



Parts Manual

AR Series Mower

672439G01 – AR530

Kubota® V2403-E4B T4I

4WD

Standard Seat

Premium Seat Option

Standard Fan

Reversing Fan Option



WARNING

Warning: If incorrectly used, this machine can cause severe injury. Those who use and maintain this machine should be trained in its proper use, warned of its dangers, and must read the entire manual before attempting to set up, operate, adjust, or service the machine.

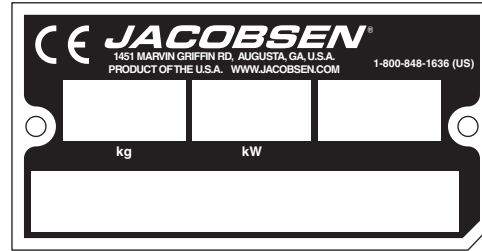
FOREWORD

This manual contains adjustment, maintenance, troubleshooting instructions and parts list for your new Jacobsen machine. This manual should be stored with the equipment for reference during operation.

Before you operate your machine, you and each operator you employ should read the manual carefully in its entirety. By following the safety, operating and maintenance instructions, you will prolong the life of your equipment and maintain its maximum efficiency.

If additional information is needed, contact your Jacobsen Dealer.

The serial plate is located on the right frame rail near the rear tire. Jacobsen recommends you record these numbers below for easy reference.



Service Parts

Qty.	Part No.	Description	Qty.	Part No.	Description
	4133820	Primary Air Filter		4280171	Fuel Filter
	4133821	Secondary (Safety) Air Filter		555771	Hydraulic Oil Filter
	4113986	Engine Oil Filter			

Blade Recommendations

AR530 - 23" BLADE RECOMMENDATION			
	DISCHARGE MODE	MULCH MODE	COMMENTS
Vortex Combo	Best cut quality; good distribution	Good hiding of clippings for cool and warm season grasses; best quality cut	Best all around blade in cool and warm season grasses
692774	Good all around blade	Sometimes best blade for Bermuda	
Extreme Mulch	In certain conditions best distribution, but some degradation in cut quality	Best blade for hiding, but some degradation in cut quality	Performance is very dependent on specific local conditions
692775	Often the best blade for Bermuda	Often the best blade for Bermuda	
High Lift	Use for very heavy conditions	Not recommended	
692771	Helps with distribution in cool season grass, especially in the Spring	Not recommended	

Note: * These recommendations are intended as an initial guide for blade selection. Grass type, regional climates, height of cut, and customer preferences will affect the actual blade choice.

** Due to sound level regulations, some blades may not be available in all regions. Please check with your local dealer for availability.

Service Support Material

Qty.	Part No.	Description	Qty.	Part No.	Description
	673832	Safety & Operation Manual		4358529	Diesel Engine Parts Manual
	673835	Parts Manual			Service Manual

CALIFORNIA PROPOSITION 65

WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

© 2021 Textron Specialized Vehicles

This manual may not be reproduced in whole or in part without the express permission of TSV Technical Communications Department.

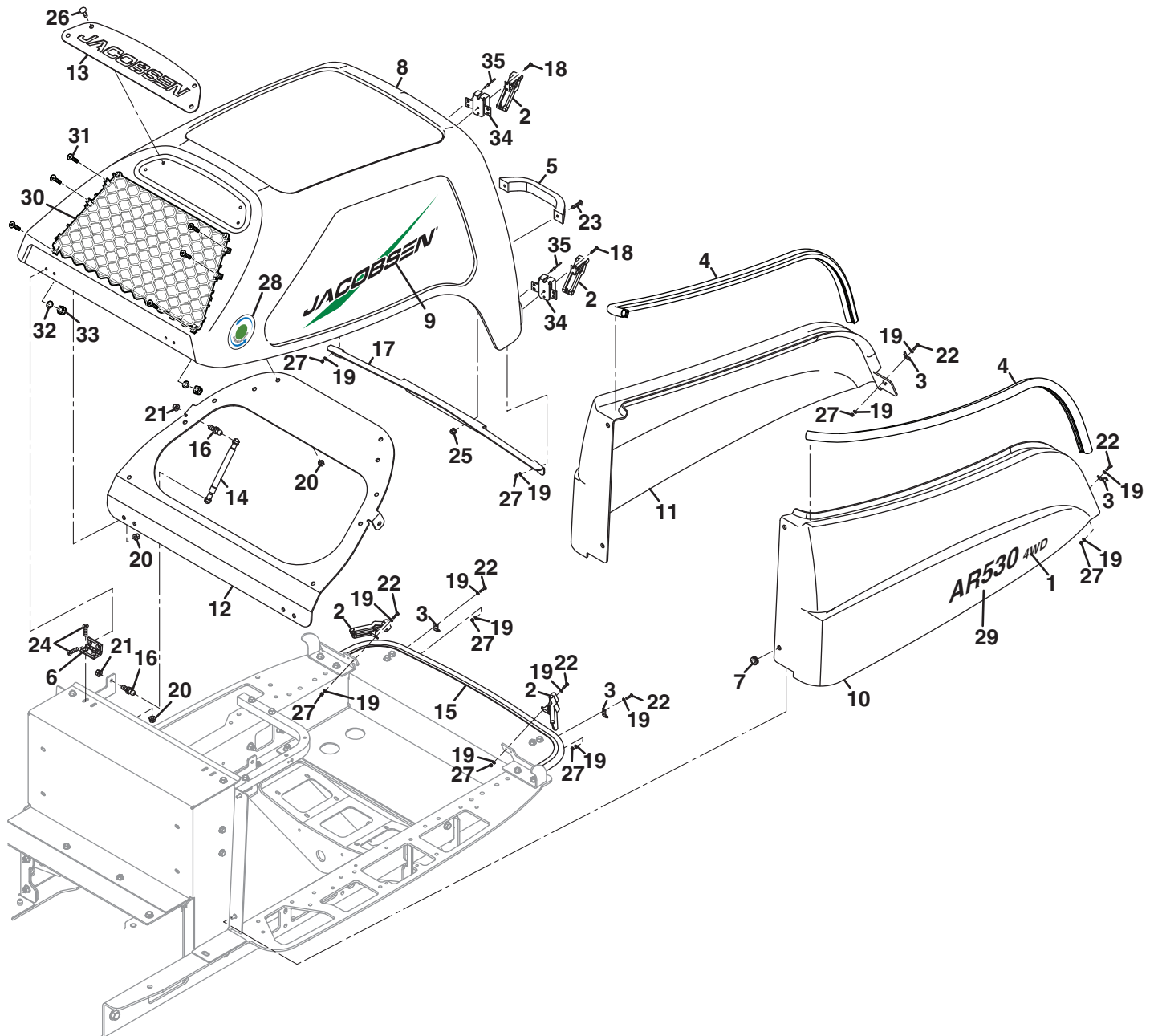
12-2021

Table of Contents

1.1	Hood	4	49.1	Deck Valve	104
2.1	Standard Seat	6	50.1	Steering Cylinder	106
3.1	Premium Seat Option	8	51.1	Lift Cylinders	107
4.1	Armrest and Control Panel	10	52.1	Traction Pump (Rear Half)	108
5.1	Traction Pedal	12	53.1	Traction Pump (Front Half)	110
6.1	Frame and ROPS	14	53.1	Traction Pump (Front Half Continued)	112
7.1	Frame Bulkhead	16	54.1	Gear Pump	114
8.1	Front Axle	18	55.1	Gear Pump	116
9.1	Rear Axle	20	56.1	Electrical Schematic	118
10.1	Air Cleaner and Exhaust	22	57.1	Connector Terminal Identification	123
11.1	Radiator/Oil Cooler	24	58.1	Hydraulic Schematic	126
12.1	Standard Fan	26	59.1	Hydraulic Schematic	128
13.1	Reversing Fan	28			
14.1	Engine	30			
15.1	Pump Mounting	32			
16.1	Pump Mounting	34			
17.1	Fuel System	36			
18.1	Hydraulic Tank	38			
19.1	Valve Mounting	40			
20.1	Pump Hydraulics	42			
21.1	Pump Hydraulics	44			
22.1	Front Traction Hydraulics	46			
23.1	Rear Traction Hydraulics	48			
24.1	Brake Hydraulics	50			
25.1	Mow Hydraulics	52			
25.1	Mow Hydraulics (Cont)	54			
26.1	Steering Hydraulics	56			
27.1	Steering Hydraulics	58			
28.1	Lift Hydraulics	60			
29.1	Reversing Fan Hydraulics	62			
30.1	Return Hydraulics	64			
30.1	Return Hydraulics (Cont)	66			
31.1	Oil Cooler Hydraulics	68			
32.1	Electrical Harnesses	70			
33.1	Electrical Components	72			
34.1	Front Deck Lift Assembly	74			
35.1	Front Deck Connection	76			
36.1	Rear Deck Lift Assembly	78			
37.1	Rear Deck Connection	80			
38.1	Deck Housing	82			
38.1	Deck Housing (Cont)	84			
39.1	Deck Height Adjustment	86			
39.1	Deck Height Adjustment (Cont)	88			
40.1	5 Gang Lift Valve	90			
41.1	4WD Valve	92			
42.1	Brake Valve	94			
43.1	Flow Divider Valve	95			
44.1	Reversing Fan Valve	96			
45.1	Reversing Fan Motor	97			
46.1	Deck Motor	98			
47.1	Steering Valve	100			
48.1	Steering Column	102			

1.1 Hood

Serial No. All



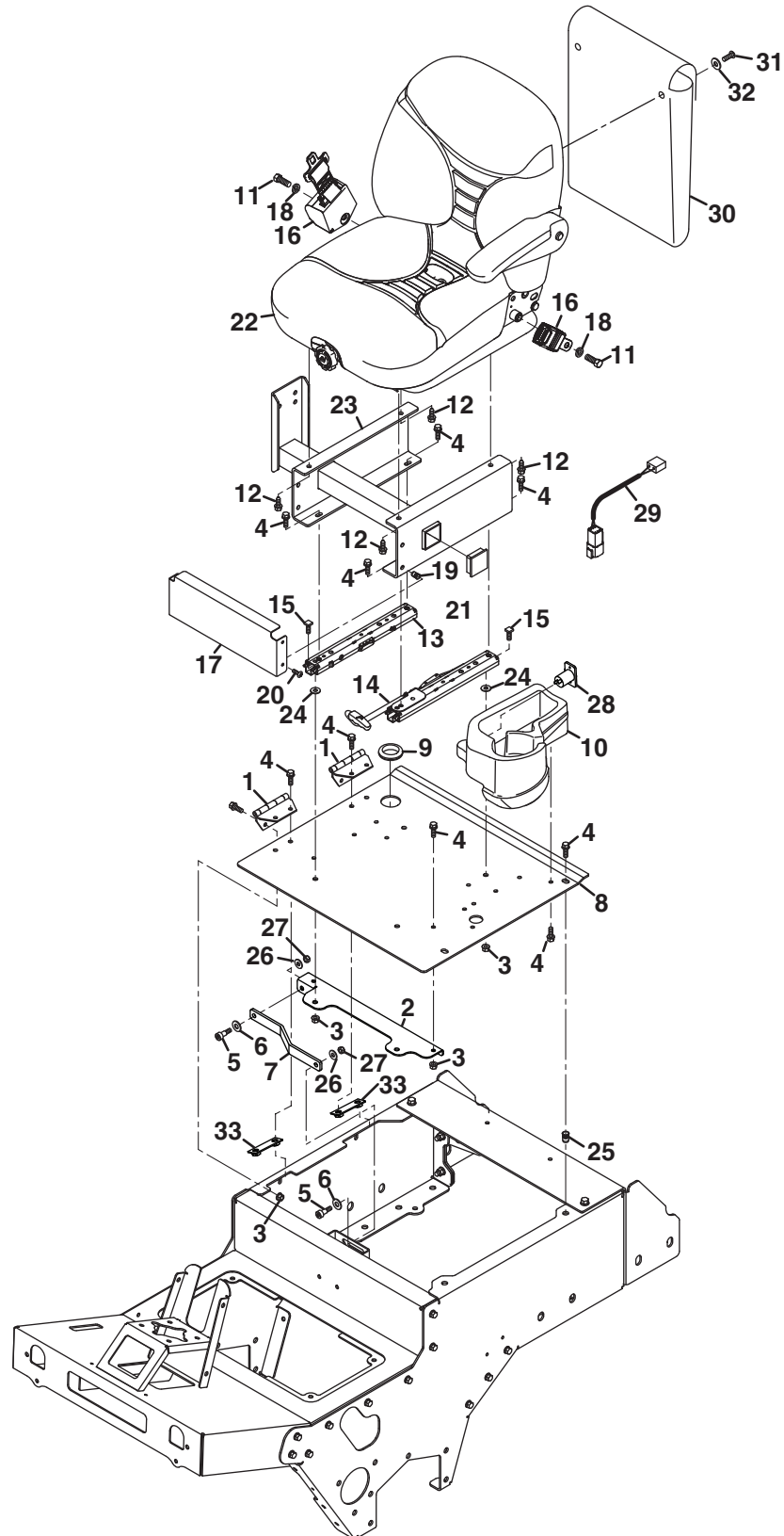
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4382572	2	4WD Decal	
2	2198112	4	Latch	
3	N/S	1	• Keeper, Latch	
4	4421095	2	Shroud Trim, 18MM	
5	340795	1	Hood Handle	
6	4312406	2	Hinge	
7	4325666	4	16 x 8 x 3mm Panel Grommet	
8	10023611	1	Hood	
9	4364887	2	• Jacobsen Logo Decal	
10	4354772	1	Left Side Engine Closure	
11	4354773	1	Right Side Engine Closure	
12	4375388	1	Hood Hinge Bracket	
13	4375389	1	Hood Logo Bracket	
14	4384906	2	Gas Spring	
15	4386749G003	AR	Bulb Seal	
16	4386791	4	M8-1.25 Ball Stud	
17	4395826	1	Handle Support Bracket	
18	450135	4	M4-0.7 x 20 mm Hex Head Screw	
19	450387	28	M4 Flat Washer	
20	450452	12	M6-1 Hex Flange Nut	
21	450453	4	M8-1.25 Hex Flange Nut	
22	450519	12	M4-0.7 x 16 mm Pan Head Screw	
23	450543	2	M6-1 x 25 mm Pan Head Screw	
24	450620	8	M6-1 x 20 mm Flat Head Screw	
25	452435	2	M6-1 Nyloc Hex Flange Nut	
26	452542	4	M6-1 x 20 mm Carriage Bolt	
27	452717	16	M4-0.7 Nyloc Hex Nut	
28	4111408	1	2-1/2" Biodegradable Fluid Decal	
29	10009519	2	AR530 Decal	
30	4333427	1	Cargo Net	
31	450597	6	M4-0.7 x 20mm Countersunk Screw	
32	450387	6	M4 Flat Washer	
33	452717	6	M4-0.7 Nyloc Hex Nut	
34	MBG6720	2	Hood Latch Bracket	
35	001496044	8	4.8 x 12mm Pop Rivet	

> Change from previous revision

2.1 Standard Seat

Serial No. All

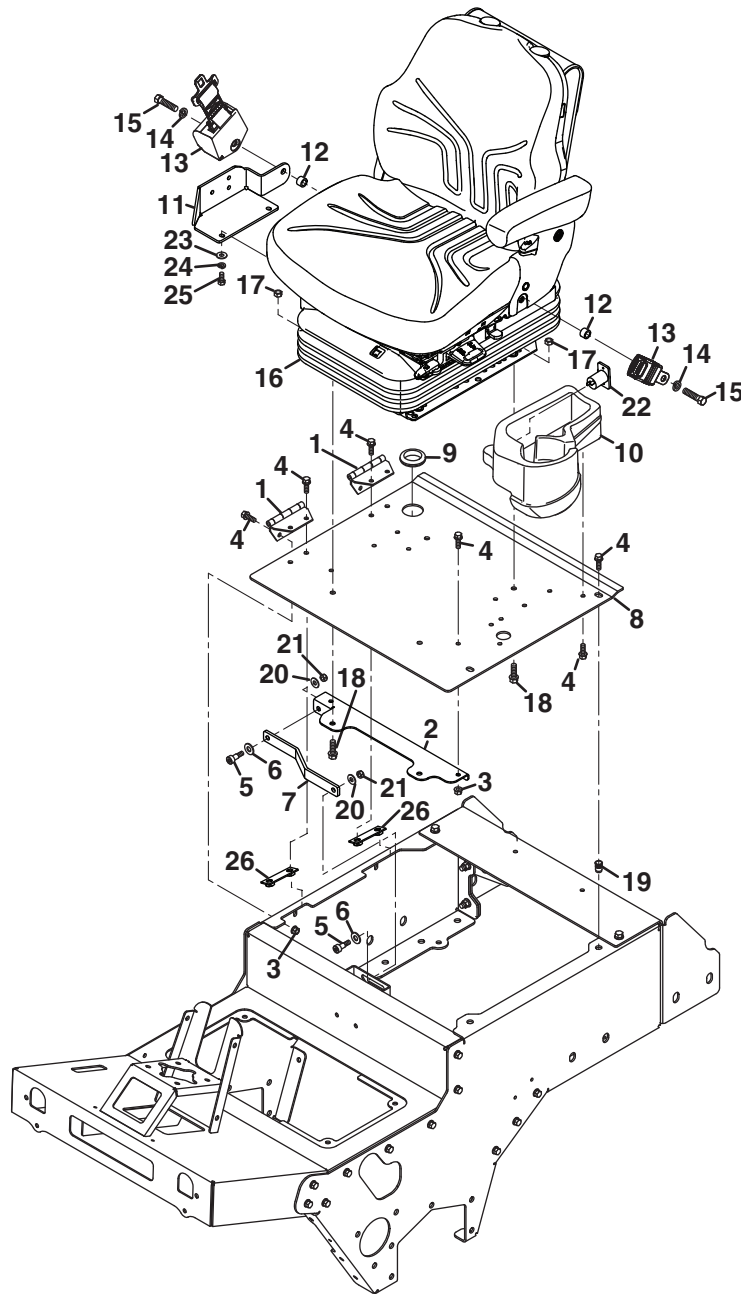
Standard Seat Option



REFERENCE SW4, See 56.1

7

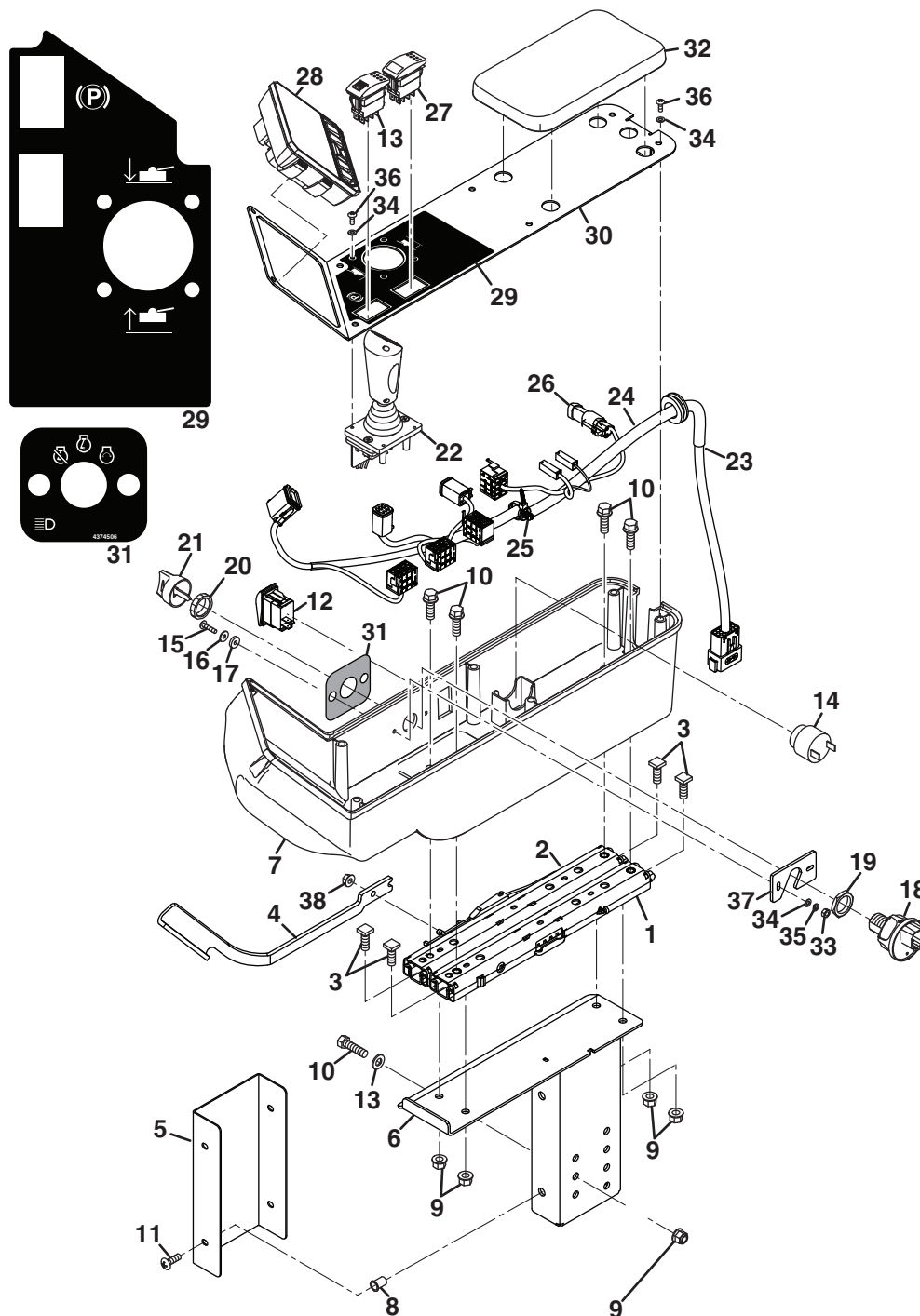
Premium Seat Option



> *Change from previous revision*

4.1 Armrest and Control Panel

Serial No. All

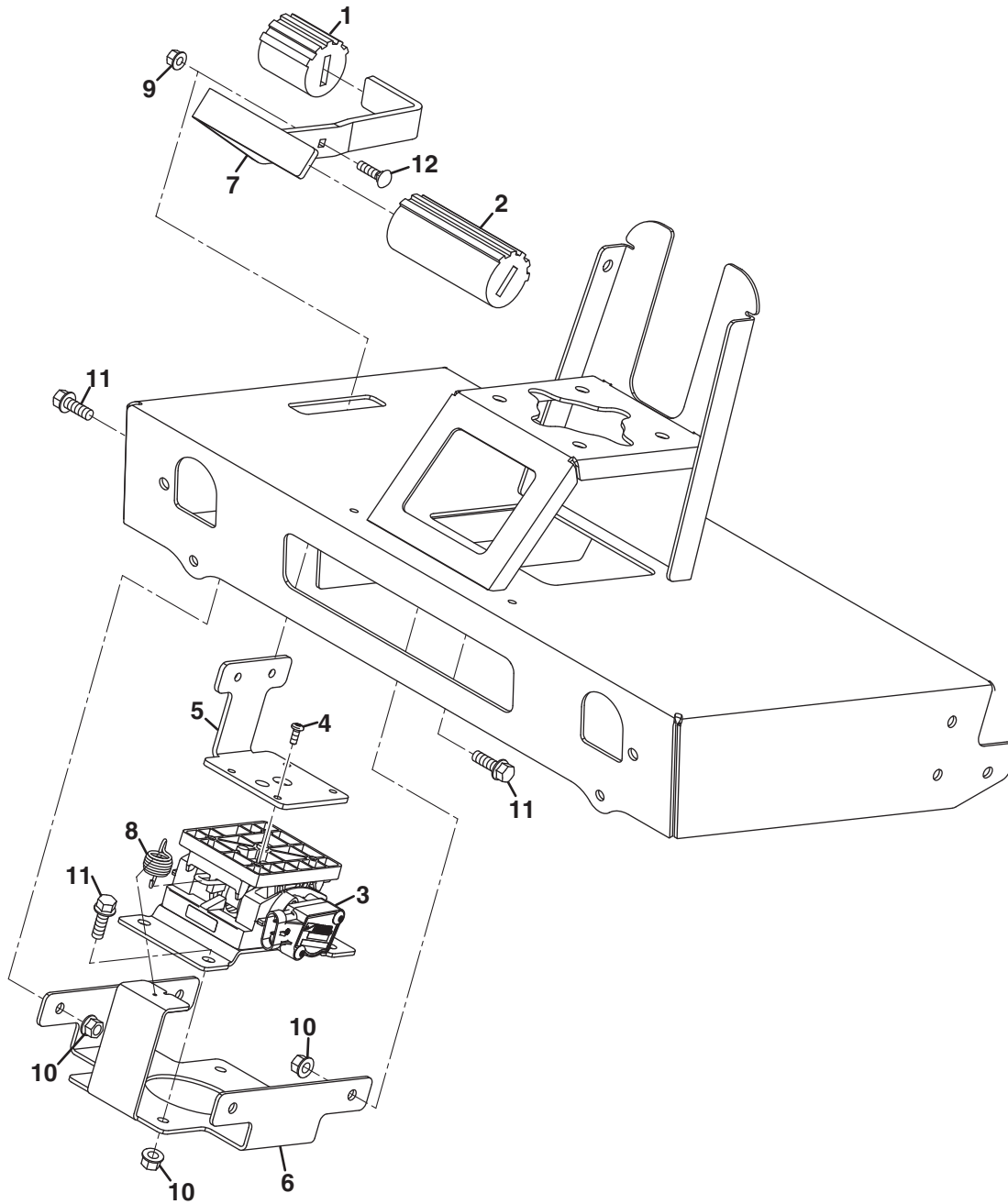


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4193341	1	Seat Rail Adjuster	REFERENCE SW18, See 56.1 REFERENCE SW5, See 56.1 REFERENCE U3, See 56.1 REFERENCE SW1, See 56.1 REFERENCE SW3, See 56.1 REFERENCE R8, See 56.1 REFERENCE SW2, See 56.1 REFERENCE U13, See 56.1
2	681526	1	Latching Seat Rail Adjuster	
3	4203220	4	M8-1.25 x 20 mm Square Hd Screw	
4	672316	1	Armrest Adjuster Handle	
5	4366736	1	Armrest Support Cover	
6	4367306	1	Armrest Support	
7	4370626	1	Armrest	
8	450357	4	M6-1 Insert Nut (0.7-4.2)	
9	450453	7	M8-1.25 Hex Flange Nut	
10	450471	7	M8-1.25 x 20 mm Hex Flange Screw	
11	450541	4	M6-1 x 16 mm Pan Head Screw	
12	4130132	1	Light Switch	
13	4139764	1	Parking Brake Switch	
14	4150539	1	Horn	
15	4189840	2	M4-0.7 x 20 mm Pan Head Screw	
16	4189841	2	M4 x 9 x 0.9 Washer	
17	4189842	2	Spacer	
18	4283269	1	3 Position Key Switch	
19	4283653	1	• M22-1.5 Key Switch Backing Nut	
20	4283652	1	• M22-1.5 Key Switch Face Nut	
21	4283654	1	• Replacement Key	
22	4323427	1	2-Axis Lift/Lower Joystick	
23	4340548	1	Premium Console Harness	
24	4382209	1	• Grommet	
25	4167640	2	• Cable Tie, Fir Tree	
26	4129718	1	• 120Ω CAN Terminating Connector	
27	4343926	1	Mow Switch	
28	682592	1	Programmed AR Display	
29	4370047	1	Control Panel	
30	4374326	1	Premium Control Panel Decal	
31	4374506	1	Key Switch Decal	
32	674106	1	Armrest Pad	
33	450321	2	M4-0.7 Hex Nut	
34	450387	14	M4 x 9 x 0.9 Washer	
35	450408	2	M4 Lock Washer	
36	450516	12	M4-0.7 x 10 mm Pan Head Screw	
37	669445	1	Key Switch Plate	
38	450452	1	M6-1 Hex Flange Nut	

> Change from previous revision

5.1 Traction Pedal

Serial No. All



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	3003474	1	Reverse Pedal Grip	
2	3003475	1	Forward Pedal Grip	
3	4320687	1	Bi-Directional Pedal	
4	N/S	4	• Thread Cutting Screw	
5	4356425	1	Pedal Pivot Bracket	
6	4356426	1	Pedal Support Bracket	
7	4356790	1	Pedal Arm	
8	4360546	1	Extension Spring	
9	450452	2	M6-1 Hex Flange Nut	
10	450453	8	M8-1.25 Hex Flange Nut	
11	450471	8	M8-1.25 x 20 mm Hex Flange Screw	
12	452542	2	M6-1 x 20 mm Carriage Bolt	

> Change from previous revision

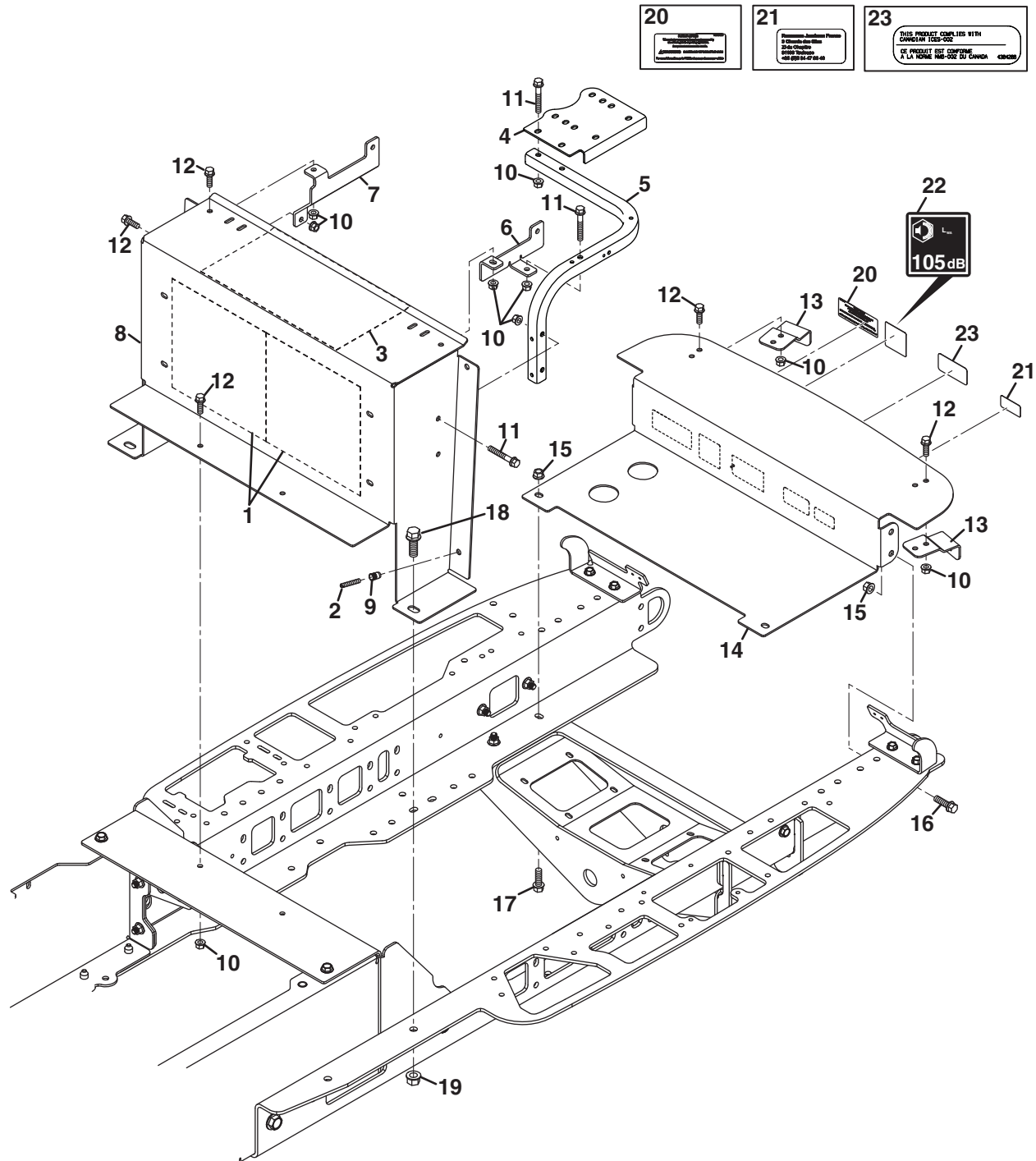


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4355172	1	Left Frame Side	Rear Traction Tubes Right Front Cylinder Hoses
2	4355173	1	Right Frame Side	
3	4355174	2	Frame Flange Bracket	
4	4355483	1	Left Frame Rail	
5	4355484	1	Right Frame Rail	
6	4357086	1	Floor Pan	
7	4358746	1	Left Floor Grip Pad	
8	4358747	1	Right Floor Grip Pad	
9	4364267	1	Rear Cross Member	
10	4366466	1	Left Tie Down Bracket	
11	4366467	1	Right Tie Down Bracket	
12	4366470	1	Left Hood Bracket	
13	4366471	1	Right Hood Bracket	
14	4399753	1	Frame Bulkhead	
15	4399752	1	Bulkhead Cross Member	
16	450359	8	M8 (A-K) x 17.5 Nutsert	
17	450453	31	M8-1.25 Hex Flange Nut	
18	450454	18	M10-1.5 Hex Flange Nut	
19	450327	4	M16-2 Hex Flange Nut	
20	450472	30	M8-1.25 x 25 mm Hex Flange Screw	
21	450479	10	M10-1.5 x 25 mm Hex Flange Screw	
22	450480	8	M10-1.5 x 30 mm Hex Flange Screw	
23	450488	8	M16-2 x 35 mm Hex Flange Screw	
24	9114380	1	Fasten Seat Belt Label	
25	4375369	1	ROPS Assembly	
26	450455	10	M12-1.75 Hex Flange Nut	
27	450483	10	M12-1.75 x 30 mm Hex Flange Screw	
28	404022J	6	1/4-20 x 1" Truss Head Screw	
29	4377266	1	Front Fascia	
30	445245	4	1/4-20 Tinnerman Nut	
31	548910	2	1/4-20 Spiralock Flange Nut	
32	4123723	1	Latch	
33	4364506	1	Center Floorboard Grip Pad	
34	4365786	1	Floorboard	
35	469016509	2	7/8" Tube Clamp	
36	364190	1	Hose Clamp	
37	450471	1	M8-1.25 x 20 mm Hex Flange Screw	
38	682213	1	Jacobsen Decal	
39	4326710	1	15° Slope Label	
40	4117468	1	105 dB Noise Label	
41	4326718	1	Main Warning Label	
42	4381826	1	Traction Pedal Label	
43	4199140	1	Heat Warning Label	
44	4194260	1	ROPS Deployment Label	
45	4294518	1	Canopy Notice Label	
46	557844	1	Warning Label	
47	845027	2	Pinch Point Label	
48	450425	8	Lock Washer	

> Change from previous revision

7.1 Frame Bulkhead

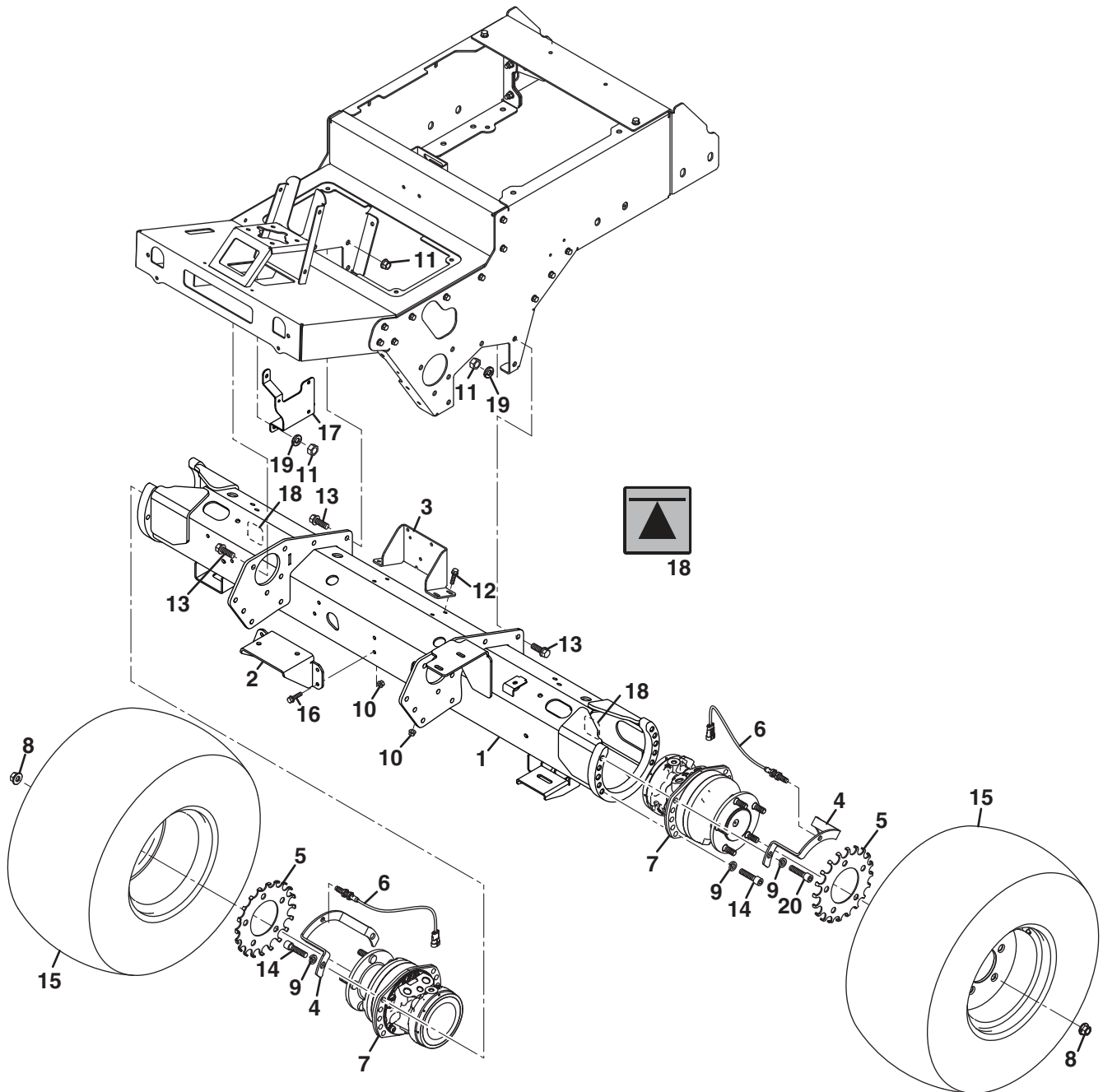
Serial No. All



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4282178	2	Adhesive Heat Shield	
2	4324089	4	M6 x 30 mm Headless Slotted Screw	
3	4357946	1	Adhesive Heat Shield	
4	4363847	1	Air Cleaner Mount Plate	
5	4363848	1	Air Cleaner Mount Tube	
6	4386607	1	Left Hood Strut Bracket	
7	670114	1	Right Hood Strut Bracket	
8	679392	1	Bulkhead Cover	
9	450358	4	M6-1 (A-K) Insert Nut	
10	450453	14	M8-1.25 Hex Flange Nut	
11	450474	5	M8-1.25 x 40 mm Hex Flange Screw	
12	450471	9	M8-1.25 x 20 mm Hex Flange Screw	
13	4364886	2	Latch Bracket	
14	4380009	1	Hydraulic Closeout	
15	450454	6	M10-1.5 Hex Flange Nut	
16	450479	4	M10-1.5 x 25 mm Hex Flange Screw	
17	450480	2	M10-1.5 x 30 mm Hex Flange Screw	
18	450483	4	M12-1.75 x 30 mm Hex Flange Screw	
19	450455	4	M12-1.75 Hex Flange Nut	
20	10005569	1	Label-Patent Notice	
21	10005669	1	Decal-Eu Contact Address	
22	4117468	1	105 DB Noise Label	
23	4384286	1	Decal-Canadian EMC	

> Change from previous revision

18

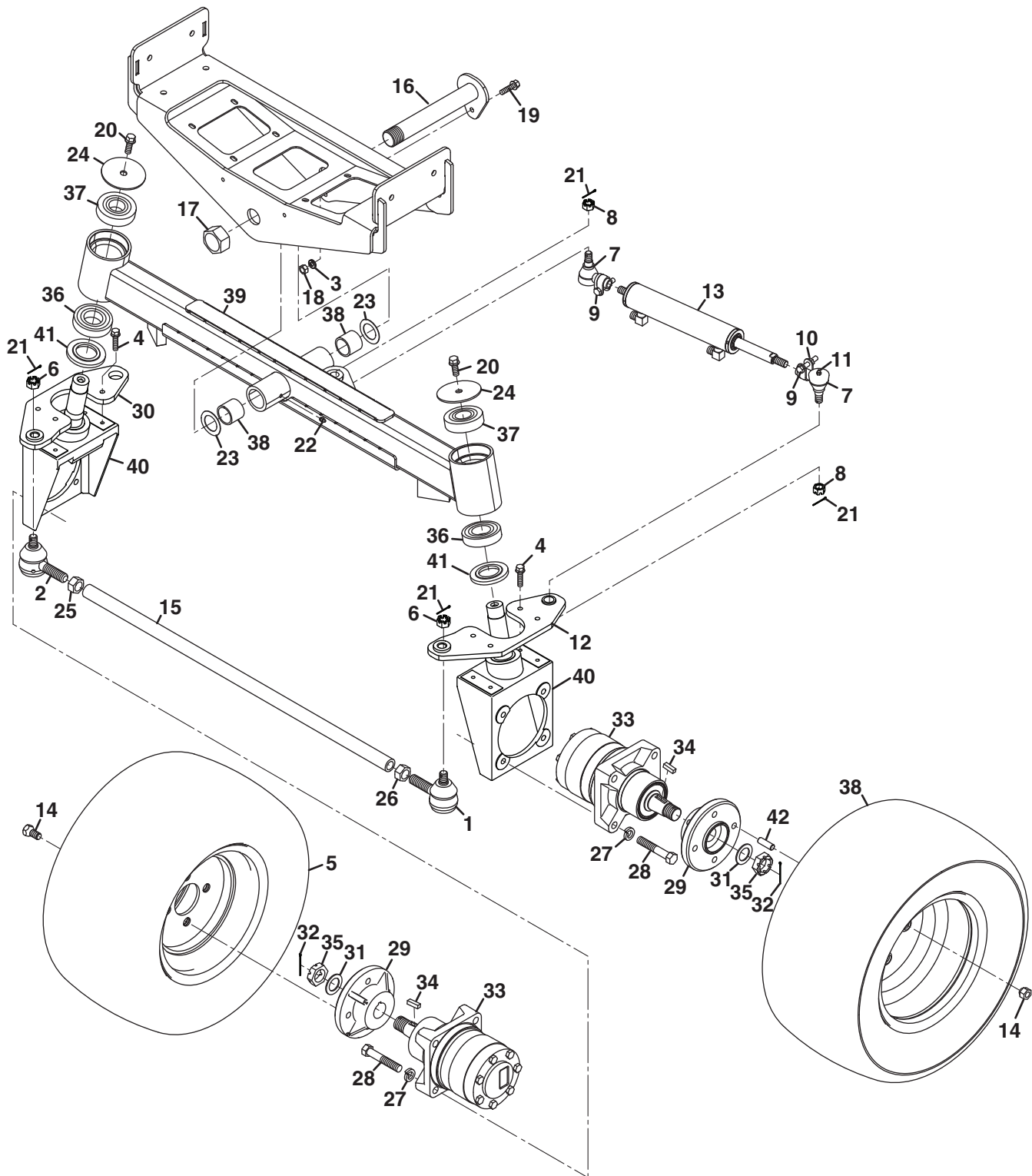


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4377630	1	Front Axle	REFERENCE SW14, SW15, See 56.1
2	4380820	1	Deck Valve Bracket	
3	4380318	1	4WD Valve Bracket	
4	4273511	2	Wheel Motor Sensor Bracket	
5	4273519	2	Wheel Sensor Plate	
6	4337787	2	Proximity Switch	
7	691692	2	Front Wheel Motor	
8	008008460	5	• M14-1.5 Spherical Collar Nut	
	4274170	1	• Complete Seal Kit	
	4274171	1	• Brake Assembly Seal Kit	
	4274172	1	• Brake Assembly Kit	
	4274173	1	• Brake Disk Kit	
	4274174	1	• Taper-In Bearing	
	4274175	1	• Taper-Out Bearing	
	4274176	1	• Bearing Support Seal Kit	
	4274177	1	• Cam Ring	
	4370586	5	• M14-1.5 Wheel Stud	
9	446154	12	1/2" Heavy Lock Washer	
10	450453	8	M8-1.25 Hex Flange Nut	
11	450326	16	Hex Nut, M12-1.75	
12	450471	4	M8-1.25 x 20 mm Hex Flange Screw	Reversing Fan Option Only
13	450483	16	M12-1.75 x 30 mm Hex Flange Screw	
14	64189-8A	8	1/2-13 x 1-1/4" Socket Head Screw	
15	4355106	2	26.5 x 14-12 Wheel Assembly	
	360111	2	• Inflation Valve	
	4355108	1	• 12 x 10.5 Wheel Rim	
	4238282	1	• 26.5 x 14-12 Ultra-Chevron Tire	
16	450472	4	M8-1.25 x 25 mm Hex Flange Screw	
17	4381366	1	Priority Valve Bracket	
18	4397046	2	Jacking Decal	
19	450424	16	Lock Washer, M12	
20	10011233	4	1/2-13 x 1-1.5" Socket Head Screw	

> Change from previous revision

9.1 Rear Axle

Serial No. All



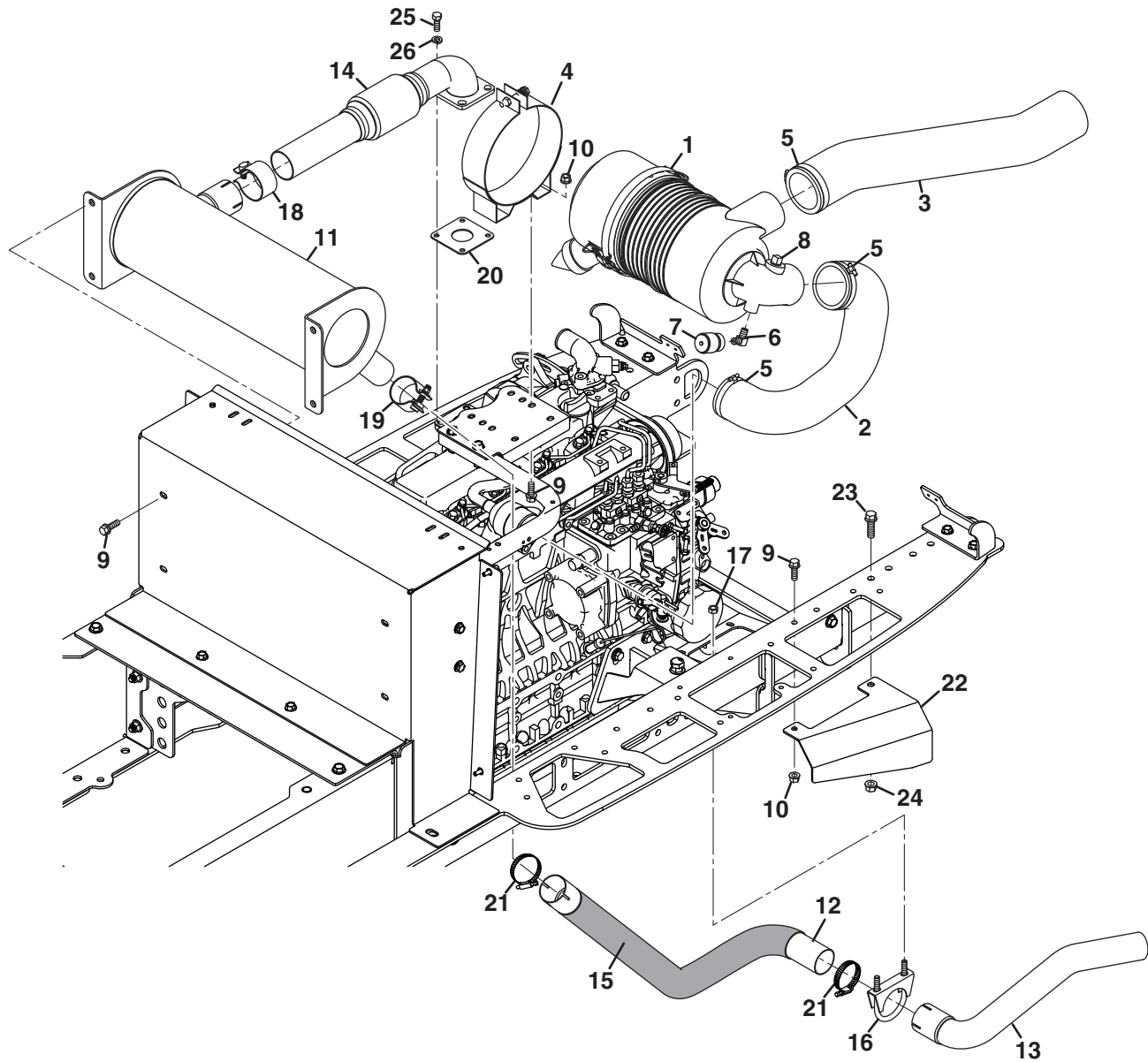
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4121828	1	LH Thread Ball Joint Socket	Includes Dust Cover
2	4121829	1	RH Thread Ball Joint Socket	
	4121986	1	• Dust Cover	
3	450422	1	Lock Washer, M8	
4	450480	8	M10-1.50 x 30 mm Hex Flange Screw	
5	4355109	2	20 x 10-8 Wheel Assembly	
	4355111	1	• 10 x 7" Wheel Rim	
	4236061	1	• 20 x 10-8 Grass Master Tire	
	360111	1	• Inflation Valve	
6	4124204	2	9/16-18 Slotted Hex Nut	
7	4141925	2	Steering Ball Joint	
8	445666	1	• 1/2-20 Slotted Hex Nut	
9	400194	1	• 5/16-18 x 1-3/4" Hex Head Screw	
10	444718	1	• 5/16-18 Hex Center Lock Nut	
11	471214	1	• 1/4-28 Straight Grease Fitting	
12	4376327	1	Left Side Steering Plate	
13	4271774	1	Steering Cylinder	
	4276851	1	• Seal Kit	
14	001341110	4	1/2-20 Wheel Nut	
15	4365318	1	Tie Rod	
16	4365726	1	Axle Pivot	
17	1393820	1	1-1/4-12 Nyloc Hex Nut	
18	450324	1	M8-1.25 Hex Nut	
19	450472	1	M8-1.25 x 25 mm Hex Flange Screw	
20	450477	2	M10-1.5 x 20 mm Hex Flange Screw	
21	10010180	4	7/64 x 1 - 1/4 Cotter Pin	
22	471214	1	1/4-28 Straight Grease Fitting	
23	62464-4A	2	Thrust Washer	
24	MBA2397A	2	11 x 82 x 3 mm Washer	
25	4400088	1	11/16-18 Jam Nut (RH Thread)	
26	800859	1	11/16-18 Jam Nut (LH Thread)	
27	446154	8	1/2" Heavy Lock Washer	
28	400414	8	1/2-13 x 2-1/4 Hex Head Screw	
29	10032981	2	Wheel Hub	
30	4376386	1	Right Side Steering Plate	
31	361451	2	Thrust Washer	
32	460032	2	1/8 x 1-1/2 Cotter Pin	
33	4322946	2	Delta Wheel Motor	
34	554780	1	• 5/16 x 1" Key	
35	554779	1	• 1-20 Castle Nut	
	692902	1	Rear Axle Assembly	
36	2036070	2	• 35 x 72 x 17 mm Ball Bearing	
37	2037061	2	• 30 x 72 x 19 mm Ball Bearing	
38	108003	2	• 1-1/2 x 1-1/4" Bearing	
39	4365317	1	• Rear Axle	
40	4372047	2	• Motor Yoke	
41	4200322	2	• King Pin Washer	
42	456800237	4	1/2-20 x 1-1/2 Stud	

> Change from previous revision

10.1 Air Cleaner and Exhaust

Serial No. All

Tier 4 Interim Normally Aspirated Engine

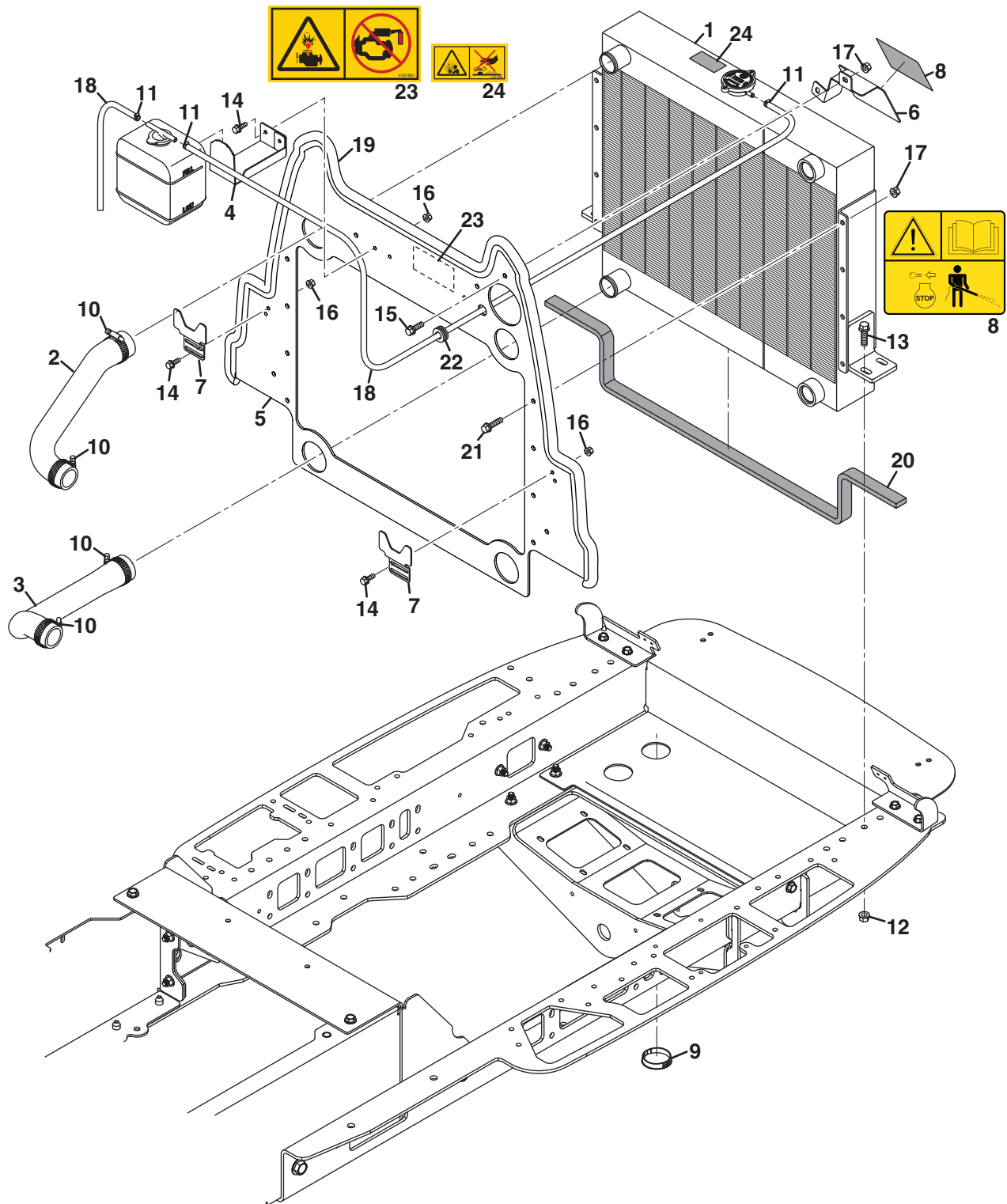


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4189940	1	Air Cleaner Assembly	Included with Engine
	4133818	1	• Air Cleaner Cover	
	4133820	1	• Primary Air Cleaner Filter	
	4133821	1	• Safety Air Cleaner Filter	
	5003373	1	• Vactuators Valve	
2	4372526	1	Air Cleaner to Engine Hose	
3	4377994	1	Air Cleaner Intake Hose	
4	4128084	1	Air Cleaner Bracket	
5	337229	3	Hose Clamp	
6	3002195	1	1/8-27 NPT 90° Elbow	
7	365398	1	Service Indicator	
8	472205	1	3/8-18 NPT Plug	
9	450471	7	M8-1.25 x 20 mm Hex Flange Screw	
10	450453	3	M8-1.25 Nut	
11	4379446	1	T4I Muffler	
12	4373386	1	T4I Exhaust Pipe	
13	4373387	1	T4I Tail Pipe	
14	4373926	1	Flex Pipe	
15	4382766	1	Insulating Sleeve	
16	162236	1	Exhaust Clamp	
17	444808	2	5/16-18 Nut	
18	4384186	1	2" Torca Clamp	
19	4384046	1	1-3/4" Torca Clamp	
20	4134436	1	Exhaust Gasket	
21	359615	2	Worm Gear Clamp	
22	685875	1	Exhaust Shield	
23	450479	1	M10-1.5 x 25 mm Hex Flange Screw	
24	450454	1	M10-1.5 Hex Flange Nut	
25	363586	4	M8-1.25 x 20 mm Hex Head Screw	
26	450411	4	M8 Lock Washer	

> Change from previous revision

11.1 Radiator/Oil Cooler

Serial No. All



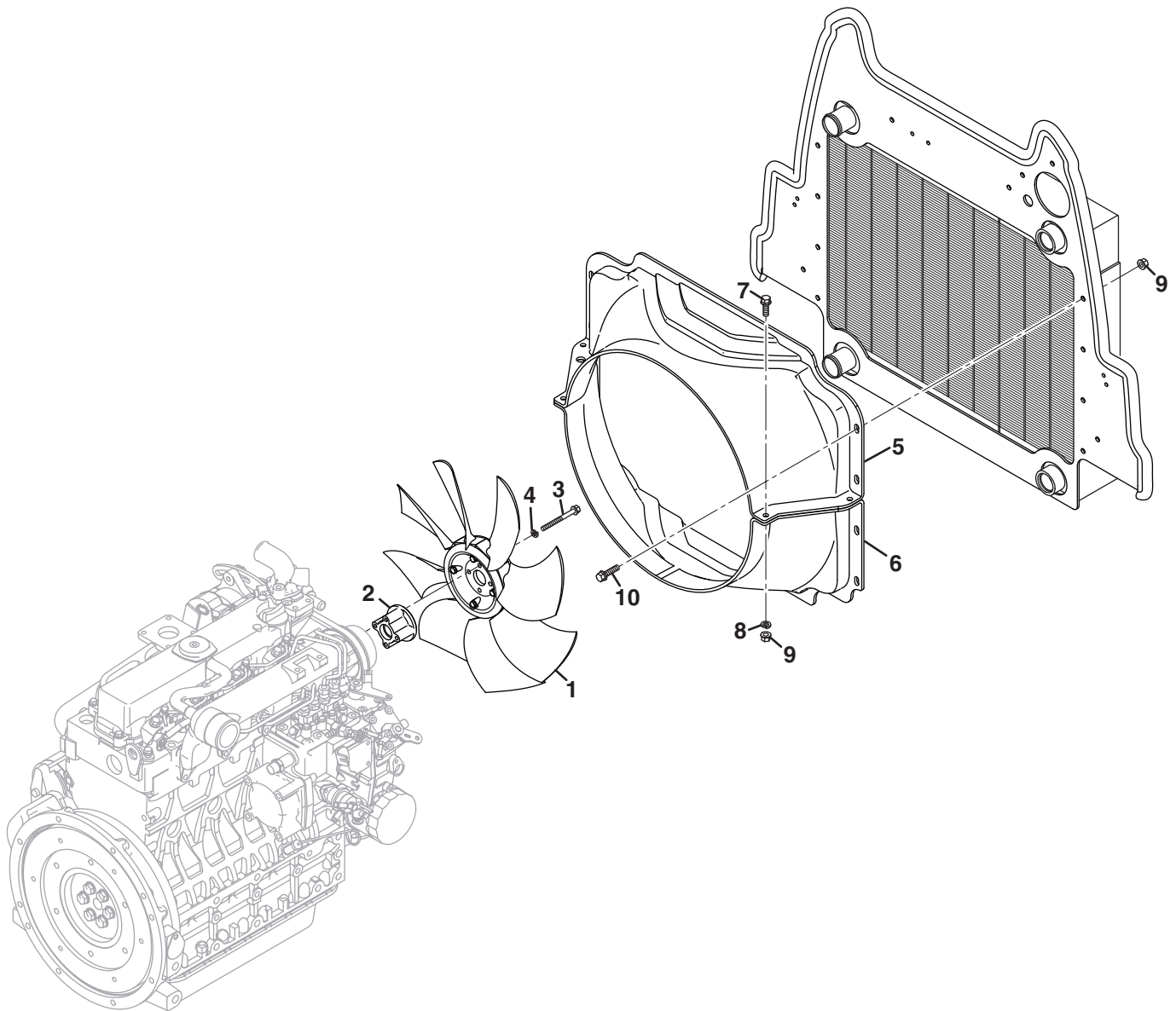
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10023068	1	Radiator	120" Length, Cut to length Cut to 80" Cut to 43"
2	4377326	1	Upper Radiator Hose	
3	4376586	1	Lower Radiator Hose	
4	4379208	1	Coolant Bottle Bracket	
5	4379806	1	Radiator Bulkhead	
6	4379607	1	Air Intake Shield	
7	4377246	2	Side Panel Support Bracket	
8	4153197	1	Pressure Wash Warning Label	
9	4380066	1	2" ID Locking Plug	
10	326112	4	Hose Clamp	
11	48540-01	2	Worm Gear Hose Clamp	
12	450454	4	M10-1.5 Hex Flange Nut	
13	450479	4	M10-1.5 x 25 mm Hex Flange Screw	
14	450464	6	M6-1 x 14 mm Hex Flange Screw	
15	450471	2	M8-1.25 x 20 mm Hex Flange Screw	
16	450452	6	M6-1 Hex Flange Nut	
17	450453	10	M8-1.25 Hex Flange Nut	
18	358623	AR	Bulk Hose, 5/16" I.D.	
19	4386749G001	AR	Hood Seal	
20	4138359	AR	Foam	
21	452389	8	M8-1.25 x 25 mm Hex Flange Screw	
22	303567	1	9/16 x 1-1/16 x 7/16" Grommet	
23	4181861	1	Start Assist Fluid Warning Label	
24	4181862	1	Radiator Cap Warning Label	

> Change from previous revision

12.1 Standard Fan

Serial No. All

Standard Fan



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	680708	1	8 Blade, 35° Fan	
2	4393386	1	40 mm Fan Spacer	
3	452383	4	M6-1 x 60 mm Hex Flange Screw	
4	450410	4	M6 x 9.6 x 1.4 Lock Washer	
5	4378387	1	Top Shroud	
6	4378510	1	Bottom Shroud	
7	452388	4	M8-1.25 x 20 mm Hex Flange Screw	
8	450422	12	M8 Lock Washer	
9	450453	12	M8-1.25 Hex Flange Nut	
10	452389	8	M8-1.25 x 25 mm Hex Flange Screw	

> Change from previous revision



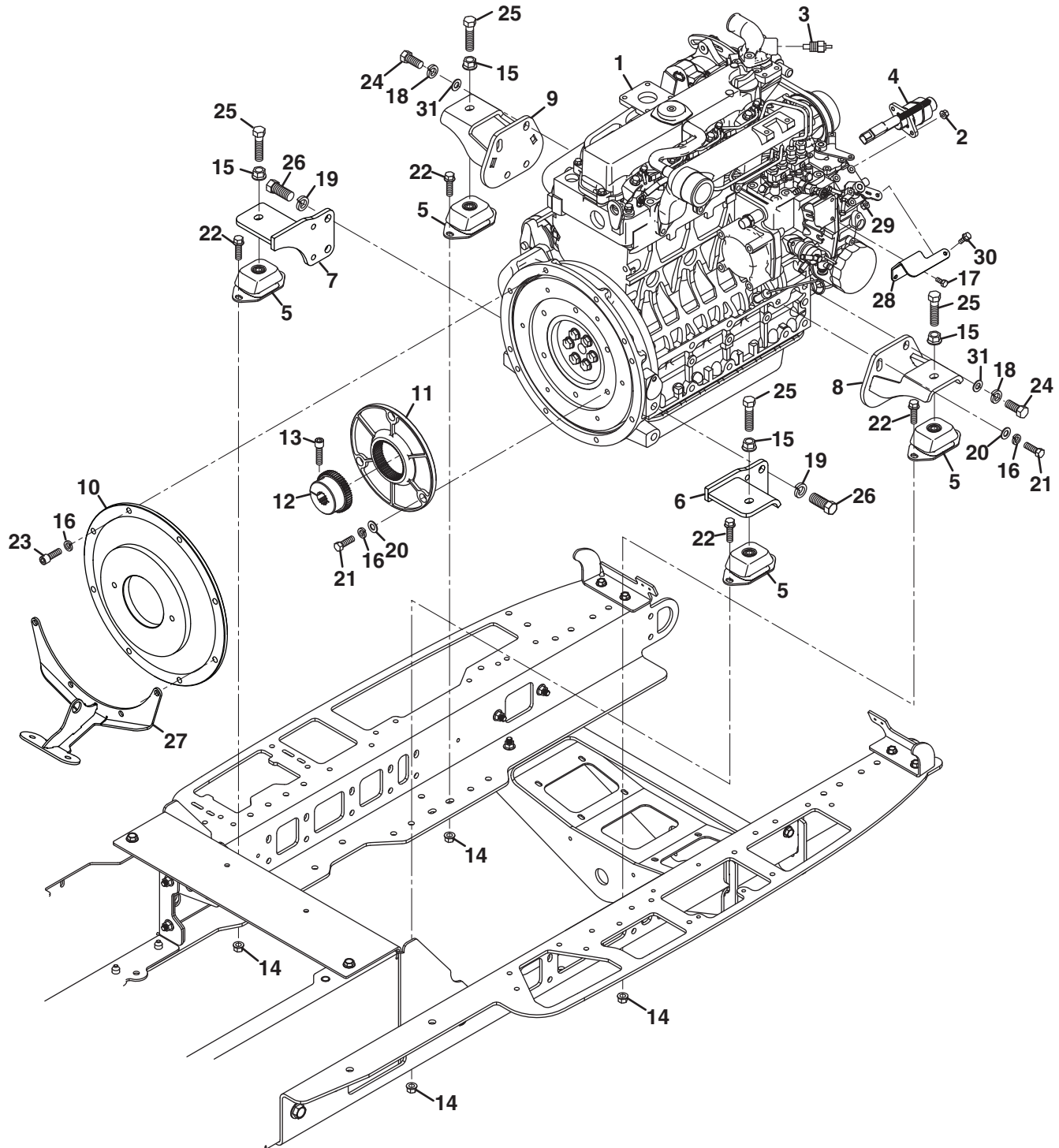
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10023069	1	Reversing Fan	
2				
3	4333749	1	Reversing Fan Hub	
4	4335527	1	Reversing Fan Motor	
	4354683	1	• Seal Kit	
5	463009	1	• #6 Woodruff Key	
6	10023708	1	Fan Brace Bracket	
7	10023701	1	Fan Mount Bracket	
8				
9	450213	4	M10-1.5 x 20 mm Hex Head Screw	
10	450471	4	M8-1.25 x 20 mm Hex Flange Screw	
11	450169	5	M6-1 x 14 mm Hex Head Screw	
12	452388	3	M8-1.25 x 20 mm Hex Flange Screw	
13	444778	1	1/2-20 Hex Jam Center Lock Nut	
14	450453	19	M8-1.25 Hex Flange Nut	
15	548804	2	3/8-16 Whizlock Nut	
16	450422	10	M8 Lock Washer	
17	446148	4	7/16 Heavy Lock Washer	
18	452389	8	M8-1.25 x 25 mm Hex Flange Screw	
19	10023600	1	Reversing Fan Shroud, Bottom	
20	10023601	1	Reversing Fan Shroud, Top	
21	4138359	1	Foam, 4.2 Inch	
22	697066	1	Fan Shroud Spacer	
23	691410	1	Fan Mount Weldment	
24	452391	1	M8-1.25 x 40 mm Hex Flange Screw	

> Change from previous revision

14.1 Engine

Serial No. All

Tier 4 Final Normally Aspirated Engine



REFERENCE R4, See 56.1
REFERENCE SOL17, See 56.1

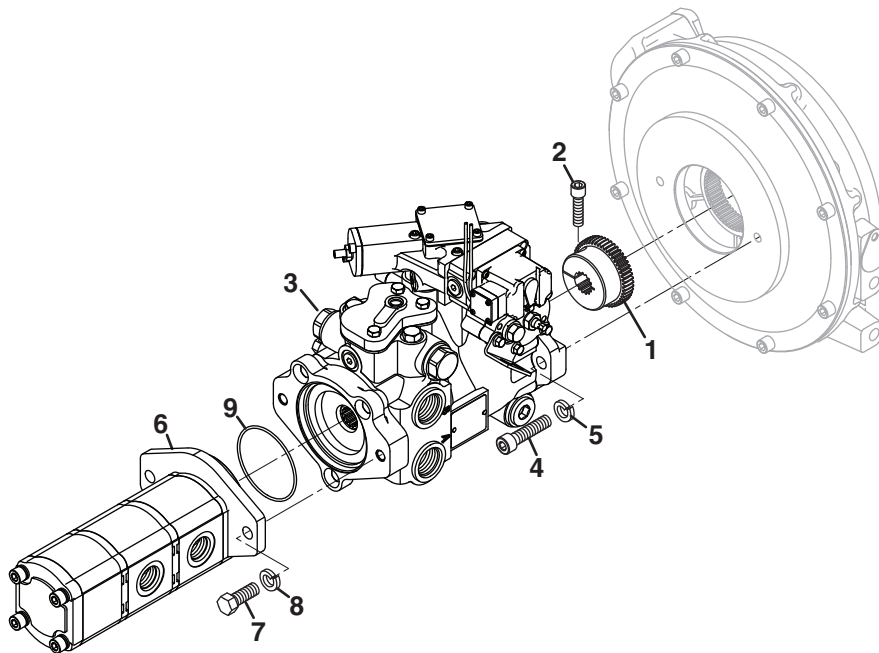
Included with engine

31

15.1 Pump Mounting

Serial No. All

5 Gang Mower with Standard Fan



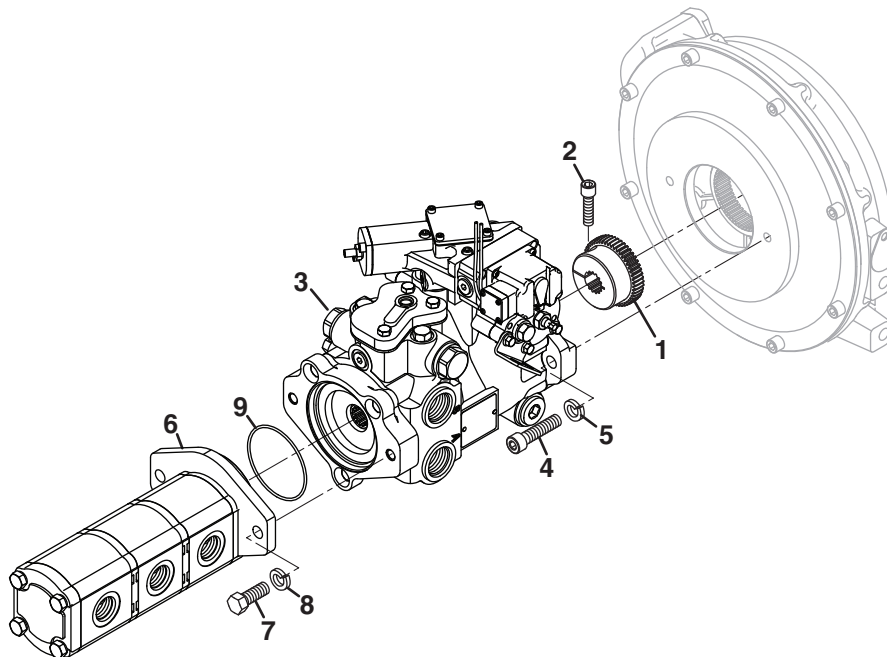
Item	Part No.	Qty.	Description	Serial Numbers/Notes
	4351366	1	Coupler Kit	
1	682108	1	• Hub	
2		1	• M10 x 30 mm SHCS	
3	688756	1	Traction Pump	
4	450758	2	M12-1.75 x 50 Socket Head Screw	
5	450424	2	M12 Lock Washer	
6	678119	1	3 Section Gear Pump	
7	400406	2	1/2-13 x 1-1/4" Hex Head Screw	
8	120166	2	1/2" Lock Washer	
9	557447	1	82.22 I.D. x 2.62 mm O-Ring	

> Change from previous revision

16.1 Pump Mounting

Serial No. All

5 Gang Mower with Reversing Fan Option



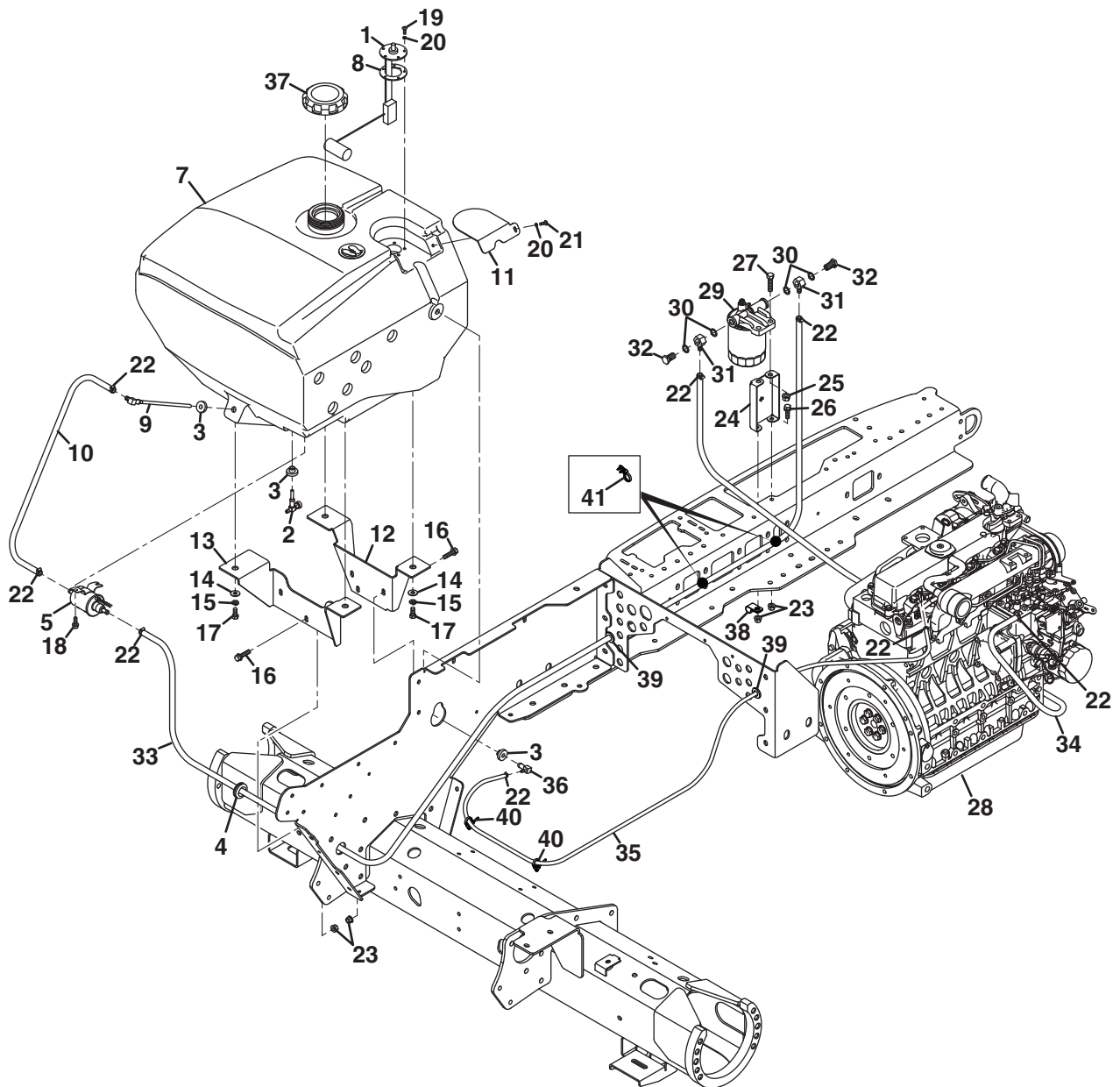
Item	Part No.	Qty.	Description	Serial Numbers/Notes
	4351366	1	Coupler Kit	
1	682108	1	• Hub	
2		1	• M10 x 30 mm SHCS	
3	688756	1	Traction Pump	
4	450758	2	M12-1.75 x 50 Socket Head Screw	
5	450424	2	M12 Lock Washer	
6	669441	1	3 Section Gear Pump	
7	400406	2	1/2-13 x 1-1/4" Hex Head Screw	
8	120166	2	1/2" Lock Washer	
9	557447	1	82.22 I.D. x 2.62 mm O-Ring	

> Change from previous revision

17.1 Fuel System

Tier 4 Interim Engine

Serial No. All

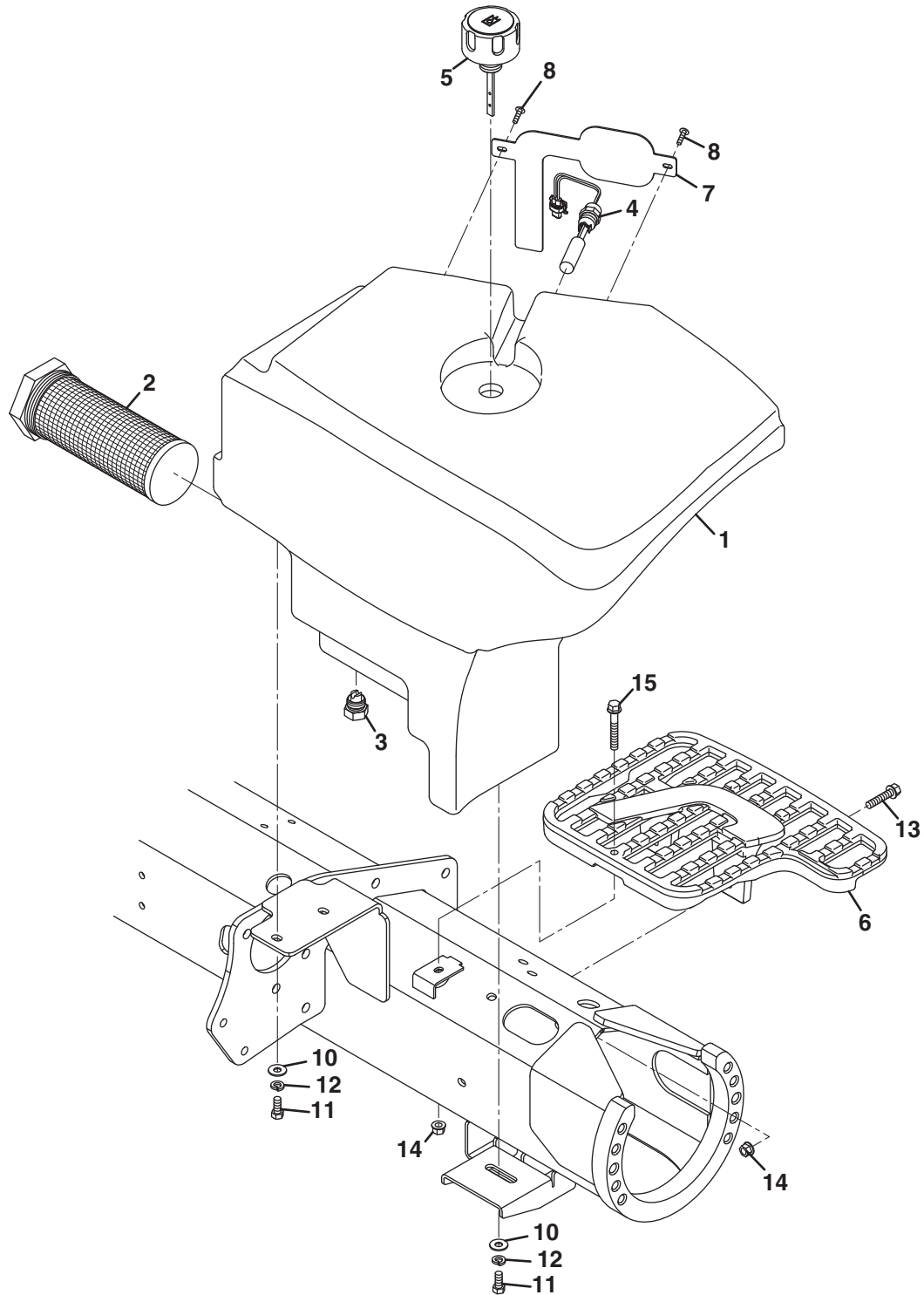


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	2208073	1	Fuel Level Sender	REFERENCE R2, See 56.1
2	2810702	1	Needle Valve	
3	361117	3	Bushing	
4	4241042	1	Grommet	REFERENCE M2, See 56.1
5	10007567	1	Fuel Pump	
6				
7	4356027	1	Fuel Tank	329 mm length
8	5003374	1	Fuel Sender Gasket	
9	4376007	1	Fuel Pickup Tube	
10	10028215	AR	Tank to Pump Fuel Hose	
11	4375066	1	Fuel Sender Cover	
12	4378507	1	Rear Fuel Tank Bracket	
13	4378508	1	Front Fuel Tank Bracket	
14	450400	4	M8 Flat Washer	
15	450422	4	M8 Lock Washer	
16	450472	6	M8-1.25 x 25 mm Hex Flange Screw	
17	450190	4	M8-1.25 x 16 mm Hex Head Screw	
18	450465	2	M6-1 x 16 mm Hex Flange Screw	
19	403910J	5	#10-24 x 1/2" Truss Head Screw	
20	447006	6	#10 External Tooth Lock Washer	
21	403908J	1	#110-24 x 3/8" Truss Head Screw	
22	48540-01	8	Hose Clamp	
23	450453	8	M8-1.25 Hex Flange Nut	
24	4362238	1	Fuel Filter Bracket	
25	450454	2	M10-1.5 Hex Flange Nut	
26	450471	2	M8-1.25 x 20 mm Hex Flange Screw	
27	450480	2	M10-1.5 x 30 mm Hex Flange Screw	
28	4355591	1	Kubota V2403-M-DI-E3B Engine	
29	4280171	1	• Fuel Filter	
	4297133	1	• • Cartridge, Filter	
30	4138107	4	• Washer, Brass	
31	2501172	2	• Fitting, Banjo	
32	4138103	2	• Bolt, Banjo	
33	358623	AR	Pump to Filter Fuel Hose	120 inch length, Cut to 74 inches
34	358623	AR	Filter to Engine Fuel Hose	120 inch length, Cut to 60 inches
35	363958	AR	Engine to Tank Return Fuel Hose	120 inch length, Cut to 75 inches
36	361748	1	Return Valve	Reverse Pressure Tube
37	4177480	1	Diesel Fuel Tank Cap	
38	361064	1	5/8" Tube Clamp	
39	809231	2	Split Rubber Grommet	See 19.1 for mounting location
40	4167640	2	Fir Tree Mount Cable Tie	
41	4323221	1	8-9 mm Tube Clip Cable Tie	

> Change from previous revision

18.1 Hydraulic Tank

Serial No. All



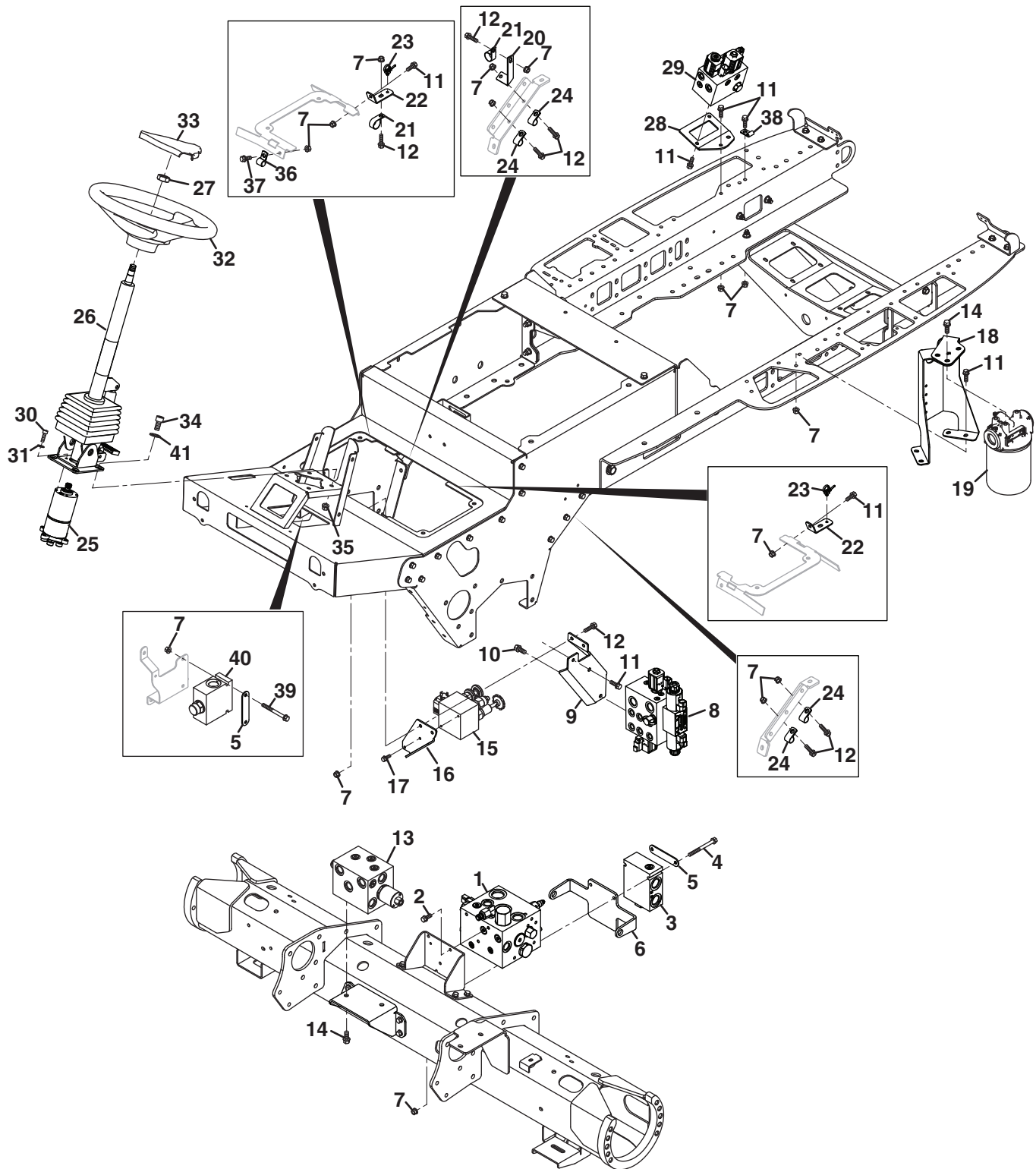
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4366696	1	Hydraulic Tank	REFERENCE SW6, See 56.1
2	4394168	1	Tank Mounted Strainer	
	2812075	1	• O-Ring	
3	3002397	1	Magnetic ORB Plug	
	339899	1	• -10 ORB O-Ring	
4	4316948	1	Float Switch	
5	4370126	1	Breather/Filler Cap	
6	4379506	1	Machined Step	
7	4378026	1	Tank Switch Cover	
8	00379G4	2	#10-24 x 1/2" Slotted Round Screw	
9				
10	450400	3	M8 Flat Washer	
11	450190	3	M8-1.25 x 16 mm Hex Head	
12	450422	3	M8 Lock Washer	
13	452390	2	M8-1.25 x 30 mm Hex Flange Screw	
14	450453	3	M8-1.25 Hex Flange Nut	
15	452391	1	M8-1.25 x 40 mm Hex Flange Screw	

> Change from previous revision

AR SERIES MOWER

19.1 Valve Mounting

Serial No. All



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4420191	1	4WD Valve	See 41.1
2	450470	3	M8-1.25 x 16 mm Hex Flange Screw	
3	4273112	1	Flow Divider Valve	See 43.1
4	452395	2	M8-1.25 x 85 mm Hex Flange Screw	
5	4398886	1	Valve Strap	
6	4377628	1	Tee Support Bracket	
7	450453	18/20	M8-1.25 Hex Flange Nut	Qty 20 for Reversing Fan Option
8	698850	1	Lift Valve	See 40.1
9	4366705	1	Lift Valve Bracket	
10	403756J	2	3/8-16 x 3/4" Hex Flange Screw	
11	450471	7/11	M8-1.25 x 20 mm Hex Flange Screw	Qty 11 for Reversing Fan Option
12	450472	8	M8-1.25 x 25 mm Hex Flange Screw	
13	4217900	1	Deck Valve	See 49.1
14	800385	5	3/8-16 x 3/4" Hex Flange Screw	
15	4201021	1	Brake Valve	See 42.1
16	4377388	1	Brake Valve Bracket	
17	450464	2	M6-1 x 14 mm Hex Flange Screw	
18	4380046	1	Hydraulic Filter Bracket	
19	681461	1	Hydraulic Filter	
	681462	1	• Filter Head	
	555771	1	• Filter Cartridge	
	684341	1	• Hydraulic Pressure Switch	REFERENCE SW16, See 56.1
20	676711	1	Clamp Bracket	
21	831225	2	1" Tube Clamp	
22	4420272	2	Tube Mounting Bracket	
23	4167640	2	Fir Tree Mount Cable Tie	Fuel Return Hose
24	361064	4	5/8" Tube Clamp	Rear Mow Tubes
25	4395252	1	Steering Valve	See 47.1
26	4198282	1	Steering Column	See 48.1
27	450020338	1	• Nut, 5/8-18 Thin Hex	
28	4381367	1	Fan Valve Bracket	Reversing Fan Option
29	691524	1	Reversing Fan Valve	Reversing Fan Option
30	450712	4	Screw, M6-1 x 20 mm SHCS	Apply Loctite 242 (Blue)
31	450410	4	Lock Washer, M6 x 9.6 x 1.5	
32	2811364	1	Steering Wheel	
33	2811365	1	• Cap, Steering Wheel	
34	450739	4	Screw, M10-1.5 x 30 mm SHCS	
35	450454	4	M10-1.5 Hex Flange Nut	
36	366424	1	Tube Clamp	
37	450470	1	M8-1.25 x 16 mm Hex Flange Screw	
38	367028	1	3/8" Tube Clip	Reversing Fan Option
39	452394	2	M8-1.25 x 70 mm Hex Flange Screw	Reversing Fan Option
40	4380408	1	Priority Valve	Reversing Fan Option
41	450412	4	Lock Washer, M10 x 15.9 x 2.5	

> Change from previous revision



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4366696	1	Hydraulic Tank	See 19.1
2	4394168	1	Tank Mounted Strainer	
	2812075	1	• O-Ring	
3	4394167	1	-32 ORFS x -32 ORB Straight Fitting	
		1	• -32 ORFS O-Ring	
	339904	1	• -32 ORB O-Ring	
4	10031675	1	Suction Tube	
	339913	1	• -16 ORFS O-Ring	
5	679426	1	Charge Pump Suction Tube	
6	340039	1	-16 ORFS x -16 ORB 45° Fitting	
	339913	1	• -16 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
7	3008673	9	Constant Torque Hose Clamp	
8	685524G004	2	Suction Hose	
9	3001296	2	-12 ORB x 1" Beaded Hose Fitting	
	339900	1	• -12 ORB O-Ring	
10	688756	1	Traction Pump	
11	678119	1	3 Section Gear Pump	
12	4394426	1	2" Tube Clamp	
13	677721	1	3/4 NPT x -12 ORB 90° Swivel Fitting	
	339900	1	• -12 ORB O-Ring	
14	685524G001	1	Traction Pump Return Hose	
15	4380486	1	Return Tube	
	339908	1	• -4 ORFS O-Ring	
	339909	4	• -6 ORFS O-Ring	
	339910	2	• -8 ORFS O-Ring	
	339913	1	• -16 ORFS O-Ring	
16	831225	2	1" Tube Clamp	
17	685524G003	1	Tank Return Hose	
18	4420203	1	-16 ORB x 1" Beaded Hose Fitting	
	339913	1	• -16 ORFS O-Ring	
19	677727	1	3/4 NPT x 1" Beaded Hose 90° Fitting	
20	677934	1	Charge Pump Suction Hose	
21	450471	1	M8-1.25 x 20 mm Hex Flange Screw	
22	450453	1	M8-1.25 Hex Flange Nut	

> Change from previous revision



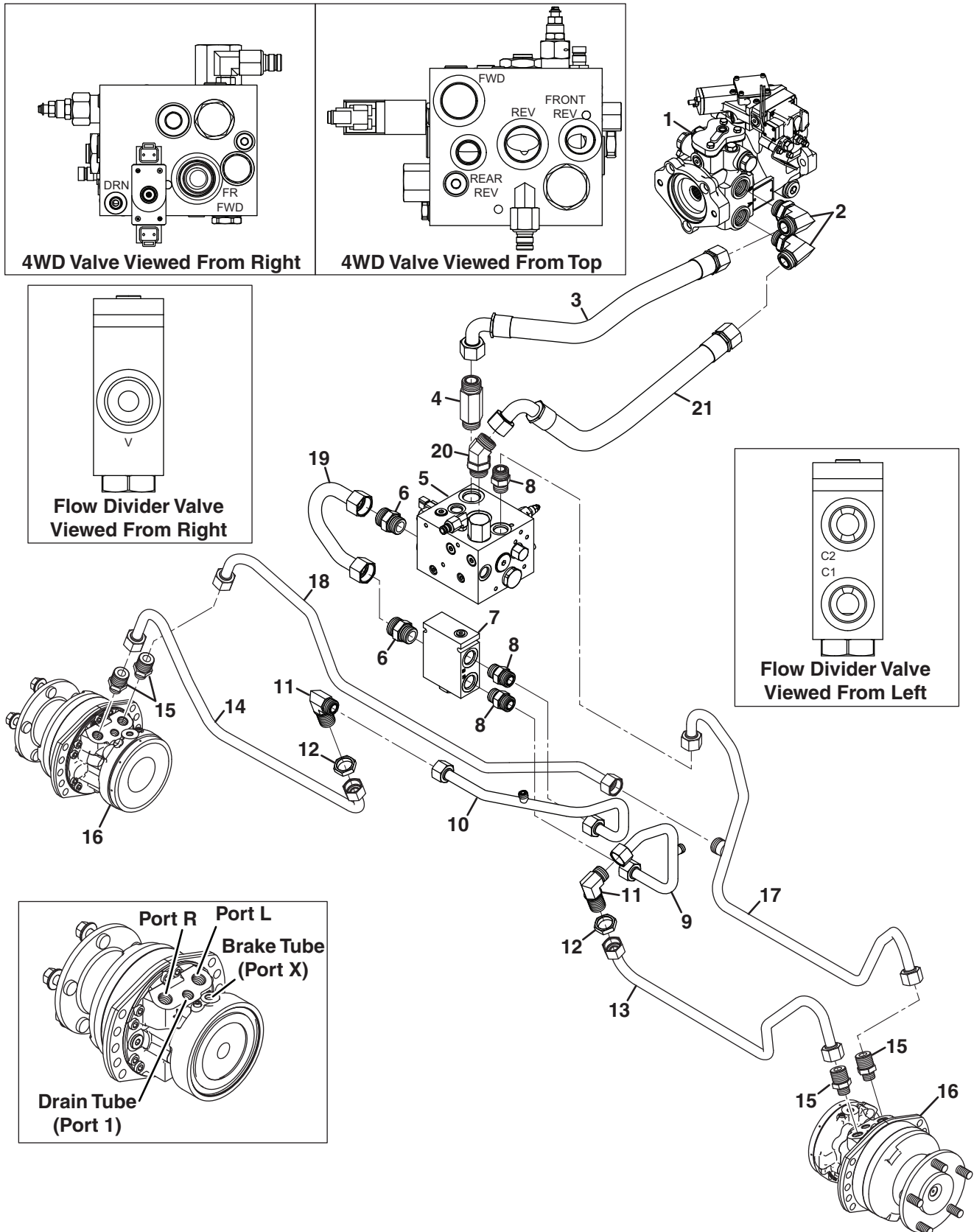
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4366696	1	Hydraulic Tank	
2	4394168	1	Tank Mounted Strainer	
	2812075	1	• O-Ring	
3	4394167	1	-32 ORFS x -32 ORB Straight Fitting	
		1	• -32 ORFS O-Ring	
	339904	1	• -32 ORB O-Ring	
4	4394246	1	Suction Tube	
	339913	1	• -16 ORFS O-Ring	
5	679426	1	Charge Pump Suction Tube	
6	340039	1	-16 ORFS x -16 ORB 45° Fitting	
	339913	1	• -16 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
7	3008673	11	Constant Torque Hose Clamp	
8	685524G004	3	Suction Hose	
9	3001296	3	-12 ORB x 1" Beaded Hose Fitting	
	339900	1	• -12 ORB O-Ring	
10	688756	1	Traction Pump	
11	669441	1	3 Section Gear Pump	
12	4394426	1	2" Tube Clamp	
13	677721	1	3/4 NPT x -12 ORB 90° Swivel Fitting	
	339900	1	• -12 ORB O-Ring	
14	685524G001	1	Traction Pump Return Hose	
15	4380486	1	Return Tube	
	339908	1	• -4 ORFS O-Ring	
	339909	4	• -6 ORFS O-Ring	
	339910	2	• -8 ORFS O-Ring	
	339913	1	• -16 ORFS O-Ring	
16	831225	2	1" Tube Clamp	
17	685524G003	1	Tank Return Hose	
18	4420203	1	-16 ORB x 1" Beaded Hose Fitting	
	339913	1	• -16 ORFS O-Ring	
19	677727	1	3/4 NPT x 1" Beaded Hose 90° Fitting	
20	677934	1	Charge Pump Suction Hose	
21	450471	1	M8-1.25 x 20 mm Hex Flange Screw	
22	450453	1	M8-1.25 Hex Flange Nut	

> Change from previous revision

AR SERIES MOWER

22.1 Front Traction Hydraulics

Serial No. All

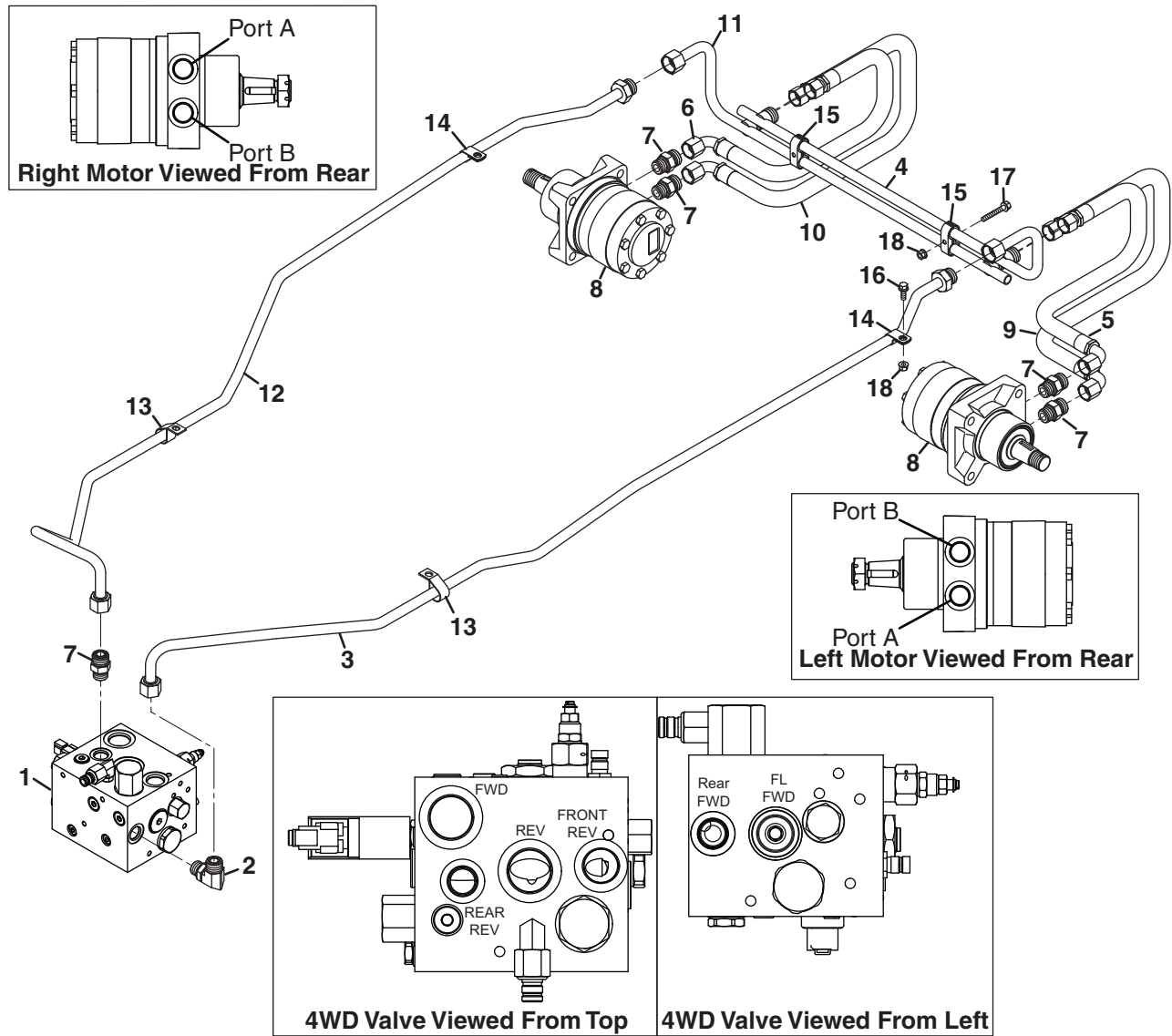


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	688756	1	Traction Pump	Pump Port B, 4WD Port FWD
2	340077	2	-16 ORFS x -16 ORB 90° Fitting	
	339913	1	• -16 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
3	4380306	1	Pump to 4WD Valve Hose	
4	340016	1	-16 ORFS x -16 ORB Long Fitting	
	339913	1	• -16 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
5	4420191	1	4WD Valve	
6	339999	2	-16 ORFS x -16 ORB Straight Fitting	
	339913	1	• -16 ORFS O-Ring	See 41.1
	339901	1	• -16 ORB O-Ring	
7	4273112	1	Flow Divider Valve	
8	339994	3	-12 ORFS x -12 ORB Straight Fitting	
	339912	1	• -12 ORFS O-Ring	
	339900	1	• -12 ORB O-Ring	
9	682979	1	Divider to Left Bulkhead Tube	
	339909	1	• -6 ORFS O-Ring	
10	682980	1	Divider to Right Bulkhead Tube	
	339909	1	• -6 ORFS O-Ring	Flow Divider Port C1 Flow Divider Port C2
11	340170	2	-12 ORFS 90° Bulkhead Fitting	
	339912	2	• -12 ORFS O-Ring	
12	339964	2	-12 ORFS (1-3/16-12) Bulkhead Nut	
13	4380309	1	Left Bulkhead to Motor Tube	
14	4380308	1	Right Bulkhead to Motor Tube	
15	339993	4	-12 ORFS x -10 ORB Straight Fitting	
	339912	1	• -12 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
16	691692	2	Front Wheel Motor	
17	682982	1	Left Motor to 4WD Valve Tube	4WD Port FRONT REV
	339912	1	• -12 ORFS O-Ring	
18	682993	1	Right Motor to Left Tube	
19	682721	1	4WD Valve to Flow Divider Tube	
20	340039	1	-16 ORFS x -16 ORB 45° Fitting	
	339913	1	• -16 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
21	677984	1	4WD Valve to Pump Hose	
				4WD Port REV, Pump Port A

> Change from previous revision

23.1 Rear Traction Hydraulics

Serial No. All

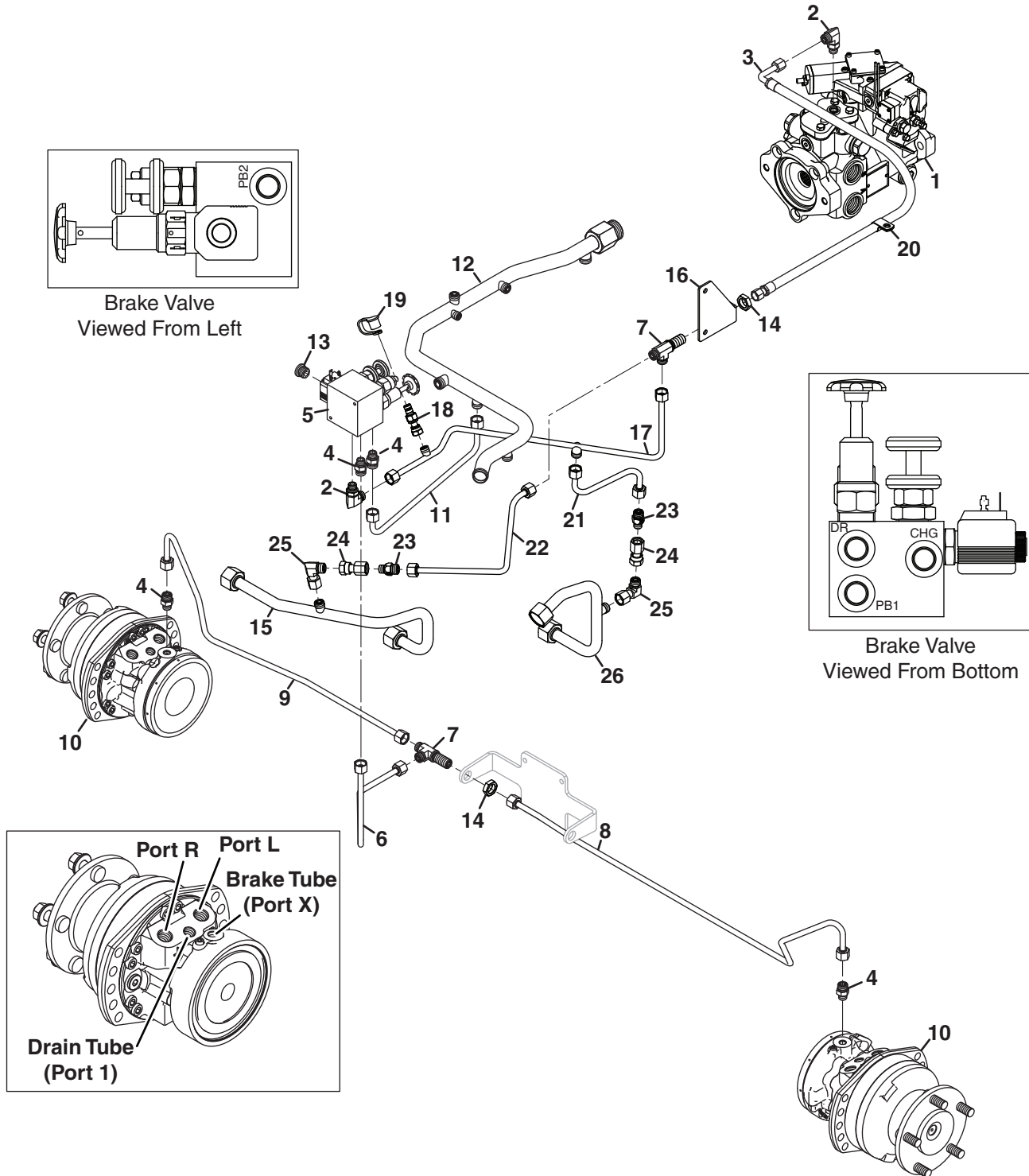


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4420191	1	4WD Valve	See 41.1
2	340070	1	-10 ORFS x -10 ORB 90° Fitting	
	339911	1	• -10 ORFS O-Ring	4WD Valve Port REAR FWD
	339899	1	• -10 ORB O-Ring	
3	4380286	1	Valve to Forward Tube	
	339911	1	• -10 ORFS O-Ring	
4	4380316	1	Rear Forward Tube	Left Motor Port B Right Motor Port A
	339911	1	• -10 ORFS O-Ring	
5	4381266	1	Forward Tube to Left Motor Hose	
6	4381266	1	Forward Tube to Right Motor Hose	
7	339989	5	-10 ORFS x -10 ORB Straight Fitting	Left Motor Port A Right Motor Port B
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
8	4380406	2	Delta Wheel Motor	
9	4381266	1	Left Motor to Reverse Tube Hose	4WD Valve Port REAR REV
10	4381266	1	Right Motor to Reverse Tube Hose	
11	4380317	1	Rear Reverse Tube	
	339911	2	• -10 ORFS O-Ring	
12	4380313	1	Valve to Reverse Tube	See 5.1
	339911	1	• -10 ORFS O-Ring	
13	469016509	2	7/8" Tube Clamp	
14	361064	2	5/8" Tube Clamp	
15	3003110	2	Double 5/8" Hose Clamp	
16	450465	1	M6-1 x 16 mm Hex Flange Screw	
17	452381	2	M6-1 x 40 mm Hex Flange Screw	
18	450452	3	M6-1 Hex Flange Nut	

> Change from previous revision

24.1 Brake Hydraulics

Serial No. All



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	688756	1	Traction Pump	Brake Valve Port PB1
2	340061	2	-6 ORFS x -6 ORB 90° Fitting	
	339909	1	• -6 ORFS O-Ring	
	339897	1	• -6 ORB O-Ring	
3	4377389	1	Pump to Bulkhead Hose	
4	339979	4	-6 ORFS x -6 ORB Straight Fitting	
	339909	1	• -6 ORFS O-Ring	
	339897	1	• -6 ORB O-Ring	
5	4201021	1	Brake Valve	
6	4377390	1	Brake Valve to Motor Tee Hose	
7	340215	2	-6 ORFS Bulkhead Fitting	
	339909	3	• -6 ORFS O-Ring	
8	4380266	1	Left Motor Brake Tube	Left Motor Port X
9	4379966	1	Right Motor Brake Tube	Right Motor Port X
10	691692	2	Front Wheel Motor	Brake Valve Port DR
11	4379946	1	Brake Valve to Return Tube	
12	4380486	1	Return Tube	
	339908	1	• -4 ORFS O-Ring	
	339909	4	• -6 ORFS O-Ring	
	339910	2	• -8 ORFS O-Ring	
	339913	1	• -16 ORFS O-Ring	
13	3010199	1	-6 ORB Internal Hex Plug	
	339909	1	• -6 ORFS O-Ring	
14	339961	2	-6 ORFS (11/16-16) Bulkhead Nut	Brake Valve Port PB2
15	682980	1	Divider to Right Bulkhead Tube	
	339909	1	• -6 ORFS O-Ring	
16	677892	1	Brake Line Bracket	
17	677940	1	Bulkhead To Brake Valve Tube	
	339909	2	• -6 ORFS O-Ring	
18	686723	1	-6 ORFS Diagnostic Fitting	
19	363030	1	• Dust Cover	
20	361064	1	5/8" Hose Clamp	
21	690633	1	Left Motor Charge Tube	
22	690864	1	Right Motor Charge Tube	
23	691053	2	-6 ORFS x -6 ORB Check Valve	Brake Valve Port CHG
	339909	1	• -6 ORFS O-Ring	
	339897	1	• -6 ORB O-Ring	
24	691049	2	-6 ORB x -6 ORFS Swivel Fitting	
25	340375	2	-6 ORFS Swivel Fitting	
	339909	1	• -6 ORFS O-Ring	
26	682979	1	Divider to Left Bulkhead Tube	
	339909	1	• -6 ORFS O-Ring	

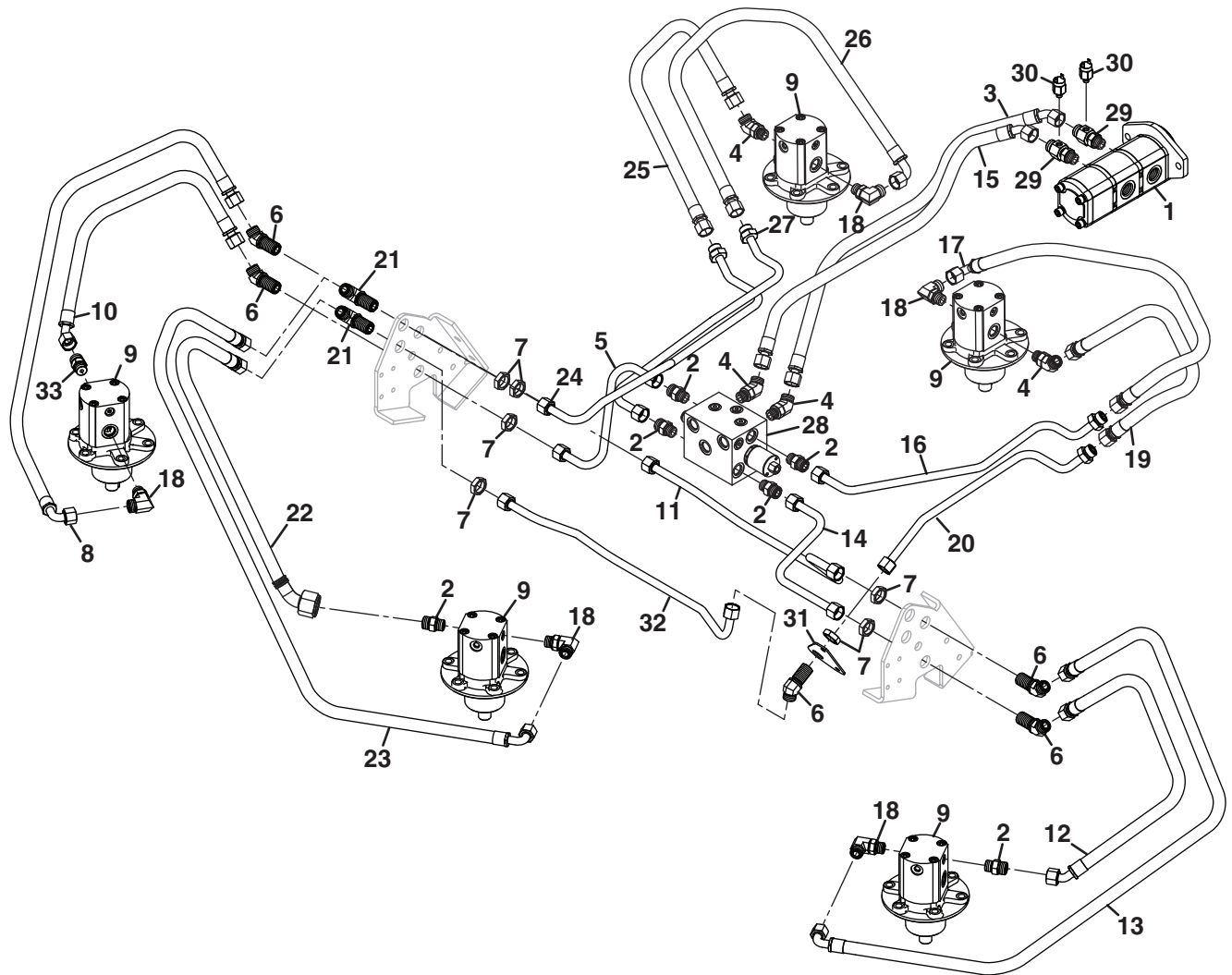
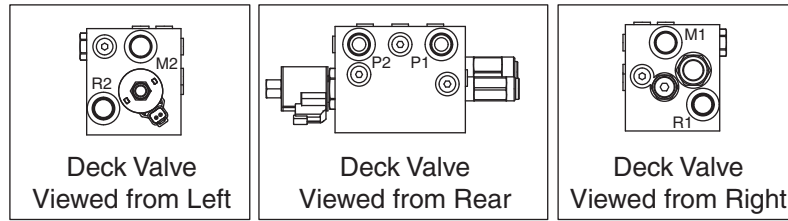
> Change from previous revision

AR SERIES MOWER

25.1 Mow Hydraulics

Serial No. All

5 Gang Mower



AR SERIES MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	678119	1	3 Section Gear Pump	Standard Fan
1	669441	1	3 Section Gear Pump	Reversing Fan Option
2	339989	6	-10 ORFS x -10 ORB Straight Fitting	
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
3	678042	1	Pump Section 1 to Deck Valve Hose	Deck Valve Port P2
4	340033	4	-10 ORFS x -10 ORB 45° Fitting	
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
5	4399069	1	Deck Valve to Right Bulkhead Tube	Deck Valve Port M1
6	340193	5	-10 ORFS 45° Union Bulkhead Fitting	
	339911	2	• -10 ORFS O-Ring	
7	339963	7	-10 ORFS (1-14) Bulkhead Nut	
8	681393	1	Bulkhead to Right Motor Hose	
9	4256390	5	Deck Motor	
10	4380817	1	Right Motor to Bulkhead Hose	
11	4399068	1	Right to Left Bulkhead Tube	
12	4380817	1	Bulkhead to Left Motor Hose	
13	681393	1	Left Motor to Bulkhead Hose	
14	4399070	1	Left Bulkhead to Deck Valve Tube	Deck Valve Port R2
15	678041	1	Pump Section 2 to Deck Valve Hose	Deck Valve Port P1
16	4399188	1	Deck Valve to Left Motor Tube	Deck Valve Port M2
	339911	1	• -10 ORFS O-Ring	
17	677989	1	Tube to Left Rear Motor Hose	
18	340070	5	-10 ORFS x -10 ORB 90° Fitting	
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
19	4380812	1	Left Rear Motor to Tube Hose	
20	687285	1	Left Rear Motor to Bulkhead Tube	
	339911	1	• -10 ORFS O-Ring	
21	340169	2	-10 ORFS 90° Union Bulkhead Fitting	
	339911	2	• -10 ORFS O-Ring	
22	687007	1	Bulkhead to Center Motor Hose	
23	687001	1	Center Motor to Bulkhead Tube	
24	686404	1	Bulkhead to Right Rear Motor Tube	
	339911	1	• -10 ORFS O-Ring	
25	4380812	1	Tube to Right Rear Motor Hose	
26	677989	1	Right Rear Motor to Tube Hose	
27	4399187	1	Right Motor to Deck Valve Tube	Deck Valve Port R1
	339911	1	• -10 ORFS O-Ring	
28	4217900	1	Deck Valve	
29	679113	2	-10 ORFS x -10 ORB Special Fitting	
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
Parts List Continued On the Next Page				

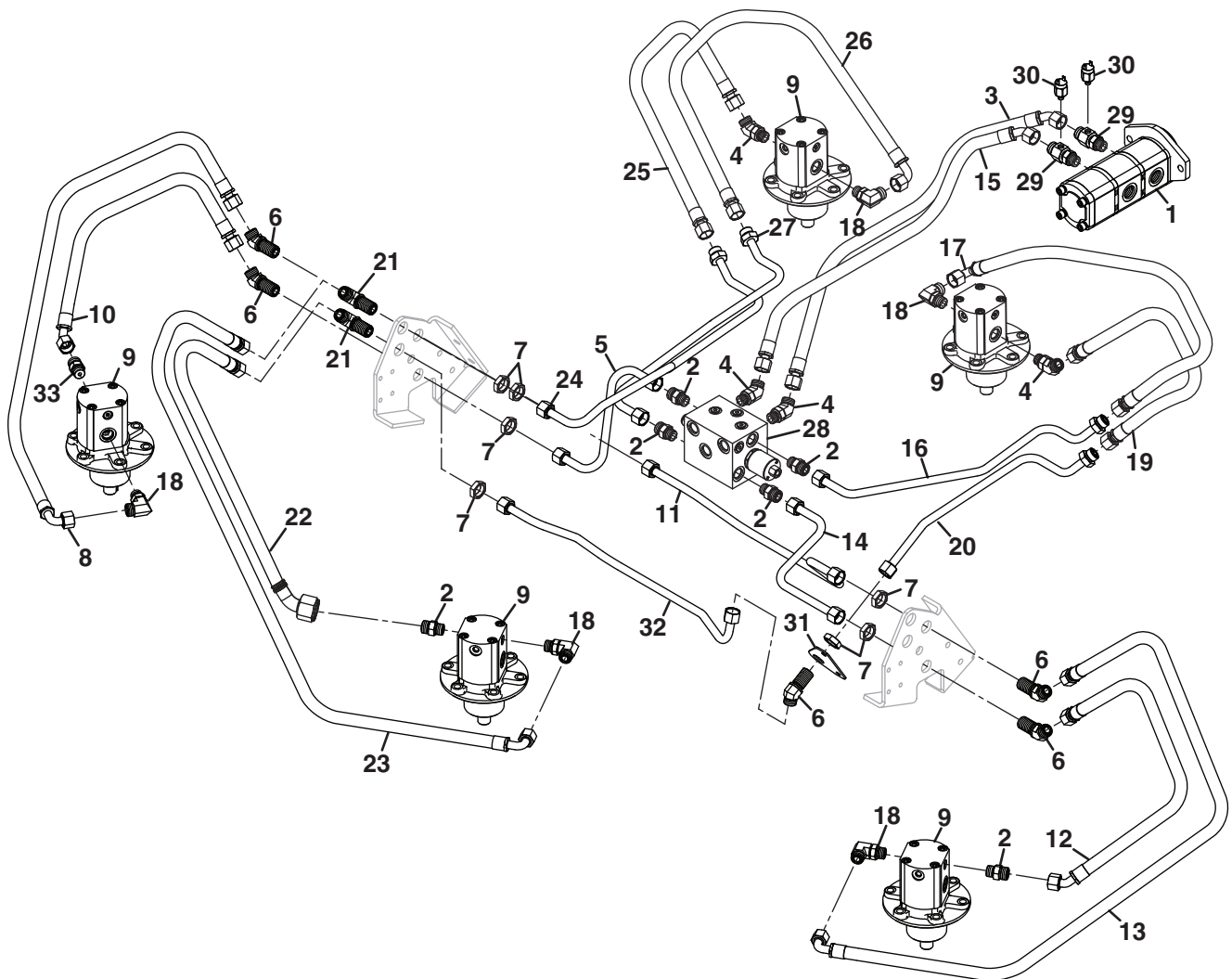
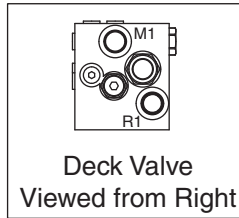
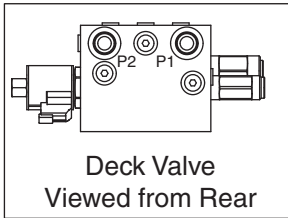
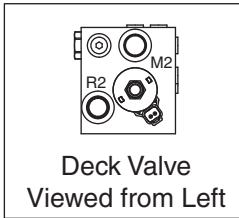
> Change from previous revision

AR SERIES MOWER

25.1 Mow Hydraulics (Cont)

Serial No. All

5 Gang Mower



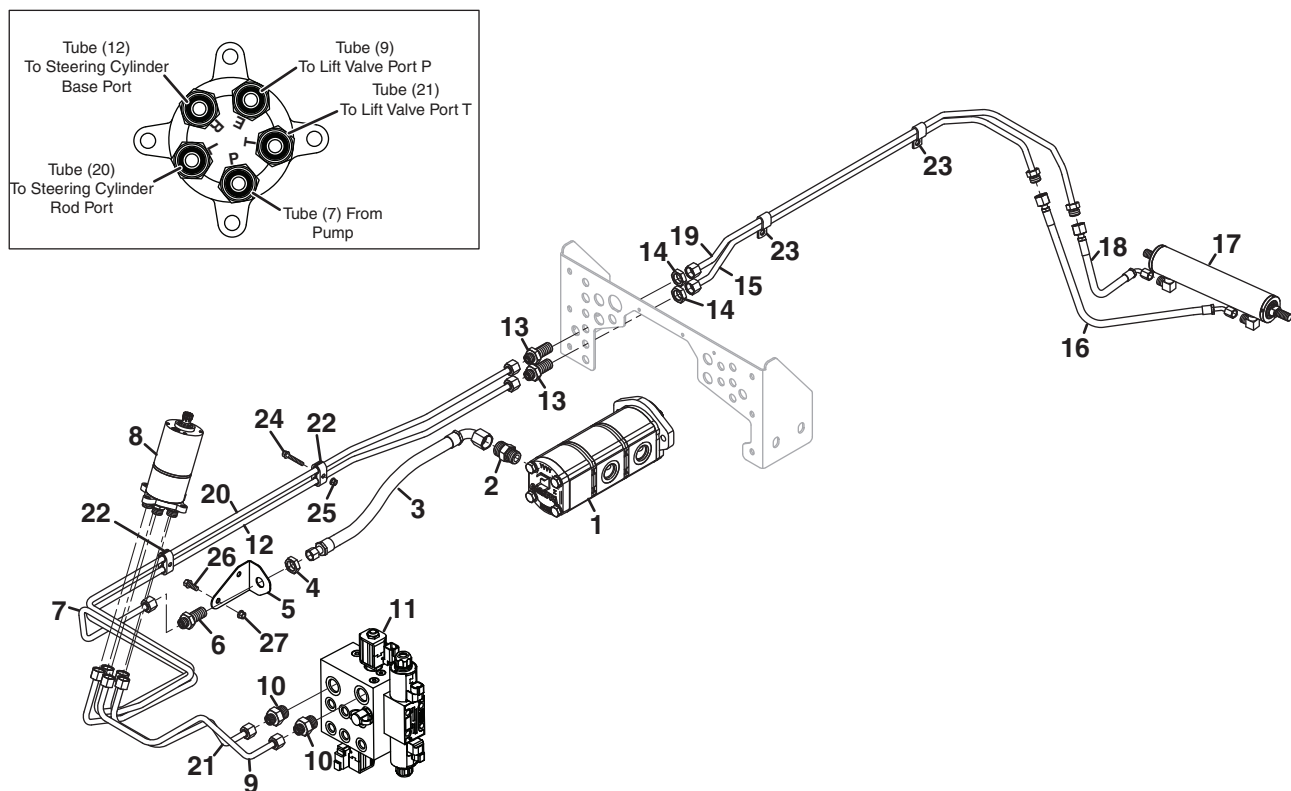
AR SERIES MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
30	678265	2	Pressure Switch	REFERENCE SW11, SW12, See 56.1 See 35.1 100 psi Crack Pressure
	339896	1	• -4 ORB O-Ring	
31	687283	1	Bulkhead Plate	
32	686396	1	Center Motor Cross Tube	
33	4304294	1	-10 ORFS x -10 ORB Check Valve	
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	

> Change from previous revision

26.1 Steering Hydraulics 5 Gang Mower with Standard Fan

Serial No. All



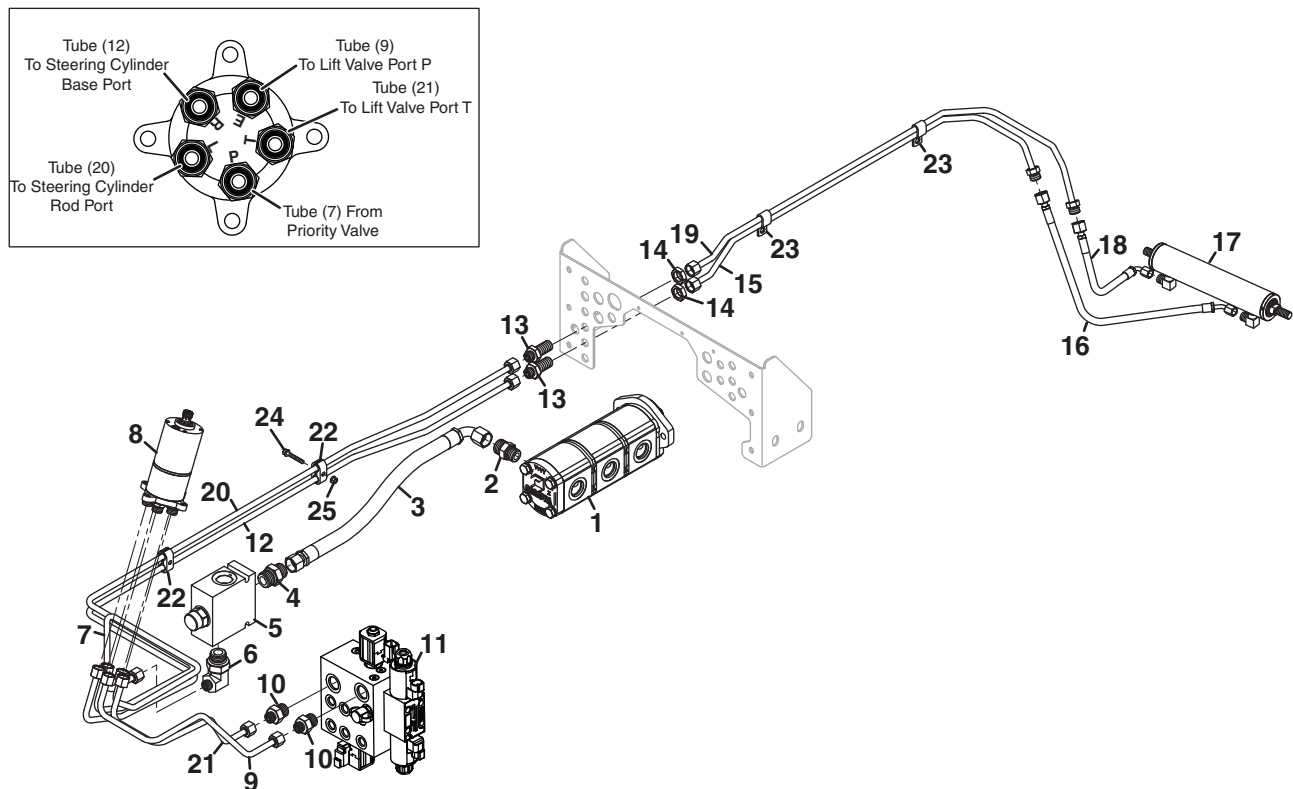
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	678119	1	Gear Pump	
2	339989	1	-10 ORFS x -10 ORB Straight Fitting	
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
● 3	10012597	1	Steering Valve Pressure Hose	
● 4	339961	1	-6 ORFS (11/16-16) Bulkhead Nut	
● 5	4380246	1	Bulkhead Bracket	
● 6	340239	1	-6 ORFS Union Bulkhead Fitting	
	339909	2	• -6 ORFS O-Ring	
● 7	4380166	1	Steering Valve Pressure Tube	Steering Valve Port P
8	4395252	1	Steering Valve	
	4197940	1	• Seal Kit	
	339909	5	• -6 ORFS O-Ring	
● 9	4374427	1	Steering Valve To Lift Valve Tube	Steering Port E, Lift Valve Port P
10	339981	2	-6 ORFS x -10 ORB Straight Fitting	
	339909	1	• -6 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
11	698850	1	Lift Valve	
12	4355764	1	Right Front Steering Tube	Steering Valve Port R
13	340239	2	-6 ORFS Union Bulkhead Fitting	
	339909	2	• -6 ORFS O-Ring	
14	339961	2	-6 ORFS (11/16-16) Bulkhead Nut	
15	4362222	1	Right Rear Steering Tube	
16	4365827	1	Right Pressure Steering Hose	Steering Cylinder Rod Port
17	4271774	1	Steering Cylinder	
	4276851	1	• Seal Kit	
18	4365791	1	Left Steering Hose	Steering Cylinder Base Port
19	4362223	1	Left Rear Steering Tube	
20	4355763	1	Left Front Steering Tube	Steering Valve Port L
21	4356986	1	Steering Valve Return Tube	Steering and Lift Valve Port T
22	364221	2	Double 3/8" Tube Clamp	
23	3009272	2	Hose Clamp	See 36.1
24	4366618	2	M6-1 x 35 mm Hex Flange Screw	
25	450452	2	M6-1 Hex Flange Nut	
26	452388	2	M8-1.25 x 20 mm Hex Flange Screw	
27	450453	2	M8-1.25 Hex Flange Nut	

> Change from previous revision

27.1 Steering Hydraulics

Serial No. All

5 Gang Mower with Reversing Fan Option

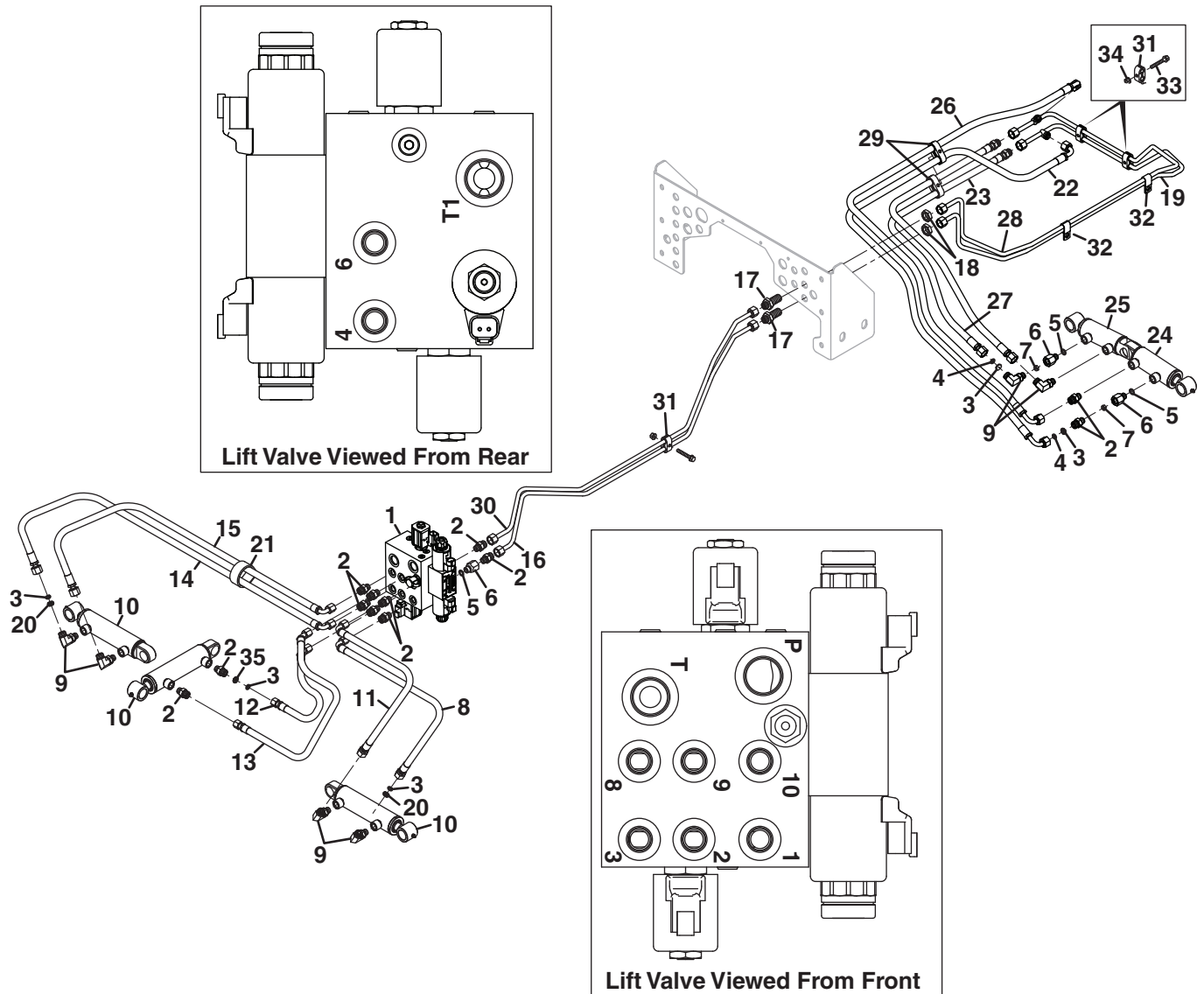


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	669441	1	Gear Pump	Priority Valve Port C
2	339989	1	-10 ORFS x -10 ORB Straight Fitting	
	339911	1	• -10 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
3	4355773	1	Pump to Priority Valve Hose	
4	339990	1	-10 ORFS x -12 ORB Straight Fitting	
	339911	1	• -10 ORFS O-Ring	
	339900	1	• -12 ORB O-Ring	
5	4380408	1	Priority Valve	
6	340064	1	-6 ORFS x -12 ORB 90° Fitting	
	339909	1	• -6 ORFS O-Ring	Steering Port P, Priority Port A
	339900	1	• -12 ORB O-Ring	
7	4381190	1	Priority Valve to Steering Valve Tube	
8	4395252	1	Steering Valve	
	4197940	1	• Seal Kit	Steering Port E, Lift Valve Port P
	339909	5	• -6 ORFS O-Ring	
9	4374427	1	Steering Valve To Lift Valve Tube	
10	339981	2	-6 ORFS x -10 ORB Straight Fitting	
	339909	1	• -6 ORFS O-Ring	Steering Valve Port R
	339899	1	• -10 ORB O-Ring	
11	698850	1	Lift Valve	
12	4355764	1	Right Front Steering Tube	
13	340239	2	-6 ORFS Union Bulkhead Fitting	Steering Cylinder Rod Port
	339909	2	• -6 ORFS O-Ring	
14	339961	2	-6 ORFS (11/16-16) Bulkhead Nut	
15	4362222	1	Right Rear Steering Tube	
16	4365827	1	Right Pressure Steering Hose	Steering Cylinder Base Port
17	4271774	1	Steering Cylinder	
	4276851	1	• Seal Kit	
18	4365791	1	Left Steering Hose	
19	4362223	1	Left Rear Steering Tube	Steering Valve Port L Steering and Lift Valve Port T
20	4355763	1	Left Front Steering Tube	
21	4356986	1	Steering Valve Return Tube	
22	364221	2	Double 3/8" Tube Clamp	
23	3009272	2	Hose Clamp	See 36.1
24	4366618	2	M6-1 x 35 mm Hex Flange Screw	
25	450452	2	M6-1 Hex Flange Nut	

> Change from previous revision

28.1 Lift Hydraulics

Serial No. All



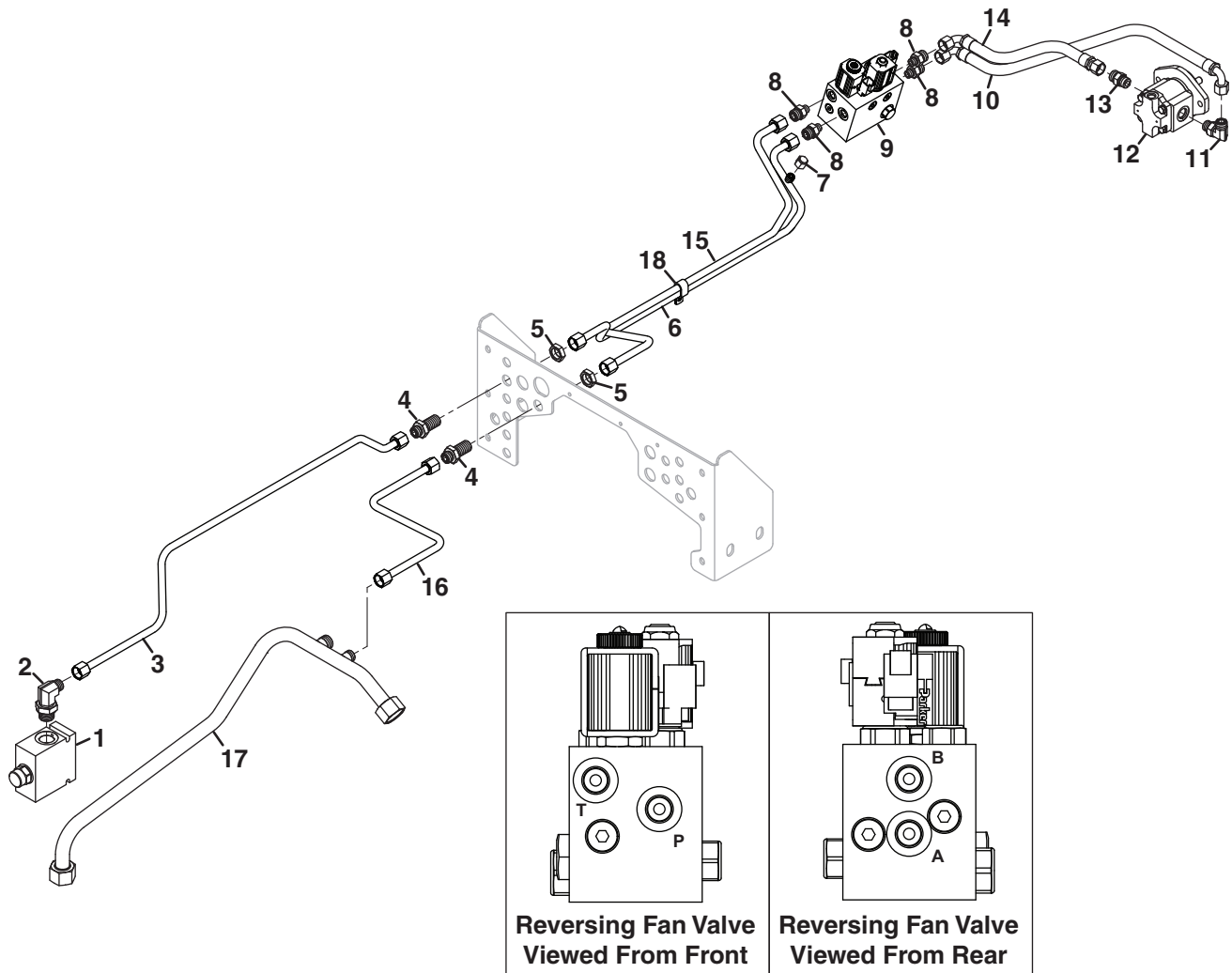
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	698850	1	Lift Valve	
2	339979	12	-6 ORFS x -6 ORB Straight Fitting	
	339909	1	• -6 ORFS O-Ring	
	339897	1	• -6 ORB O-Ring	
3	690096	2	0.0465" Orifice Disk	
4	339909	5	-6 ORFS O-Ring	
5	339897	3	-6 ORB O-Ring	
6	337317	3	One-Way Orifice Fitting	
7	353190	2	0.026" One-Way Orifice Plate	
8	4371206	1	Lift Valve To Left Cylinder Hose	
9	340061	6	-6 ORFS x -6 ORB 90° Fitting	Lift Valve Port 1
10	4361346	3	Front Lift Cylinder	
11	4356912	1	Left Cylinder to Lift Valve Hose	
12	4371046	1	Lift Valve to Center Cylinder Hose	Lift Valve Port 10
13	4371046	1	Center Cylinder to Lift Valve Hose	Lift Valve Port 2
14	4371206	1	Lift Valve To Right Cylinder Hose	Lift Valve Port 9
15	4371206	1	Right Cylinder to Lift Valve Hose	Lift Valve Port 3
16	4362236	1	Lift Valve to Bulkhead Tube	Lift Valve Port 8
17	340239	2	-6 ORFS Union Bulkhead Fitting	Lift Valve Port 4
	339909	2	• -6 ORFS O-Ring	
18	339961	2	-6 ORFS (11/16-16) Bulkhead Nut	
19	4362235	1	Lift Pressure Bulkhead Tube	
	339909	1	• -6 ORFS O-Ring	
20	3008392	2	0.052" Orifice Disk	
21	364190	1	Hose Clamp	
22	4365848	1	Right Rear Lift Pressure Hose	See 5.1
23	4365829	1	Left Rear Lift Pressure Hose	
	339909	1	• -6 ORFS O-Ring	
24	4361347	1	Left Rear Lift Cylinder	
25	4361348	1	Right Rear Lift Cylinder	
26	4365848	1	Right Rear Lower Pressure Hose	
27	4365829	1	Left Rear Lower Pressure Hose	
	339909	1	• -6 ORFS O-Ring	
28	4362232	1	Rear Lower Pressure Tube	
	339909	1	• -6 ORFS O-Ring	
29	3003110	2	Double 5/8" Tube Clamp	
30	4362231	1	Bulkhead To Lift Valve Tube	See 36.1
31	364221	3	Double 3/8" Tube Clamp	Lift Valve Port 6
32	3009272	2	Hose Clamp	
33	4366618	3	M6-1 x 35 mm Hex Flange Screw	
34	450452	3	M6-1 Hex Flange Nut	
35	4287314	1	0.070" Orifice Disk	

> Change from previous revision

29.1 Reversing Fan Hydraulics

Serial No. All

Reversing Fan Option



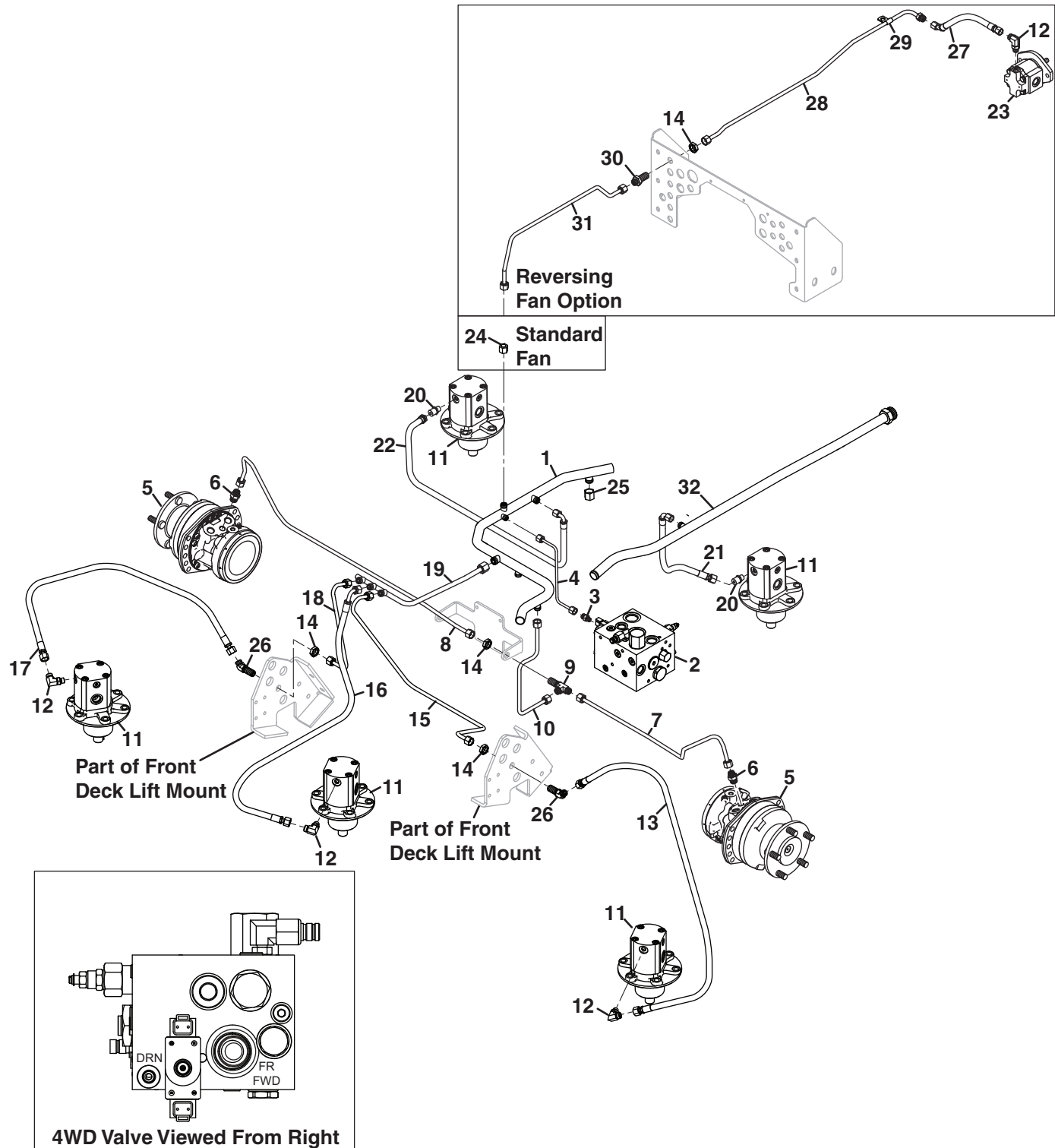
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4380408	1	Priority Valve	Priority Valve Port B
2	340068	1	-8 ORFS x -12 ORB 90° Fitting	
	339910	1	• -8 ORFS O-Ring	
	339900	1	• -12 ORB O-Ring	
3	676445	1	Priority Valve To Bulkhead Tube	
4	340240	2	-8 ORFS Union Bulkhead Fitting	Reversing Fan Valve Port P
	339910	2	• -8 ORFS O-Ring	
5	339962	2	-8 ORFS (13/16-16) Bulkhead Nut	
6	676441	1	Bulkhead to Fan Valve Tube	
	339908	1	• -4 ORFS O-Ring	
7	339920	1	-4 ORFS Cap	Reversing Fan Valve Port A
8	339983	4	-8 ORFS x -6 ORB Straight Fitting	
	339910	1	• -8 ORFS O-Ring	
	339897	1	• -6 ORB O-Ring	
9	691524	1	Reversing Fan Valve	
10	691023	1	Fan Valve to Motor Hose	Reversing Fan Valve Port B
11	340066	1	-8 ORFS x -8 ORB 90° Fitting	
	339910	1	• -8 ORFS O-Ring	
	339898	1	• -8 ORB O-Ring	
12	4335527	1	Fan Motor	
13	339984	1	-8 ORFS x -8 ORB Straight Fitting	Reversing Fan Port T
	339910	1	• -8 ORFS O-Ring	
	339898	1	• -8 ORB O-Ring	
14	691024	1	Motor to Fan Valve Hose	
15	678112	1	Fan Valve to Bulkhead Tube	
16	678113	1	Bulkhead to Deck Valve Return Tube	See 36.1
17	4380821	1	Deck Valve Return Tube	
18	3007558	1	Hose Clamp	

> Change from previous revision

30.1 Return Hydraulics

5 Gang Mower

Serial No. All



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4380486	1	Return Tube	4WD Valve Port DRN
	339908	1	• -4 ORFS O-Ring	
	339909	4	• -6 ORFS O-Ring	
	339910	2	• -8 ORFS O-Ring	
	339913	1	• -16 ORFS O-Ring	
2	4420191	1	4WD Valve	
3	339972	1	-4 ORFS x -4 ORB Straight Fitting	
	339908	1	• -4 ORFS O-Ring	
	339896	1	• -4 ORB O-Ring	
4	4380290	1	4WD Return Tube	
5	691692	2	Front Wheel Motor	Qty 4 for Reversing Fan Option
6	339980	2	-6 ORFS x -8 ORB Straight Fitting	
	339909	1	• -6 ORFS O-Ring	
	339898	1	• -8 ORB O-Ring	
7	4380269	1	Left Motor Drain Tube	
8	4380249	1	Right Motor Drain Tube	
9	340215	1	-6 ORFS Bulkhead Tee	
	339909	3	• -6 ORFS O-Ring	
10	4377391	1	Front Motor Drain Tube	
11	4256390	5	Deck Motor	Qty 4 for Reversing Fan Option
12	340061	3/4	-6 ORFS x -6 ORB 90° Fitting	
	339909	1	• -6 ORFS O-Ring	
	339897	1	• -6 ORB O-Ring	
13	4380809	1	Left Deck Motor Drain Hose	
14	339961	3/4	-6 ORFS (11/16-16) Bulkhead Nut	
15	4399071		Left Deck Motor Drain Tube	
16	4380808	1	Center Deck Motor Drain Hose	
17	4380809	1	Right Deck Motor Drain Hose	
18	4399072	1	Right Deck Motor Drain Tube	
19	4380822	1	Front Deck Motor Drain Tube	Reversing Fan Option Only
	339909	3	• -6 ORFS O-Ring	
20	339979	4	-6 ORFS x -6 ORB Straight Fitting	
	339909	1	• -6 ORFS O-Ring	
	339897	1	• -6 ORB O-Ring	
21	4380811	1	Left Rear Deck Motor Drain Hose	
22	4380810	1	Right Rear Deck Motor Drain Hose	
23	4335527	1	Reversing Fan Motor	
	4354683	1	• Seal Kit	
24	339921	1	-6 ORFS Cap	Standard Fan Only
25	339922	1	-8 ORFS Cap	
26	340191	2	-6 ORFS 45° Union Bulkhead Fitting	Reversing Fan Option Only
	339909	2	• -6 ORFS O-Ring	
27	691032	1	Fan Motor Drain Hose	

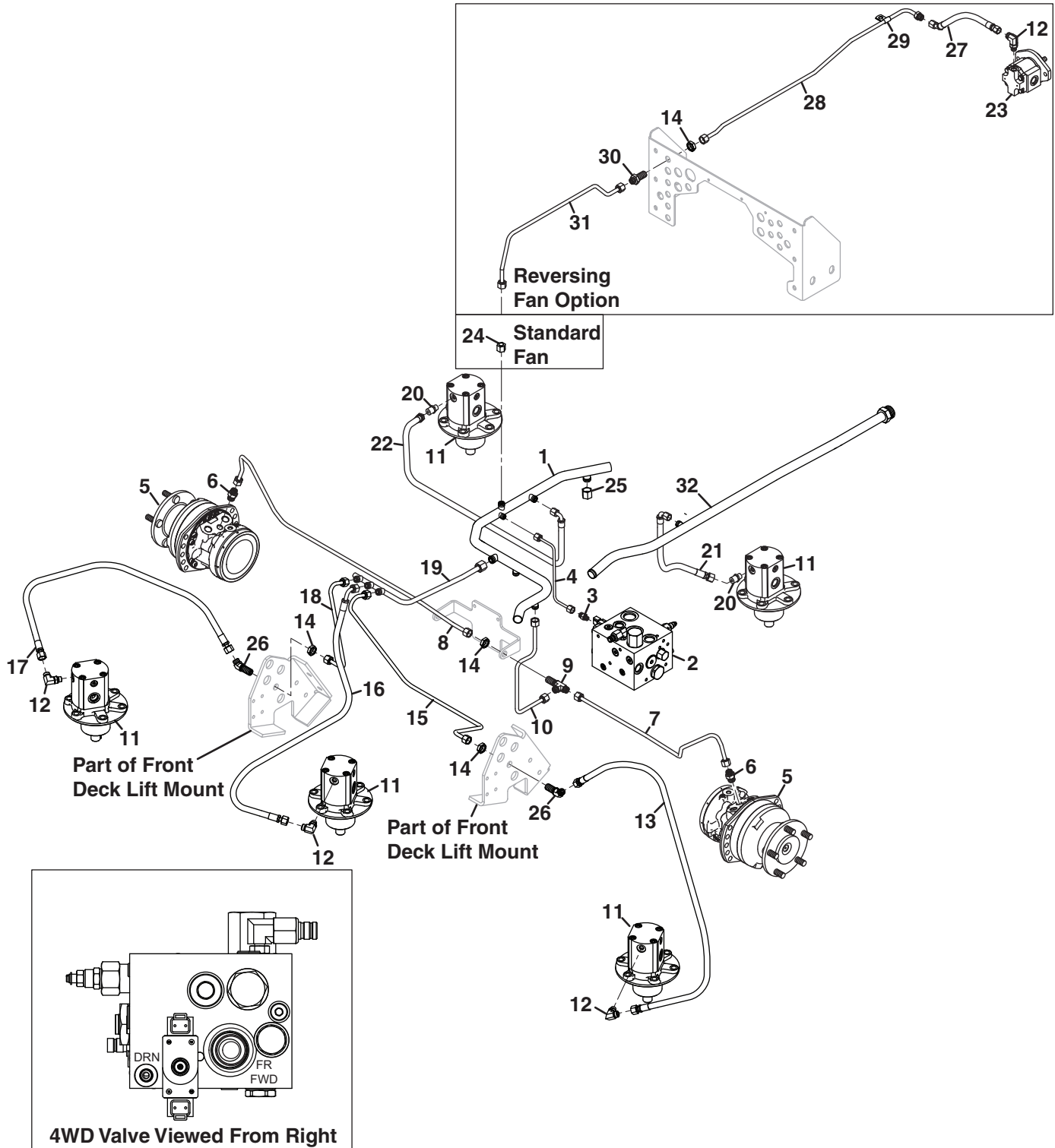
Parts List Continued On the Next Page

> Change from previous revision

AR SERIES MOWER

30.1 Return Hydraulics (Cont)

5 Gang Mower



AR SERIES MOWER

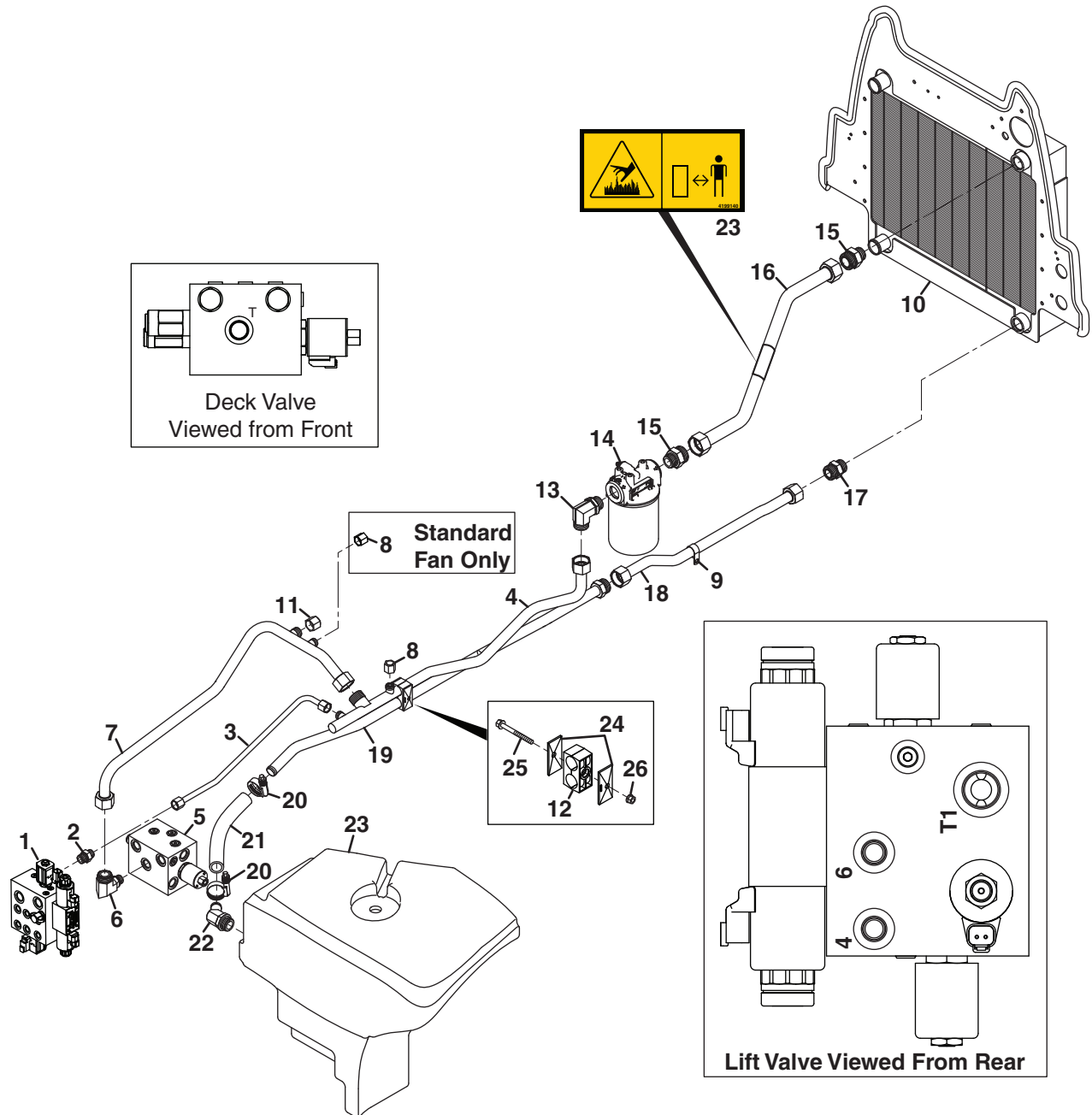
Item	Part No.	Qty.	Description	Serial Numbers/Notes
28	691302	1	Rear Fan Motor Drain Tube	Reversing Fan Option Only
	339909	1	• -6 ORFS O-Ring	Reversing Fan Option Only
29	367028	1	3/8" Tube Clamp	Reversing Fan Option Only
30	340239	2	-6 ORFS Union Bulkhead Fitting	Reversing Fan Option Only
	339909	2	• -6 ORFS O-Ring	Reversing Fan Option Only
31	676444	1	Front Fan Motor Drain Tube	Reversing Fan Option Only
32	4362228	1	Return Tube to Tank Tube	See 31.1
	339913	1	• -16 ORFS O-Ring	
	339909	1	• -6 ORFS O-Ring	

> Change from previous revision

31.1 Oil Cooler Hydraulics

Serial No. All

Standard Fan



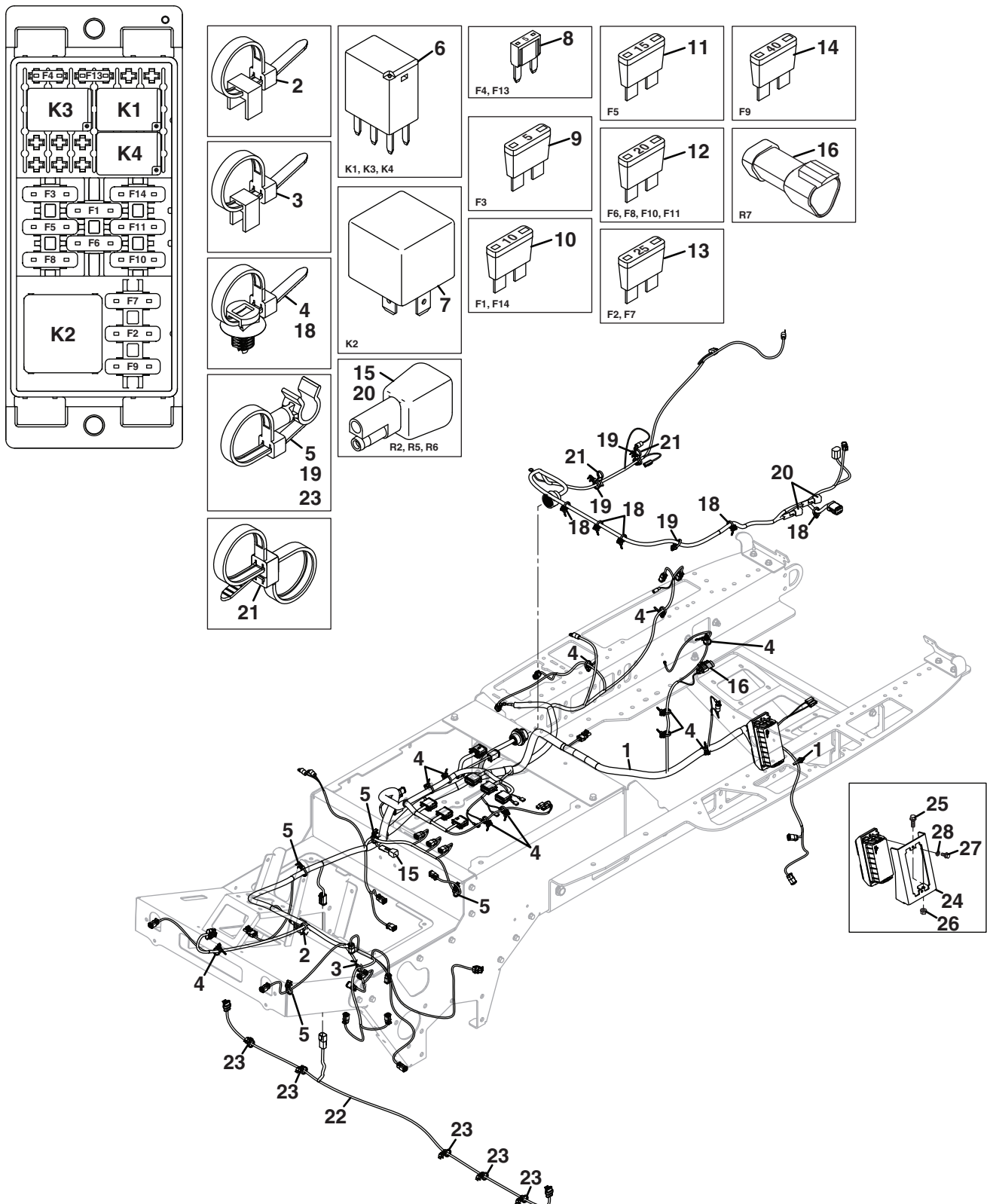
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	698850	1	Lift Valve	See 41.1
2	339985	1	-8 ORFS x -10 ORB Straight Fitting	
	339910	1	• -8 ORFS O-Ring	Lift Valve Port T1
	339899	1	• -10 ORB O-Ring	
3	4362230	1	Lift Valve Return Tube	
4	4362226	1	Collector Tube	
5	4217900	1	Deck Valve	
6	340093	1	-16 ORFS x -10 ORB 90° Fitting	
	339913	1	• -16 ORFS O-Ring	
	339899	1	• -10 ORB O-Ring	
7	4380821	1	Deck Valve Return Tube	
	339910	1	• -8 ORFS O-Ring	
	339911	1	• -10 ORFS O-Ring	
8	339922	2	-8 ORFS Cap	See 36.1
9	400366	1	1" Tube Clamp	
10	REF	1	Radiator/Oil Cooler Assembly	See 11.1
11	339923	1	-10 ORFS Cap	
12	4394257	1	Double 1" Tube Clamp	
13	340077	1	-16 ORFS x -16 ORB 90° Fitting	
	339913	1	• -16 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
14	681461	1	Return Oil Filter	
	555771	1	• Filter Element	
15	340015	2	-20 ORFS x -16 ORB Straight Fitting	
	339914	1	• -20 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
16	4399550	1	Filter to Oil Cooler Tube	
17	339999	1	-16 ORFS x -16 ORB Straight Fitting	
	339913	1	• -16 ORFS O-Ring	
	339901	1	• -16 ORB O-Ring	
18	4362227	1	Oil Cooler Return Tube	
19	4362228	1	Return Tube to Tank Tube	
	339913	1	• -16 ORFS O-Ring	
	339909	1	• -6 ORFS O-Ring	
20	3008673	2	Constant Torque Hose Clamp	
21	685524G002	1	Return Hose	
22	4382341	1	1" Hose x -16 ORB 45° Fitting	
	339901	1	• -16 ORB O-Ring	
23	4366696	1	Hydraulic Tank	
24	4394259	2	Clamp Cover Plate	
25	452393	1	M8-1.25 x 60 mm Hex Flange Screw	
26	450453	1	M8-1.25 Hex Flange Nut	
27	4199140	1	Heat Warning Label	

> Change from previous revision

32.1 Electrical Harnesses

Serial No. All

Tier 4 Interim Engine Option



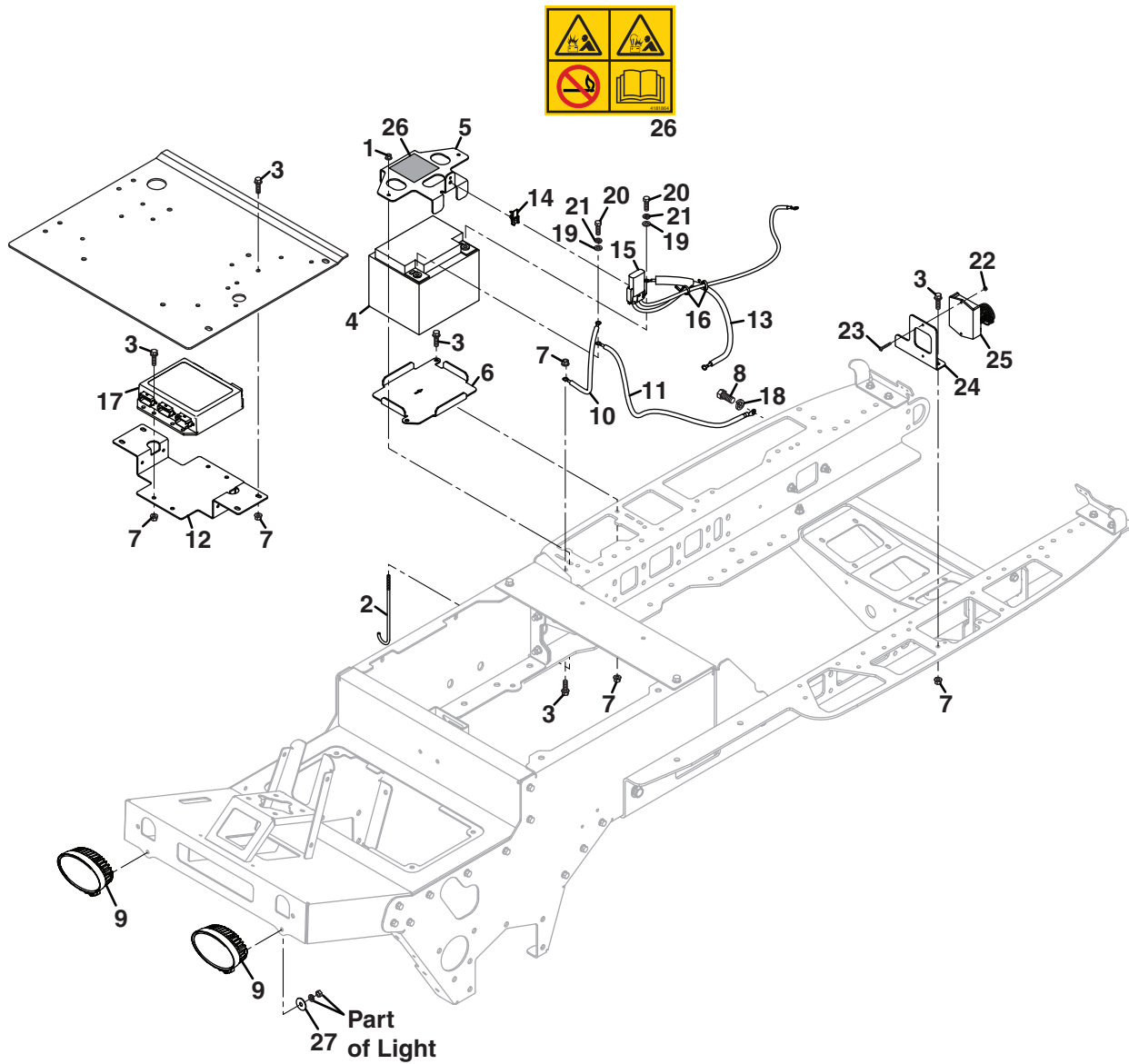
Item	Part No.	Qty.	Description	Serial Numbers/Notes
● 1	4375026	1	AR Main Harness	REFERENCE K1, K3, K4, See 56.1 REFERENCE K2, See 56.1 REFERENCE F4, F13, See 56.1 REFERENCE F3, See 56.1 REFERENCE F1, F14, See 56.1 REFERENCE F5, See 56.1 REFERENCE F6, F8, F10, F11, See 56.1 REFERENCE F2, F7, See 56.1 REFERENCE F9, See 56.1 REFERENCE R3, See 56.1 REFERENCE R7, See 56.1 REFERENCE R5, R6, See 56.1 Stainless Steel
2	4316368	1	• Cable Tie, 1/8 to 1/4" Edge Clip	
3	4316369	1	• Cable Tie, 1/32 to 1/8" Edge Clip	
4	4167640	12	• Cable Tie, Fir Tree	
5	4323221	4	• 8-9 mm Tube Clip Cable Tie	
6	4312212	3	• Micro Relay with Diode	
7	4193880	1	• 40 A Relay with Diode	
● 8	4312215	2	• 5 Amp Mini Fuse	
9	5003278	1	• 5 Amp ATO Fuse (Tan)	
10	5003280	2	• 10 Amp ATO Fuse (Red)	
11	5003281	1	• 15 Amp ATO Fuse (L. Blue)	
12	5003282	4	• 20 Amp ATO Fuse (Yellow)	
13	5003283	2	• 25 Amp ATO Fuse (White)	
14	5003286	1	• 40 Amp ATO Fuse (Orange)	
15	4379886	1	• Resistor, 2.5 kΩ, 1W	
16	4129718	1	• 120Ω CAN Terminating Connector	
17	4375028	1	T4I Engine Harness	
18	4167640	5	• Cable Tie, Fir Tree	
19	4323221	3	• 8-9 mm Tube Clip Cable Tie	
20	4379886	1	• Resistor, 2.5 kΩ, 1W	
21	679070	2	• 193 mm Double Head Cable Tie	
22	4375029	1	Wheel Motor Sensor Harness	
23	4323221	5	• 8-9 mm Tube Clip Cable Tie	
24	4375126	1	Sealed Fuse Box Bracket	
25	450471	2	M8-1.25 x 20 mm Hex Flange Screw	
26	450453J	2	M8-1.25 Hex Flange Nut	
27	606265	2	M6-1 x 12 mm Hex Flange Screw	
28	601327	2	M6 Lock Washer	
●	Replacement harness is shipped with the main relay select fuse in the F12 position. For proper operation of this mower with a Tier 4 Interim engine installed, the fuse must be removed from the F12 position and moved to the F13 position. Do not operate this mower with a fuse installed in the F12 position.			

> Change from previous revision

33.1 Electrical Components

Serial No. All

Tier 4 Interim Engine Option

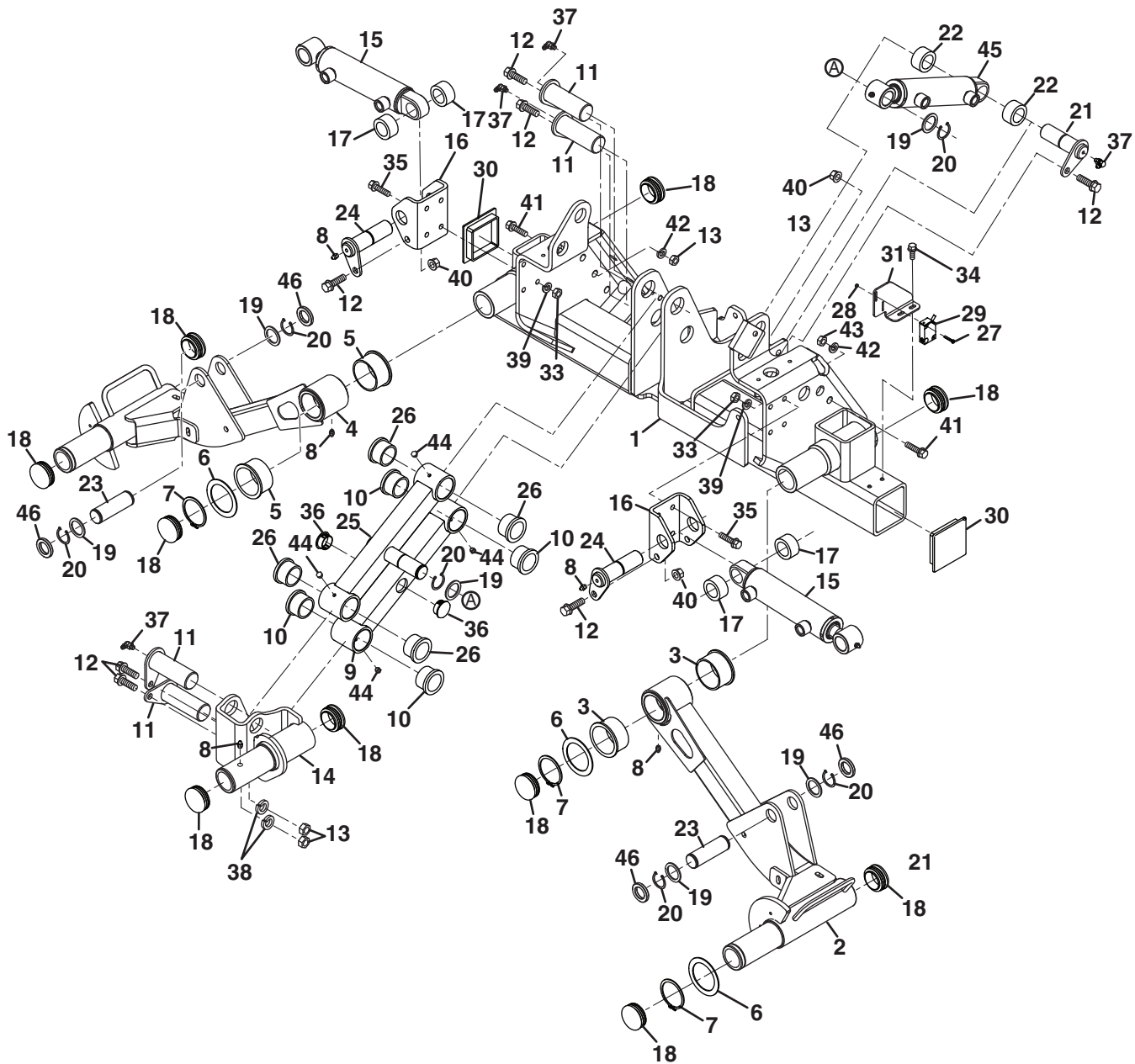


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	450452	2	M6-1 Hex Flange Nut	REFERENCE L1, L2, See 56.1 Battery to Chassis Ground Battery to Engine Block
2	4168640	2	M6-1 x 20 mm J Bolt	
3	450471	14	M8-1.25 x 20 mm Hex Flange Screw	
4	N/S	1	12V AGM Battery	
5	4391092	1	Battery Hold Down	
6	4361966	1	Battery Tray	
7	450453J	14	M8-1.25 Hex Flange Nut	
8	365979	1	M12-1.25 x 25 mm Hex Head Screw	
9	695750	2	LED Work Light	
10	4138648	1	Negative Battery Cable	
11	4271132	1	Engine Ground Cable	REFERENCE F15, See 56.1
12	4378046	1	Bracket, MCU	
13	4380314	1	Positive Battery Cable	
	686228	1	• 60 Amp Maxi Fuse	
14	4314186	1	• Connector Clip	
15	4314667	1	• Maxi Fuse Connector with Cap	REFERENCE, See 56.1
16		2	• Cable Tie	
17	4381906	1	MCU	
18	450424	1	M12 Lock Washer	
19	450390	2	M8 x 17 x 1.8 Flat Washer	
20	450191	2	M8-1.25 x 20 mm Hex Head Screw	REFERENCE U18, See 56.1
21	450411	2	M8 Lock Washer	
22	452717	2	M4-0.7 Hex Nyloc Nut	
23	450519	2	M4-0.7 x 16 mm Pan Head Screw	
24	4420661	1	Throttle Controller Mount Bracket	
25	4399320	1	Throttle Controller	
26	4181864	1	Battery Warning Label	
27	3006233	2	Isolator Washer	

> Change from previous revision

34.1 Front Deck Lift Assembly

Serial No. All

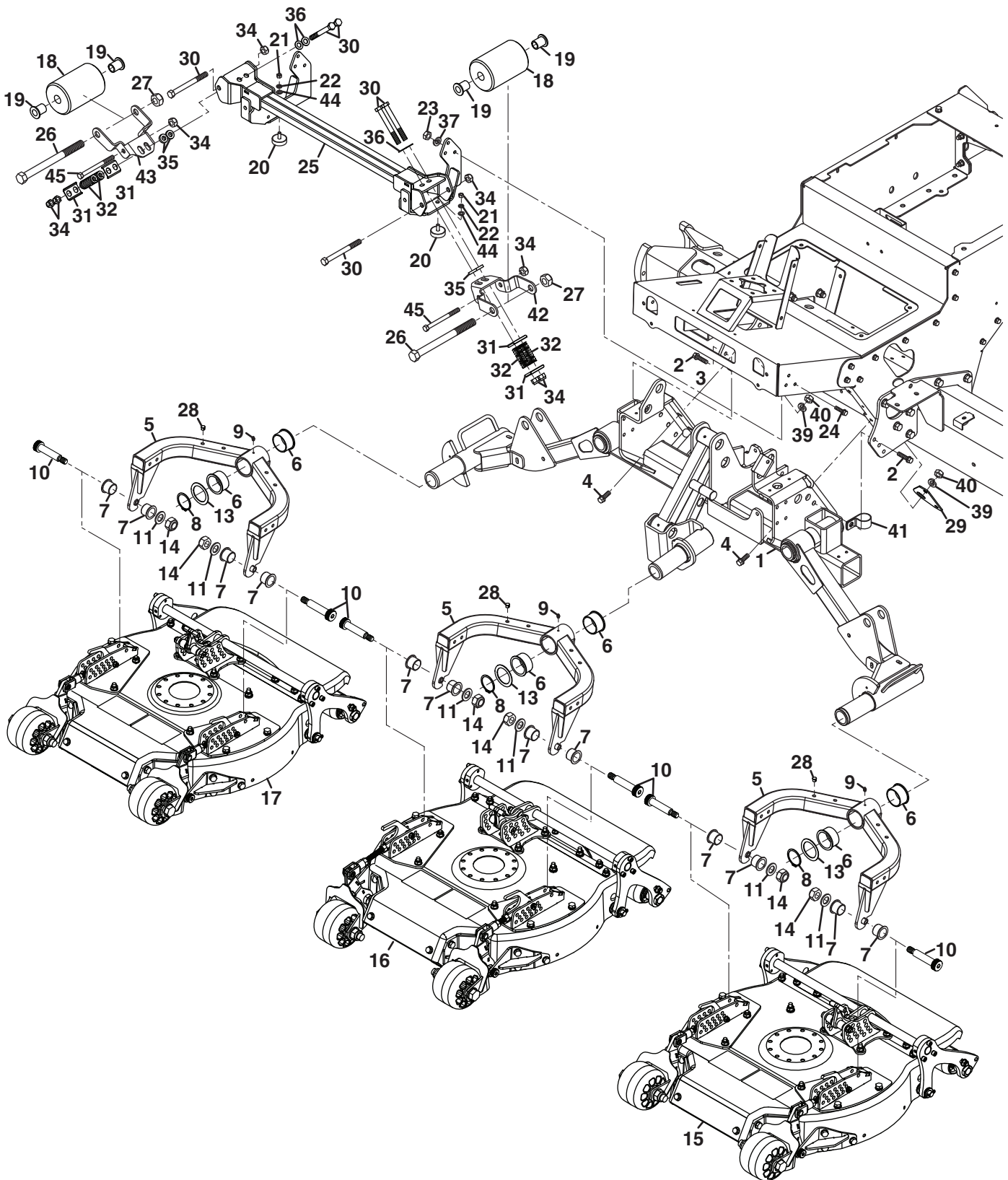


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10014880	1	Front Deck Lift Mount	REFERENCE SW3, See 56.1
2	10023712G01	1	Left Front Deck Lift Arm	
3	681078	2	• 2" I.D. Flanged Bushing	
4	10023712G02	1	Right Front Deck Lift Arm	
5	681078	2	• 2" I.D. Flanged Bushing	
6	682265	2	50.8 x 69.8 x 1.47 Flat Washer	
7	458004	5	2" External Retaining Ring	
8	471214	4	1/4-28 Straight Grease Fitting	
9	10014897	1	Lower Center Lift Arm	
10	363539	4	• 1-1/4" I.D. Flanged Bushing	
11	10010638	4	Lift Arm Pin	
12	450480	7	M10-1.5 x 30 mm Hex Flange Screw	
13	450325	8	M10-1.5 Hex Flange Nut	
14	10014932	1	Center Lift Arm Pivot	
15	4361346	2	Front Lift Cylinder	
16	10023700	2	Cylinder Bracket	
17	680538	4	Cylinder Spacer	
18	630762	10	1-3/4" Tube Plug	
19	303629	6	1 x 1-3/8 x 3/32" Flat Washer	
20	452050	6	1" External Retaining Ring	
21	10024697	1	Center Cylinder Pin	
22	10024694	2	Front Cylinder Spacer	
23	4362332	2	Cylinder Slide Pin	
24	669573	2	Center Cylinder Pin	
25	10014892	1	Upper Center Lift Arm	
26	363539	4	• 1-1/4" I.D. Flanged Bushing	
27	613149	2	#4-40 x 3/4" Machine Screw	
28	444302	2	#4-40 Hex Nut	
29	4125831	1	Proximity Switch	
30	10024777	2	80 x 80 Tube Plug	
31	10023719	1	Switch Bracket	
32	450452	2	M6-1 Hex Flange Nut	
33	450324	8	Nut, M8-1.25 Hex	
34	450465	2	M6-1 x 16 mm Hex Flange Screw	
35	450472	8	M8-1.25 x 25 Hex Flange Screw	
36	604087	2	25.4 mm Hole Plug	
37	471221	5	1/4-28 x 90° Grease Fitting	
38	363485	4	Lock Washer, M10	
39	450422	8	Lock Washer, M8	
40	450454	3	M10-1.5 Hex Flange Nut	
41	452411	6	M12-1.75 x 40 mm Hex Flange Screw	
42	450424	6	M12, Lock Washer	
43	450326	6	M12-1.75 Hex Nut	
44	471238	4	Hex Plug, 1/4"-28	
45	10024796	1	Front Lift Cylinder, Center	
46	64163-07	4	Washer, 1.09 x 1.75 x .25	

> Change from previous revision

35.1 Front Deck Connection

Serial No. All

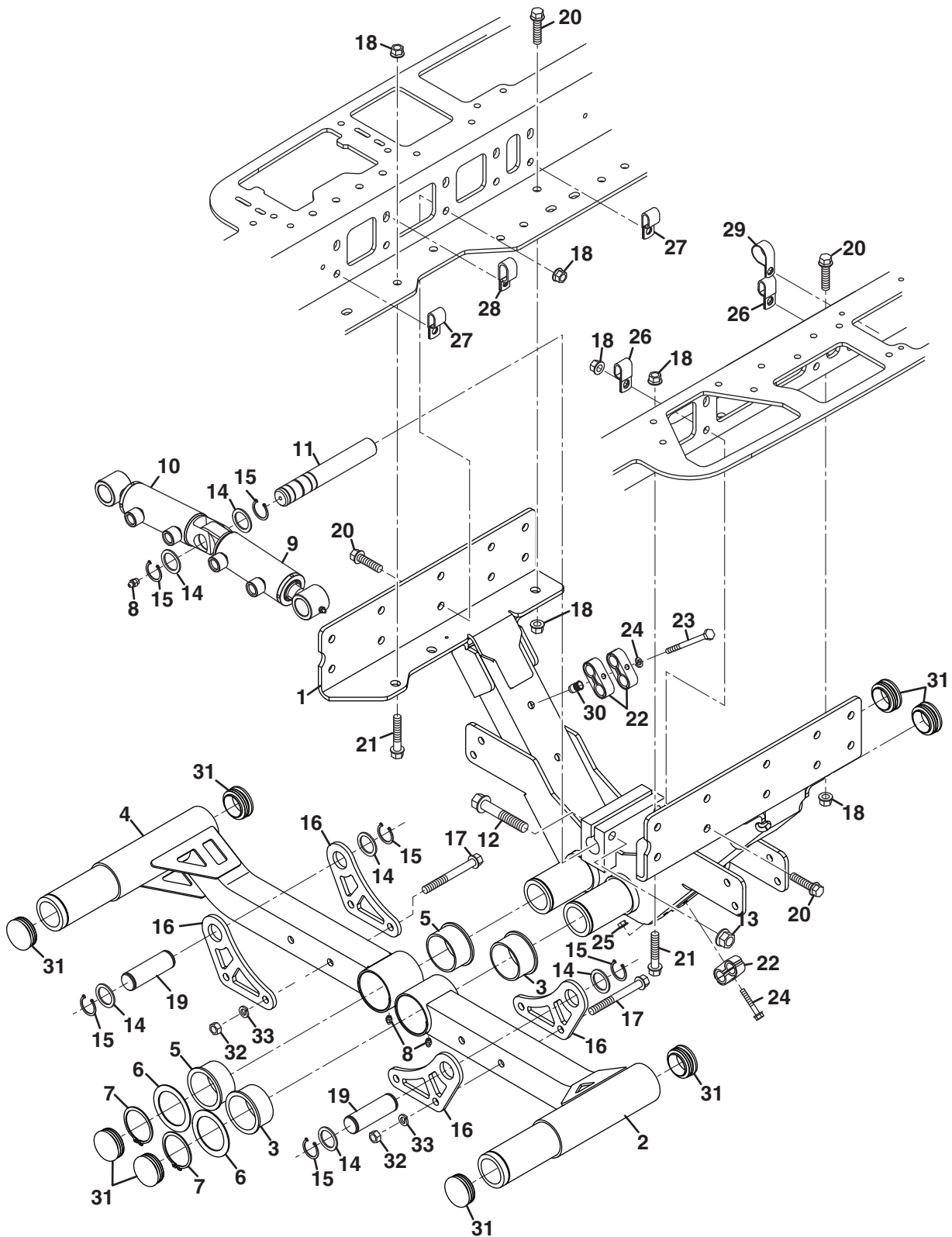


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	REF	1	Front Lift Assembly	See 37.1
2	452411	6	M12-1.75 x 40 mm Hex Flange Screw	
3	450326	6	M12-1.75 Hex Nut	
4	450480	4	M10-1.5 x 30 mm Hex Flange Screw	
5	10023598	3	Deck Pivot	
6	681078	2	• 2" I.D. Flanged Bushing	
7	690363	4	• Flanged Bushing	
8	458004	3	2" External Retaining Ring	
9	471214	3	1/4-28 Straight Grease Fitting	
10	690006	12	M8-1.25 Shoulder Bolt	
11	450390	12	M8 Flat Washer	
12				
13	682265	3	50.8 x 69.8 x 1.47 Flat Washer	
14	450378	12	M8-1.25 Nylock Hex Nut	
15	REF	1	Left Front Deck	
16	REF	1	Center Deck	
17	REF	1	Right Front Deck	
18	163425	2	Roller	
19	552824	2	• Bushing	
20	361723	2	Rubber Stop	
21	443110	2	3/8-16 Hex Nut	
22	446142	2	3/8 Lock Washer	
23	450324	6	M8-1.25 Hex Nut	
24	450472	6	M8-1.25 x 25 Hex Flange Screw	
25	10024093	1	Front Spring Mount	
26	4186861	2	3/4-10 x 8" Hex Head Screw	
27	450190284	2	3/4-10 Hex Nyloc Nut	
28	20271G1	12	Hole Plug	See 25.1
29	687283	1	Bulkhead Plate	
30	400424	4	1/2-13 x 4-1/2" Hex Head Screw	
31	10025737	4	Spring Plate	
32	689737	4	Compression Spring	
33				
34	800602	6	1/2-13 Hex Nylock Nut	
35	690336	4	Plastic Spacer	
36	302405	4	Flat Type B Narrow Washer	
37	450422	6	M8, Lock Washer	
38	450424	6	M12, Lock Washer	
39	363485	4	M10 Lock Washer	
40	450325	4	M10-1.5 Hex Flange Nut	
41	48228-1A	1	Cable Clip	
42	10030417G01	1	LH Spring Bracket	
43	10030417G02	1	RH Spring Bracket	
44	453011	2	3/8 x .831 x .063 Flat Washer	
45	400426	2	1/2-13 x 5" Hex Head Screw	

> Change from previous revision

36.1 Rear Deck Lift Assembly

Serial No. All

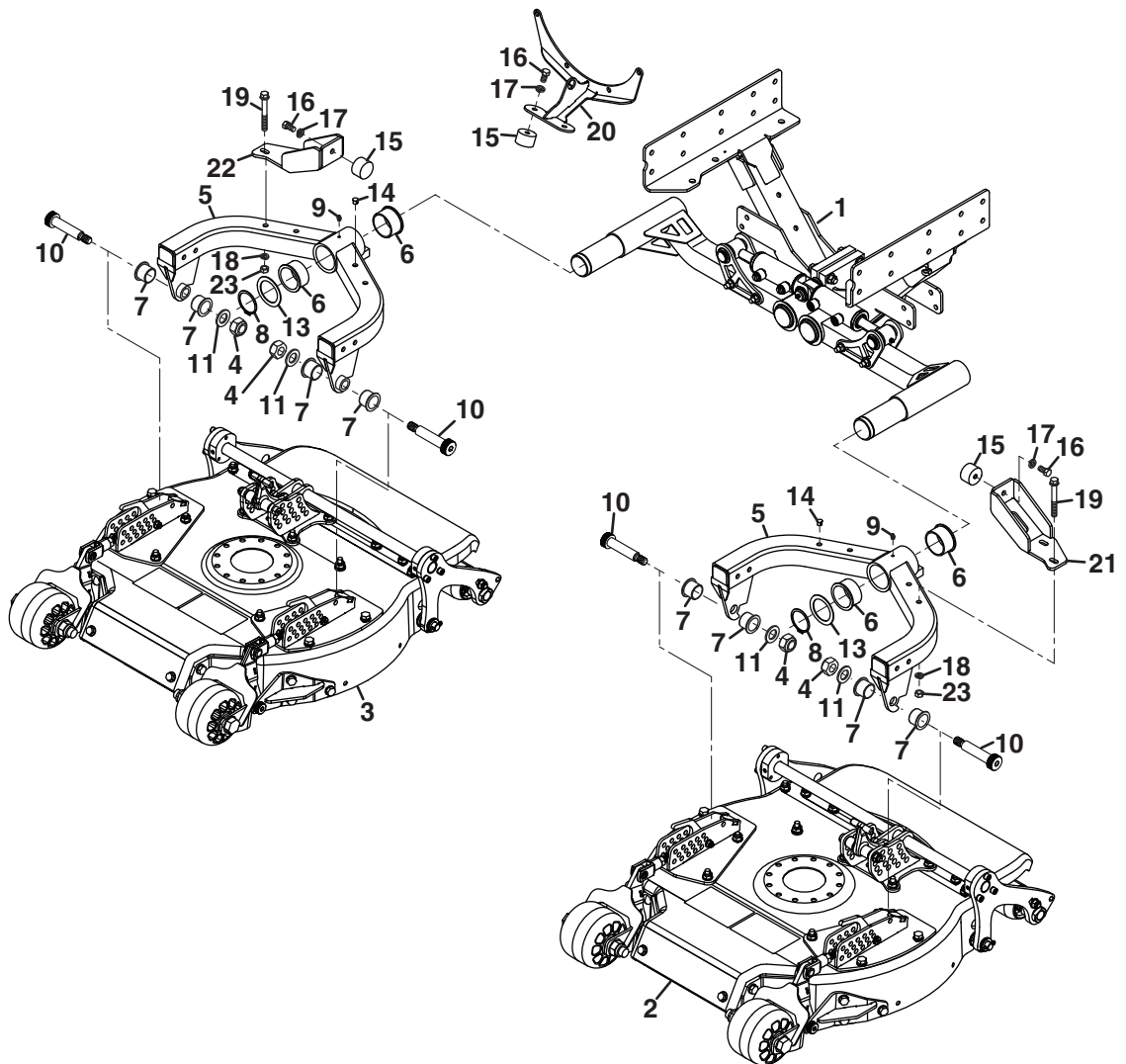


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4375556	1	Rear Deck Lift Mount	Rear Lift Cylinder Hoses Rear Lift Cylinder Tubes Steering Cylinder Tubes Reversing Fan Option Tubes Hydraulic Oil Cooler Tube
2	669960	1	Left Rear Deck Lift Arm	
3	681078	2	• 2" I.D. Flanged Bushing	
4	669959	1	Right Rear Deck Lift Arm	
5	681078	2	• 2" I.D. Flanged Bushing	
6	682265	2	50.8 x 69.8 x 1.47 Flat Washer	
7	458004	2	2" External Retaining Ring	
8	471214	3	1/4-28 Straight Grease Fitting	
9	4361347	1	Left Rear Lift Cylinder	
10	4361348	1	Right Rear Lift Cylinder	
11	4362334	1	Cylinder Mount Pin	
12	452413	2	M12-1.75 x 60 mm Hex Flange Screw	
13	450455	2	M12-1.75 Hex Flange Nut	
14	303629	6	1 x 1-3/8 x 3/32" Flat Washer	
15	452050	6	1" External Retaining Ring	
16	680635	4	Lift Arm Bracket	
17	452405	4	M10-1.5 x 80 mm Hex Flange Screw	
18	450454	26	M10-1.5 Hex Flange Nut	
19	4362332	2	Cylinder Slide Pin	
20	450480	24	M10-1.5 x 30 mm Hex Flange Screw	
21	452401	2	M10-1.5 x 40 mm Hex Flange Screw	
22	3003110	2	Double 5/8" Tube Clamp	
23	450008	1	M6-1 x 65 mm Hex Head Screw	
24	450421	1	M6 Lock Washer	
25	450452	1	M6-1 Hex Flange Nut	
26	3009272	2	Hose Clamp	
27	3009272	2	Hose Clamp	
28	3007558	1	Hose Clamp	
29	400366	1	1" Tube Clamp	
30	450358	1	M6-1 (A-K) Insert Nut	
31	630762	8	1-3/4" Tube Plug	
32	450325	4	M10-1.5 Hex Nut	
33	363485	4	M10 Lock Washer	

> Change from previous revision

37.1 Rear Deck Connection

Serial No. All



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	REF	1	Rear Lift Assembly	See 39.1
2	REF	1	Left Rear Deck	
3	REF	1	Right Rear Deck	
4	450378	8	M8-1.25 Nylock Hex Nut	
5	4377999	2	Deck Pivot	
6	681078	2	• 2" I.D. Flanged Bushing	
7	690363	4	• Flanged Bushing	
8	458004	2	2" External Retaining Ring	
9	471214	2	1/4-28 Straight Grease Fitting	
10	690006	8	M8-1.25 Shoulder Bolt	
11	450390	8	M8 Flat Washer	
12				
13	682265	2	50.8 x 69.8 x 1.47 Flat Washer	
14	20271G1	4	Hole Plug	
15	4245850	4	40 x 25 mm Threaded Bump Stop	
16	450212	4	M10-1.5 x 16 mm Hex Head	
17	450412	4	M10 Lock Washer	
18	450325	4	M10-1.5 Hex Nut	
19	452404	4	M10-1.5 x 70 Hex Flange Screw	
20	675011	1	Belly Stop Bracket	
21	678043	1	Left Side Belly Deck Stop	
22	678285	1	Right Side Belly Deck Stop	
23	363485	4	M10 Lock Washer	

> Change from previous revision

AR SERIES MOWER

38.1 Deck Housing

Left Deck Shown, Right Deck Similar

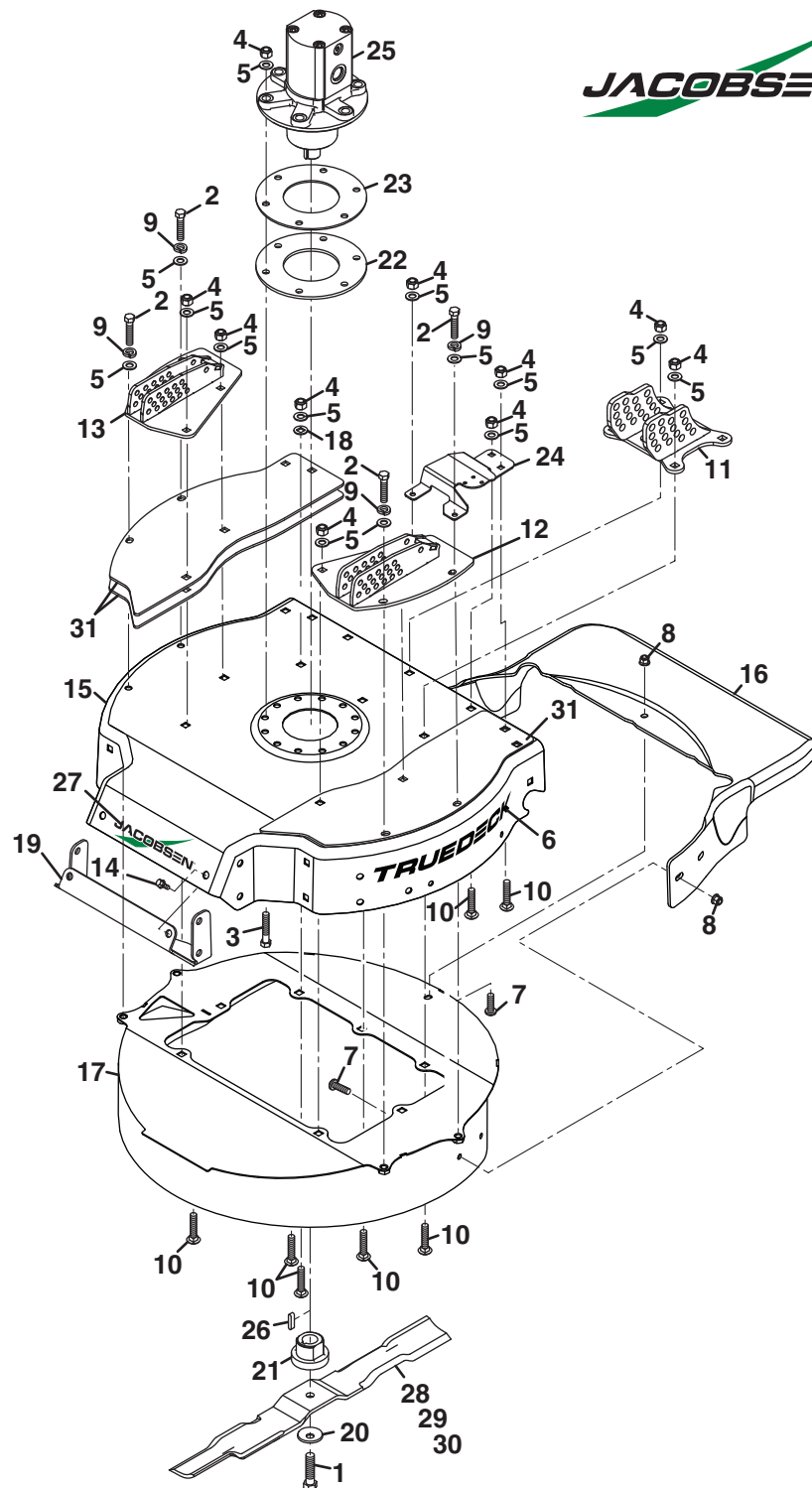
Serial No. All

TRUEDECK

6

JACOBSEN[®]

27



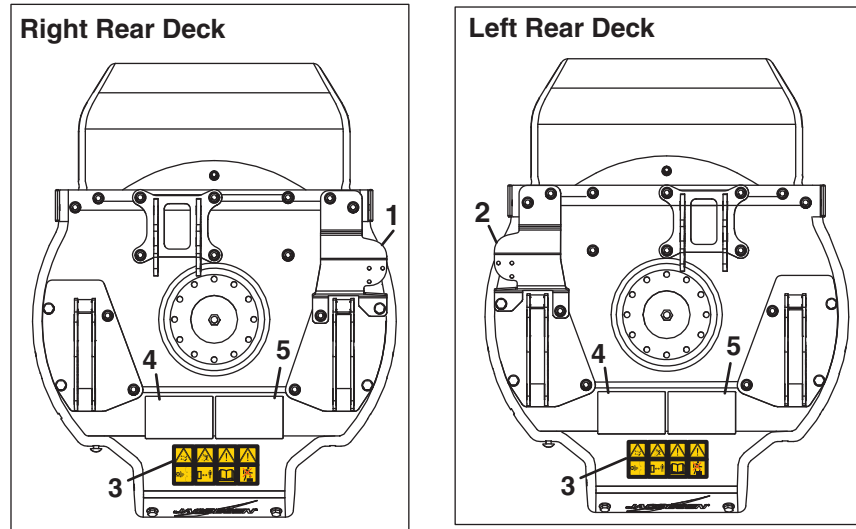
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	400410	1	1/2-13 x 1-3/4" Hex Head Screw	See blade recommendation chart on page 2 See blade recommendation chart on page 2 See blade recommendation chart on page 2 Front Decks Only
2	450216	4	M10-1.5 x 35 mm Hex Head Screw	
3	450031	6	M10-1.5 x 45 mm Hex Head Screw	
4	450379	16	M10-1.5 Nyloc Hex Nut	
5	450391	16	10.5 x 21 x 2 mm Flat Washer	
6	4420514	1	TrueDeck Decal	
7	452388	3	M8-1.25 x 20 mm Hex Flange Screw	
8	452436	3	M8-1.25 Nyloc Hex Flange Nut	
9	450412	4	M10 Lock Washer	
10	452586	10	M10-1.5 x 30 mm Carriage Bolt	
11	669638	1	Rear Roller HOC Bracket	
12	690713G01	1	LH Height Adjust Weldment	
13	690713G02	1	RH Height Adjust Weldment	
14	450477	2	M10-1.5 x 20 mm Hex Flange Screw	
15	10027570	1	Deck Shell	
16	691425	1	Discharge Chute	
17	690378	1	Baffle	
18	674211	2	Carriage Bolt Spacer	
19	690383	1	Skid Plate	
20	3007764	1	1/2" Blade Washer	
21	3008388	1	Blade Adapter	
22	4280110	1	Deck Motor Spacer	
23	4290681	1	Black Deck Motor Spacer	
24	690008G01	1	LH Bumper Stop Bracket	
25	4256390	1	Deck Motor	
26	64164-27	1	• SAE 1/4 x 1/4 x 1" Key	
27	670061	1	Jacobsen Decal	
28	692771	1	23.14" Blade (High Lift)	
29	692774	1	23.14" Blade (Combination)	
30	692775	1	23.14" Blade (Mulch)	
31	10028216	3	Deck Plate	
Quantities listed are for a single deck.				

> Change from previous revision

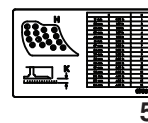
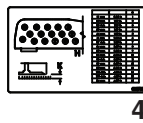
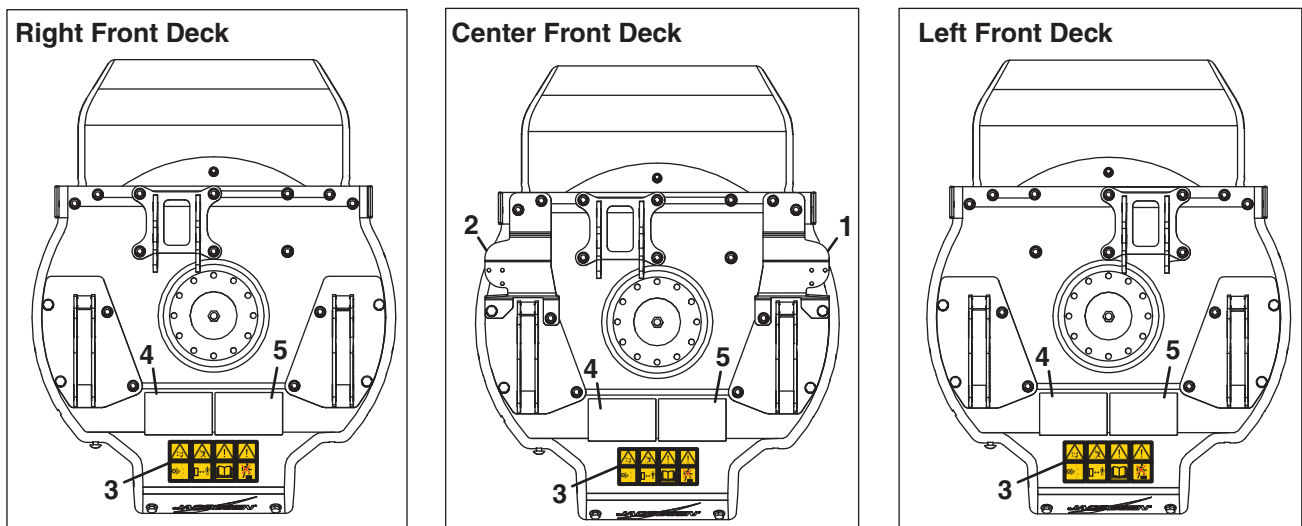
38.1 Deck Housing (Cont)

Serial No. All

REAR DECKS



FRONT DECKS

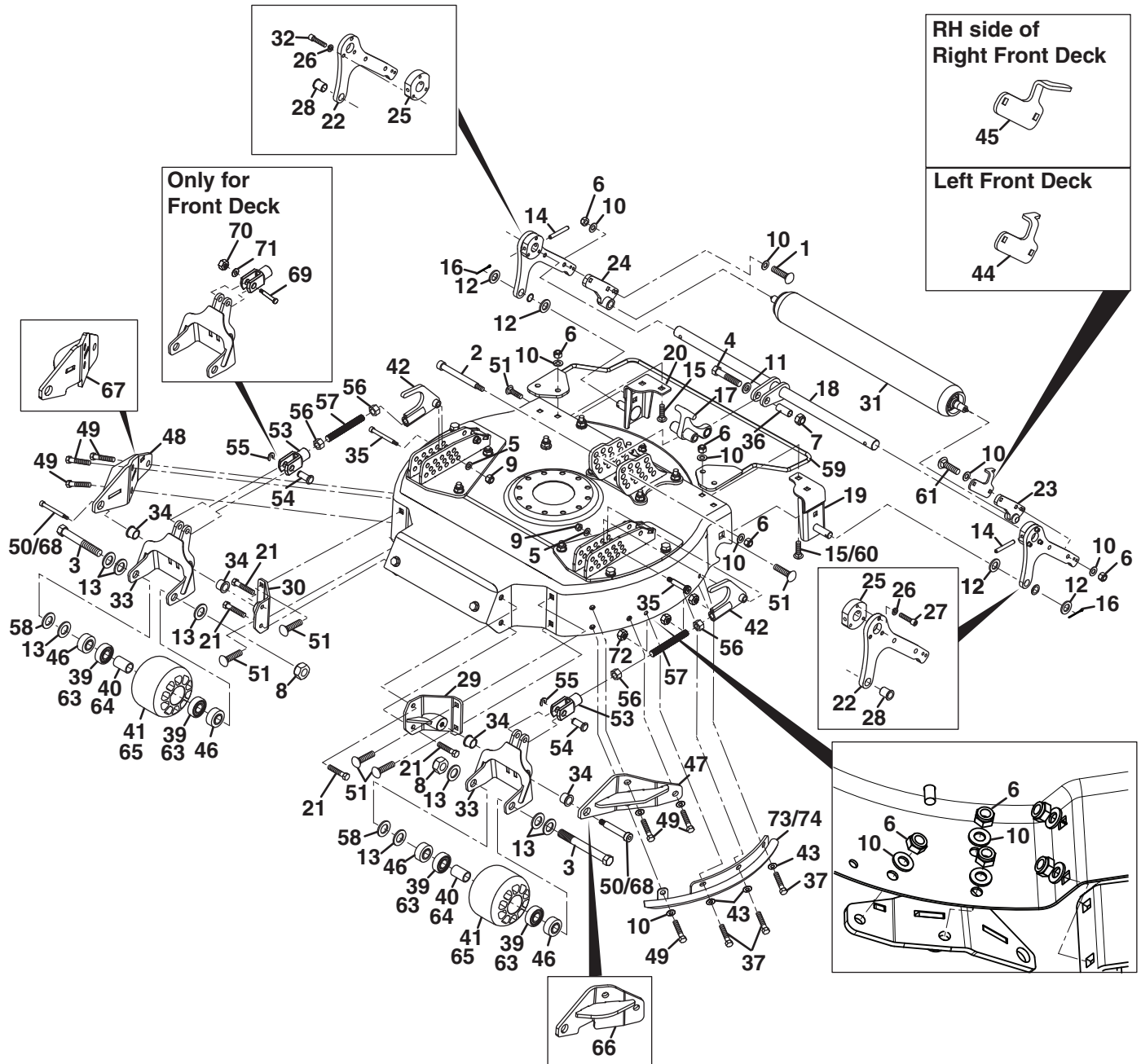


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	690008G01	2	LH Bumper Stop Bracket	
2	690008G02	2	RH Bumper Stop Bracket	
3	4311249	1	Deck Warning Label	
4	692776	1	Right HOC Label	
5	675163	1	Left HOC Label	
Quantities listed are for a single deck.				

> Change from previous revision

39.1 Deck Height Adjustment

Serial No. All

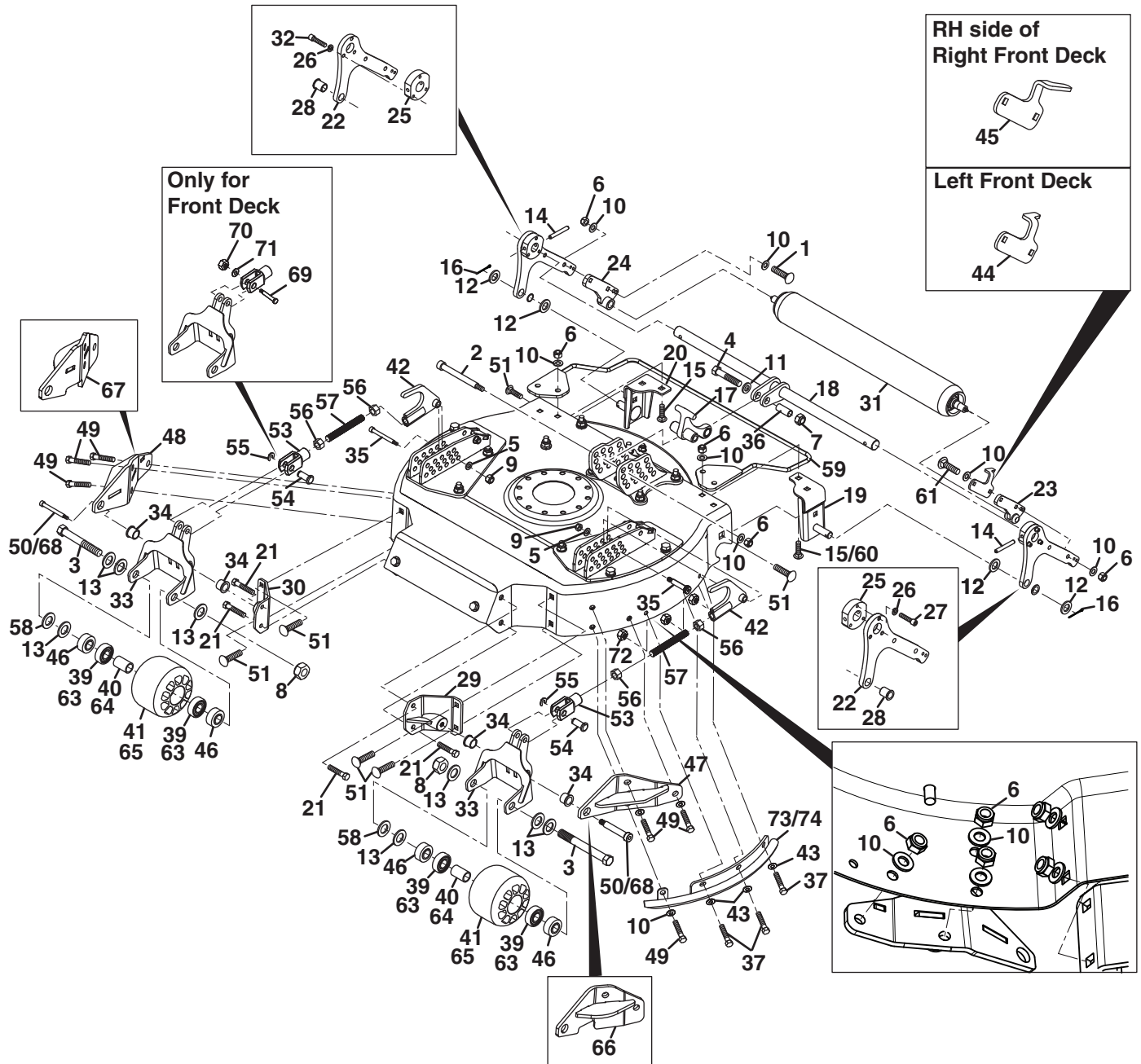


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4287173	2	M10 x 40 mm Carriage Bolt	
2	4386983	1	M10-1.5 x 12 x 90 Shoulder Bolt	
3	450106	2	M20-2.5 x 180 mm Hex Head Screw	
4	450051	1	M12-1.75 x 55 mm Hex Head Screw	
5	450390	2	M8 x 17 x 1.8 Flat Washer	
6	450379	17	M10-1.5 Nyloc Hex Nut	
7	450380	1	M12-1.75 Nyloc Hex Nut	
8	450383	2	M20-2.5 Nyloc Hex Nut	
9	450378	2	M8-1.25 Hex Nyloc Nut	
10	450391	49	10.5 x 21 x 2 mm Flat Washer	
11	450392	1	M12 x 24 x 2.7 mm Flat Washer	
12	450393	6	17 x 30 x 3.3 mm Flat Washer	
13	450394	8	M21 x 37 x 3.3 mm Flat Washer	
14	451500	2	8 x 65 mm Spirol Pin	
15	452586	4	M10-1.5 x 35 mm Carriage Bolt	
16	460050	2	3/16 x 1-1/4" Cotter Pin	
17	669133	1	Rear HOC Link	
18	669534	1	Rear HOC Bar	
19	690843G01	1	LH Rear Deck Pin Bracket	
20	690843G02	1	RH Rear Deck Pin Bracket	
21	450029	4	M10-1.5 x 35 mm Hex Head Screw	
22	10025664	2	Rear Arm Assembly	
23	10025700	1	LH Rear Roller Weldment	
24	10025701	1	RH Rear Roller Weldment	
25	674931	2	Rear Arm Boss	
26	450411	6	M8 Lockwasher	
27	450725	3	M8-1.25 x 30 Hex Socket Screw	
28	676387	2	Bushing	
29	689265G01	1	LH Front Roller Support Weldment	
30	689265G02	1	RH Front Roller Support Weldment	
31	4337263	1	Rear Roller	
32	450724	3	M8-1.25 x 25 Hex Socket Screw	
33	10025681	2	Caster Wheel Bracket Weldment	Includes items 34
34	10025682	2	• Bushing	
35	690006	2	M10-1.25 x 40 Shoulder Bolt	
36	4394613	1	Collar	
37	450192	6	M8-1.25 x 25 Hex Head Screw	
38	4420535	2	Rear Deck Wheel	Includes items 39 - 41
39	4420576	2	• Ball Bearing	Rear Deck Only
40	4420537	1	• Inner Sleeve	Rear Deck Only
41	4420589	1	• Caster Wheel	Rear Deck Only
42	689903	2	Handel Linkage Bracket	
43	UK450400	6	M8 Flat Washer	
44	10025693G01	1	LH Rear Roller Guard Plate	Left Side Deck Only
45	10025693G02	1	RH Rear Roller Guard Plate	Right Side Deck Only

> Change from previous revision

39.1 Deck Height Adjustment (Cont)

Serial No. All



AR SERIES MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
46	4420538	4	Outer Collar	
47	10027408G01	1	LH Front Side Roller Support	
48	10027408G02	1	RH Front Side Roller Support	
49	450215	6	M10 x 30 mm Hex Head Screw	
50	690312	2	M12-1.75 x 16 x 80 Shoulder Bolt	Rear Deck Only
51	452585	6	M10-1.5 x 35 mm Carriage Bolt	
52	695415	2	Yoke End	Includes items 53 - 55
53	695413	1	• Yoke Body	
54	695412	1	• Pin	Rear Deck Only
55	695414	1	• Circlip	Rear Deck Only
56	443120	4	M20 - .5 Hex Nut	
57	694335	2	1/2 - 20 x 4 Threaded Rod	
58	10010201	2	M21 x 37 x 3.3 mm Flat Washer	
59	10001144	1	Foot Probe Gaurd	
60	452587	2	M10-1.5 x 35 mm Carriage Bolt	Rear Decks Only
61	452589	2	M10-1.5 x 45 mm Carriage Bolt	
62	10027343	2	5.0 OD x 5.0 Wide Front Deck Wheel	Includes items 63 - 65
63	4420576	2	• Ball Bearing	Front Deck Only
64	10027344	1	• Inner Sleeve	Front Deck Only
65	10027342	1	• Caster Wheel	Front Deck Only
66	10031437G01	2	LH Front Side Roller Support	Rear Deck Only
67	10031437G02	2	RH Front Side Roller Support	Rear Deck Only
68	10025769	2	M12-1.75 x 16 x 100 Shoulder Bolt	Front Deck Only
69	10029938	2	3/8"-16, Hex Head Shoulder Bolt	Front Deck Only
70	445806	2	3/8"-16 Hex Nyloc Nut	Front Deck Only
71	453011	2	3/8" x .831 x .063 Flat Washer	Front Deck Only
72	452436	6	M8-1.25 Nyloc Hex Flange Nut	
73	10027472G01	1	LH Deck Side Skid Weldment	Front Deck Only
74	10027472G02	1	RH Deck Side Skid Weldment	Front Deck Only

> Change from previous revision

This exploded view diagram illustrates the assembly of a 4/3-way solenoid valve. The central component is the valve body (1), which features four ports: two for solenoid actuation (top and bottom) and two for fluid flow (left and right). The assembly includes two solenoid coils, 14 (SOL2) and 14 (SOL13), which are mounted to the top and bottom of the valve body via mounting pins (2) and O-rings (9). The fluid flow ports are connected to a 4/3-way distribution block (6) through a central stem (11) and a plug (10). The distribution block (6) is secured with a cap screw (11) and is connected to the solenoid coils 14 (SOL25) and 14 (SOL4) via a central stem (7) and a plug (8). The solenoid coils 14 (SOL25) and 14 (SOL4) are also secured with O-rings (5) and (8) respectively. The diagram shows the assembly of the valve body (1) with the solenoid coils (14) and the distribution block (6) with the solenoid coils (14) and the plug (10).

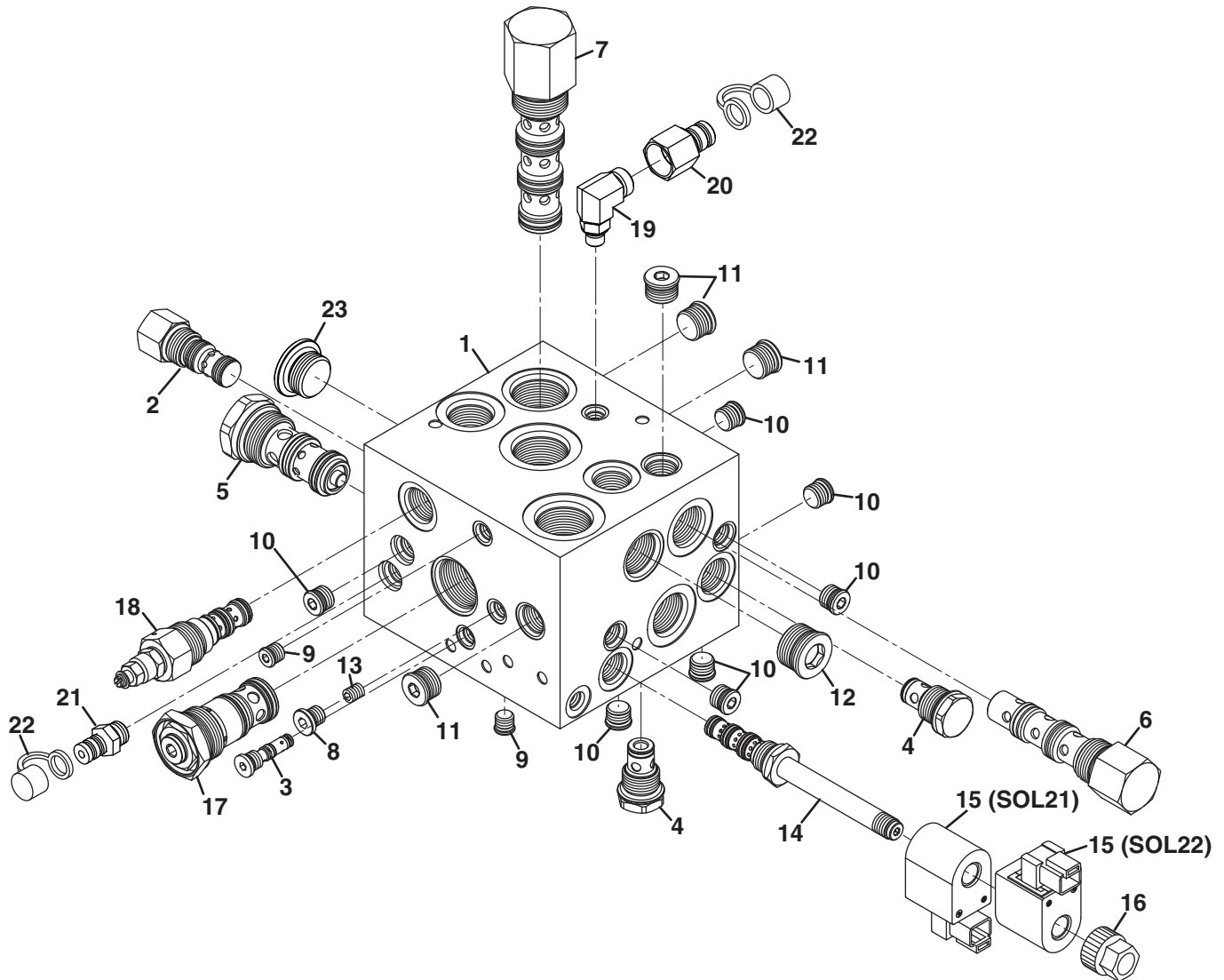
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Manifold Block	REFERENCE SOL3, SOL4, See 56.1 Set of 4 bolts REFERENCE SOL2, SOL13, SOL25, See 56.1
2	10001747	2	Solenoid Valve	
	686930	1	• Seal Kit	
3	686931	1	• Coil Nut	
4	685766	1	Weight Transfer Solenoid Valve	
	686930	1	• Seal Kit	
5		1	• Coil Nut	
6	10001745	1	Directional Control Valve, 12V	
	686934		• Seal Kit	
7	686937	2	• 12V, 30W Coil	
8	686910	2	• Coil Nut	
9	686939	9	-4 Zero Leak Plug	
10	339896	4	-4 ORB O-Ring	
11	10001749	1	Bolt Kit	
12	365466	1	Fitting, Diagnostic	
	339897	1	• -6 ORB O-Ring	
13	363030	1	Fitting Cover	
14	10001748	3	12V, 23W Coil	

> Change from previous revision

41.1 4WD Valve

Part Number 4420191

Serial No. All



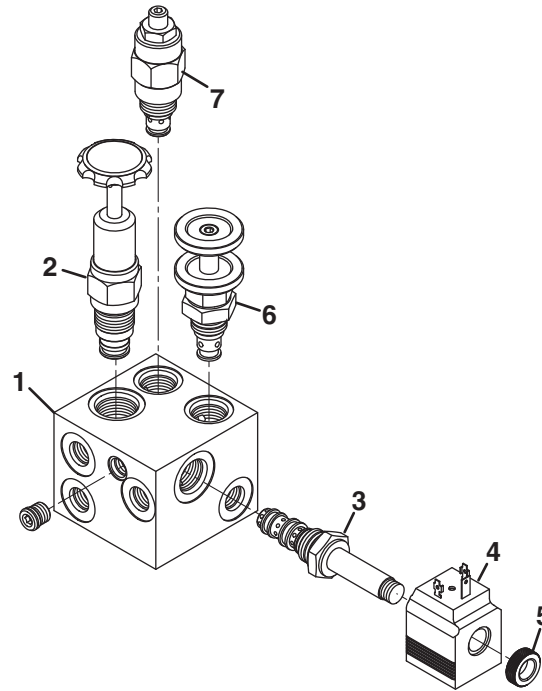
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Manifold Block	REFERENCE SOL21, SOL22, See 56.1
2	687166	1	Logic Element Valve	
	686912	1	• Seal Kit	
3	687167	1	Shuttle Valve	
	686913	1	• Seal Kit	
4	687168	2	Check Valve	
	686914	1	• Seal Kit	
5	687169	1	Pilot Operated Check Valve	
	686915	1	• Seal Kit	
6	687170	1	Hot Oil Shuttle Valve	
	686916	1	• Seal Kit	
7	687171	1	3W 2P Directional Control Valve	
	686917	1	• Seal Kit	
8	3010198	1	SAE -4 ORB Plug	
	339896	1	• -4 ORB O-Ring	
9	4369158	2	SAE -4 Tapered Plug	
		1	• O-Ring	
10	4216684	7	SAE -6 Tapered Plug	
		1	• O-Ring	
11	686922	4	SAE -8 Tapered Plug	
		1	• O-Ring	
12	686923	1	SAE -12 Tapered Plug	
		1	• O-Ring	
13	686924	1	M8-1 x 1.32 mm Orifice Plug	
14	687172	1	4W 3P Solenoid Valve	
	686925	1	• Seal Kit	
15	686926	2	• M13 20 Watt Coil	
16	686927	1	• Coil Nut	
17	687173	1	Poppet Type Logic Element Valve	
	686928	1	• Seal Kit	
18	687174	1	Pressure Reducing Valve	
	686929	1	• Seal Kit	
19	340059	1	-6 ORFS x -4 ORB 90° Fitting	
	339909	1	• -6 ORFS O-Ring	
	339896	1	• -4 ORB O-Ring	
20	364945	1	-6 ORFS Female Diagnostic Fitting	
21	365466	1	-6 ORB Male Diagnostic Fitting	
	339897	1	• -6 ORB O-Ring	
22	363030	2	Dust Cover	
23	3010202	1	SAE -12 ORB Plug	
	339900	1	• -12 ORB O-Ring	

> Change from previous revision

42.1 Brake Valve

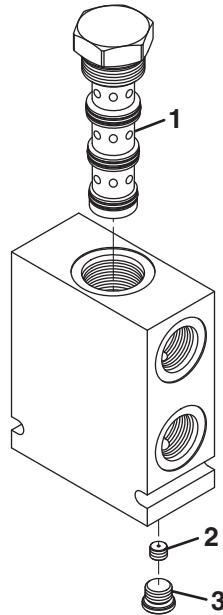
Serial No. All

Part Number 4201021



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Block, Manifold	REFERENCE SOL16, See 56.1
2	4259424	1	Hand Pump	
•	4375543	1	• Seal Kit	
3	4280751	1	Valve, Solenoid	
•	4375546	1	• Seal Kit	
4	4171444	1	• Coil	
5	4375542	1	• Nut, Coil	
6	4280752	1	Valve, Needle	
•	4375547	1	• Seal Kit	
7	4369147	1	Valve, 507 psi Relief	
•	4375544	1	• Seal Kit	
•	4369350	1	Seal Kit	

> Change from previous revision

43.1 Flow Divider Valve**Part Number 4273112**

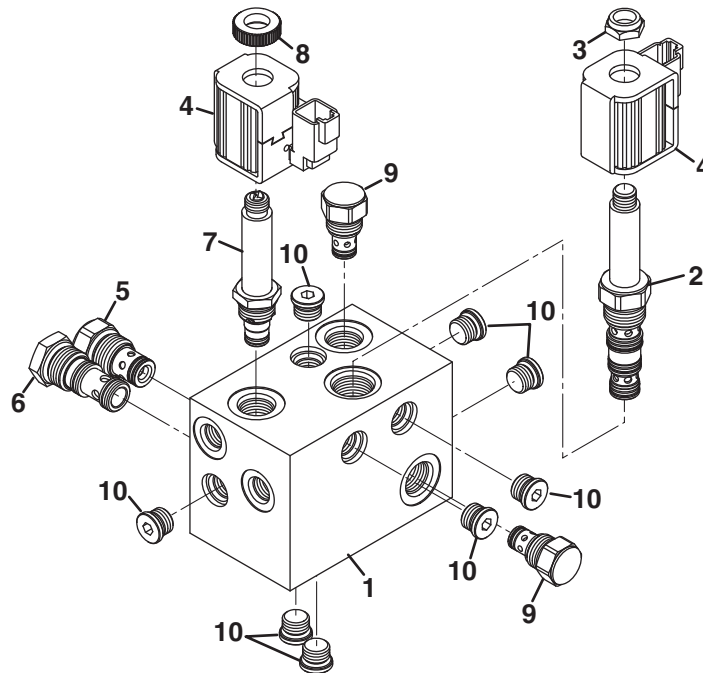
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	684143	1	Valve, Flow Divider	
	4283331	1	• Seal Kit	
2	4263953	1	Orifice, 0.060" Screw Type	
3	5001065	1	Plug, -6 ORB SAE	

> Change from previous revision

AR SERIES MOWER

44.1 Reversing Fan Valve

Reversing Fan Option, Part Number 691524

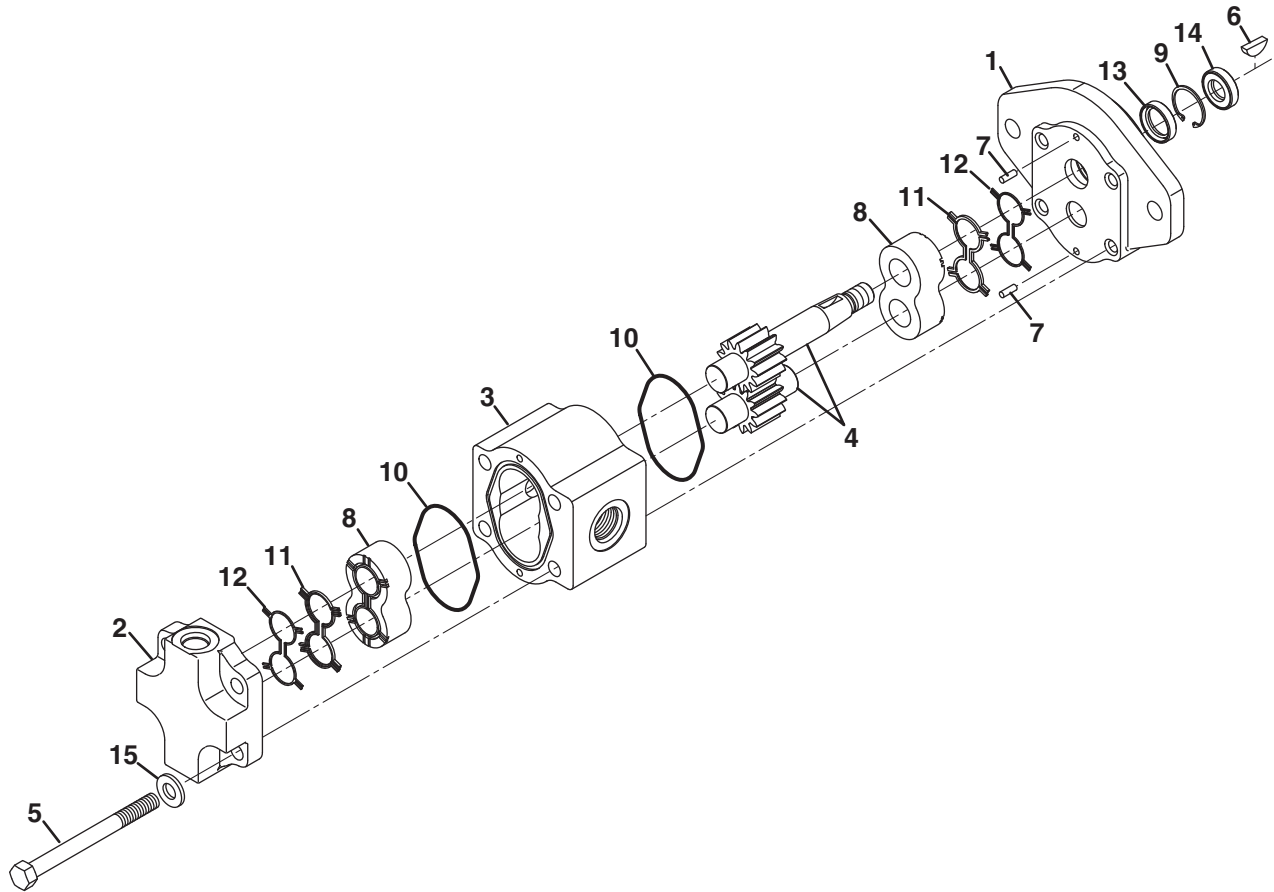


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Block, Manifold	Fan Direction
2	4354781	1	Valve, Solenoid	
	4354790	1	• Seal Kit	
3	4375549	1	• Nut, Coil	
4	4354786	1	Coil, 5/8" 12V	REFERENCE SOL14, See 56.1
5	691527	1	Valve, Check, 100 PSI	
	4141785	1	• Seal Kit	
6	691529	1	PWM Relief Valve	
	4141786	1	• Seal Kit	Fan Speed
7	691530	1	Piloted Pressure Relief Valve	
	691814	1	• Seal Kit	
8		1	• Nut, Coil	
9	4354786	1	Coil, 5/8" 12V	REFERENCE SOL15, See 56.1
10	691528	1	Valve, Check	
	691815	1	• Seal Kit	
11	3010199	8	Plug, -6 ORB	
	339897	1	• O-Ring, -6 ORB	

> Change from previous revision

45.1 Reversing Fan Motor

Reversing Fan Option, Part Number 4335527



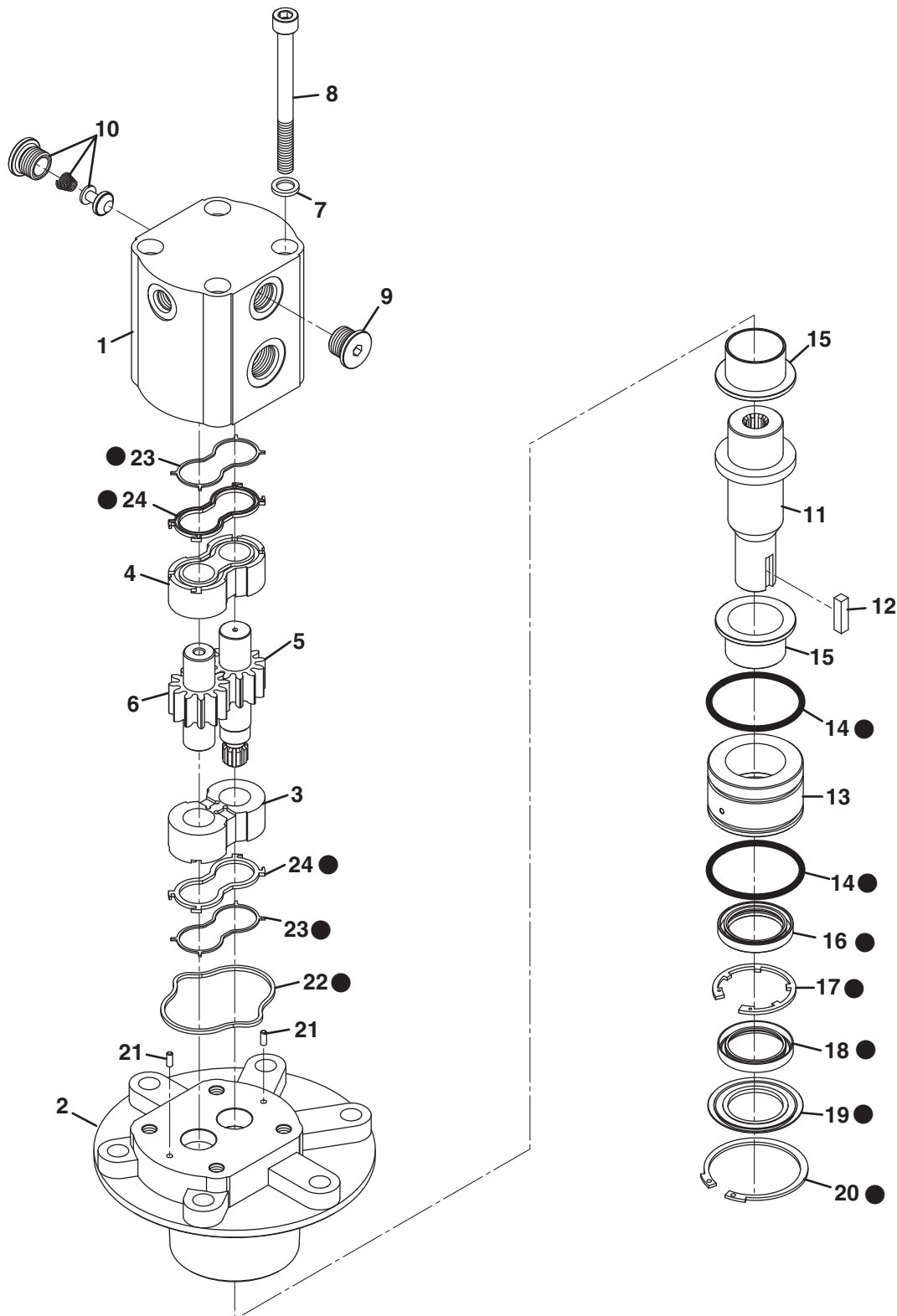
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Housing, Front	
2	N/S	1	Housing, Rear	
3	N/S	1	Housing, Gear	
4	N/S	1	Set, 0.49 in ³ Gearshaft	
5	N/S	4	Cap Screw, 80mm	
6	463009	1	Key, #6 (5/32 x 5/8") Woodruff	
7	N/S	2	Pin, Dowel	
8	N/S	2	Thrust Bushing Block	
	4354683	1	Seal Kit	
9	N/S	1	• Retaining Ring	
10	N/S	2	• Seal, O-Ring Section	
11	N/S	2	• Seal, Channel	
12	N/S	2	• Seal Back-Up	
13	N/S	1	• Seal, Inner Lip	
14	N/S	1	• Seal, Outer Lip	
15	N/S	4	Washer	

> Change from previous revision

46.1 Deck Motor

Part No. 4256390

Serial No. All



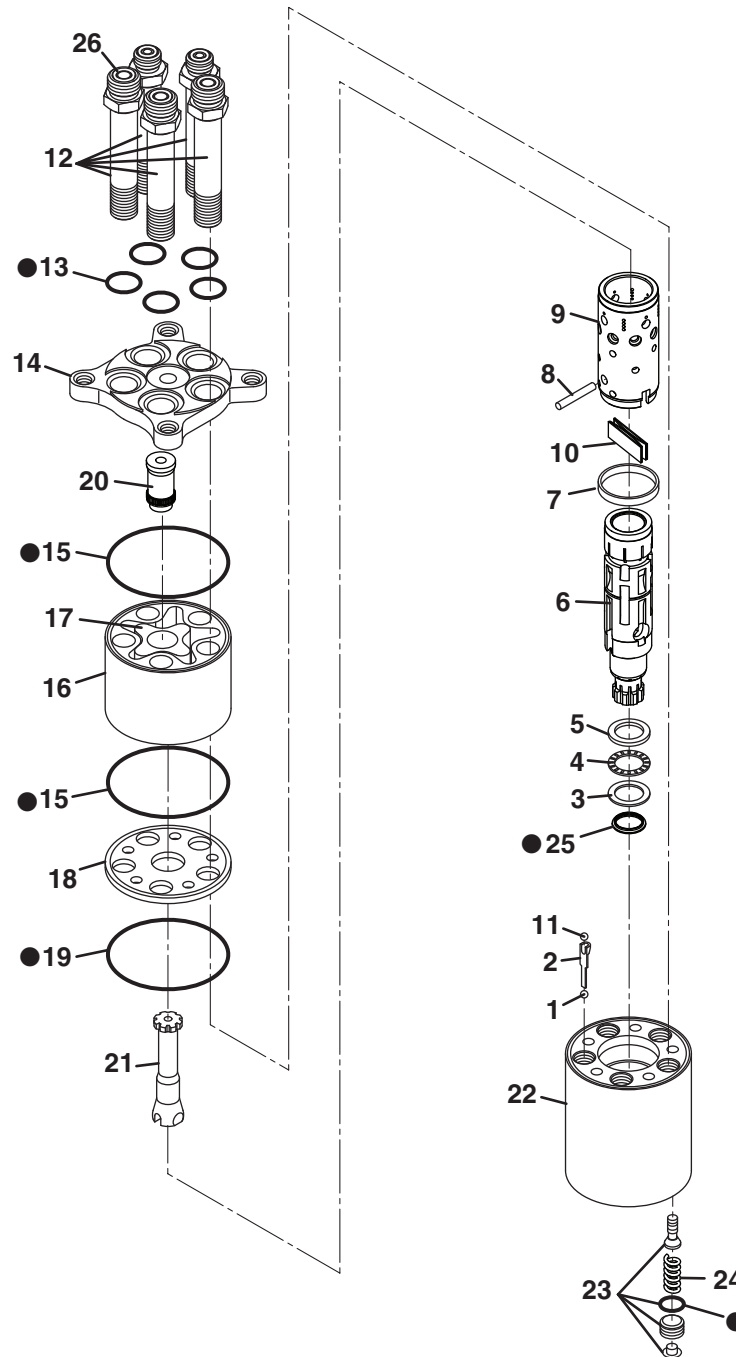
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Body, Motor	
2	N/S	1	Cover, Front	
3	N/S	1	Thrust Plate	
4	N/S	1	Thrust Plate	
5	N/S	1	Shaft, Drive Gear	
6	N/S	1	Gear, Driven	
7	N/S	4	Washer	
8	N/S	4	Screw, M10 x 110 mm Hex Socket	
9	N/S	1	Plug	
10	4115706	1	Check Valve	
11	N/S	1	Support Shaft	
12	557523	1	Key, 1/4 x 1/4 x 1" SAE	
13	N/S	1	Sleeve, Bearing Holder	
● 14	N/S	2	O-Ring	
15	N/S	2	Bearing, Sleeve	
● 16	N/S	1	Seal, Shaft	
● 17	N/S	1	Retaining Ring	
● 18	N/S	1	Seal, Shaft	
● 19	N/S	1	Grass Guard	
● 20	N/S	1	Retaining Ring	
21	N/S	2	Dowel Pin	
● 22	N/S	1	Square Section Seal	
● 23	N/S	2	Backup Ring	
● 24	N/S	2	Seal, Thrust Plate	
●	4136829	1	Seal Kit, Complete	

> Change from previous revision

47.1 Steering Valve

Part No. 4395252

Serial No. All



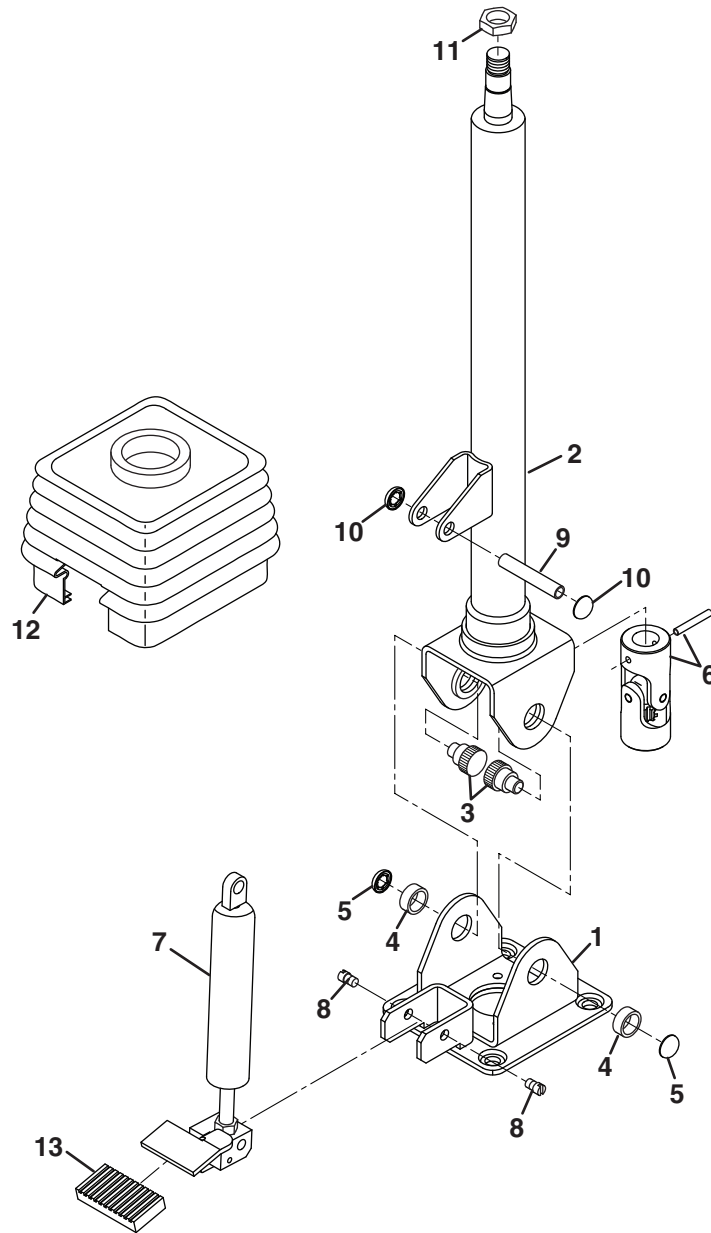
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Ball, Emergency Steering	
2	N/S	1	Stop, Ball	
3	N/S	1	Thin Bearing Race	
4	N/S	1	Bearing	
5	N/S	1	Thick Bearing Race	
6	N/S	1	Spool	
7	N/S	1	Spring Retaining Ring	
8	N/S	1	Cross Pin	
9	N/S	1	Sleeve	
10	N/S	1	Set, Spring	
11	N/S	1	Check Valve, Ball	
12	N/S	5	Screw, Special	
● 13	N/S	5	O-Ring	
14	N/S	1	End Cover	
● 15	N/S	2	O-Ring	
16	N/S	1	Rim, 6.10 in ³ Gearwheel	
17	N/S	1	Gearwheel, 6.10 in ³	
18	N/S	1	Distributor Plate	
● 19	N/S	1	O-Ring	
20	N/S	1	Spacer	
21	N/S	1	Cardan Shaft	
22	N/S	1	Housing	
23	N/S	1	Relief Valve	Adjust the Check Valve to 2030 psi (140 BAR)
24	N/S	1	Spring, Relief Valve	Includes Items marked ●
● 25	N/S	1	Seal, Shaft	
26	339909	5	O-Ring, -6 ORFS	
●	4197940	1	Seal Kit	

> Change from previous revision

48.1 Steering Column

Serial No. All

Part No. 4198282



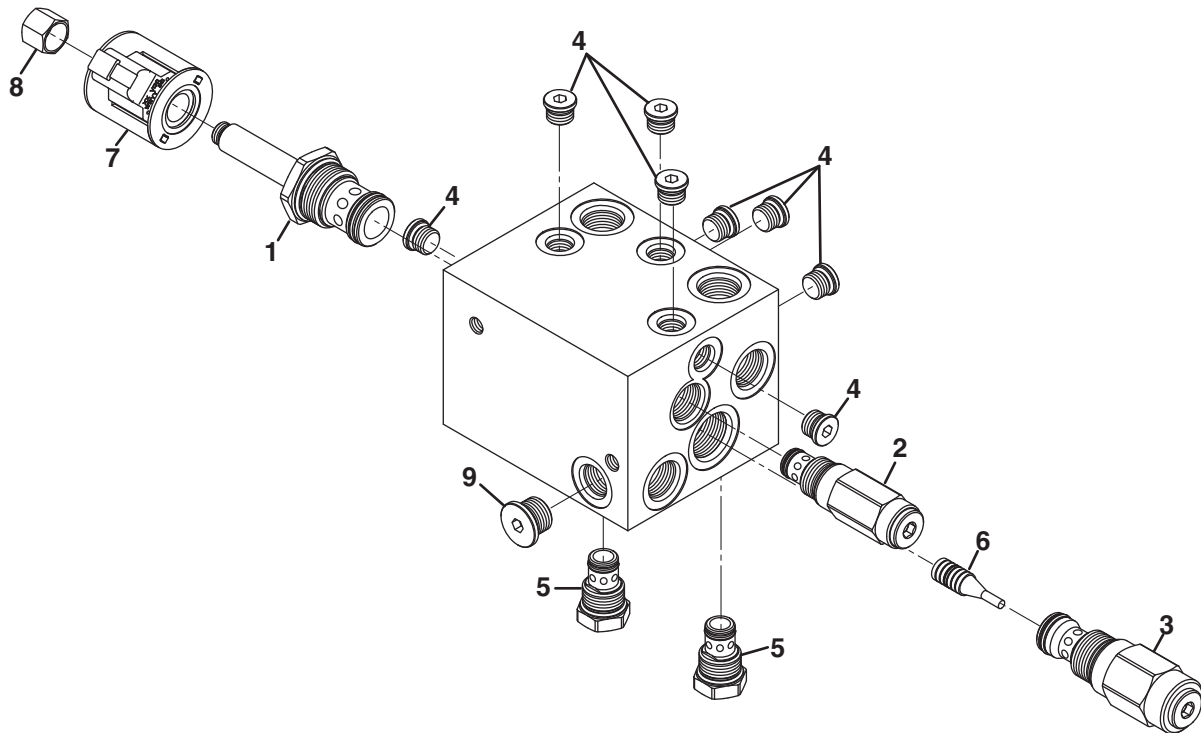
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Steering Column Base	
2	N/S	1	Steering Column	
	4397006	1	Kit, Steering Column Pivot	
3	N/S	2	• Pivot	
	4399466	1	• Kit, Steering Column Pivot	
4	N/S	2	• • Pivot Bushing	
5	N/S	2	• • Cap Nut	
6	4270219	1	Kit, Universal Joint Service	
7	4280351	1	Gas Spring	
	4278451	1	Kit, Gas Spring Pivot	
8	N/S	2	• Pivot Screw	
9	N/S	2	• Pivot Pin	
10	N/S	2	• Cap Nut	
11	450020338	1	Nut, 5/8-18 Thin Hex	
12	4375586	1	Bellows	
13	4375586	1	Cover, Foot Pedal	

> Change from previous revision

49.1 Deck Valve

Serial No. All

Part Number 4217900



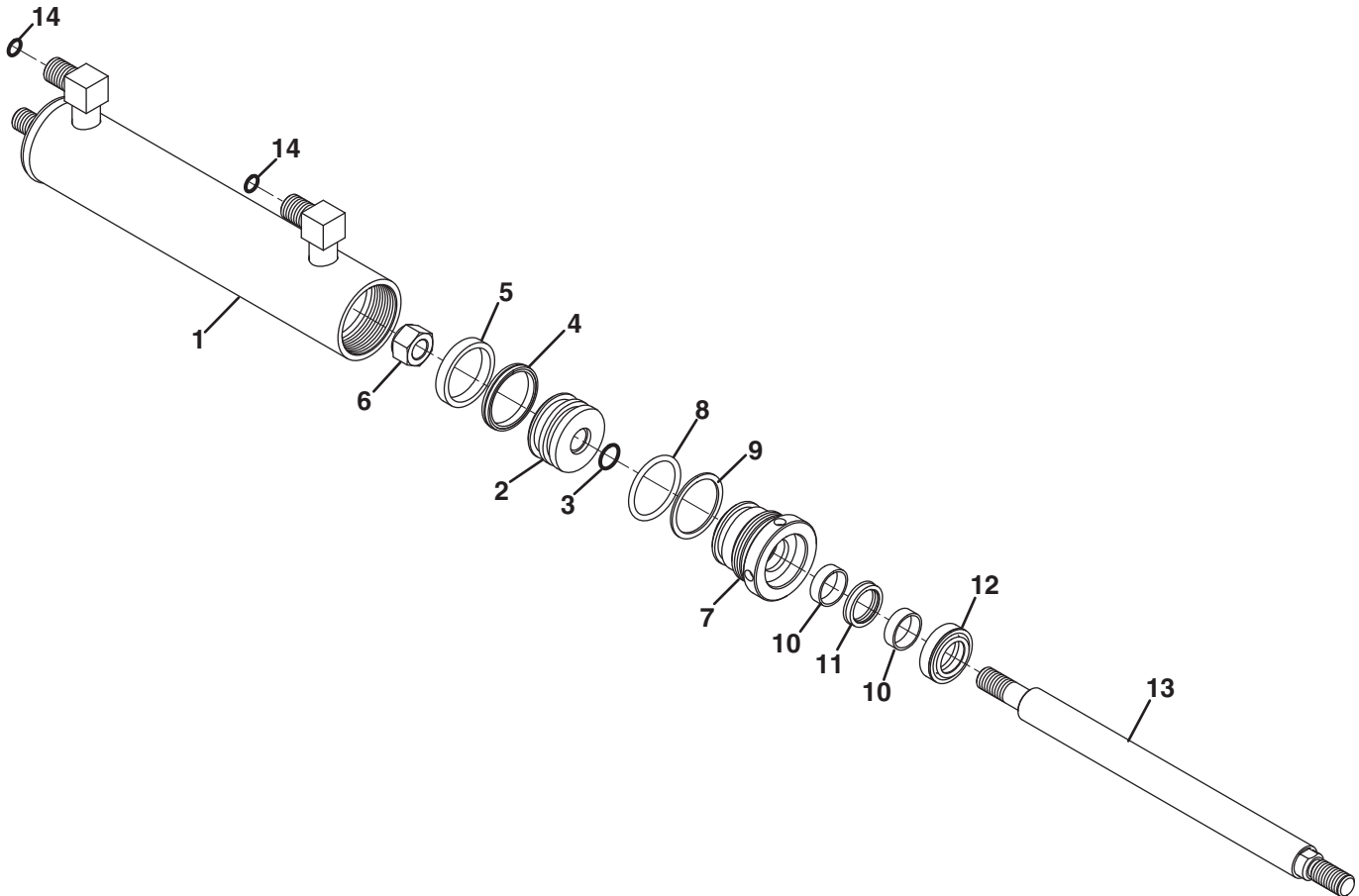
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4223600	1	Solenoid Valve	REFERENCE SOL1, See 56.1
	4223640	1	• Seal Kit	
2	4223620	1	Relief Valve, 2800 psi	
	5003579	1	• Seal Kit	
3	5002912	1	Relief Valve, 630 psi	
	5003554	1	• Seal Kit	
4	3010199	8	Plug, -6 ORB	
	339897	1	• O-Ring, -6 ORB	
5	5000049	2	Check Valve	
	5003579	1	• Seal Kit	
6	4223621	1	Piston, Pilot	
7	4134530	1	Coil, Solenoid Valve	
8	N/S	1	Nut, Coil	
9	N/S	1	Plug, -8 ORB	
	339898	1	• O-Ring, -8 ORB	

> Change from previous revision

50.1 Steering Cylinder

Serial No. All

Part Number 4271774

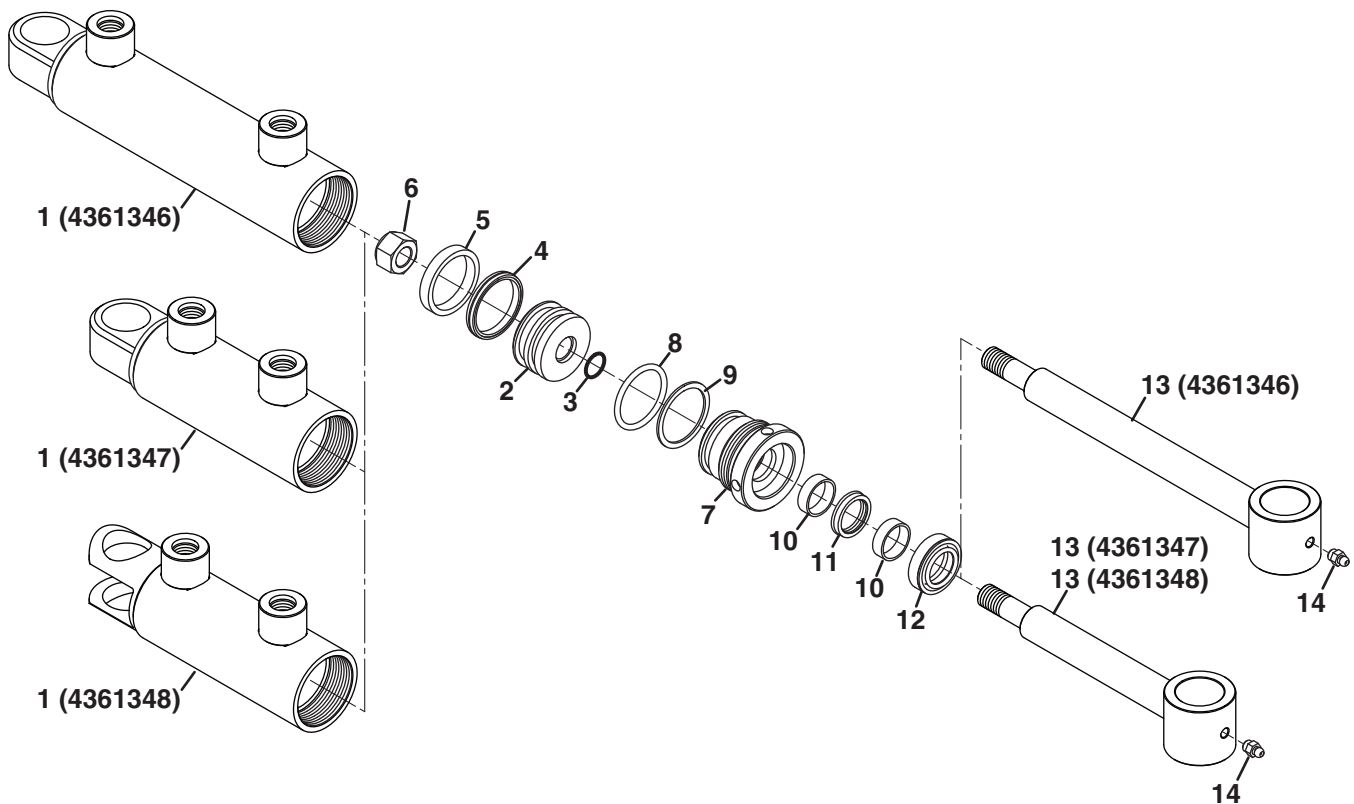


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Cylinder Barrel	
2	N/S	1	1-1/2" Tube Piston	
3	●	1	Piston O-Ring	
4	●	1	Piston Seal	
5	●	1	Piston Wear Ring	
6	N/S	1	1/2 Hex Nut	
7	N/S	1	Cylinder Gland	
8	●	1	Gland O-Ring	
9	●	1	Gland Backup Ring	
10	●	2	Gland Wear Sleeve	
11	●	1	Gland Seal	
12	●	1	Wiper Seal	
13	N/S	1	Cylinder Rod	
14	339908	2	-4 ORFS O-Ring	
●	4276851	1	Seal Kit	Includes Items marked ●

> Change from previous revision

51.1 Lift Cylinders

Part Number 4361346, 4361347 and 4361348



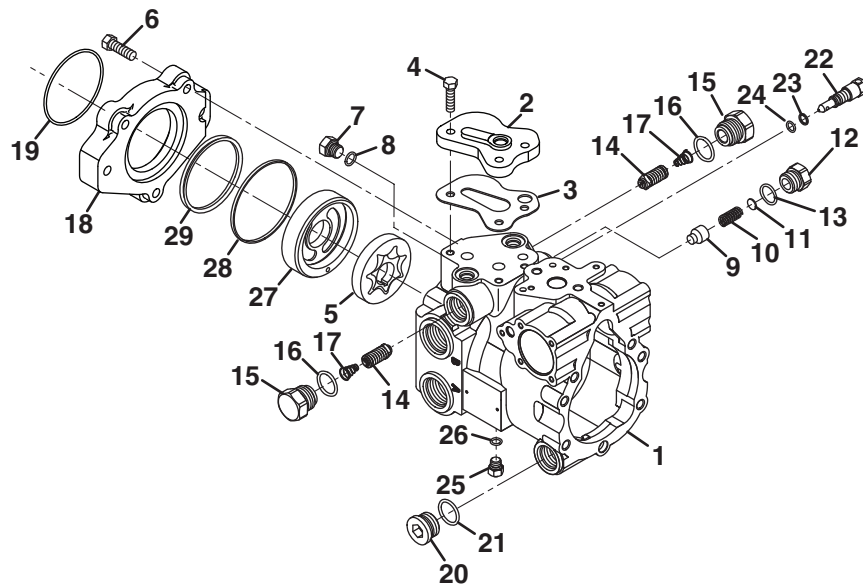
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Cylinder Barrel	
2	N/S	1	1-1/2" Tube Piston	
3	●	1	Piston O-Ring	
4	●	1	Piston Seal	
5	●	1	Piston Wear Ring	
6	N/S	1	1/2 Hex Nut	
7	N/S	1	Cylinder Gland	
8	●	1	Gland O-Ring	
9	●	1	Gland Backup Ring	
10	●	2	Gland Wear Sleeve	
11	●	1	Gland Seal	
12	●	1	Wiper Seal	
13	N/S	1	Cylinder Rod	
14	471214	1	1/4-28 Grease Fitting	
●	4137139	1	Seal Kit	Includes Items marked ●

> Change from previous revision

52.1 Traction Pump (Rear Half)

Serial No. All

Part No 688756



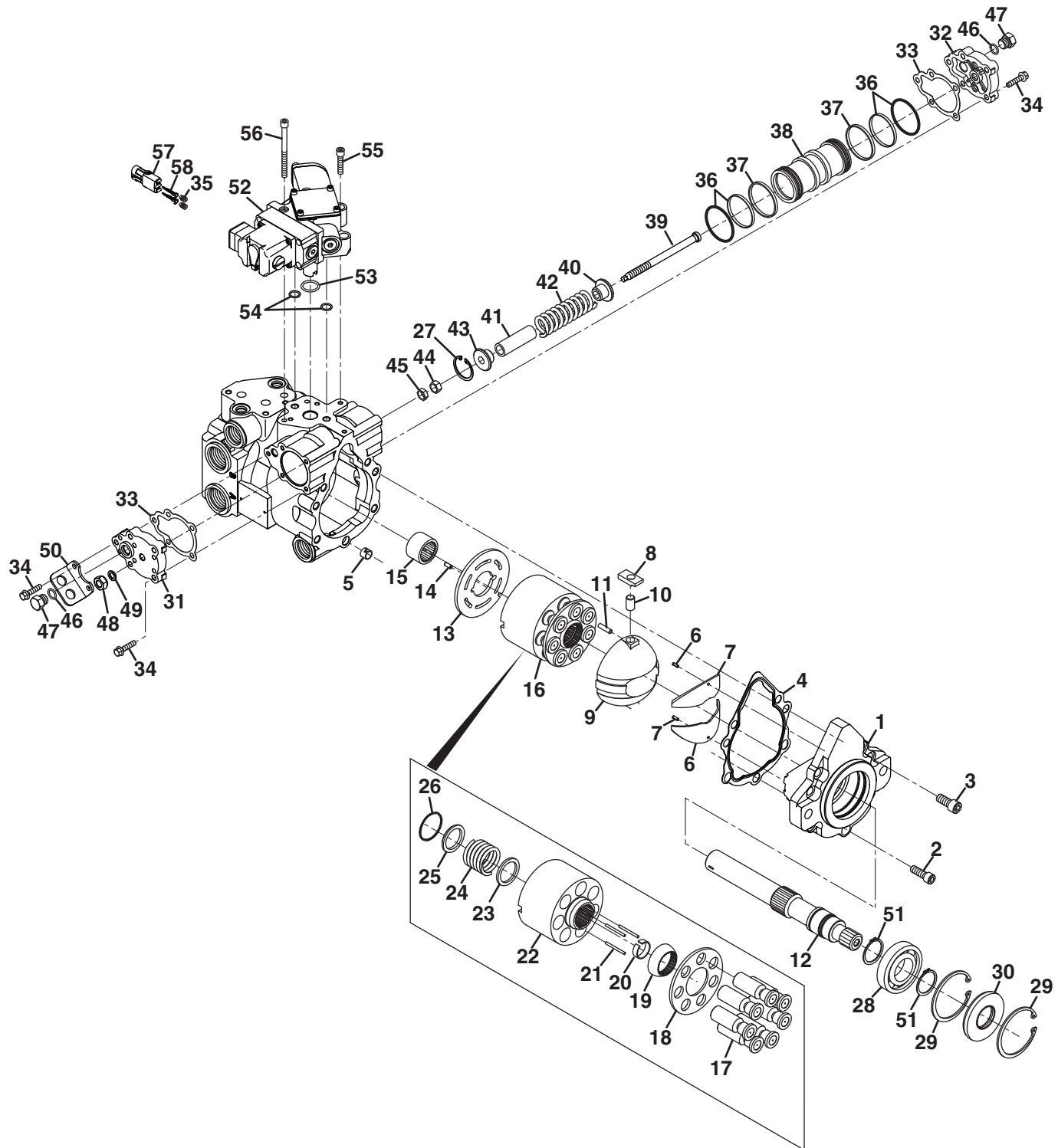
AR SERIES MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Pump Housing	
2	N/S	1	Charge Pressure Filtration Plate	
● 3	N/S	1	Seal Adapter	
4	N/S	3	Screw, 5/16 x 1" Hex Head	Torque to 22 ft. lb. (30 Nm)
5	4134619	1	Gerotor	
6	N/S	3	Screw, 3/8 x 1" Hex Head	Torque to 32 ft. lb. (43 Nm)
7	N/S	1	Plug, 9/16-18 (-6 ORB)	Torque to 27 ft. lb. (37 Nm)
8	339897	1	• O-Ring, -6 ORB	
9	4134590	1	Charge Relief Valve	
10	4134589	1	Charge Relief Spring	
11	4134588	1	Shim Kit	
12	N/S	1	Plug, Charge Relief Valve 3/4-16	Torque to 80 ft. lb. (80 Nm)
● 13	4224121	1	• O-Ring, -8 ORB	
14	5003434	2	Relief Valve, 3625 psi	
15	N/S	2	• Plug, Relief Valve 1-1/16-12	Torque to 130 ft. lb. (176 Nm)
● 16	339900	2	• O-Ring, -12 ORB	
17	N/S	2	• Spring	
18	N/S	1	Flange, Rear Mounting	
● 19	362743	1	O-Ring Seal	
20	N/S	1	Plug, 1-1/16-12 Hex Socket	Torque to 85 ft. lb. (115 Nm)
21	339900	1	• O-Ring, -12 ORB	
22	4134612	1	Bypass Valve	Torque to 15 ft. lb. (20 Nm)
● 23	N/S	1	• Backup Ring	
● 24	N/S	1	• O-Ring	
25	4134668	1	Plug, 7/16-20 (-4 ORB)	Torque to 15 ft. lb. (20 Nm)
26	339896	1	O-Ring, -4 ORB	
27	N/S	1	Cover, Gerotor	
● 28	NS	1	O-Ring	
● 29	NS	1	Temper Load Ring	
●	5003034	1	Seal Kit	Includes Items marked ●

> Change from previous revision

53.1 Traction Pump (Front Half)

Part Number 688756



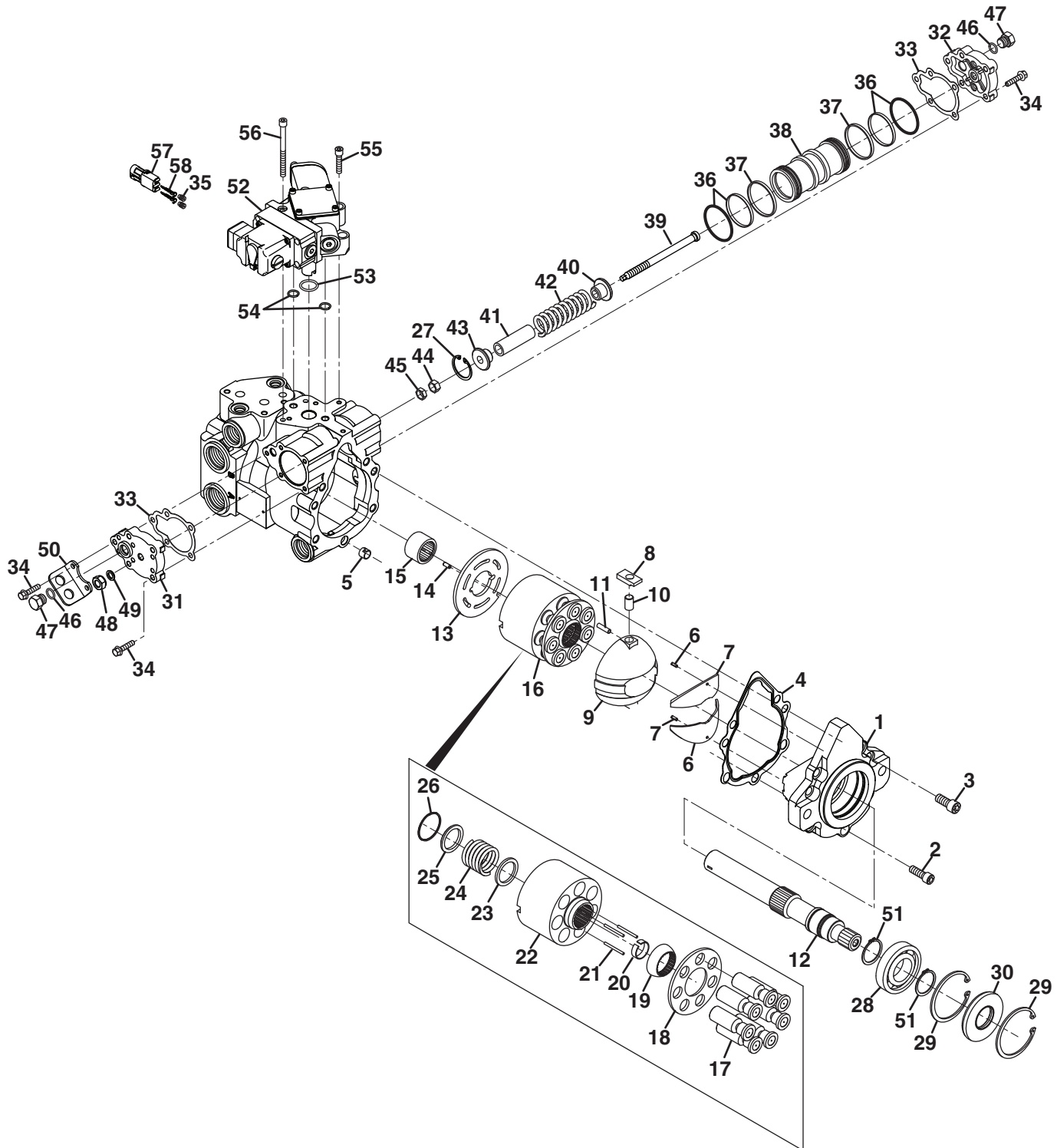
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Flange, Front Mounting	Torque to 43 ft. lb. (58 Nm) Torque to 67 ft. lb. (91 Nm)
2	N/S	1	Screw, 3/8 x 1-1/8 T50 Torx	
3	4286054	6	Screw, 7/16 x 1" T55 Torx	
● 4	N/S	1	Gasket, Front Flange	Torque to 11 ft. lb. (15 Nm)
5	N/S	1	Bushing	
6	N/S	2	Pin	
7	4134608	2	Journal Bearing	
8	N/S	1	Plate	
9	4134597	1	Variable Swashplate	
10	N/S	1	• Pin	
11	4134606	1	• Pin	
12	N/S	1	Shaft, Pump	
13	4134610	1	Valve Plate	
14	4134607	1	Pin, Alignment	
15	4134592	1	Needle Bearing	
16	4134614	1	Cylinder Block Kit	
17	N/S	7	• Piston	
18	N/S	1	• Slipper Plate	
19	N/S	1	• Pivot	
20	N/S	1	• Spring, Pin Retaining	
21	N/S	3	• Pin	
22	N/S	1	• Cylinder Block	
23	N/S	1	• Bushing, Front Spring	
24	N/S	1	• Spring	
25	N/S	1	• Bushing, Rear Spring	
26	N/S	1	• Ring, Retaining	
27	N/S	1	Retaining Ring, Internal	
28	4286053	1	Roller Bearing	
29	4134595	2	Retaining Ring	
30	5003433	1	Shaft Seal	
31	N/S	1	Cover, Neutral Adjust Servo	
32	N/S	1	Cover, Servo	
● 33	N/S	1	Gasket, Servo Cover	
34	N/S	10	Screw, 1/4 x 1-1/8" Hex Flange	
35	4229222	2	Seal, Wire	
● 36	4134618	1	Piston Ring Kit	
● 37	N/S	2	Bearing	
38	N/S	1	Piston, Servo	
39	N/S	1	Screw, Servo Neutral Adjustment	
40	N/S	1	Guide, Spring	
41	N/S	1	Stop, Servo	
●	5003034	1	Seal Kit	Includes Items marked ●
Parts List continued on next page.				

> Change from previous revision

AR SERIES MOWER

53.1 Traction Pump (Front Half Continued)

Part Number 688756

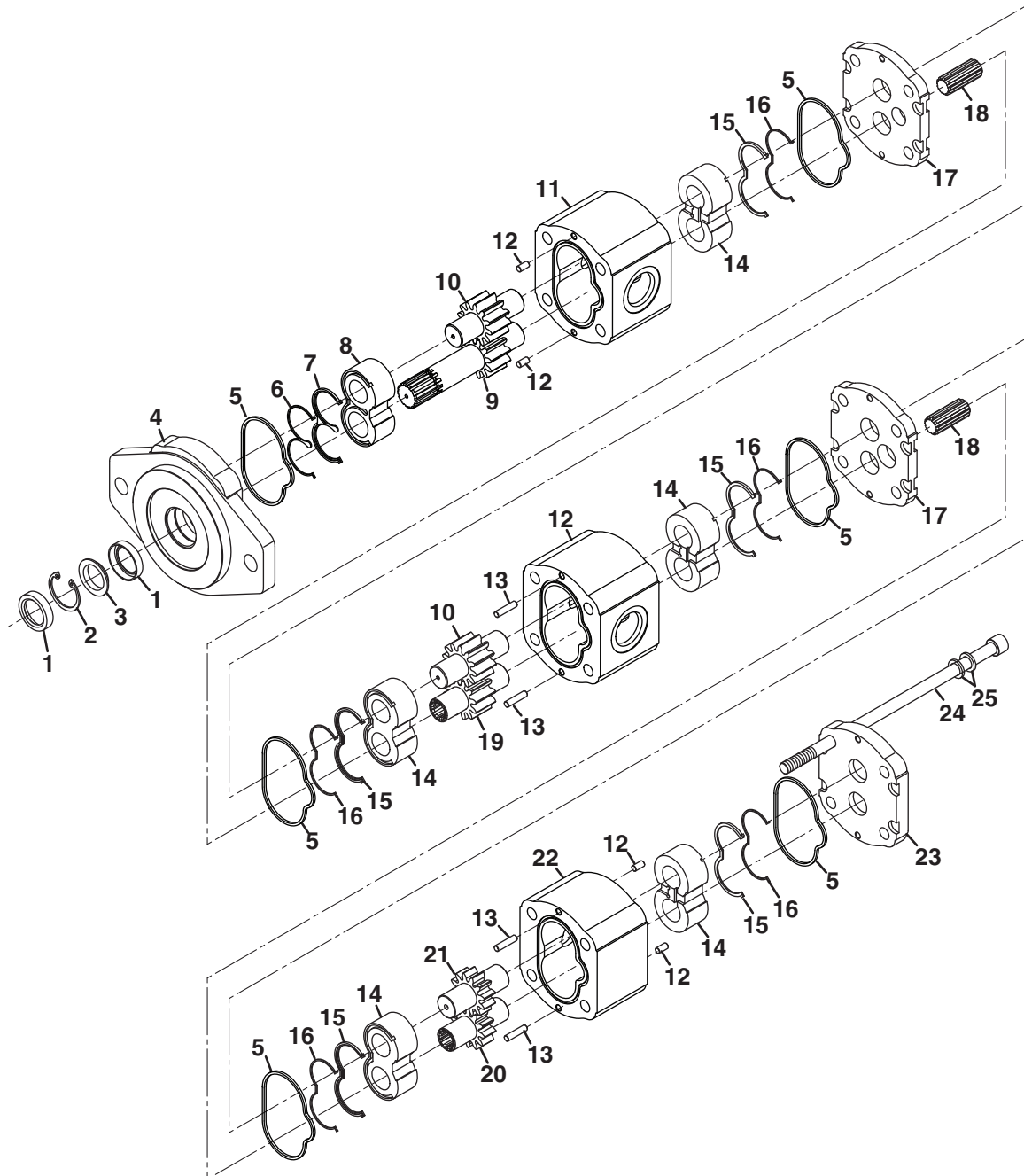


> *Change from previous revision*

54.1 Gear Pump

Serial No. All

5 Gang Mower with Standard Fan, Part Number 678119



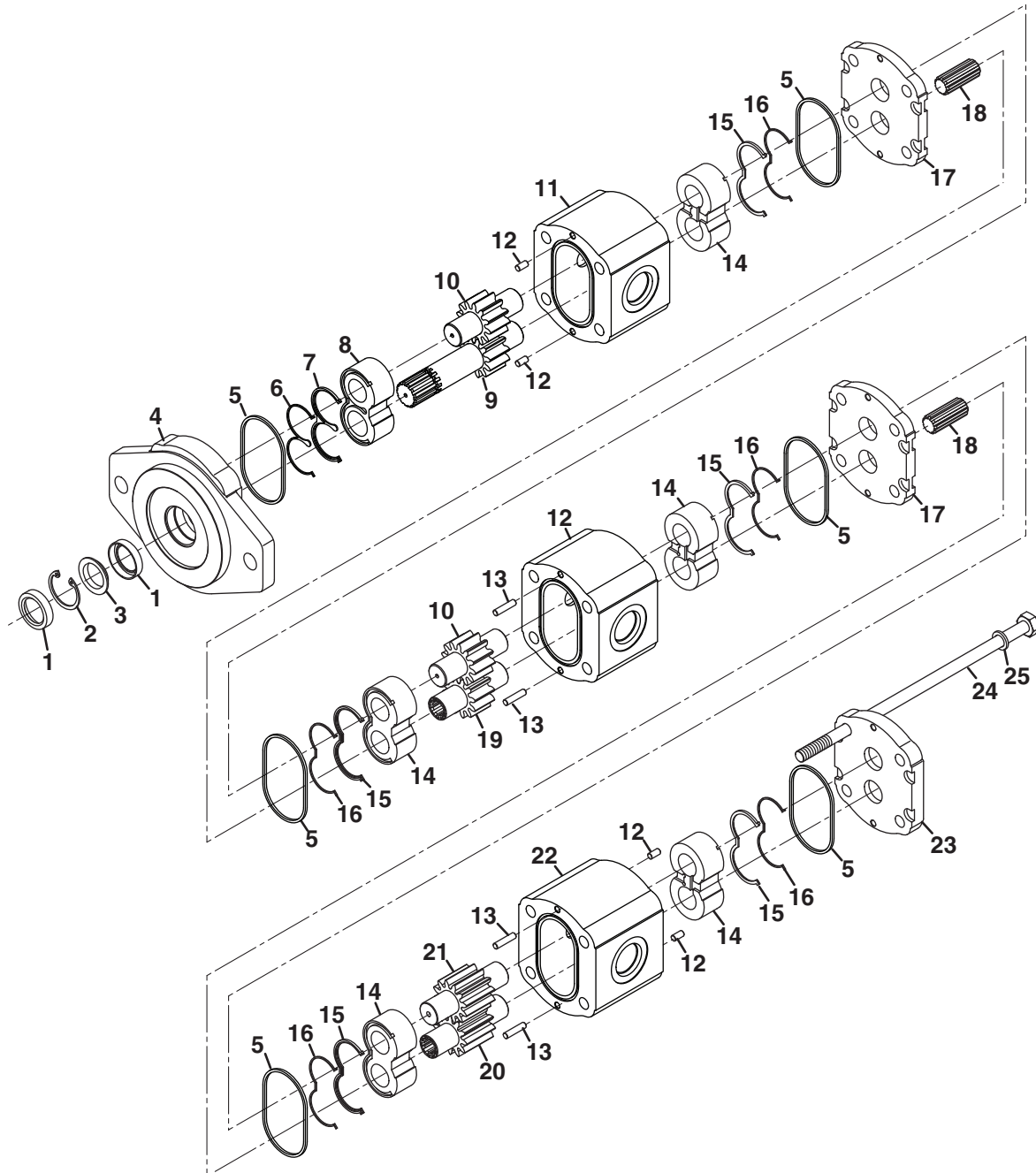
Item	Part No.	Qty.	Description	Serial Numbers/Notes
● 1	N/S	2	Shaft Seal	
2	N/S	1	32 mm Retaining Ring	
3	N/S	1	Backup Washer	
4	N/S	1	Front Cover	
● 5	N/S	6	Section Seal	
● 6	N/S	1	Anti-Extrusion	
● 7	N/S	1	Seal	
8	N/S	1	Thrust Plate	
9	N/S	1	0.89 in ³ Input Drive Shaft	
10	N/S	2	0.89 in ³ Driven Shaft	
11	N/S	2	0.89 in ³ Section Body	
12	N/S	4	10 mm Dowel Pin	
13	N/S	4	22 mm Dowel Pin	
14	N/S	5	Thrust Plate	
● 15	N/S	5	Seal	
● 16	N/S	5	Anti-Extrusion	
17	N/S	2	Flange	
18	N/S	2	38 mm Drive Hub	
19	N/S	1	0.89 in ³ Drive Shaft	
20	N/S	1	0.56 in ³ Drive Shaft	
21	N/S	1	0.56 in ³ Driven Shaft	
22	N/S	1	0.56 in ³ Section	
23	N/S	1	Rear Cover	
24	N/S	4	Screw, M10 x 245 mm Hex	
25	N/S	8	Washer	
●	686585	1	Seal Kit	Includes Items marked ●

> Change from previous revision

55.1 Gear Pump

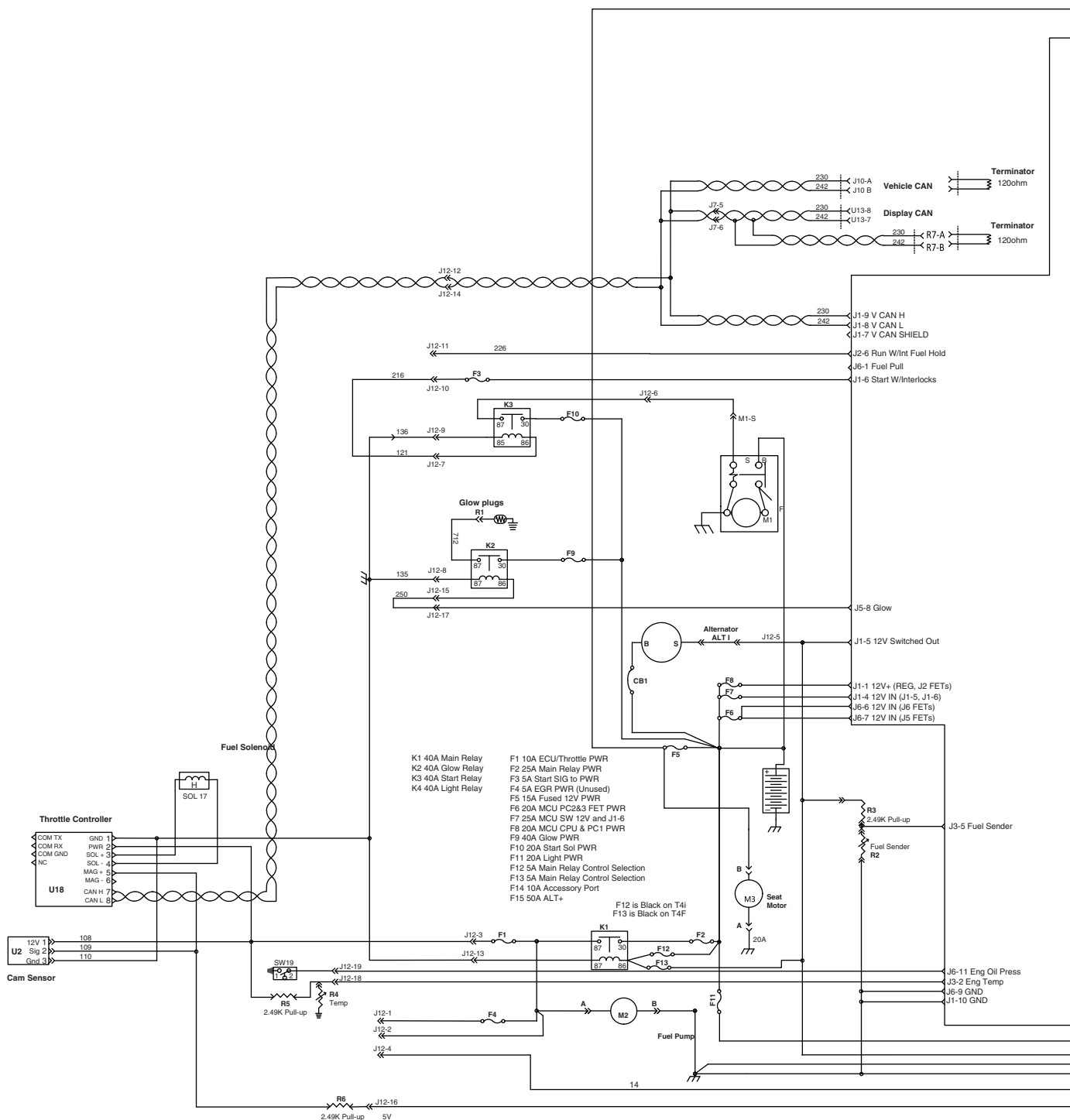
Serial No. All

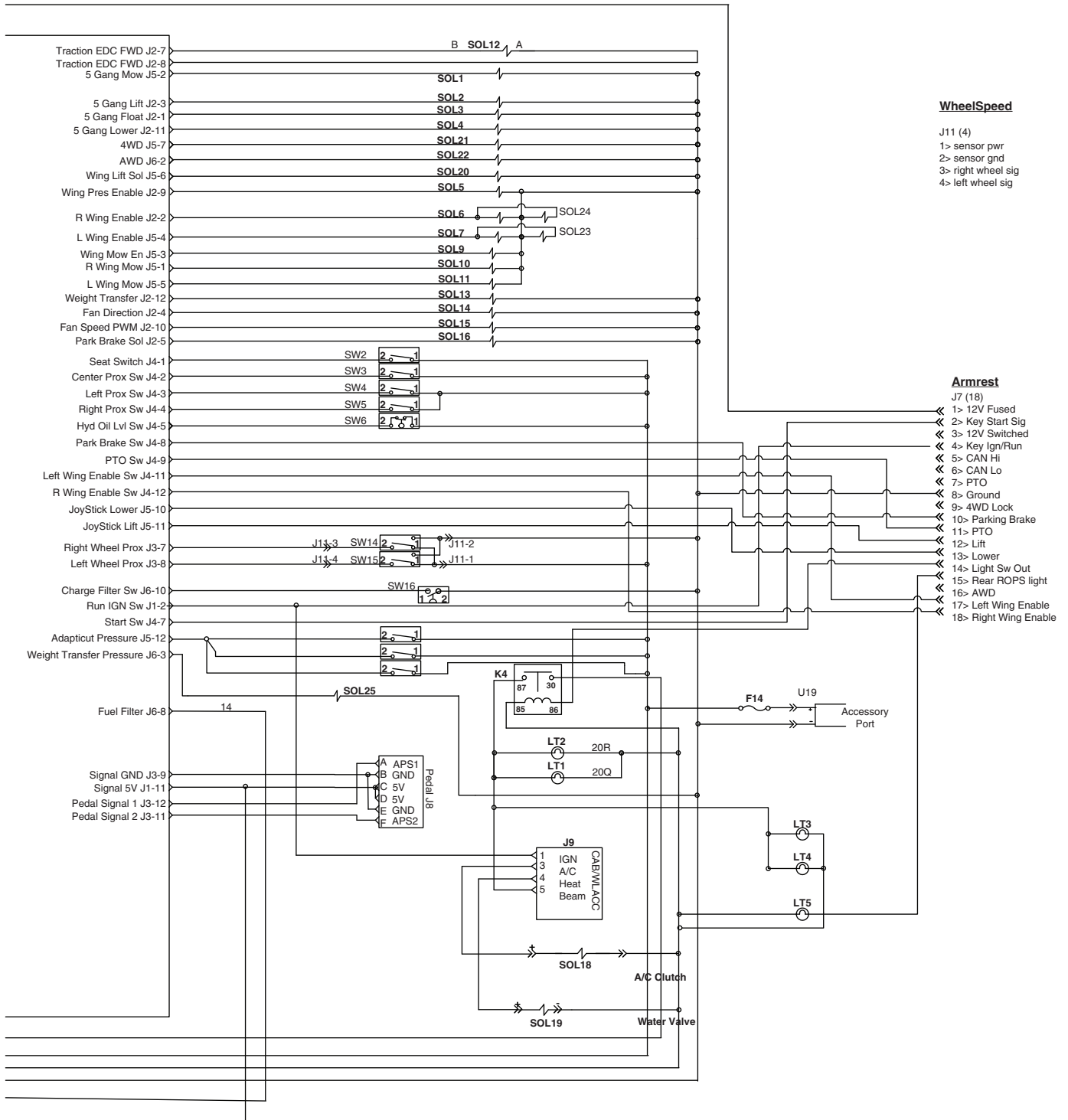
5 Gang Mower with Reversing Fan Option, Part Number 669441



Item	Part No.	Qty.	Description	Serial Numbers/Notes
● 1	N/S	2	Shaft Seal	
2	N/S	1	32 mm Retaining Ring	
3	N/S	1	Backup Washer	
4	N/S	1	Front Cover	
● 5	N/S	6	Section Seal	
● 6	N/S	1	Anti-Extrusion	
● 7	N/S	1	Seal	
8	N/S	1	Thrust Plate	
9	N/S	1	0.89 in ³ Input Drive Shaft	
10	N/S	2	0.89 in ³ Driven Shaft	
11	N/S	2	0.89 in ³ Section Body	
12	N/S	4	10 mm Dowel Pin	
13	N/S	4	22 mm Dowel Pin	
14	N/S	5	Thrust Plate	
● 15	N/S	5	Seal	
● 16	N/S	5	Anti-Extrusion	
17	N/S	2	Flange	
18	N/S	2	38 mm Drive Hub	
19	N/S	1	0.89 in ³ Drive Shaft	
20	N/S	1	1.29 in ³ Drive Shaft	
21	N/S	1	1.29 in ³ Driven Shaft	
22	N/S	1	1.29 in ³ Section	
23	N/S	1	Rear Cover	
24	N/S	4	Screw, M10 x 260 mm Hex	
25	N/S	8	Washer	
●	686584	1	Seal Kit	Includes Items marked ●

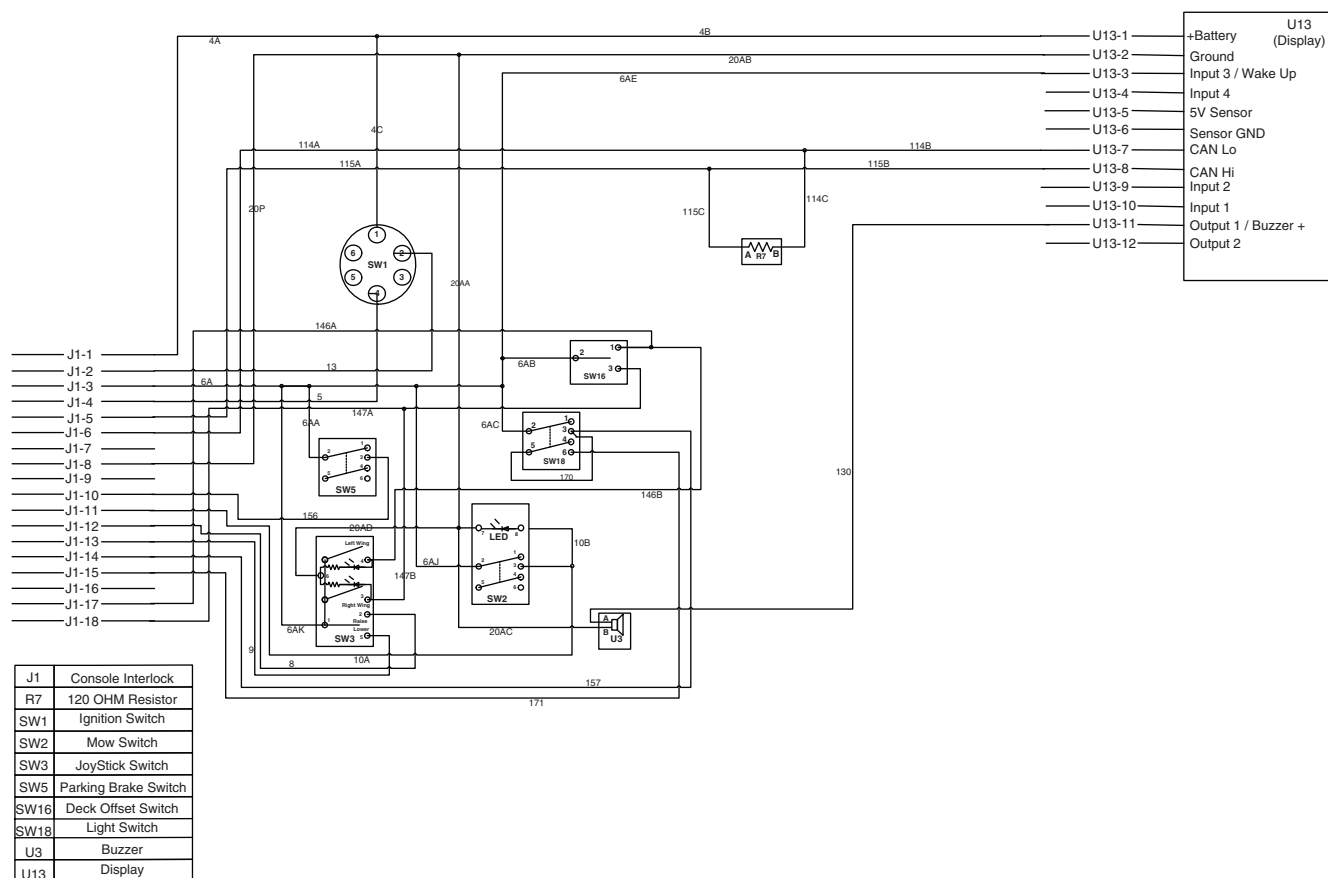
> Change from previous revision



56.1 Electrical Schematic**Tier 4 Interim Solenoid Controller**

56.1 Electrical Schematic

Tier 4 Interim Armrest Schematic



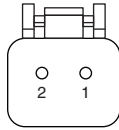
Item	Reference Illustration	Part Number	Description	Serial Numbers/Notes
B1	See 33.1	NS	Battery	
F1	See 32.1	5003280	10 Amp ECU Power ATO Fuse	Included in Harness
F2	See 32.1	5003283	25 Amp Main Relay ATO Fuse	Included in Harness
F3	See 32.1	5003278	5 Amp Start Signal ATO Fuse	Included in Harness
F4	See 32.1	4312215	5 Amp EGR Power Mini Fuse	Included in Harness
F5	See 32.1	5003281	15 Amp Fused Power ATO Fuse	Included in Harness
F6	See 32.1	5003282	20 Amp MCU Power ATO Fuse	Included in Harness
F7	See 32.1	5003283	25 Amp MCU Relay ATO Fuse	Included in Harness
F8	See 32.1	5003282	20 Amp MCU CPU Power ATO Fuse	Included in Harness
F9	See 32.1	5003286	40 Amp Glow Relay ATO Fuse	Included in Harness
F10	See 32.1	5003282	20 Amp Start Relay ATO Fuse	Included in Harness
F11	See 32.1	5003282	20 Amp Light Relay ATO Fuse	Included in Harness
F12	See 32.1	Not Used	5 Amp T4F Main Relay Mini Fuse	Fuse must be removed
F13	See 32.1	4312215	5 Amp T4I Main Relay Mini Fuse	Included in Harness
F14	See 32.1	5003280	10 Amp ACC Power ATO Fuse	Included in Harness
F15	See 33.1	686228	60 Amp Alternator Maxi Fuse	Included in + Battery Cable
K1	See 32.1	4312212	Main Relay	Included in Harness
K2	See 32.1	4193880	Glow Plug Relay	Included in Harness
K3	See 32.1	4312212	Start Relay	Included in Harness
K4	See 32.1	4312212	Light Relay	Included in Harness
L1	See 33.1	680990	Right LED Work Light	
L2	See 33.1	680990	Left LED Work Light	
L3	Not Used		ROPS Work Light	Not Used on This Mower
M1	Not Shown	4198229	Starter	Included in Engine
M2	See 17.1	4272290	Fuel Pump	
M3			Seat Motor	Premium Seat Option
R1	Not Shown	4289844	Glow Plugs	Included in Engine
R2	See 17.1	2208073	Fuel Sender	
R3	See 32.1	4379886	2.5 k Ω Pull Up Resistor	Fuel Sender Circuit
R4	See 14.1	364501	Temperature Sender	
R5	See 32.1	4379886	2.5 k Ω Pull Up Resistor	Temperature Sender Circuit
R6	See 32.1	4379886	2.5 k Ω Pull Up Resistor	Cam Sensor Circuit
R7	See 32.1	4129718	120 Ω CAN Terminating Resistor	Main Harness
R8	See 4.1	4129718	120 Ω CAN Terminating Resistor	Armrest Harness
SOL1	See 55.1	4134530	5 Gang Mow Front Solenoid	Part of 4217900 Deck Valve
SOL2	See 46.1	686937	5 Gang Lift Solenoid Coil	Part of 698850 Lift Valve
SOL3	See 46.1	10001748	5 Gang Float Solenoid Coil	Part of 698850 Lift Valve
SOL4	See 46.1	686937	5 Gang Lower Solenoid Coil	Part of 698850 Lift Valve
SOL5	Not Used		Wing Pressure Enable Solenoid Coil	Not Used on This Mower
SOL6	Not Used		Right Wing Enable Solenoid Coil	Not Used on This Mower
SOL7	Not Used		Left Wing Enable Solenoid Coil	Not Used on This Mower
SOL9	Not Used		Wing Mow Enable Solenoid Coil	Not Used on This Mower
SOL10	Not Used		Right Wing Mow Solenoid Coil	Not Used on This Mower
SOL11	Not Used		Left Wing Mow Solenoid Coil	Not Used on This Mower

AR SERIES MOWER

Item	Reference Illustration	Part Number	Description	Serial Numbers/Notes
SOL12	See 63.1	4224140	EDC Solenoid Coil	Part of 688756 Traction Pump
SOL13	See 46.1	10001748	Weight Transfer Solenoid Coil	Part of 698850 Lift Valve
SOL14	See 50.1	4354786	Fan Direction Solenoid Coil	Reversing Fan Option
SOL15	See 50.1	4354786	Fan Speed Solenoid Coil	Reversing Fan Option
SOL16	See 48.1	4171444	Parking Brake Solenoid Coil	Part of 4201021 Brake Valve
SOL17	See 14.1	4393215	Throttle Actuator	
SOL18	Not Shown		A/C Clutch	
SOL19	Not Shown		Water Heater Valve	Optional Cab Accessory
SOL20	Not Used		Wing Lower Solenoid Coil	Not Used on This Mower
SOL21	See 47.1	686926	4WD Valve Solenoid Coil	Part of 4420191 4WD Valve
SOL22	See 47.1	686926	AWD Valve Solenoid Coil	Part of 4420191 4WD Valve
SOL23	Not Used		Left Wing Lock Solenoid Coil	Not Used on This Mower
SOL24	Not Used		Right Wing Solenoid Coil	Not Used on This Mower
SOL25	See 46.1	10001748	Weight Transfer 2 Solenoid Coil	Part of 698850 Lift Valve
SW1	See 4.1	4283269	Ignition Switch	
SW2	See 4.1	4343926	Mow Switch	Included in Armrest
SW2	Not Shown		Seat Switch	
SW3	See 4.1	4323427	Joystick Switch	Included in Armrest
SW3	See 37.1	4125831	Center Proximity Switch	
SW4	See 2.1	4139450	Seat Switch	Standard Seat
SW4	See 2.1	4400293	Seat Switch	Premium Seat Option
SW4	Not Shown		Left Proximity Switch	
SW5	See 4.1	4139764	Parking Brake Switch	Included in Armrest
SW5	Not Shown		Right Proximity Switch	
SW6	See 18.1	4316948	Hydraulic Oil Level Switch	
SW11	See 25.1	678265	Front Mow Pressure Switch	
SW12	See 25.1	678265	Rear Mow Pressure Switch	
SW14	See 7.1	4337787	Right Wheel Speed Sender	
SW15	See 7.1	4337787	Left Wheel Speed Sender	
SW16	Not Shown	684341	Hydraulic Oil Pressure	Included in Hydraulic Filter
SW16	Not Shown		Deck Offset Switch	Included in Armrest
SW18	See 4.1	4130132	Light Switch	Included in Armrest
SW19	Not Shown	554018	Engine Oil Pressure Switch	Included in Engine
	See 33.1	4381906	MCU Controller	
U2	Not Shown	686089	Cam Sensor	Included in Engine
U3	See 4.1	4150539	Horn	
U13	See 4.1	682592	LDU Display	
U18	See 33.1	4399320	Throttle Controller	
U19	Not Shown		Accessory Port	
ALT I	Not Shown	5000938	Alternator	Included in Engine
★	The wiring for this component is included in the harness, but the component is not used for this mower.			

57.1 Connector Terminal Identification

Mower Harness 4375026



Right LED Work Light (L1)

Left LED Work Light (L2)

5 Gang Mow Solenoid Coil (SOL1)

5 Gang Float Solenoid Coil (SOL2)

5 Gang Lift Solenoid Coil (SOL3)

5 Gang Lower Solenoid Coil (SOL4)

Wing Lift Enable Solenoid Coil (SOL5)*

Right Wing Enable Solenoid Coil (SOL6)*

Left Wing Enable Solenoid Coil (SOL7)*

Wing Mow Enable Solenoid Coil (SOL9)*

Right Wing Mow Solenoid Coil (SOL10)*

Left Wing Mow Solenoid Coil (SOL11)*

Weight Transfer Solenoid Coil (SOL13)

Fan Direction Solenoid Coil (SOL14)

Fan Speed Solenoid Coil (SOL15)

Wing Lower Solenoid Coil (SOL20)*

4WD Valve Solenoid Coil (SOL21)

AWD Valve Solenoid Coil (SOL22)

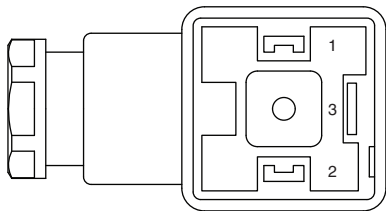
Left Transport Solenoid Coil (SOL23)*

Right Transport Solenoid Coil (SOL24)*

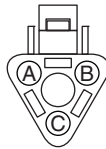
Weight Transfer 2 Solenoid Coil (SOL25)*

Center Proximity Switch (SW3)

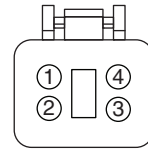
* Not used on this mower



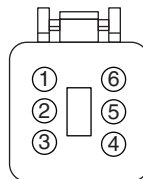
Parking Brake Solenoid (SOL16)



CAN Terminating Resistor (R7)

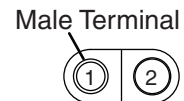


Wheel Sensor Harness (J6)

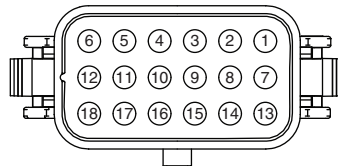


Seat Connector (M3 / SW4)

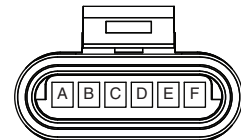
Cab Connector



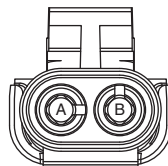
Fuel Sender Pull-Up Resistor (R3)



Armrest Harness (J1)

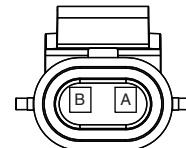


Traction Pedal

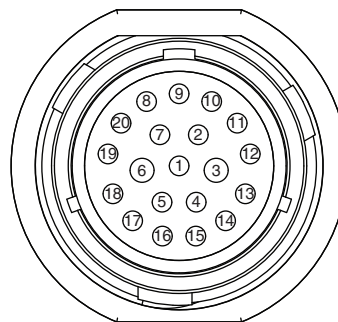


Fuel Pump (M2)

EDC Solenoid (SOL12)



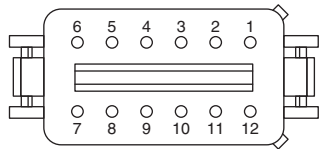
Float Switch (SW11)



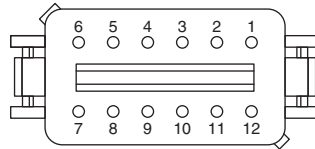
Engine Harness (J2)



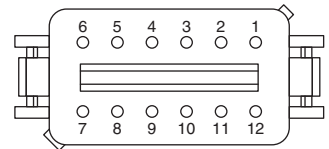
MCU J1 and J4
(Grey)



MCU J2
(Black)



MCU J3 and J6
(Green)



MCU J5
(Brown)

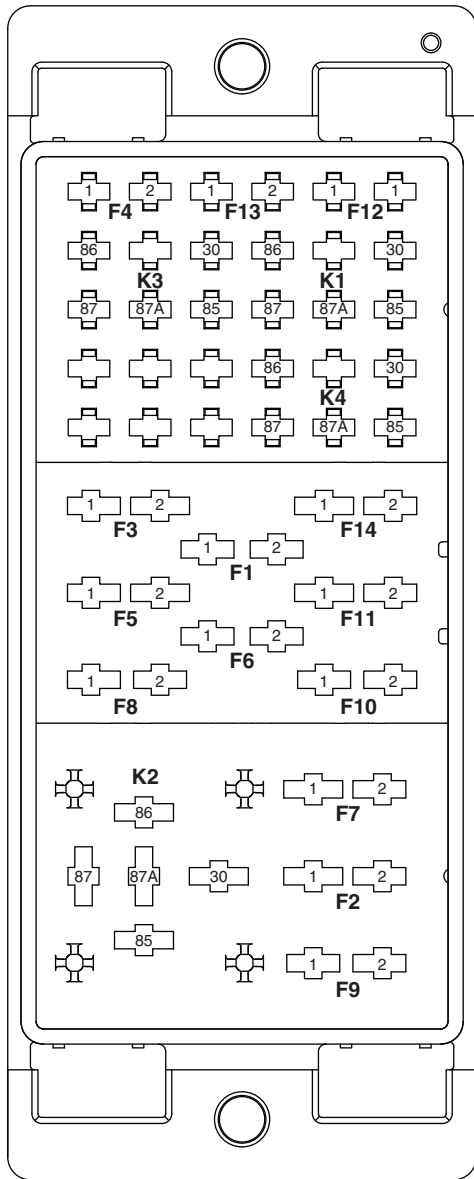
Terminal Identification is from open (Not Wire) end of connector

AR SERIES MOWER

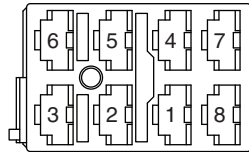
57.1 Connector Terminal Identification

Mower Harness 4375026, Armrest Harness 4340548, Motor Harness 4375029

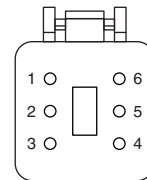
Mower Harness Part Number 4375026 (Continued)



Armrest Harness Part Number 4340548



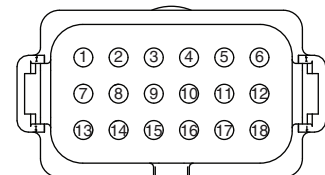
Mow Switch (**SW2**) (Red)
Parking Brake Switch (**SW5**) (Orange)
Light Switch (**SW18**) (Black)
Side Shift Switch (White)*
Weight Transfer Switch (White)*
4WD Switch (Black)*
* Not used on this mower



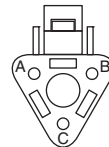
Ignition Switch (**SW1**)
Joystick (**SW3**)



Display (**U2**)

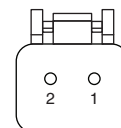


Main Harness (**J1**)

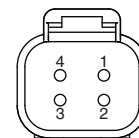


CAN Terminating Resistor (**R8**)

Motor Sensor Harness Part Number 4375029



Left Front Motor Sensor (**SW15**)
Right Front Motor Sensor (**SW14**)

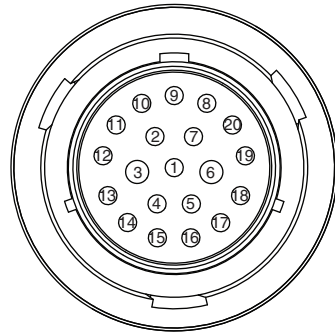


Mower Harness (**J6**)

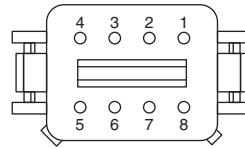
Terminal Identification is from open (Not Wire) end of connector

57.1 Connector Terminal Identification

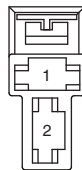
T4I Engine Harness 4375028



Mower Harness (**J2**)



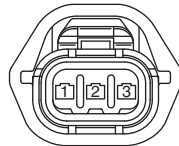
Throttle Controller (**U18**)



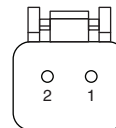
Alternator (**ALT I**)



Starter (**M1**)

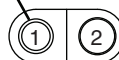


Cam Sensor (**U2**)



Throttle Actuator (**SOL17**)

Male Terminal



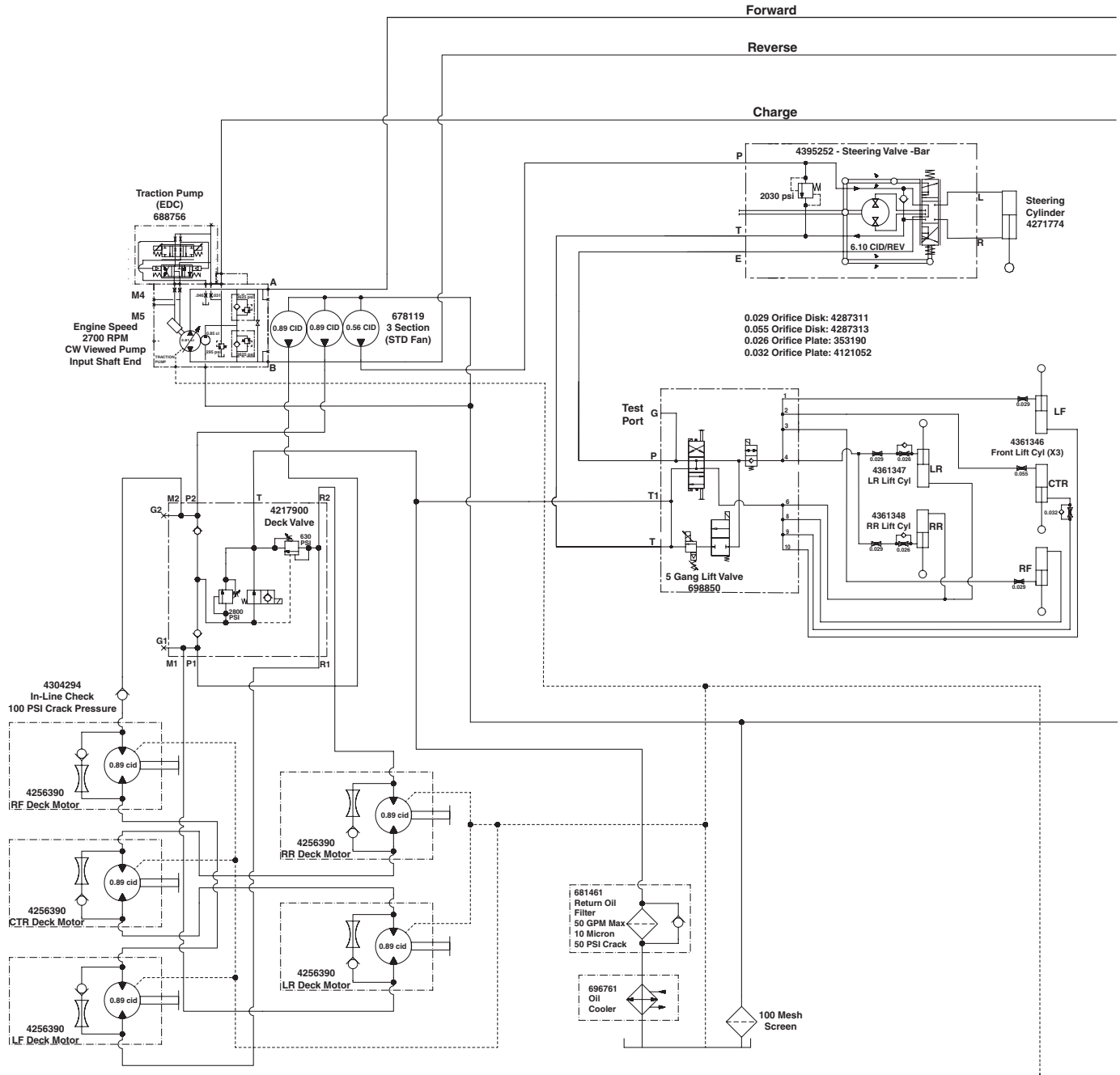
Temp Sender Pull-Up Resistor (**R5**)
5V Sensor Pull-Up Resistor (**R6**)

Terminal Identification is from open (Not Wire) end of connector

58.1 Hydraulic Schematic

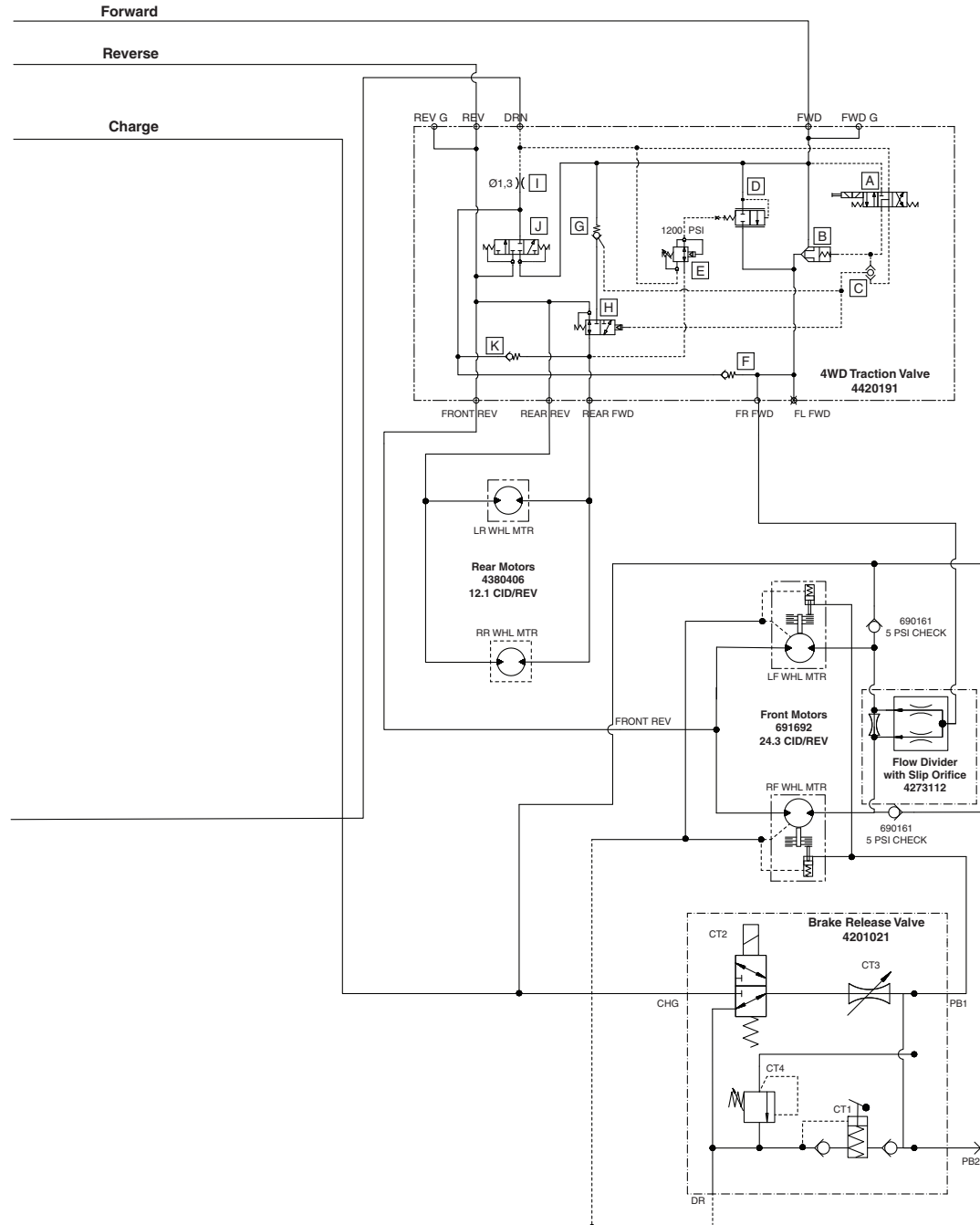
Serial No. All

5 Gang, Standard Fan Hydraulic Schematic



58.1 Hydraulic Schematic

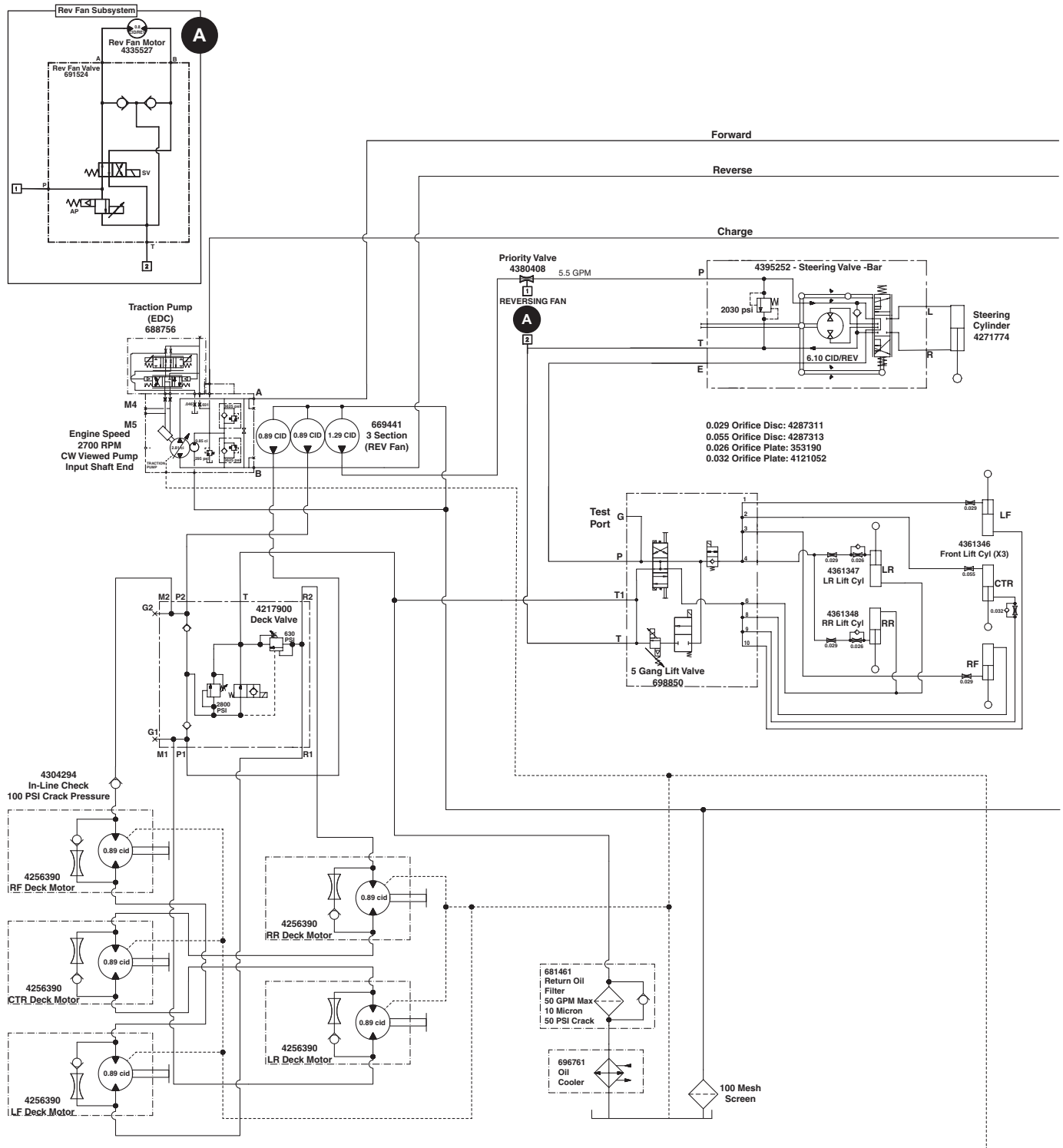
5 Gang, Standard Fan Schematic



59.1 Hydraulic Schematic

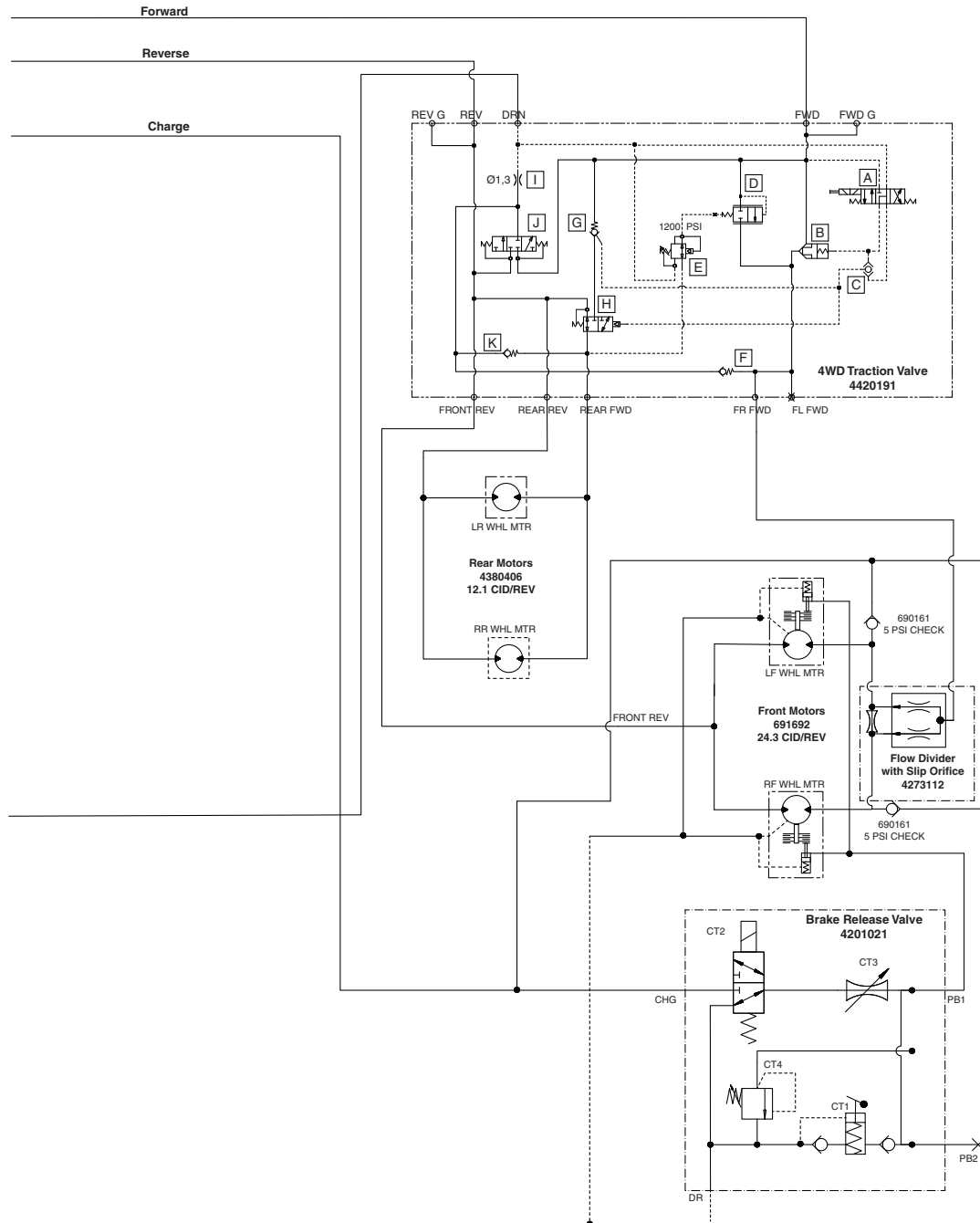
Serial No. All

5 Gang, Reversing Fan Hydraulic Schematic



59.1 Hydraulic Schematic

5 Gang, Reversing Fan Schematic



INDEX

001341110.....	21	10027472G02.....	89	339898.....	63, 65, 105	340215.....	51, 65
001496044.....	5	10027570.....	83	33989939, 47, 49, 53, 55,		340239.....	57, 59, 61, 67
001594200.....	31	10028215.....	37	.....	57, 59, 69	340240.....	63
00379G4.....	39	10028216.....	83	33990043, 45, 47, 59, 63,		340375.....	51
008008460.....	19	10029938.....	89	.....	93, 109	340795.....	5
10001144.....	89	10030417G01.....	77	339901.....	43, 45, 47, 69	353190.....	61
10001745.....	91	10030417G02.....	77	339904.....	43, 45	358623.....	25, 37
10001747.....	91	10031437G01.....	89	33990843, 45, 51, 63, 65,		360111.....	19, 21
10001748....	91, 121, 122	10031437G02.....	89	.....	106	361064.....	37, 41, 49, 51
10001749.....	91	10031675.....	43	33990943, 45, 47, 51, 57,		361117.....	37
10005569.....	17	10032981.....	21	....	59, 61, 65, 67,	361451.....	21
10005669.....	17	108003.....	21	69, ...	93	361723.....	77
10007567.....	37	120166.....	33, 35	33991043, 45, 51, 63, 65,		361748.....	37
10009519.....	5	1393820.....	21	.....	69	362263.....	31
10010180.....	21	162236.....	23	33991149, 53, 55, 57, 59,		362743.....	109
10010201.....	89	163425.....	77	.....	69	363030.....	51, 91, 93
10010526.....	31	20271G1.....	77, 81	339912.....	47	363485 31, 75, 77, 79, 81	
10010638.....	75	2036070.....	21	33991343, 45, 47, 51, 65,		363539.....	75
10011233.....	19	2037061.....	21	.....	67, 69	363586.....	23
10012597.....	57	2198112.....	5	339914.....	69	363958.....	37
10014880.....	75	2208058.....	7, 9	339920.....	63	364190.....	15, 61
10014892.....	75	2208073.....	37, 121	339921.....	65	364221.....	57, 59, 61
10014897.....	75	2501172.....	37	339922.....	65, 69	364501.....	31, 121
10014932.....	75	2810647.....	31	339923.....	69	364945.....	93
10023068.....	25	2810702.....	37	339961 51, 57, 59, 61, 65		365398.....	23
10023069.....	29	2811364.....	41	339962.....	63	365466.....	91, 93
10023598.....	77	2811365.....	41	339963.....	53	365979.....	73
10023600.....	29	2812075.....	39, 43, 45	339964.....	47	366424.....	41
10023601.....	29	3001296.....	43, 45	339972.....	65	366827.....	9
10023611.....	5	3002195.....	23	339979.....	51, 61, 65	367028.....	41, 67
10023700.....	75	3002397.....	39	339980.....	65	400096.....	31
10023701.....	29	3003110.....	49, 61, 79	339981.....	57, 59	400194.....	21
10023708.....	29	3003474.....	13	339983.....	63	400366.....	69, 79
10023712G01.....	75	3003475.....	13	339984.....	63	400370.....	7
10023712G02.....	75	3003928.....	7	339985.....	69	400374.....	9
10023719.....	75	3006233.....	73	339989.....	49, 53, 57, 59	400406.....	33, 35
10024093.....	77	3007558.....	63, 79	339990.....	59	400410.....	83
10024694.....	75	3007764.....	83	339993.....	47	400414.....	21
10024697.....	75	3008388.....	83	339994.....	47	400424.....	77
10024777.....	75	3008392.....	61	339999.....	47, 69	400426.....	77
10024796.....	75	3008673.....	43, 45, 69	340015.....	69	403756.....	41
10025664.....	87	3009272....	57, 59, 61, 79	340016.....	47	403908.....	37
10025681.....	87	3010198.....	93	340033.....	53	403910.....	37
10025682.....	87	3010199.....	51, 96, 105	340039.....	43, 45, 47	404022.....	15
10025693G01.....	87	3010202.....	93	340059.....	93	409812.....	7
10025693G02.....	87	302405.....	77	340061.....	51, 61, 65	4111408.....	5
10025700.....	87	303567.....	25	340064.....	59	4113986.....	31
10025701.....	87	303629.....	75, 79	340066.....	63	4115706.....	99
10025737.....	77	326112.....	25	340068.....	63	4117468.....	15, 17
10025769.....	89	337229.....	23	340070.....	49, 53	4118558.....	7, 9
10027342.....	89	337317.....	61	340077.....	47, 69	4121828.....	21
10027343.....	89	339896.....	55, 65, 91, 93,	340093.....	69	4121829.....	21
10027344.....	89	.....	109	340169.....	53	4121986.....	21
10027408G01.....	89	33989751, 61, 63, 65, 91,		340170.....	47	4123723.....	15
10027408G02.....	89	.....	93, 96, 105, 109,	340191.....	65	4124204.....	21
10027472G01.....	89	.....	113	340193.....	53	4125831.....	75, 122

INDEX

4128084.....	23	4198229.....	121	4289844.....	121	4357086.....	15
4129718.....	11, 71, 121	4198282.....	41	4290681.....	83	4357946.....	17
4130132.....	11, 122	4199140.....	15, 69	4294518.....	15	4358746.....	15
4133818.....	23	4200322.....	21	4297133.....	37	4358747.....	15
4133820.....	23	4201021.....	41, 51	4304294.....	55	4360546.....	13
4133821.....	23	4203220.....	7, 11	4311249.....	85	4361346.....	61, 75
4134436.....	23	4216684.....	93	4312212.....	71, 121	4361347.....	61, 79
4134530.....	105, 121	4217900.....	41, 53, 69	4312215.....	71, 121	4361348.....	61, 79
4134588.....	109	4222229.....	7	4312406.....	5	4361966.....	73
4134589.....	109	4223600.....	105	4314186.....	73	4362222.....	57, 59
4134590.....	109	4223620.....	105	4314667.....	73	4362223.....	57, 59
4134592.....	111	4223621.....	105	4316368.....	71	4362226.....	69
4134595.....	111	4223640.....	105	4316369.....	71	4362227.....	69
4134597.....	111	4224121.....	109	4316948.....	39, 122	4362228.....	67, 69
4134606.....	111	4236061.....	21	4320687.....	13	4362230.....	69
4134607.....	111	4238282.....	19	4322946.....	21	4362231.....	61
4134608.....	111	4241042.....	7, 9, 37	4323221.....	37, 71	4362232.....	61
4134610.....	111	4245850.....	81	4323427.....	11, 122	4362235.....	61
4134612.....	109	4256390.....	53, 65, 83	4324089.....	17	4362236.....	61
4134614.....	111	4257812.....	7, 9	4325666.....	5	4362238.....	37
4134618.....	111	4259424.....	94	4326710.....	15	4362332.....	75, 79
4134619.....	109	4263953.....	95	4326718.....	15	4362334.....	79
4134620.....	113	4270219.....	103	4333427.....	5	4363608.....	31
4134668.....	109	4271132.....	73	4333749.....	29	4363847.....	17
4136829.....	99	4271774.....	21, 57, 59, 106	4335527.....	29, 63, 65	4363848.....	17
4137139.....	107	4272290.....	121	4337263.....	87	4363926.....	31
4138103.....	37	4273112.....	41, 47	4337787.....	19, 122	4364267.....	15
4138107.....	37	4273511.....	19	4340548.....	11	4364506.....	15
4138359.....	25, 29	4273519.....	19	4343926.....	11, 122	4364526.....	7, 9
4138648.....	73	4274170.....	19	4351366.....	31, 33, 35	4364886.....	17
4139434.....	7	4274171.....	19	4354683.....	65	4364887.....	5
4139450.....	7, 122	4274172.....	19	4354772.....	5	4365317.....	21
4139764.....	11, 19, 122	4274173.....	19	4354773.....	5	4365318.....	21
4141785.....	96	4274174.....	19	4354781.....	96	4365726.....	21
4141786.....	96	4274175.....	19	4354786.....	96, 122	4365786.....	15
4141925.....	21	4274176.....	19	4354790.....	96	4365791.....	57, 59
4150539.....	11, 122	4274177.....	19	4355106.....	19	4365827.....	57, 59
4153197.....	25	4276851.....	21, 57, 59, 106	4355108.....	19	4365829.....	61
4167640.....	11, 37, 41, 71	4278451.....	103	4355109.....	21	4365848.....	61
4168640.....	73	4280110.....	83	4355111.....	21	4366326.....	9
4171444.....	94, 122	4280171.....	37	4355172.....	15	4366466.....	15
4177480.....	37	4280351.....	103	4355173.....	15	4366467.....	15
4181861.....	25	4280751.....	94	4355174.....	15	4366470.....	15
4181862.....	25	4280752.....	94	4355483.....	15	4366471.....	15
4181864.....	73	4280951.....	7	4355484.....	15	4366618.....	61
4186861.....	77	4282178.....	17	4355591.....	31, 37	4366696.....	39, 43, 45, 69
4189840.....	11	4283269.....	11, 122	4355763.....	57, 59	4366705.....	41
4189841.....	11	4283331.....	95	4355764.....	57, 59	4366736.....	11
4189842.....	11	4283652.....	11	4355773.....	59	4367306.....	11
4189940.....	23	4283653.....	11	4356027.....	37	4369147.....	94
4193341.....	7, 11	4283654.....	11	4356268.....	7, 9	4369158.....	93
4193344.....	7	4286053.....	111	4356425.....	13	4369350.....	94
4193880.....	71, 121	4286054.....	111	4356426.....	13	4370047.....	11
4194260.....	15	4287173.....	87	4356790.....	13	4370126.....	39
4197940.....	57, 59	4287314.....	61	4356912.....	61	4370586.....	19
4198040.....	31	4289829.....	31	4356986.....	57, 59	4370626.....	11

INDEX

4371046.....	61	4379966.....	51	4394168.....	39, 43, 45	450051.....	87
4371206.....	61	4380009.....	17	4394246.....	45	450104.....	87
4371946.....	31	4380046.....	41	4394257.....	69	450135.....	5
4372047.....	21	4380066.....	25	4394259.....	69	450169.....	29
4372307.....	9	4380166.....	57	4394426.....	43, 45	450190.....	9, 37, 39
4372526.....	23	4380246.....	57	4394613.....	87	450190284.....	77
4373386.....	23	4380249.....	65	4395252.....	41, 57, 59	450191.....	73
4373387.....	23	4380266.....	51	4395826.....	5	450192.....	87
4373407.....	7, 9	4380269.....	65	4397006.....	103	450212.....	81
4373926.....	23	4380286.....	49	4397046.....	19	450213.....	29
4374326.....	11	4380290.....	65	4397649.....	31	450215.....	89
4374427.....	57, 59	4380306.....	47	4397650.....	31	450216.....	83
4374506.....	11	4380308.....	47	4398886.....	41	450321.....	11
4375026.....	71	4380309.....	47	4399068.....	53	450324.....	21, 75, 77
4375028.....	71	4380313.....	49	4399069.....	53	450325.....	75, 77, 79, 81
4375029.....	71	4380314.....	73	4399070.....	53	450326.....	19, 75, 77
4375066.....	37	4380316.....	49	4399071.....	65	450327.....	15
4375126.....	71	4380317.....	49	4399072.....	65	450357.....	7, 11
4375369.....	15	4380318.....	19	4399187.....	53	450358.....	17, 79
4375388.....	5	4380406.....	49	4399188.....	53	450359.....	7, 9, 15
4375389.....	5	4380408.....	41, 59, 63	4399320.....	73, 122	450378 ..	7, 9, 77, 81, 87
4375543.....	94	4380486.....	43, 45, 51, 65	4399466.....	103	450379.....	83, 87
4375544.....	94	4380808.....	65	4399550.....	69	450380.....	87
4375546.....	94	4380809.....	65	4399752.....	15	450383.....	87
4375547.....	94	4380810.....	65	4399753.....	15	450387.....	5, 11
4375549.....	96	4380811.....	65	4400293.....	9, 122	450390.....	73, 77, 81, 87
4375556.....	79	4380812.....	53	440088.....	21	450391.....	31, 83, 87
4375586.....	103	4380817.....	53	4420191 ..	41, 47, 49, 65	450392.....	31, 87
4376007.....	37	4380820.....	19	4420203.....	43, 45	450393.....	87
4376327.....	21	4380821.....	63, 69	4420272.....	41	450394.....	87
4376386.....	21	4380822.....	65	4420514.....	83	450400.....	7, 9, 37, 39
4376586.....	25	4381190.....	59	4420535.....	87	450401.....	7, 9
4377246.....	25	4381266.....	49	4420537.....	87	450408.....	11
4377266.....	15	4381366.....	19	4420538.....	89	450410.....	27, 41
4377326.....	25	4381367.....	41	4420576.....	87, 89	450411.....	23, 73, 87
4377388.....	41	4381826.....	15	4420589.....	87	450412.....	41, 81, 83
4377389.....	51	4381906.....	73, 122	4420661.....	73	450421.....	79
4377390.....	51	4382209.....	11	4421095.....	5	450422 ..	9, 21, 27, 29, 37, 39, ...
4377391.....	65	4382341.....	69	443110.....	77	.....	75, 77
4377628.....	41	4382572.....	5	443120.....	89	45042431, 33, 35, 73, 75,	.....
4377630.....	19	4382766.....	23	444302.....	75	.....	77
4377994.....	23	4384046.....	23	444718.....	21	450425.....	15
4377999.....	81	4384186.....	23	444778.....	29	450452 ..	5, 11, 13, 25, 49, 61, ...
4378026.....	39	4384286.....	17	444808.....	23	.....	73, 75, 79
4378046.....	73	4384906.....	5	445245.....	15	4504535, 7, 9, 11, 13, 15,	.....
4378387.....	27	4386607.....	17	445666.....	21	.....	17, 19, 23, 25,
4378507.....	37	4386749G001.....	25	445806.....	89	.....	27, ...
4378508.....	37	4386749G003.....	5	446142.....	77	.....	29, 37, 39,
4378510.....	27	4386791.....	5	446146.....	9	.....	41, ...
4379208.....	25	4386983.....	87	446148.....	7, 29	.....	43, 45, 57,
4379446.....	23	4391092.....	73	446154.....	19, 21	.....	69, ...
4379506.....	39	4393215.....	31, 122	447006.....	37	450454 ..	71, 73
4379607.....	25	4393386.....	27	450008.....	79	.....	9, 15, 17, 23, 25,
4379806.....	25	4393915.....	7	450020338.....	41, 103	.....	31, 37, 41, 75, 79
4379886.....	71, 121	4393916.....	7	450029.....	87	450455.....	15, 17, 31, 79
4379946.....	51	4394167.....	43, 45	450031.....	83	450464.....	25, 41
						450465.....	37, 49, 75
						450470.....	41
						450471 ..	7, 9, 11, 13, 15,

INDEX

17, ... 23, 25, 29, 37, ... 41, 43, 45, 71, ... 73	45047215, 19, 21, 37, 41, ... 75, 77	450474 17	450477 21, 83	450479.9, 15, 17, 23, 25, 31	45048015, 17, 21, 37, 75, ... 77, 79	450483 15, 17, 19	450488 15	450516 11	450519 5, 73	450541 7, 11	450543 5	450553 83	450597 5	450620 5	450712 41	450724 87	450739 41	450745 87	450758 33, 35	451500 87	452004 7	452050 75, 79	452381 49	452383 27	452388 27, 29, 57	452389 25, 27, 29	452390 39	452391 29, 39	452393 69	452394 41	452395 41	452401 79	452404 81	452405 79	452411 75, 77	452413 79	452435 5	452436 83, 89	452542 5, 13	452585 89	452586 83, 87	452587 89	452589 89	452717 5, 73	453011 77, 89	456800237 21	458004 75, 77, 79, 81	460032 21	460050 87	463009 29	469016509 15, 49	47121421, 75, 77, 79, 81, ... 107	471221 75	471238 75	472205 23	48228-1A 77	48540-01 25, 37	5000049 105	5000938 122	5001065 95	5002912 105	5003034 109, 111, 113	5003278 71, 121	5003280 71, 121	5003281 71, 121	5003282 71, 121	5003283 71, 121	5003286 71, 121	5003373 23	5003374 37	5003433 111	5003434 109	5003554 105	5003579 105	548804 29	548910 15	552824 77	554018 122	554779 21	554780 21	555771 41, 69	557447 33, 35	557523 99	557844 15	601327 71	604087 75	606265 71	613149 75	62464-4A 21	630762 75, 79	64163-07 75	64164-27 83	64189-8A 19	669133 87	669441 35, 45, 53, 59	669445 11	669534 87	669573 75	669638 83	669959 79	669960 79	670061 83	670114 17	672316 11	674106 11	674211 83	674931 87	675011 31, 81	675163 85	676387 87	676441 63	676444 67	676445 63	676711 41	677721 43, 45	677727 43, 45	677892 51	677934 43, 45	677940 51	677984 47	677989 53	678041 53	678042 53	678043 81	678112 63	678113 63	678119 33, 43, 53, 57	678265 55, 122	678285 81	679070 71	679113 53	679392 17	679426 43, 45	680538 75	680635 79	680708 27	680990 121	681078 75, 77, 79, 81	681393 53	681461 41, 69	681462 41	681526 11	681982 31	682107 31	682108 31, 33, 35	682213 15	682265 75, 77, 79, 81	682327 7, 9	682395 7, 9	682592 11, 122	682721 47	682979 47, 51	682980 47, 51	682982 47	682993 47	683805 7	684143 95	684341 41, 122	685524G001 43, 45	685524G002 69	685524G003 43, 45	685524G004 43, 45	685766 91	685875 23	686089 122	686228 73, 121	686396 55	686404 53	686584 117	686585 115	686723 51	686910 91	686912 93	686913 93	686914 93	686915 93	686916 93	686917 93	686922 93	686923 93	686924 93	686925 93	686926 93, 122	686927 93	686928 93	686929 93	686930 91	686931 91	686934 91	686937 91, 121	686939 91	687001 53	687007 53	687166 93	687167 93	687168 93	687169 93	687170 93	687171 93	687172 93	687173 93	687174 93	687283 55, 77	687285 53	68875633, 35, 43, 45, 47, ... 51	689265G01 87	689265G02 87	689737 77	689903 87	690006 77, 81, 87	690008G01 83, 85	690008G02 85	690096 61	690312 89	690336 77	690363 77, 81
--	---	-----------------	---------------------	---------------------------------	---	-------------------------	-----------------	-----------------	--------------------	--------------------	----------------	-----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------	---------------------	-----------------	----------------	---------------------	-----------------	-----------------	-------------------------	-------------------------	-----------------	---------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	---------------------	-----------------	----------------	---------------------	--------------------	-----------------	---------------------	-----------------	-----------------	--------------------	---------------------	--------------------	-----------------------------	-----------------	-----------------	-----------------	------------------------	--	-----------------	-----------------	-----------------	-------------------	-----------------------	-------------------	-------------------	------------------	-------------------	----------------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	------------------	------------------	-------------------	-------------------	-------------------	-------------------	-----------------	-----------------	-----------------	------------------	-----------------	-----------------	---------------------	---------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-------------------	---------------------	-------------------	-------------------	-------------------	-----------------	-----------------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	---------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	---------------------	---------------------	-----------------	---------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------------------	----------------------	-----------------	-----------------	-----------------	-----------------	---------------------	-----------------	-----------------	-----------------	------------------	-----------------------------	-----------------	---------------------	-----------------	-----------------	-----------------	-----------------	-------------------------	-----------------	-----------------------------	-------------------	-------------------	----------------------	-----------------	---------------------	---------------------	-----------------	-----------------	----------------	-----------------	----------------------	-------------------------	---------------------	-------------------------	-------------------------	-----------------	-----------------	------------------	----------------------	-----------------	-----------------	------------------	------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	----------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	----------------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	---------------------	-----------------	---------------------------------------	--------------------	--------------------	-----------------	-----------------	-------------------------	------------------------	--------------------	-----------------	-----------------	-----------------	---------------------

INDEX

690378.....	83
690383.....	83
690633.....	51
690713G01.....	83
690713G02.....	83
690843G01.....	87
690843G02.....	87
690864.....	51
691023.....	63
691024.....	63
691032.....	65
691049.....	51
691053.....	51
691302.....	67
691410.....	29
691425.....	83
691524.....	41, 63
691527.....	96
691528.....	96
691529.....	96
691530.....	96
691692.....	19, 47, 51, 65
691814.....	96
691815.....	96
692771.....	83
692774.....	83
692775.....	83
692776.....	85
694335.....	89
695412.....	89
695413.....	89
695414.....	89
695415.....	89
695750.....	73
697066.....	29
698850.....	41, 57, 59, 61, 69
800385.....	41
800602.....	77
800859.....	21
800943.....	7
809231.....	37
831225.....	41, 43, 45
843942.....	7, 9
845027.....	15
9114380.....	15
MBA2397A.....	21
MBG6720.....	5
UK450400.....	87



United Kingdom

Ransomes Jacobsen Limited

West Road, Ransomes Europark, Ipswich, IP3 9TT
English Company Registration No. 1070731

T: +44 1473 270000 **W:** www.ransomes.com

Europe office

Ransomes Jacobsen France

3 Chemin des Silos
ZI du Chapitre
31100 Toulouse

T: +33 (0)5 34 47 86 40

North & South America

Jacobsen

1451 Marvin Griffin Road, Augusta,
Georgia 30906 - 3852, USA

W: www.jacobsen.com



1451 Marvin Griffin Road Augusta, Georgia 30906 - 3852, USA