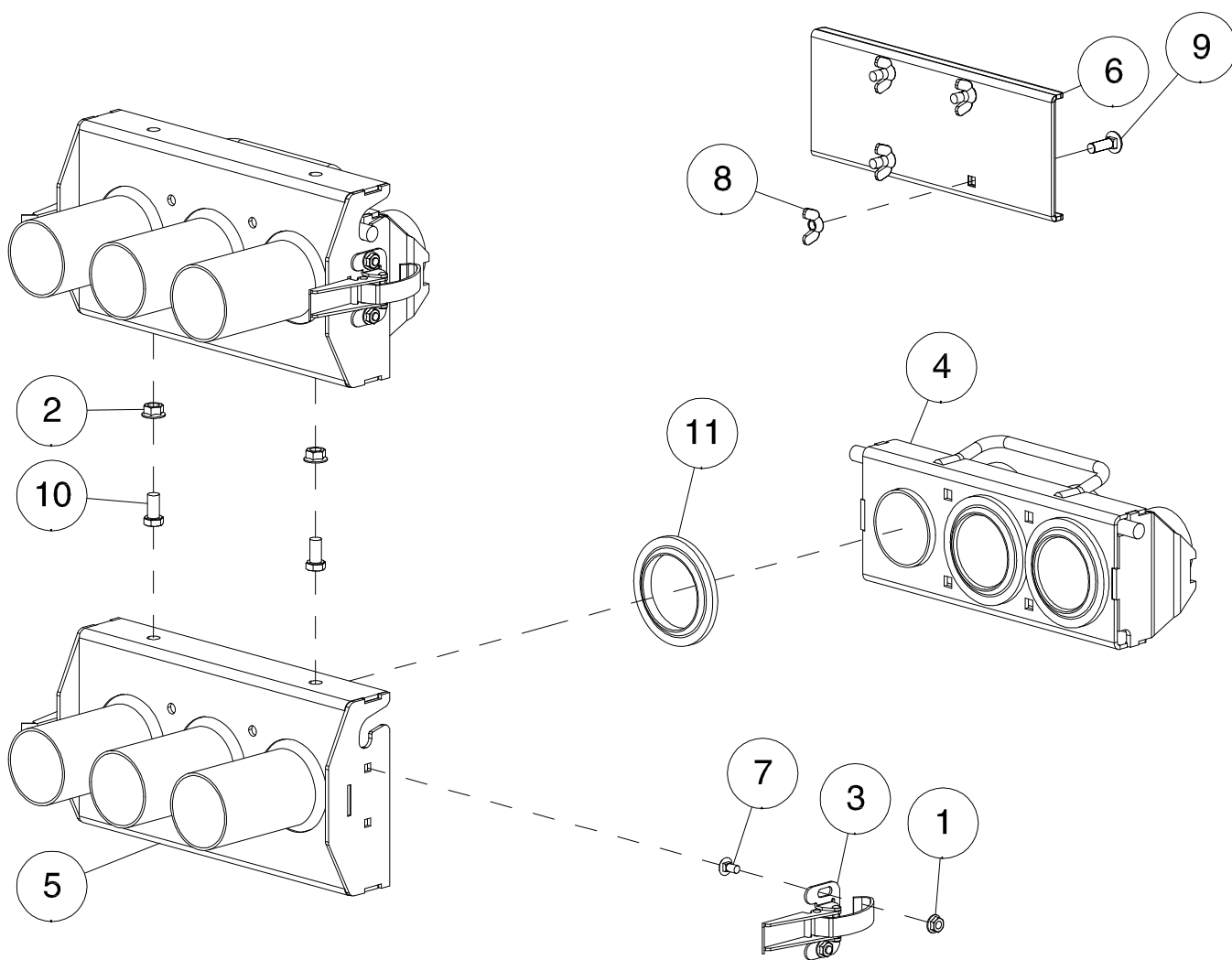
Metering & Distribution Third Tank - Tow Between

9240 and 9300 only



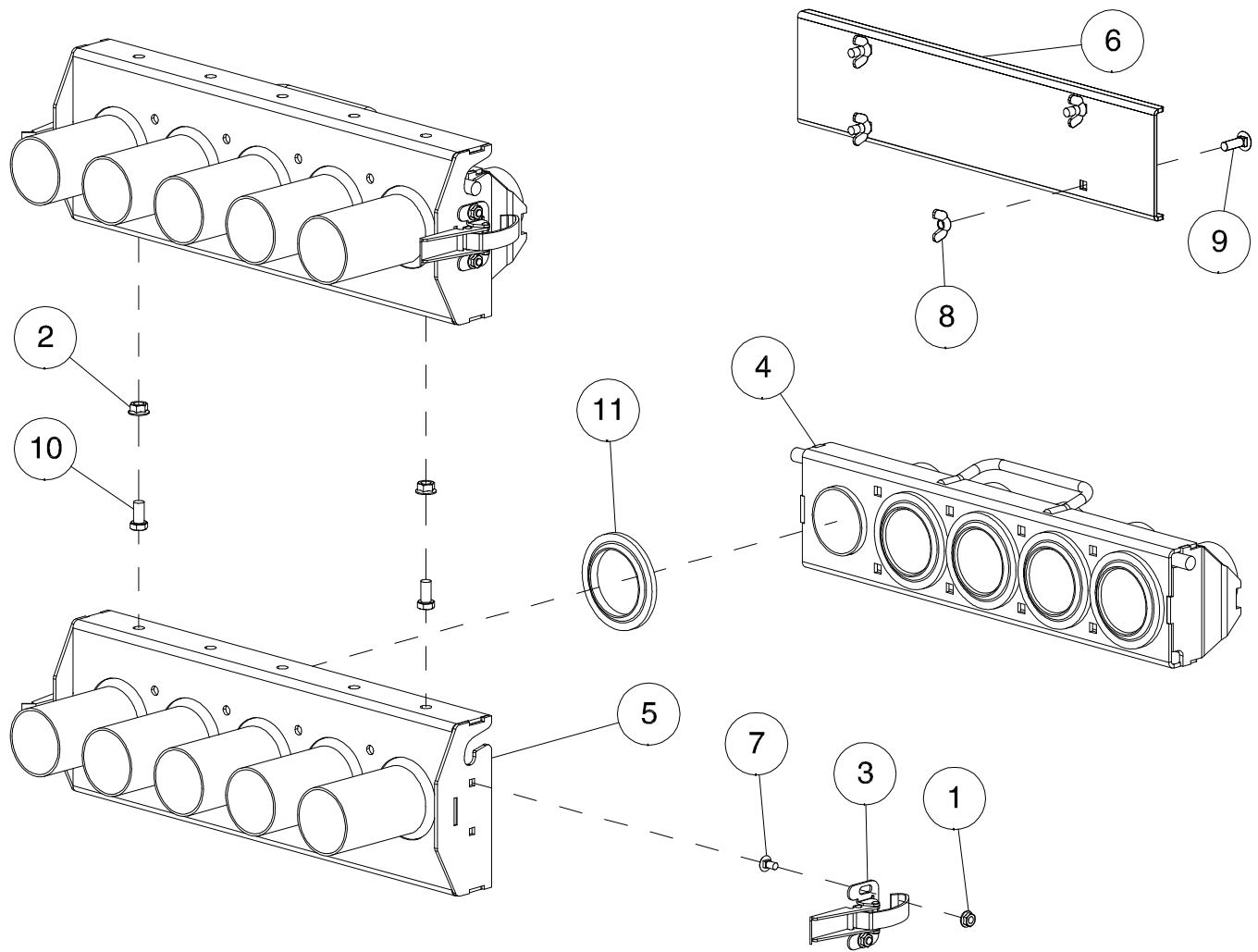
Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N56255	Collector - 8 Outlet	1	1	1	1	1	1
2	N19693	Cover - Cleanout - 8 Outlet	1	1	1	1	1	1
3	N62429	Tube SS - Primary - 37 (9042).....	3	4	5	6	7	8
4	N19428	Hose - 2.54 ID x 2.79 OD x 5.....	6	8	10	12	14	16
5	N11905	Hose Clamp - 2 1/2	22	24	26	28	30	32
6	N11907	Plastic Cap - 2 1/2.....	10	8	6	4	2	-
7	N27360	Wing Nut - 1/2	2	2	2	2	2	2
8	N19449	Seal Strip - 3/8 x 1 (Bulk/ft) x 5 1/4 ft	1	1	1	1	1	1
9	N29107	Collector Extension	1	1	1	1	1	1
	N40505	Collector Extension (2 Meter Controlled Traffic Only)..	1	1	1	1	1	1
10	F-1767	Hex Bolt - 5/16 x 3/4 Lg.....	8	8	8	8	8	8
11	D-5278	Locknut Serrated - 5/16.....	8	8	8	8	8	8

Quick Coupler 3 Outlet



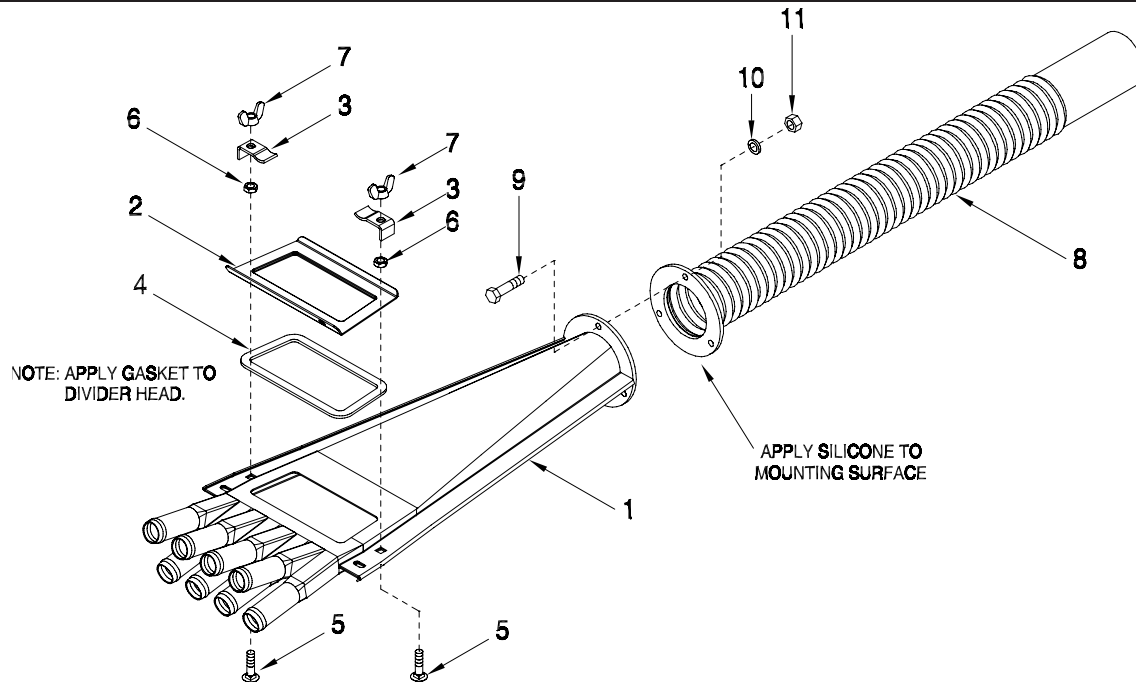
Item	Part No.	Description	Qty
1	D-5277	Flange Lock Nut - 1/4 Unc Serrated.....	8
2	D-5279	Flange Lock Nut - 3/8 Unc Serrated.....	2
3	N42213	Latch	4
4	N51983	Quick Coupler - 3 Run - Cart - Contains Item 11	2
5	N53200	Quick Coupler - 3 Run - Drill	2
6	N53207	Cover Plate - 3 Run.....	2
7	N53215	Carriage Bolt - 1/4 x 1/2 Lg	8
8	S-747	Wing Nut - 5/16	8
9	S33420	Carriage Bolt - 5/16 x 1 Lg	8
10	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	2
11	N40735	Washer Seal.....	6
	N16170	Clear Silicon 305ml - used to assemble 11 to 4	As Req

Quick Coupler 5 Outlet



Item	Part No.	Description	Qty
1	D-5277	Flange Lock Nut - 1/4 Unc Serrated.....	8
2	D-5279	Flange Lock Nut - 3/8 Unc Serrated.....	2
3	N42213	Latch	4
4	N51955	Quick Coupler - 5 Run - Cart - Contains Item 11	2
5	N51960	Quick Coupler - 5 Run - Drill	2
6	N53209	Cover Plate - 5 Run.....	2
7	N53215	Carriage Bolt - 1/4 x 1/2 Lg	8
8	S-747	Wing Nut - 5/16	8
9	S33420	Carriage Bolt - 5/16 x 1 Lg	8
10	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	2
11	N40735	Washer Seal.....	6
	N16170	Clear Silicon 305ml - used to assemble 11 to 4	As Req

Distribution Divider Head - 1 Outlets



Head Size	Number of Secondary Outlets																																																	
	3 Primaries										4 Primaries										5 Primaries																													
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50																				
7 Outlet	3	2	1	*	*	*	*	*	*	*	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
8 Outlet	*	1	2	3	2	1	*	*	*	*	3	4	3	2	1	*	*	*	*	*	*	4	3	2	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
9 Outlet	*	*	*	*	1	2	3	2	1	*	*	*	1	2	3	4	3	2	1	*	1	2	3	4	5	4	3	2	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
10 Outlet	*	*	*	*	*	*	*	*	1	2	3	*	*	*	*	*	*	1	2	3	4	*	*	*	*	*	*	1	2	3	4	5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			

Head Size	Number of Secondary Outlets																																															
	6 Primaries										7 Primaries										8 Primaries																											
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																		
7 Outlet	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8 Outlet	3	2	1	*	*	*	*	*	*	*	2	1	*	*	*	*	*	*	*	*	*	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
9 Outlet	3	4	5	6	5	4	3	2	1	*	5	6	7	6	5	4	3	2	1	*	7	8	7	6	5	4	3	2	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10 Outlet	*	*	*	*	1	2	3	4	5	6	*	*	*	1	2	3	4	5	6	7	*	*	1	2	3	4	5	6	7	8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

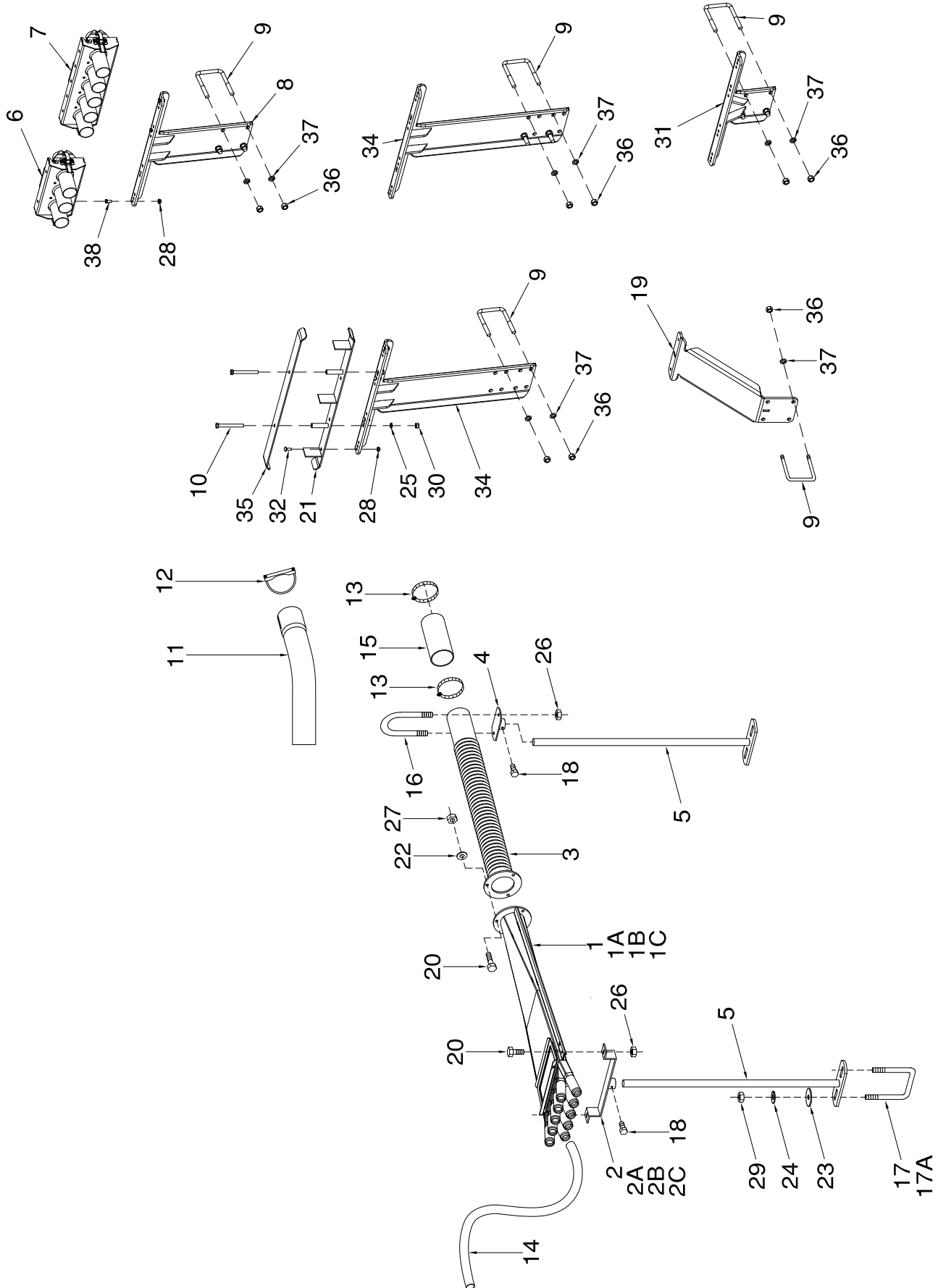
Head Size	Number of Secondary Outlets																																																			
	3 Primaries							4 Primaries							5 Primaries									6 Primaries																												
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52																				
7 Outlet	3	2	1	*	*	*	*	4	3	2	1	*	*	*	5	4	3	2	1	*	*	*	*	*	*	2	1	*	*	*	*	*	*																			
8 Outlet	*	1	2	3	2	1	*	*	1	2	3	4	3	2	*	1	2	3	4	5	4	3	2	1	*	4	5	6	5	4	3	2																				
9 Outlet	*	*	*	*	*	1	2	3	*	*	*	*	*	1	2	*	*	*	*	*	*	1	2	3	4	5	*	*	*	1	2	3	4																			
10 Outlet	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																		

Head Size	Number of Secondary Outlets																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Distribution - Divider Head - 1 Outlets

Item	Part No.	Description	Qty
SEVEN OUTLET DIVIDER HEAD			
1	N31177	Divider Head - 7 Outlet	1
2	N31160	Access Door - 7 Outlet.....	1
3	N31165	Clip.....	2
4	N31171	Gasket - 7 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N31187	7 Outlet Divider Head Assembly (Includes All Above Items)	
EIGHT OUTLET DIVIDER HEAD			
1	N31178	Divider Head - 8 Outlet	1
2	N31161	Access Door - 8 Outlet.....	1
3	N31165	Clip.....	2
4	N31172	Gasket - 8 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N31188	8 Outlet Divider Head Assembly (Includes All Above Items)	
NINE OUTLET DIVIDER HEAD			
1	N31179	Divider Head - 9 Outlet	1
2	N31162	Access Door - 9 Outlet.....	1
3	N31165	Clip.....	2
4	N31173	Gasket - 9 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N31189	9 Outlet Divider Head Assembly (Includes All Above Items)	
TEN OUTLET DIVIDER HEAD			
1	N31180	Divider Head - 10 Outlet.....	1
2	N31163	Access Door - 10 Outlet.....	1
3	N31165	Clip.....	2
4	N31174	Gasket - 10 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N31190	10 Outlet Divider Head Assembly (Includes All Above Items)	
CORRUGATED DIFFUSER PIPE			
8	N15135	Pipe - Corr Diff - Divider Head	1
9	W-469	Hex Bolt - 1/4 x 3/4.....	3
10	W-521	Lock Washer - 1/4	3
11	W-512	Hex Nut - 1/4	3

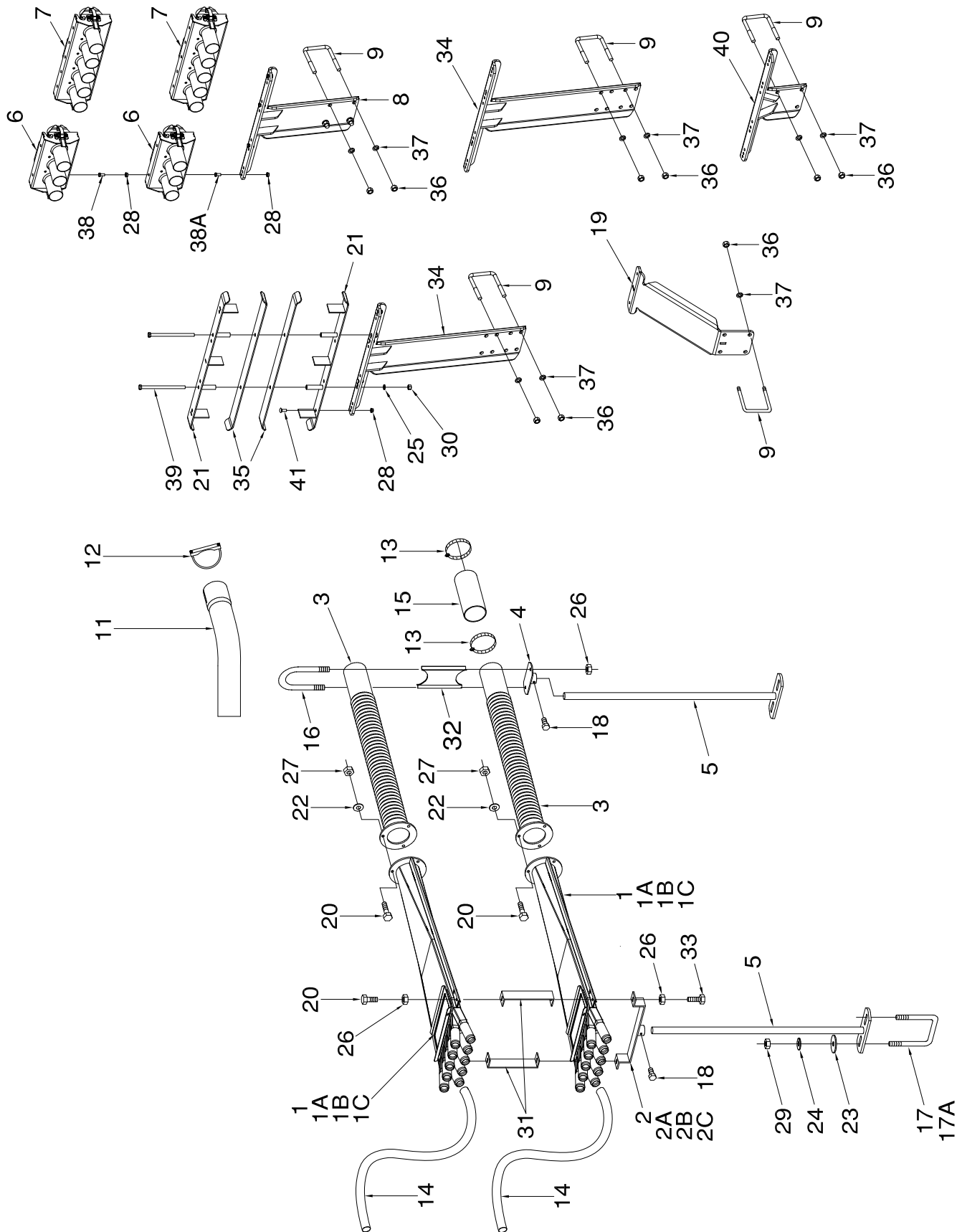
Distribution Single Shoot - 1 Outlets



Distribution - Single Shoot - 1 Outlets

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N31190	Divider Assembly - 10 Outlet	As req	As req	As req	As req	As req	As req
1A	N31189	Divider Assembly - 9 Outlet	As req	As req	As req	As req	As req	As req
1B	N31188	Divider Assembly - 8 Outlet	As req	As req	As req	As req	As req	As req
1C	N31187	Divider Assembly - 7 Outlet	As req	As req	As req	As req	As req	As req
2	N19406	Support - 10 Outlet	As req	As req	As req	As req	As req	As req
2A	N15595	Support - 9 Outlet	As req	As req	As req	As req	As req	As req
2B	N15107	Support - 8 Outlet	As req	As req	As req	As req	As req	As req
2C	N15594	Support - 7 Outlet	As req	As req	As req	As req	As req	As req
3	N15135	Pipe - Corr Diff - Divider Head	3	4	5	6	7	8
4	N15102	Support - Rear	3	4	5	6	7	8
5	N19531	Support - Bottom - Rod 24	6	8	10	12	14	16
6	*****	Quick Coupler 3 Run (Refer Pg 4-21)	1	0	0	2	0	0
7	*****	Quick Coupler 5 Run (Refer Pg 4-22)	0	1	1	0	2	2
8	N51962	Coupler Tower - Short	1	1	2	2	2	2
9	C-219	U-Bolt - 5/8 x 4 x 5 9/16 Lg	4	4	4	4	4	4
10	C-3684	Hex Bolt - 1/2 x 4 1/2 Lg	2	2	2	2	2	2
11	N27329	Tube - Primary - 45 degree Elbow	0	2	2	4	4	4
12	N15022	Clamp - Muffler - 2 1/2 Dia	0	2	2	4	4	4
13	N11905	Hose Clamp - 2 1/2	6	8	10	12	14	16
14	R480034	Hose - 0.929 ID x 1.169 OD/ft (75 ft roll)	225 ft	300 ft	375 ft	450 ft	525 ft	600 ft
15	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls)	25 ft	50 ft	50 ft	75 ft	75 ft	100 ft
16	N15096	U-Bolt - 1/4 x 2 9/16 x 3 1/4 LG	3	4	5	6	7	8
17	N15098	U-Bolt - 3/8 x 4 x 5	8	10	12	14	16	18
17A	N15097	U-Bolt - 3/8 x 2 x 5	6	8	10	12	14	16
18	N24396	Setscrew - 1/4 x 1/2	6	8	10	12	14	16
19	N56737	Coupler Tower - Behind (Maxim II and Concept)	1	1	1	2	2	2
20	W-469	Hex Bolt - 1/4 x 3/4 Lg	15	20	25	30	35	40
21	N51979	Hose Clamp Strap	1	1	1	1	1	1
22	W-521	Lockwasher - 1/4	9	12	15	18	21	24
23	D-5579	Flatwasher - 3/8	12	16	20	24	28	32
24	W-523	Lockwasher - 3/8	12	16	20	24	28	32
25	W-525	Lockwasher - 1/2	2	2	2	2	2	2
26	D-5277	Serrated Locknut - 1/4	12	16	20	24	28	32
27	W-512	Hex Nut - 1/4	9	12	15	18	21	24
28	D-5279	Serrated Locknut - 3/8	4	4	4	6	6	6
29	W-514	Hex Nut - 3/8	12	16	20	24	28	32
30	W-516	Hex Nut - 1/2	2	2	2	2	2	2
31	N53203	Coupler Tower - Behind	1	1	1	1	1	1
32	P7C616	Carriage Bolt - 3/8 x 1	2	2	2	2	2	2
33	N37920	Equalizer - used on Contour 61-86ft - Not Shown						
34	N51967	Coupler Tower - Tall	2	2	2	2	2	2
35	N51977	Clamp Plate	1	1	1	1	1	1
36	W-517	Hex Nut - 5/8	8	8	8	8	8	8
37	W-526	Lockwasher - 5/8	8	8	8	8	8	8
38	W-475	Hex Bolt - 3/8 x 1 Lg	2	2	2	4	4	4

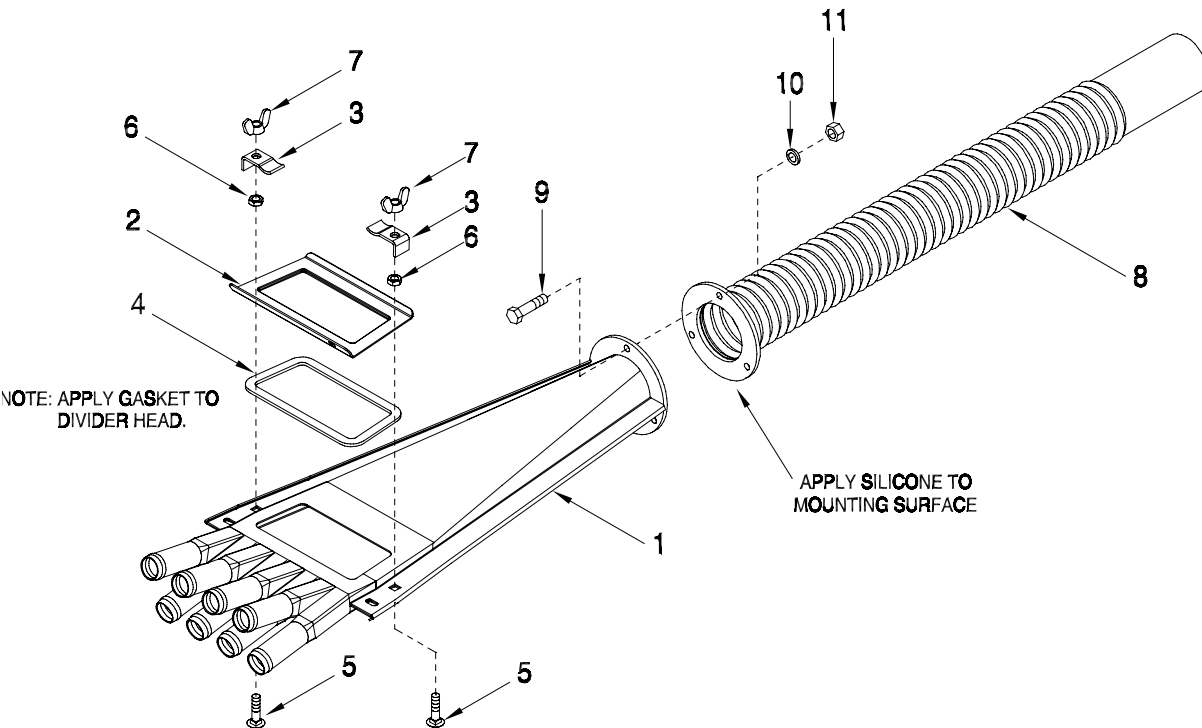
Distribution Double Shoot - 1 Outlets



Distribution - Double Shoot - 1 Outlets

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N31190	Divider Assembly - 10 Outlet	As req	As req	As req	As req	As req	As req
1A	N31189	Divider Assembly - 9 Outlet	As req	As req	As req	As req	As req	As req
1B	N31188	Divider Assembly - 8 Outlet	As req	As req	As req	As req	As req	As req
1C	N31187	Divider Assembly - 7 Outlet	As req	As req	As req	As req	As req	As req
2	N19406	Support - 10 Outlet	As req	As req	As req	As req	As req	As req
2A	N15595	Support - 9 Outlet	As req	As req	As req	As req	As req	As req
2B	N15107	Support - 8 Outlet	As req	As req	As req	As req	As req	As req
2C	N15594	Support - 7 Outlet	As req	As req	As req	As req	As req	As req
3	N15135	Pipe - Corr Diff - Divider Head	6	8	10	12	14	16
4	N15102	Support - Rear	3	4	5	6	7	8
5	N19531	Support - Bottom - Rod 24	6	8	10	12	14	16
6	*****	Quick Coupler 3 Run (Refer Pg 4-21)	2	0	0	4	0	0
7	*****	Quick Coupler 5 Run (Refer Pg 4-22)	0	2	2	0	4	4
8	N51962	Coupler Tower - Short	1	1	2	2	2	2
9	C-219	U-Bolt - 5/8 x 4 x 5 9/16	4	4	4	4	4	4
11	N27329	Tube - Primary - 45 degree Elbow	0	4	4	8	8	8
12	N15022	Clamp - Muffler - 2 1/2 Dia	0	4	4	8	8	8
13	N11905	Hose Clamp - 2 1/2	12	16	20	24	28	32
14	R480034	Hose - 0.929 ID x 1.169 OD/ft (75 ft roll)	450 ft	600 ft	750 ft	900 ft	1050 ft	1200ft
15	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls)	50 ft	75 ft	100 ft	125 ft	150 ft	175 ft
16	N16504	U-Bolt - 1/4 x 2 9/16 x 9 1/2 Lg	3	4	5	6	7	8
17	N15098	U-Bolt - 3/8 x 4 x 5	8	10	12	14	16	18
17A	N15097	U-Bolt - 3/8 x 2 x 5	6	8	10	12	14	16
18	N24396	Setscrew - 1/4 x 1/2	6	8	10	12	14	16
19	N56737	Coupler Tower - Behind (Maxim II and Concept)	1	1	1	2	2	2
20	W-469	Hex Bolt - 1/4 x 3/4 Lg	24	32	40	48	56	64
21	N51979	Hose Clamp Strap	2	2	2	2	2	2
22	W-521	Lockwasher - 1/4	18	24	30	36	42	48
23	D-5579	Flatwasher - 3/8	12	16	20	24	28	32
24	W-523	Lockwasher - 3/8	12	16	20	24	28	32
25	W-525	Lockwasher - 1/2	2	2	2	2	2	2
26	D-5277	Serrated Locknut - 1/4	12	16	20	24	28	32
27	W-512	Hex Nut - 1/4	18	24	30	36	42	48
28	D-5279	Serrated Locknut - 3/8	6	6	6	10	10	10
29	W-514	Hex Nut - 3/8	12	16	20	24	28	32
30	W-516	Hex Nut - 1/2	2	2	2	2	2	2
31	N16689	Bracket Front - Dual Shoot Heads	6	8	10	12	14	16
32	N16507	Spacer - Rear - Dual Shoot Heads	3	4	5	6	7	8
33	W-1552	Hex Bolt - 1/4 X 1 Lg	6	8	10	12	14	16
34	N51967	Coupler Tower - Tall	2	2	2	2	2	2
35	N51977	Clamp Plate	1	1	1	1	1	1
36	W-517	Hex Nut - 5/8	8	8	8	8	8	8
37	W-526	Lockwasher - 5/8	8	8	8	8	8	8
38	W-867	Hex Bolt - 3/8 x 3/4 Lg	2	2	2	4	4	4
38A	W-475	Hex Bolt - 3/8 x 1 Lg	2	2	2	4	4	4
39	W-3687	Hex Bolt - 1/2 8 x Lg -DOUBLE SHOOT	2	2	2	2	2	2
40	N53203	Coupler Tower - Behind	1	1	1	1	1	1
41	P7C616	Carriage Bolt - 3/8 x 1	8	8	8	8	8	8
	N37920	Equalizer - used on Contour 61-86ft - Not Shown						

Distribution Divider Head - 1 1/8 Outlets

[illegible]

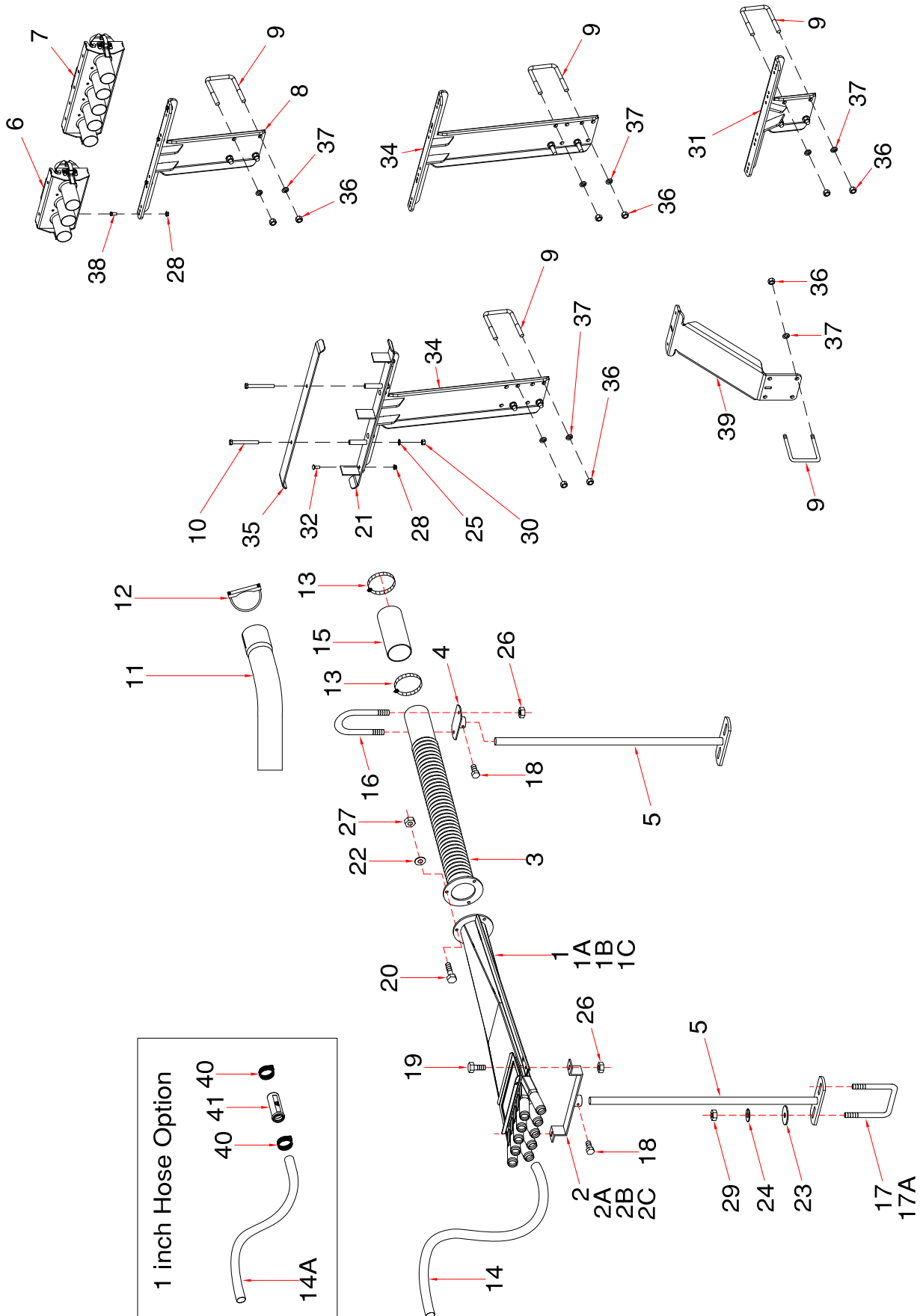
Head Size	Number of Secondary Outlets																																					
	8 Primaries							9 Primaries																														
	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99		
7 Outlet	*	*	*	*	*	*	*	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8 Outlet	8	7	6	5	4	3	2	8	9	8	7	6	5	4	3	2	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9 Outlet	*	1	2	3	4	5	6	*	*	1	2	3	4	5	6	7	8	9	8	7	6	5	4	3	2	1	*	*	*	*	*	*	*	*	*	*	*	
10 Outlet	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	2	3	4	5	6	7	8	9	8	7	6	5	4	3	2	1	*	*	
11 Outlet	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	2	3	4	5	6	7	8	9	*

[illegible][illegible]

Distribution - Divider Head - 1 1/8 Outlets

SIX OUTLET DIVIDER HEAD			
1	N36967	Divider Head - 6 Outlet	1
2	N31160	Access Door - 7 Outlet.....	1
3	N31165	Clip.....	2
4	N31171	Gasket - 7 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N42253	6 Outlet Divider Head Assembly (Includes All Above Items)	
SEVEN OUTLET DIVIDER HEAD			
1	N36966	Divider Head - 7 Outlet	1
2	N31161	Access Door - 8 Outlet.....	1
3	N31165	Clip.....	2
4	N31172	Gasket - 8 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N42254	7 Outlet Divider Head Assembly (Includes All Above Items)	
EIGHT OUTLET DIVIDER HEAD			
1	N36965	Divider Head - 8 Outlet	1
2	N31162	Access Door - 9 Outlet.....	1
3	N31165	Clip.....	2
4	N31173	Gasket - 9 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N42255	8 Outlet Divider Head Assembly (Includes All Above Items)	
NINE OUTLET DIVIDER HEAD			
1	N36964	Divider Head - 9 Outlet	1
2	N31163	Access Door - 10 Outlet.....	1
3	N31165	Clip.....	2
4	N31174	Gasket - 10 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N42256	9 Outlet Divider Head Assembly (Includes All Above Items)	
TEN OUTLET DIVIDER HEAD			
1	N42067	Divider Head - 10 Outlet.....	1
2	N31163	Access Door - 10 Outlet.....	1
3	N40545	Clip - Access Door	2
4	N31174	Gasket - 10 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N42257	10 Outlet Divider Head Assembly (Includes All Above Items)	
ELEVEN OUTLET DIVIDER HEAD			
1	N42225	Divider Head - 11 Outlet.....	1
2	N31163	Access Door - 10 Outlet.....	1
3	N48928	Clip - Access Door	2
4	N31174	Gasket - 10 Outlet.....	1
5	N31012	Carriage Bolt - 5/16 x 1 1/4	2
6	N31014	Hex Jam Nut - 5/16	2
7	N31016	Wing Nut - 5/16	2
	N48927	11 Outlet Divider Head Assembly (Includes All Above Items)	
CORRUGATED DIFFUSER PIPE			
8	N15135	Pipe - Corr Diff - Divider Head	1
9	W-469	Hex Bolt - 1/4 x 3/4.....	3
10	W-521	Lock Washer - 1/4	3
11	W-512	Hex Nut - 1/4	3

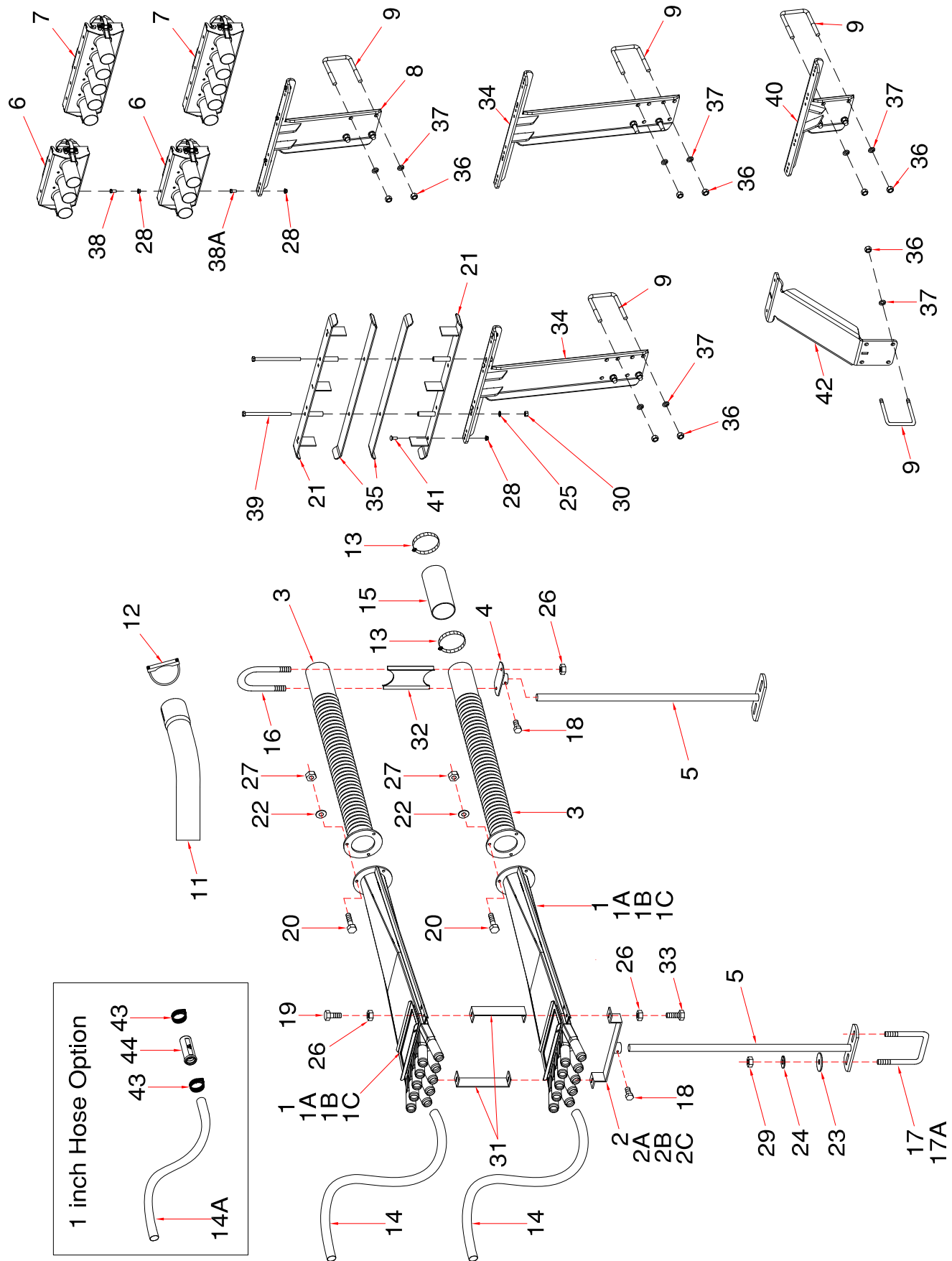
Distribution Single Shoot - 1 1/8" Outlet



Distribution - Single Shoot - 1 1/8 Outlet

Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N31190	Divider Assembly - 10 Outlet	As req	As req	As req	As req	As req	As req
1A	N31189	Divider Assembly - 9 Outlet	As req	As req	As req	As req	As req	As req
1B	N31188	Divider Assembly - 8 Outlet	As req	As req	As req	As req	As req	As req
1C	N31187	Divider Assembly - 7 Outlet	As req	As req	As req	As req	As req	As req
2	N19406	Support - 10 Outlet	As req	As req	As req	As req	As req	As req
2A	N15595	Support - 9 Outlet	As req	As req	As req	As req	As req	As req
2B	N15107	Support - 8 Outlet	As req	As req	As req	As req	As req	As req
2C	N15594	Support - 7 Outlet	As req	As req	As req	As req	As req	As req
3	N15135	Pipe - Corr Diff - Divider Head	3	4	5	6	7	8
4	N15102	Support - Rear	3	4	5	6	7	8
5	N19531	Support - Bottom - Rod 24	6	8	10	12	14	16
6	*****	Quick Coupler 3 Run (Refer Pg 4-21)	1	0	0	2	0	0
7	*****	Quick Coupler 5 Run (Refer Pg 4-22)	0	1	1	0	2	2
8	N51962	Coupler Tower - Short	1	1	2	2	2	2
9	C-219	U-Bolt - 5/8 x 4 x 5 9/16 Lg	4	4	4	4	4	4
10	C-3684	Hex Bolt - 1/2 x 4 1/2 Lg	2	2	2	2	2	2
11	N27329	Tube - Primary - 45 degree Elbow	0	2	2	4	4	4
12	N15022	Clamp - Muffler - 2 1/2 Dia	0	2	2	4	4	4
13	N11905	Hose Clamp - 2 1/2	6	8	10	12	14	16
14	R480034	Hose - 0.929 ID x 1.169 OD/ft (75 ft roll)	225 ft	300 ft	375 ft	450 ft	525 ft	600 ft
14A	R480034	Hose - 0.929 ID x 1.169 OD/ft (75 ft roll)						
15	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls)	25 ft	50 ft	50 ft	75 ft	75 ft	100 ft
16	N15096	U-Bolt - 1/4 x 2 9/16 x 3 1/4 LG	3	4	5	6	7	8
17	N15098	U-Bolt - 3/8 x 4 x 5	8	10	12	14	16	18
17A	N15097	U-Bolt - 3/8 x 2 x 5	6	8	10	12	14	16
18	N24396	Setscrew - 1/4 x 1/2	6	8	10	12	14	16
19	W-469	Hex Bolt - 1/4 x 3/4 Lg	6	8	10	12	14	16
20	W-469	Hex Bolt - 1/4 x 3/4 Lg	9	12	15	18	21	24
21	N51979	Hose Clamp Strap	1	1	1	1	1	1
22	W-521	Lockwasher - 1/4	9	12	15	18	21	24
23	D-5579	Flatwasher - 3/8	12	16	20	24	28	32
24	W-523	Lockwasher - 3/8	12	16	20	24	28	32
25	W-525	Lockwasher - 1/2	2	2	2	2	2	2
26	D-5277	Serrated Locknut - 1/4	12	16	20	24	28	32
27	W-512	Hex Nut - 1/4	9	12	15	18	21	24
28	D-5279	Serrated Locknut - 3/8	4	4	4	6	6	6
29	W-514	Hex Nut - 3/8	12	16	20	24	28	32
30	W-516	Hex Nut - 1/2	4	4	4	4	4	4
31	N53203	Coupler Tower - Behind	1	1	1	1	1	1
32	P7C616	Carriage Bolt - 3/8 x 1	2	2	2	2	2	2
33	N45690	Granular Deflector - 1 1/8 Outlet (Not Shown)						
34	N51967	Coupler Tower - Tall	2	2	2	2	2	2
35	N51977	Clamp Plate	1	1	1	1	1	1
36	W-517	Hex Nut - 5/8	8	8	8	8	8	8
37	W-526	Lockwasher - 5/8	8	8	8	8	8	8
38	W-475	Hex Bolt - 3/8 x 1 Lg	2	2	2	4	4	4
39	N56737	Coupler Tower - Behind (Maxim II and Concept)	1	1	1	2	2	2
40	N11470	Hose Clamp - 1 - HC5-20	As req	As req	As req	As req	As req	As req
41	N62351	Secondary Hose Adaptor (Used with item 14A)	As req	As req	As req	As req	As req	As req

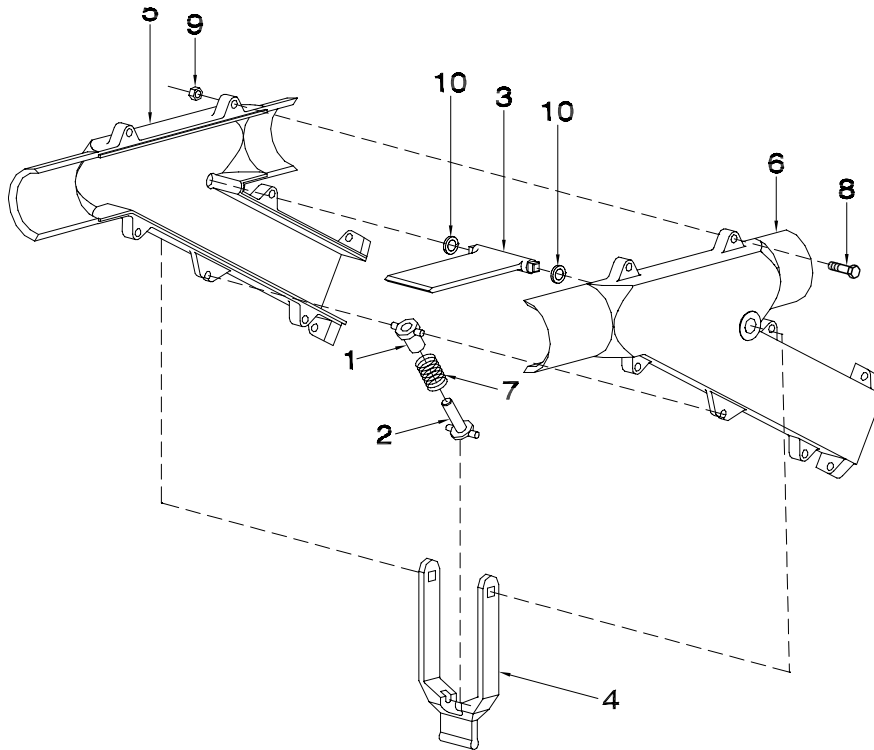
Distribution Double Shoot - 1 1/8 Outlet



Distribution - Double Shoot - 1 1/8 Outlet

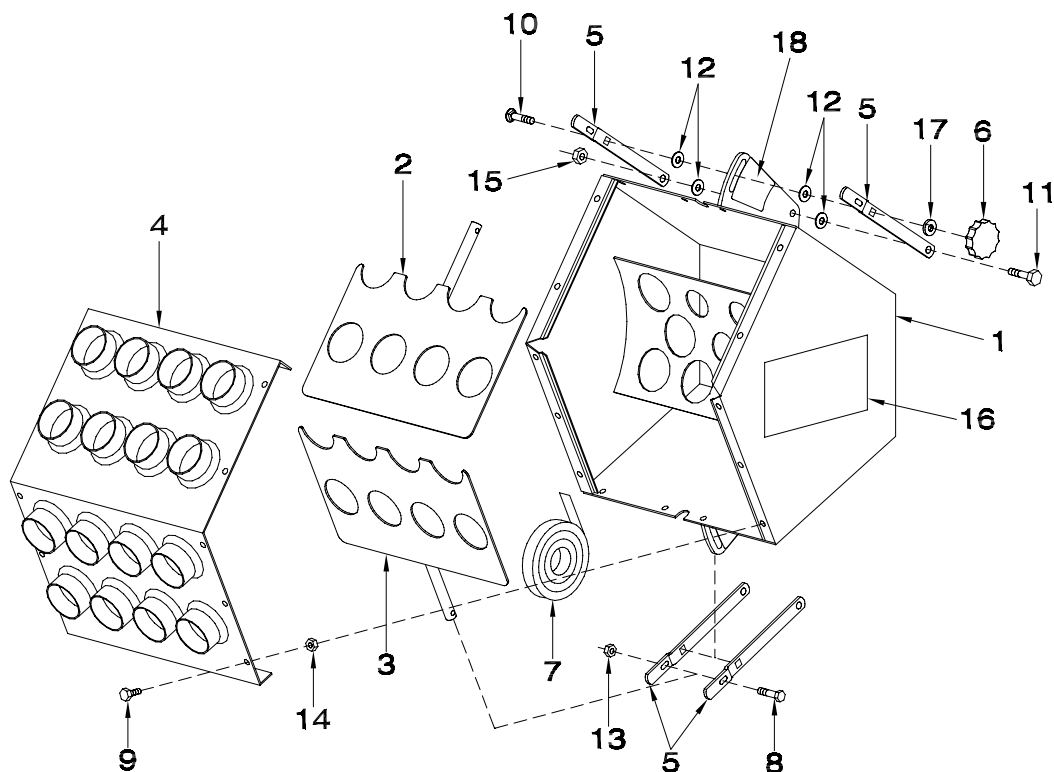
Item	Part No.	Description	No. Used					
			Number of Primaries					
			3	4	5	6	7	8
1	N31190	Divider Assembly - 10 Outlet	As req	As req	As req	As req	As req	As req
1A	N31189	Divider Assembly - 9 Outlet	As req	As req	As req	As req	As req	As req
1B	N31188	Divider Assembly - 8 Outlet	As req	As req	As req	As req	As req	As req
1C	N31187	Divider Assembly - 7 Outlet	As req	As req	As req	As req	As req	As req
2	N19406	Support - 10 Outlet	As req	As req	As req	As req	As req	As req
2A	N15595	Support - 9 Outlet	As req	As req	As req	As req	As req	As req
2B	N15107	Support - 8 Outlet	As req	As req	As req	As req	As req	As req
2C	N15594	Support - 7 Outlet	As req	As req	As req	As req	As req	As req
3	N15135	Pipe - Corr Diff - Divider Head	6	8	10	12	14	16
4	N15102	Support - Rear	3	4	5	6	7	8
5	N19531	Support - Bottom - Rod 24	6	8	10	12	14	16
6	*****	Quick Coupler 3 Run (Refer Pg 4-21)	2	0	0	4	0	0
7	*****	Quick Coupler 5 Run (Refer Pg 4-22)	0	2	2	0	4	4
8	N51962	Coupler Tower - Short	1	1	2	2	2	2
9	C-219	U-Bolt - 5/8 x 4 x 5 9/16	4	4	4	4	4	4
11	N27329	Tube - Primary - 45 degree Elbow	0	4	4	8	8	8
12	N15022	Clamp - Muffler - 2 1/2 Dia	0	4	4	8	8	8
13	N11905	Hose Clamp - 2 1/2	12	16	20	24	28	32
14	R480034	Hose - 0.929 ID x 1.169 OD/ft (75 ft roll)	450 ft	600 ft	750 ft	900 ft	1050 ft	1200ft
14A	R480034	Hose - 0.929 ID x 1.169 OD/ft (75 ft roll)						
15	R480055	Hose - 2 1/2 ID/ft Goodyear (100 ft rolls)	50 ft	75 ft	100 ft	125 ft	150 ft	175 ft
16	N16504	U-Bolt - 1/4 x 2 9/16 x 9 1/2 Lg	3	4	5	6	7	8
17	N15098	U-Bolt - 3/8 x 4 x 5	8	10	12	14	16	18
17A	N15097	U-Bolt - 3/8 x 2 x 5	6	8	10	12	14	16
18	N24396	Setscrew - 1/4 x 1/2	6	8	10	12	14	16
19	W-469	Hex Bolt - 1/4 x 3/4 Lg	6	8	10	12	14	16
20	W-469	Hex Bolt - 1/4 x 3/4 Lg	18	24	30	36	42	48
21	N51979	Hose Clamp Strap	2	2	2	2	2	2
22	W-521	Lockwasher - 1/4	18	24	30	36	42	48
23	D-5579	Flatwasher - 3/8	12	16	20	24	28	32
24	W-523	Lockwasher - 3/8	12	16	20	24	28	32
25	W-525	Lockwasher - 1/2	2	2	2	2	2	2
26	D-5277	Serrated Locknut - 1/4	12	16	20	24	28	32
27	W-512	Hex Nut - 1/4	18	24	30	36	42	48
28	D-5279	Serrated Locknut - 3/8	6	6	6	10	10	10
29	W-514	Hex Nut - 3/8	12	16	20	24	28	32
30	W-516	Hex Nut - 1/2	2	2	2	2	2	2
31	N16689	Bracket Front - Dual Shoot Heads	6	8	10	12	14	16
32	N16507	Spacer - Rear - Dual Shoot Heads	3	4	5	6	7	8
33	W-1552	Hex Bolt - 1/4 x 1 Lg	6	8	10	12	14	16
34	N51967	Coupler Tower - Tall	2	2	2	2	2	2
35	N51977	Clamp Plate	1	1	1	1	1	1
36	W-517	Hex Nut - 5/8	8	8	8	8	8	8
37	W-526	Lockwasher - 5/8	8	8	8	8	8	8
38	W-867	Hex Bolt - 3/8 x 3/4 Lg	2	2	2	2	2	2
38A	W-475	Hex Bolt - 3/8 x 1 Lg	2	2	2	2	2	2
39	W-3687	Hex Bolt - 1/2 8 x Lg -DOUBLE SHOOT	2	2	2	2	2	2
40	N53203	Coupler Tower - Behind	1	1	1	1	1	1
41	P7C616	Carriage Bolt - 3/8 x 1	8	8	8	8	8	8
42	N56737	Coupler Tower - Behind (Maxim II and Concept)	1	1	1	2	2	2
43	N11470	Hose Clamp - 1 - HC5-20	As req	As req	As req	As req	As req	As req
44	N62351	Secondary Hose Adaptor (Used with item 14A)	As req	As req	As req	As req	As req	As req
	N37920	Equalizer - used on Contour 61-86ft - Not Shown						

Distribution Double Shoot Diverter Valve



Item	Part No.	Description	Qty
1	N29080	Spring Pin - Female	1
2	N28805	Spring Pin - Male	1
3	N28806	Flapper.....	1
4	N28807	Handle.....	1
5	N28808	Valve Body - Right.....	1
6	N28809	Valve Body - Left	1
7	N11847	Spring - 0.72 OD x 1 3/4 Lg	1
8	W-470	Hex Bolt - 1/4 x 1 1/4 Lg.....	5
9	N22778	Locknut - 1/4 Nylon Insert.....	5
10	N29472	O-Ring - 9/16 OD X 7/16 ID	2
	N30068	Diverter Valve Assembly - Dual Shoot (Includes All Above Items)	

Distribution Double Shoot Plenum



Item	Part No.	Description	Qty
1	N28820	Plenum Body - Dual Shoot.....	1
2	N28822	Shutoff Slide - Top	1
3	N28823	Shutoff Slide - Bottom	1
4	N28817	Plenum Face Plate - Dual Shoot.....	1
5	N27843	Adjustment Strap - Plenum	4
6	D-5204	Knob - 3/8 UNC (Black)	2
7	D-5590	Seal Strip - 1/16 x 3/4 (Bulk/Ft)	7 Ft
8	C-1471	Hex Bolt - 1/4 x 1 3/4 Lg.....	2
9	D-5247	Hex Bolt - 5/16 x 1/2 Lg.....	18
10	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg	2
11	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	2
12	D-5579	Washer - 0.406 ID x 1 OD x 16 Ga	8
13	N15757	Locknut - 1/4	2
14	D-5278	Locknut - 5/16	18
15	M-3388	Locknut - 3/8 Unitorque.....	2
16	N28812	Decal - "Plenum Settings"	1
17	W-523	Lockwasher - 3/8.....	2
18	N28819	Decal - "Plenum Damper"	2
	N28824	Plenum Assembly - Dual Shoot (Includes All Above Items)	

Stainless Head Conversion Kits

Morris has introduced Kits to convert older Morris Seeding Units to the new stainless steel divider heads which were introduced on the QUANTUM Air Drill. Below is a chart of the kits available and the components in each kit.

To view pricing and to place an order, please see BPI (Online Ordering System). Kits are made as ordered.

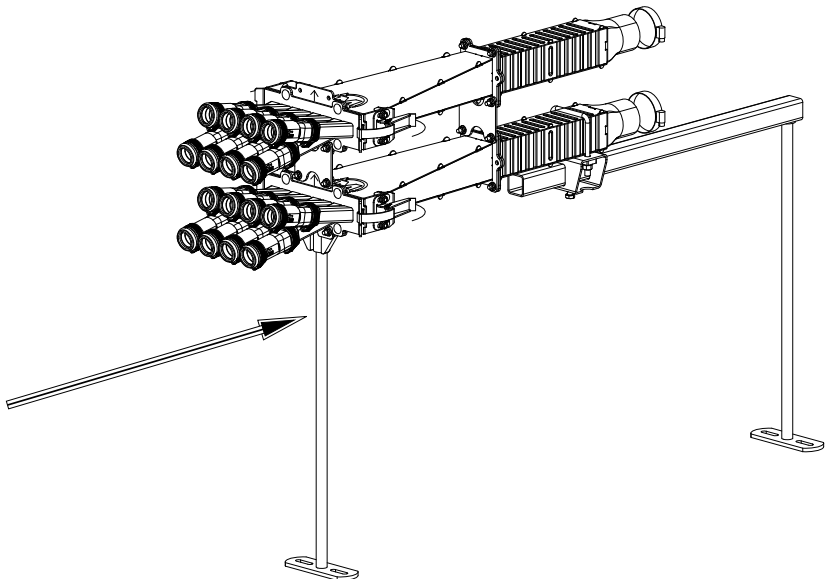
See following pages for parts breakdown.

Stainless Steel Divider Head Conversion Kits									
Part No.	Description	Kit Numbers							
		N69271 7OUT-SS	N69272 7OUT-DS	N69273 8OUT-SS	N69274 8OUT-DS	N69275 9OUT-SS	N69276 9OUT-DS	N69277 10OUT-SS	N69278 10OUT-DS
N66507	Stainless Divider Head Assy - 7	1	2	--	--	--	--	--	--
N66508	Stainless Divider Head Assy - 8	--	--	1	2	--	--	--	--
N66509	Stainless Divider Head Assy - 9	--	--	--	--	1	2	--	--
N66510	Stainless Divider Head Assy - 10	--	--	--	--			1	2
N66662	Diffuser - Straight	1	2	1	2	1	2	1	2
N65131	Hose Finger Adapter	7	14	8	16	9	18	10	20
N66140	Dual Head Mounting Plate - LOW	--	2	--	2	--	2	--	2
N69290	Head Conversion Bracket	1	1	1	1	1	1	1	1
N69296	Adapter Insert Tube	1	1	1	1	1	1	1	1
N69295	Extension Tube	1	1	1	1	1	1	1	1
N36148	U-Bolt - 3/8 X 3 X 4	1	1	1	1	1	1	1	1
W-475	Bolt - 3/8 X 1	1	1	1	1	1	1	1	1
W-523	Lock Washer - 3/8	2	2	2	2	2	2	2	2
W-514	Hex Nut - 3/8	2	2	2	2	2	2	2	2
W-469	Hex Bolt - 1/4 X 3/4	4	8	4	8	4	8	4	8
W-1552	Hex Bolt - 1/4 X 1	2	6	2	6	2	6	2	6
D-5277	Serrated Lock Nut - 1/4	6	14	6	14	6	14	6	14
K24396	Set Screw - 1/4	2	2	2	2	2	2	2	2
N11470	Hose Clamp - 1-1/4"	14	28	16	32	18	36	20	40
N11905	Hose Clamp - 2-1/2"	1	2	1	2	1	2	1	2

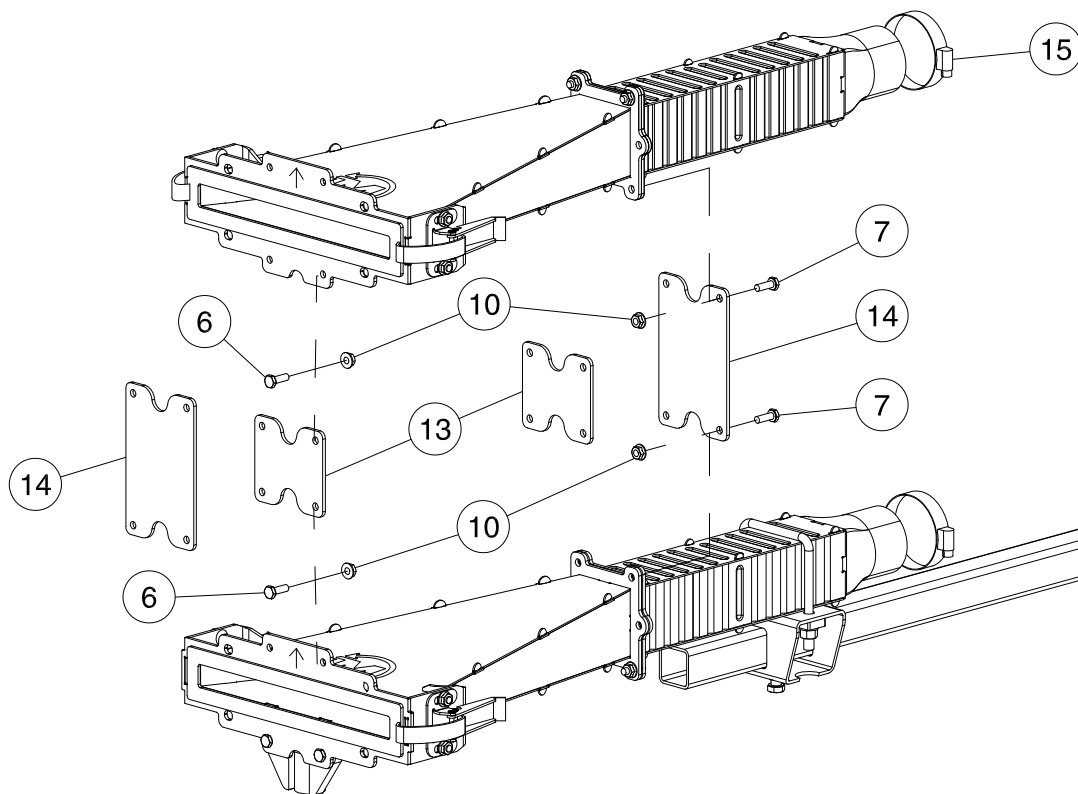
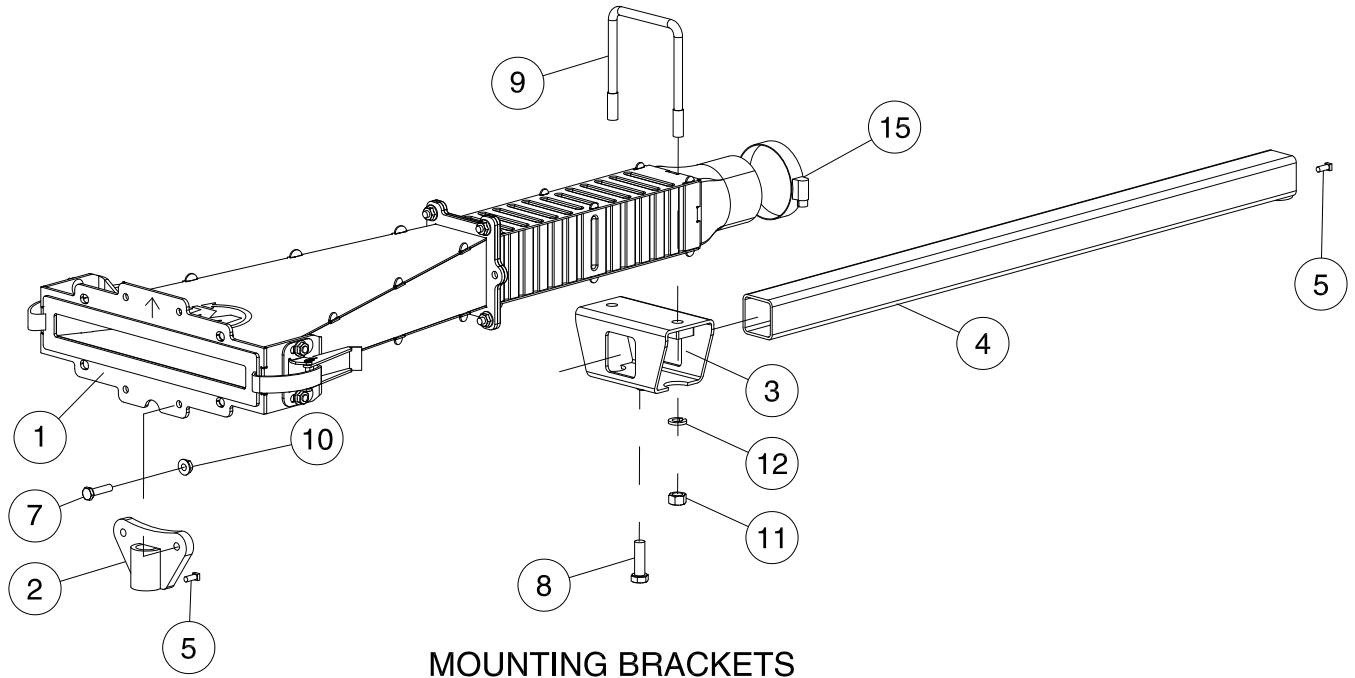
SS - Single Shoot

DS - Double Shoot

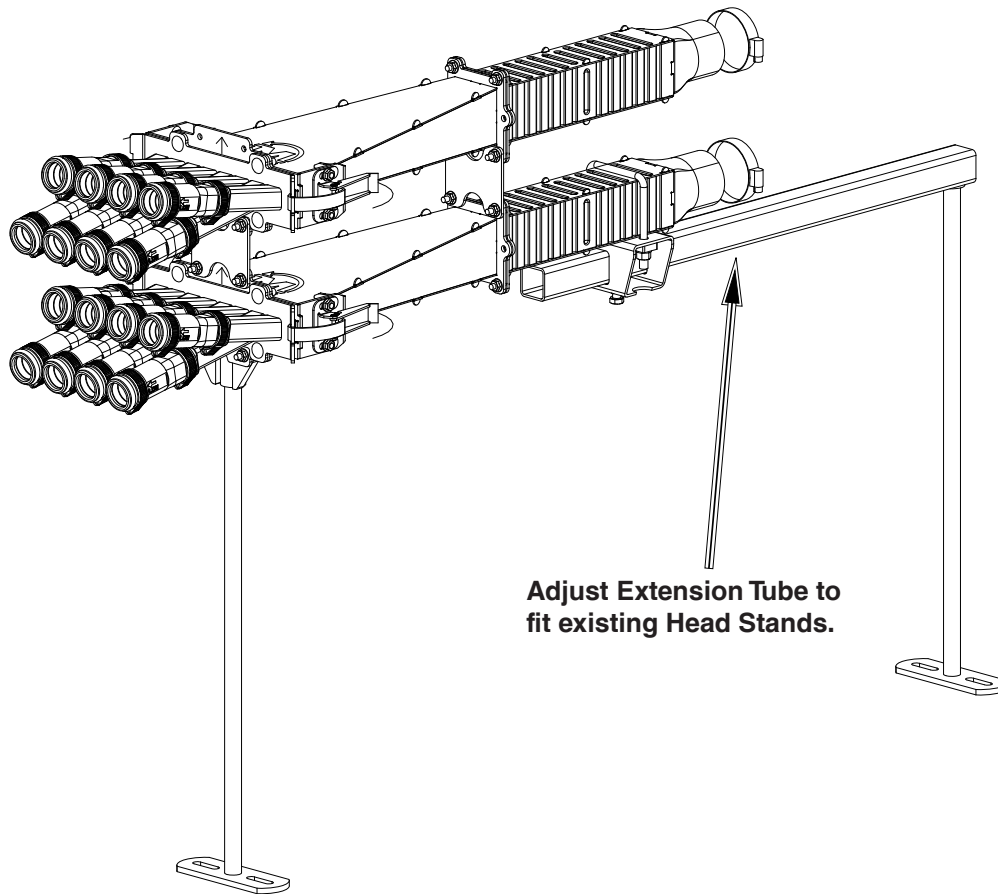
**Head Assemblies mount directly
to existing Head Stands.**



Stainless Head Conversion Divider Head Mounting Stands

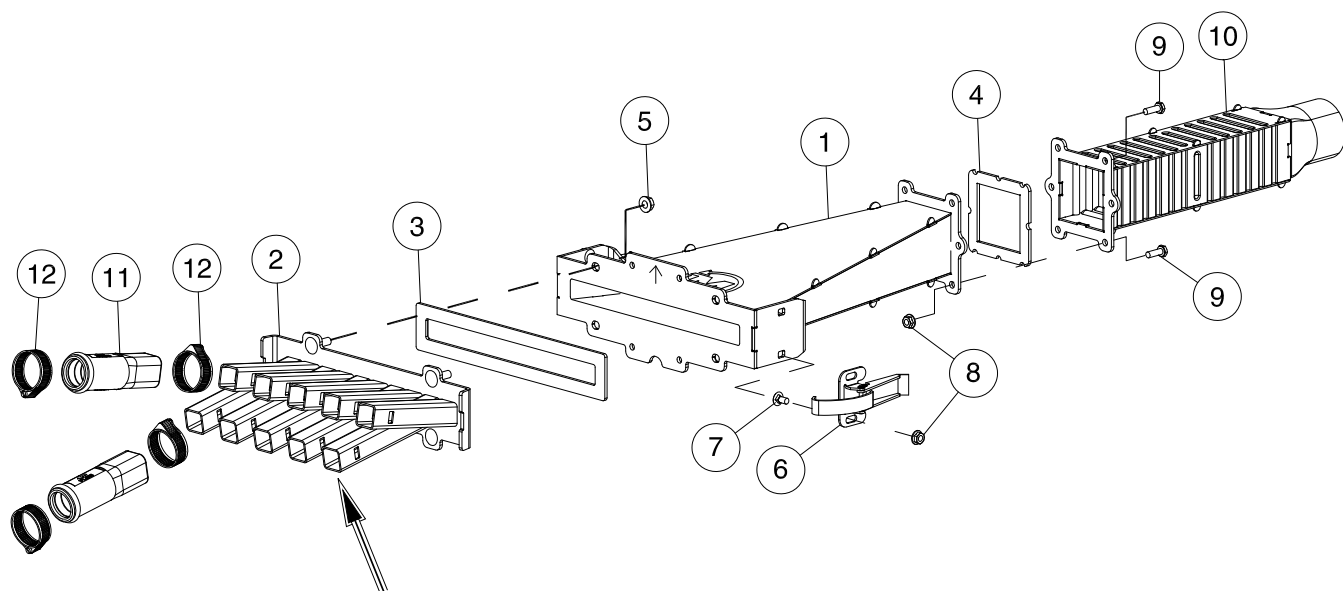


Stainless Head Conversion - Divider Head Mounting Stands



Item	Part No.	Description	Qty
1	*****	Divider Head and Diffuser Tube Assembly - See next page	1
2	N69290	Bracket Head Adapter Stand.....	1
3	N69296	Adapter Insert Tube	1
4	N69295	Extension Tube	1
5	N24396	Set Screw - 1/4 x 1/2 Lg.....	2
6	W-469	Hex Head - 1/4 x 3/4 Lg.....	4
7	W-1552	Hex Bolt - 1/4 x 1 Lg.....	2
8	W-475	Hex Bolt - 3/8 x 1 Lg	1
9	N36148	U-Bolt - 3/8 x 3 x 4 UL.....	2
10	D-5277	Lock Nut - 1/4 Serrated Flange	10
11	W-514	Hex Nut - 3/8.....	2
12	W-523	Lockwasher - 3/8.....	2
13	N66140	Dual Head Mounting Plate Low Profile.....	2
14	N66141	Dual Head Mounting Plate High Profile (Optional)	2
15	N11905	Hose Clamp - 2 1/2 - HC5-44	1

Stainless Head Conversion Divider Head Assembly



Note: Assemble with long fingers to bottom.

Item	Part No.	Description	Qty
SEVEN OUTLET DIVIDER HEAD			
1	N66557	7 Outlet Divider Head - Main Body	1
2	N66517	7 Outlet Flange	1
3	N66177	Seal - 7 Outlet.....	1
4	N66175	Diffuser Seal	1
5	D-5278	Flange Lock Nut - 5/16.....	4
3	N42213	Over-Center Catch	2
4	N53215	Carriage Bolt - 1/4 x 1/2 Lg	4
6	D-5277	Flange Lock Nut - 1/4 Serrated	4
	N66507	Divider Head Assembly - 7 Outlet (Includes All Above Items)	
11	N65131	Secondary Hose Finger Adapter.....	7
12	N11470	Hose Clamp - HC5-20 - 20mm Diameter.....	14
EIGHT OUTLET DIVIDER HEAD			
1	N66558	8 Outlet Divider Head - Main Body	1
2	N66518	8 Outlet Flange - 1 inch Square Fingers	1
3	N66178	Seal - 8 Outlet.....	1
4	N66175	Diffuser Seal	1
5	D-5278	Flange Lock Nut - 5/16.....	4
6	N42213	Over-Center Catch	2
7	N53215	Carriage Bolt - 1/4 x 1/2 Lg	4
8	D-5277	Flange Lock Nut - 1/4 Serrated	4
	N66508	Divider Head Assembly - 8 Outlet (Includes All Above Items)	
11	N65131	Secondary Hose Finger Adapter.....	8
12	N11470	Hose Clamp - HC5-20 - 20mm Diameter.....	16

Stainless Head Conversion - Divider Head Assembly

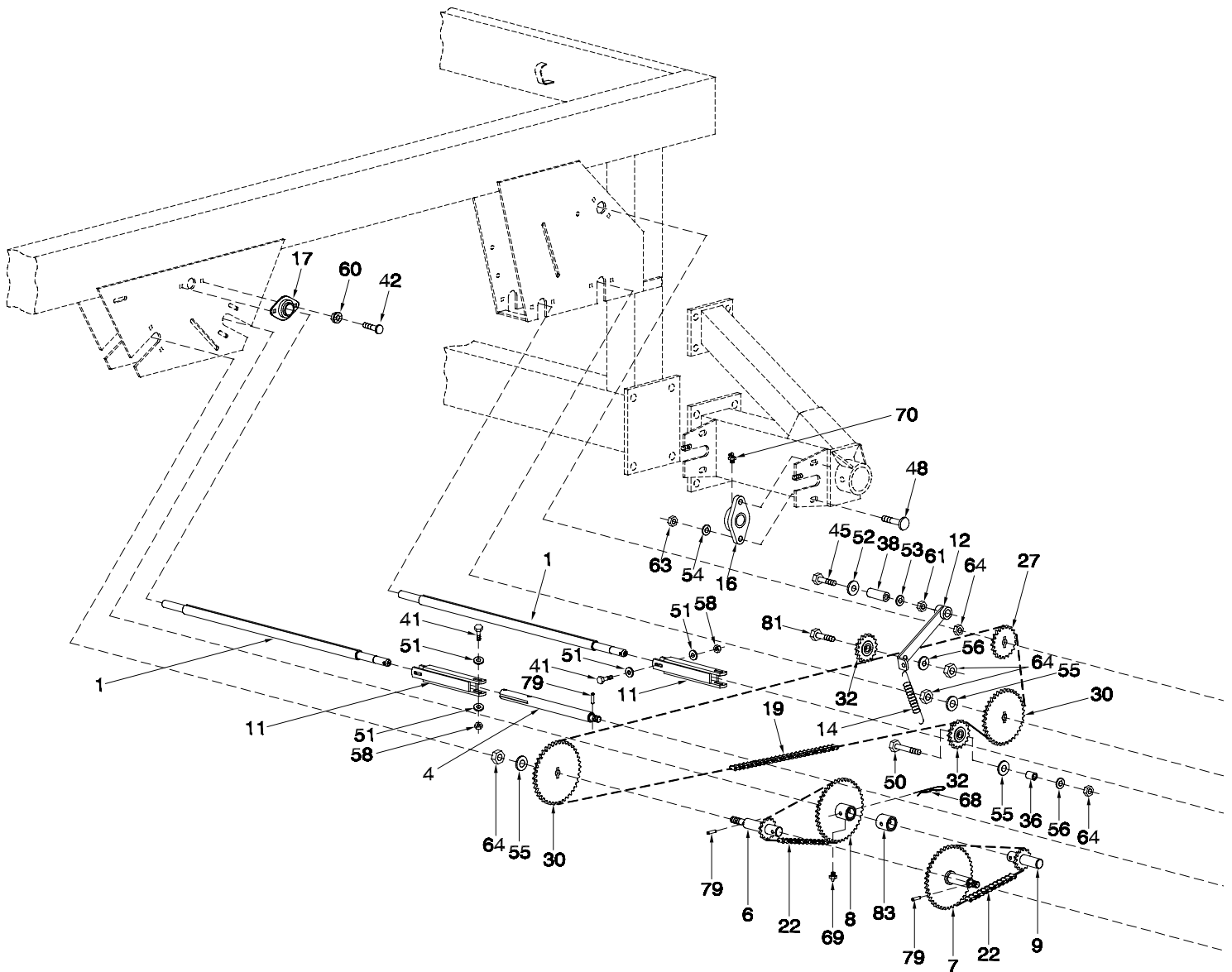
Item	Part No.	Description	Qty
NINE OUTLET DIVIDER HEAD			
1	N66559	9 Outlet Divider Head - Main Body	1
2	N66519	9 Outlet Flange - 1 inch Square Fingers	1
3	N66179	Seal - 9 Outlet	1
4	N66175	Diffuser Seal	1
5	D-5278	Flange Lock Nut - 5/16.....	4
6	N42213	Over-Center Catch	2
7	N53215	Carriage Bolt - 1/4 x 1/2 Lg	4
8	D-5277	Flange Lock Nut - 1/4 Serrated	4
	N66509	Divider Head Assembly - 9 Outlet (Includes All Above Items)	
11	N65131	Secondary Hose Finger Adapter	9
12	N11470	Hose Clamp - HC5-20 - 20mm Diameter	18
TEN OUTLET DIVIDER HEAD			
1	N66560	10 Outlet Divider Head - Main Body	1
2	N66520	10 Outlet Flange - 1 inch Square Fingers	1
3	N66180	Seal - 10 Outlet (Not Shown)	1
4	N66175	Diffuser Seal	1
5	D-5278	Flange Lock Nut - 5/16.....	4
6	N42213	Over-Center Catch	2
7	N53215	Carriage Bolt - 1/4 x 1/2 Lg	4
8	D-5277	Flange Lock Nut - 1/4 Serrated	4
	N66510	Divider Head Assembly - 10 Outlet (Includes All Above Items)	
11	N65131	Secondary Hose Finger Adapter	10
12	N11470	Hose Clamp - HC5-20 - 20mm Diameter	20
DIFFUSER PIPE			
8	D-5277	Flange Lock Nut - 1/4 Serrated	4
9	W-469	Hex Head - 1/4 x 3/4 Lg	2
10	N66662	Diffuser - Straight	1

Section 5: Transmissions - Ground Drive

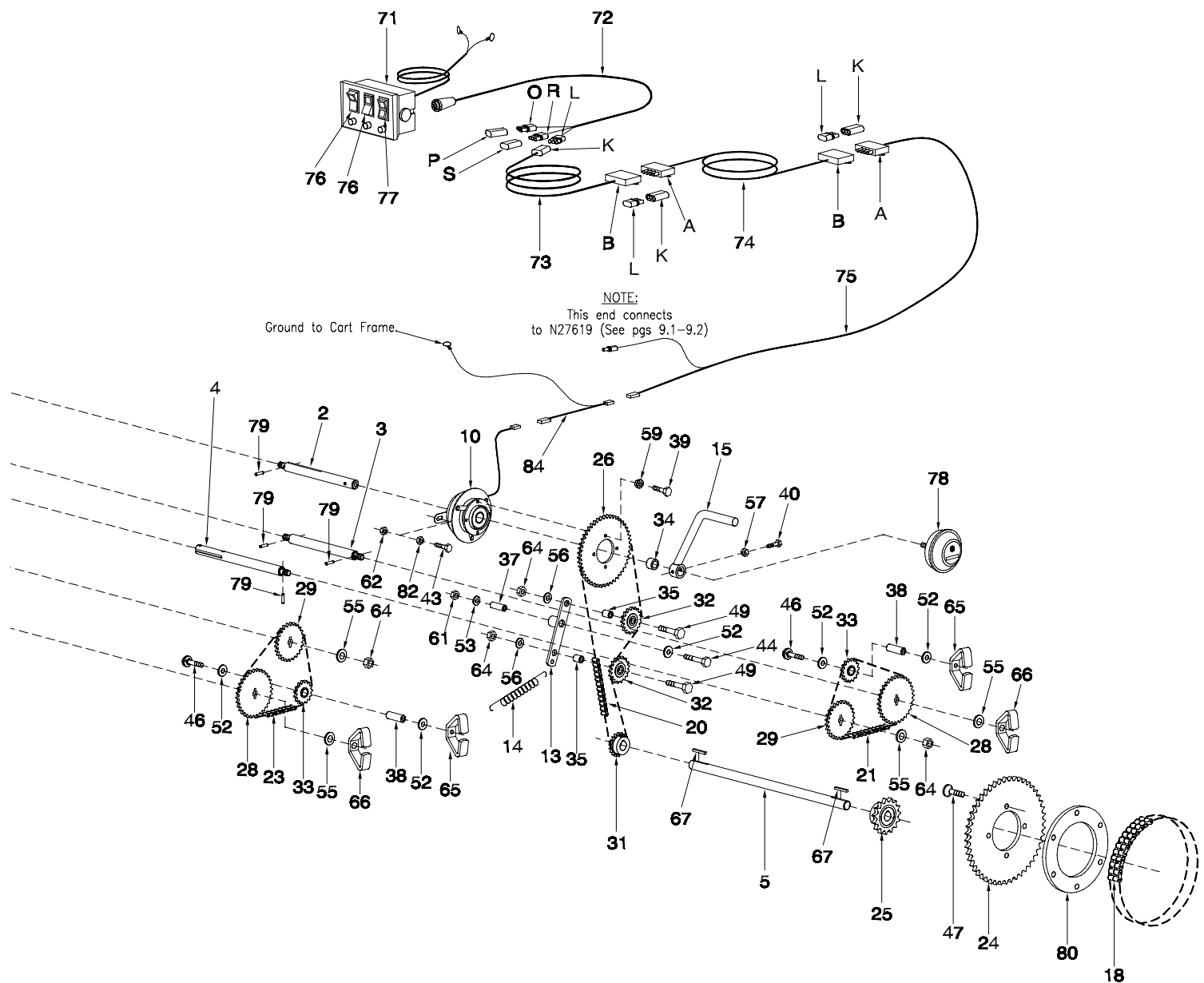
Section Contents

Metering Drive - 9240 / 9300.....	5-2
Metering Drive - 9252.....	5-6
Metering Drive - Third Tank.....	5-10

Metering Metering Drive - 9240 / 9300



Metering Metering Drive - 9240 / 9300



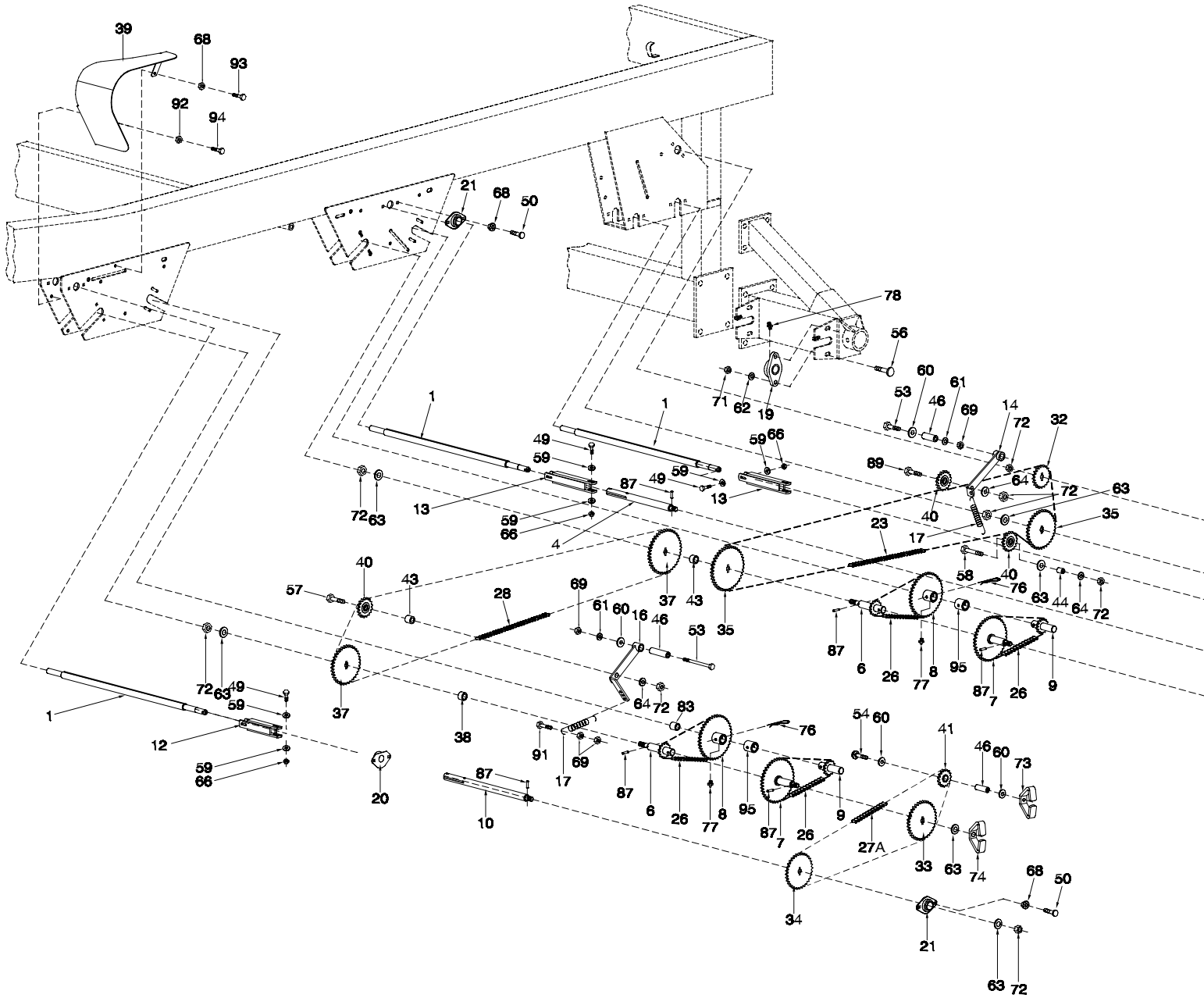
Metering - Metering Drive - 9240 / 9300

Item	Part No.	Description	Qty
1	N19687	Metering Shaft - 8 Outlet	2
2	N27400	Shaft - Clutch - (P-Drive).....	1
3	N27401	Shaft - Rate Change - (P-Drive).....	1
4	N42166	Shaft - Meter End	2
	N27402	Shaft - Meter End - (P-Drive) required for auxiliary clutch kit	
5	N24782	Jackshaft - 23 3/4 Lg	1
6	N27403	Shaft - Slow Speed - 13T - (P-Drive)	1
7	N27404	Shaft - Slow Speed - 40T - (P-Drive)	1
8	N27406	Shaft - Reducer - 40T - (P-Drive).....	1
9	N27405	Shaft - Reducer - 13T - (P-Drive).....	1
10	N16862	Electric Clutch - 12 Volt.....	1
11	N21288	Coupler - Metering - 7 15/16 Lg.....	2
12	N19261	Arm - Idler.....	1
13	N19288	Arm - Idler.....	1
14	W-1663	Spring - 23/32 OD x 7 9/16 Lg	2
15	N27600	Crank - Calibration (Zinc Plated).....	1
16	N19224	Bearing - 2 Bolt Flushmount.....	2
17	N53889	Flangette Bearing - 1.001 Bore - (SP)	12
18	N19220	Chain - #60 x 48 Link w/Connector - Double Strand	1
	N19221	Chain Connector - #60 - Double Strand (Not Shown)	1
19	N27629	Chain - #40 x 347 Link w/Connector & Offset Link 9240 / 9300	1
20	N27630	Chain - #40 x 115 Link w/Connector & Offset Link 9240 / 9252 / 9300.....	1
21	N16903	Chain - #40 x 70 Link w/Connector	1
22	N16113	Chain - #40 x 69 Link w/Connector & Offset Link	2
23	N19258	Chain - #40 x 64 Link w/Connector	1
		S10954 - Connector #40 Chain S10955 - Offset Connector #40 Chain (Not Shown)	
24	N24774	Sprocket - 60A48 - 6 Dia Bore - 9240 / 9300.....	1
25	N47415	Sprocket - 60B15	1
26	N27410	Sprocket - 40A48 (Clutch)	1
27		See NOTE "A" on next page	
28		See NOTE "B" on next page	
29	N27425	Sprocket - 40A25 - (P-Drive).....	2
30	N27426	Sprocket - 40A26 - (P-Drive) 9240 / 9300 w/All Weather Tires	2
	N27424	Sprocket - 40A24 - (P-Drive) 9240 / 9300 with Rice Tires	2
31	N19237	Sprocket - 40B18 - (Drive)	1
32	D17808	Idler Sprocket - 40A17 w/5/8 Bore	4
33	D-5234	Nylon Idler - 40B15.....	2
34	N19232	Spacer - 11/16 Lg	1
35	N19577	Bushing - 7/8 Lg	2
36	D-5011	Bushing - Spacer - 1 9/16 Lg.....	1
37	N16156	Spacer - 2 1/8 Lg.....	1
38	N19460	Bushing - 2 1/2 Lg	3
39	W-469	Hex Bolt - 1/4 x 3/4 Lg	4
40	W-1540	Hex Bolt - 1/4 x 2 Lg.....	1
41	N22777	Hex Bolt - 1/4 x 2 1/4 Lg - Gr8.....	4
42	D-5259	Carriage Bolt - 5/16 x 3/4 Lg.....	24
43	W-187	Hex Bolt - 3/8 x 1 1/4 Lg	1
44	W-1854	Hex Bolt - 3/8 x 3 Lg.....	1
45	W-481	Hex Bolt - 3/8 x 3 1/2 Lg.....	1
46	N19283	Carriage Bolt - 3/8 x 3 1/2 Lg.....	2
47	N24780	Countersunk Machine Screw - 1/2-20 UNF x 1 3/4 Lg 9240 / 9300	4
48	H-4584	Carriage Bolt - 1/2 x 1 1/2 Lg.....	4
49	W-502	Hex Bolt - 5/8 x 2 3/4 Lg	2
50	W-503	Hex Bolt - 5/8 x 3 1/2 Lg.....	1
51	S-1198	Flatwasher - 1/4.....	8
52	N19706	Flatwasher - 3/8.....	6
53	W-523	Lockwasher - 3/8	2
54	W-525	Lockwasher - 1/2	4
55	W-793	Flatwasher - 5/8.....	7
56	W-526	Lockwasher - 5/8	4

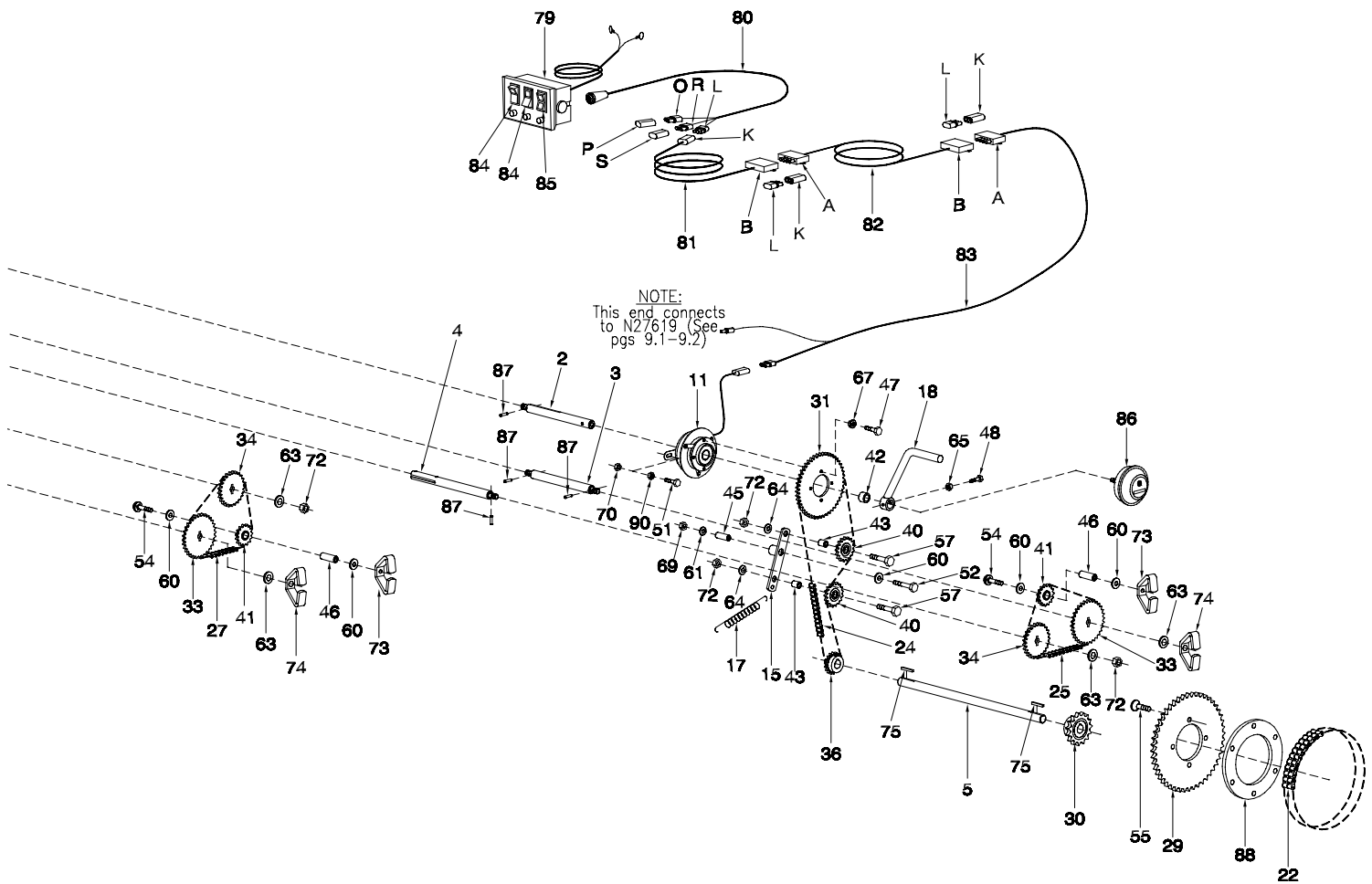
Metering - Metering Drive - 9240 / 9300

Item	Part No.	Description	Qty
57	N15757	Locknut - 1/4.....	1
58	N22778	Locknut - 1/4 w/Nylon Insert.....	4
59	D-5277	Serrated Locknut - 1/4	4
60	D-5278	Serrated Locknut - 5/16	24
61	W-514	Hex Nut - 3/8	2
62	M-3388	Unitorque Locknut - 3/8	1
63	W-516	Hex Nut - 1/2	4
64	W-517	Hex Nut - 5/8	9
65	N27350	Wing Nut - 3/8.....	2
66	N27370	Wing Nut - 5/8	2
67	S10730	Key - 1/4 x 1/4 x 1 1/4 Lg	2
68	P1318510	Hair Pin - #19 - 1/4 x 4 3/8 Lg	1
69	S-752	Grease Zerk - 1/4 Straight	2
70	F-3056	Grease Zerk - 1/4 x 90	2
71	N27011	Clutch Switch - Main(Fuse 7.5 amp - N30594)	1
72	N27012	Clutch Wire - Extension - 8 ft	1
73	N32456	Clutch Wire - Extension - 16 ft (Weather Pak).....	1
74	N32457	Wire - Clutch Extension(Weather Pak) Tow Behind Only	1
75	N32467	Clutch Wire (Weather Pak)	1
76	N29382	Clutch Rocker Switch - 2 Way - #83301.....	2
77	N29383	Granular Rocker Switch - 3 Way - #200301	1
78	D-5016	Acre Meter #750-0240 (Optional)	1
79	N27395	Drive Pin - 3/16 x 1 Lg	7
80	N24779	Spacer Ring - Drive Sprocket 9252 / 9240 / 9300	1
81	W-498	Hex Bolt - 5/8 x 1 3/4 Lg	1
82	S-748	Jam Nut - 3/8.....	1
83	N16853	Bushing - 1.009 ID x 1.253 OD x 1-1/4 Lg	1
84	N44734	Clutch Ground Wire	1
		E N27613 Weather Pak Connector - BLACK - 3 Pin Plug (Shroud)	
		F N27614 Weather Pak Connector - BLACK - 3 Pin Socket (Tower)	
		G N27615 Weather Pak Connector - BLACK - 3 Pin Plug	
		See Pg.8-4 for a complete list of Replacement Connectors	
	NOTE "A":	<i>Seeding Tool Trip Spacing Sprockets</i>	
		7.5" Spacing Use N27412	
		8" Spacing Use N27413	
		9" Spacing Use N27415	
		10" Spacing Use N27417	
		12" Spacing Use N27420	
	NOTE "B":	<i>Metering Rate Change Sprockets</i>	
		N27412 40A12.....N27425 40A25	
		N27413 40A13.....N27426 40A26	
		N27414 40A14.....N27427 40A27	
		N27415 40A15.....N27428 40A28	
		N27416 40A16.....N27429 40A29	
		N27417 40A17.....N27431 40A31	
		N27418 40A18.....N27432 40A32	
		N27419 40A19.....N27435 40A35	
		N27420 40A20.....N27438 40A38	
		N27421 40A21.....N27440 40A40	
		N27422 40A22.....N27444 40A44	
		N27423 40A23.....N27445 40A45	
		N27424 40A24	
	NOTE "C":	<i>Optional Rate Change sprockets offered through Parts Department Only</i>	
		N27430 40A30.....N27437 40A37	
		N27433 40A33.....N27439 40A39	
		N27434 40A34.....N27441 40A41	
		N27436 40A36.....N27442 40A42	
		N27443 40A43	

Metering Metering Drive - 9252



Metering Metering Drive - 9252



Metering - Metering Drive - 9252

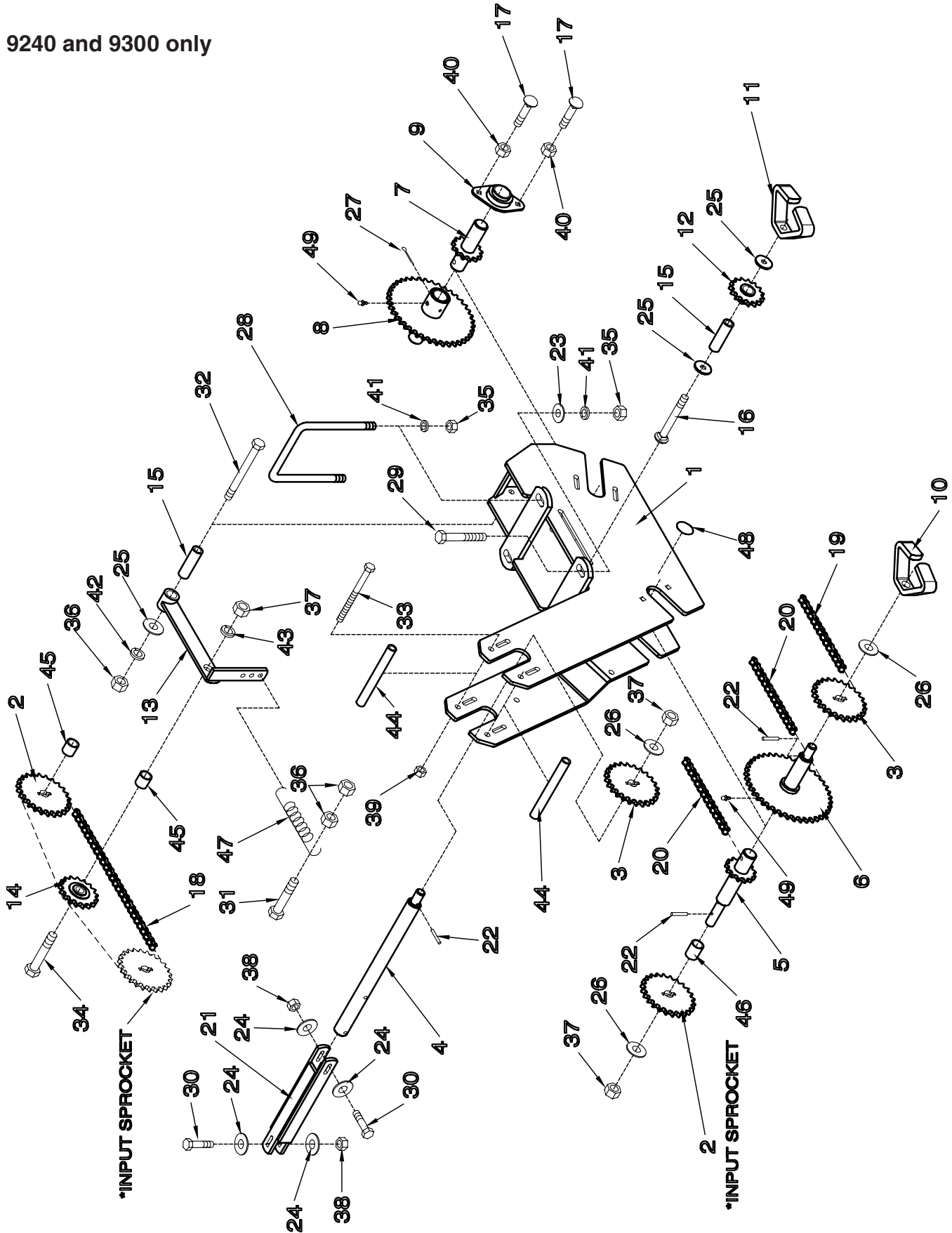
Item	Part No.	Description	Qty
1	N19687	Metering Shaft - 8 Outlet	3
2	N27400	Shaft - Clutch - (P-Drive).....	1
3	N27401	Shaft - Rate Change - (P-Drive).....	1
4	N42166	Shaft - Meter End	2
	N27402	Shaft - Meter End - (P-Drive) required for auxiliary clutch kit	
5	N24782	Jackshaft - 23 3/4 Lg	1
6	N27403	Shaft - Slow Speed - 13T - (P-Drive)	2
7	N27404	Shaft - Slow Speed - 40T - (P-Drive)	2
8	N27406	Shaft - Reducer - 40T - (P-Drive).....	2
9	N27405	Shaft - Reducer - 13T - (P-Drive).....	2
10	N31540	Shaft - Meter End - (P-Drive)	1
11	N16862	Electric Clutch - 12 Volt.....	1
12	N19760	Coupler - Metering - 5 15/16 Lg.....	1
13	N21288	Coupler - Metering - 7 15/16 Lg.....	2
14	N19261	Arm - Idler.....	1
15	N19288	Arm - Idler.....	1
16	N21672	Arm - Idler.....	1
17	W-1663	Spring - 23/32 OD x 7 9/16 Lg.....	3
18	N27600	Crank - Calibration (Zinc Plated).....	1
19	N19224	Bearing - 2 Bolt Flushmount.....	2
20	N31743	Flangette Bearing - 1" Bore - Nipped (SP)	1
21	N53889	Flangette Bearing - 1.001 Bore - (SP)	17
22	N19220	Chain - #60 x 48 Link w/Connector - Double Strand	1
23	N31777	Chain - #40 x 300 Link w/Connector & Offset Link.....	1
24	N27630	Chain - #40 x 115 Link w/Connector & Offset Link.....	1
25	N16903	Chain - #40 x 70 Link w/Connector	1
26	N16113	Chain - #40 x 69 Link w/Connector & Offset Link.....	4
27	N19258	Chain - #40 x 64 Link w/Connector	1
27A	N31776	Chain - #40 x 97 Link w/Connector	1
28	N31509	Chain - #40 x 238 Link w/Connector	1
		S10954 - Connector #40 Chain S10955 - Offset Connector #40 Chain (Not Shown)	
29	N24774	Sprocket - 60A48 - 6 Dia Bore.....	1
30	N47415	Sprocket - 60B15.....	1
31	N27410	Sprocket - 40A48 (Clutch)	1
32		See NOTE "A" see next page	
33		See NOTE "B" see next page	
34	N27425	Sprocket - 40A25 - (P-Drive).....	3
35	N27426	Sprocket - 40A26 - (P-Drive) with All Weather Tires	3
	N27424	Sprocket - 40A24 - (P-Drive) with Rice Tires	2
36	N19237	Sprocket - 40B18 - (Drive)	1
37	N27424	Sprocket - 40B24 - (P-Drive).....	2
38	N29200	Spacer - 7/8 OD x 1 1/8 Lg.....	1
39	N31682	Chain Guard - Front Tank.....	1
40	D17808	Idler Sprocket - 40A17 w/5/8 Bore.....	5
41	D-5234	Nylon Idler - 40B15.....	3
42	N19232	Spacer - 23/32 Lg	1
43	N19577	Bushing - 7/8 Lg	4
44	D-5011	Bushing - Spacer - 1 9/16 Lg.....	3
45	N16156	Spacer - 2 1/8 Lg.....	1
46	N19460	Bushing - 2 1/2 Lg	5
47	W-469	Hex Bolt - 1/4 x 3/4 Lg	4
48	W-1540	Hex Bolt - 1/4 x 2 Lg.....	1
49	N22777	Hex Bolt - 1/4 x 2 1/4 Lg - Gr8.....	6
50	D-5259	Carriage Bolt - 5/16 x 3/4 Lg.....	36
51	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	1
52	W-1854	Hex Bolt - 3/8 x 3 Lg.....	1
53	W-481	Hex Bolt - 3/8 x 3 1/2 Lg	2
54	N19283	Carriage Bolt - 3/8 x 3 1/2 Lg	3
55	N24780	Countersunk Machine Screw - 1/2-20 UNF x 1 3/4 Lg	4
56	H-4584	Carriage Bolt - 1/2 x 1 1/2 Lg.....	4
57	W-502	Hex Bolt - 5/8 x 2 3/4 Lg	3
58	W-503	Hex Bolt - 5/8 x 3 1/2 Lg	1
59	S-1198	Flatwasher - 1/4.....	12
60	N19706	Flatwasher - 3/8.....	9
61	W-523	Lockwasher - 3/8	15
62	W-525	Lockwasher - 1/2	4
63	W-793	Flatwasher - 5/8.....	10
64	W-526	Lockwasher - 5/8	6
65	N15757	Locknut - 1/4.....	1

Metering - Metering Drive - 9252

Item	Part No.	Description	Qty
66	N22778	Locknut - 1/4 w/Nylon Insert.....	6
67	D-5277	Serrated Locknut - 1/4	4
68	D-5278	Serrated Locknut - 5/16	37
69	W-514	Hex Nut - 3/8	5
70	M-3388	Unitorque Locknut - 3/8	1
71	W-516	Hex Nut - 1/2	4
72	W-517	Hex Nut - 5/8	11
73	N27350	Wing Nut - 3/8.....	3
74	N27370	Wing Nut - 5/8.....	3
75	S10730	Key - 1/4 x 1/4 x 1 1/4 Lg.....	2
76	P1318510	Hair Pin - #19 - 1/4 x 4 3/8 Lg.....	2
77	S-752	Grease Zerk - 1/4 Straight.....	4
78	F-3056	Grease Zerk - 1/4 x 90 degree	2
79	N27011	Clutch Switch - Main - (Fuse 7.5 amp - N30594)	1
80	N27012	Clutch Wire - Extension - 8 ft	1
81	N32456	Clutch Wire - Extension - 16 ft (Weather Pak).....	1
82	N32457	Wire - Clutch Extension (Weather Pak) Tow Behind Only	1
83	N32467	Clutch Wire(Weather Pak)	1
84	N29382	Clutch Rocker Switch - 2 Way - #83301.....	2
85	N29383	Granular Rocker Switch - 3 Way - #200301	1
86	D-5016	Acre Meter #750-0240 (Optional)	1
87	N27395	Drive Pin - 3/16 x 1 Lg	10
88	N24779	Spacer Ring - Drive Sprocket	1
89	W-498	Hex Bolt - 5/8 x 1 3/4 Lg	1
90	S-748	Jam Nut - 3/8	1
91	W-480	Hex Bolt - 3/8 x 2 1/2	1
92	D-5279	Serrated Locknut - 3/8	2
93	F-1767	Hex Bolt - 5/16 x 3/4	1
94	W-867	Hex Bolt - 3/8 x 3/4	2
95	N16853	Bushing - 1.009 ID x 1.253 OD x 1-1/4 Lg	1
		E N27613 Weather Pak Connector - BLACK - 3 Pin Plug (Shroud)	
		F N27614 Weather Pak Connector - BLACK - 3 Pin Socket (Tower)	
		G N27615 Weather Pak Connector - BLACK - 3 Pin Plug	
		See Pg.8-4 for a complete list of Replacement Connectors	
	NOTE "A":	<i>Seeding Tool Trip Spacing Sprockets</i>	
		7.5" Spacing Use N27412	
		8" Spacing Use N27413	
		9" Spacing Use N27415	
		10" Spacing Use N27417	
		12" Spacing Use N27420	
	NOTE "B":	<i>Metering Rate Change Sprockets</i>	
		N27412 40A12.....N27425 40A25	
		N27413 40A13.....N27426 40A26	
		N27414 40A14.....N27427 40A27	
		N27415 40A15.....N27428 40A28	
		N27416 40A16.....N27429 40A29	
		N27417 40A17.....N27431 40A31	
		N27418 40A18.....N27432 40A32	
		N27419 40A19.....N27435 40A35	
		N27420 40A20.....N27438 40A38	
		N27421 40A21.....N27440 40A40	
		N27422 40A22.....N27444 40A44	
		N27423 40A23.....N27445 40A45	
		N27424 40A24	
	NOTE "C":	<i>Optional Rate Change sprockets offered through Parts Department Only</i>	
		N27430 40A30.....N27437 40A37	
		N27433 40A33.....N27439 40A39	
		N27434 40A34.....N27441 40A41	
		N27436 40A36.....N27442 40A42	
		N27443 40A43	

Metering Metering Drive - Third Tank

9240 and 9300 only



Metering - Metering Drive - Third Tank

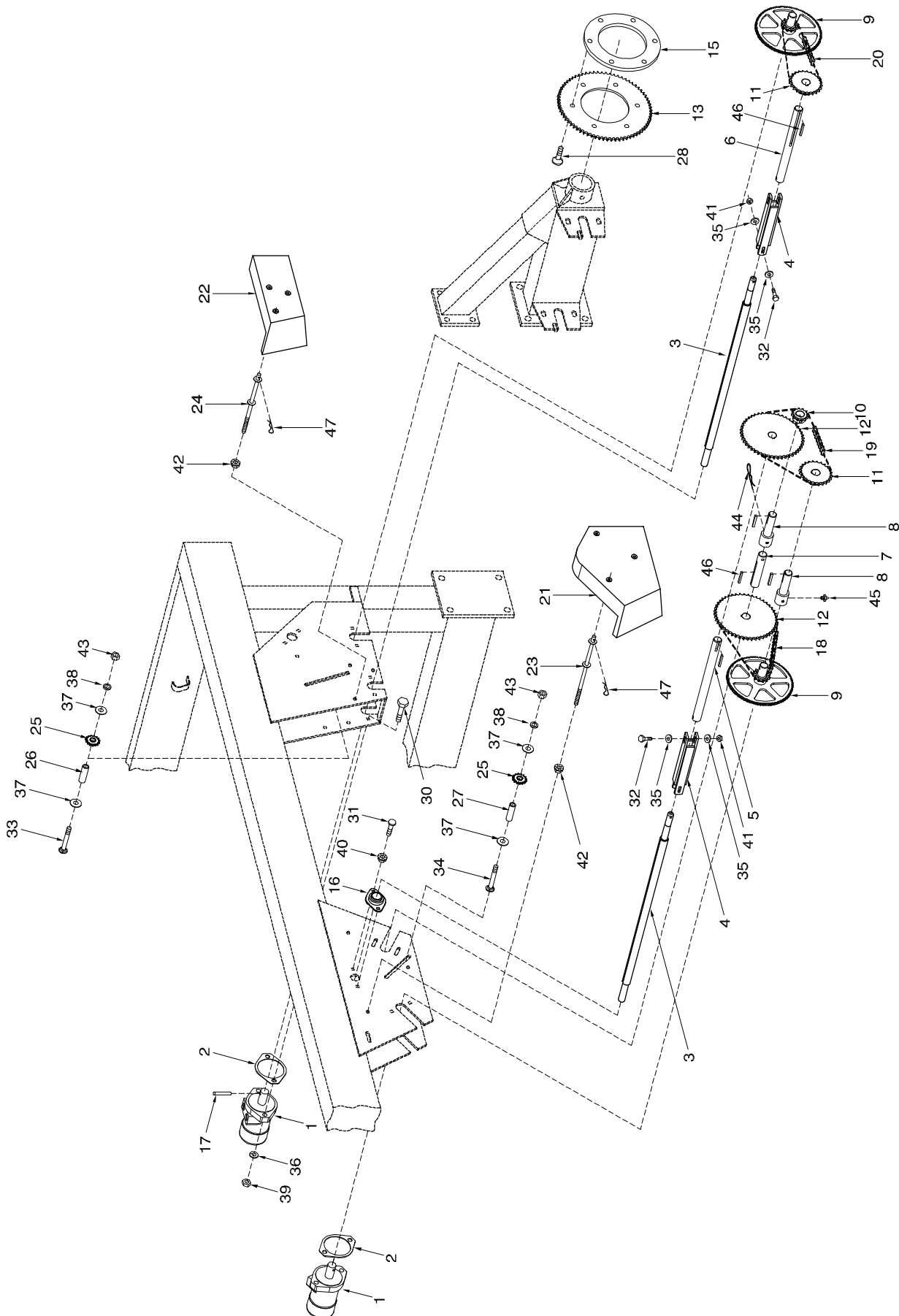
Item	Part No.	Description	Qty
		9240 and 9300 only	
1	N29097	Transmission - Fertilizer Applicator	1
2	N27424	Sprocket - 40A24 (Input Sprocket)	2
3	N27425	Sprocket - 40A25	2
4	N27402	Shaft - Meter End - (P-Drive)	1
5	N27403	Shaft - Slow Speed - 13T - (P-Drive)	1
6	N27404	Shaft - Slow Speed - 40T - (P-Drive)	1
7	N27405	Shaft - Reducer - 13T - (P-Drive)	1
8	N27406	Shaft - Reducer - 40T - (P-Drive) (Bushing - N16853)	1
9	N53889	Flangette Bearing - 1.001 Bore (Sp)	6
10	N27370	Wing Locknut - 5/8	1
11	N27350	Wing Locknut - 3/8	1
12	D-5234	Nylon Idler - #40B15	1
13	N21672	Idler Arm	1
14	D17808	Sprocket - Idler - 40A17 - 5/8 Bore	1
15	N19460	Bushing - 2 1/2 Lg	2
16	N19283	Carriage Bolt - 3/8 x 3 1/2 Lg	1
17	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	12
18	N29478	Chain - #40 x 163 Link W/Connector & 3 Offset	1
19	N29142	Chain #40 x 102 Link W/Connector	1
20	N16113	Chain #40 x 69 Link W/Connector & Offset	2
21	N21288	Coupler - Metering - 7 15/16 Lg	1
22	N27395	Drive Pin - 3/16 x 1 Lg	3
23	S-1925	Flatwasher - 1/2 ID x 1 1/16 OD x 13 Ga	2
24	S-1198	Flatwasher - 1/4	4
25	N19706	Flatwasher - 3/8 ID x 1 1/4 OD	3
26	W-793	Flatwasher - 5/8	3
27	P1318510	Hair Pin #19 - 0.243 x 4 3/8	1
28	N28164	U-Bolt - 1/2 x 5 1/8 x 10 5/8	1
29	N28165	Hex Bolt - 1/2 x 10 Lg	2
30	N22777	Hex Bolt - 1/4 x 2 1/4	2
31	W-480	Hex Bolt - 3/8 x 2 1/2 Lg	1
32	W-481	Hex Bolt - 3/8 x 3 1/2 Lg	1
33	N29158	Hex Bolt - 3/8 x 6 1/2 Lg	2
34	W-501	Hex Bolt - 5/8 x 2 1/2	1
35	W-516	Hex Nut - 1/2	4
36	W-514	Hex Nut - 3/8	3
37	W-517	Hex Nut - 5/8	3
38	N22778	Locknut - 1/4 - Nylon Insert	2
39	D-5279	Locknut - 3/8 - Serrated	2
40	D-5278	Locknut - 5/16 Serrated	12
41	W-525	Lockwasher - 1/2	2
42	W-523	Lockwasher - 3/8	1
43	W-526	Lockwasher - 5/8	1
44	N29487	Spacer - 5/8 OD x 5 1/2 Lg	2
45	N19577	Spacer - 7/8	2
46	N29200	Spacer - 7/8 OD x 1 1/8 Lg	1
47	W-1663	Spring - 23/32 OD x 7 9/16 Lg	1
48	C25809	Decal - "Grease 50 Hrs"	2
49	S-752	Grease Zerk - 1/4	2
50	N27864	Decal - "Slow Speed" 7000 Series	1

Section 6: Transmissions - Variable Rate

Section Contents

Metering Drive 9240 / 9300.....	6-2
Metering Drive 9252.....	6-4
Metering Drive Third Tank	6-6
Transmission Orbit Motor.....	6-8

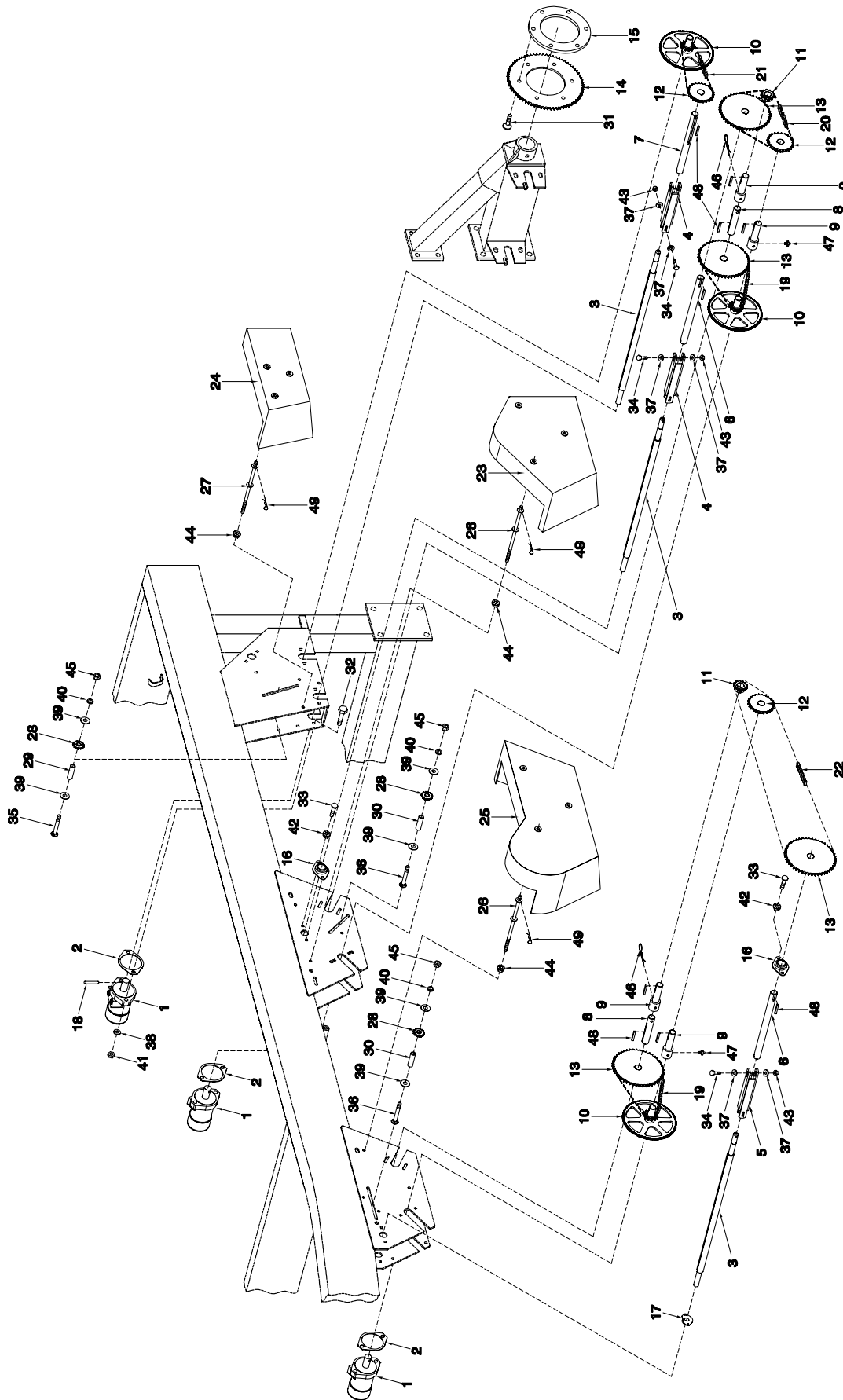
Variable Rate System Metering Drive 9240 / 9300



Variable Rate System - Metering Drive 9240 / 9300

Item	Part No.	Description	Qty
1	*****	Hydraulic Motor - See Page 6-8	3
2	N29371	Shim - 12 Ga - Danfoss Motor.....	2
3	N19687	Meter Shaft - 8 Outlet.....	2
4	N21288	Coupler - Metering	2
5	N29342	Shaft - Meter End (V-Drive) - Seed	1
6	N29343	Shaft - Meter End (V-Drive) - Fertilizer	1
7	N29341	Shaft - Slow Speed (V-Drive)	1
8	N29340	Shaft - Slow Speed (V-Drive)	2
9	N45530	Shaft - Slow Speed - 40A12 - (72 Teeth on Sensor Wheel).....	3
10	D17946	Sprocket - 40B12 w/1002 Bore.....	1
11	N29338	Sprocket - 40B24 w/1002 Bore	2
12	D10747	Sprocket - 40B48 w/1002 Bore	2
13	N29337	Sprocket - 40A72 w/6 Dia Bore - 9240 / 9300.....	1
14	*****		
15	N24779	Spacer Ring - Drive Sprocket 9240 / 9300 ONLY	1
16	N53889	Flangette Bearing - 1.001 Bore.....	7
17	N29375	Drive Pin - 5/16 x 1 1/2 (Groove).....	2
18	N29368	Chain - #40 x 73 Link w/Connector & Offset Link	1
19	N29367	Chain - #40 x 76 Link w/Connector	1
20	N29369	Chain - #40 x 53 Link w/Connector & Offset Link	1
21	N29312	Seed Transmission Chain Guard.....	1
22	N29313	Fertilizer Transmisison Chain Guard.....	1
23	N29317	Chain Guard Pin - 9 7/16 Lg	3
24	N29397	Chain Guard Pin - 7 7/16 Lg	3
25	D-5234	Idler Sprocket.....	2
26	N19460	Bushing - 2 1/2 Lg.....	1
27	N29399	Bushing - 3 1/8.....	1
28	N24780	Countersunk Machine Screw - 1/2-20 UNF x 1 3/4 Lg 9240 / 9300.....	4
29	*****		
30	W-488	Hex Bolt - 1/2 x 2 Lg.....	4
31	D-5259	Carriage Bolt - 5/16 x 3/4	14
32	N22777	Hex Bolt - 1/4 x 2 1/4 Lg - Gr8	4
33	N19283	Carriage Bolt - 3/8 x 3 1/2	1
34	N29398	Carriage Bolt - 3/8 x 4	1
35	S-1198	Flatwasher - 1/4	8
36	W-525	Lockwasher - 1/2.....	4
37	N19706	Flatwasher - 3/8	4
38	W-523	Lockwasher - 3/8.....	2
39	W-516	Hex Nut - 1/2	4
40	D-5278	Locknut - 5/16 - Serrated.....	14
41	N22778	Locknut - 1/4 w/Nylon Insert	4
42	S27987	Locknut - 3/8 - Flange	6
43	W-514	Hex Nut - 3/8	2
44	P1318510	Hair Pin - #19 - 0.243 x 4 3/4 Lg	1
45	S-752	Grease Zerk - 1/2-28 UNF Straight.....	2
46	S10730	Key - 1/4 x 1 1/4 Square	5
47	N29318	Hair Pin - 0.094 x 2 5/16	6
48	N29355	Decal - Warning (Not Shown).....	1
49	N19449	Seal Strip - 3/8 x 1 x 1 inch Long - 3 pieces/shield (bulk/ft) (Not Shown)	6
50	N32799	Decal - DANGER "Guard Missing" (Not Shown).....	2

Variable Rate System Metering Drive 9252

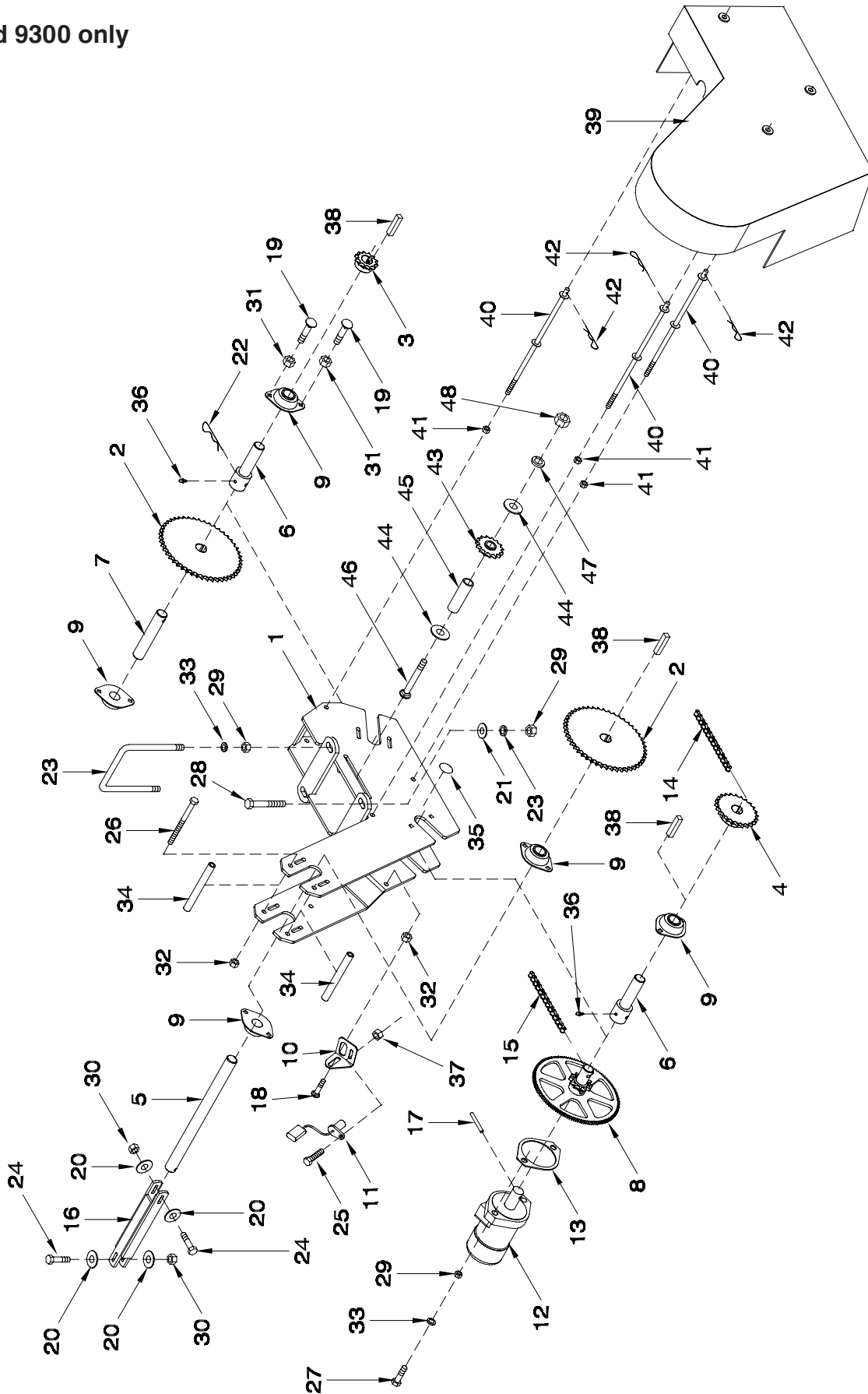


Variable Rate System - Metering Drive 7252

Item	Part No.	Description	Qty
1	*****	Hydraulic Motor - See Page 6-8	3
2	N29371	Shim - 12 Ga - Danfoss Motor.....	3
3	N19687	Meter Shaft - 8 Outlet.....	3
4	N21288	Coupler - Metering - 7 15/16 Lg 2	
5	N19760	Coupler - Metering - 5 15/16 Lg 1	
6	N29342	Shaft - Meter End (V-Drive) - Seed 2	
7	N29343	Shaft - Meter End (V-Drive) - Fertilizer 1	
8	N29341	Shaft - Slow Speed (V-Drive) 2	
9	N29340	Shaft - Slow Speed (V-Drive) 4	
10	N45530	Shaft - Slow Speed - 40A12 - (72 Teeth on Sensor Wheel)..... 3	
11	D17946	Sprocket - 40B12 w/1002 Bore..... 2	
12	N29338	Sprocket - 40B24 w/1002 Bore 3	
13	D10747	Sprocket - 40B48 w/1002 Bore 4	
14	N29337	Sprocket - 40A72 w/6 Dia Bore..... 1	
15	N24779	Spacer Ring - Drive Sprocket..... 1	
16	N53889	Flangette Bearing - 1.001 Bore 17	
17	N31743	Flangette Bearing - 1 Bore - Nipped (SP) 1	
18	N29375	Drive Pin - 5/16 x 1 1/2 (Groove)..... 3	
19	N29368	Chain - #40 x 73 Link w/Connector & Offset Link 2	
20	N29367	Chain - #40 x 77 Link w/Connector..... 1	
21	N29369	Chain - #40 x 53 Link w/Connector & Offset Link 1	
22	N31776	Chain - #40 x 97 Link w/Connector & Offset Link 1	
23	N29312	Seed Transmission Chain Guard..... 1	
24	N29313	Fertilizer Transmission Chain Guard 1	
25	N29315	Front Transmission Chain Guard 1	
26	N29317	Chain Guard Pin - 9 7/16 Lg 6	
27	N29397	Chain Guard Pin - 7 7/16 Lg 3	
28	D-5234	Idler Sprocket..... 3	
29	N19460	Bushing - 2 1/2 Lg..... 1	
30	N29399	Bushing - 3 1/8..... 2	
31	N24780	Countersunk Machine Screw - 1/2-20 UNF x 1 3/4 Lg..... 4	
32	W-488	Hex Bolt - 1/2 x 2 Lg..... 6	
33	D-5259	Carriage Bolt - 5/16 x 3/4 24	
34	N22777	Hex Bolt - 1/4 x 2 1/4 Lg - GR8..... 6	
35	N19283	Carriage Bolt - 3/8 x 3 1/2 1	
36	N29398	Carriage Bolt - 3/8 x 4 2	
37	S-1198	Flatwasher - 1/4 12	
38	W-525	Lockwasher - 1/2..... 6	
39	N19706	Flatwasher - 3/8 6	
40	W-523	Lockwasher - 3/8..... 3	
41	W-516	Hex Nut - 1/2 6	
42	D-5278	Locknut - 5/16 - Serrated..... 24	
43	N22778	Locknut - 1/4 w/Nylon Insert 6	
44	S27987	Locknut - 3/8 - Flange 9	
45	W-514	Hex Nut - 3/8 3	
46	P1318510	Hair Pin - #19 - 0.243 x 4 3/4 Lg 2	
47	S-752	Grease Zerk - 1/2-28 UNF Straight..... 4	
48	S10730	Key - 1/4 x 1 1/4 Square 9	
49	N29318	Hair Pin - 0.094 x 2 5/16 9	
50	N29355	Decal - Warning (Not Shown)..... 1	
51	N19449	Seal Strip - 3/8 x 1 x 1 inch Long - 3 pieces/shield (bulk/ft) (Not Shown) 9	
52	N32799	Decal - DANGER "Guard Missing" (Not Shown)..... 3	

Variable Rate System Metering Drive Third Tank

9240 and 9300 only



Variable Rate System - Metering Drive Third Tank

Item	Part No.	Description	Qty
		9240 and 9300 only	
1	N29097	Transmission - Fertilizer Applicator	1
2	D10747	Sprocket - 40B48.....	2
3	D17946	Sprocket - 40B12.....	1
4	N29338	Sprocket - 40B24.....	1
5	N29342	Shaft - Meter End - (P-Drive).....	1
6	N29340	Shaft - Slow Speed - (V-Drive) (Bushing - N16853)	2
7	N29341	Shaft - Slow Speed - (V-Drive)	1
8	N29345	Shaft - Slow Speed - 12T - (V-Drive)	1
9	N53889	Flangette Bearing - 1.001 Bore (Sp)	5
10	N29296	Metershaft Sensor Bracket	1
11	N50070	Hall Effect Sensor.....	1
12	*****	Hydraulic Motor - See Page 6-8	3
13	N29371	Hydraulic Motor Shim - 12 Ga	1
14	N19785	Chain - #40 x 127 Link W/2 Conn - 2 Pcs	1
15	N29368	Chain - #40 x 73 Link W/2 Conn - 2 Pcs	1
16	N21288	Coupler - Metering - 7 15/16 Lg.....	1
17	N29375	Drive Pin - 5/16 x 1 1/2 Lg.....	1
18	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg	1
19	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	10
20	S-1198	Flatwasher - 1/4	4
21	S-1925	Flatwasher - 1/2 ID x 1 1/16 OD x 13 Ga	2
22	P1318510	Hair Pin - #19 - 0.243 x 4 3/8	1
23	N28164	U-Bolt - 1/2 x 5 1/8 x 10 5/8.....	1
24	N22777	Hex Bolt - 1/4 x 2 1/4.....	2
25	W-469	Hex Bolt - 1/4 x 3/4.....	1
26	N29158	Hex Bolt - 3/8 x 6 1/2 Lg.....	2
27	W-488	Hex Bolt - 1/2 x 2 Lg.....	2
28	N28165	Hex Bolt - 1/2 x 10 Lg.....	2
29	W-516	Hex Nut - 1/2	6
30	N22778	Locknut - 1/4 - Nylon Insert.....	2
31	D-5278	Locknut - 5/16 - Serrated.....	10
32	D-5279	Locknut - 3/8 - Serrated.....	3
33	W-525	Lockwasher - 1/2	6
34	N29487	Spacer - 5/8 OD x 5 1/2 Lg	2
35	C25809	Decal - "Grease 50 Hrs"	2
36	S-752	Grease Zerk - 1/4.....	2
37	D-5277	Locknut - 1/4 - Serrated.....	1
38	S10730	Key - 1/4 x 1 1/4	4
39	N29311	Chain Guard.....	1
40	N29317	Chain Guard Pin.....	3
41	S27987	Locknut - 3/8 - Flanged	3
42	N29318	Hair Pin- #7 - 0.0938 x 2 5/16	3
43	D-5234	Idler Sprocket.....	1
44	N19706	Flatwasher - 3/8	2
45	N29399	Bushing -3 1/8 Lg.....	1
46	N29398	Carriage Bolt - 3/8 x 4	1
47	W-523	Lockwasher - 3/8.....	1
48	W-514	Hex Nut - 3/8	1
49	N27864	Decal - "Slow Speed"	1

Transmission Orbit Motor

Danfoss has discontinued the DH80 orbit motor. Morris Part number N29319. (Seal Kit N48071)

The replacement motor is **Danfoss OMPX 80**. Morris Part number **N72140**. (Seal Kit N72139)

This is a running change for the 2021 production year starting with the serial numbers listed below:

9240s BD is 9240214544 and newer

9240s BT is 9230214035 and newer

9252s BD is 9252215534 and newer

9252s BT is 9253215032 and newer

9300s BD is 9300216541 and newer

9300s BT is 9330216063 and newer

Note: It is possible to have both series motors on the same Air Cart, so check each motor to determine which seal kits are required.



Danfoss OMPX 80
Morris Part number **N72140**
Seal Kit N72139



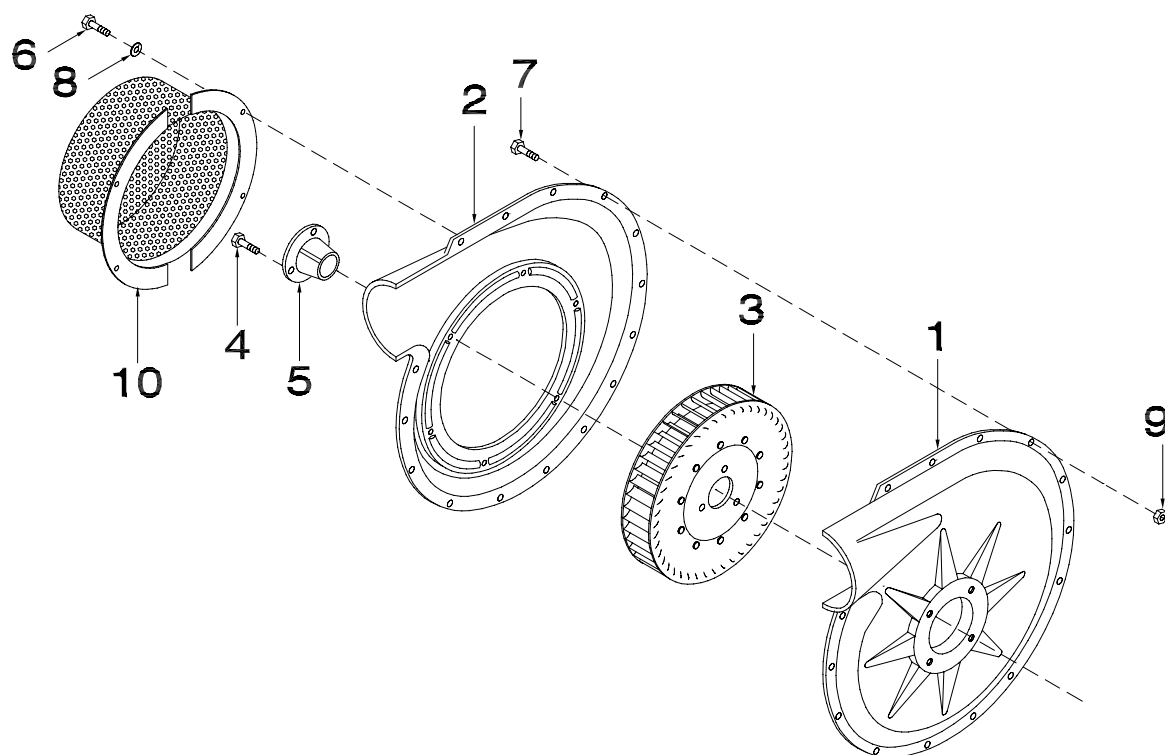
Danfoss DH 80
Morris Part number **N29319**
Seal Kit N48071

Section 7: Fan

Section Contents

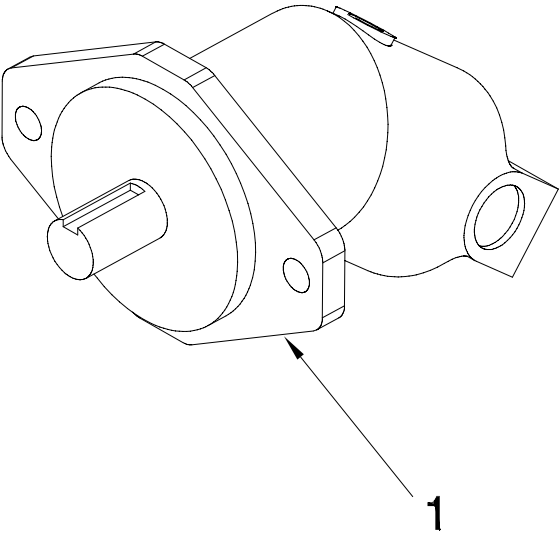
Crary Hydraulic Drive	7-2
Orbit Motor	7-3

Fan Crary Hydraulic Drive



Item	Part No.	Description	Qty
1	N16708	Bearing Plate Casting	1
2	N16709	Inlet Casting	1
3	N16710	Rotor	1
4	N16716	Machine Screw - #10-24 x 1.....	3
5	N16712	Tapered Bushing (Includes Hardware)	1
6	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	6
7	W-1552	Hex Bolt - 1/4 x 1 Lg.....	15
8	S-4747	Flatwasher - 1/4	6
9	D-5277	Lock Nut - 1/4 Serrated	15
10	N28190	Screen - Fan Inlet.....	1
	N29373	Key - 6 mm SQ x 15 (Not Shown)	1
	N37905	Plug - 1/8 MNPT (Not Shown)	1
	N16263	Fan (Includes All Above Items Except for #10)	

Fan Orbit Motor



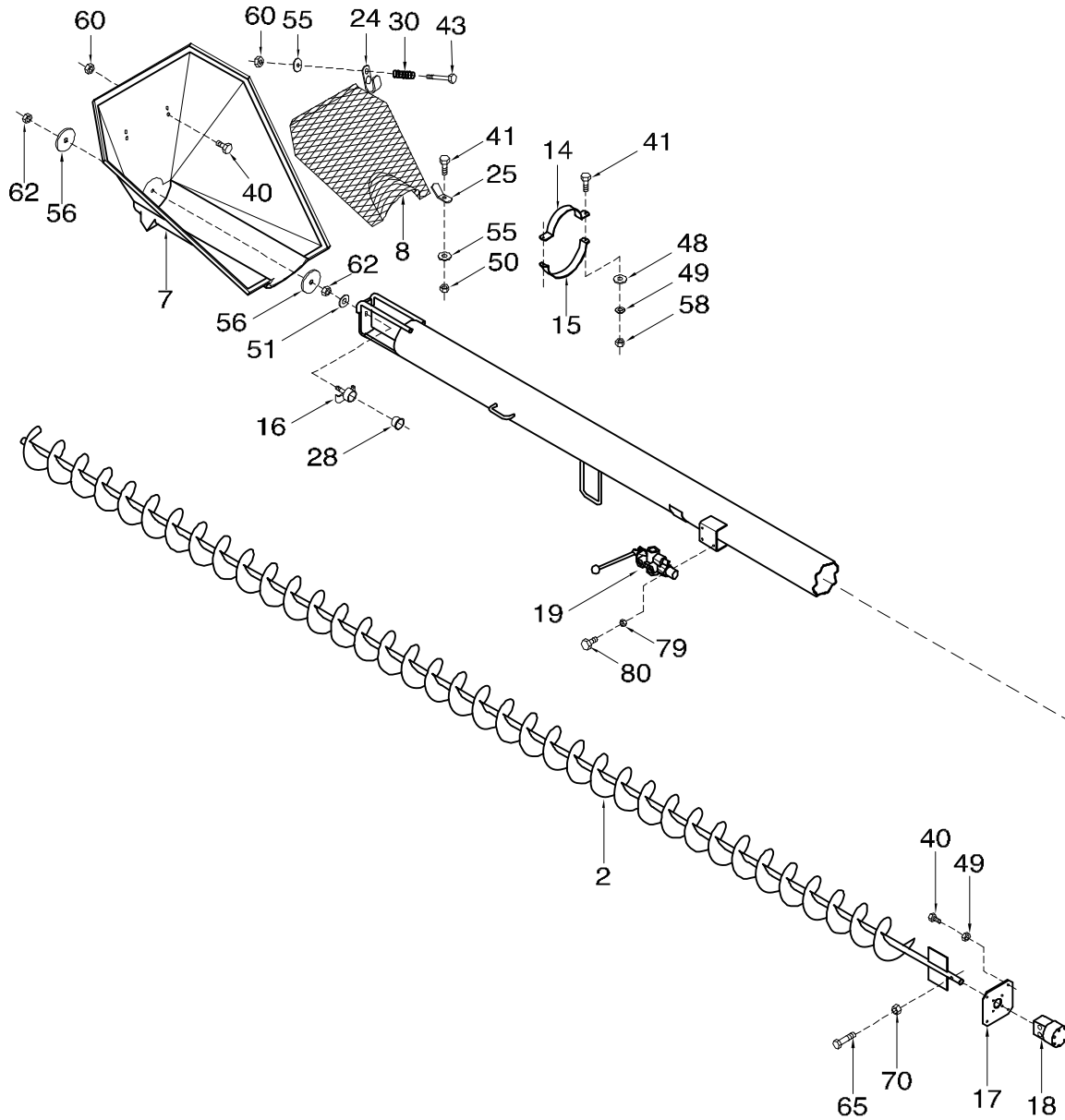
Item	Part No.	Description	Qty
1	N29372	Rexroth Orbit Motor - 12cc - 20mm shaft	1
	N25507	Shaft Seal Only for above Rexroth Motors	1
	N25508	Seal Kit for above Rexroth Motors.....	1

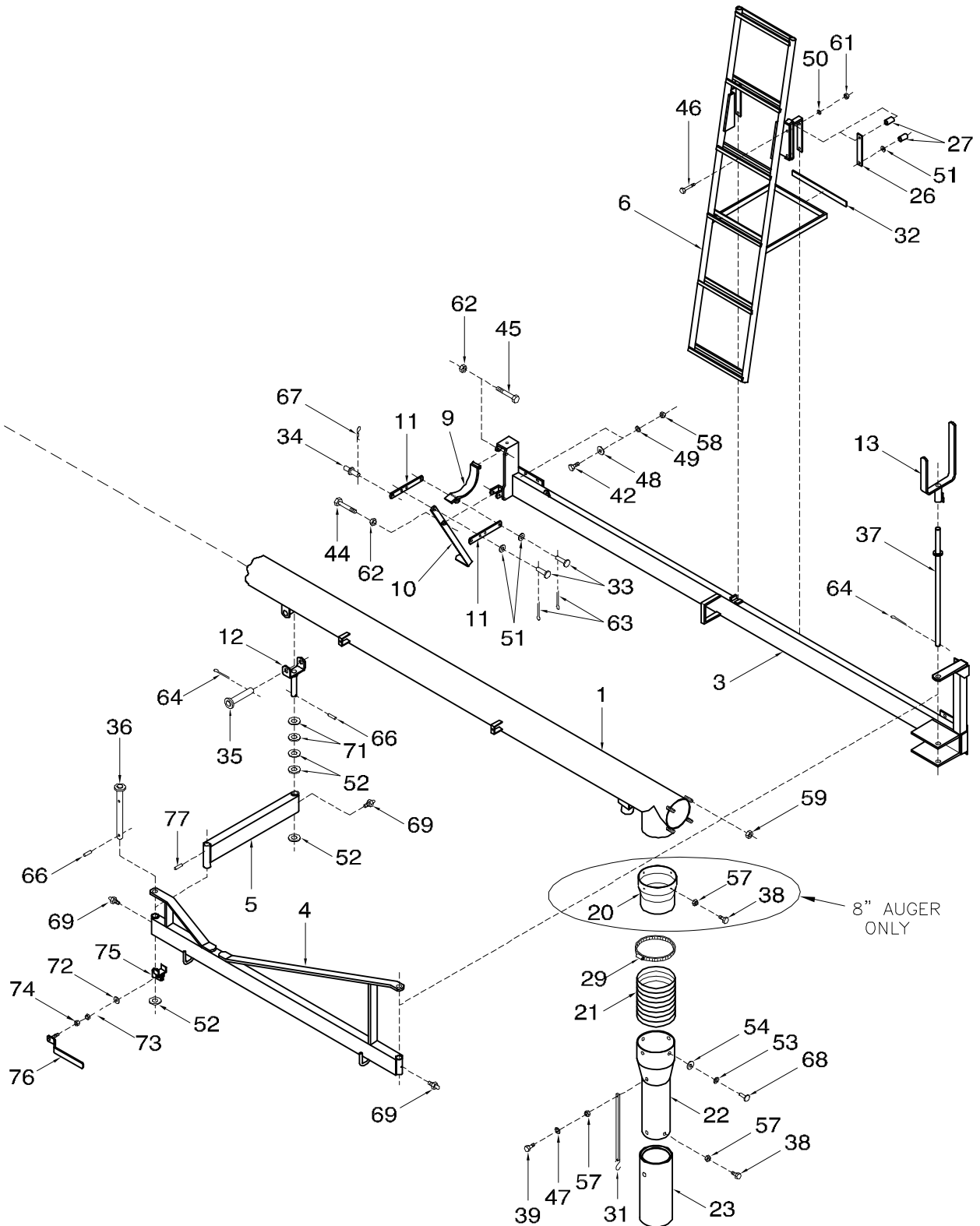
Section 8: Auger

Section Contents

8 Auger - 9240, 9252 and 9300.....	8-2
7 Auger - 9252.....	8-6

Auger 8 Auger - 9240, 9252 and 9300





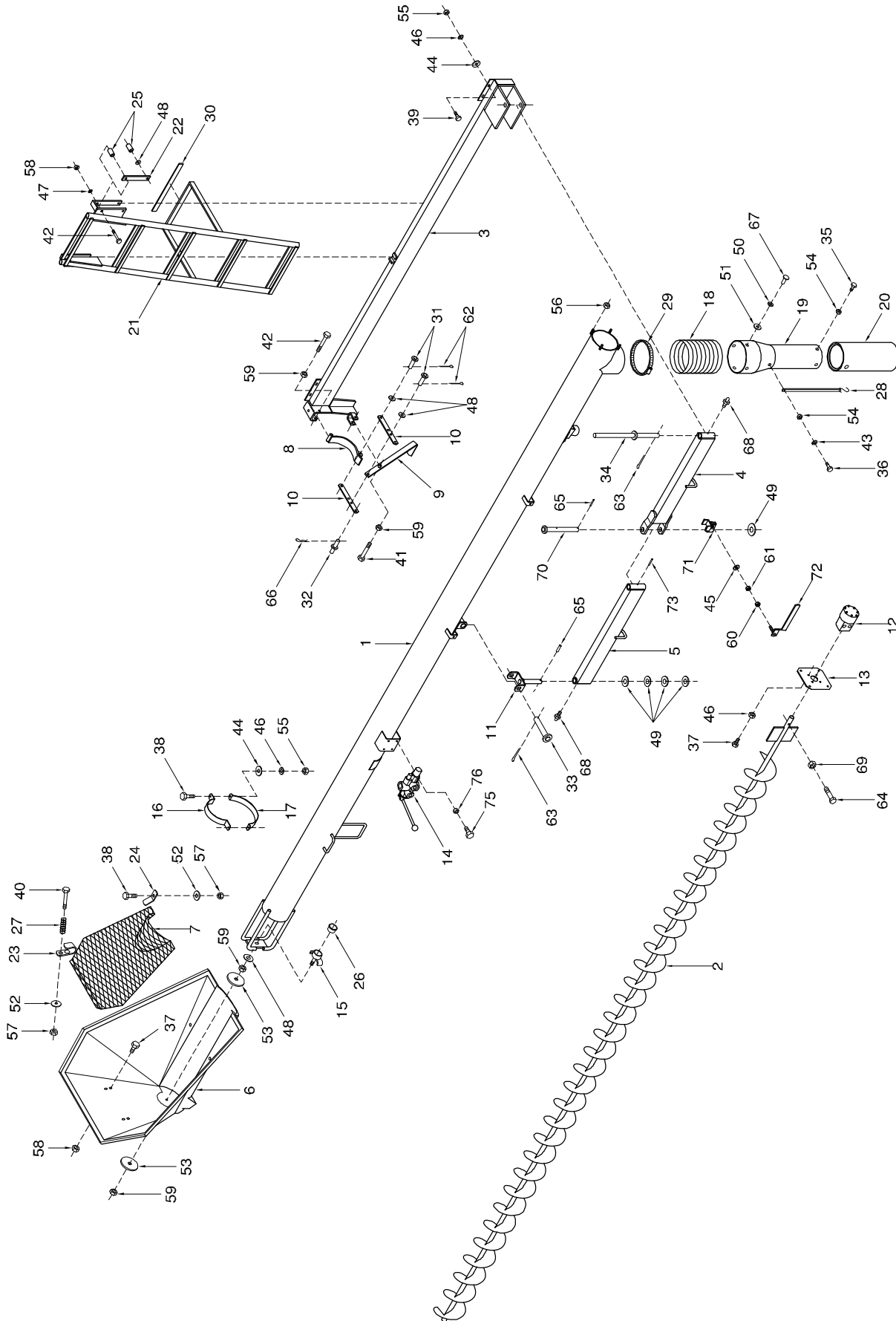
8 Auger - 9240, 9252 and 9300

Item	Part No.	Description	Qty
1	N27689	Auger Housing - 8 x 240 Lg	1
2	N27695	Flyteing - 8 x 237 1/2 Lg.....	1
	N27685	Brush Flyteing - 8 x 237 1/2 Lg (Optional - Not Shown) (Wholegoods only).....	1
3	N44080	Auger Mount Bracket - 9240 and 9300	1
	N56380	Auger Mount Bracket - 9252	1
4	N21735	Arm - Auger - 72.....	1
5	N28328	Arm - Auger - 26.....	1
6	N27760	Ladder - Auger Access - 9240	1
	N27755	Ladder - Auger Access - 9252	1
	N27765	Ladder - Auger Access - 9300	1
7	N19784	Auger Hopper - 44.....	1
8	N31020	Screen.....	1
	N31019	Fine Screen - (Optional)	1
9	N28920	Cradle - Auger - 8.....	1
10	N34251	Handle w/grip	1
	N32769	Grip for N34251	
	N29737	Handle for N34251	
11	N19736	Link.....	2
12	N29395	Saddle - Auger Pivot.....	1
13	N28575	Saddle - Auger Pivot - 8	1
14	N25668	Strap - Upper Auger Hopper - 4	1
15	N21294	Strap - Lower Auger Hopper - 4 3/4	1
16	N22809	Pin - Auger Bearing Support	1
17	N25753	Plate - Mount.....	1
18	N25741	Orbit Motor	1
	N16731	Seal Kit - serial numbers ending with -008 or -009 or -010)	
	N48041	Seal Kit - serial numbers ending with -012)	
19	N53205	Control Valve - w/7/8-14 FORB x 1 1/16-12 FORB..... (Seal Kit N55676) (Handle N55677)	1
20	N21076	Reducer - 8 Auger Spout (8 Auger ONLY).....	1
21	N22802	Flex Hose - 7 Dia x 12 Lg.....	1
22	N22799	Auger Spout	1
23	N24421	Auger Spout - Extension	1
24	N27705	Latch - Auger Screen - Lower.....	2
25	N27706	Latch - Auger Screen - Upper	2
26	N27761	Wear Plate - Ladder	2
27	N27759	Bushing - 3/4 OD x 1 7/8 Lg.....	4
28	C22785	Bushing - 1 5/8 OD x 3/4 Lg (Blue)	1
29	N15462	Hose Clamp - 8 Dia.....	1
30	N15045	Spring - 0.59 OD x 1 1/4 Lg	2
31	N19777	Tie Down Strap - 15 - Rubber.....	1
32	N19449	Seal Strip - 3/8 x 1 x 24 (Bulk/ft).....	1
33	BW-8	Pin - 1/2 x 1 1/32 UL	2
34	N19745	Lock Pin - 1/2 x 1 1/32 UL.....	1
35	N17217	Pin - 1 x 4 3/4 UL	1
36	N31765	Pin - Auger Pivot - 1 x 12 23/32 UL	1
37	N28327	Pin - Auger Pivot - 1 x 22 7/8 UL	1
38	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	7
39	W-470	Hex Bolt - 1/4 x 1 1/4 Lg.....	1
40	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	10
41	W-475	Hex Bolt - 3/8 x 1 Lg.....	4
42	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	8
43	W-478	Hex Bolt - 3/8 x 2 Lg.....	2
44	W-492	Hex Bolt - 1/2 x 3 Lg.....	1
45	W-493	Hex Bolt - 1/2 x 3 1/2 Lg.....	1

8 Auger - 9240, 9252 and 9300

Item	Part No.	Description	Qty
46	W-1575	Hex Bolt - 1/2 x 5 Lg.....	4
47	S-1198	Flatwasher - 1/4	1
48	W-538	Flatwasher - 3/8	10
49	W-523	Lockwasher - 3/8.....	18
50	W-525	Lockwasher - 1/2.....	4
51	W-539	Flatwasher - 17/32 ID x 1 3/8 OD x 12 Ga	4
52	D10803	Flatwasher - 1	4
53	D-5487	Outside Washer - 1/2 OD x 3/16 ID	4
54	D10788	Inside Washer - 7/8 OD x 3/16 ID.....	4
55	W14504	Flatwasher - 1 1/2 OD	4
56	N17232	Flatwasher - 4 1/8 OD	2
57	N22778	Locknut - 1/4 w/Nylon Insert.....	8
58	W-514	Hex Nut - 3/8	10
59	D-5279	Locknut - 3/8 Serrated.....	4
60	M-3388	Locknut - 3/8 Unitorque.....	6
61	W-516	Hex Nut -1/2	4
62	F-3405	Locknut - 1/2 Unitorque.....	3
63	W-907	Cotter Pin - 5/32 x 3/4 Lg	2
64	W-535	Cotter Pin - 1/4 x 1 1/2 Lg	2
65	S-1303	Hex Bolt - 5/16 x 2 Lg.....	1
66	J12281	Spiral Pin - 5/16 x 2 Lg	2
67	W-131	Hair Pin - #9 - 0.148 x 3 5/16 Lg	1
68	N25764	Pop Rivet - 3/16 x 1/2 GRIP	4
69	S-752	Grease Fitting - 1/4 Straight	3
70	D-5278	Locknut - 5/16 Serrated.....	1
71	N19192	Bushing - 1 ID x 1 1/2 OD x 1/2 Lg	2
72	W-793	Flatwasher - 5/8	1
73	W-517	Hex Nut - 5/8	1
74	C-1472	Jam Nut - 5/8.....	1
75	N31775	Lock - Auger Arm.....	1
76	N31763	Handle.....	1
77	N15983	Spiral Pin - 5/16 x 1 1/2 Lg	1
78	N31774	Decal - Information - Auger Arm Lock (Not Shown)	1
79	N36128	Hex Bolt - 1/4 x 1 1/2 Lg.....	3
80	D-5277	Lock Nut - 1/4 Serrated Flange	3
	N34477	Reflector - AMBER (Not Shown)	2
	N19031	Decal - Information (Not Shown)	1
	N19032	Decal - Information (Not Shown)	1
	N19033	Decal - Danger (Not Shown)	1
	N19034	Decal - Danger (Not Shown)	1
	N19020	Decal - Caution (Not Shown).....	1
	N19778	Extendible Spout Assembly (Includes Items #21, 22, 23, 31, 38, 39, 47, 53, 54, 57 & 68)	
	N31768	Kit - Auger Arm Lock (Includes 36, 52, 66, 72, 73, 74, 75, 76, 77 & 78)	

Auger 7 Auger - 9252



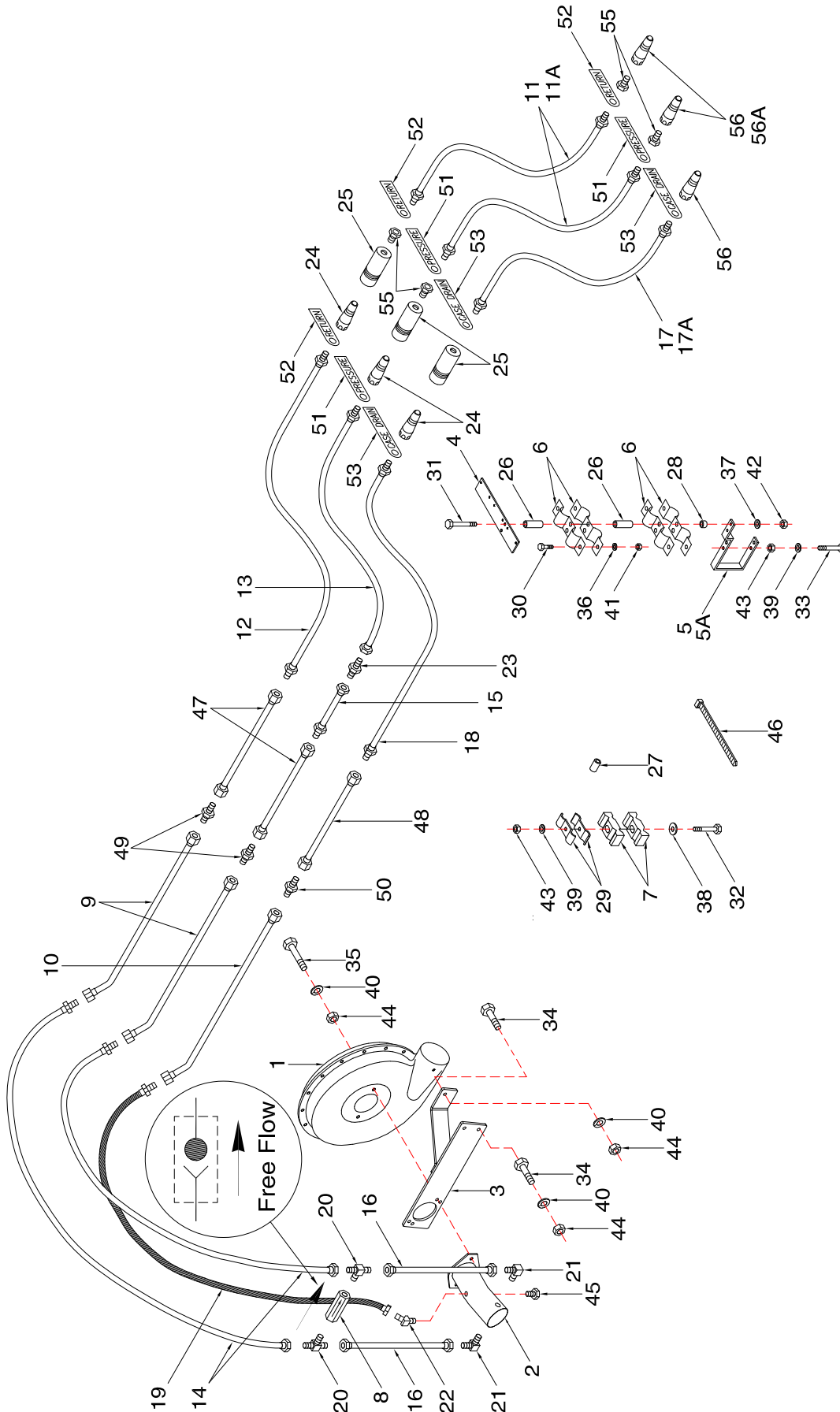
7 Auger - 9252						
Item	Part No.	Description	Qty	Item	Part No.	Description
1	N27659	Auger Housing - 7 x 222 Lg.....	1	42	W-493	Hex Bolt - 1/2 x 3 1/2 Lg.....
2	N25544	Flyteing - 7 x 219 1/2 Lg.....	1	43	S-1198	Flatwasher - 1/4.....
3	N21079	Brush Flyteing - (Not Shown)(Opt) Order thru Whole goods...	1	44	W-538	Flatwasher - 3/8.....
4	N27645	Auger Mount Bracket.....	1	45	W-793	Flatwasher - 5/8.....
5	N31772	Inner Auger Arm - 31 3/4.....	1	46	W-523	Lockwasher - 3/8.....
6	N31773	Outer Auger Arm - 31 3/4.....	1	47	W-525	Lockwasher - 1/2.....
7	N19784	Auger Hopper - 44.....	1	48	W-539	Washer - 17/32 ID x 1 3/8 OD x 12 Ga.....
8	N31020	Screen.....	1	49	D10803	Flatwasher - 1.....
9	N31019	Fine Screen (Not Shown) (Optional).....	1	50	D-5487	Outside Washer - 1/2 OD x 3/16 ID.....
10	N28915	Cradle - 7.....	1	51	D10788	Inside Washer - 7/8 OD x 3/16 ID.....
11	N33553	Handle w/Grip - Lock Arm Auger.....	1	52	W14504	Flatwasher - 1 1/2 OD.....
12	N32769	Grip for N33553.....	1	53	N17232	Flatwasher - 4 1/8 OD.....
13	N19737	Handle for N33553.....	1	54	N22778	Locknut - 1/4.....
14	N19736	Link.....	2	55	W-514	Hex Nut 3/8.....
15	N19195	Saddle - Auger Pivot.....	1	56	D-5279	Serrated Locknut - 3/8.....
16	N15982	Orbit Motor (Shaft N25319).....	1	57	M-3388	Locknut - 3/8 Unitorque.....
17	N16731	(Seal Kit serial numbers ending with -008 or -009 or -010).....	1	58	W-516	Hex Nut - 1/2.....
18	N48041	(Seal Kit serial numbers ending with -012).....	1	59	F-3405	Locknut - 1/2 Unitorque.....
19	N19480	Mount Plate.....	1	60	C-1472	Jam Nut - 5/8.....
20	N53205	Control Valve - w/7/8-14 FORB x 1 1/16-12 FORB.....	1	61	W-517	Hex Nut - 5/8.....
21	N22809	(Seal Kit N55676) (Handle N55677).....	1	62	W-907	Cotter Pin - 5/32 x 3/4 Lg.....
22	N21293	Bearing Support.....	1	63	W-535	Cotter Pin - 1/4 x 1 1/2 Lg.....
23	N21294	Strap - Upper - 3 1/2.....	1	64	S-1303	Hex Bolt - 5/16 x 2 Lg.....
24	N22802	Strap - Lower - 4 3/4.....	1	65	J12281	Spiral Pin - 5/16 x 2 Lg.....
25	N22802	Hose - Flex - 7 Dia x 12 Lg.....	1	66	W-131	Hairpin - #9 - 0.148 x 3 5/16 Lg.....
26	N22799	Auger Spout.....	1	67	N25764	Pop Rivet - 3/16 x 1/2 GRIP.....
27	N24421	Auger Spout - Extension.....	1	68	S-752	Grease Fitting - 1/4 Straight.....
28	N27755	Ladder - Auger Access.....	1	69	D-5278	Locknut - 5/16 Serrated.....
29	N27761	Wear Plate - Ladder.....	1	70	N31767	Pin - 1 x 7 21/32 (Current).....
30	N27705	Latch - Auger Screen - Lower.....	2	71	N31760	Lock - Auger Arm (Current).....
31	N27706	Latch - Auger Screen - Upper.....	2	72	N31763	Handle (Current).....
32	N27759	Bushing - 3/4 OD x 1 7/8 Lg.....	4	73	N15983	Spiral Pin - 5/16 x 1 1/2 Lg (Current).....
33	C22785	Bushing (Blue) - 1 5/8 OD x 3/4 Lg.....	1	74	N31774	Decal - Information (Not Shown).....
34	N15045	Spring - 0.59 OD x 1 1/4 Lg.....	2	75	N36128	Hex Bolt - 1/4 x 1 1/2 Lg.....
35	N19777	Tie Down Strap - 15 - Rubber.....	1	76	D-5277	Lock Nut - 1/4 Serrated Flange.....
36	N15462	Hose Clamp - 8 Dia.....	1		N34477	Reflector - AMBER (Not Shown).....
37	N19449	Seal Strip - 3/8 x 1 x 24 (Bulk/ft).....	1		N19031	Decal - Information (Not Shown).....
38	BW-8	Pin - 1/2 x 1 1/32 UL.....	2		N19032	Decal - Information (Not Shown).....
39	N19745	Lock Pin - 1/2 x 1 1/32 UL.....	1		N19033	Decal - Danger (Not Shown).....
40	N17217	Pin - 1 x 4 3/4 UL.....	1		N19034	Decal - Danger (Not Shown).....
41	N27700	Pin - Auger Pivot - 1 Dia.....	1		N19481	Spout Assembly (Includes Items 18, 19, 50, 51 & 67)
42	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	3		N19778	Extendible Spout Assembly (Optional)
43	W-470	Hex Bolt - 1/4 x 1 1/4 Lg.....	1			(Includes Items 18, 19, 20, 28, 35, 43, 50, 51, 54 & 67)
44	W-867	Hex Bolt - 3/8 x 3/4 Lg.....	10			Kit - Spout Extension (Optional)
45	W-475	Hex Bolt - 3/8 x 1 Lg.....	4			(Includes Items 20, 28, 35, 36, 43 & 54)
46	W-187	Hex Bolt - 3/8 x 1 1/4 Lg.....	8			Kit - Auger Arm Lock 7252
47	W-478	Hex Bolt - 3/8 x 2 Lg.....	2			(Includes 45, 49, 60, 61, 65, 72, 74, 75, 76, 77)
48	W-492	Hex Bolt - 1/2 x 3 Lg.....	1			

Section 9: Hydraulics - Ground Drive

Section Contents

Tow Behind Hydraulic Drive w/o Auger.....	9-2
Tow Behind Hydraulic Drive w/Auger.....	9-4
Tow Between Hydraulic Drive w/o Auger.....	9-7
Tow Between Hydraulic Drive w/Auger.....	9-8
Tow Between Implement Hydraulics.....	9-10

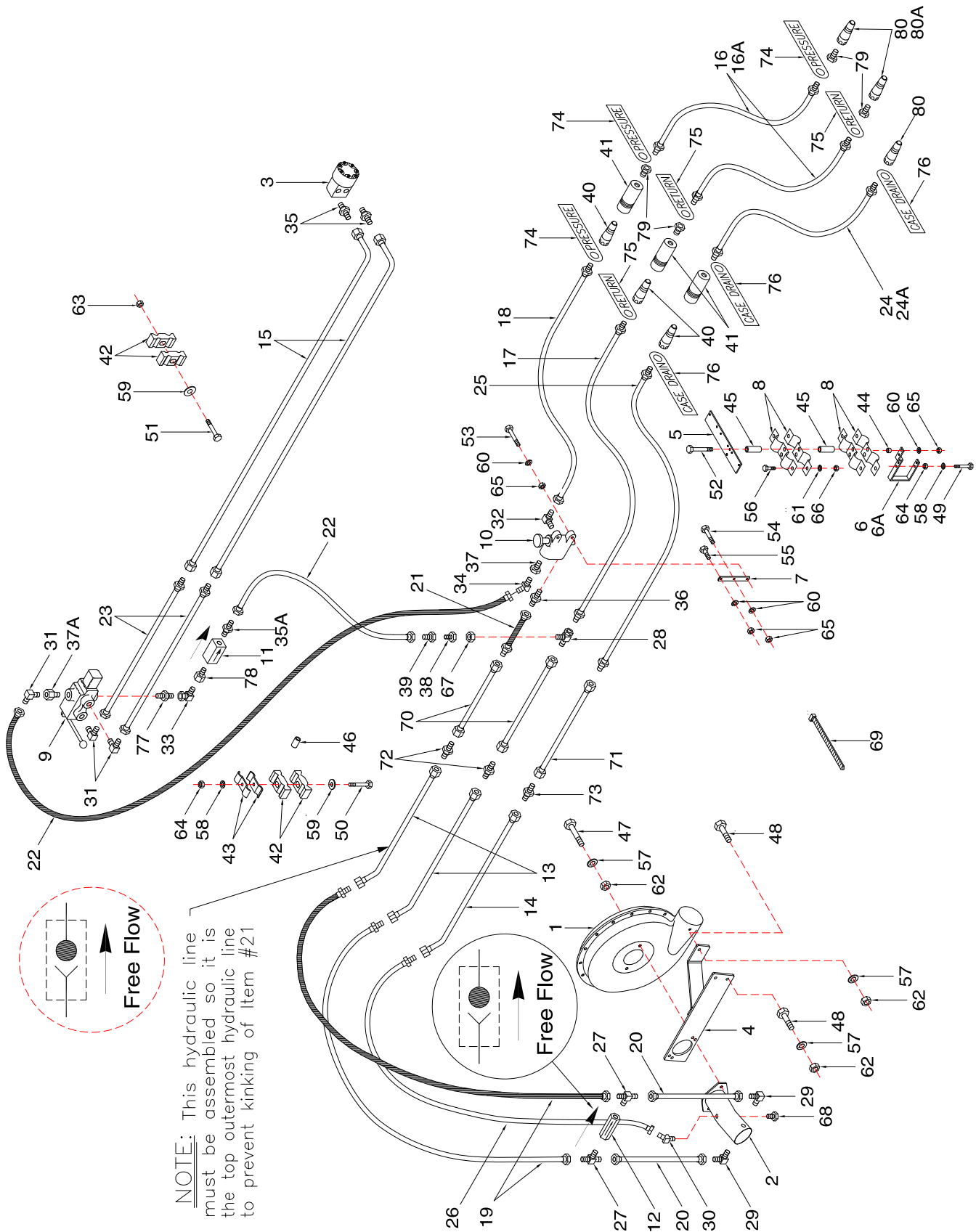
Fan & Auger Drives Tow Behind Hydraulic Drive w/o Auger



Fan & Auger Drives - Tow Behind Hydraulic Drive w/o Auger

Item	Part No.	Description	Qty
1	N16263	Fan (See Pg 7-2).....	1
2	N29372	Hydraulic Motor - Rexroth - 12cc (Seal Kit N25508) (Seal Only - N25507)	1
3	N19357	Fan Bracket - Tow Behind	1
	N32512	Fan Bracket - Tow Behind 9252 - Broadcast	1
4	N21690	Mount Bracket	1
5	N21691	Mount Bracket - 4	1
5A	N27589	Mount Bracket - 6	1
6	N16608	Pioneer Coupler Clamp	4
7	C-4698	Nylon Oil Line Clamp	4
8	N16399	Check Valve - 3 PSI - 1 1/16-12 MORB	1
9	N27601	Oil Line - 1 x 108 Lg w/45 Bend	2
10	N27602	Oil Line - 1/2 x 112 Lg w/45 Bend	1
11	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For: Maxim II - 49'-60' and Concepts)	2
11A	N37035	Hyd Hose - 3/4 x 348 Lg w/1 1/16-12 MORB (For: Maxim II - 34' - 39')	2
11B	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For 3 Frame C2 Contour Drills & 3 Frame RAZR) ...	2
11C	N44955	Hyd Hose - 3/4 x 456 Lg w/1 1/16-12 MORB (5-Frame Contour Air Drill)	2
12	N19344	Hyd Hose - 3/4 x 222 Lg w/1 5/16-12 MJIC x 1/2 MNPT	1
13	N19343	Hyd Hose - 3/4 x 210 Lg w/1 1/16-12 FJIC x 1/2 MNPT	1
14	N19434	Hyd Hose - 3/4 x 35 Lg w/15/16-12 MJIC x 11/16-12 FJIC	2
15	N19342	Hyd Hose - 3/4 x 12 Lg w/1 5/16-12 MJIC x 1 1/16-12 FJIC	1
16	N15991	Hyd Hose - 3/4 x 12 Lg w/1 1/16-12 FJIC	2
17	N36045	Hyd Hose - 3/8 x 396 Lg w/7/8-14 MORB (For: Maxim II - 49'-60' and Concepts)	1
17A	N36043	Hyd Hose - 3/8 x 348 Lg w/7/8-14 MORB (For: Maxim II - 34' - 39')	1
17B	N50099	Hyd Hose - 3/8 x 348 Lg w/7/8-14 FJIC (For 3 Frame C2 Contour Drills & 3 Frame RAZR)	1
17C	N44956	Hyd Hose - 3/8 x 456 Lg w/7/8-14 MORB (5-Frame Contour Air Drill)	1
18	N19346	Hyd Hose - 3/8 x 222 Lg w/3/4-16 MJIC x 1/2 MNPT	1
19	N19475	Hyd Hose - 3/8 x 48 Lg w/9/16-18 FJIC x 3/4-16 FJIC	1
20	N16388	Male Tee - (1) 1 1/16-12 ORB x (2) 1 1/16-12 MJIC	2
21	N16359	90 Male Elbow - 1 1/16-12 ORB x 1 1/16-12 MJIC	2
22	N19578	45 Male Elbow - 9/16-18 ORB x 9/16-18 MJIC	1
23	N19348	Connector - 1 1/16-12 MJIC	1
24	C-817	Male Pioneer Tip - 1/2 FNPT	3
25	N34488	1/2 Female Pioneer Coupler - 7/8-14 FORB	3
26	N19458	Spacer	4
27	N21632	Oil Line Spacer	1
28	N13901	Bushing - 5/8 OD x 3/8 ID x 3/8 Lg	2
29	D-4808	Oil Line Clamp	4
30	W-469	Hex Bolt - 1/4 x 3/4 Lg	4
31	S13337	Hex Bolt - 5/16 x 6 Lg	2
32	D-5249	Hex Bolt - 3/8 x 3 1/4 Lg	2
33	C-3918	Hex Bolt - 3/8 x 5 Lg	1
34	S-776	Hex Bolt - 1/2 x 1 1/2 Lg	3
35	S-1189	Hex Bolt - 1/2 x 1 3/4 Lg	2
36	W-521	Lockwasher - 1/4	4
37	W-522	Lockwasher - 5/16	2
38	W-538	Flatwasher - 3/8	2
39	W-523	Lockwasher - 3/8	3
40	W-525	Lockwasher - 1/2	5
41	W-512	Hex Nut - 1/4	4
42	W-513	Hex Nut - 5/16	2
43	W-514	Hex Nut - 3/8	3
44	W-516	Hex Nut - 1/2	5
45	N16621	Plug - 9/16-18 UNF ORB	1
46	D-4838	Tie Strap	10
47	N28659	Oil Line - 1 x 26 Lg 9240 / 9252 / 9300 ONLY	2
48	N28658	Oil Line - 1/2 x 26 Lg 9240 / 9252 / 9300 ONLY	1
49	N16346	Connector - 1 5/16-12 MJIC 9240 / 9252 / 9300 ONLY	2
50	N25754	Connector - 3/4-16 MJIC 9240 / 9252 / 9300 ONLY	1
51	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE	3
52	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN	3
53	N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN	3
54	N29373	Key - 6mm x 15 Lg (Not Shown)	1
	N19023	Decal - Danger "HOT" (Not Shown)	1
55	N37039	Connector - 1 1/16-12 FORB x 7/8-14 MORB	4
56	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB	3
56A	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB	2
	N69669	Kit-Hydraulic Tip Adapter -1/2 Male Pioneer (Includes 2 of items 55 and 56) This Optional Kit is to adapt 1/2 Male Pioneer Tips for units being coupled to tractors with 1/2 Ports. Note: It is recommended to use the 3/4 Male Pioneer Tips to obtain maximum Fan speed.	

Fan & Auger Drives Tow Behind Hydraulic Drive w/Auger



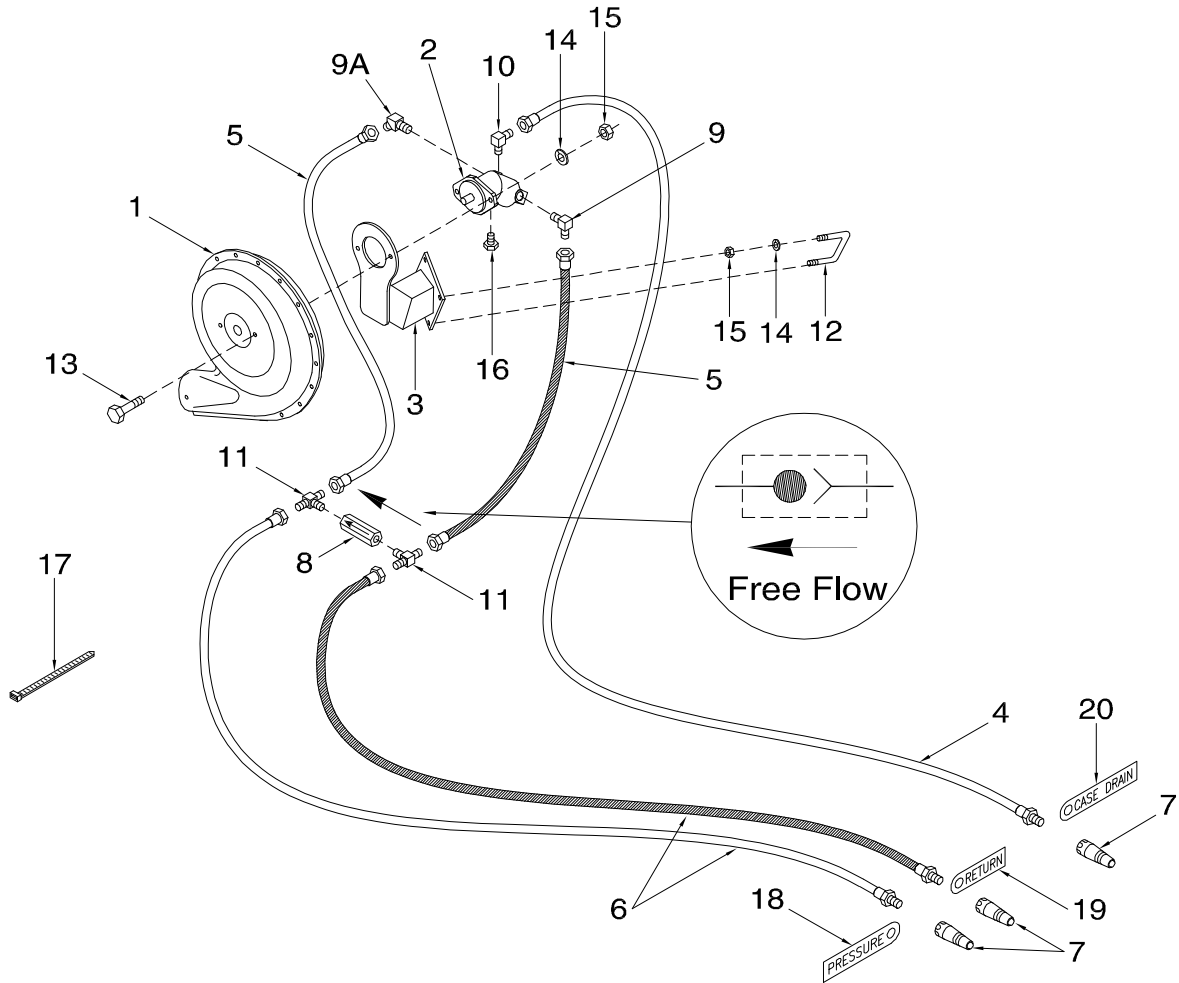
Fan & Auger Drives- Tow Behind Hydraulic Drive w/Auger

Item	Part No.	Description	Qty
1	N16263	Fan (See pg 7-2).....	1
2	N29372	Hydraulic Motor - Rexroth - 12cc (Seal Kit N25508) (Seal Only N25507)	1
3	N15982	Orbit Motor - 7" Auger..... (Shaft N25319)	1
	N25741	Orbit Motor - 8" Auger	1
	N16731	Seal Kit - serial numbers ending with -008 or -009 or -010)	
	N48041	Seal Kit - serial numbers ending with -012)	
4	N19357	Fan Bracket - Tow Behind.....	1
	N32512	Fan Bracket - Tow Behind 7252 - Broadcast	1
5	N21690	Mount Bracket.....	1
6	N21691	Mount Bracket - 4.....	1
6A	N27589	Mount Bracket - 6.....	1
7	N19713	Strap	1
8	N16608	Pioneer Coupler Clamp	4
9	N53205	Control Valve - w/7/8-14 FORB x 1 1/16-12 FORB (Seal Kit N55676) (Handle N55677)	1
10	N19340	Selector Valve - 3/4 FNPT (Seal Kit N31603) (Knob C26358)	1
11	N34494	Check Valve w/3/4-16 FORB.....	1
12	N16399	Check Valve - 3 PSI - 1 1/16-12 ORB.....	1
13	N27601	Oil Line - 1 x 108 Lg w/45 Bend	2
14	N27602	Oil Line - 1/2 x 112 Lg w/45 Bend	1
15	F-4560	Oil Line - 5/8 x 99 Lg w/90 Bend.....	2
16	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For: Maxim II - 49'-60' and Concepts).....	2
16A	N37035	Hyd Hose - 3/4 x 348 Lg w/1 1/16-12 MORB (For: Maxim II - 34' - 39')	2
16B	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For 3 Frame C2 Contour Drills & 3 Frame RAZR)	2
16C	N44955	Hyd Hose - 3/4 x 456 Lg w/1 1/16-12 MORB (5-Frame Contour Air Drill).....	2
17	N19344	Hyd Hose - 3/4 x 222 Lg w/1 5/16-12 MJIC x 1/2 MNPT	1
18	N19343	Hyd Hose - 3/4 x 210 Lg w/1 1/16-12 MJIC x 1/2 MNPT	1
19	N19434	Hyd Hose - 3/4 x 35 Lg w/1 5/16-12 MJIC x 1 1/16-12 FJIC	2
20	N15991	Hyd Hose - 3/4 x 12 Lg w/1 1/16-12 FJIC	2
21	N19342	Hyd Hose - 3/4 x 12 Lg w/1 5/16-12 MJIC x 1 1/16-12 FJIC.....	1
22	N19365	Hyd Hose - 1/2 x 140 Lg w/7/8-14 MJIC x 7/8-14 FJIC - Used on 9252 - 7" Auger.....	2
	N21721	Hyd Hose - 1/2 x 180 Lg w/7/8-14 MJIC x 7/8-14 FJIC - Used on - 8" Auger.....	2
23	C-4387	Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC	2
24	N36045	Hyd Hose - 3/8 x 396 Lg w/7/8-14 MORB (For: Maxim II - 49'-60' and Concepts)	1
24A	N36043	Hyd Hose - 3/8 x 348 Lg w/7/8-14 MORB (For: Maxim II - 34' - 39').....	1
24B	N50099	Hyd Hose - 3/8 x 348 Lg w/7/8-14 FJIC (For 3 Frame C2 Contour Drills & 3 Frame RAZR)	1
24C	N44956	Hyd Hose - 3/8 x 456 Lg w/7/8-14 MORB (5-Frame Contour Air Drill).....	1
25	N19346	Hyd Hose - 3/8 x 222 Lg w/3/4-16 MJIC x 1/2 MNPT	1
26	N19475	Hyd Hose - 3/8 x 48 Lg w/9/16-18 FJIC x 3/4-16 MJIC.....	1
27	N16388	Male Tee - (1) 1 1/16-12 ORB x (2) 1 1/16-12 MJIC	1
28	N19336	Swivel Tee - (1) 1 5/16-12 FJIC x (2) 1 5/16-12 MJIC.....	1
29	N16359	90 Elbow - 1 1/16-12 ORB x 1 1/16-12 MJIC	2
30	N19578	45 Elbow - 9/16-18 ORB x 9/16-18 MJIC	1
31	C15318	90 Elbow - 7/8-14 MJIC x 7/8-14 MORB.....	3
32	N19341	90 Elbow - 1 1/16-12 MJIC x 3/4 MNPT	1
33	K-5806	90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC	1
34	C-4402	45 Elbow - 1/2 MNPT x 7/8-14 MJIC	1
35	C-4399	Adapter - 1/2 MNPT x 7/8-14 MJIC	2
35A	C14840	Connector - 7/8-14 MJIC x 3/4-16 MORB	1
36	N19339	Adapter - 1 1/16-12 MJIC x 3/4 MNPT	1
37	N15032	Reducer - 3/4 MNPT x 1/2 FNPT	1
37A	N34499	Connector - 1 1/16-12 MORB x 7/8-14 FORB.....	1
38	N19338	Reducer - 1 1/16-12 MJIC	1
39	N19337	Reducer - 7/8-14 MJIC x 1 1/16-12 FJIC	1
40	C-817	Male Pioneer Tip - 1/2 FNPT	3
41	N34488	1/2 Female Pioneer Coupler - 7/8-14 FORB	3

Fan & Auger Drives- Tow Behind Hydraulic Drive w/Auger

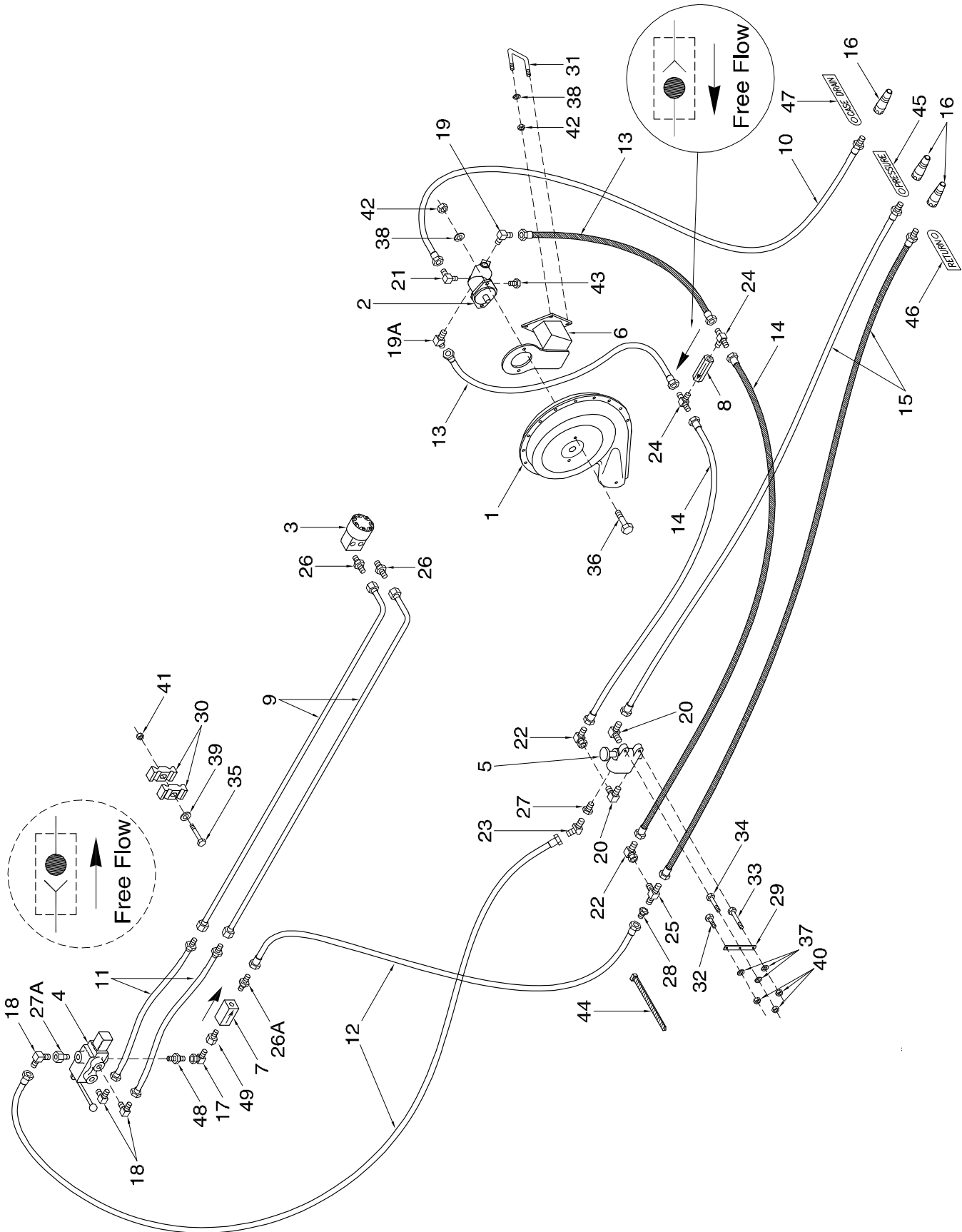
Item	Part No.	Description	Qty
42	C-4698	Nylon Oil Line Clamp	8
43	D-4808	Oil Line Clamp	4
44	N13901	Bushing - 5/8 OD x 3/8 ID x 3/8 Lg	2
45	N19458	Spacer.....	4
46	N21632	Oil Line Spacer	1
47	S-1189	Hex Bolt - 1/2 x 1 3/4 Lg.....	2
48	S-776	Hex Bolt - 1/2 x 1 1/2 Lg.....	3
49	C-3918	Hex Bolt - 3/8 x 5 Lg.....	1
50	D-5249	Hex Bolt - 3/8 x 3 1/4 Lg.....	2
51	W-479	Hex Bolt - 3/8 x 2 1/4 Lg.....	2
52	S13337	Hex Bolt - 5/16 x 6 Lg.....	2
53	S-1303	Hex Bolt - 5/16 x 2 Lg.....	1
54	C-3035	Hex Bolt - 5/16 x 1 3/4 Lg.....	1
55	F-1767	Hex Bolt - 5/16 x 3/4 Lg.....	1
56	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	4
57	W-525	Lockwasher - 1/2.....	6
58	W-523	Lockwasher - 3/8.....	3
59	W-538	Flatwasher - 3/8.....	4
60	W-522	Lockwasher - 5/16.....	5
61	W-521	Lockwasher - 1/4.....	4
62	W-516	Hex Nut - 1/2.....	6
63	D-5279	Serrated Locknut - 3/8.....	2
64	W-514	Hex Nut - 3/8.....	3
65	W-513	Hex Nut - 5/16.....	5
66	W-512	Hex Nut - 1/4.....	4
67	N19432	Nut - 1 5/16-12 JIC.....	1
68	N16621	Plug - 9/16-18 UNF ORB	1
69	D-4838	Tie Strap.....	15
70	N28659	Oil Line - 1 x 26 Lg 7240 / 7252 / 7300 ONLY	2
71	N28658	Oil Line - 1/2 x 26 Lg 7240 / 7252 / 7300 ONLY	1
72	N16346	Conector - 1 5/16-12 MJIC 7240 / 7252 / 7300 ONLY	2
73	N25754	Conector - 3/4-16 MJIC 7240 / 7252 / 7300 ONLY	1
74	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE	3
75	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN	3
76	N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN	3
77	N47903	Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....	1
78	N49460	Connector - 3/4-16 MORB x 7/8-14 FJIC.....	1
79	N37039	Connector - 1 1/16-12 FORB x 7/8-14 MORB.....	4
80	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB.....	3
80A	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB	2
	N69669	Kit-Hydraulic Tip Adapter -1/2 Male Pioneer (Includes 2 of items 79 and 80) This Optional Kit is to adapt 1/2 Male Pioneer Tips for units being coupled to tractors with 1/2 Ports. Note: It is recommended to use the 3/4 Male Pioneer Tips to obtain maximum Fan speed.	
	N19031	Decal - "AUGER FAN" (Not Shown)	1
	N19023	Decal - Danger "HOT" (Not Shown)	1

Fan & Auger Drives Tow Between Hydraulic Drive w/o Auger



Item	Part No.	Description	Qty
1	N16263	Fan (See pg 7-2).....	1
2	N29372	Hydraulic Motor - Rexroth - 12cc	1
	N25508	Seal Kit for Rexroth Motors (Seal Only - N25507)	
3	N31033	Fan Mount Bracket 9240 / 9300	1
	N31542	Fan Mount Bracket 9252	1
	N33198	Fan Mount Bracket 9252 - Broadcast.....	1
4	N16181	Hyd Hose - 3/8 x 156 Lg w/9/16-18 FJIC x 1/2 MNPT	1
5	N25644	Hyd Hose - 3/4 x 35 Lg w/1 1/16-12 FJIC	2
6	N16454	Hyd Hose - 3/4 x 130 Lg w/1 1/16-12 FJIC x 1/2 MNPT	2
7	C-817	Male Pioneer Tip - 1/2 FNPT	3
8	N16399	Check Valve	1
9	N16359	90 Male Elbow - 1 1/16-12 MJIC x 1 1/16-12 MORB	1
9A	N31096	45 Male Elbow - 1 1/16-12 MJIC x 1 1/16-12 MORB	1
10	N16143	90 Male Elbow - 9/16-18 MJIC x 9/16-18 MORB	1
11	N16388	Male Tee - (2) 1 1/16-12 MJIC x (1) 1 1/16-12 MORB	2
12	N31034	U-Bolt - 1/2 x 8 1/16 x 5 1/16	2
13	S-1189	Hex Bolt - 1/2 x 1 3/4 Lg.....	2
14	W-525	Lockwasher - 1/2.....	6
15	W-516	Hex Nut - 1/2.....	6
16	N16621	Plug - 9/16-18 UNF MORB	1
17	D-4838	Nylon Tie Strap (black) - 14 1/2 Lg	4
18	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE	1
19	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN	1
20	N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN	1
	N19023	Decal - Danger "HOT" (Not Shown)	1

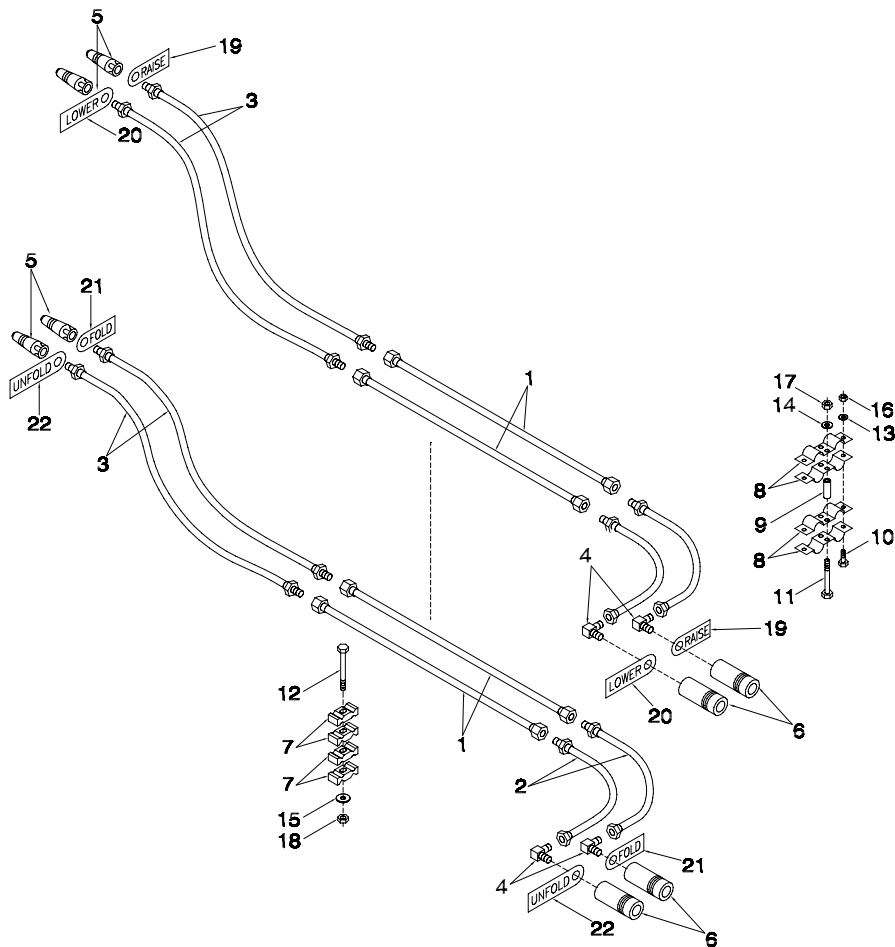
Fan & Auger Drives Tow Between Hydraulic Drive w/Auger



Fan & Auger Drives - Tow Between Hydraulic Drive w/Auger

Item	Part No.	Description	Qty
1	N16263	Fan (See pg 7-2)	1
2	N29372	Hydraulic Motor - Rexroth - 12cc.....	1
	N25508	Seal Kit for Rexroth Motors	
	N25507	Seal Only for Rexroth Motors	
3	N15982	Orbit Motor - 7" Auger (Shaft N25319)	1
	N25741	Orbit Motor - 8" Auger	1
	N16731	Seal Kit - serial numbers ending with -008 or -009 or -010)	
	N48041	Seal Kit - serial numbers ending with -012)	
4	N53205	Control Valve - w/7/8-14 FORB x 1 1/16-12 FORB (Seal Kit N55676) (Handle N55677).....	1
5	N19340	Selector Valve - 3/4 FNPT	1
	N31603	Seal Kit for N19340	
	C26358	Knob for N19340	
6	N31033	Fan Mount Bracket - 9240 / 9300	1
	N31542	Fan Mount Bracket - 9252	1
	N33198	Fan Mount Bracket 9252 - Broadcast	1
7	N34494	Check Valve w/3/4-16 FORB	1
8	N16399	Check Valve - 0 PSI - 1 1/16-12 ORB	1
9	F-4560	Oil Line - 5/8 x 99 Lg w/90 Bend	2
10	N16181	Hyd Hose - 3/8 x 156 Lg w/9/16-18 FJIC x 1/2 MNPT.....	1
11	C-4387	Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC	2
12	C26343	Hyd Hose - 1/2 x 162 Lg w/7/8-14 MJIC x 7/8-14 FJIC - 9252	2
	N21721	Hyd Hose - 1/2 x 180 Lg w/7/8-14 MJIC x 7/8-14 FJIC - 9240 / 9300	2
13	N25644	Hyd Hose - 3/4 x 35 Lg w/1 1/16-12 FJIC	2
14	N25644	Hyd Hose - 3/4 x 35 Lg w/1 1/16-12 FJIC	2
15	N16454	Hyd Hose - 3/4 x 130 w/1 1/16-12 FJIC x 1/2 MNPT	2
16	C-817	Male Pioneer Tip - 1/2 FNPT.....	3
17	K-5806	90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC	1
18	C15318	90 Elbow - 7/8-14 MJIC x 7/8-14 MORB.....	3
19	N16359	90 Male Elbow - 1 1/16-12 MJIC x 1 1/16-12 ORB	1
19A	N31096	45 Male Elbow - 1 1/16-12 MJIC x 1 1/16-12 ORB	1
20	N19341	90 Male Elbow - 1 1/16-12 MJIC x 3/4 MNPT	2
21	N16143	90 Male Elbow - 9/16-18 MJIC x 9/16-18 ORB	1
22	N21189	90 Male Elbow - 1 1/16-12 MJIC x 1 1/16-12 FJIC	2
23	C-4402	45 Male Elbow - 7/8-14 MJIC x 1/2 MNPT	1
24	N16388	Male Tee - (2) 1 1/16-12 JIC x (1) 1 1/16-12 ORB.....	2
25	N19549	Male Tee - (3) 1 1/16-12 JIC.....	1
26	C-4399	Connector - 7/8-14 MJIC x 1/2 MNPT.....	2
26A	C14840	Connector - 7/8-14 MJIC x 3/4-16 MORB.....	1
27	N15032	Reducer - 3/4 MNPT x 1/2 FNPT	1
27A	N34499	Connector - 1 1/16-12 MORB x 7/8-14 FORB	1
28	N19337	Reducer - 7/8-14 MJIC x 1 1/16-12 FJIC.....	1
29	N19713	Strap	1
30	C-4698	Nylon Oil Line Clamp.....	4
31	N31034	U-Bolt - 1/2 x 8 1/16 x 5 1/16	2
32	F-1767	Hex Bolt - 5/16 x 3/4 Lg	1
33	C-3035	Hex Bolt - 5/16 x 1 3/4 Lg	1
34	S-1303	Hex Bolt - 5/16 x 2 Lg	1
35	W-479	Hex Bolt - 3/8 x 2 1/4 Lg	2
36	S-1189	Hex Bolt - 1/2 x 1 3/4 Lg	2
37	W-522	Lockwasher - 5/16	3
38	W-525	Lockwasher - 1/2	6
39	W-538	Flatwasher - 3/8.....	2
40	W-513	Hex Nut - 5/16.....	3
41	D-5279	Serrated Locknut - 3/8	2
42	W-516	Hex Nut - 1/2.....	6
43	N16621	Plug - 9/16-18 UNF ORB	1
44	D-4838	Nylon Tie Strap (black) - 14 1/2 Lg	4
45	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE.....	1
46	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN.....	1
47	N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN.....	1
48	N47903	Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....	1
49	N49460	Connector - 3/4-16 MORB x 7/8-14 FJIC	1
	N19023	Decal - "Hot" (Not Shown).....	1
	N19031	Decal - "Auger - Fan" (Not Shown).....	1

Fan & Auger Drives Tow Between Implement Hydraulics



Item	Part No.	Description	Qty
1	C-4367	Oil Line - 5/8 x 80 Lg 7180	4
	C-4369	Oil Line - 5/8 x 96 Lg 7240 / 7252	4
2	C-4385	Hyd Hose - 1/2 x 24 Lg w/7/8-14 MJIC x 7/8-14 FJIC	4
3	N19548	Hyd Hose - 1/2 x 132 Lg w/7/8-14 MJIC x 1/2 MNPT	4
4	C-4400	90 Elbow - 7/8-14 MJIC x 1/2 MNPT	4
5	C-817	Male Pioneer Tip - 1/2 FNPT	4
6	C-818	Pioneer Coupler - 1/2 FNPT	4
7	C-4698	Nylon Oil Line Clamp	8
8	N16608	Coupler Clamp - Female Pioneer	4
9	N19458	Spacer - 2	2
10	W-469	Hex Bolt - 1/4 x 3/4 Lg	4
11	N28332	Hex Bolt - 5/16 x 3 1/2 Lg	2
12	C-1550	Hex Bolt - 3/8 x 4 Lg	2
13	W-521	Lockwasher - 1/4	4
14	W-522	Lockwasher - 5/16	2
15	W-538	Flatwasher - 3/8	2
16	W-512	Hex Nut - 1/4	4
17	W-513	Hex Nut - 5/16	2
18	M-3388	Locknut - 3/8 Unitorque	2
19	S29958	Tag - Hose ID - Depth Control - RAISE	2
20	S29959	Tag - Hose ID - Depth Control - LOWER	2
21	S29960	Tag - Hose ID - Wing Lift - FOLD	2
22	S29961	Tag - Hose ID - Wing Lift - UNFOLD	2

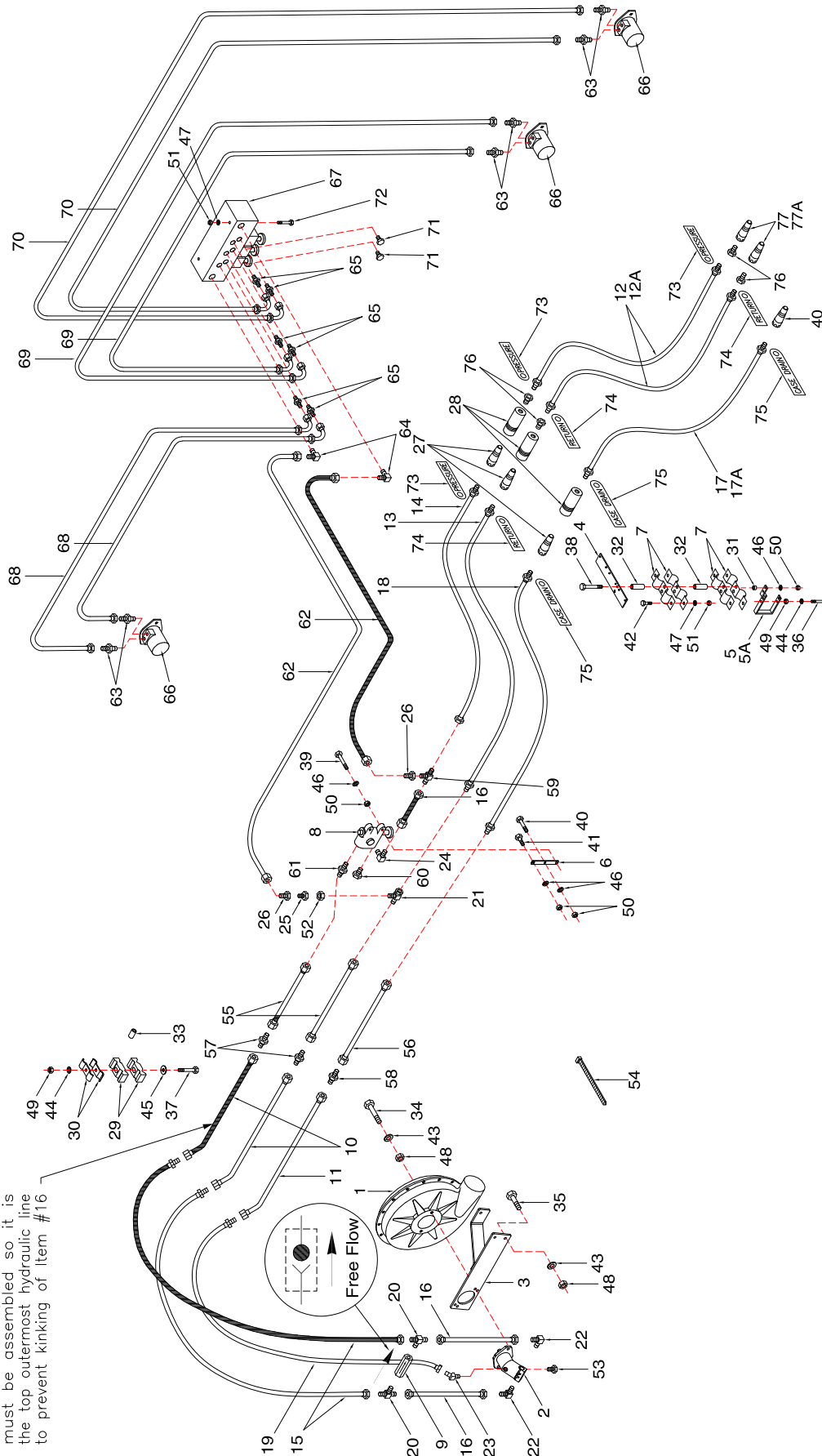
Section 10: Hydraulics - Variable Rate

Section Contents

Tow Behind Hydraulics w/o Auger	10-2
Tow Behind Hydraulics w/Auger	10-4
Tow Between Hydraulics w/o Auger	10-6
Tow Between Hydraulics w/Auger	10-8
Valve Manifold - 3 Bank.....	10-10
Valve Manifold Mounting	10-11

Variable Rate System Tow Behind Hydraulics w/o Auger

NOTE: This hydraulic line must be assembled so it is the top outermost hydraulic line to prevent kinking of Item #16



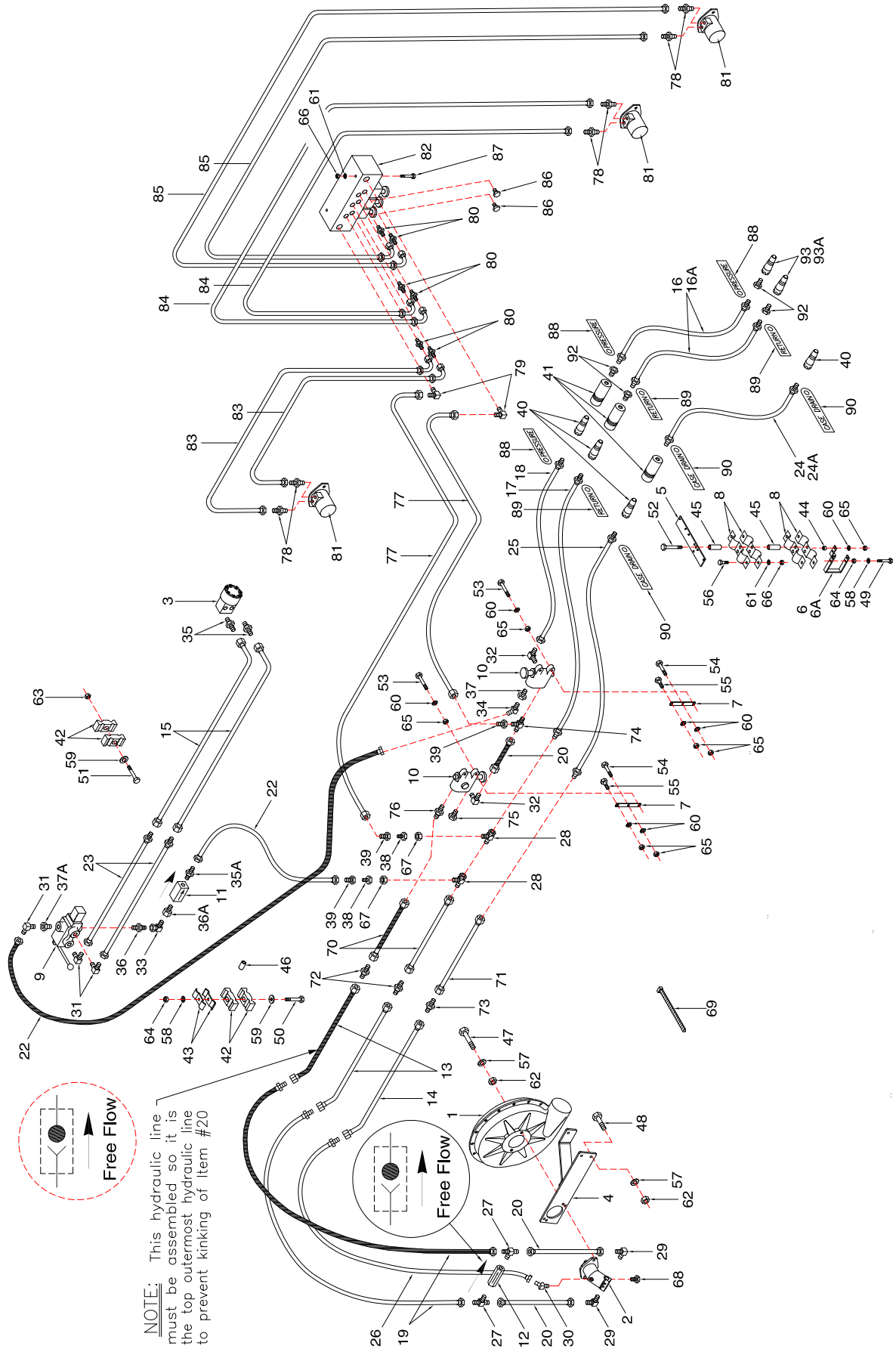
Variable Rate System - Tow Behind Hydraulics w/o Auger

Item	Part No.	Description	Qty
1	N16263	Fan (See pg 7-2).....	1
2	N29372	Hydraulic Motor - Rexroth - 12cc (N25508 - Seal Kit) (N25507 Seal Only)	1
3	N19357	Fan Mount Bracket	1
4	N21690	Mount Bracket	1
5	N21691	Mount Bracket - 4	1
5A	N27589	Mount Bracket - 6	1
6	N19713	Strap	1
7	N16608	Pioneer Coupler Clamp.....	4
8	N19340	Selector Valve - 3/4 FNPT (N31603 Seal Kit) (N31604 O-Ring) (C26358 Knob)	1
9	N16399	Check Valve - 3 PSI - 1 1/16-12 ORB.....	1
10	N27601	Oil Line - 1 x 108 Lg w/45 Bend	2
11	N27602	Oil Line - 1/2 x 112 Lg w/45 Bend	1
12	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For: Maxim II - 49'-60' and Concepts).....	2
12A	N37035	Hyd Hose - 3/4 x 348 Lg w/1 1/16-12 MORB (For: Maxim II - 34' - 39')	2
12B	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For 3 Frame C2 Contour Drills & 3 Frame RAZR) ...	2
12C	N44955	Hyd Hose - 3/4 x 456 Lg w/1 1/16-12 MORB (5-Frame Contour Air Drill).....	2
13	N19344	Hyd Hose - 3/4 x 222 Lg w/1 5/16-12 MJIC x 1/2 MNPT	1
14	N19343	Hyd Hose - 3/4 x 210 Lg w/1 1/16-12 MJIC x 1/2 MNPT.....	1
15	N19434	Hyd Hose - 3/4 x 35 Lg w/1 5/16-12 MJIC x 1 1/16-12 FJIC	2
16	N15991	Hyd Hose - 3/4 x 12 Lg w/1 1/16-12 FJIC	3
17	N36045	Hyd Hose - 3/8 x 396 Lg w/7/8-14 MORB (For: Maxim II - 49'-60' and Concepts)	1
17A	N36043	Hyd Hose - 3/8 x 348 Lg w/7/8-14 MORB (For: Maxim II - 34' - 39')	1
17B	N50099	Hyd Hose - 3/8 x 348 Lg w/7/8-14 FJIC (For 3 Frame C2 Contour Drills & 3 Frame RAZR)	1
17C	N44956	Hyd Hose - 3/8 x 456 Lg w/7/8-14 MORB (5-Frame Contour Air Drill)	1
18	N19346	Hyd Hose - 3/8 x 222 Lg w/3/4-16 MJIC x 1/2 MNPT	1
19	N19475	Hyd Hose - 3/8 x 48 Lg w/9/16-18 FJIC x 3/4-16 MJIC.....	1
20	N16388	Male Tee - (1) 1 1/16-12 ORB x (2) 1 1/16-12 MJIC	2
21	N19336	Swivel Tee - (1) 1 5/16-12 FJIC x (2) 1 5/16-12 MJIC.....	1
22	N16359	90 Elbow - 1 1/16-12 ORB x 1 1/16-12 MJIC	2
23	N19578	45 Elbow - 9/16-18 ORB x 9/16-18 MJIC	1
24	N19341	90 Elbow - 1 1/16-12 MJIC x 3/4 MNPT	1
25	N19338	Reducer - 1 1/16-12 MJIC	1
26	N19337	Reducer - 7/8-14 MJIC x 1 1/16-12 FJIC	2
27	C-817	Male Pioneer Tip - 1/2 FNPT.....	3
28	N34488	1/2 Female Pioneer Coupler - 7/8-14 FORB	3
29	C-4698	Nylon Oil Line Clamp	4
30	D-4808	Oil Line Clamp	4
31	N13901	Bushing - 5/8 OD x 3/8 ID x 3/8 Lg	2
32	N19458	Spacer.....	4
33	N21632	Oil Line Spacer	2
34	S-1189	Hex Bolt - 1/2 x 1 3/4 Lg.....	2
35	S-776	Hex Bolt - 1/2 x 1 1/2 Lg.....	3
36	C-3918	Hex Bolt - 3/8 x 5 Lg.....	1
37	D-5249	Hex Bolt - 3/8 x 3 1/4 Lg.....	2
38	S13337	Hex Bolt - 5/16 x 6 Lg.....	2
39	S-1303	Hex Bolt - 5/16 x 2 Lg.....	1
40	C-3035	Hex Bolt - 5/16 x 1 3/4 Lg.....	1
41	F-1767	Hex Bolt - 5/16 x 3/4 Lg.....	1
42	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	4
43	W-525	Lockwasher - 1/2.....	5
44	W-523	Lockwasher - 3/8.....	3
45	W-538	Flatwasher - 3/8	2
46	W-522	Lockwasher - 5/16.....	5
47	W-521	Lockwasher - 1/4.....	6
48	W-516	Hex Nut - 1/2	5

Variable Rate System - Tow Behind Hydraulics w/o Auger

Item	Part No.	Description	Qty
49	W-514	Hex Nut - 3/8	3
50	W-513	Hex Nut - 5/16	5
51	W-512	Hex Nut - 1/4	6
52	N19432	Nut - 1 5/16-12 JIC	1
53	N16621	Plug - 9/16-18 ORB	1
54	D-4838	Tie Strap	15
55	N28659	Oil Line - 1 x 26 Lg 9240 / 9252 / 9300 ONLY	2
56	N28658	Oil Line - 1/2 x 26 Lg 9240 / 9252 / 9300 ONLY	1
57	N16346	Conector - 1 5/16-12 MJIC 9240 / 9252 / 9300 ONLY	2
58	N25754	Conector - 3/4-16 MJIC 9240 / 9252 / 9300 ONLY	1
59	N19549	Tee - (3) 1 1/16-12 MJIC	1
60	N29357	Plug - 3/4 MNPT	1
61	N29349	Connector - 1 5/16-12 MJIC x 3/4 MNPT	1
62	N19345	Hyd Hose - 1/2 x 132 LGg w/7/8-14 FJIC 9240 / 9300	2
63	N29359	Connector - 3/4-16 MJIC x 7/8-14 ORB	6
64	N29360	90 Elbow - 7/8-14 MJIC x 7/8-14 ORB	2
65	N29358	Connector - 9/16-18 MJIC x 9/16-18 ORB	6
66	*****	Hydraulic Motor - See Page 10-14	3
67	N45505	Valve Manifold Assembly (See Pg. 1012)	1
68	N29363	Hyd Hose - 3/8 x 60 Lg w/3/4-16 FJIC	2
69	N29361	Hyd Hose - 3/8 x 36 Lg w/3/4-16 FJIC	2
70	N29364	Hyd Hose - 3/8 x 72 Lg w/3/4-16 FJIC 9240 / 9300	2
	N31625	Hyd Hose - 3/8 x 84 Lg w/3/4-16 FJIC 9252	2
71	N29365	Plug - 9/16-18 ORB	2
72	W-1847	Hex Bolt - 1/4 x 5 Lg	2
73	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE	3
74	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN	3
75	N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN	3
76	N37039	Connector - 1 1/16-12 FORB x 7/8-14 MORB	4
77	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB	3
77A	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB	2
	N69669	Kit-Hydraulic Tip Adapter -1/2 Male Pioneer (Includes 2 of items 76 and 77) This Optional Kit is to adapt 1/2 Male Pioneer Tips for units being coupled to tractors with 1/2 Ports. Note: It is recommended to use the 3/4 Male Pioneer Tips to obtain maximum Fan speed.	
	N19023	Decal - "Hot" (Not Shown)	1
	N19031	Decal - "Auger - Fan" (Not Shown)	1
	N29354	Decal - "Calibration - Fan" (Not Shown)	1

Variable Rate System Tow Behind Hydraulics w/Auger



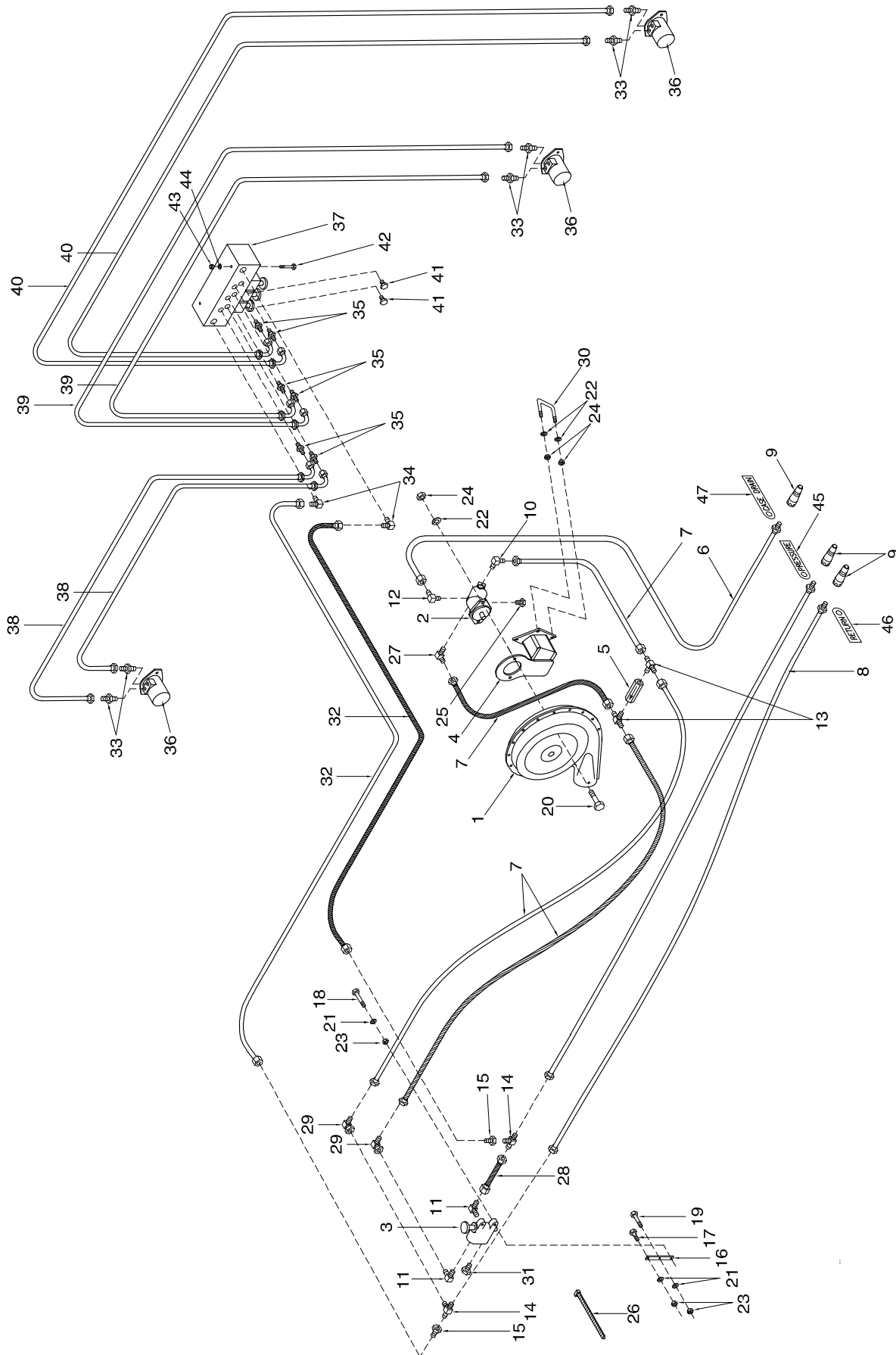
Variable Rate System - Tow Behind Hydraulics w/Auger

Item	Part No.	Description	Qty
1	N16263	Fan (See pg. 7-2).....	1
2	N29372	Hydraulic Motor - Rexroth - 12cc (N25508 - Seal Kit) (N25507 Seal Only).....	1
3	N15982	Orbit Motor (N16731 Seal Kit) (N25319 Shaft).....	1
4	N19357	Fan Mount Bracket.....	1
5	N21690	Mount Bracket.....	1
6	N21691	Mount Bracket - 4.....	1
6A	N27589	Mount Bracket - 6.....	1
7	N19713	Strap.....	2
8	N16608	Pioneer Coupler Clamp.....	4
9	N53205	Control Valve - w/7/8-14 FORB x 1 1/16-12 FORB (Seal Kit N55676) (Handle N55677).....	1
10	N19340	Selector Valve - 3/4 FNPT (N31603 Seal Kit) (N31604 O-Ring) (C26358 Knob).....	2
11	N34494	Check Valve w/3/4-16 FORB.....	1
12	N16399	Check Valve - 3 PSI - 1 1/16-12 ORB.....	1
13	N27601	Oil Line - 1 x 108 Lg w/45 Bend.....	2
14	N27602	Oil Line - 1/2 x 112 Lg w/45 Bend.....	1
15	F-4560	Oil Line - 5/8 x 99 Lg w/90 Bend.....	2
16	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For: Maxim II - 49'-60' and Concepts).....	2
16A	N37035	Hyd Hose - 3/4 x 348 Lg w/1 1/16-12 MORB (For: Maxim II - 34' - 39').....	2
16B	N37036	Hyd Hose - 3/4 x 396 Lg w/1 1/16-12 MORB (For 3 Frame C2 Contour Drills & 3 Frame RAZR) ...	2
16C	N44955	Hyd Hose - 3/4 x 456 Lg w/1 1/16-12 MORB (5-Frame Contour Air Drill).....	2
17	N19344	Hyd Hose - 3/4 x 222 Lg w/1 5/16-12 MJIC x 1/2 MNPT.....	1
18	N19343	Hyd Hose - 3/4 x 210 Lg w/1 1/16-12 MJIC x 1/2 MNPT.....	1
19	N19434	Hyd Hose - 3/4 x 35 Lg w/1 5/16-12 MJIC x 1 1/16-12 FJIC.....	2
20	N15991	Hyd Hose - 3/4 x 12 Lg w/1 1/16-12 FJIC.....	3
22	N19365	Hyd Hose - 1/2 x 140 Lg w/7/8-14 MJIC x 7/8-14 FJIC Used on 9252.....	2
	N21721	Hyd Hose - 1/2 x 180 Lg w/7/8-14 MJIC x 7/8-14 FJIC Used on 9240 / 9300.....	2
23	C-4387	Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC.....	2
24	N36045	Hyd Hose - 3/8 x 396 Lg w/7/8-14 MORB (For: Maxim II - 49'-60' and Concepts).....	1
24A	N36043	Hyd Hose - 3/8 x 348 Lg w/7/8-14 MORB (For: Maxim II - 34' - 39').....	1
24B	N50099	Hyd Hose - 3/8 x 348 Lg w/7/8-14 FJIC (For 3 Frame C2 Contour Drills & 3 Frame RAZR).....	1
24C	N44956	Hyd Hose - 3/8 x 456 Lg w/7/8-14 MORB (5-Frame Contour Air Drill).....	1
25	N19346	Hyd Hose - 3/8 x 222 Lg w/3/4-16 MJIC x 1/2 MNPT.....	1
26	N19475	Hyd Hose - 3/8 x 48 Lg w/9/16-18 FJIC x 3/4-16 MJIC.....	1
27	N16388	Male Tee - (1) 1 1/16-12 ORB x (2) 1 1/16-12 MJIC.....	2
28	N19336	Swivel Tee - (1) 1 5/16-12 FJIC x (2) 1 5/16-12 MJIC.....	2
29	N16359	90 Elbow - 1 1/16-12 ORB x 1 1/16-12 MJIC.....	2
30	N19578	45 Elbow - 9/16-18 ORB x 9/16-18 MJIC.....	1
31	C15318	90 Elbow - 7/8-14 MJIC x 7/8-14 MORB.....	3
32	N19341	90 Elbow - 1 1/16-12 MJIC x 3/4 MNPT.....	2
33	K-5806	90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC.....	1
34	C-4402	45 Elbow - 1/2 MNPT x 7/8-14 MJIC.....	1
35	C-4399	Connector - 1/2 MNPT x 7/8-14 MJIC.....	2
35A	C14840	Connector - 7/8-14 MJIC x 3/4-16 MORB.....	1
36	N47903	Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB.....	1
36A	N49460	Connector - 3/4-16 MORB x 7/8-14 FJIC.....	1
37	N15032	Connector - 3/4 MNPT x 1/2 FNPT.....	1
37A	N34499	Connector - 1 1/16-12 MORB x 7/8-14 FORB.....	1
38	N19338	Reducer - 1 1/16-12 MJIC x 1 5/16-12 FJIC.....	2
39	N19337	Reducer - 7/8-14 MJIC x 1 1/16-12 FJIC.....	3
40	C-817	Male Pioneer Tip - 1/2 FNPT.....	6
41	N34488	1/2 Female Pioneer Coupler - 7/8-14 FORB.....	3
42	C-4698	Nylon Oil Line Clamp.....	8
43	D-4808	Oil Line Clamp.....	4
44	N13901	Bushing - 5/8 OD x 3/8 ID x 3/8 Lg.....	2
45	N19458	Spacer.....	4
46	N21632	Oil Line Spacer.....	2
47	S-1189	Hex Bolt - 1/2 x 1 3/4 Lg.....	2
48	S-776	Hex Bolt - 1/2 x 1 1/2 Lg.....	3
49	C-3918	Hex Bolt - 3/8 x 5 Lg.....	1
50	D-5249	Hex Bolt - 3/8 x 3 1/4 Lg.....	2

Variable Rate System - Tow Behind Hydraulics w/Auger

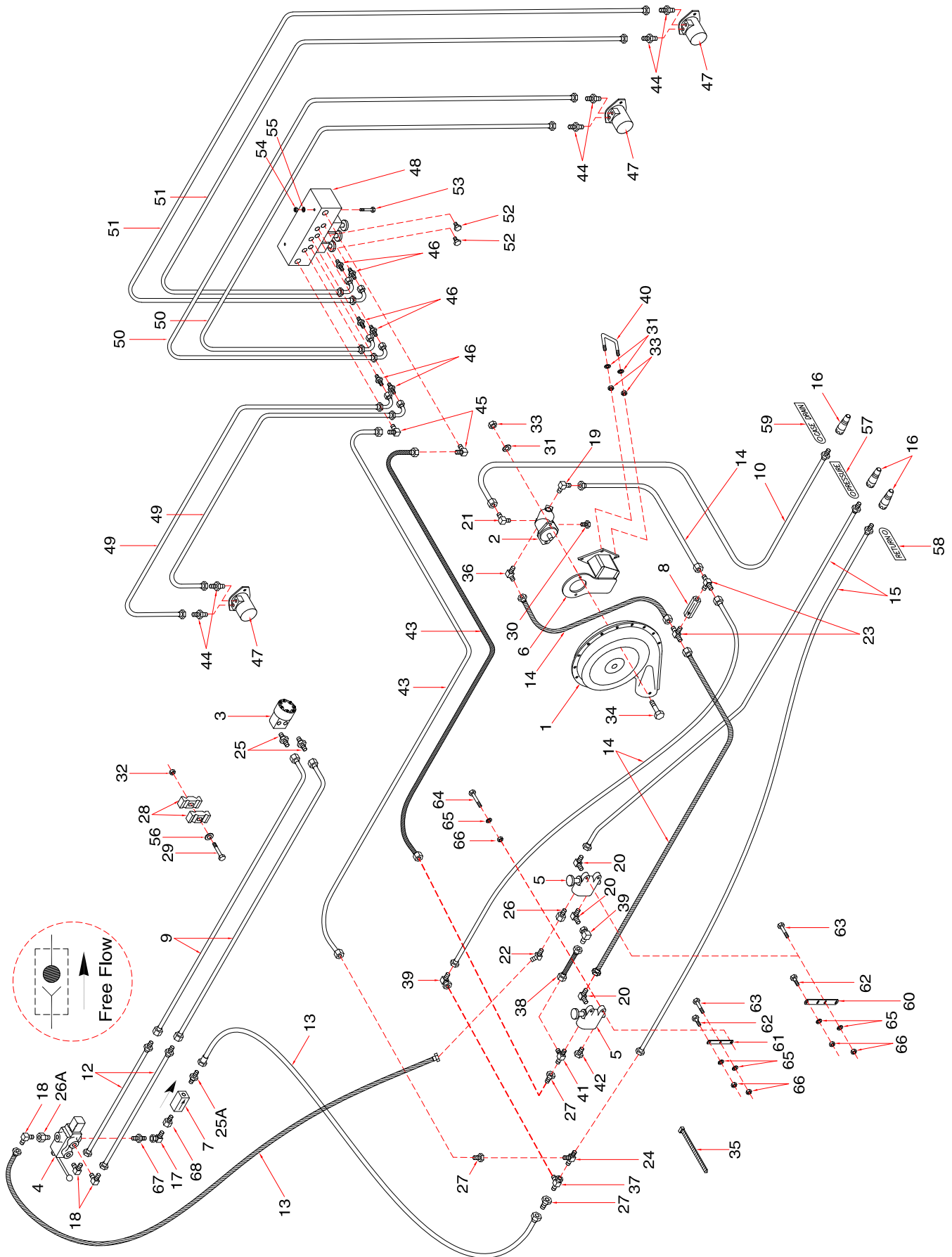
Item	Part No.	Description	Qty
51	W-479	Hex Bolt - 3/8 x 2 1/4 Lg.....	2
52	S13337	Hex Bolt - 5/16 x 6 Lg.....	2
53	S-1303	Hex Bolt - 5/16 x 2 Lg.....	2
54	C-3035	Hex Bolt - 5/16 x 1 3/4 Lg.....	2
55	F-1767	Hex Bolt - 5/16 x 3/4 Lg.....	2
56	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	4
57	W-525	Lockwasher - 1/2.....	5
58	W-523	Lockwasher - 3/8.....	3
59	W-538	Flatwasher - 3/8.....	4
60	W-522	Lockwasher - 5/16.....	8
61	W-521	Lockwasher - 1/4.....	6
62	W-516	Hex Nut - 1/2.....	3
63	D-5279	Serrated Locknut - 3/8.....	2
64	W-514	Hex Nut - 3/8.....	3
65	W-513	Hex Nut - 5/16.....	8
66	W-512	Hex Nut - 1/4.....	6
67	N19432	Nut - 1 5/16-12 JIC.....	2
68	N16621	Plug - 9/16-18 MORB.....	1
69	D-4838	Tie Strap.....	15
70	N28659	Oil Line - 1 x 26 Lg.....	2
71	N28658	Oil Line - 1/2 x 26 Lg.....	1
72	N16346	Conector - 1 5/16-12 MJIC.....	2
73	N25754	Conector - 3/4-16 MJIC.....	1
74	N29366	Tee - (2) 1 1/16-12 MJIC x (1) 3/4 MNPT.....	1
75	N29357	Plug - 3/4 MNPT.....	1
76	N29349	Connector - 1 5/16-12 MJIC x 3/4 MNPT.....	1
77	N19345	Hyd Hose - 1/2 x 132 Lg - 7/8-14 FJIC.....	2
78	N29359	Connector - 3/4-16 MJIC x 7/8-14 MORB.....	6
79	N29360	90 Elbow - 7/8-14 MJIC x 7/8-14 MORB.....	2
80	N29358	Connector - 9/16-18 MJIC x 9/16-18 MORB.....	6
81	*****	Hydraulic Motor - See Page 10-14.....	3
82	N45505	Valve Manifold Assembly (See pg.10-12 for Details).....	1
83	N29363	Hyd Hose - 3/8 x 60 Lg w/3/4-16 FJIC.....	2
84	N29361	Hyd Hose - 3/8 x 36 Lg w/3/4-16 FJIC.....	2
85	N29364	Hyd Hose - 3/8 x 72 Lg w/3/4-16 FJIC 9240 / 9300.....	2
	N31625	Hyd Hose - 3/8 x 84 Lg w/3/4-16 FJIC 9252.....	2
86	N29365	Plug - 9/16-18 ORB.....	2
87	W-1847	Hex Bolt - 1/4 x 5 Lg.....	2
88	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE.....	3
89	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN.....	3
90	N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN.....	3
91	N31606	Seal #555-001 (Not Shown).....	2
92	N37039	Connector - 1 1/16-12 FORB x 7/8-14 MORB.....	4
93	N34498	1/2 Male Pioneer Tip - 7/8-14 FORB.....	3
93A	N37914	3/4 Male Pioneer Tip - 1 1/16-12 MORB.....	2
	N69669	Kit-Hydraulic Tip Adapter -1/2 Male Pioneer (Includes 2 of items 92 and 93) This Optional Kit is to adapt 1/2 Male Pioneer Tips for units being coupled to tractors with 1/2 Ports. Note: It is recommended to use the 3/4 Male Pioneer Tips to obtain maximum Fan speed.	
	N19023	Decal - "Hot" (Not Shown).....	1
	N19031	Decal - "Auger - Fan" (Not Shown).....	1
	N29354	Decal - "Calibration - Fan" (Not Shown).....	1

Variable Rate System Tow Between Hydraulics w/o Auger



Variable Rate System - Tow Between Hydraulics w/o Auger						
Item	Part No.	Description	Qty	Item	Part No.	Description
1	N16263	Fan (See pg 7-2)	1	41	N31625	Hyd Hose - 3/8 x 84 Lg w/3/4-16 FJIC 9252
2	N29372	Hydraulic Motor - Rexroth - 12cc	1	42	N29365	Plug - 9/16-18 MORB
3	N19340	(N25508 - Seal Kit) (N25507 Seal Only)	1	43	W-1847	Hex Bolt - 1/4 x 5 Lg
	N31604	Selector Valve - 3/4 FNPT		44	W-512	Hex Nut - 1/4
	N31603	O-Ring #210 (Not Shown)		45	W-521	Lockwasher - 1/2
	C26358	Seal Kit for N19340		46	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE
4	N31033	Knob for N19349	1	47	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN
5	N31342	Fan Mount Bracket - 9240 / 9300	1		N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN
6	N16399	Fan Mount Bracket - 9252	1		N19023	Decal - "Hot" (Not Shown)
7	N16181	Check Valve - 0 PSI - 1 1/16-12 ORB	1		N19031	Decal - "Auger - Fan" (Not Shown)
8	N25644	Hyd Hose - 3/8 x 156 Lg w/9/16-18 FJIC x 1/2 MNPT	4		N29354	Decal - "Calibration - Fan" (Not Shown)
9	N16454	Hyd Hose - 3/4 x 35 Lg w/1 1/16-12 FJIC	2			
10	C-817	Hyd Hose - 3/4 x 130 w/1 1/16-12 FJIC x 1/2 MNPT	3			
11	N16359	Male Pioneer Tip - 1/2 FNPT	1			
12	N19341	90 Elbow - 1 1/16-12 MJIC x 1 1/16-12 MORB	2			
13	N16143	90 Elbow - 1 1/16-12 MJIC x 3/4 MNPT	1			
14	N16388	90 Elbow - 9/16-18 MJIC x 9/16-18 MORB	2			
15	N19549	Tee - (2) 1 1/16-12 MJIC x (1) 1 1/16-12 MORB	2			
16	N19337	Tee - (3) 1 1/16-12 MJIC	1			
17	N19713	Reducer - 7/8-14 MJIC x 1 1/16-12 FJIC	1			
18	F-1767	Strap	1			
19	C-3035	Hex Bolt - 5/16 x 3/4 Lg	1			
20	S-1303	Hex Bolt - 5/16 x 1 3/4 Lg	1			
21	S-1189	Hex Bolt - 5/16 x 2 Lg	2			
22	W-522	Hex Bolt - 1/2 x 1 3/4 Lg	3			
23	W-525	Lockwasher - 5/16	6			
24	W-513	Lockwasher - 1/2	6			
25	N16621	Hex Nut - 5/16	6			
26	D-4838	Hex Nut - 1/2	1			
27	N31096	Plug - 9/16-18 MORB	10			
28	N15991	Nylon Tie Strap (black) - 14 1/2 Lg	1			
29	N21189	45 Elbow - 1 1/16-12 MJIC x 1 1/16-12 MORB	1			
30	N31034	Hyd Hose - 3/4 x 12 Lg w/1 1/16-12 FJIC	2			
31	N29357	90 Elbow - 1 1/16-12 MJIC x 1 1/16-12 FJIC	2			
32	C26343	U-Bolt - 1/2 x 8 1/16 x 5 1/8 - 9240 / 9252 / 9300	1			
33	N29359	Plug - 3/4 MNPT	2			
34	C15318	Hyd Hose - 1/2 x 162 Lg w/7/8-14 FJIC	2			
35	N29358	Connector - 3/4-16 MJIC x 7/8-14 MORB	6			
36	*****	90 Elbow - 7/8-14 MJIC x 7/8-14 MORB	3			
37	N45505	Connector - 9/16-18 MJIC x 9/16-18 MORB	1			
38	N29363	Hydraulic Motor - See Page 10-14	2			
39	N29361	Valve Manifold Assembly (See pg. 10-12 for Details)	2			
40	N29364	Hyd Hose - 3/8 x 60 Lg w/ 3/4-16 FJIC	2			
		Hyd Hose - 3/8 x 36 Lg w/3/4-16 FJIC	2			
		Hyd Hose - 3/8 x 72 Lg w/3/4-16 FJIC 9240 / 9300	2			

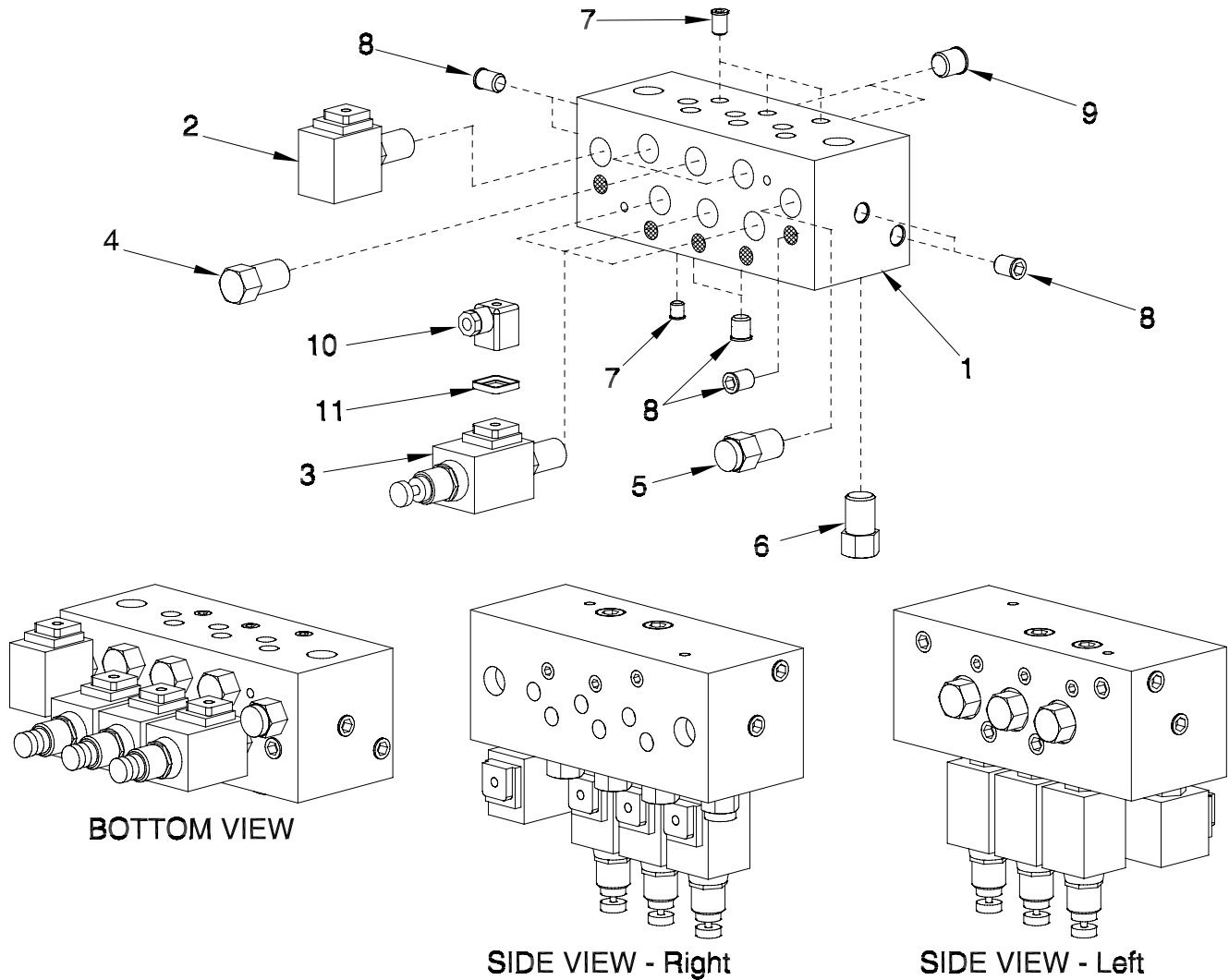
Variable Rate System Tow Between Hydraulics w/Auger



Variable Rate System - Tow Between Hydraulics w/Auger

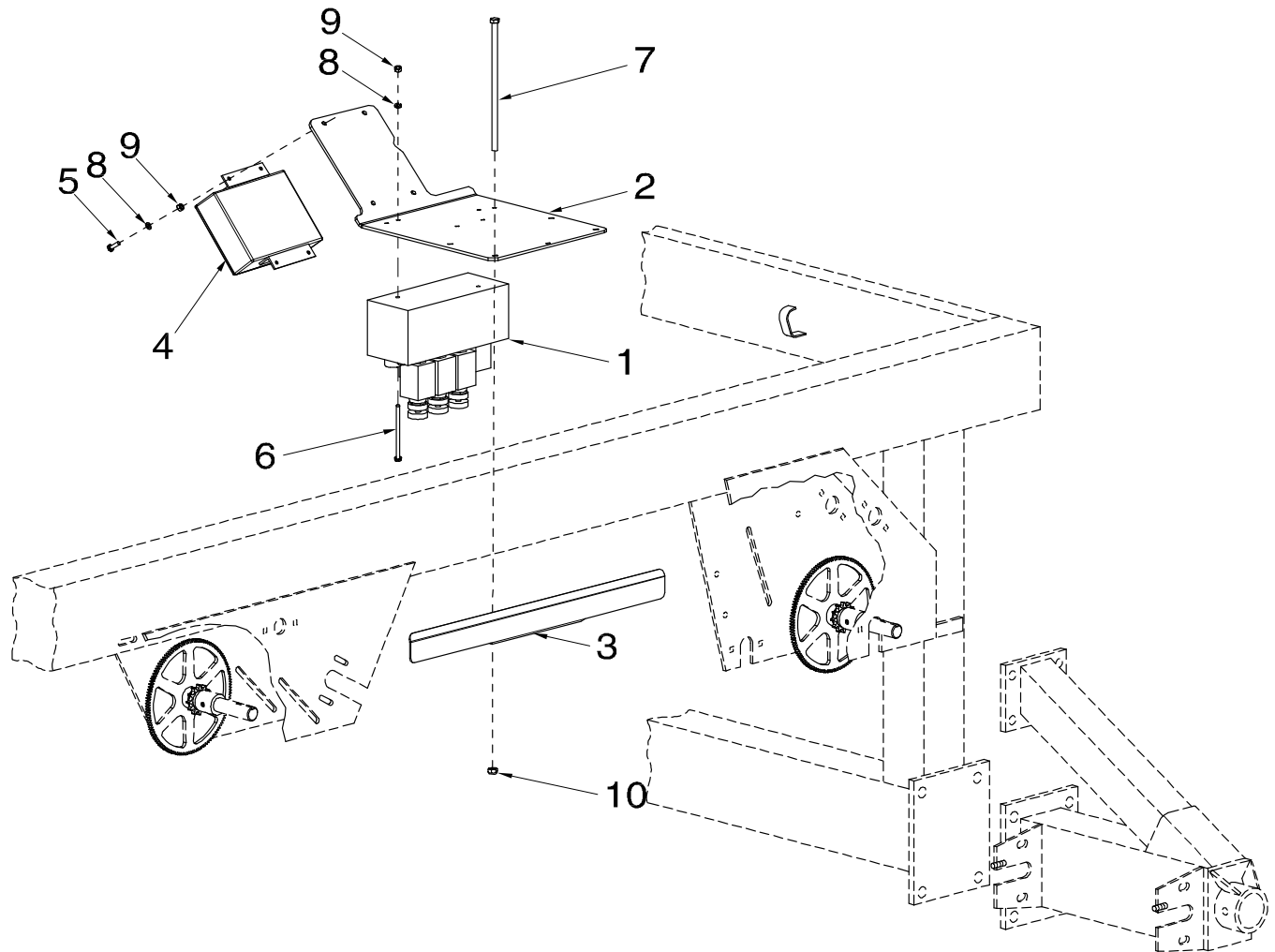
Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	N16263	Fan (See pg 72)	1	39	N21189	90 Elbow - 1 1/16-12 MJIC x 1 1/16-12 FJIC	2
2	N29372	Hydraulic Motor - Rexroth - 12cc	1	40	N31034	U-Bolt - 1/2 x 8 1/16 x 5 1/8 - 9240 / 9252 / 9300	2
	N25508	Seal Kit for Rexroth Motors		41	N29366	Tee - (2) 1 1/16-12 MJIC x (1) 3/4 MNPT	1
3	N25507	Seal Only for Rexroth Motors		42	N29357	Male Plug - 3/4 MNPT	1
	N15982	Orbit Motor	1	43	C26343	Hyd Hose - 1/2 x 162 Lg w/7/8-14 FJIC	2
	N16731	Seal Kit for N15982		44	N29359	Connector - 7/8-14 MJIC x 3/4-16 MJIC	6
4	N25319	Shaft for N15982		45	C15318	90 Male Elbow - 7/8-14 MJIC x 7/8-14 ORB	2
	N53205	Control Valve - 7/8-14 FORB x 1 1/16-12 FORB (Seal Kit N55676) (Handle N55677)	1	46	N29358	Connector - 9/16-18 MJIC x 9/16-18 ORB	6
5	N19340	Selector Valve - 3/4 FNPT	2	47	*****	Hydraulic Motor - See Page 10-14	3
	N31604	O-Ring #210 (Not Shown)	2	48	N45505	Valve Manifold Assembly (See pg. 10-12)	1
	N31603	Seal Kit for N19340		49	N29363	Hyd Hose - 3/8 x 60 Lg w/3/4-16 FJIC	2
6	C26358	Knob for N19340		50	N29361	Hyd Hose - 3/8 x 36 Lg w/3/4-16 FJIC	2
	N31033	Fan Mount Bracket - 9240 / 9300	1	51	N29364	Hyd Hose - 3/8 x 72 Lg w/3/4-16 FJIC - 9240 / 9300	2
	N31342	Fan Mount Bracket - 9252	1	52	N31625	Hyd Hose - 3/8 x 84 Lg w/3/4-16 FJIC - 9252	2
7	N34494	Check Valve w/3/4-16 FORB	1	53	N29365	Male Plug - 9/16-18 ORB	2
8	N16399	Check Valve - 0 PSI - 1 1/16-12 ORB	1	54	W-1847	Hex Bolt - 1/4 x 5 Lg	2
9	F-4560	Oil Line - 5/8 x 99 Lg w/90 Bend	2	55	W-521	Hex Nut - 1/4	2
10	N16181	Hyd Hose - 3/8 x 156 Lg w/9/16-18 FJIC x 1/2 MNPT	1	56	W-538	Lockwasher - 1/4	2
12	C-4387	Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC	2	57	N29962	Tag - Hose ID - Air Tank - Fan/Auger - PRESSURE	1
13	C26343	Hyd Hose - 1/2 x 162 Lg w/7/8-14 MJIC x 7/8-14 FJIC 9252	2	58	N29963	Tag - Hose ID - Air Tank - Fan/Auger - RETURN	1
	N21721	Hyd Hose - 1/2 x 180 Lg w/7/8-14 MJICx7/8-14 FJIC Used on 9240 / 9300	2	59	N29964	Tag - Hose ID - Air Tank - Fan/Auger - CASE DRAIN	1
14	N25644	Hyd Hose - 3/4 x 35 Lg w/1 1/16-12 FJIC	4	60	N29393	Strap	1
15	N16454	Hyd Hose - 3/4 x 130 w/1 1/16-12 FJIC x 1/2 MNPT	2	61	N19713	Strap	1
16	C-817	Male Pioneer Tip - 1/2 FNPT	3	62	F-1767	Hex Bolt - 5/16 x 3/4 Lg	3
17	K-5806	90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC	1	63	C-3035	Hex Bolt - 5/16 x 1 3/4 Lg	3
18	C15318	90 Elbow - 7/8-14 MJIC x 7/8-14 MORB	3	64	S-1303	Hex Bolt - 5/16 x 2 Lg	1
19	N16359	90 Elbow - 1 1/16-12 MJIC x 1 1/16-12 MORB	1	65	W-522	Lockwasher - 5/16	7
20	N19341	90 Elbow - 1 1/16-12 MJIC x 3/4 MNPT	3	66	W-513	Hex Nut - 5/16	7
21	N16143	90 Elbow - 9/16-18 MJIC x 9/16-18 MORB	1	67	N47903	Connector - 7/8-14 (#10) MJIC x 1 1/16-12 (#12) MORB	1
22	C-4402	45 Elbow - 7/8-14 MJIC x 1/2 MNPT	1	68	N49460	Connector - 3/4-16 MORB x 7/8-14 FJIC	1
23	N16388	Tee - (2) 1 1/16-12 JIC x (1) 1 1/16-12 MORB	2		N19023	Decal - "Hot" (Not Shown)	1
24	N19549	Tee - (3) 1 1/16-12 MJIC	1		N19031	Decal - "Auger - Fan" (Not Shown)	1
25	C-4399	Connector - 7/8-14 MJIC x 1/2 MNPT	2		N29354	Decal - "Calibration - Fan" (Not Shown)	1
25A	C14840	Connector - 7/8-14 MJIC x 3/4-16 MORB	1				
26	N15032	Reducer - 3/4 MNPT x 1/2 FNPT	1				
26A	N34499	Connector - 1 1/16-12 MORB x 7/8-14 FORB	1				
27	N19337	Reducer - 7/8-14 MJIC x 1 1/16-12 FJIC	3				
28	C-4698	Nylon Oil Line Clamp	4				
29	W-479	Hex Bolt - 3/8 x 2 1/4 Lg	2				
30	S-1189	Hex Bolt - 1/2 x 1 3/4 Lg	2				
31	W-525	Lockwasher - 1/2	6				
32	D-5279	Serrated Locknut - 3/8	2				
33	W-516	Hex Nut - 1/2	6				
34	N16621	Plug - 9/16-18 MORB	1				
35	D-4838	Nylon Tie Strap (black) - 14 1/2 Lg	4				
36	N31096	45 Elbow - 1 1/16-12 MJIC x 1 1/16-12 MORB	1				
37	N29356	Tee - (2) 1 1/16-12 MJIC x (1) 1 1/16-12 FJIC	1				
38	N37900	Hyd Hose - 3/4 x 18 Lg w/1 1/16-12 FJIC	1				

Variable Rate System Valve Manifold - 3 Bank



Item	Part No.	Description	Qty
1	N45508	Valve Manifold Block	1
2	N45509	Valve - Dump - Solenoid.....	1
3	N47440	Valve - Solenoid - Flow Element	3
4	N29324	Valve - Flow Restrictor - Slave.....	3
5	N29325	Valve - Flow Regulator - Supply	1
6	N29328	Valve - Flow Regulator - Drain.....	3
7	N45511	Male Plug - 4 SAE Tapered	6
8	N45512	Male Plug - 6 SAE Tapered	13
9	N45513	Male Plug - 8 SAE Tapered	2
10	N29329	DIN Connector - Plug w/Gasket.....	4
11	N29331	Gasket - DIN Connector.....	4
	N45505	Valve Manifold Assembly (Includes above items except 10 & 11)	

Variable Rate System Valve Manifold Mounting



Item	Part No.	Description	Qty
1	N45505	Valve Manifold Assembly.....	1
2	N45193	Mounting Plate - Manifold	1
3	N27856	Sample Collector Bracket.....	1
4	N50622	MDECU - Multi Drive Electronic Control Unit - 4 Channel (AGA3980)..... See Monitor Section for Apollo EM-40 mounting	1
5	W-469	Hex Head - 1/4 x 3/4 Lg.....	4
6	W-1847	Hex Bolt - 1/4 x 5 Lg.....	2
7	N29479	Hex Bolt - 3/8 x 9 Lg.....	4
8	W-521	Lockwasher - 1/4.....	6
9	W-512	Hex Nut - 1/4	6
10	M-3388	Locknut - 3/8 Unitorque.....	4

Transmission Orbit Motor

Danfoss has discontinued the DH80 orbit motor. Morris Part number N29319. (Seal Kit N48071)

The replacement motor is **Danfoss OMPX 80**. Morris Part number **N72140**. (Seal Kit N72139)

This is a running change for the 2021 production year starting with the serial numbers listed below:

9240s BD is 9240214544 and newer

9240s BT is 9230214035 and newer

9252s BD is 9252215534 and newer

9252s BT is 9253215032 and newer

9300s BD is 9300216541 and newer

9300s BT is 9330216063 and newer

Note: It is possible to have both series motors on the same Air Cart, so check each motor to determine which seal kits are required.



Danfoss OMPX 80
Morris Part number **N72140**
Seal Kit N72139



Danfoss DH 80
Morris Part number **N29319**
Seal Kit N48071

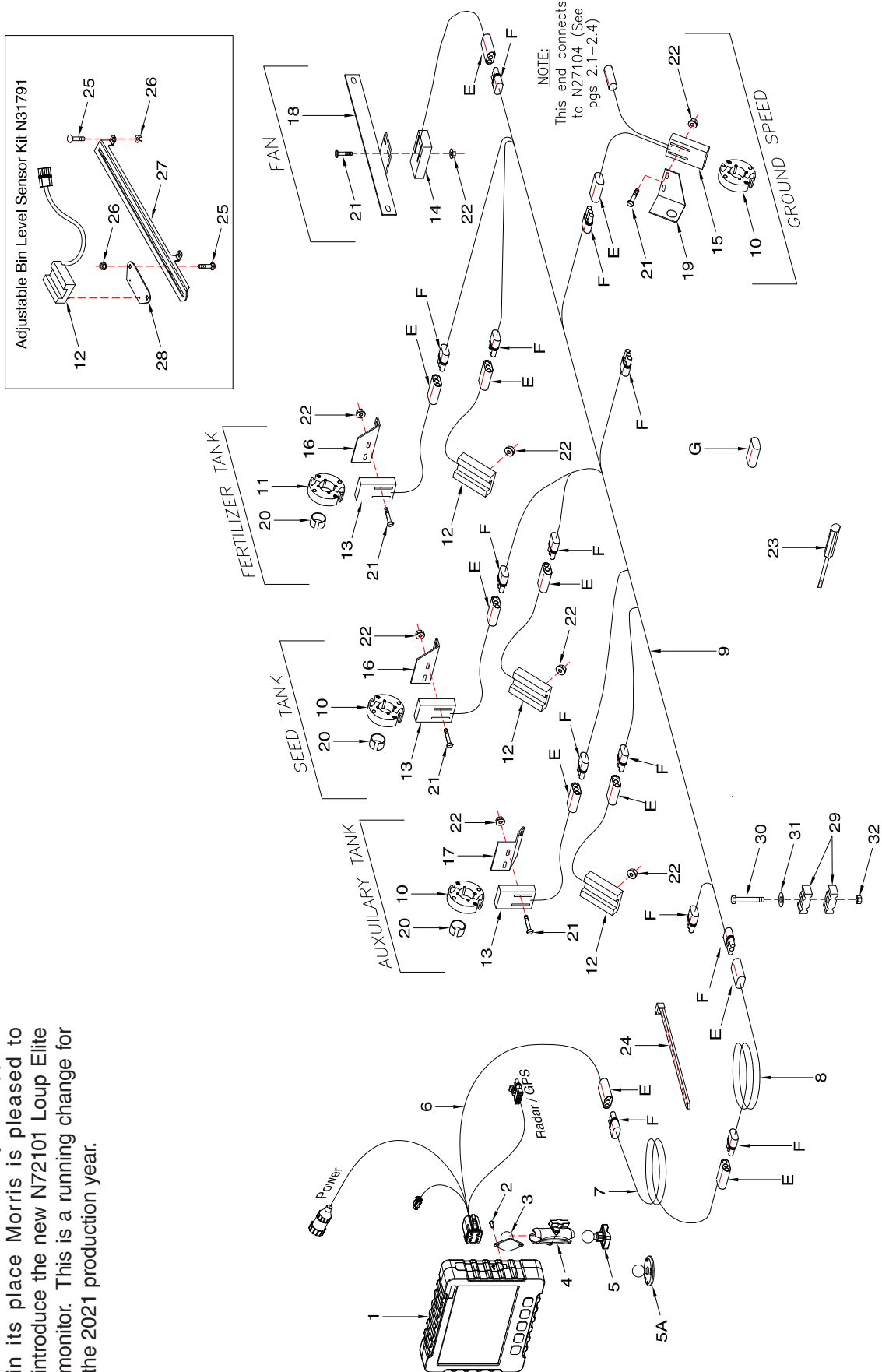
Section 11: Monitors

Section Contents

Monitor - Ground Drive	11-2
LOUP Elite Monitor - 2021 to Present	11-2
Version 3 Monitor & Blockage Module	11-4
FTU - Field Test Unit.....	11-6
AGTRON	11-7
ART Blockage System	11-7
LEGEND Blockage System.....	11-8
TopCon Cart Variable Rate System.....	11-10
X30 / IB1 Harness.....	11-10
X30 / IB1 VR Harness.....	11-12
X30 / IB1 Tractor Installation	11-14
Apollo TopCon System	11-16
System Mounts.....	11-16
Cart Harness	11-18
Tractor without ISO BUS - X30 Installation - 2016	11-20
Tractor without ISO BUS - X30 Installation - 2017	11-21
Seed Unit - Tow Behind Cart	11-22
AGI-4 Receiver Kit.....	11-23

Monitor - Ground Drive LOUP Elite Monitor - 2021 to Present

The current Vansco N44049 monitor has been discontinued by the supplier, in its place Morris is pleased to introduce the new N72101 Loup Elite monitor. This is a running change for the 2021 production year.

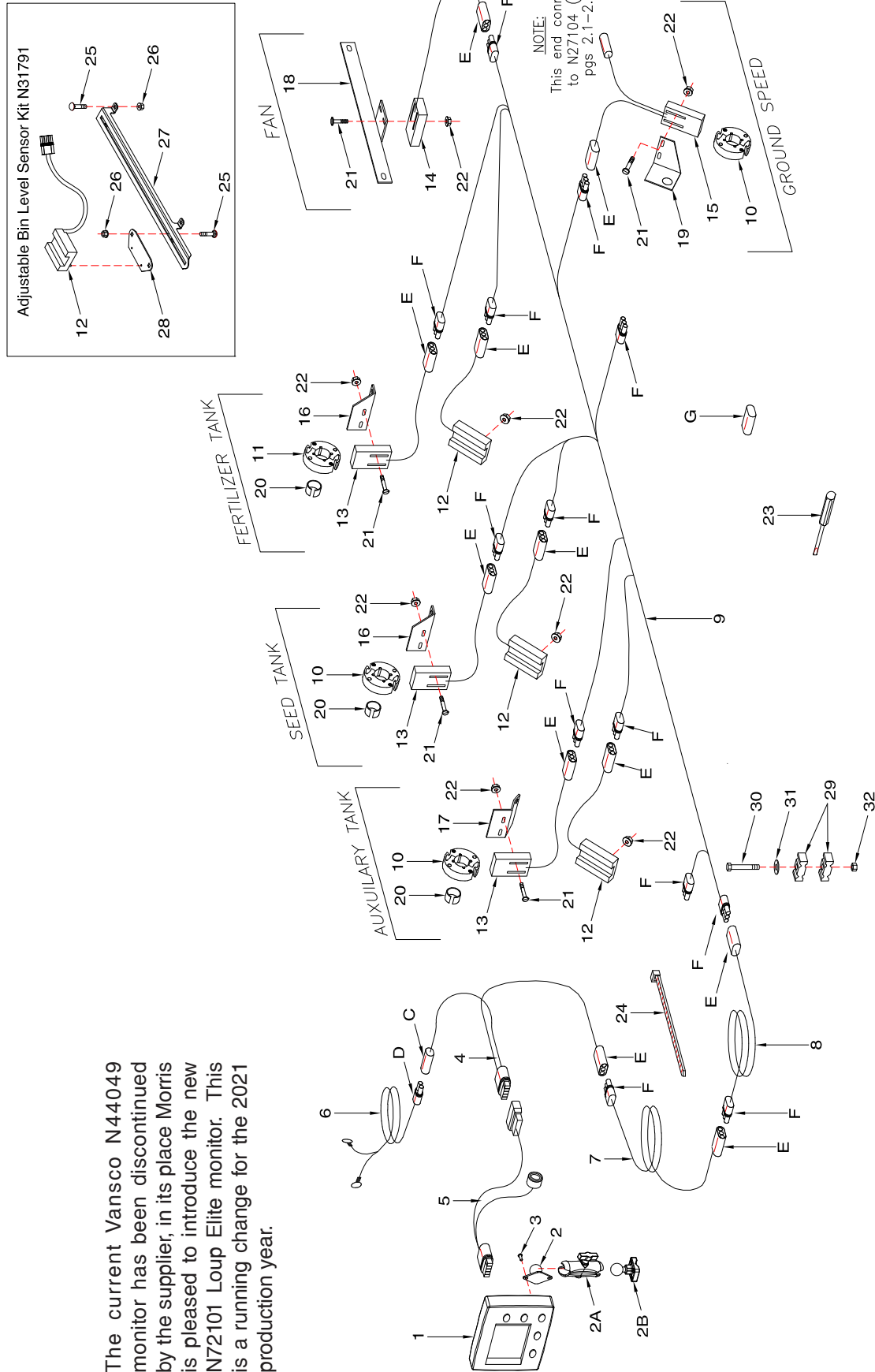


LOUP Elite Monitor - 2021 to Present

Item	Part No.	Description	Qty
Monitor Assembly - 9s Series Carts			
1	N72101	Monitor - LOUP Elite	1
	N72100	Kit LOUP Elite - Includes items 1, 2, 3, 4, 5 and 6	
2	N44265	Machine Screw - #10-32 x 1/2.....	2
3	N45644	Ball Mount - 1" used on back of Monitor (RAM-B-238).....	1
4	N45645	Mount Arms - 1" (RAM B-201)	1
5	N45646	Ball Mount - 1" used to mount in Tractor Cab (RAM-B-231).....	1
5A	N55469	Mounting Ball - Monitor Mount on Cart Frame- 1 Diameter Ball (RAM-B-202-U).....	1
6	N72102	Harness - Tractor Monitor	
7	N32470	Wire - Monitor Extension - 21 ft (Weather Pak)	1
8	N32471	Wire - Monitor Extension - 37 1/2 ft (Weather Pak) Tow Behind ONLY	1
9	N32474	Harness - Monitor (Weather Pak) Tow Behind.....	1
	N32475	Harness - Monitor (Weather Pak) Tow Between	1
10	N16471	Reed Switch Actuator - 4 Magnet	4
11	N16473	Reed Switch Actuator - 2 Magnet	1
12	N27616	Sensor - Bin Level c/w Gasket	3
13	N27617	Reed Switch	3
14	N27618	Magnetic Sensor - Fan	1
15	N27619	Reed Switch - Ground	1
16	N56305	Sensor Mount - Metershaft - Main.....	2
17	N56305	Sensor Mount - Metershaft - Granular.....	1
18	N16565	Sensor Mount - Fan	1
19	N27621	Sensor Mount - Main Switch - Ground	1
20	N19599	Bushing - Spacer	3
21	N16563	Machine Screw - #8 - 32 UNC x 1 1/4 Lg.....	14
22	N16564	Serrated Locknut - #8 - 32 UNC.....	20
23	N27625	Assembly Tool - Packard Connector	1
24	D-4838	Nylon Tie Strap - 14 1/2 Lg (Black)	1
25	D-5259	Carriage Head Bolt - 5/16 x 3/4.....	6
26	D-5278	Serrated Nut - 5/16.....	6
27	N42149	Adjustment Plate	1
28	N31790	Base Plate.....	1
29	C-4698	Nylon Clamp	2
30	W-479	Hex Head Bolt - 3/8 x 2 1/4	1
31	W-538	Flat Washer - 3/8.....	1
32	M-3388	Lock Nut - 3/8.....	1
Replacement Connectors			
C	N29384	Weather Pak Connector - BLACK - 2 Pin Plug (Shroud)	
D	N29385	Weather Pak Connector - BLACK - 2 Pin Socket (Tower)	
E	N27613	Weather Pak Connector - BLACK - 3 Pin Plug (Shroud)	
F	N27614	Weather Pak Connector - BLACK - 3 Pin Socket (Tower)	
G	N27615	Seal Connector - BLACK - 3 Pin Plug	
	N29147	Seal - Weather Pak - Cavity Plug (Not Shown)	
	N29148	Seal - Weather Pak - Wire Plug (Not Shown)	
	N29149	Terminal - Weather Pak - Male End (Not Shown)	
	N29150	Terminal - Weather Pak - Female End (Not Shown)	
Replacement Parts (Not Shown)			
	N24391	Fuse Holder & Cap (Installed in Clutch Switch Box N27011)	
	N24302	Magnet Only - 1/4 Round x 3/4 Lg (Installed in Items #6 & 7) - pairs only	
	N28671	Mount Bracket - Monitor - #VM253501	
	N29833	Knob for Monitor Mount Bracket - #103302	

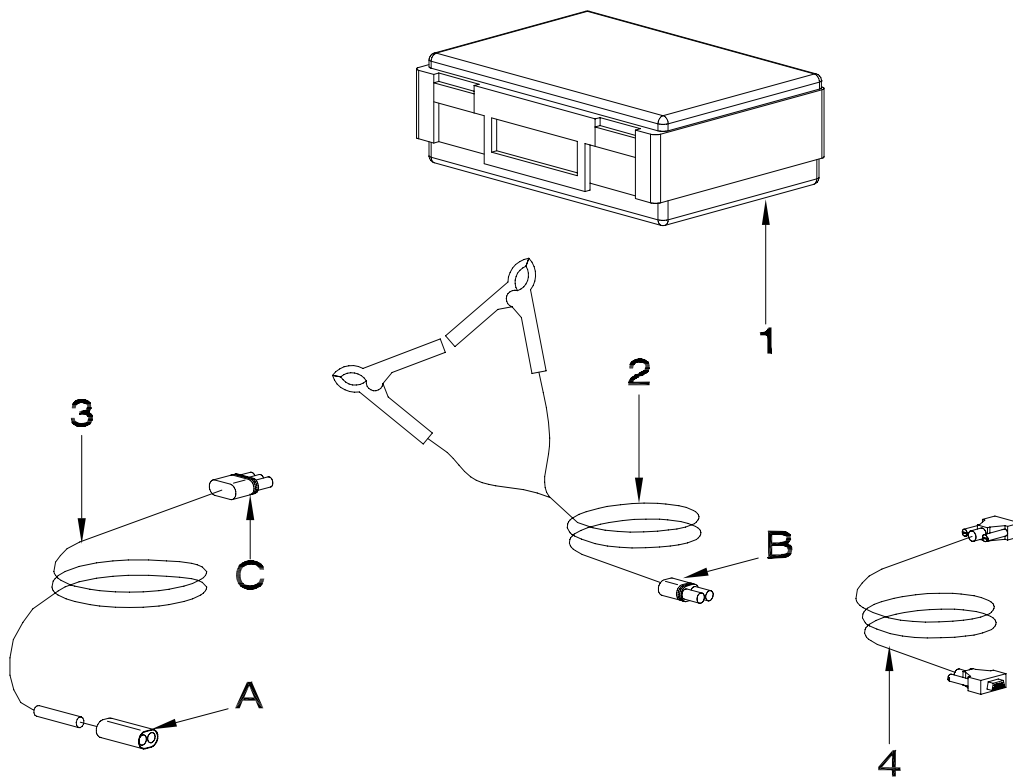
Monitor - Ground Drive Version 3 Monitor & Blockage Module

The current Vansco N44049 monitor has been discontinued by the supplier, in its place Morris is pleased to introduce the new N72101 Loup Elite monitor. This is a running change for the 2021 production year.



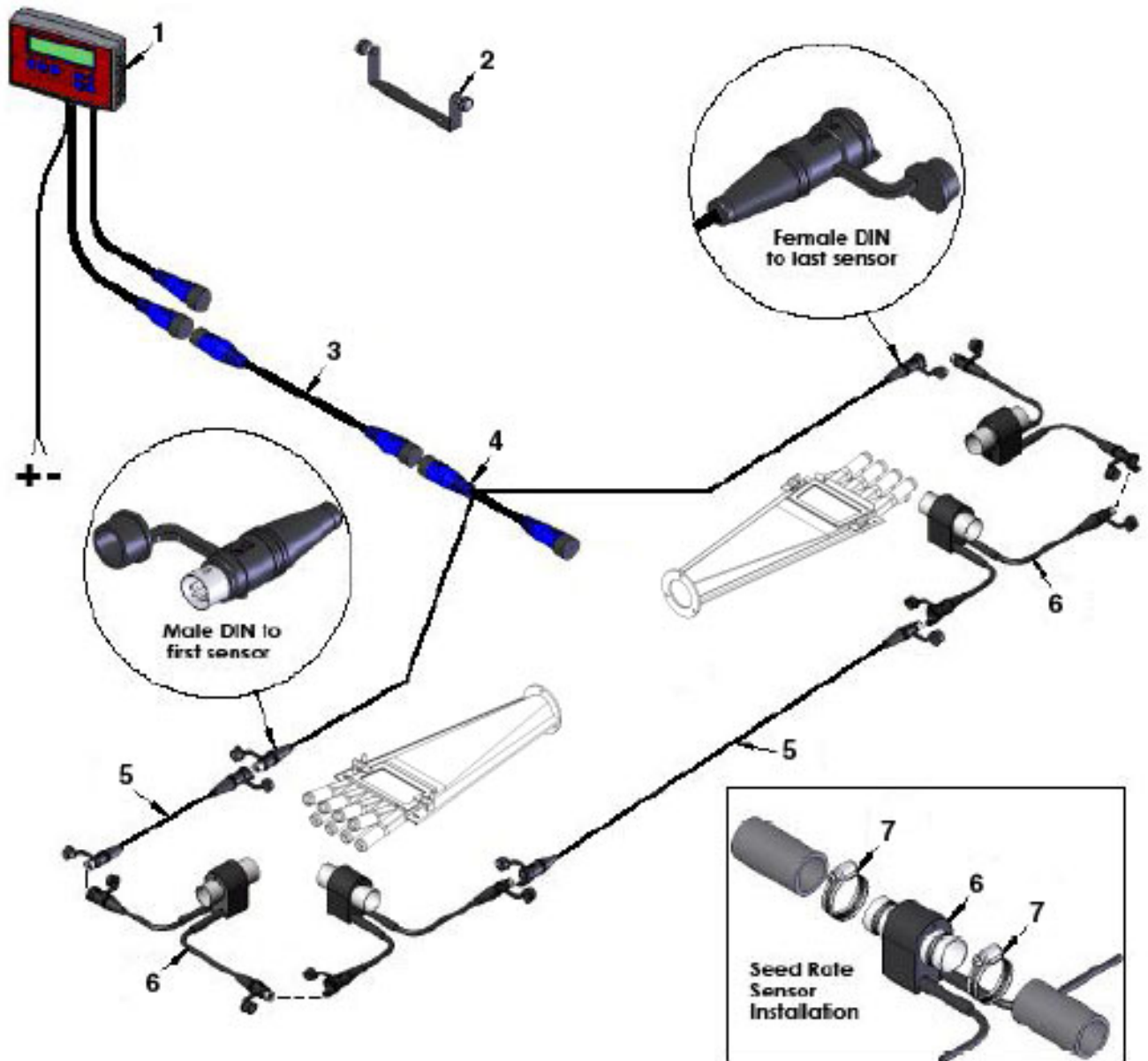
Monitor - Version 3 Monitor and Blockage Module			
Item	Part No.	Description	Qty
		Monitor Assembly	
1	N44049	Monitor - Version 3 - NEW.....	1
	N44049R	Monitor - Version 3 - REBUILT.....	
2	N45644	Ball Mount - 1" used on back of Monitor (RAM-B-238).....	1
2A	N45645	Mount Arms - 1" (RAM B-201)	1
2B	N45646	Ball Mount - 1" used to mount in Tractor Cab (RAM-B-231).....	1
3	N44265	Machine Screw - #10-32 x 1/2.....	2
4	N44253	Power Cable - VMD Monitor.....	1
5	N44264	Alarm and Cable Assembly - Optional	1
	N44256	Alarm.....	1
	N44255	Adaptor Cable	1
6	N27609	Power Cable - Monitor.....	1
7	N32470	Wire - Monitor Extension - 21 ft (Weather Pak)	1
8	N32471	Wire - Monitor Extension - 37 1/2 ft (Weather Pak) Tow Behind ONLY	1
9	N32474	Harness - Monitor (Weather Pak) Tow Behind.....	1
	N32475	Harness - Monitor (Weather Pak) Tow Between.....	1
10	N16471	Reed Switch Actuator - 4 Magnet	3
11	N16473	Reed Switch Actuator - 2 Magnet	1
12	N27616	Sensor - Bin Level c/w Gasket	3
13	N27617	Reed Switch	3
14	N27618	Magnetic Sensor - Fan	1
15	N27619	Reed Switch - Ground	1
16	N56305	Sensor Mount - Metershaft - Main	2
17	N56305	Sensor Mount - Metershaft - Granular.....	1
18	N16565	Sensor Mount - Fan	1
19	N27621	Sensor Mount - Main Switch - Ground.....	1
20	N19599	Bushing - Spacer	3
21	N16563	Machine Screw - #8 - 32 UNC x 1 1/4 Lg.....	14
22	N16564	Serrated Locknut - #8 - 32 UNC.....	20
23	N27625	Assembly Tool - Packard Connector.....	1
24	D-4838	Nylon Tie Strap - 14 1/2 Lg (Black)	1
25	D-5259	Carriage Head Bolt - 5/16 x 3/4.....	6
26	D-5278	Serrated Nut - 5/16.....	6
27	N42149	Adjustment Plate.....	1
28	N31790	Base Plate.....	1
29	C-4698	Nylon Clamp	2
30	W-479	Hex Head Bolt - 3/8 x 2 1/4.....	1
31	W-538	Flat Washer - 3/8.....	1
32	M-3388	Lock Nut - 3/8.....	1
		Replacement Connectors	
C	N29384	Weather Pak Connector - BLACK - 2 Pin Plug (Shroud)	
D	N29385	Weather Pak Connector - BLACK - 2 Pin Socket (Tower)	
E	N27613	Weather Pak Connector - BLACK - 3 Pin Plug (Shroud)	
F	N27614	Weather Pak Connector - BLACK - 3 Pin Socket (Tower)	
G	N27615	Seal Connector - BLACK - 3 Pin Plug	
	N29147	Seal - Weather Pak - Cavity Plug (Not Shown)	
	N29148	Seal - Weather Pak - Wire Plug (Not Shown)	
	N29149	Terminal - Weather Pak - Male End (Not Shown)	
	N29150	Terminal - Weather Pak - Female End (Not Shown)	
		Replacement Parts (Not Shown)	
	N24391	Fuse Holder & Cap (Installed in Clutch Switch Box N27011)	
	N24302	Magnet Only - 1/4 Round x 3/4 Lg (Installed in Items #6 & 7) - pairs only	
	N28671	Mount Bracket - Monitor - #VM253501	
	N29833	Knob for Monitor Mount Bracket - #103302	

Monitor - Ground Drive FTU - Field Test Unit



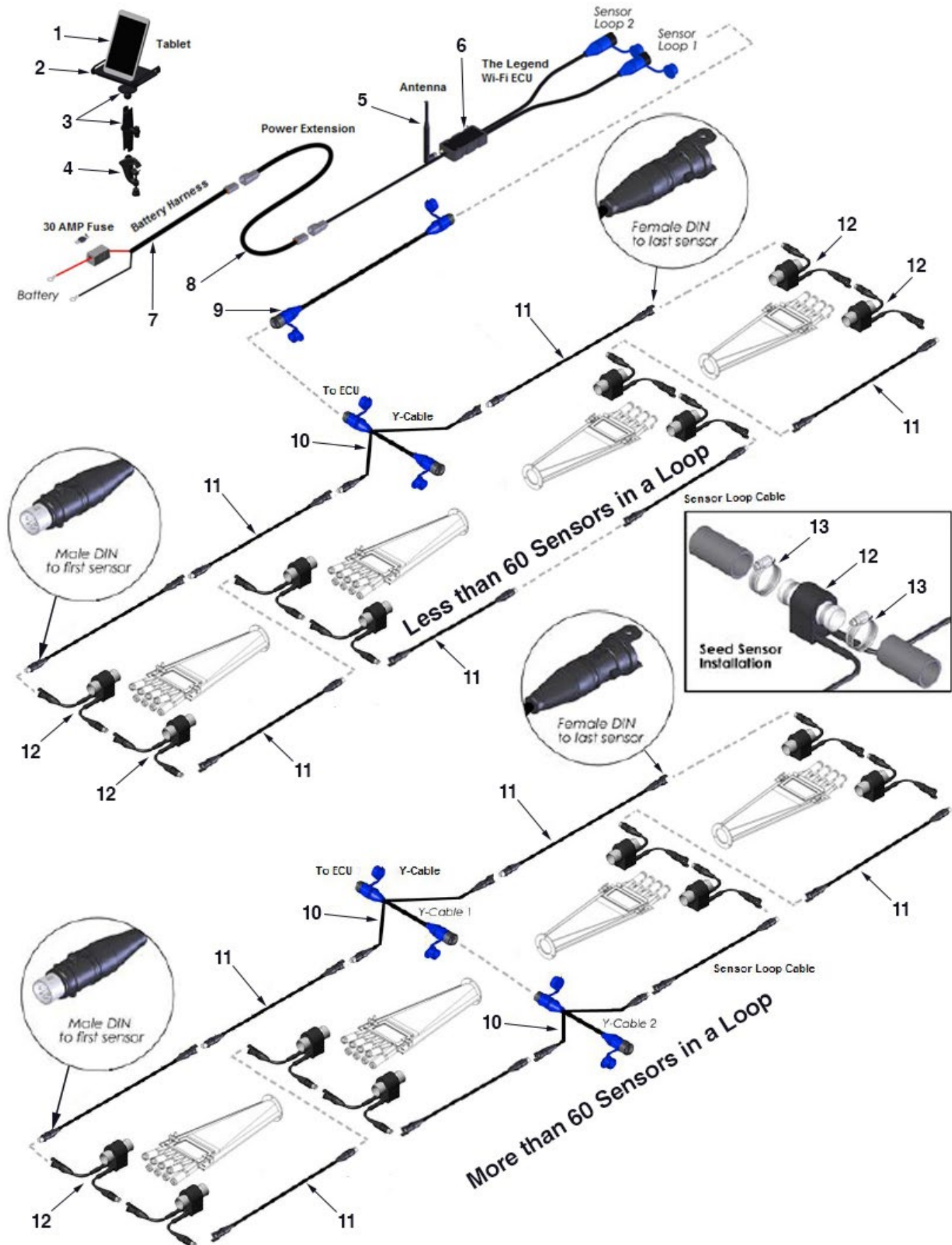
Item	Part No.	Description	Qty
FTU - Field Test Unit			
1	N27119	FTU - Field Test Unit.....	1
2	N32492	Power Cable - FTU - 10 ft - Test Clip	1
3	N32491	Power Cable - 3 ft - Main.....	1
4	N32494	Adaptor Cable - FTU - for PC.....	1
5	N34177	FTU - Operation Manual (Not Shown)	1
Replacement Connectors			
A	N29384	Weather Pak Connector - BLACK - 2 Pin Plug (Shroud)	
B	N29385	Weather Pak Connector - BLACK - 2 Pin Socket (Tower)	
C	N27614	Weather Pak Connector - BLACK - 3 Pin Socket (Tower)	

AGTRON ART Blockage System



Item	Part No:	Description	No. Used	
			ART100	ART260
1	N47469	Agtron ART100 monitor	1	-
1A	N47461	Agtron ART260 monitor	-	1
2	*****	Monitor Mounting Bracket Kit	1	1
3	N47463	Extension Cable - 10ft (3m)	2	4
	N47464	Extension Cable - 20ft (6m)	1	2
4	N47462	'Y' Cable	1	2
5	N47465	Sensor Loop Cable - 2ft (0.6m)	-	-
	N47466	Sensor Loop Cable - 4ft (1.2m)	-	-
	N47467	Sensor Loop Cable - 10ft (3m)	6	12
	N47468	Sensor Loop Cable - 20ft (6m)	2	4
6	N47471	Sensor - Optical (24mm)	AsReq	AsReq
	N47472	Sensor - Optical (30mm)	AsReq	AsReq
7	N11470	Hose Clamp - HS-20	AsReq	AsReq
	N47470	Kit - ART100 Blockage Monitor (Includes 1, 2 to 5)		
	N47460	Kit - ART260 Blockage Monitor (Includes 1A to 5)		

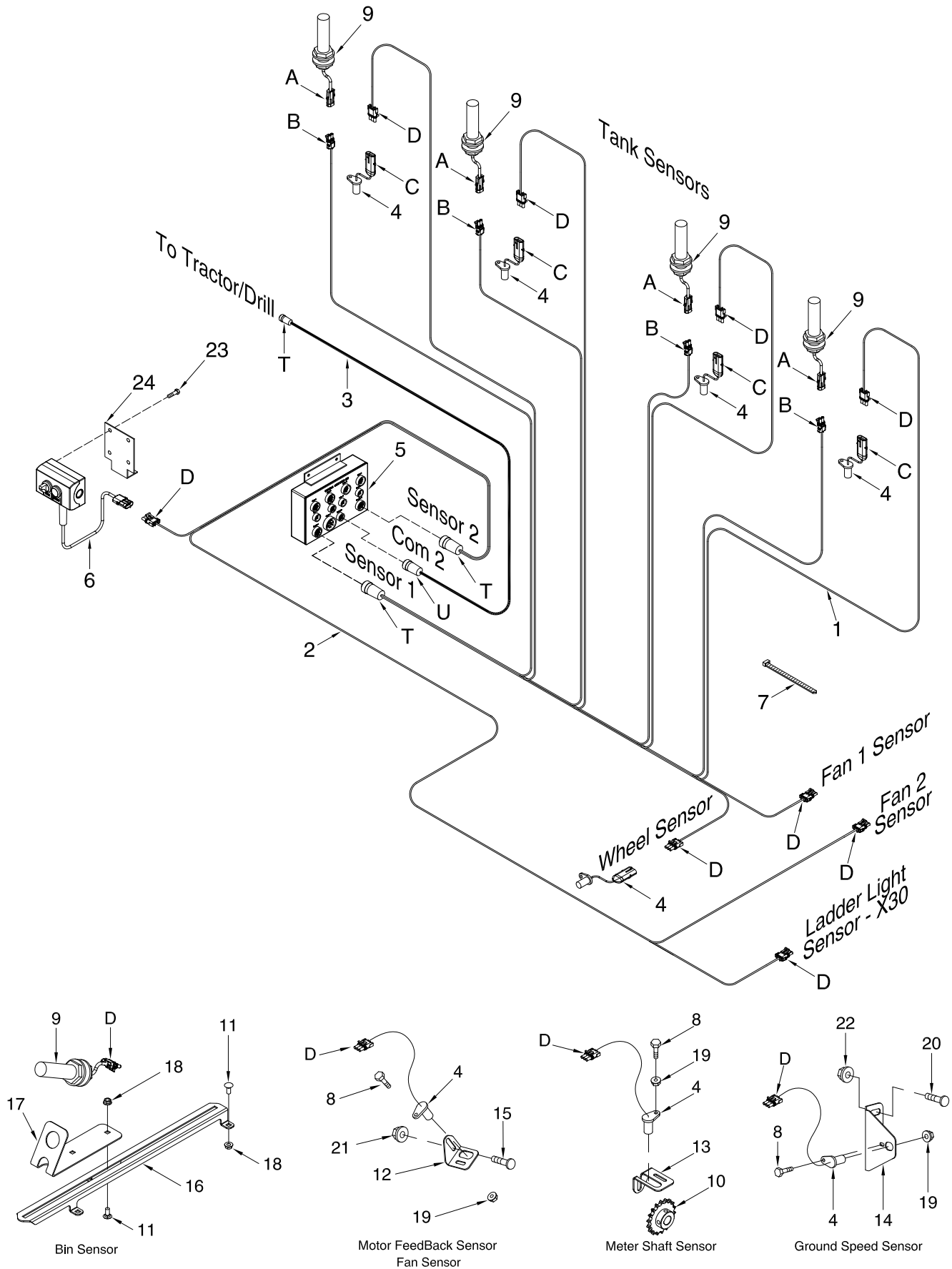
AGTRON LEGEND Blockage System



AGTRON - LEGEND Blockage System

Item	Part No.	Description	No Used	
			Single	Dual
1	N58694	Tablet and Cradle	1	1
2	N58656	Ram Mount Cradle 8" - 850033009	1	1
3	N58655	Ram Mount Arm - 850033001	1	1
4	N58658	Yoke Clamp Base - 850033002.....	1	1
5	N58651	Antenna - 7 Lg - 050013005.....	1	1
6	N58691	LEGEND Wi-Fi ECU - AGST410	1	1
7	N58652	Harness Battery - AGD2006.....	1	1
8	N62940	Power Extension Harness - 15 ft - DT04-2P (Optional)		
	N62941	Power Extension Harness - 35 ft - AGD2020 (Optional)		
9	N47464	Extension Cable - 20ft (6m) - Tow Between ONLY	2	4
10	N58692	Y-Cable LEGEND - 9ASTY10.....	1	2
Note: Additional Y-Cable required when more than 60 sensors in a loop.				
11	N58693	Sensor Loop LEGEND - 10 ft - 9ASTX10.....	6	12
	N58653	Sensor Loop LEGEND - 20 ft - 9ASTX20	2	4
12	N58659	Seed Rate Sensor LEGEND - 15/16 Hose - AGST24E.....	AsReq	AsReq
12A	N62030	Seed Rate Sensor LEGEND - 1 1/8 Hose - AGST30E	AsReq	AsReq
13	N11470	Hose Clamp - HS-20 - 2 per Sensor	AsReq	AsReq
Order Kits Through Wholegoods ONLY				
	N60161	Agtron "Legend" Tablet Kit (Includes items 1 to 4)		
	N60160	Agtron "Legend" Base Single Shoot Kit (Includes items 5, 6, 7 and 11)		
	N60170	Agtron "Legend" Base Double Shoot Kit (Includes items 5, 6, 7 and 11)		
	N62942	Agtron "Legend" 24mm Sensor Kit (Includes Item 12 and 13)		
	N62943	Agtron "Legend" 30mm Sensor Kit (Includes Item 12A and 13)		

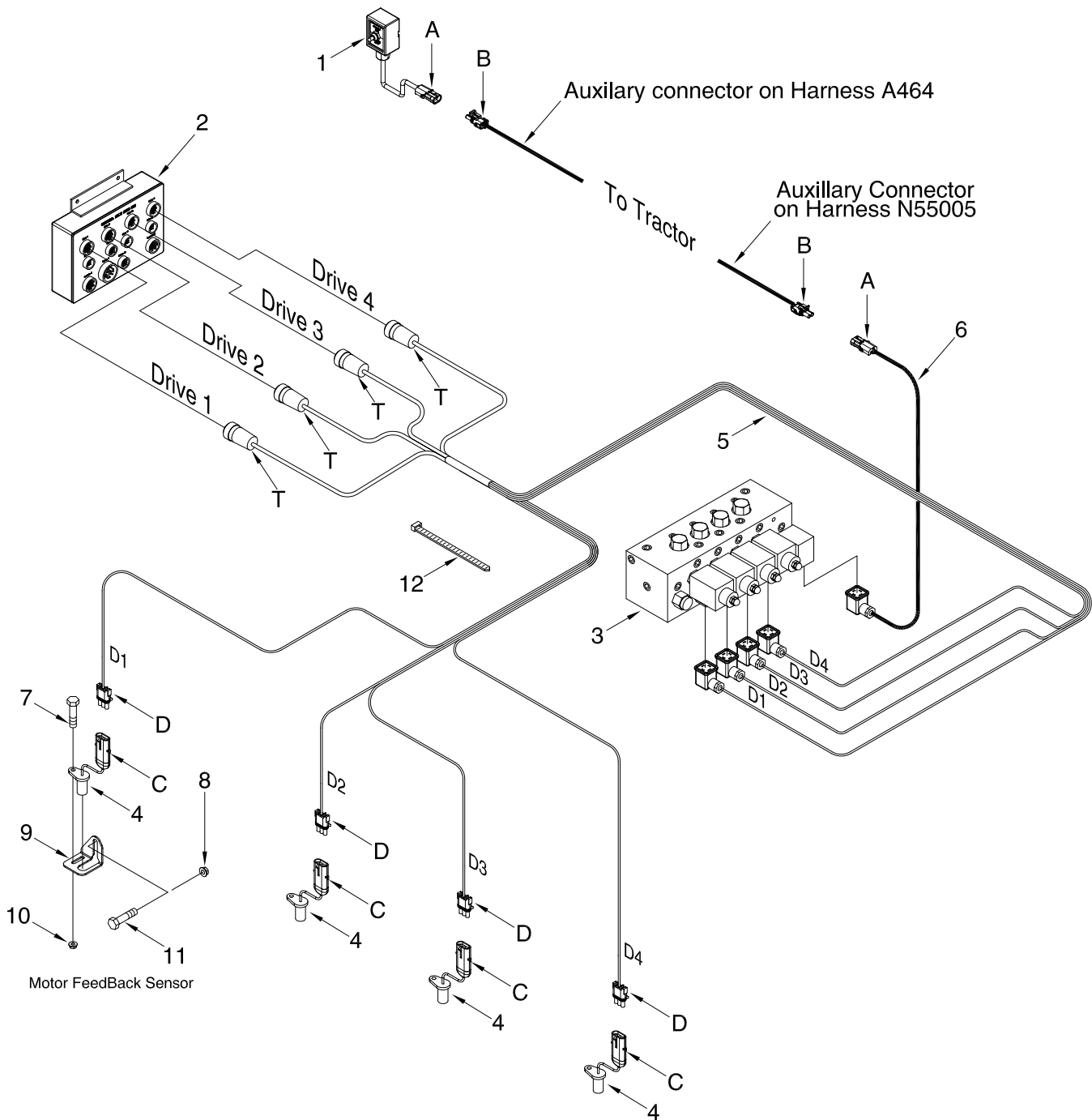
TopCon Cart Variable Rate System X30 / IB1 Harness



X30 / IB1 Cart Harness

Item	Part No.	Description	Qty
Quantities listed are for a 4 Tank system			
1	N55004	TopCon 4 Tank Harness (A3695).....	1
2	N55007	TopCon Dual Fan Harness (AGA4895)	1
3	N55005	TopCon Actuator Harness (A3738).....	1
4	N50070	Sensor - Hall Effect (A3680)	5
5	N50622	Multi Drive Electronic Control Unit - 4 Channel (AGA3980)	1
6	N55009	TopCon - Run/Stop/Reset/ Box (A1771).....	1
7	D-4838	Nylon Tie Strap - 14 1/2 Lg (Black)	AsReq
8	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	9
9	N55011	Bin Level Sensor (A3681)	4
10	N45198	Sprocket - 40B18 - 3/4 Diameter Bore	4
11	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	20
12	N29296	Fan Sensor Bracket	1
13	N45199	Shaft Sensor Bracket	4
14	N37330	Ground Speed Sensor Bracket - 4 5/8 Lg	1
15	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg	1
16	N42149	Adjustment Plate	4
17	N34799	Bracket - Bin Level Sensor.....	4
18	D-5278	Locknut - 5/16 Serrated.....	20
19	D-5277	Locknut - 1/4 Serrated.....	6
20	D-5265	Carriage Bolt - 1/2 x 1 Lg	2
21	D-5279	Locknut - 3/8 Serrated.....	1
22	D14565	Locknut - 1/2 Serrated.....	2
23	N29696	Screw - #10 x 3/4 Hex Self Tap.....	4
24	N48009	Mounting Bracket - Run\Reset Box	1
	N45166	Full Monitor Kit (AGA4552) - Contains Items (N55013 & N55014)	
	N55014	4 Tank Seeder Kit - Contains Items (1, 2, 3, 5, 6, N55006 & N55008)	
	N55013	4 Bin Sensor Kit - Contains Items (4 & 9)	
Replacement Connectors			
A	N29384	Weather Pak Connector - BLACK - 2 Pin Plug	
B	N29385	Weather Pak Connector - BLACK - 2 Pin Socket	
C	N27613	Weather Pak Connector - BLACK - 3 Pin Plug (Male)	
D	N27614	Weather Pak Connector - BLACK - 3 Pin Socket (Female)	
T	206037-1	Amphenol - 16 Pin Plug (Female)	
U	206708-1	Amphenol - 9 Pin Plug (Female)	

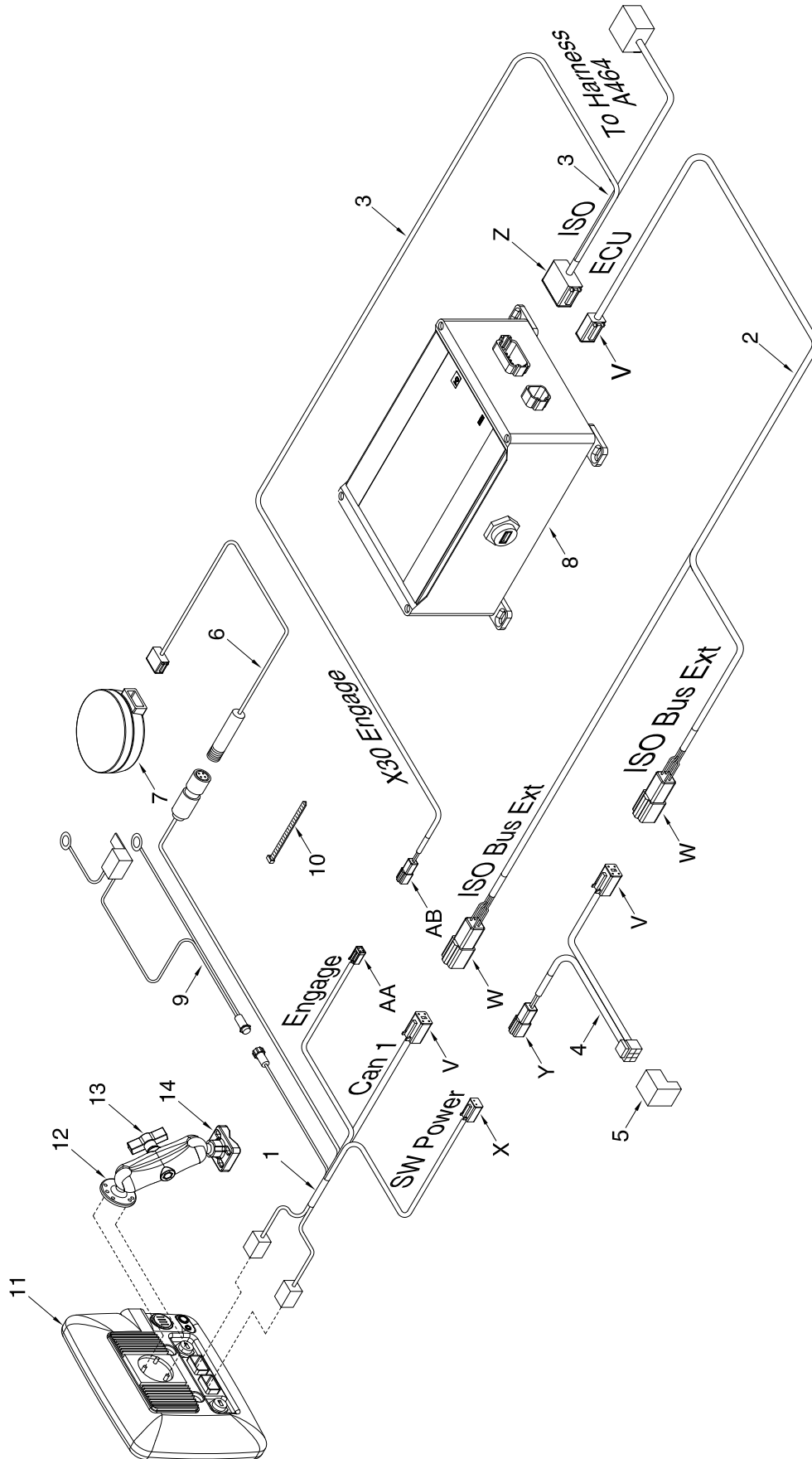
TopCon System X30 / IB1 VR Harness



X30 / IB1 VR Harness

Item	Part No.	Description	Qty
Quantities listed are for a 4 Tank system			
1	N55008	TopCon Limp Home Box (AGA4206) - used in Kit N55014	1
2	N50622	Multi Drive Electronic Control Unit - 4 Channel (AGA3980)	1
3	N45195	Valve Manifold Assembly.....	1
4	N50070	Sensor - Hall Effect (A3680)	5
5	N55006	4 Bin Drive Harness (A3737)	1
6	A3739	Limp Home Harness	1
7	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	4
8	D-5279	Locknut - 3/8 Serrated.....	4
9	N29296	Fan Sensor Bracket	4
10	D-5277	Locknut - 1/4 Serrated.....	4
11	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg	4
12	D-4838	Nylon Tie Strap - 14 1/2 Lg (Black)	AsReq
Replacement Connectors			
A	N29384	Weather Pak Connector - BLACK - 2 Pin Plug	
B	N29385	Weather Pak Connector - BLACK - 2 Pin Socket	
C	N27613	Weather Pak Connector - BLACK - 3 Pin Plug (Male)	
D	N27614	Weather Pak Connector - BLACK - 3 Pin Socket (Female)	
T	206037-1	Amphenol - 16 Prin Plug (Female)	

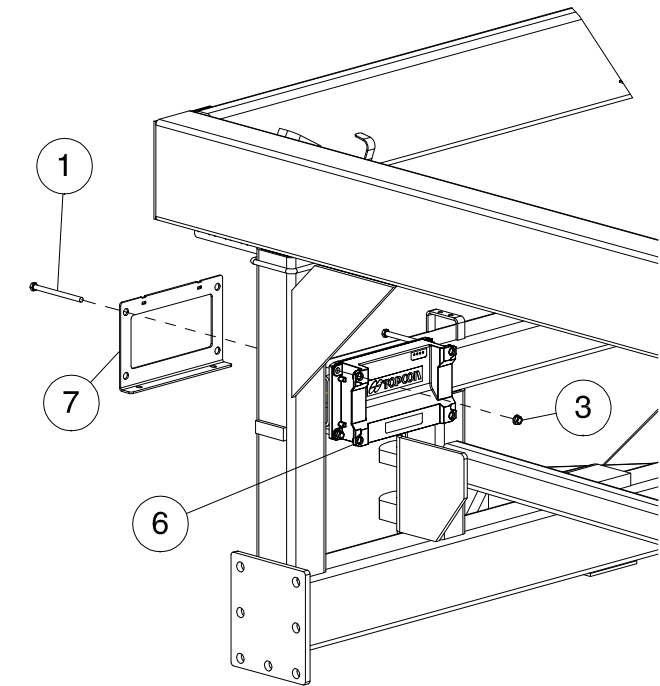
TopCon System X30 / IB1 Tractor Installation



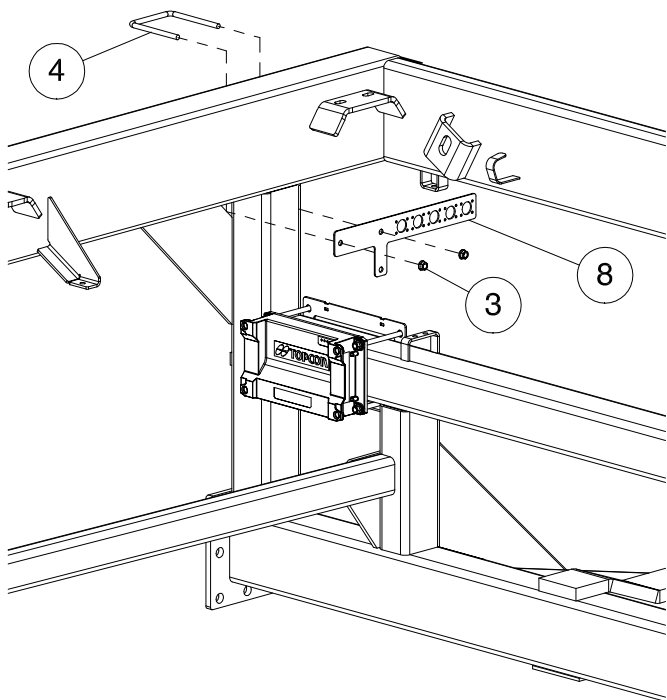
X30 / IB1 Tractor Installation

Item	Part No.	Description	Qty
		Quantities listed are for a 4 Tank system	
1	N53032	Topcon X30 Power/Comms Harness (AGA5072)	1
2	N53052	Ext Harness (AGA5251).....	1
3	N53037	ISO Bridge Adapter Harness (AGA4885)	1
4	N53053	Active Term (AGA4678)	1
5	N53054	Can Term Bias Circuit (AGK159)	1
6	N53035	GPS Reciever Harness (AGA4217)	1
7	N53034	GPS Reciever (SGR-1)	1
8	N51414	ISO Bridge (AGA4634).....	1
9	N55982	X30 Power Harness (AGA4073).....	1
10	D-4838	Nylon Tie Strap - 14 1/2 Lg (Black)	AsReq
11	N53031	X30 Console (AGA4477) - Includes Ram Mount Items (12, 13 & 14).....	1
12	N55984	Ram Mounting Ball 0- Circular Base	1
13	K45686	Ram Mounting Arm - 5"	1
14	K45685	Ram Mount Base - Ubolt.....	1
15	N53064	ISO Bridge Install Guide - Not Shown.....	1
16	N55989	USB to Serial Adapter - GPS SIMULATOR (Not Shown)	
17	N55988	Net Gear Wi-Fi Dongle - X30 (Not Shown)	
	N53033	Topcon GPS Antenna Kit (AGA4749) - Contains Items (6 & 7)	
	N53480	Topcon Base Kit (AGA4769) - Contains Items (1, 9 & 11)	
	N53030	Topcon GPS Kit (AGA4748)- Contains Items (1, 6, 7, 9 & 11)	
	N53036	Topcon ISO Bridge Seeder Kit (AGA5291) - Contains items (2, 3, 4, 5, 8 & 15)	
	N55985	Ram Arm Mounting Kit - Contains Items (12, 13 & 14)	
		Replacement Connectors	
V	DT06-4S	Deutchsh - 4 Pin Plug	
W	DT04-4P	Deutchsh - 4 Pin Receptacle	
X	DT06-2S	Deutchsh - 2 Pin Plug	
Y	DT04-2P	Deutchsh - 2 Pin Receptacle	
Z	DT06-12S	Deutchsh - 12 Pin Plug	
AA	DTM06-2S	Deutchsh - 2 Pin Plug	
AB	DTM04-2P	Deutchsh - 2 Pin Receptacle	

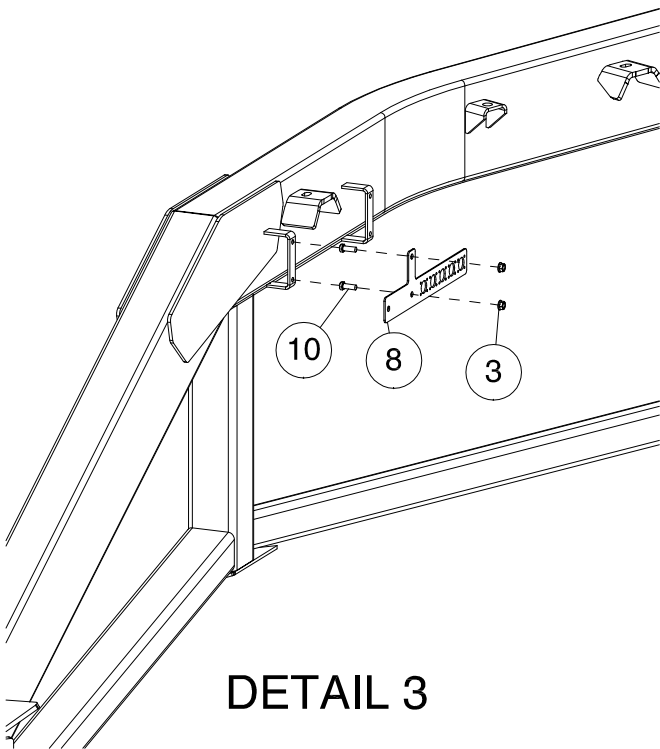
Apollo TopCon System
System Mounts



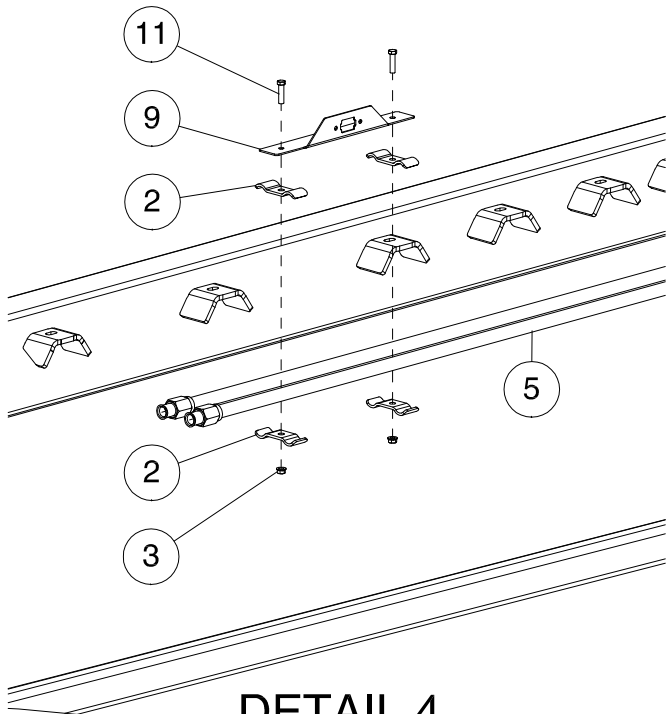
DETAIL 1



DETAIL 2

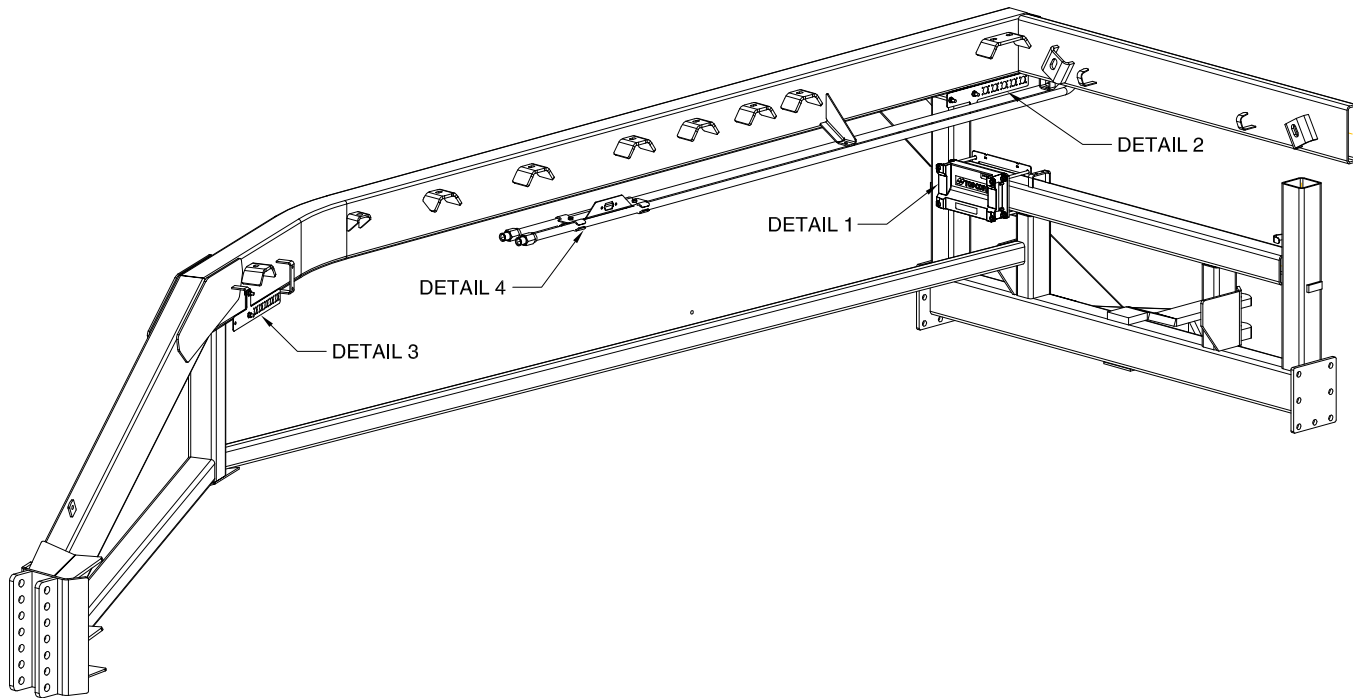


DETAIL 3



DETAIL 4

Apollo System Mounts



Item	Part No.	Description	Qty
1	C-3918	Hex Bolt - 3/8 x 5 Lg.....	4
2	D-4808	Hose Support	4
3	D-5279	Flange Locknut - 3/8	10
4	N15098	U-Bolt - 3/8 x 4 x 5	1
5	N27601	Oil Line - 1"	2
6	N55950	Topcon Master Module ECU	1
7	N58190	Apollo ECU Bracket	1
8	N58943	Apollo - 9s Bracket	2
9	N58944	Apollo - 9s Flange Adapter.....	1
10	W-475	Hex Bolt - 3/8 x 1 Lg.....	2
11	W-477	Hex Bolt - 3/8 x 1 1/2 Lg.....	2

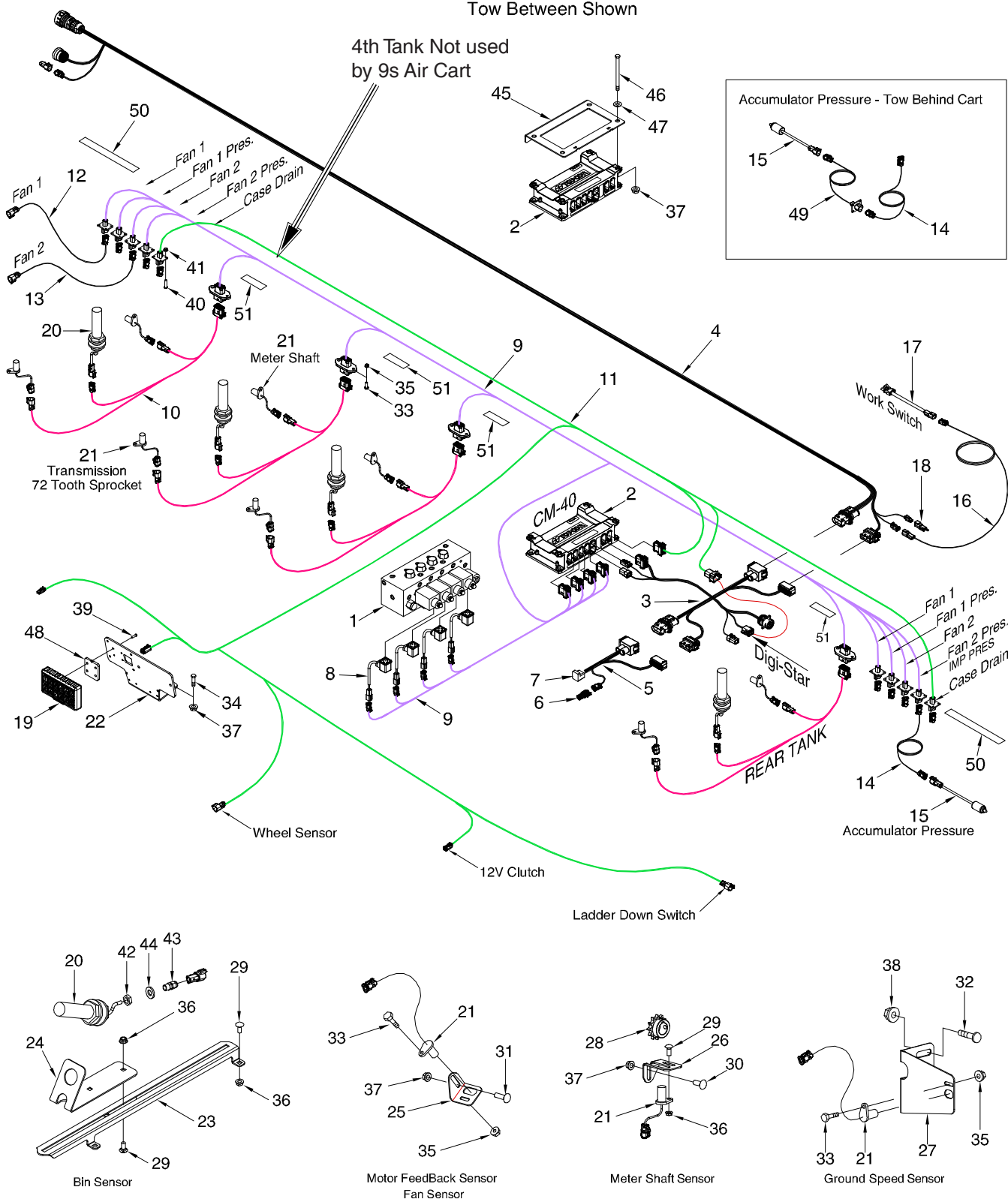
Apollo TopCon System Cart Harness

AIR CART

Tow Between Shown

4th Tank Not used
by 9s Air Cart

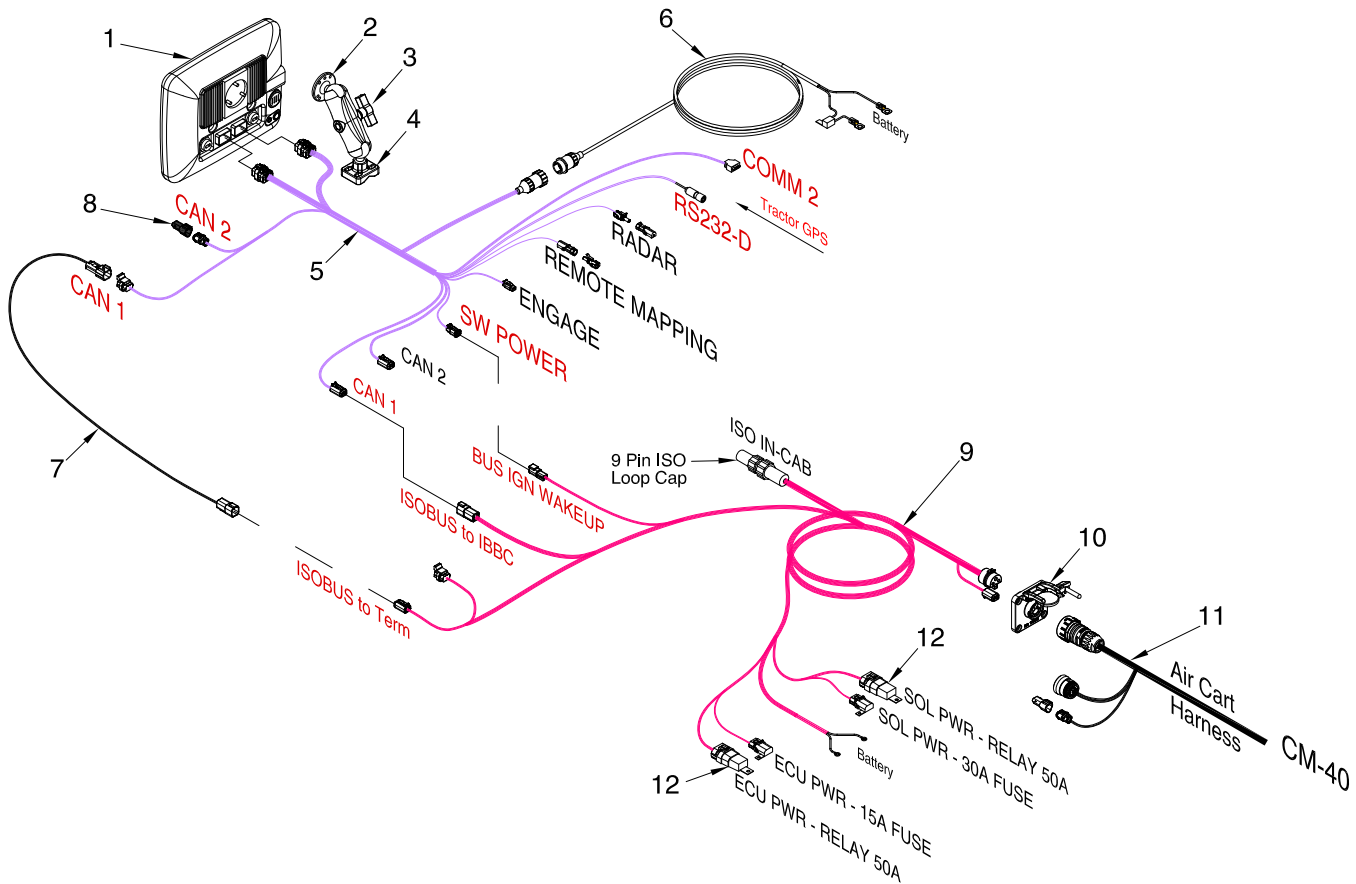
Accumulator Pressure - Tow Behind Cart



Apollo Cart Harness			
Item	Part No.	Description	Qty
		Quantities listed are for a 4 Tank system	
1	N45195	Valve Manifold Assembly.....	1
2	N55950	Apollo Master Module ECU - CM-40 - AGA5339	1
3	N56501	Harness Apollo ECU - AGA5343.....	1
4	N56502	Harness Apollo Front Trunk - 9m - AGA5448	1
5	N56505	Harness Apollo Terminator - AGA5345	1
6	N56519	Terminator Cap - AGY1355	1
7	N53054	CAN Term Bias Circuit - AGK159.....	1
8	N55258	Hirschmann Connector - AGA5318	4
9	N58110	Harness Backbone Long Chassis - 1005341-01	1
10	N58111	Harness Tank Adapter - 1005342-01	4
11	N58112	Harness Auxilary - 1005343-01	1
12	N56512	Harness Extension - 3P Deutsch - 2m - AGA4471	1
13	N56513	Harness Extension - 3P Deutsch - 5m - AGA4472	1
14	N62084	Harness Extension Adapter - 3P Deutsch - 10m - 1014888-01	1
15	N58963	Pressure Transducer - Accumulator.....	1
16	N59010	Harness Extension - Work Switch - 5m - AGA4468.....	1
17	N60323	Harness Adapter - Work Switch - 5m - 1015894-01	1
18	N59012	Safety Switch Loop	1
19	N56500	Keypad - AGA5504.....	1
20	N56507	Bin Level Sensor - AGA5478.....	4
21	N56511	Proximity Sensor - 1004033-01	9
22	N55833	Mount Plate - Bolt-On	1
23	N42149	Adjustment Plate.....	4
24	N34799	Bracket - Bin Level Sensor.....	4
25	N29296	Fan Sensor Bracket	5
26	N45199	Shaft Sensor Bracket	4
27	N37330	Ground Speed Sensor Bracket - 4 5/8 Lg	1
28	N45198	Sprocket - 40B18 - 3/4 Diameter Bore - VRT	4
29	D-5259	Carriage Bolt - 5/16 x 3/4 Lg	20
30	P7C616	Carriage Bolt - 3/8 x 1 Lg	4
31	D-5260	Carriage Bolt - 3/8 x 1 1/4 Lg	5
32	D-5265	Carriage Bolt - 1/2 x 1 Lg	2
33	W-469	Hex Bolt - 1/4 x 3/4 Lg.....	14
34	W-475	Hex Bolt - 3/8 x 1 Lg.....	2
35	D-5277	Locknut - 1/4 Serrated Flange.....	14
36	D-5278	Locknut - 5/16 Serrated Flange.....	20
37	D-5279	Locknut - 3/8 Serrated Flange.....	15
38	D14565	Locknut - 1/2 Serrated Flange.....	2
39	N59962	Machine Screw - #10 x 3/4 Lg (Hex Head)	4
40	N29486	Machine Screw - #8 x 5/8 Lg (Phillips Pan Head)	20
41	N16564	Locknut - #8-32 Serrated	20
42	N56748	Bimed Locknut - 1 Per Tank.....	4
43	N56749	Bimed Cable Gland - 1 Per Tank	4
44	N56750	M-16 Washer - Nitrile Rubber - 1 Per Tank	4
45	N58190	Bracket - ECU Mount	1
46	C-3918	Hex Bolt - 3/8 x 5 Lg.....	4
47	W-542	Flat Washer - 13/32 ID x 11/16 OD x .083 thick.....	4
48	N56949	Spacer Plate	1
49	N60921	Pressure Transducer Extension Harness - 7m - 1015895-01 (Tow Behind)	1
50	N60417	Decal - Plug ID.....	2
51	N60418	Decal - Harness ID.....	4
	D-4838	Nylon Tie Strap - 14 1/2 Lg (Black)	AsReq

Apollo TopCon System Tractor without ISO BUS - X30 Installation - 2016

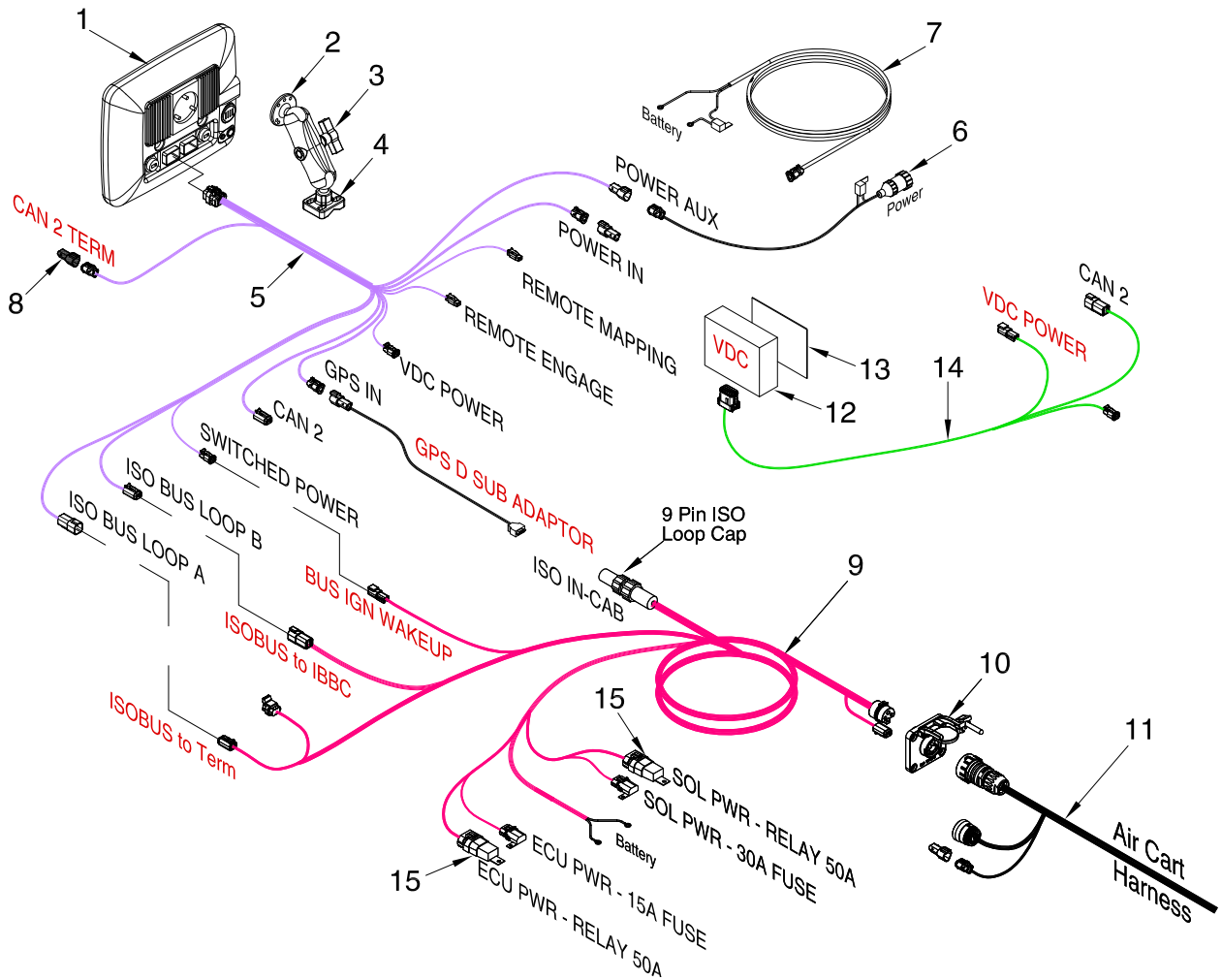
Tractor ICT Connection without ISO BUS



Item	Part No.	Description	Qty
1	N53031	X30 Console (AGA4477) - Includes Ram Mount 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	N53032	Harness - Topcon X30 Power/Comms (AGA5072)	1
6	N55982	Harness - X30 Power (AGA4073)	1
7	N56517	Harness - ISO Adapter- AGA5377	1
8	N56519	Terminator Cap - AGY1355	1
9	N58965	Harness - GEN 2 LITE (1005455-01) - Includes Items 10 and 12	1
10	N56504	Implement Breakaway Connector - IBBC (AGK163)	1
11	N56502	Harness Apollo Front Trunk - 9m - AGA5448	1
12	N72030	Relay - 50A	2
	N55985	Ram Arm Mounting Kit - Contains Items (2, 3 & 4)	
	N55030	X30 110v Power Adapter Desktop (Not Shown) (AGA4957)	

Apollo TopCon System Tractor without ISO BUS - X30 Installation - 2017

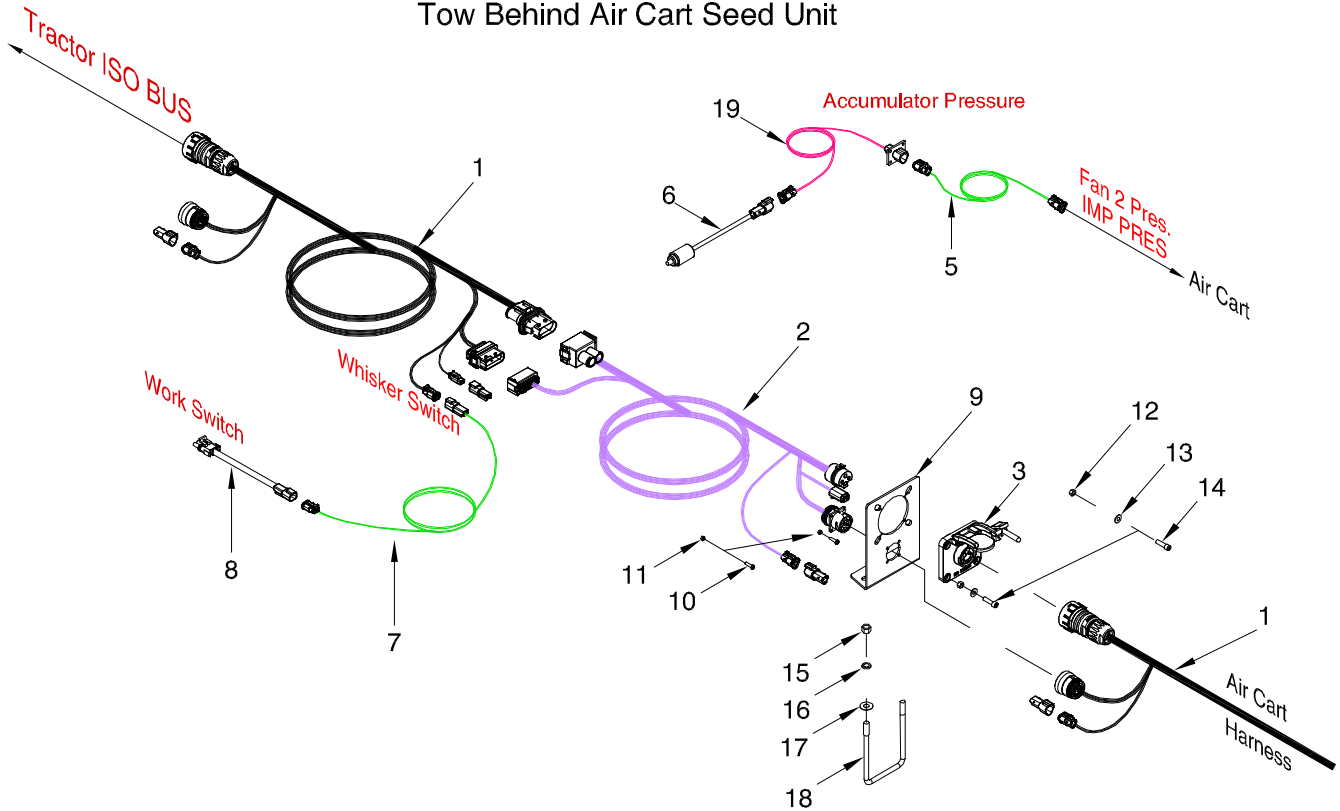
Tractor ICT Connection without ISO BUS



Item	Part No.	Description	Qty
1	N53031	X30 Console (AGA4477) - Includes Ram Mount 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	N60920	Harness - Topcon X30 Power/Comms (1006259-01)	1
6	N62370	Harness - X30 Power (AGA5246)	1
7	N62371	Harness - X30 Power (1006970-01) - Optional	1
8	N56519	Terminator Cap - AGY1355	1
9	N58965	Harness - GEN 2 LITE (1005455-01) - Includes Items 10 and 15	1
10	N56504	Implement Breakaway Connector - IBBC (AGK163)	1
11	N56502	Harness Apollo Front Trunk - 9m - AGA5448	1
12	N68947	VDC Jog Wheel Controller (1003393-01) - Optional	1
13	N68948	VDC Controller Bracket (AGA5486) - Optional	1
14	N68949	VDC Harness (1004112-01) - Optional	1
	N58959	VDC Kit (1005089-01) - Includes Items 12, 13 and 14	1
15	N72030	Relay - 50A	2
	N55985	Ram Arm Mounting Kit - Contains Items (2, 3 & 4)	
	N55030	X30 110v Power Adapter Desktop (Not Shown) (AGA4957)	

Apollo TopCon System Seed Unit - Tow Behind Cart

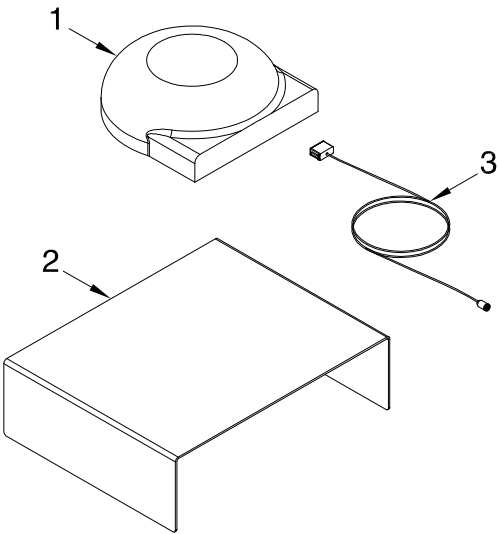
Tow Behind Air Cart Seed Unit



Item	Part No.	Description	Qty
1	N56502	Harness Apollo Front Trunk - 9m - AGA5448	1
2	N56503	Harness Apollo Rear Trunk - 9m - AGA5446	1
3	N56504	Implement Breakaway Connector - IBBC (AGK163)	1
4	N56513	Harness Extension - 3P Deutsch - 5m - AGA4472	1
5	N62084	Harness Extension Adapter - 3P Deutsch - 10m - 1014888-01	1
6	N58963	Pressure Transducer - Accumulator	1
7	N59010	Harness Extension - Work Switch - 5m - AGA4468.....	1
8	N60323	Harness Adapter - Work Switch - 5m - 1015894-01	1
9	N60321	Bracket - IBBC Mount	1
10	N29486	Machine Screw - #8 x 5/8 Lg (Phillips Pan Head)	4
11	N16564	Locknut - #8-32 Serrated	4
12	N22778	Locknut - 1/4 Nylon Insert.....	4
13	N40748	Flat Washer - 17/64 ID x 3/4 OD x 0.062 thick.....	4
14	N60320	Cap Screw - 1/4 x 7/8 Lg.....	4
15	W-514	Hex Nut - 3/8.....	2
16	W-523	Lockwasher - 3/8.....	2
17	D-5579	Flat Washer - 13/32 ID x 1 OD x 16GA	2
18	N49642	U-Bolt - 3/8 x 3 1/16 x 4 15/16 UL	1
19	N60921	Pressure Transducer Extension Harness - 7m - 1015895-01	1

Apollo TopCon System

AGI-4 Receiver Kit



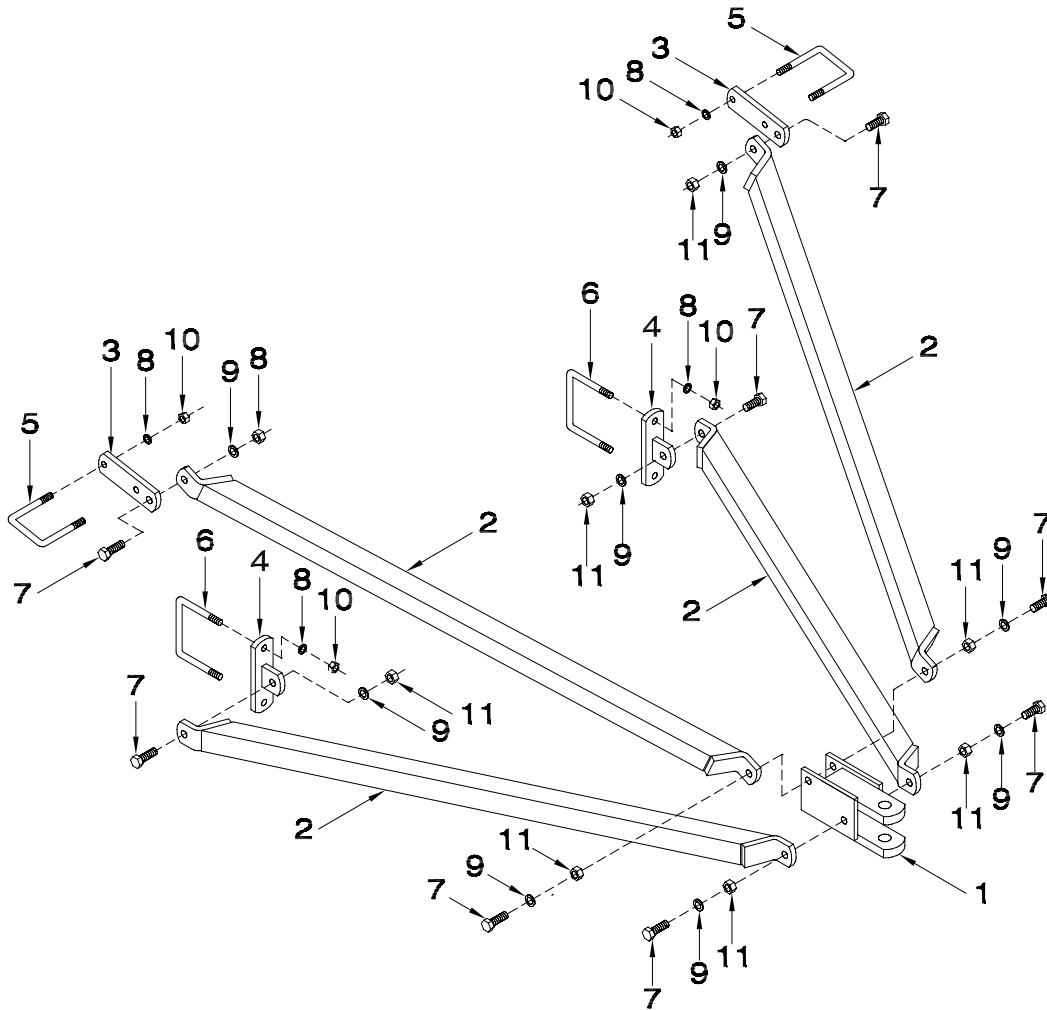
Item	Part No.	Description	Qty
1	N56900	AGI-4 Receiver (01-104701-01).....	1
2	N58100	AGI-4 Roof Bracket Universal (1001005-01).....	1
3	N58101	AGI-4 Roof Harness (AGA5250).....	1
	N56904	Kit - AGI-4 Receiver (Includes Above Items)	

Section 12: Options

Section Contents

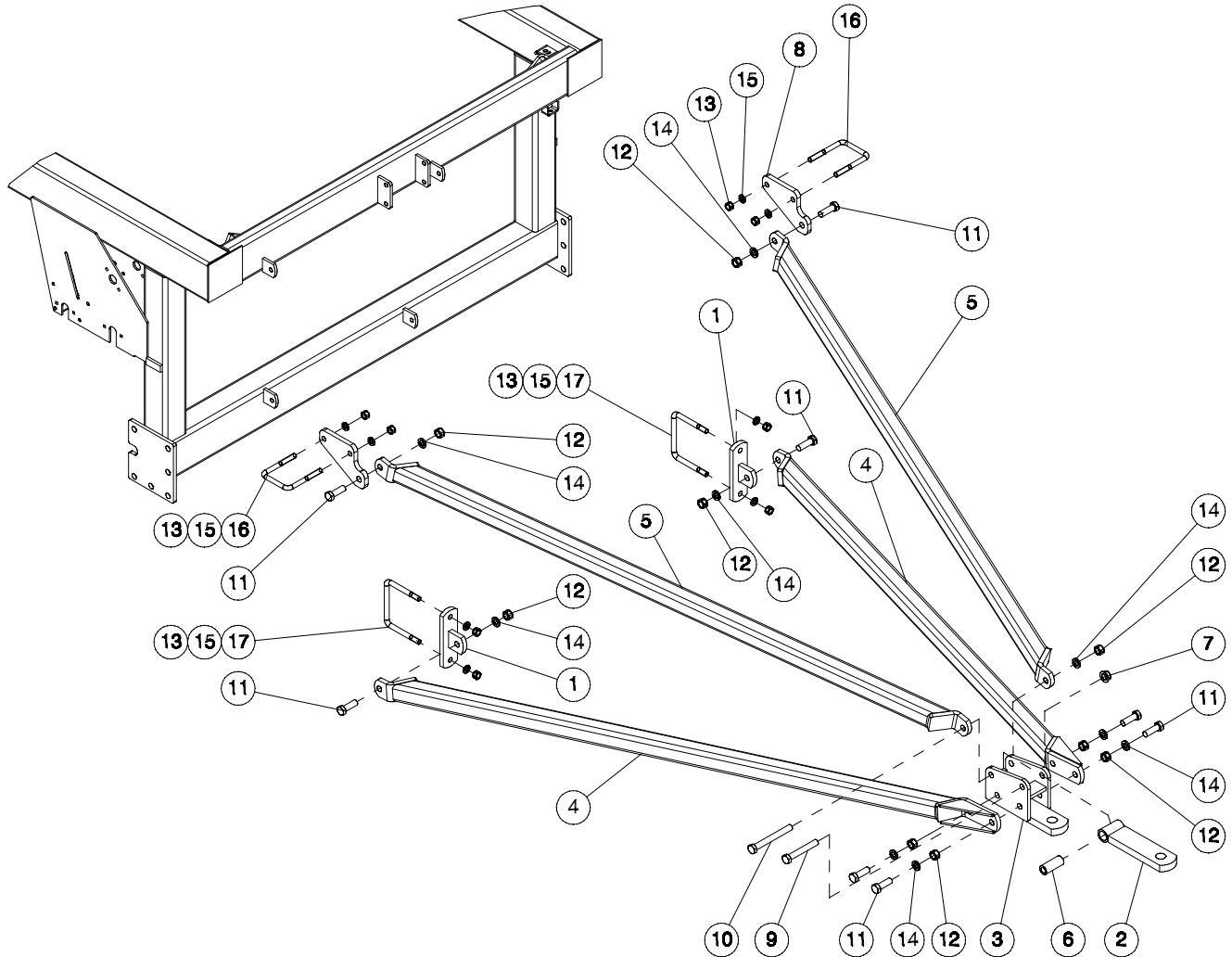
Rear Tow Hitch - Tow Behind Cart.....	12-2
Rear Tow Hitch - Long - Tow Behind Cart	12-3
Hyd Extension Kit for Rear Tow Hitch	12-4
Hitch Extension Kit for Tow Between Cart	12-5

Options Rear Tow Hitch - Tow Behind Cart



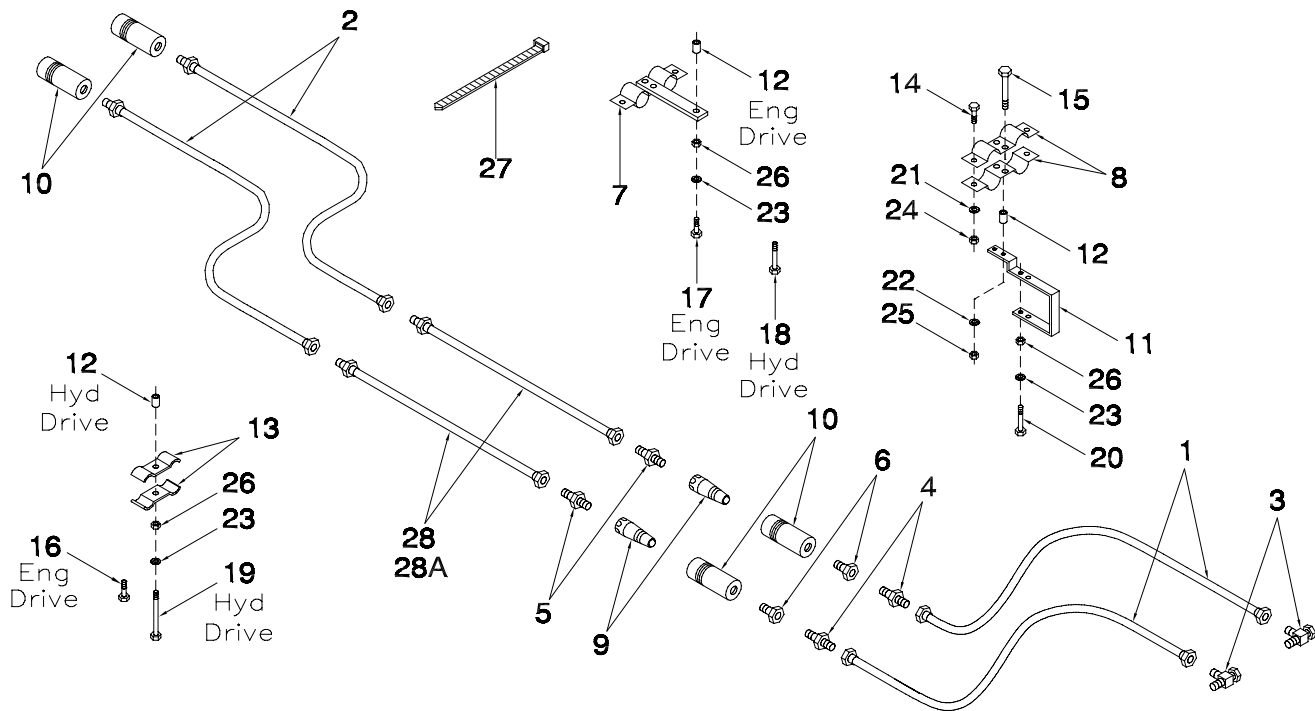
Item	Part No.	Description	Qty
1	N27580	Tongue - Packer Hitch	1
2	N27583	Tube- Packer Hitch	4
3	N27579	Hitch Bracket - Top	2
4	N27586	Hitch Bracket - Bottom	2
5	C-219	U-Bolt - 5/8 x 4 x 5 9/16 Lg	2
6	F-4642	U-Bolt - 5/8 x 6 x 5 1/2 Lg	2
7	W-1553	Hex Bolt - 3/4 x 2 1/4 Lg.....	8
8	W-526	Lockwasher - 5/8.....	8
9	W-527	Lockwasher - 3/4.....	8
10	W-517	Hex Nut - 5/8.....	8
11	W-518	Hex Nut - 3/4.....	8
	H27840	Kit - Packer Hitch - Tow Behind Cart (Includes all above items) (ORDER THROUGH WHOLEGOODS)	

Options Rear Tow Hitch - Long - Tow Behind Cart



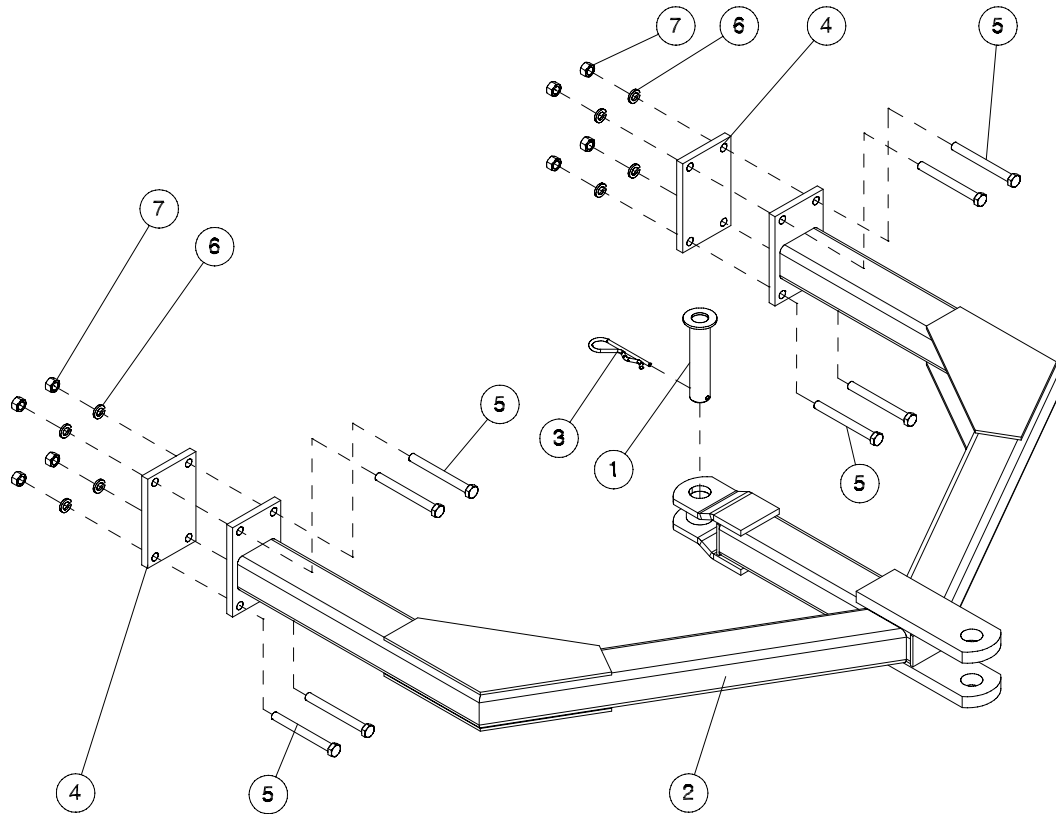
Item	Part No.	Description	Qty
1	N27586	Hitch Bracket - Bottom	2
2	N34298	Hammer Strap.....	1
3	N34299	Hitch Tongue.....	1
4	N34396	Bottom Brace - Tow Hitch	2
5	N34398	Top Brace - Tow Hitch	2
6	N34354	Bushing	1
7	D12942	Flange Lock Nut - 3/4 Serrated	1
8	N34456	Top Hitch Bracket	2
9	S-1191	Hex Bolt - 3/4 x 5 Lg.....	1
10	C-3525	Hex Bolt - 3/4 x 6-1/2 Lg	1
11	W-1553	Hex Bolt - 3/4 x 2 1/4 Lg.....	8
12	W-518	Hex Nut - 3/4	9
13	W-517	Hex Nut - 5/8.....	8
14	W-527	Lockwasher - 3/4.....	9
15	W-526	Lockwasher - 5/8.....	8
16	C-219	U-Bolt - 5/8 x 4 x 5 9/16	2
17	F-4642	U-Bolt - 5/8 x 6 x 5 1/2	2
	N34399	Kit - NH3 Tank Tow Hitch - Tow Behind Cart (Includes all above items) (ORDER THROUGH WHOLEGOODS)	

Options Hyd Extension Kit for Rear Tow Hitch



Item	Part No.	Description	Qty
1	H18267	Hyd Hose - 1/4 x 96 Lg w/9/16-18 FJIC	2
2	N15041	Hyd Hose - 1/2 x 293 Lg w/7/8-14 FJIC x 1/2 MNPT	2
3	C-4403	Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC	2
4	C-4405	Connector - 9/16-18 MJIC x 3/8 MNPT.....	2
5	C-4399	Connector - 7/8-14 MJIC x 1/2 MNPT	2
6	C-719	Reducer - 1/2 MNPT x 3/8 FNPT	2
7	S-1379	Pioneer Coupler Assembly	1
8	N16608	Pioneer Clamp.....	2
9	C-817	Male Pioneer Tip - 1/2 FNPT	2
10	C-818	Pioneer Coupler - 1/2 FNPT.....	4
11	N21691	Mounting Bracket.....	1
12	N16257	Spacer	3
13	D-4808	Oil Line Clamp.....	2
14	W-469	Hex Bolt - 1/4 x 3/4	2
15	W-473	Hex Bolt - 5/16 x 1 1/2	2
16	W-187	Hex Bolt - 3/8 x 1 1/4	1
17	W-619	Hex Bolt - 3/8 x 1 3/4	1
18	D-5249	Hex Bolt - 3/8 x 3 1/4	1
19	S-1299	Hex Bolt - 3/8 x 4 1/2	1
20	C-3918	Hex Bolt - 3/8 x 5.....	1
21	W-521	Lockwasher - 1/4	2
22	W-522	Lockwasher - 5/16	2
23	W-523	Lockwasher - 3/8	3
24	W-512	Hex Nut - 1/4	2
25	W-513	Hex Nut - 5/16.....	2
26	W-514	Hex Nut - 3/8	3
27	D-4838	Tie Strap	6
28	C15310	Hyd Hose - 1/2 x 72 Lg w/7/8-14 MJIC x 7/8-14 FJIC - 9240 / 9252 / 9300	2
	H25645	Kit - Hydraulic Extension - 9240 / 9252 / 9300 (Includes All Items Except #28) (ORDER THROUGH WHOLEGOODS)	

Options Hitch Extension Kit for Tow Between Cart

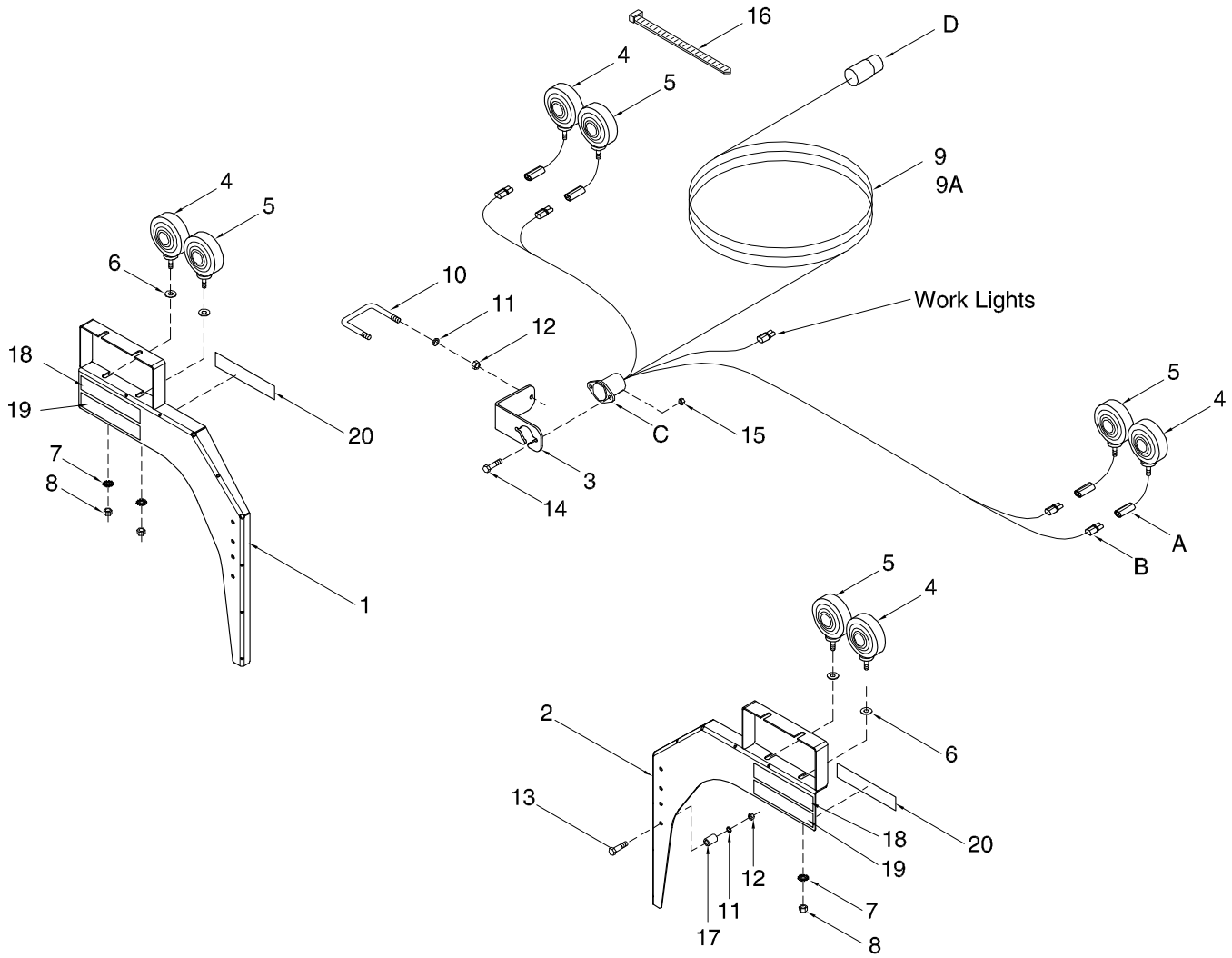


Item	Part No.	Description	Qty
1	N49640	Pin - 1 1/2 Dia x 6 1/2 UL.....	1
2	N36195	Extended Hitch.....	1
3	P1318510	Hairpin - #19 - 1/4 x 4 3/8.....	1
4	N36191	Plate.....	2
5	C-507	Hex Bolt - 5/8 x 6 Lg.....	8
6	W-526	Lockwasher - 5/8.....	8
7	W-517	Hex Nut - 5/8.....	8
	N36198	Kit - Hitch Extension - Tow Between Carts (Includes all above items) (ORDER THROUGH WHOLEGOODS)	

Section 13: Lighting

Section Contents	
9s Series Air Cart	13-2

Safety Lights 9s Series Air Cart



Safety Lights - 9s Series Air Cart

Item	Part No.	Description	Qty
1	N32041	Bracket - Mounting Left	1
	N37693	Bracket - Mounting Left - 3 Meter Cart	1
2	N32040	Bracket - Mounting Right.....	1
	N37690	Bracket - Mounting Right - 3 Meter Cart.....	1
3	N32001	Bracket - Mounting	1
4	C32765	Light - Amber.....	2
5	C32766	Light - Red	2
6	W-539	Flat Washer - 1/2.....	3
7	D-5280	Star Washer - 1/2	3
8	W-516	Hex Nut - 1/2	3
9	C32051	Wiring Harness - Main Tow Behind.....	1
9A	C31497	Wiring Harness - Main Tow Between.....	1
10	N15098	U-Bolt - 3/8 x 4 x 5	1
11	W-523	Lockwasher - 3/8.....	6
12	W-514	Hex Nut - 3/8	6
13	W-475	Hex Bolt - 3/8 x 1 lg.....	4
	W-1854	Hex Bolt - 3/8 x 3 lg (Used with item 17)	4
14	N29048	Carriage Head Bolt - 5/16 x 1 lg.....	2
15	D-5278	Serrated Nut - 5/16.....	2
16	D-4951	Nylon Tie Strap - 7 3/8 lg.....	14
17	N19058	Spacer Bushing.....	4
23	N34476	Reflector - Red	2
24	N34478	Reflector - Orange.....	2
25	N34477	Reflector - Amber	2
	C32761	Red Acrylic Lens	
	C32762	Amber Acrylic Lens	
	C32515	Bulb - #1156 (Amber Light)	
	C32656	Bulb - #1157 (Red Light)	
A	C32681	Receptacle Connector Assembly - GRAY - 2 Pin	
B	C32682	Plug Connector Assembly - GRAY - 2 Pin	
C	C32686	Connector Assembly - 7 Pin Socket	
	C32684	Interior - Socket - 7 Pin Connector	
	C32685	Protective Boot - Socket - 7 Pin Connector	
D	C32690	Connector Assembly - 7 Pin Plug (Complete with Cable Protector Spring)	
	C32688	Interior - Plug - 7 Pin Connector	
	C32689	Cable Protector Spring - Plug - 7 Pin Connector	
		ORDER KITS THROUGH WHOLE GOODS ONLY	
	N30746	Air Cart Light Kit (Tow Between) Includes item 1-16 except 9	
	N32053	Air Cart Light Kit (Tow Behind) Includes item 1-16 except 9A	

Index

A A3739 11-13 B BW-8 8-4, 8-7 BW-11 1-11 C C-219 1-11, 1-13, 1-15, 4-25, 4-27, 4-31, 4-33 C-304 1-13 C-333 1-15 C-507 12-5 C-695 1-11, 1-13, 1-15 C-705 1-15 C-719 12-4 C-817 9-3, 9-7, 10-9, 9-9, 9-10, 10-11, 10-3, 9-5, 10-7, 10-9, 10-6 C-818 9-10, 10-5, 12-4 C-1471 4-35 C-1472 8-5, 8-7 C-1550 1-11, 2-7, 2-9, 9-10 C-3035 10-9, 9-9, 10-11, 10-3, 9-6, 10-7 C-3525 12-3 C-3684 4-25, 4-31 C-3918 1-3, 1-5, 1-9, 1-15, 9-3, 1-7, 1-11, 9-6, 10-3, 10-6, 11-19 C-4367 9-10 C-4369 9-10 C-4385 9-10 C-4387 9-9, 10-11, 9-5, 10-6 C-4399 9-9, 10-11, 9-5, 10-9, 10-6 C-4400 9-10 C-4402 9-9, 10-11, 9-5, 10-6 C-4403 12-4 C-4405 12-4 C-4651 1-11 C-4698 9-3, 11-5, 9-9, 9-10, 10-11, 10-3, 9-6, 10-9, 11-3, 10-6 C14840 9-9, 10-11, 9-5, 10-6 C15310 12-4 C15318 10-9, 9-9, 10-11, 9-5, 10-6, 10-7, 10-9 C18597 1-15 C18760 1-11 C18761 1-15 C22785 8-4, 8-7 C25809 5-11, 6-7	C26343 9-9, 10-9, 10-11 C26358 10-9, 9-9, 10-11, 10-3, 9-5, 10-6, 10-7 C26701 1-13 C29572 2-7 C29579 2-7 C31374 2-7 C31497 13-3 C32051 13-3 C32515 13-3 C32656 13-3 C32681 13-3 C32682 13-3 C32684 13-3 C32685 13-3 C32686 13-3 C32688 13-3 C32689 13-3 C32690 13-3 C32761 13-3 C32762 13-3 C32765 13-3 C32766 13-3 D D-4808 9-3, 11-17, 9-6, 10-3, 10-6 D-4838 9-3, 11-5, 9-7, 10-9, 9-9, 10-11, 9-6, 10-7, 10-9, 10-4, 10-7, 11-11, 11-13, 11-15, 11-19, 11-3 D-4951 13-3 D-5011 5-4, 5-8 D-5016 5-5, 5-9 D-5098 1-3, 1-5, 1-7 D-5140 1-11 D-5204 4-35 D-5234 6-3, 5-4, 5-8, 6-5, 6-7, 5-11 D-5239 1-17, 3-2, 3-3 D-5247 1-13, 4-35, 3-3 D-5249 9-3, 10-3, 9-6, 10-6 D-5259 1-3, 1-5, 1-9, 2-5, 6-3, 11-5, 6-5, 1-7, 4-13, 4-17, 5-11, 4-11, 4-15, 11-3, 6-7, 11-11, 11-19 D-5260 2-5, 4-35, 6-7, 11-11, 11-13, 11-19 D-5265 11-11, 11-19 D-5272 1-3, 1-5, 1-7 D-5274 1-11 D-5277 2-9, 7-2, 4-20, 4-21, 4-25, 4-27, 4-31, 4-33, 4-38, 4-39, 4-40, 4-40, 6-7, 8-5, 8-7, 11-11, 11-	13, 11-19 D-5278 1-3, 1-5, 1-9, 4-35, 4-3, 6-3, 4-5, 11-5, 6-5, 1-7, 8-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-7, 4-18, 4-19, 4-39, 4-40, 5-11, 4-40, 8-5, 6-7, 11-11, 11-19, 11-3 D-5279 1-3, 1-5, 1-11, 1-13, 1-15, 1-7, 8-7, 10-11, 4-13, 4-17, 11-17, 4-20, 4-21, 4-25, 4-27, 4-11, 4-15, 4-31, 4-33, 8-5, 6-7, 5-11, 9-6, 10-9, 10-7, 11-11, 11-13, 11-19 D-5280 13-3 D-5487 8-5, 8-7 D-5488 2-3, 1-3, 1-5, 2-2, 1-7 D-5489 1-3, 1-5, 1-7, 1-11, 4-15, 4-17 D-5499 3-2 D-5500 2-5 D-5579 1-3, 1-5, 4-35, 4-3, 4-5, 4-7, 1-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-25, 4-27, 4-31, 4-33, 11-22 D-5590 4-35 D10553 1-11 D10747 6-3, 6-5, 6-7 D10788 8-5, 8-7 D10803 8-5, 8-7 D12942 12-3 D14565 1-11, 1-15, 11-11, 11-19 D17808 5-4, 5-8, 5-11 D17946 6-3, 6-5, 6-7 F F-1767 , 10-9, 10-11, 4-18, 4-19, 10-3, 9-6, 10-7 F-3056 5-5, 5-9 F-3405 1-3, 1-5, 8-7, 1-11, 1-13, 1-15, 1-17, 8-5, 1-7 F-4560 9-9, 10-11, 9-5, 10-6 F-4642 12-2, 12-3 F10384 2-8 H H-4584 5-4, 5-8 H10462 1-15 H10592 2-7 H18267 12-4 H18268 2-9 H18746 2-8	H25645 12-4 H27840 12-2 H27963 1-15 J J12281 8-5, 8-7 K K-3830 1-13, 1-17 K-5806 9-9, 10-11, 9-5, 10-6 K45685 11-15, 11-20, 11-21 K45686 11-15, 11-20, 11-21 M M-3388 1-3, 1-5, 4-35, 5-5, 8-7, 10-13, 11-5, 1-7, 8-5, 11-3, 11-7 N N11457 2-5 N11470 4-31, 4-33, 4-39, 4-40, 11-9 N11575 1-17 N11847 2-5, 4-34 N11905 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-18, 4-19, 4-25, 4-27, 4-31, 4-33, 4-38 N11907 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-18, 4-19 N13900 1-3, 1-5, 1-7 N13901 9-3, 9-6, 10-3, 10-6 N13950 3-3 N13951 1-17, 3-3 N13952 3-3 N13953 3-3 N13954 1-17, 3-3 N13955 3-3 N13956 3-3 N13957 1-13, 1-17, 3-3 N13958 3-3 N13959 1-13, 1-17, 3-3 N13962 1-17, 3-3 N13964 3-3 N13968 3-3 N15014 1-13 N15022 4-25, 4-27, 4-31, 4-33 N15032 9-9, 10-11, 9-5, 10-6 N15041 12-4 N15045 8-4, 8-7 N15094 1-9
---	---	---	--

N15096 4-25,4-31	N16471 11-3,11-5	N19196 1-11	N19496 1-3,1-5,1-7
N15097 4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17,4-25,4-27,4-31,4-33	N16473 11-3,11-5	N19203 1-11	N19531 4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17,4-25,4-27,4-31,4-33
N15098 2-7,4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17,11-17,4-25,4-27,4-31,4-33	N16504 4-27,4-33	N19211 1-3,1-5,1-7	N19548 9-10
N15102 4-25,4-27,4-31,4-33	N16507 4-27,4-33	N19220 5-4,5-8	N19549 10-9,10-4,10-9,10-11
N15105 4-3,4-5,4-7,4-9	N16563 11-3,11-5	N19221 5-4	N19563 1-3,1-5,1-7
N15107 4-25,4-27,4-31,4-33	N16564 11-3,11-5,11-19,11-22	N19224 5-4,5-8	N19577 5-4,5-8,5-11
N15114 2-2,2-3	N16608 9-3,9-10,10-3,9-5,10-6	N19232 5-4,5-8	N19578 9-3,9-5,10-3,10-6
N15135 4-23,4-25,4-27,4-29,4-31,4-33	N16621 9-3,9-7,10-9,9-9,10-11,10-4,9-6,10-7	N19237 5-4,5-8	N19586 3-2
N15462 8-4,8-7	N16689 4-27,4-33	N19258 5-4,5-8	N19596 1-17
N15594 4-25,4-27,4-31,4-33	N16708 7-2	N19261 5-4,5-8	N19599 11-3,11-5
N15595 4-25,4-27,4-31,4-33	N16709 7-2	N19269 2-2,2-3	N19687 2-2,2-3,6-3,5-4,6-5,,
N15716 2-3,1-3,1-5,1-9,2-2,2-5,1-7,4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17	N16710 7-2	N19288 5-4,5-8	N19693 4-18,4-19
N15757 4-35,5-5,5-8	N16712 7-2	N19307 1-11,1-13	N19700 4-3,4-5,4-7,4-9
N15930 4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17	N16716 7-2	N19336 9-5,10-3,10-6	N19706 6-3,5-4,5-8,6-5,6-7,5-11
N15982 8-7,9-9,10-11,9-5,10-6	N16731 8-7,10-11,8-4,9-9,9-5,10-6	N19337 10-9,9-9,10-11,10-3,9-5,10-6,10-7	N19709 3-2
N15983 8-5,8-7	N16853 5-5,5-9,5-11,6-7	N19338 9-5,10-3,10-6	N19713 10-9,9-9,10-11,10-3,9-5,10-6,10-7
N15991 9-3,10-9,10-3,9-5,10-6	N16862 2-9,5-4,5-8	N19339 9-5	N19717 1-11,4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17
N16028 1-17	N16903 5-4,5-8	N19340 10-9,9-9,10-11,10-3,9-5,10-6,10-7	N19727 3-2
N16030 1-17	N17217 8-4,8-7	N19341 10-9,9-9,10-11,10-3,9-5,10-6,10-7	N19736 8-4,8-7
N16032 1-17	N17232 8-5,8-7	N19342 9-3,9-5	N19737 8-7
N16113 5-4,5-8,5-11	N19000 2-5,4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17	N19343 9-3,9-5,10-3,10-6	N19745 8-4,8-7
N16143 9-7,10-9,9-9,10-9,10-11	N19020 8-5	N19344 9-3,9-5,10-3,10-6	N19760 5-8,6-5
N16156 5-4,5-8	N19023 9-3,9-7,10-9,9-9,10-11,10-4,9-6,10-7	N19345 10-4,10-7	N19762 2-9
N16181 9-7,10-9,9-9,10-9,10-11	N19025 1-9	N19346 9-3,9-5,10-3,10-6	N19777 8-4,8-7
N16226 1-11	N19029 1-11,1-15	N19348 9-3	N19778 8-5,8-7
N16257 12-4	N19031 8-7,8-5,10-9,10-11,10-4,9-6,10-7	N19357 9-3,9-5,10-3,10-6	N19784 8-4,8-7
N16263 7-2,9-3,9-7,10-9,9-9,10-11,10-3,9-5,10-6,10-7	N19032 8-5,8-7	N19365 9-5,10-6	N19785 6-7
N16346 9-3,9-6,10-4,10-7	N19033 8-5,8-7	N19366 1-3,1-5,1-7	N19791 1-3,1-5,1-7
N16359 9-3,9-7,10-9,9-9,10-11,10-3,9-5,10-6,10-7	N19034 8-5,8-7	N19368 1-11	N19795 1-13
N16388 9-3,9-7,10-9,9-9,10-11,10-3,9-5,10-6,10-7	N19039 4-3,4-5,4-7,4-9	N19406 4-25,4-27,4-31,4-33	N21076 8-4
N16399 9-3,9-7,10-9,9-9,10-11,10-3,9-5,10-6,10-7	N19042 4-3,4-5,4-7,4-9	N19423 1-13	N21079 8-7
N16454 9-7,10-9,9-9,10-9,10-11	N19051 1-11	N19428 4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17,4-18,4-19	N21189 10-9,10-7,10-11
	N19054 1-11	N19432 9-6,10-4,10-7	N21266 1-3,1-5,1-7
	N19055 1-11	N19434 9-3,9-5,10-3,10-6	N21287 2-9
	N19058 1-11,1-15	N19437 1-9,2-5	N21288 6-3,5-4,5-8,6-5,6-7,5-11
	N19065 1-11	N19448 1-11,4-3,4-5,4-7,4-9,4-11,4-13,4-15,4-17	N21293 8-7
	N19108 1-3,1-5,1-7		N21294 8-4,8-7
	N19109 1-3,1-5,1-7	N19449 2-5,6-3,6-5,8-7,4-19,8-4,4-18	N21300 1-11,1-17
	N19127 1-3,1-5,1-7	N19458 9-3,9-6,9-10,10-3,10-6	N21450 1-3,1-5,1-7
	N19155 2-5	N19460 6-3,5-4,5-8,6-5,5-11	N21602 2-2,2-3
	N19166 1-11		N21604 1-9
	N19167 3-2	N19470 2-9	N21612 2-2,2-3
	N19168 3-2	N19475 9-3,9-5,10-3,10-6	N21632 9-3,9-6,10-3,10-6
	N19169 3-2		N21659 2-2,2-3
	N19170 3-2	N19480 8-7	N21672 5-8,5-11
	N19171 3-2	N19481 8-7	N21690 9-3,9-5,10-3,10-6
	N19172 3-2	N19482 1-17	N21691 9-3,10-3,9-5,10-6
	N19173 3-2	N19484 1-17,3-2,3-3	N21709 1-17
	N19192 8-5		N21711 1-17
	N19195 8-7		

N21712 1-17	N25755 3-3	N27429 5-5, 5-9	N27759 8-4, 8-7
N21716 1-17	N25764 8-5, 8-7	N27430 5-5, 5-9	N27760 8-4
N21717 1-17	N27005 1-3, 1-5, 1-7	N27431 5-5, 5-9	N27761 8-4, 8-7
N21718 1-17	N27011 2-9, 5-5, 5-9	N27432 5-5, 5-9	N27765 8-4
N21721 9-9, 10-11, 9-5, 10-6	N27012 2-9, 5-5, 5-9	N27433 5-5, 5-9	N27843 4-35
N21728 1-17	N27021 1-11, 1-15	N27434 5-5, 5-9	N27856 1-3, 1-5, 10-13, 1-7
N21735 8-4	N27025 1-13	N27435 5-5, 5-9	N27864 1-11, 1-15, 5-11, 6-7
N22777 6-3, 5-4, 5-8, 6-5, 6-7, 5-11	N27035 1-13	N27436 5-5, 5-9	N27872 4-15, 4-17
N22778 2-5, 6-3, 6-5, 4-34, 8-7, 4-13, 4-17, 5-11, 4-11, 4-15, 8-5, 6-7, 11-22	N27041 1-11, 1-13, 1-15	N27437 5-5, 5-9	N28163 1-9
N22793 1-11	N27042 1-11, 1-13, 1-15	N27438 5-5, 5-9	N28164 1-9, 5-11, 6-7
N22794 1-11	N27059 1-11, 1-13, 1-17	N27439 5-5, 5-9	N28165 1-9, 5-11, 6-7
N22797 1-11	N27060 1-15	N27440 5-5, 5-9	N28170 1-9
N22799 8-4, 8-7	N27065 1-11, 1-17	N27441 5-5, 5-9	N28184 1-9
N22800 1-11	N27070 1-11, 1-13, 1-15	N27442 5-5, 5-9	N28185 1-9
N22802 8-4, 8-7	N27087 2-2, 2-3	N27443 5-5, 5-9	N28190 7-2
N22809 8-4, 8-7	N27088 2-2, 2-3	N27444 5-5, 5-9	N28192 1-9
N23188 8-7	N27089 2-2, 2-3	N27445 5-5, 5-9	N28327 8-4
N24301 1-11, 1-15	N27090 2-2, 2-3	N27450 4-13, 4-17	N28328 8-4
N24302 11-3, 11-5	N27097 2-2, 2-3	N27455 1-3, 1-5, 1-7	N28332 9-10
N24391 11-3, 11-5	N27098 2-2, 2-3	N27465 1-11	N28492 2-2, 2-3, 2-10
N24396 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-25, 4-27, 4-31, 4-33, 4-38	N27099 2-2, 2-3	N27490 4-3, 4-5	N28575 8-4
N24412 1-11, 1-15	N27100 1-3, 1-5, 1-9, 2-2, 2-5, 1-7	N27495 4-11, 4-13	N28658 9-3, 9-6, 10-4, 10-7
N24421 8-4, 8-7	N27119 11-6	N27579 12-2	N28659 9-3, 9-6, 10-4, 10-7
N24583 2-9	N27329 4-25, 4-27, 4-31, 4-33	N27580 12-2	N28663 1-9
N24774 5-4, 5-8	N27350 5-5, 5-9, 5-11	N27583 12-2	N28671 11-3, 11-5
N24775 1-11, 1-13, 1-15	N27360 4-18, 4-19	N27586 12-2, 12-3	N28789 1-17
N24779 5-5, 5-9, 6-3, 6-5	N27370 5-5, 5-9, 5-11	N27589 9-3, 9-5, 10-3, 10-6	N28805 4-34
N24780 5-4, 5-8, 6-3, 6-5	N27375 1-5	N27600 5-4, 5-8	N28806 4-34
N24782 5-4, 5-8	N27380 1-5	N27601 9-3, 11-17, 10-3, 9-5, 10-6	N28807 4-34
N24792 1-3, 1-5, 1-7	N27395 5-5, 5-9, 5-11	N27602 9-3, 9-5, 10-3, 10-6	N28808 4-34
N25319 8-7, 10-11, 9-5, 10-6	N27400 5-4, 5-8	N27605 2-2, 2-3	N28809 4-34
N25457 1-3, 1-5, 1-7	N27401 5-4, 5-8	N27609 11-5	N28812 4-35
N25460 1-17	N27402 2-9, 5-4, 5-8, 5-11	N27613 2-9, 5-5, 5-9, 11-3, 11-5, 11-11, 11-13	N28813 4-11, 4-13, 4-15, 4-17
N25463 1-17	N27403 5-4, 5-8, 5-11	N27614 2-9, 5-5, 5-9, 11-3, 11-5, 11-11, 11-13	N28814 4-11, 4-13, 4-15, 4-17
N25465 1-17	N27404 5-4, 5-8, 5-11	N27615 2-9, 5-5, 5-9, 11-3, 11-5	N28817 4-35
N25475 1-11	N27405 5-4, 5-8, 5-11	N27616 11-3, 11-5	N28819 4-35
N25479 1-13, 3-3	N27406 5-4, 5-8, 5-11	N27617 11-3, 11-5	N28820 4-35
N25507 7-3, 9-9, 10-11, 10-3, 9-5, 10-6	N27410 5-4, 5-8	N27618 11-3, 11-5	N28822 4-35
N25508 7-3, 9-5, 9-7, 9-9, 10-11, 10-3, 9-3, 10-6	N27412 5-5, 5-9	N27619 11-3, 11-5	N28823 4-35
N25544 8-7	N27414 5-5, 5-9	N27621 11-3, 11-5	N28824 4-11, 4-13, 4-15, 4-17, 4-35
N25611 3-3	N27415 5-5, 5-9	N27625 11-3, 11-5	N28831 2-2, 1-3, 1-5, 1-7
N25616 3-2	N27416 5-5, 5-9	N27629 5-4	N28915 8-7
N25617 3-3	N27417 5-5, 5-9	N27630 5-4, 5-8	N28920 8-4
N25644 9-7, 10-9, 9-9, 10-11, 10-7, 10-9	N27418 5-5, 5-9	N27645 8-7	N28924 2-3
N25668 8-4	N27420 5-5, 5-9	N27659 8-7	N28927 2-3
N25741 8-4, 9-5	N27421 5-5, 5-9	N27685 8-4	N28928 2-3
N25753 8-4	N27422 5-5, 5-9	N27689 8-4	N28929 2-3
N25754 9-3, 9-6, 10-4, 10-7	N27423 5-5, 5-9	N27695 8-4	N29048 1-3, 1-5, 1-9, 1-7
	N27424 5-4, 5-5, 5-8, 5-9, 5-11	N27700 8-7	N29049 1-3, 1-5, 1-7
	N27425 5-4, 5-8, 5-9, 5-11	N27705 8-4, 8-7	N29061 4-13, 4-15, 4-17
	N27426 5-4, 5-5, 5-8, 5-9	N27706 8-4, 8-7	N29062 4-11
	N27427 5-5, 5-9	N27709 4-15, 4-17	N29080 4-34
	N27428 5-5, 5-9	N27715 1-3, 1-5, 1-7	N29097 5-11, 6-7
		N27755 8-4, 8-7	N29099 1-9
			N29107 4-18, 4-19

N29142 5-11	N29373 7-2, 9-3	N31187 4-23, 4-25, 4-27, 4-31, 4-33	N32467 5-5, 5-9
N29147 11-3, 11-5	N29375 6-3, 6-5, 6-7	N31188 4-23, 4-25, 4-27, 4-31, 4-33	N32470 11-3, 11-5
N29148 11-3, 11-5	N29382 2-9, 5-5, 5-9	N31189 4-23, 4-25, 4-27, 4-31, 4-33	N32471 11-3, 11-5
N29149 11-3, 11-5	N29383 5-5, 5-9	N31190 4-23, 4-25, 4-27, 4-31, 4-33	N32474 11-3, 11-5
N29150 11-3, 11-5	N29384 11-3, 11-5, 11-6, 11-11, 11-13	N31342 10-9, 10-11	N32475 11-3, 11-5
N29158 5-11, 6-7	N29385 11-3, 11-5, 11-6, 11-11, 11-13	N31509 5-8	N32481 2-7
N29200 5-8, 5-11	N29393 10-11	N31532 1-11, 1-15	N32482 2-7, 2-8
N29201 1-9	N29395 8-4	N31533 1-11, 1-15	N32483 2-7, 2-8
N29296 6-7, 11-11, 11-13, 11-19	N29397 6-3, 6-5	N31535 1-11, 1-15	N32491 11-6
N29298 3-2	N29399 6-3, 6-5, 6-7	N31540 5-8	N32492 11-6
N29311 6-7	N29457 2-3	N31542 9-7, 9-9	N32494 11-6
N29312 6-3, 6-5	N29468 1-11	N31548 1-5	N32512 9-3, 9-5
N29313 6-3, 6-5	N29472 4-34	N31549 1-5	N32769 1-3, 1-5, 8-7, 1-7, 8-4, 1-9
N29315 6-5	N29478 5-11	N31603 10-9, 9-9, 10-11, 10-3, 9-5, 10-6, 10-7	N32770 1-3, 1-5, 1-7
N29317 6-3, 6-5, 6-7	N29479 10-13	N31604 10-3, 10-6, 10-9, 10-11	N32772 2-7
N29318 6-3, 6-5, 6-7	N29486 11-19, 11-22	N31606 10-7	N32774 2-7
N29319 6-8, 10-14	N29487 5-11, 6-7	N31609 1-5	N32775 2-7
N29324 10-12	N29696 11-11	N31625 10-4, 10-7, 10-9, 10-11	N32776 2-7
N29325 10-12	N29737 8-4	N31682 5-8	N32777 2-9
N29328 10-12	N29833 11-3, 11-5	N31695 1-11, 1-15	N32778 2-9
N29329 10-12	N29962 9-3, 9-7, 10-9, 9-9, 10-11, 10-4, 9-6, 10-7	N31743 5-8, 6-5	N32779 2-9
N29331 10-12	N29963 9-3, 9-7, 10-9, 9-9, 10-11, 10-4, 9-6, 10-7	N31760 8-7	N32780 2-9
N29337 6-3, 6-5	N29964 9-3, 9-7, 10-9, 9-9, 10-11, 10-4, 9-6, 10-7	N31763 8-5, 8-7	N32781 2-7
N29338 6-3, 6-5, 6-7	N30068 4-11, 4-13, 4-15, 4-17, 4-34	N31765 8-4	N32782 2-7
N29340 6-3, 6-5, 6-7	N30594 2-9, 5-5, 5-9	N31767 8-7	N32785 2-7
N29341 6-3, 6-5, 6-7	N30746 13-3	N31768 8-5	N32786 2-7
N29342 6-3, 6-5, 6-7	N31012 4-23, 4-29	N31769 8-7	N32799 6-3, 6-5
N29343 6-3, 6-5	N31014 4-23, 4-29	N31772 8-7	N33198 9-7, 9-9
N29345 6-7	N31016 4-23, 4-29	N31773 8-7	N33553 8-7
N29349 10-4, 10-7	N31019 8-4, 8-7	N31774 8-5, 8-7	N33748 1-15
N29354 10-4, 10-7, 10-9, 10-11	N31020 8-4, 8-7	N31775 8-5	N34177 11-6
N29355 6-3, 6-5	N31033 9-7, 10-9, 9-9, 10-9, 10-11	N31776 5-8, 6-5	N34251 8-4
N29356 10-11	N31034 9-7, 10-9, 9-9, 10-9, 10-11	N31777 5-8	N34298 12-3
N29357 10-4, 10-7, 10-9, 10-11	N31040 2-9	N31790 11-3, 11-5	N34299 12-3
N29358 10-4, 10-7, 10-9, 10-11	N31096 9-7, 10-9, 9-9, 10-9, 10-11	N32001 13-3	N34354 12-3
N29359 10-4, 10-7, 10-9, 10-11	N31160 4-23, 4-29	N32040 13-3	N34396 12-3
N29360 10-4, 10-7	N31161 4-23, 4-29	N32041 13-3	N34398 12-3
N29361 10-4, 10-7, 10-9, 10-11	N31162 4-23, 4-29	N32053 13-3	N34399 12-3
N29363 10-4, 10-7, 10-9, 10-11	N31163 4-23, 4-29	N32062 2-7	N34456 12-3
N29364 10-4, 10-7, 10-9, 10-11	N31165 4-23, 4-29	N32101 2-7	N34476 13-3
N29365 10-4, 10-7, 10-9, 10-11	N31171 4-23, 4-29	N32102 2-7	N34477 8-7, 8-5, , 1-9
N29366 10-7, 10-11	N31172 4-23, 4-29	N32104 2-7	N34478 13-3
N29367 6-3, 6-5	N31173 4-23, 4-29	N32105 2-7	N34488 9-3, 9-5, 10-3, 10-6
N29368 6-3, 6-5, 6-7	N31174 4-23, 4-29	N32106 2-7	N34494 9-9, 10-11, 9-5, 10-6
N29369 6-3, 6-5	N31177 4-23	N32107 2-7	N34498 9-3, 9-6, 10-4, 10-7
N29371 6-3, 6-5, 6-7	N31178 4-23	N32110 2-7	N34499 9-9, 10-11, 9-5, 10-6
N29372 7-3, 9-3, 9-7, 10-9, 9-9, 10-11, 10-3, 9-5, 10-6, 10-7	N31179 4-23	N32456 5-5, 5-9	N34731 2-7
	N31180 4-23	N32457 2-7, 5-5, 2-8	N34799 11-11, 11-19
		N32458 2-9	N34905 1-13
		N32459 2-9	N34928 1-13
		N32460 2-9	N35619 2-7
			N35620 2-7
			N36043 9-3, 9-5, 10-3, 10-6
			N36045 9-3, 9-5, 10-3, 10-6
			N36128 8-5, 8-7

N36148 4-38	N44264 11-5	N53032 11-15, 11-20	N56275 2-5
N36191 12-5	N44265 11-3, 11-5	N53033 11-15	N56280 2-5
N36195 12-5	N44734 2-9, 5-5	N53034 11-15	N56281 1-9, 2-5
N36198 12-5	N44955 9-3, 9-5, 10-3, 10-6	N53035 11-15	N56282 2-5
N36597 2-5	N44956 9-3, 9-5, 10-3, 10-6	N53036 11-15	N56284 2-5
N36964 4-29	N45166 11-11	N53037 11-15	N56285 2-5
N36965 4-29	N45193 10-13	N53052 11-15	N56289 2-5
N36966 4-29	N45195 11-13, 11-19	N53053 11-15	N56290 2-5
N36967 4-29	N45198 11-11, 11-19	N53054 11-15, 11-19	N56291 2-5
N37035 9-3, 9-5, 10-3, 10-6	N45199 11-11, 11-19	N53064 11-15	N56292 2-5
N37036 9-3, 9-5, 10-3, 10-6	N45505 10-4, 10-7, 10-9, 10-11, 10-12, 10-13	N53200 4-20	N56297 4-7, 4-9, 4-15, 4-17
N37039 9-3, 9-6, 10-4, 10-7	N45508 10-12	N53203 4-25, 4-27, 4-31, 4-33	N56301 1-7
N37330 11-11, 11-19	N45509 10-12	N53205 , 8-4, 8-7, 10-11, 9-5, 10-6	N56302 1-7
N37435 1-11	N45511 10-12	N53207 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-20	N56305 11-3, 11-5
N37622 1-9	N45512 10-12	N53209 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-21	N56330 1-5
N37690 13-3	N45513 10-12	N53215 4-20, 4-21, 4-39, 4-40	N56340 1-5
N37693 13-3	N45530 6-3, 6-5	N53471 2-5	N56355 1-3
N37900 10-11	N45644 11-3, 11-5	N53480 11-15	N56365 1-5
N37905 7-2	N45645 11-3, 11-5	N53889 5-4, 5-8, 5-11, 6-3, 6-5, 6-7	N56375 1-7
N37914 9-3, 9-6, 10-4, 10-7	N45690 4-31	N55004 11-11	N56380 8-4
N37920 4-25, 4-27, 4-33	N47415 5-4, 5-8	N55005 11-11	N56385 1-5
N40472 2-7	N47440 10-12	N55006 11-13	N56390 1-5
N40503 1-13	N47464 11-9	N55007 11-11	N56425 1-13
N40505 4-18, 4-19	N47903 9-9, 10-11, 10-6, 9-6	N55008 11-13	N56430 1-13
N40545 4-29	N48009 11-11	N55009 11-11	N56435 1-13
N40688 2-5	N48041 8-7, 8-4, 9-5	N55011 11-11	N56440 1-13
N40735 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-20, 4-21	N48071 6-8, 10-14	N55013 11-11	N56445 1-13
N40748 11-22	N48612 2-5	N55014 11-11	N56449 1-13
N42067 4-29	N48927 4-29	N55030 11-20, 11-21	N56500 11-19
N42127 2-2, 2-3	N48928 4-29	N55258 11-19	N56501 11-19
N42128 2-2, 2-3	N49460 9-9, 10-11, 10-6, 9-6	N55469 11-3	N56502 11-19, 11-20, 11-21, 11-22
N42129 2-2, 2-3	N49640 1-15, 12-5	N55676 , 8-4, 8-7, 10-11, 9-5, 10-6	N56503 11-22
N42130 2-2, 2-3	N49642 11-22	N55677 , 8-4, 8-7, 10-11, 9-5, 10-6	N56504 11-20, 11-21, 11-22
N42149 11-3, 11-5, 11-11, 11-19	N50070 6-7, 11-11, 11-13	N55833 11-19	N56505 11-19
N42166 5-4, 5-8	N50622 10-13, 11-11, 11-13	N55950 11-17, 11-19	N56507 11-19
N42213 4-20, 4-21, 4-39, 4-40	N51414 11-15	N55982 11-15, 11-20	N56511 11-19
N42220 1-3, 1-5, 1-7	N51441 2-5	N55984 11-15, 11-20, 11-21	N56512 11-19
N42225 4-29	N51444 2-5	N55985 11-15, 11-20, 11-21	N56513 11-19, 11-22
N42253 4-29	N51445 2-5	N55988 11-15	N56517 11-20
N42254 4-29	N51955 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-21	N55989 11-15	N56519 11-19, 11-20, 11-21
N42255 4-29	N51960 4-21	N56241 1-3	N56737 4-25, 4-27, 4-31, 4-33
N42256 4-29	N51962 4-25, 4-27, 4-31, 4-33	N56242 1-3	N56748 11-19
N42257 4-29	N51967 4-25, 4-27, 4-31, 4-33	N56251 1-5	N56749 11-19
N42345 1-13	N51977 4-25, 4-27, 4-31, 4-33	N56252 1-5	N56750 11-19
N42353 1-13	N51979 4-25, 4-27, 4-31, 4-33	N56253 1-5	N56900 11-23
N44049 11-5	N51983 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-20	N56255 4-18, 4-19	N56904 11-23
N44049R 11-5	N53014 2-5	N56265 4-3, 4-5, 4-11, 4-13	N56949 11-19
N44070 1-3, 1-7	N53030 11-15	N56266 2-5	N58100 11-23
N44080 8-4	N53031 11-15, 11-20, 11-21	N56270 2-5	N58101 11-23
N44100 1-3, 1-7		N56273 2-5	N58110 11-19
N44140 4-11, 4-15			N58111 11-19
N44253 11-5			N58112 11-19
N44255 11-5			N58142 1-9
N44256 11-5			N58145 1-9
			N58190 11-17, 11-19
			N58651 11-9

N58652 11-9	N66508 4-39	S-1292 1-3, 1-5, 1-9, 1-7	W-488 1-15, 6-3, 6-5, 6-7
N58653 11-9	N66509 4-40	S-1299 12-4	W-490 1-3, 1-5, 1-7
N58655 11-9	N66510 4-40	S-1303 8-7, 8-5, 10-9, 10-11, 10-3, 9-6, 10-7	W-492 8-4, 8-7
N58656 11-9	N66517 4-39	S-1379 12-4	W-493 1-17, 8-4, 8-7
N58658 11-9	N66518 4-39	S-1925 1-9, 1-11, 1-15, 5-11, 6-7	W-494 1-11
N58659 11-9	N66519 4-40	S-4747 7-2	W-496 1-11, 1-15
N58691 11-9	N66520 4-40	S-4781 2-9	W-497 1-13, 2-7
N58692 11-9	N66557 4-39	S10730 5-5, 5-9, 6-3, 6-5, 6-7	W-498 5-5, 5-9
N58693 11-9	N66558 4-39	S10954 5-4, 5-8	W-499 1-17
N58694 11-9	N66559 4-40	S10955 5-4, 5-8	W-500 1-13
N58943 11-17	N66560 4-40	S13336 2-7, 2-8	W-501 5-11
N58944 11-17	N66662 4-40	S13337 9-3, 9-6, 10-3, 10-7	W-502 5-4, 5-8
N58959 11-21	N68947 11-21	S27987 6-3, 6-5, 6-7	W-503 5-4, 5-8
N58963 11-19, 11-22	N68948 11-21	S29378 1-11	W-509 1-13
N58965 11-20, 11-21	N68949 11-21	S29958 9-10	W-512 2-5, 10-9, 10-11, 10-13, 4-25, 4-27, 4-29, 4-31, 4-33, 10-4, 9-6, 10-7, 10-9, 4-23, 10-7
N59010 2-8, 11-19, 11-22	N69290 4-38	S29959 9-10	W-513 1-3, 1-5, 1-7, 1-9, 9-3, 10-9, 9-9, 9-10, 10-11, 10-4, 9-6, 10-7, 10-9, 10-7
N59012 11-19	N69295 4-38	S29960 9-10	W-514 1-3, 1-5, 1-7, 1-9, 1-11, 2-5, 2-7, 2-9, 6-3, 4-5, 6-5, 8-7, 4-9, 4-13, 4-17, 4-25, 4-27, 4-3, 4-11, 4-15, 4-7, 4-31, 4-33, 4-38, 8-5, 6-7, 5-11, 9-6, 10-4, 10-7, 11-22
N59962 11-19	N69296 4-38	S33420 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-20, 4-21	W-516 1-9, 1-15, 6-3, 6-5, 8-7, 5-9, 10-9, 10-11, , , 4-27, 8-5, 6-7, 5-11, 4-31, 4-33, 10-3, 9-6, 10-7, 10-9, 10-7
N60160 11-9	N69669 , 9-3, 10-4, 10-7	S42998 2-8	W-517 1-11, 1-13, 1-15, 1-17, 2-7, 8-7, 5-5, 4-25, 4-27, 4-31, 8-5, 5-11, 4-33
N60161 11-9	N72030 11-20, 11-21	S45280 2-5	W-518 1-11, 1-13, 1-15, 12-2, 12-3
N60170 11-9	N72100 11-3	S54297 2-8	W-520 1-15
N60320 11-22	N72101 11-3	S54298 2-8	W-521 1-13, 1-17, 2-5, 10-9, 10-11, 10-13, 4-25, 4-27, 4-29, 4-31, 4-33, 10-3, 9-6, 10-7, 10-9, 4-23, 10-7
N60321 11-22	N72102 11-3	S56558 2-8	W-522 1-3, 1-5, 1-7, 1-11, 1-13, 2-2, 2-3, 9-3, 10-9, 10-11, 10-3, 9-6, 10-7, 10-9, 10-7
N60323 2-8, 11-19, 11-22	N72139 6-8, 10-14		W-523 1-3, 1-5, 1-7, 1-9, 1-11, 2-2, 2-3, 2-7, 2-10, 4-35, 6-3, 4-5, 6-5, 8-7, 4-9, 4-13, 4-17, 4-25, 4-27, , 4-3, 4-7, 4-11, 4-15, 4-31, 4-33, 4-38, 8-5, 6-7, 5-11, 9-6, 10-3, 10-7, 11-22
N60417 11-19	N72140 6-8, 10-14		W-525 1-9, 1-15, 6-3, 6-5, 8-7, 5-8, 5-11, 10-9, 10-
N60418 11-19			
N60920 11-21	P		
N60921 11-19, 11-22	P7C616 2-7, 4-25, 4-27, 4-31, 4-33, 11-19	W	
N62030 11-9	P106023 1-13	W-7 1-15	
N62084 11-19, 11-22	P1318510 1-15, 6-3, 5-5, 5-9, 6-5, 5-11, , 6-7	W-131 1-15, 8-5, 8-7	
N62351 4-31, 4-33		W-187 1-3, 1-5, 4-35, , 5-4, 8-7, 1-7, , 8-4	
N62370 11-21	R	W-469 2-5, 2-9, 7-2, 8-7, 10-13, 4-25, 4-27, 4-29, 4-31, 4-31, 4-33, 4-23, 4-33, 8-4, 6-7, 4-38, 4-40, 10-3, 9-6, , 10-7, 11-11, 11-13, 11-19	
N62371 11-21	R480034 1-11, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-25, 4-27, 4-31, 4-33	W-470 8-7, 4-11, 4-13, 4-17, 4-34, 8-4, 4-15	
N62421 4-15	R480055 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-25, 4-27, 4-31, 4-33	W-472 1-3, 1-5, 1-7	
N62424 4-3, 4-7		W-473 1-3, 1-5, 1-7	
N62425 4-3, 4-11	S	W-475 1-3, 1-5, 8-7, 4-3, 4-5, 1-7, 4-11, 4-13, 11-17, 4-25, 4-27, 4-31, 4-33, 8-4, 4-38, 11-19	
N62426 4-5, 4-9	S-747 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 4-17, 4-20, 4-21	W-476 1-17	
N62427 4-5, 4-13	S-748 5-5, 5-9	W-477 1-9, 2-2, 2-3, 11-17, 11-13	
N62428 4-5, 4-9, 4-13, 4-17	S-752 , 6-3, 6-5, 5-5, 3-3, 8-7, 5-11, 8-5, 6-7	W-478 1-9, 8-4, 8-7	
N62429 4-18, 4-19	S-776 9-3, 9-6, 10-3, 10-6	W-479 1-3, 1-5, 1-9, 11-5, 1-7, 10-11, 9-6, 10-9, 11-3, 10-7	
N62430 4-18	S-951 1-11, 1-13, 1-15	W-480 1-11, 5-9, 5-11	
N62431 4-11	S-1115 1-13	W-481 5-4, 5-8, 5-11	
N62432 4-13	S-1189 9-3, 9-7, 10-9, 9-9, 10-11, 10-3, 10-6, 9-6, 10-7		
N62433 4-17	S-1191 12-3		
N62940 11-9	S-1198 2-5, 6-3, 5-4, 5-8, 6-5, 8-7, 5-11, 8-5, 6-7		
N62941 11-9			
N62942 11-9			
N62943 11-9			
N65063 3-2			
N65131 4-39, 4-40			
N66140 4-38			
N66141 4-38			
N66175 4-39, 4-40			
N66177 4-39			
N66178 4-39			
N66179 4-40			
N66180 4-40			
N66507 4-39			

11,, 4-25, 4-27, 8-5, 6-7, 4-
 31, 4-33, 10-3, 9-6, 10-7
 W-526 1-11, 1-13, 1-15, 1-
 17, 2-7, 4-25, 4-27, 5-11, 4-
 31, 4-33
 W-527 1-11, 1-13, 1-15, 12-
 2, 12-3
 W-535 8-5, 8-7
 W-538 2-5, 8-7, 9-3, 8-5, 11-
 5, 9-9, 10-11, 10-3, 9-6, 10-
 9, 11-3, 10-7
 W-539 8-7, 8-5
 W-542 11-19
 W-558 1-11, 1-13
 W-575 1-17
 W-619 1-3, 1-5, 1-7, 1-9, 12-4
 W-629 1-13
 W-793 5-4, 8-7, 5-8, 8-5, 5-
 11
 W-867 2-7, 8-7, 4-11, 4-
 13, 4-15, 4-17, 4-20, 4-
 21, 4-27, 8-4, 4-33
 W-907 8-5, 8-7
 W-1540 5-4, 5-8
 W-1552 2-5, 7-2, 4-27, 4-
 33, 4-38
 W-1553 12-2, 12-3
 W-1575 1-13, 8-5
 W-1628 1-11
 W-1663 5-4, 5-8, 5-11
 W-1847 10-4, 10-7, 10-9, 10-
 11, 10-13
 W-1854 5-4, 5-8, 13-3
 W-3328 3-2
 W-3687 4-27, 4-33
 W14504 8-5, 8-7



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