



Parts Manual

AR522™

68131 – AR522-T4I, Kubota® V2403-M-DI, 4WD, with ROPS

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.

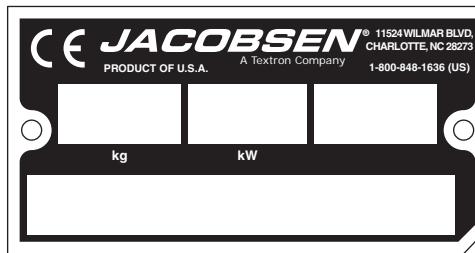
FOREWORD

This manual contains a parts list for your new Jacobsen mower. 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 mower's manual carefully in their 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 rear frame rail. Jacobsen recommends you record these numbers below for easy reference.



Suggested Stocking Guide

To keep your equipment fully operational and productive, Jacobsen suggests you maintain a stock of the more commonly used maintenance items. We have included part numbers for additional support materials and training aids.

To order any of the following material:

1. Write your full name and complete address on your order form.

2. Explain where and how to make shipment:

- UPS Regular Mail
 Overnight 2nd Day

3. Order by the quantity desired, the part number, and the description of the part.

4. Send or bring the order to your authorized Jacobsen Dealer.

Service Parts

Qty.	Part No.	Description	Qty.	Part No.	Description
	4113986	Engine Oil Filter		4283654	Ignition Key
	557619	Engine Fuel Filter Element		4123183	Headlight Bulb
	4133820	Primary Air Cleaner Filter		4163106	Blade, Combination
	4133821	Safety Air Cleaner Filter		4137186	Blade, High Lift
	555771	Hydraulic Filter Element		4124087	Blade, Low Lift
	4289826	Engine Fan Belt			

Service Support Material

Part No.	Description
4273092	Safety, Operation, & Maintenance Manual
4273091	Parts Manual
4273090	DVD, Operator Training
4273093	Diesel Engine Parts Manual

Part No.	Description
TBD	Service Manual

These are the original instructions verified by Jacobsen, A Textron Company.

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Proposition 65 Warning

This product contains or emits chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

1.1	..... Decals.....	4
2.1	..... Hood.....	6
3.1	..... Seat Pan.....	8
4.1	..... Control Panel.....	10
5.1	..... Traction Pedal.....	12
6.1	..... Frame.....	14
7.1	..... Front Axle.....	16
8.1	..... Rear Axle.....	18
9.1	..... Tilt Steering.....	20
10.1	..... Radiator and Air Cleaner.....	22
11.1	..... Engine Mounting.....	24
11.2	..... Engine Mounting.....	26
12.1	..... Pump Mounting and Engine Exhaust.....	28
13.1	..... Fuel and Hydraulic Tanks.....	30
14.1	..... Hydraulic Valves and Filter.....	32
15.1	..... Pump and Return Hydraulics.....	34
16.1	..... Front Traction Hydraulics.....	36
16.2	..... Front Traction Hydraulics.....	38
17.1	..... Rear Traction Hydraulics.....	40
17.2	..... Rear Traction Hydraulics.....	42
18.1	..... Brake Valve Hydraulics.....	44
19.1	..... Traction Drain Hydraulics.....	46
20.1	..... Deck Hydraulics.....	48
21.1	..... Lift Hydraulics.....	50
22.1	..... Steering Hydraulics.....	52
23.1	..... Hydraulic Clamps.....	54
23.2	..... Hydraulic Clamps.....	56
24.1	..... Electrical Harness.....	58
25.1	..... Front Lift Arms.....	60
26.1	..... Rear Lift Arms.....	62
27.1	..... Deck Housing and Caster Wheels.....	64
28.1	..... Deck Frame.....	66
29.1	..... Deck Valve.....	68
30.1	..... Rear Wheel Motor.....	69
31.1	..... Traction Pump (Front Half).....	70
32.1	..... Traction Pump (Rear Half).....	72
33.1	..... Lift Valve.....	74
34.1	..... 4WD Valve.....	75
35.1 Brake Valve.....	76
36.1 Electrical Schematic.....	77
37.1 Hydraulic Schematic.....	80

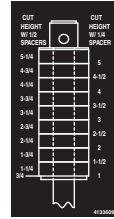
1.1 Decals



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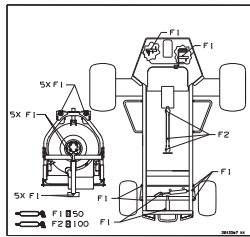
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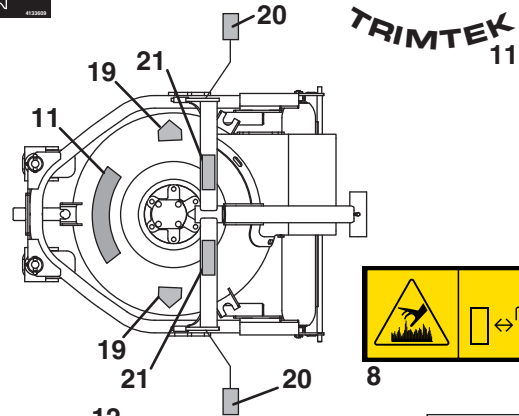
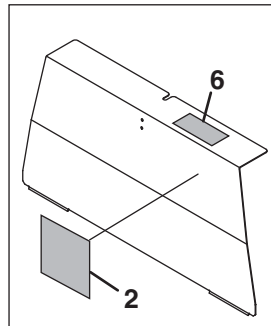
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TRIMTEK
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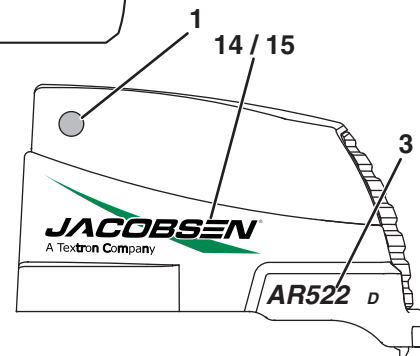
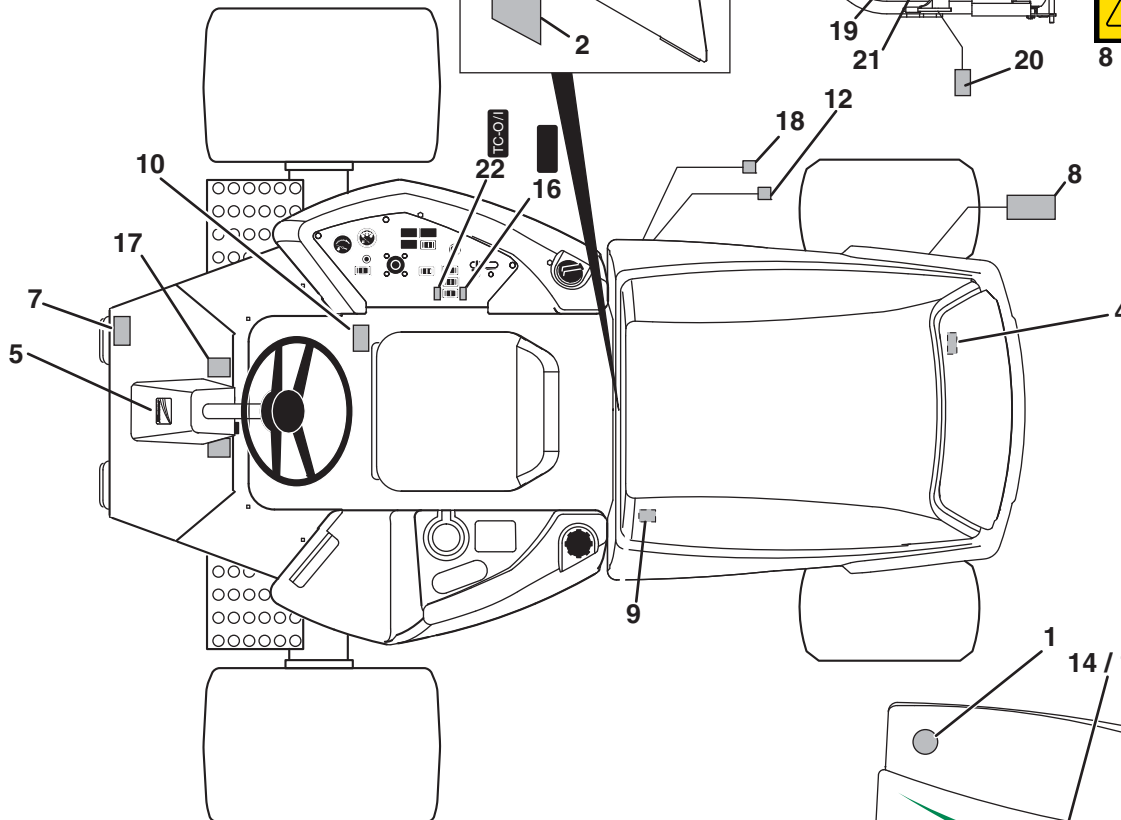
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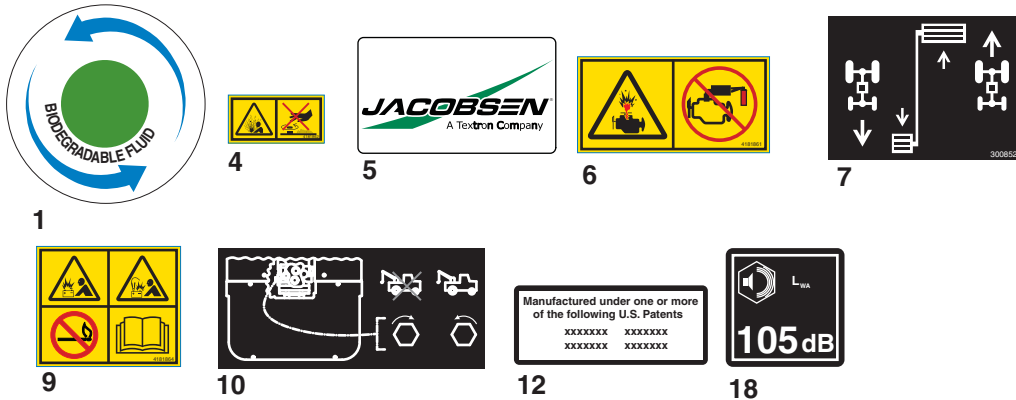
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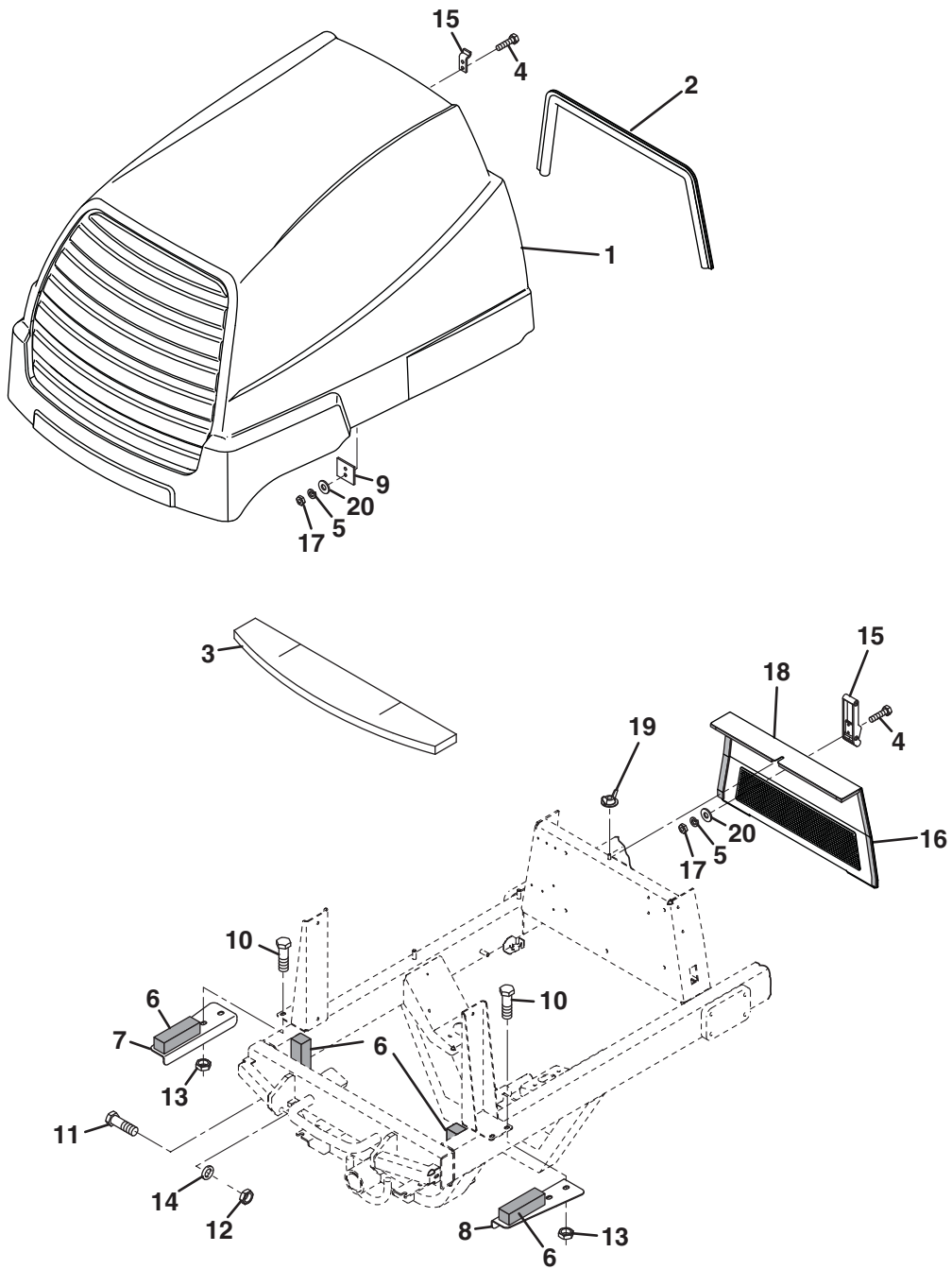
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Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4111408	1	Decal, Bio Fluid	
2	4134631	1	Decal, Service	
3	4285811	2	Decal, AR522 4WD	
4	4181862	1	Decal, Radiator Warning	Located on Radiator
5	4182386	1	Decal, Jacobsen Emblem	
6	4181861	1	Decal, Start Assist Fluids	
7	3008521	1	Decal, Traction Pedal	
8	4199140	1	Decal, Heat Warning	
9	4181864	1	Decal, Battery Danger	
10	3008682	1	Decal, Tow Valve	
11	4179022	5	Decal, Trimtek™	
12	4194327	1	Decal, Patent	
13	5002952	1	Decal, ROPS Seat Belt Warning	Located on ROPS, See 6.1
14	4257474	1	Decal, Left Side Jacobsen	Included with hood
15	4257475	1	Decal, Right Side Jacobsen	Included with hood
16	4131772	1	Decal, Blank	
17	4181865	1	Decal, Warning	
18	4117468	1	Decal, Noise 105 dB	
19	4164381	10	Decal, Danger	2 on each cutting unit
20	4133609	8	Decal, Height of Cut	2 on each cutting unit
21	4181860	5	Decal, Read Manual	
22	4134870	1	Decal, TC-O/I	
23	557844	1	Decal, ROPS Structure Warning	Located on ROPS, See 6.1

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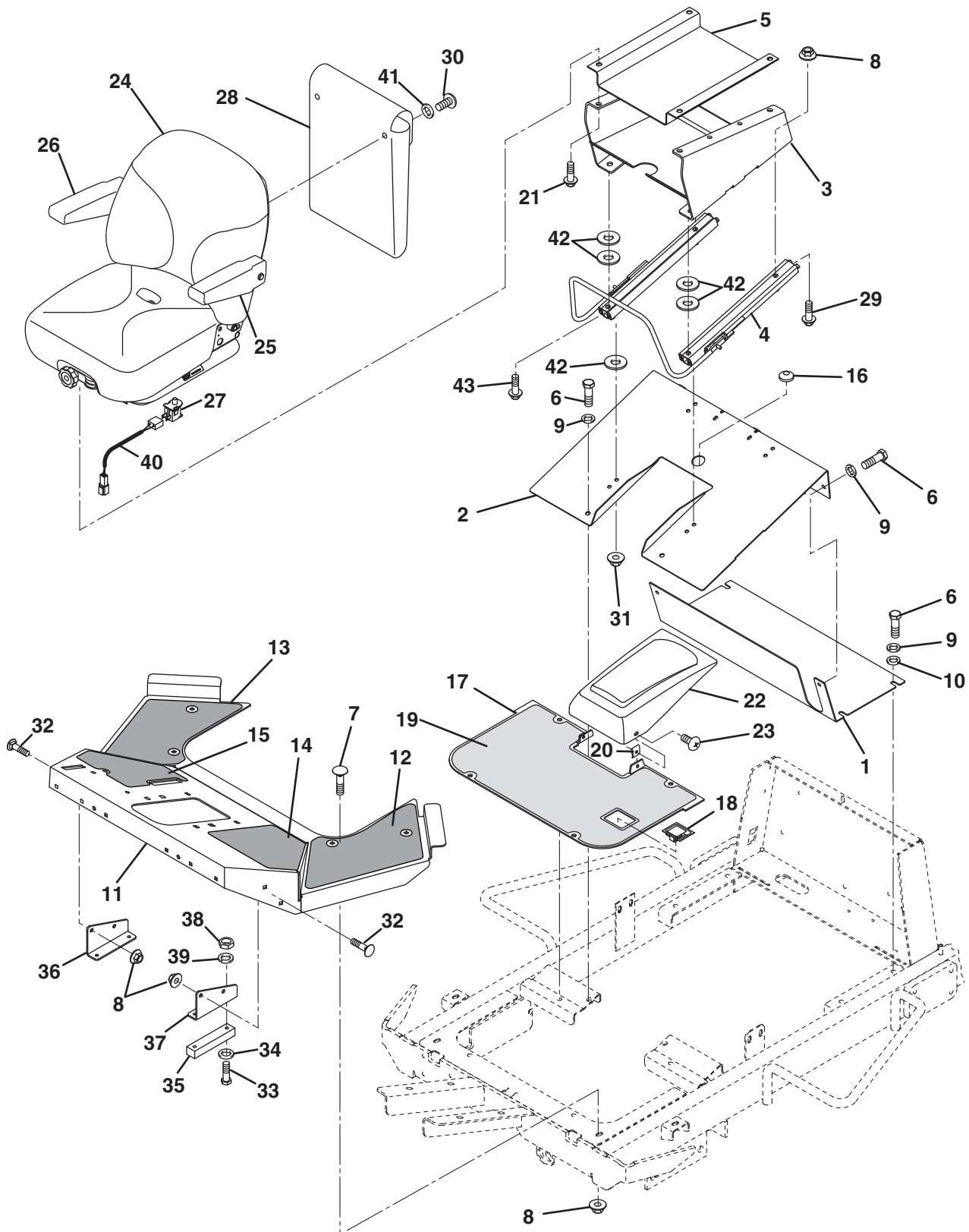
2.1 Hood



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4282174	1	Hood	Includes Decals Cut four 5-1/2" pieces
2	4130360	44"	• Seal, Trim	
3	4196102	1	• Foam, Hood Mount	
4	450152	4	Screw, M5-0.8 x 20 mm Hex Head	
5	446118	4	Lockwasher, #10	
6	4138359	AR	Foam, Sealing	
7	4129679	1	Seal, Left Side Air	
8	4129680	1	Seal, Right Side Air	
9	4212820	1	Backer, Flex Latch Keeper	
10	800794	4	Screw, 5/16-18 x 3/4 Hex Flange	
11	400408	2	Screw, 1/2-13 x 1-1/2" Hex Head	
12	444758	2	Locknut, 1/2-13 Center	
13	800907	4	Nut, 5/16-18 Hex Flange	
14	453017	2	Flat Washer, 1/2	
15	4212423	1	Over Center Latch	
16	3009210	1	Foam (Cut To Length)	
17	450322	4	Nut, M5-0.8 Hex	
18	4278764	1	Cover, Front Mount	
19	3008195	1	Wing Nut, 1/4-20 Steel	
20	306975	4	Flat Washer, #10	

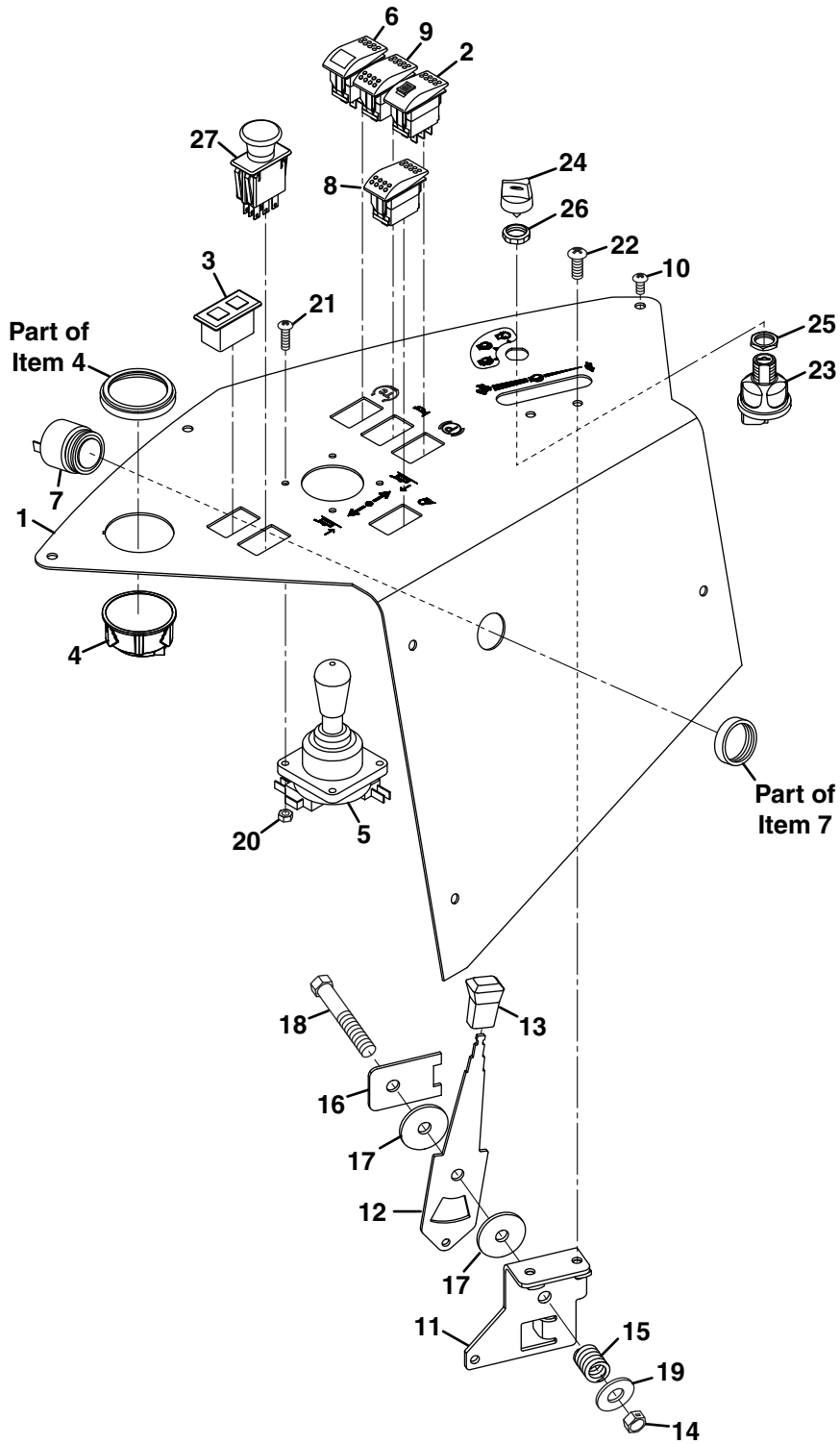
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3.1 Seat Pan Michigan Seat



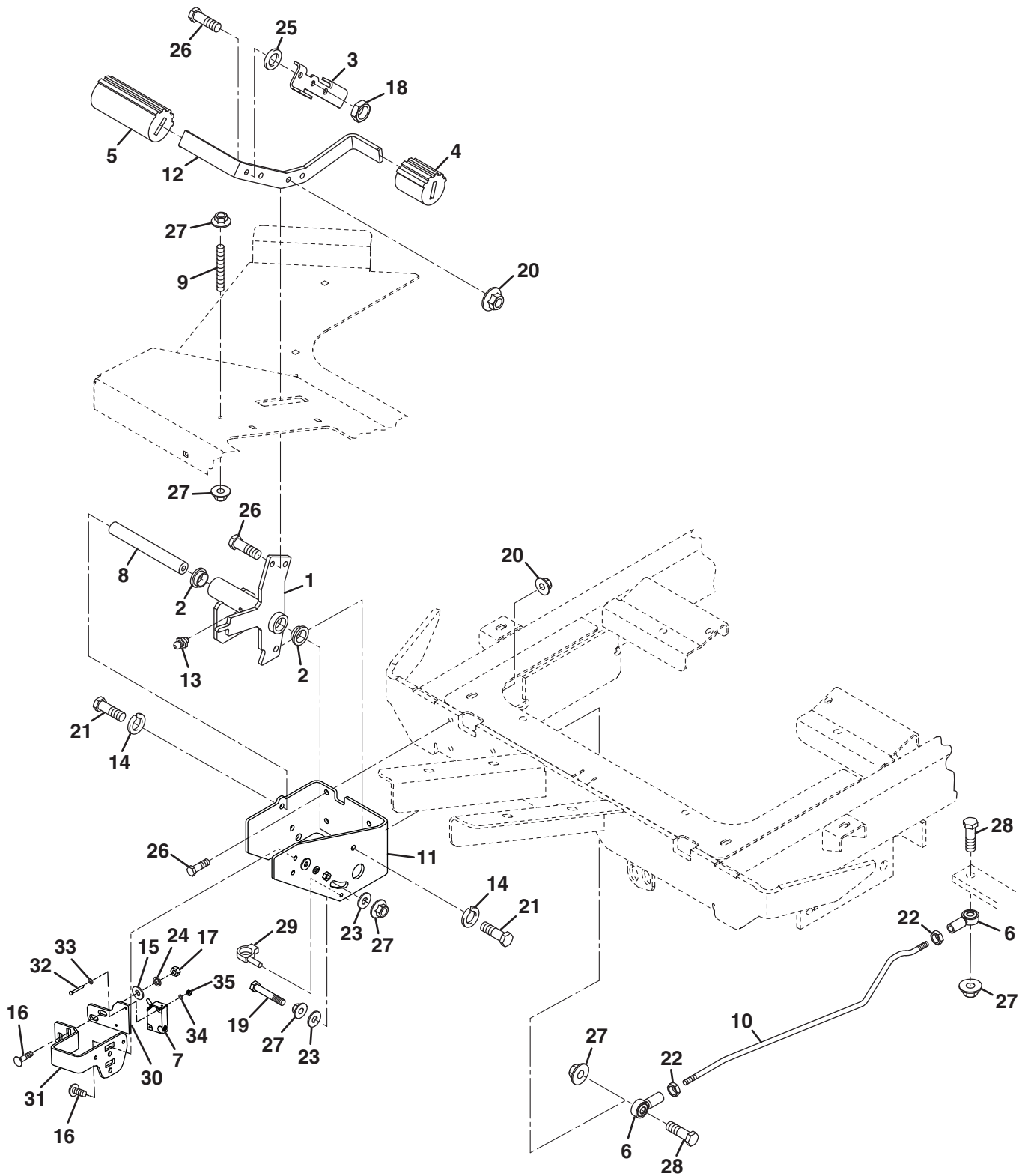
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	1004279	1	Floor Pan	
2	3009292	1	Seat Pan	
3	4139241	1	Support, Seat	
4	4131137	1	Adjuster, Double Latching	
5	4221081	1	Base, Seat	
6	400258	9	Screw, 3/8-16 x 3/4" Hex Head	
7	441602	4	Carriage Bolt, 5/16-18 x 3/4"	
8	445795	17	Nut, 5/16-18 Spirallock Flange	
9	446142	9	Lockwasher, 3/8 Heavy	
10	452008	4	Flat Washer, 3/8	
11	5003162	1	Platform	
12	3007609	1	• Pad, Left Floorboard	
13	3007610	1	• Pad, Right Floorboard	
14	4237183	1	• Pad, Left Foot	
15	4288575	1	• Pad, Right Foot	
16	315387	1	Grommet	
17	4133119	1	Floorboard	
18	4123723	1	• Latch, Panel	
19	4123725	1	• Pad, Center Floorboard	
20	445245	2	• Tinnerman Nut	
21	409812	4	Screw, 5/16-18 x 3/4" Thread Cutting	
22	3008218	1	Cover, Hydro	
23	404016	2	Screw, 1/4-20 x 5/8" Truss Head	
24	4139433	1	Suspension Seat Assembly	
	4139436	1	• Arm Rest Kit	
25	4136923	1	• • Arm Rest, L.H.	
26	4139435	1	• • Arm Rest, R.H.	
	64123-68	4	• • Bolt, 5/16-18 Hex	
27	4136902	1	• Switch, Seat	REFERENCE SW-10, See 36.1
28	3003928	1	Pouch, Literature	
29	403751	2	Screw, 5/16-18 X 3/4" Serr Washer	
30	800943	2	TScrew, #10-16 x 3/4" Plastic	
31	64246-02	4	Nut, M8-1.25 Whizlock Flange	
32	440078	4	Carriage Bolt, 5/16-18 x 1/2"	
33	400112	4	Screw, 1/4-20 x 1" Hex Head	
34	453023	4	Flat Washer, 1/4	
35	4133121	2	Stop, Deck	
36	4132917	1	Bracket, Right Side Deck Stop	
37	4132913	1	Bracket, Left Side Deck Stop	
38	444708	4	Locknut, 1/4-20 Center	
39	446128	4	Lockwasher, 1/4	
40	5003769	1	Seat Switch Harness	
41	452004	2	Flat Washer, 1/4	
42	831053	8	Spacer, Seat	
43	400190	2	Screw, 5/16-18 x 1-1/4" Hex Head	

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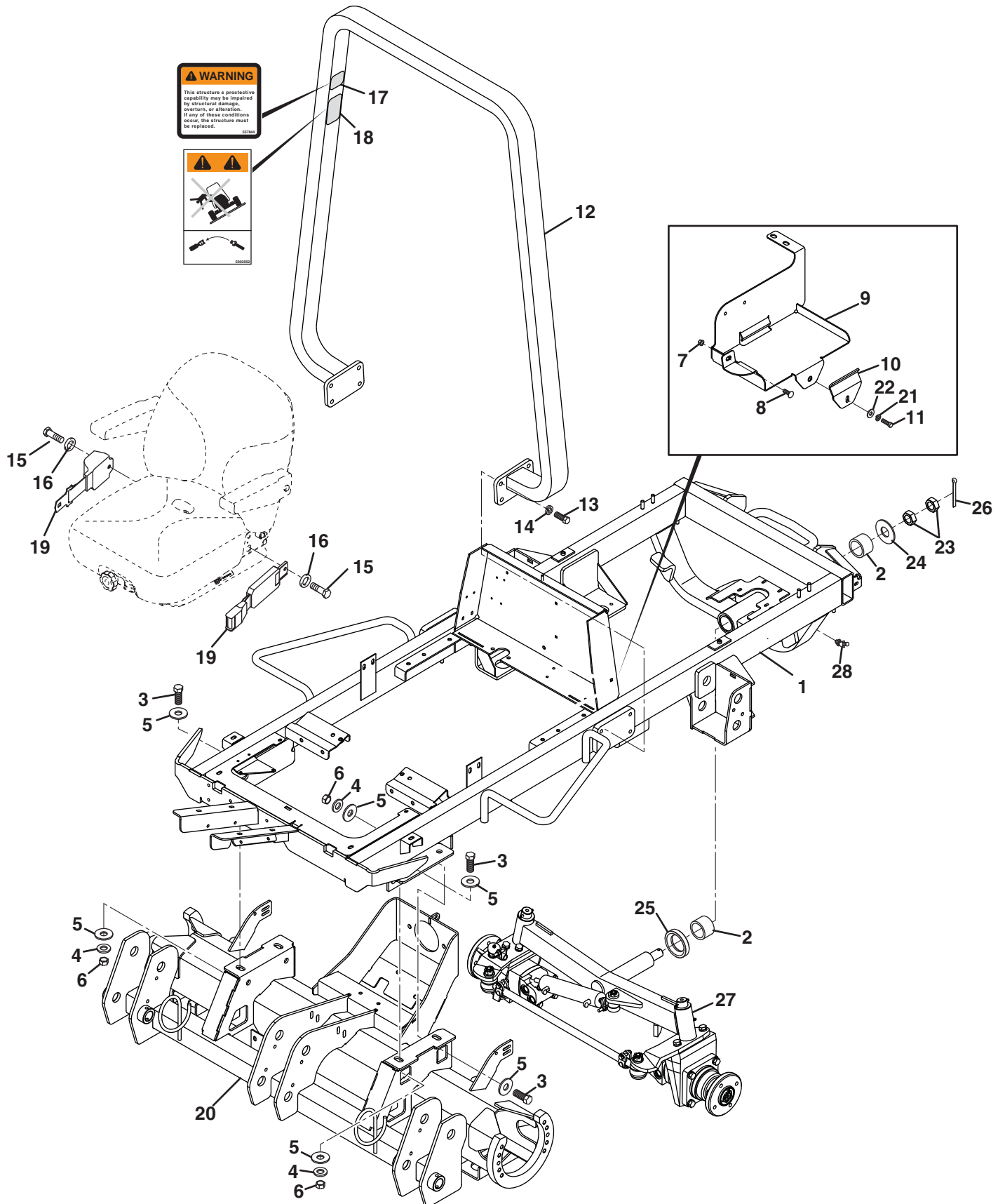
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4277341	1	Instrument Panel	Includes silk screen decals
2	4139764	1	Switch, Parking Brake	REFERENCE SW8, See 36.1
3	4270810	1	Glow Plug Indicator Module	
4	4270811	1	Gauge, Combination	REFERENCE U1, See 36.1
5	1004290	1	Joystick, 1 Axis	REFERENCE SW12, See 36.1
6	4137524	1	Switch, Traction Control	REFERENCE SW5, See 36.1
7	4150539	1	Horn	REFERENCE U2, See 36.1
8	4130132	1	Switch, Light	REFERENCE SW3, See 36.1
9	4130133	1	Switch, Horn	REFERENCE SW5, See 36.1
10	403908	6	Screw, #10-24 x 3/8" Truss Head	
11	1002810	1	Bracket, Throttle	
12	4135758	1	Lever, Throttle	
13	366768	1	Knob	
14	452008	1	Flat Washer, 3/8"	
15	351956	1	Spring, Compression	
16	3006035	1	Plate, Friction	
17	360885	2	Washer, Friction	
18	400272	1	Screw, 3/8-16 x 2-1/4" Hex Head	
19	444762	1	Locknut, 3/8-16 Center	
20	444310	4	Nut, #10-24 Hex	
21	403912	4	Screw, #10-24 x 5/8" Truss Head	
22	404016	2	Screw, 1/4-20 x 5/8" Truss Head	
23	4283269	1	Switch Assembly, Key	REFERENCE SW2, See 36.1
24	4283654	1	• Key	
25	4283653	1	• Nut, Switch Backing	
26	4283652	1	• Nut, Black Nylon	
27	4174684	1	Switch, PTO	REFERENCE SW11, See 36.1
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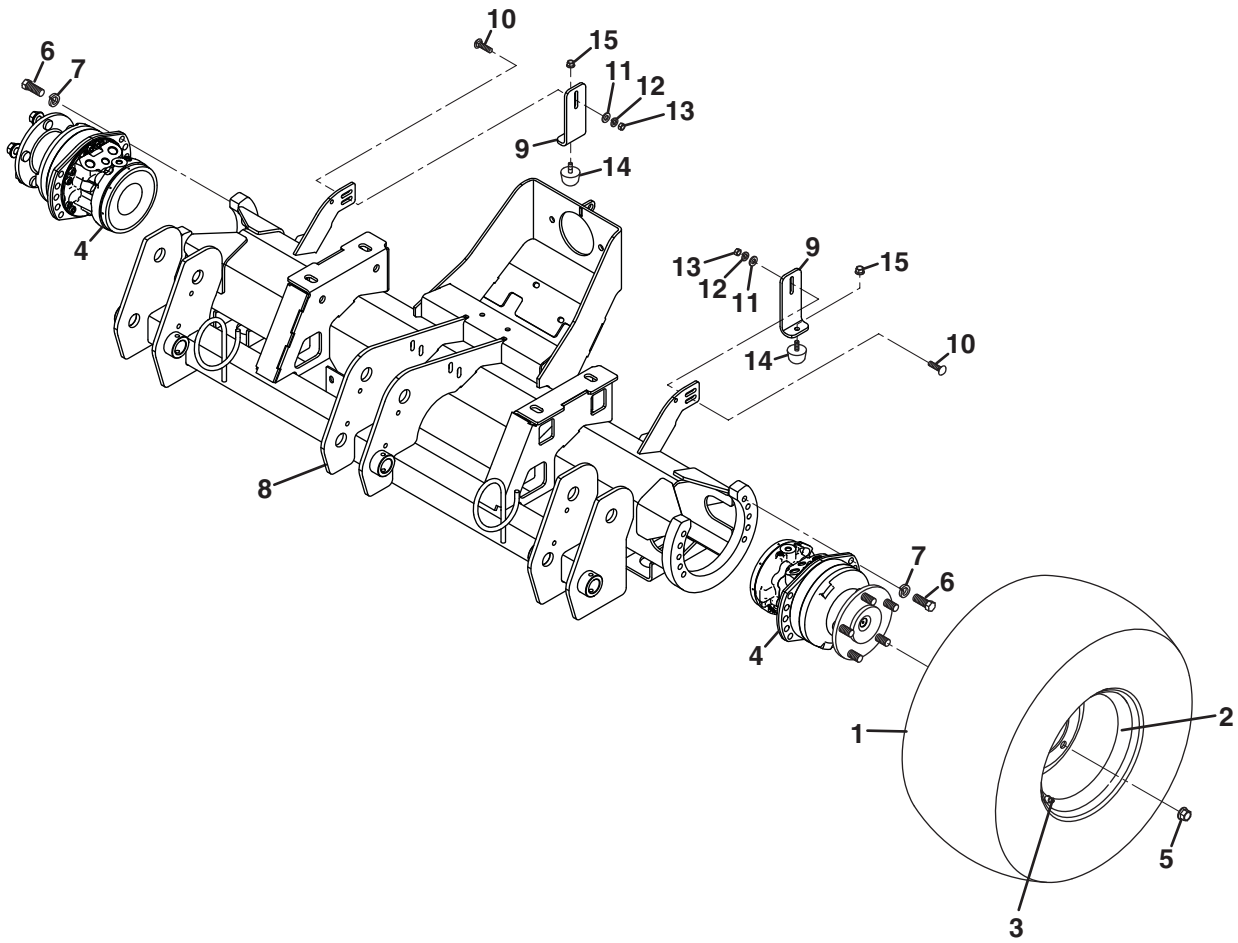
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	1003288	1	Treadle Pivot	REFERENCE SW7, See 36.1
2	352726	2	• Bushing	
3	3007230	1	Stop, Mow Speed	
4	3003474	1	Grip, Pedal	
5	3003475	1	Grip, Pedal	
6	366974	2	Rod End	
7	4125831	1	Switch, Proximity	
8	3006327	1	Shaft, Turn Assist	
9	333542	1	Tie Stud	
10	4270174	1	Rod, Hydro	
11	4176562	1	Bracket, Hydro Mount	
12	4132912	1	Pedal, Hydro	
13	471214	1	Fitting, Grease	
14	446136	2	Lockwasher, 5/16 Heavy	
15	452004	4	Flat Washer, 1/4	
16	440042	4	Bolt, Carriage 1/4 - 20 UNC x 3/4	
17	443102	4	Nut, 1/4 - 20 Hex Head	
18	444718	1	Locknut, 5/16-18 Center	
19	400272	1	Screw, 3/8-16 x 2-1/4" Hex Head	
20	445795	6	Nut, 5/16-18 Spirallock Flange	
21	400182	2	Screw, 5/16-18 x 5/8" Hex Head	
22	443112	2	Nut, 3/8-24 Hex	
23	452008	2	Flat Washer, 3/8	
24	446128	4	Lockwasher, 1/4	
25	3002695	1	Washer	
26	400188	7	Screw, 5/16-18 x 1" Hex Head	
27	445796	6	Nut, 3/8-16 Spirallock Flange	
28	400264	2	Screw, 3/8-16 x 1-1/4" Hex Head	
29	3008383	1	Clip, Wire Harness	
30	4176580	1	Plate, Proximity Switch Mount	
31	4182392	1	Bracket, Neutral Switch	
32	800440	2	Screw, #4-40 x 1	
33	308404	2	Flat Washer, .12 .25 .02 YS	
34	446102	2	Washer, Lock #4 Reg.	
35	444302	1	Nut, #4 - 40 Hex	

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Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4169363	1	Frame	
2	366871	2	• Bushing	
3	4113047	6	Screw, 5/8-18 x 1-1/2" Hex Head	Grade 8 Bolt
4	4140094	6	Flat Washer, 5/8	
5	452016	12	Flat Washer, 5/8	
6	443128	6	Nut, 5/8-18 Hex	
7	445795	1	Nut, 5/16-18 Spirallock Flange	
8	441602	1	Bolt, 5/16-18 x 3/4" Carriage	
9	4193161	1	Battery Tray	
10	4192520	1	Clamp, Battery	
11	400188	1	Screw, 5/16-18 x 1" Hex Head	
12	67844	1	ROPS Assembly	
13	5000465	8	• Screw, 1/2-13 x 1-1/4" Hex GR 8	
14	446154	8	• Lockwasher, 1/2 Heavy	
15	400370	2	• Screw, 7/16-20 x 1" Hex Head	Grade 8
16	446148	2	• Lockwasher	
17	557844	1	• Decal, ROPS Structure Warning	
18	5002952	1	• Decal, ROPS Seat Belt Warning	
19	4257812	1	• Seat Belt Kit	
20	REF	1	Front Axle	See 7.1
21	446134	1	Lockwasher, 5/16	
22	452006	1	Flat Washer, 5/16	
23	443840	2	Nut, 1-12 Hex Jam	
24	452022	1	Flat Washer, 1	
25	366789	1	Spacer, Axle	
26	460064	1	Cotter Pin, 1/4 x 1-1/2"	
27	REF	1	Rear Axle	See 8.1
28	471227	1	45° Grease Fitting	

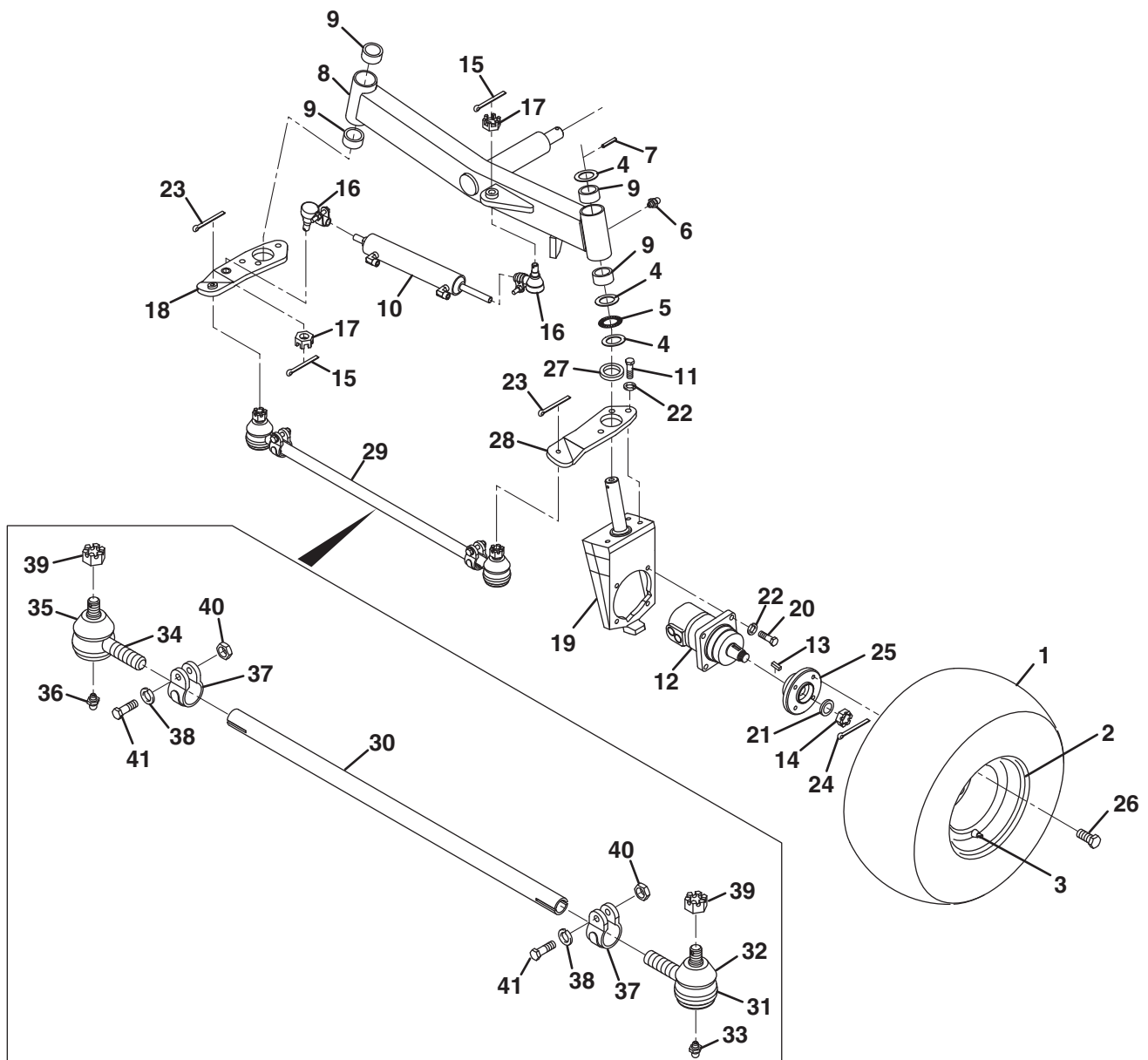
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Item	Part No.	Qty.	Description	Serial Numbers/Notes
	4274830	1	Wheel and Tire Assembly	
1	4238282	1	• Tire, 26.5 x 14-12	
2	4251534	1	• Rim, 12 x 10.5	
3	360111	1	• Valve, Inflation	
4	4265651	2	Wheel Motor	
	4274170	1	• Complete Seal Kit	
	4274171	1	• Brake Seal Kit	
	4274172	1	• Kit, Brake	
	4274173	1	• Kit, Brake Disc	
	4274174	1	• Bearing, Taper-In	
	4274175	1	• Bearing, Taper-Out	
	4274176	1	• Bearing Support Seal Kit	
	4274177	1	• Cam Ring	
5	008008460	5	• Nut, M14-1.5 x 34 mm Wheel	
6	400406	16	Screw, 1/2-13 x 1-1/4" Hex Head	
7	446154	16	Lockwasher, 1/2 Heavy	
8	4271370	1	Front Axle	
9	4133054	2	Bracket, Angle Upstop	
10	800062	4	Carriage Bolt, 5/16-18 x 1-1/4"	
11	453009	4	Flat Washer, 5/16	
12	446134	4	Lockwasher, 5/16	
13	443106	4	Nut, 5/16-18 Hex	
14	523126	2	Bumper, Rubber	
15	445781	2	Nut, 5/16-18 Whizlock Flange	

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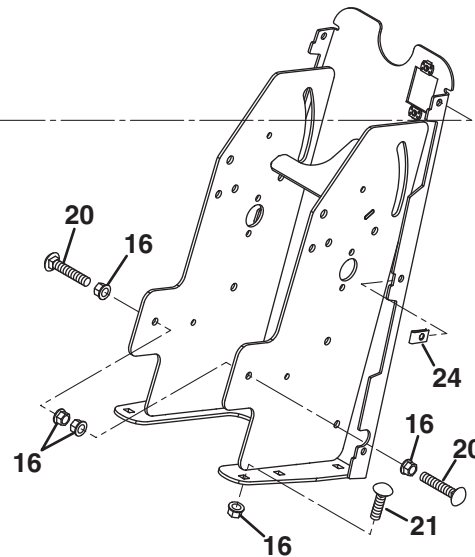
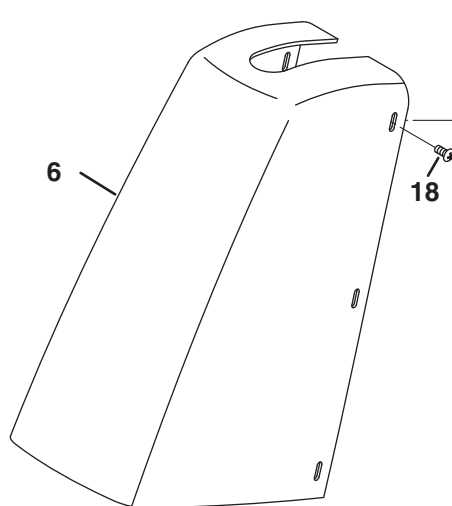
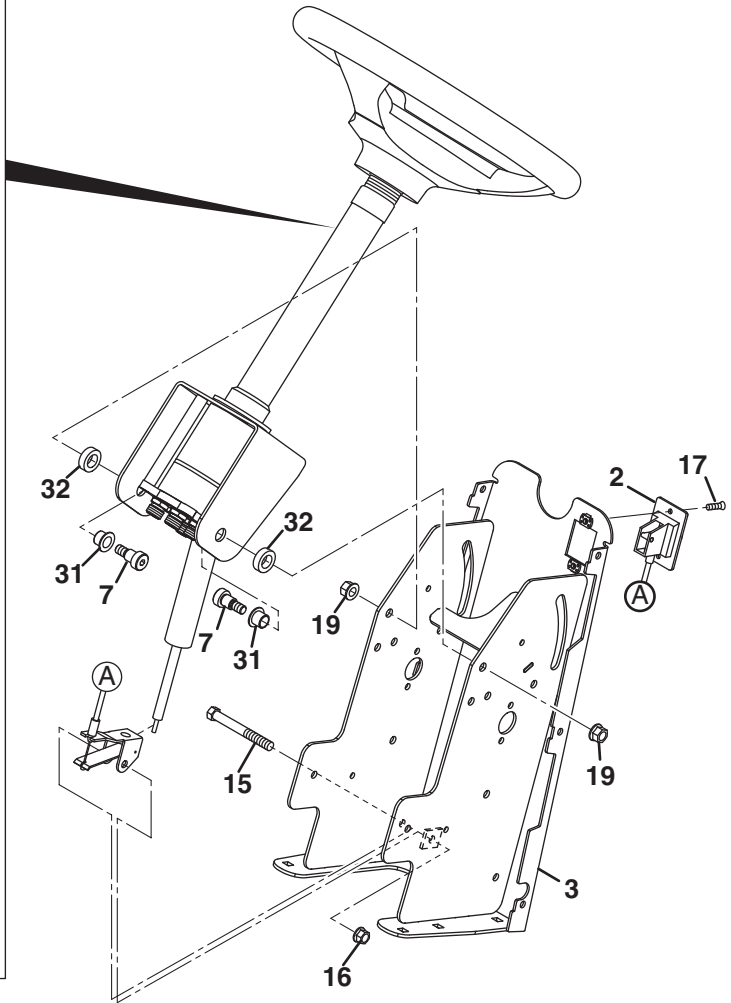
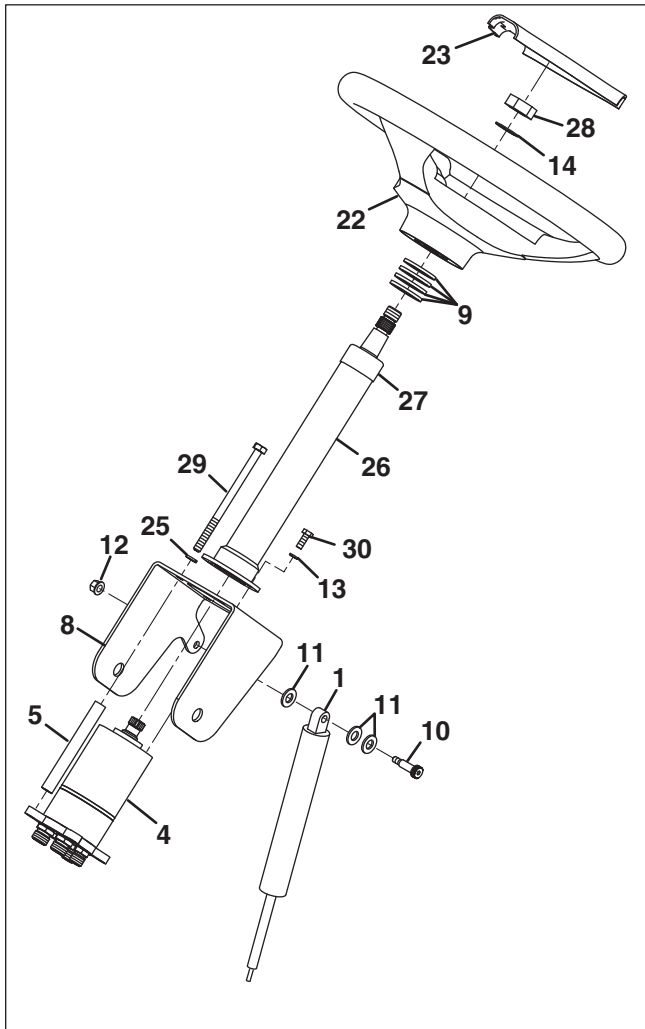
8.1 Rear Axle



Item	Part No.	Qty.	Description	Serial Numbers/Notes
	4238285	2	Wheel and Tire Assembly	
1	4238283	1	• Tire, 22.5 x 10-8 4 Ply	
2	4236021	1	• Rim, 8 x 7"	
3	360111	1	• Inflation Valve	
4	361648	6	Washer, Thrust	
5	361647	2	Bearing, Thrust	
6	471214	2	Fitting, Grease	
7	461393	2	Pin, Spring 1/4 x 2"	
8	4151058	1	Steering Axle	
9	3010489	4	• Bushing	
10	4137137	1	Cylinder, Steering	
	4137139	1	• Seal Kit	
11	400406	6	Screw, 1/2-13 x 1-1/4" Hex Head	
12	4270035	2	Wheel Motor	See 30.1
13	554780	2	• Key	
14	554779	2	• Nut	
15	460026	2	Cotter Pin, 1/8 x 3/4"	
16	4141925	2	Ball Joint	
	400194	2	• Screw, 5/16-18 x 1-3/4"	
	444718	2	• Locknut, 5/16-18 Hex	
17	445672	2	• Nut, 5/8-18 Slotted Hex	
18	4252433	1	Arm, Right Steering	
19	4149118	2	Motor Mount	
20	400410	8	Screw, 1/2-13 x 1-3/4" Hex Head	
21	361451	2	Washer, Thrust	
22	446154	14	Lockwasher, 1/2 Heavy	
23	460028	2	Cotter Pin, 1/8 x 1"	
24	460032	2	Cotter Pin, 1/8 x 1-1/2"	
25	2000012	2	Hub, Wheel	
26	353914	8	Wheel Bolt	
27	367350	2	Washer, Thrust	
28	4252432	1	Arm, Left Steering	
29	4132688	1	Tie Rod	
30	4118210	1	Tie Rod	
31	4121828	1	Ball Joint, Left Hand Thread	
32	4121986	1	• Dust Cover	
33	471214	1	• Straight Grease Fitting, 1/4-28	
34	4121829	1	Ball Joint, Right Hand Thread	
35	4121986	1	• Dust Cover	
36	471214	1	• Straight Grease Fitting, 1/4-28	
37	322847	2	Clamp, Tie Rod	
38	446136	2	Lockwasher, 5/16 Heavy	
39	4124204	2	Nut, 9/16-18 Slotted Hex	
40	443106	2	Nut, 5/16-18 Hex	
41	400192	2	Screw, 5/16-18 x 1-1/4" Hex Head	

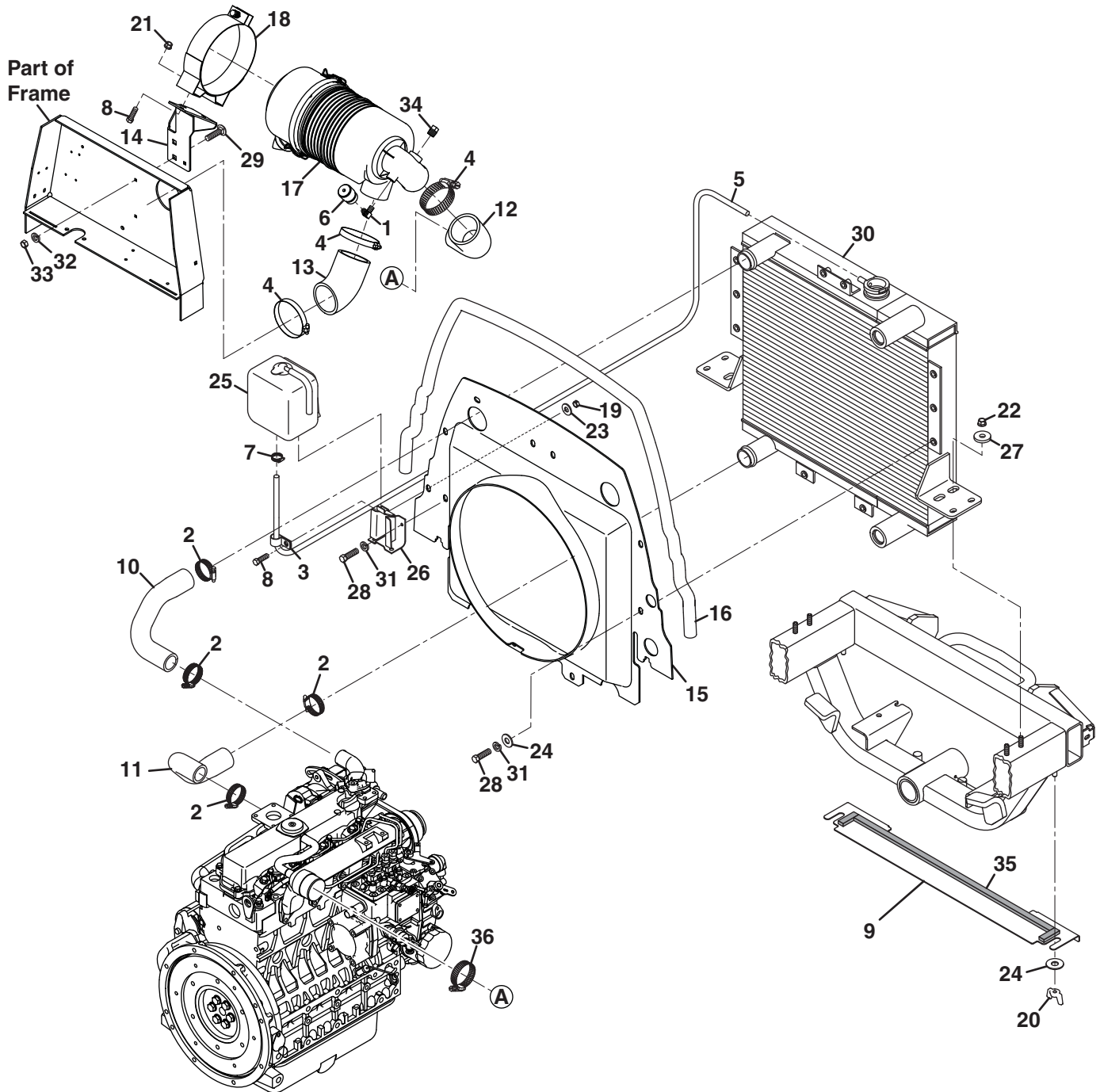
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9.1 Tilt Steering



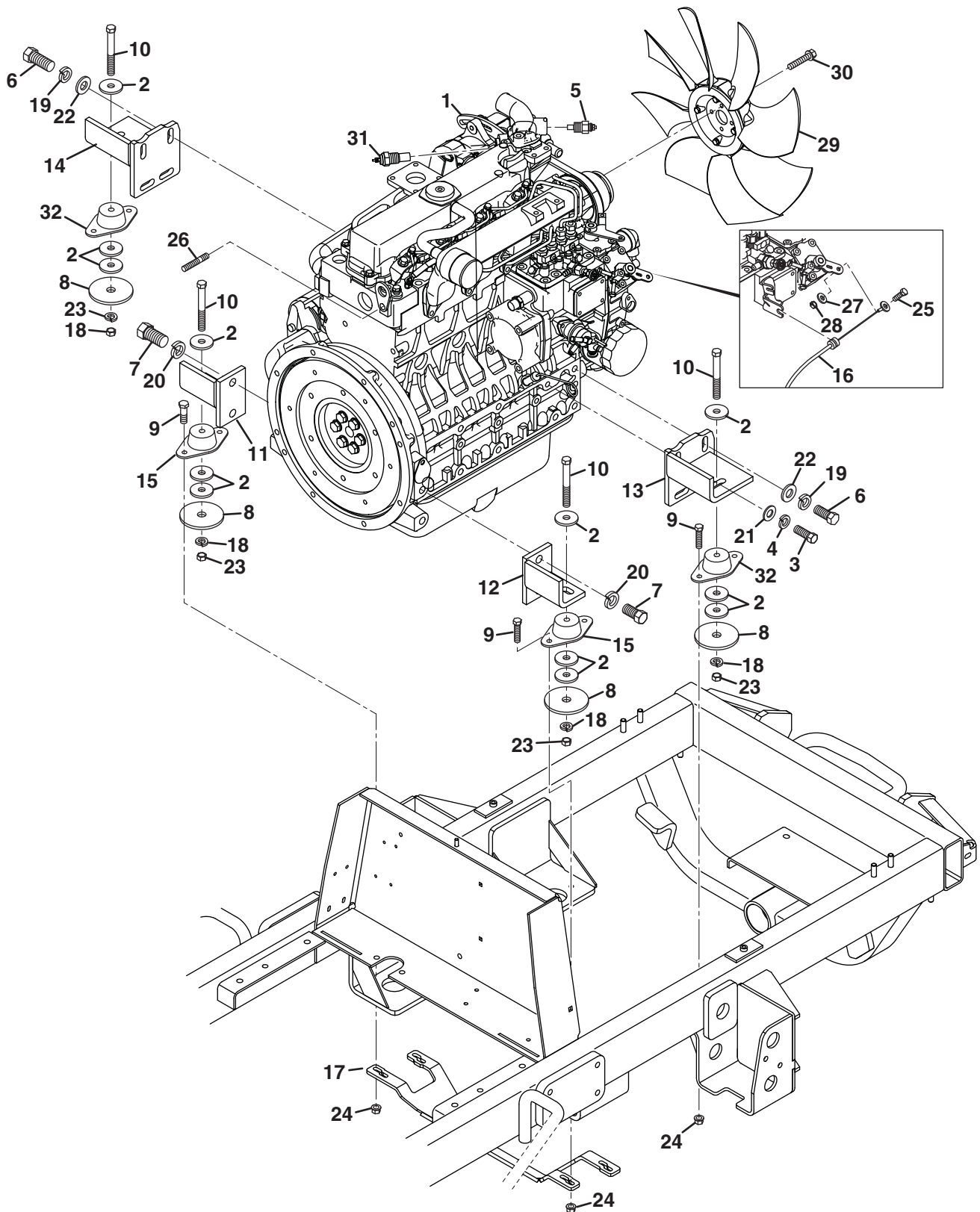
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	5002918	1	Actuator, Gas Spring	
2	5002919	1	Cable, Actuator	
3	4253491	1	Tower, Steering	
4	4291971	1	Valve, Steering	
	4197940	1	• Seal Kit	
	339908	2	• O-Ring, -4 ORFS	
	339909	3	• O-Ring, -6 ORFS	
5	4211400	4	Spacer, Steering Valve	
6	3010651	1	Cover, Steering Tower	
7	365033	2	Bolt, Shoulder	
8	4256510	1	Bracket, Steering Pump	
9	2811547	4	Washer	
10	4256511	1	Bolt, M6-1 Shoulder	
11	450390	3	Flat Washer, M8	
12	452418	1	Nut, M6-1 Flange	
13	450410	4	Lockwasher, M6	
14	447224	1	Lockwasher, 5/8 Internal	
15	400216	1	Screw, 5/16-18 x 2-3/4" Hex Head	
16	445795	9	Nut, 5/16-18 Spirallock Flange	
17	416911	2	Screw, #10-24 x 1/2" Thread Cutting	
18	404016	6	Screw, 1/4-20 x 5/8" Truss Head	
19	548804	2	Nut, 3/8-16 Hex Flange	
20	441677	2	Carriage Bolt, 5/16-18 x 1-1/2"	
21	441614	4	Carriage Bolt, 5/16-18 x 1"	
22	2811364	1	Steering Wheel	
23	2811365	1	• Cap, Steering Wheel	
24	445245	6	Tinnerman Nut	
25	450411	4	Lockwasher, M8	
26	4212980	1	Shaft, Steering	
27	4201840	1	• Shaft Seal	
28	443828	1	• Nut, 5/8-18 Hex	
29	64205-054	4	Screw, M8-1.25 x 130 mm Hex Head	
30	450168	4	Screw, M6-1 x 12 mm Hex Head	
31	4255270	2	Flanged Bearing	
32	4247312	2	Spacer	

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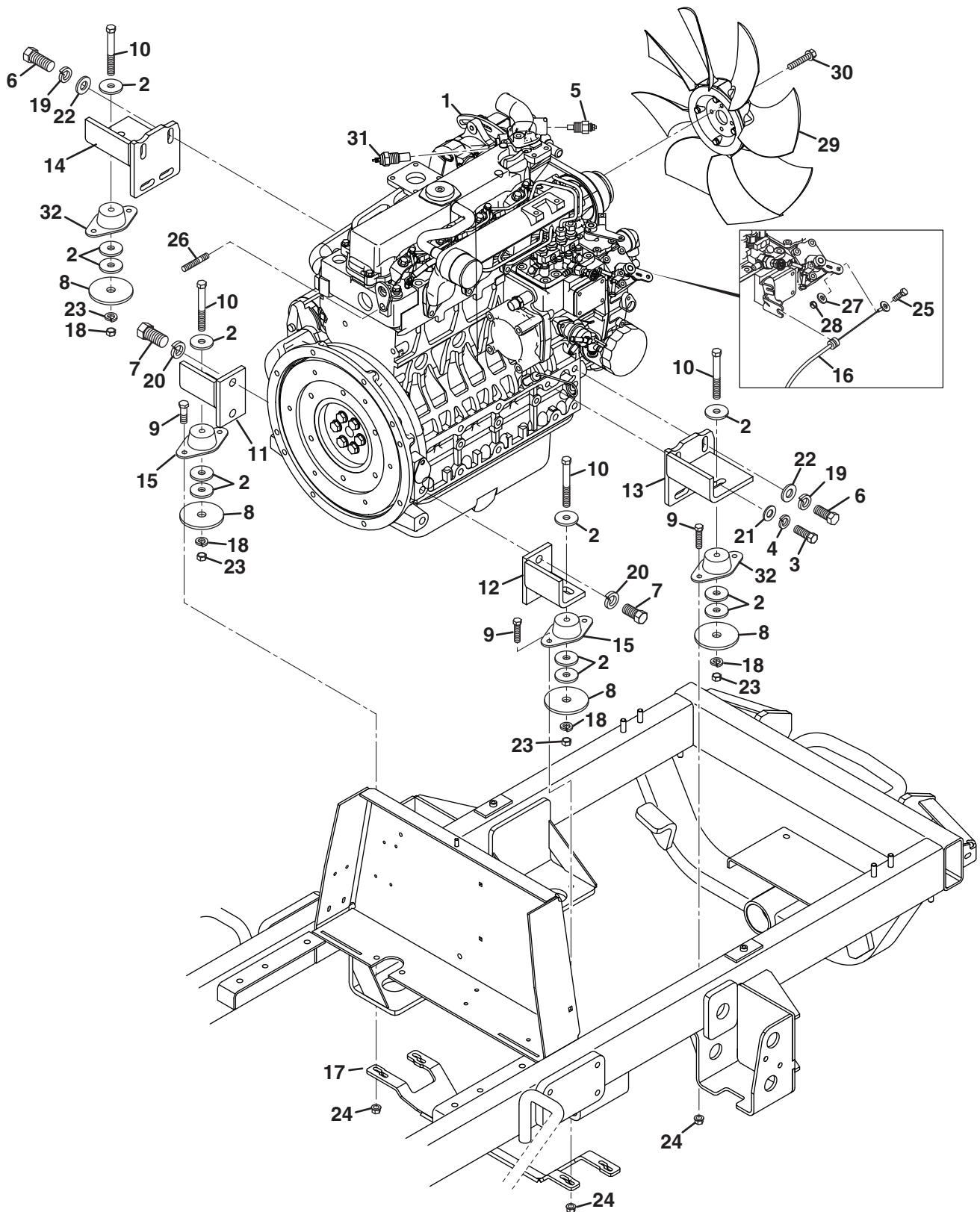
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	3002195	1	Elbow, 1/8 NPF 90°	
2	326112	5	Clamp, 1-5/16 to 2-1/4" Dia Hose	
3	345666	1	Clamp, 1/2" P Hose	
4	337229	2	Clamp, Hose	
5	554748	AR	Hose, Radiator Overflow	Cut to 33"
6	365398	1	Indicator, Air Cleaner	
7	48540-01	2	Clamp, 1/4" to 5/8" Dia Hose	
8	400188	3	Screw, 5/16-18 x 1" Hex Head	
9	4138381	1	Shroud, Rear Frame	
10	4177720	1	Hose, Upper Radiator	
11	4177740	1	Hose, Lower Radiator	
12	4260633	1	Hose, Air Cleaner to Engine	
13	4260632	1	Hose, Shroud to Air Cleaner	
14	4271490	1	Bracket, Air Cleaner	
15	4286511	1	Shroud, Fan	
16	4128079A	1	Seal, Trim	
17	4189940	1	Air Cleaner	
	4133818	1	• Cover, Air Cleaner	
	4133820	1	• Filter, Primary Air Cleaner	
	4133821	1	• Filter, Safety Air Cleaner	
	5003373	1	• Vactuator Valve	
18	4128084	1	Bracket, Air Cleaner Mount	
19	444718	1	Locknut, 5/16-18 Center	
20	445636	2	Nut, 3/8-16 Steel Wing	
21	445795	2	Nut, 5/16-18 Spirallock Flange	
22	445796	4	Nut, 3/8-16 Spirallock Flange	
23	452006	1	Flat Washer, 5/16	
24	452008	9	Flat Washer, 3/8	
25	557367	1	Reserve Tank	
26	557374	1	Stay, Tank	
27	358794	4	Flat Washer, 3/8	
28	400264	6	Screw, 3/8-16 x 1-1/4" Hex Head	
29	441624	2	Carriage Bolt, 3/8-16 x 1"	
30	4180020	1	Radiator / Hydraulic Oil Cooler	
	550863	1	• Radiator Cap	
31	446140	8	Lockwasher, 3/8	
32	446142	2	Lockwasher, 3/8 Heavy	
33	443110	2	Nut, 3/8-16 Hex	
34	472205	1	Plug, 3/8 NPT Square Head	
35	4138380	AR	Seal, Bulk	Cut two 2-1/4" and one 25"
36	359615	1	Clamp, Hose	

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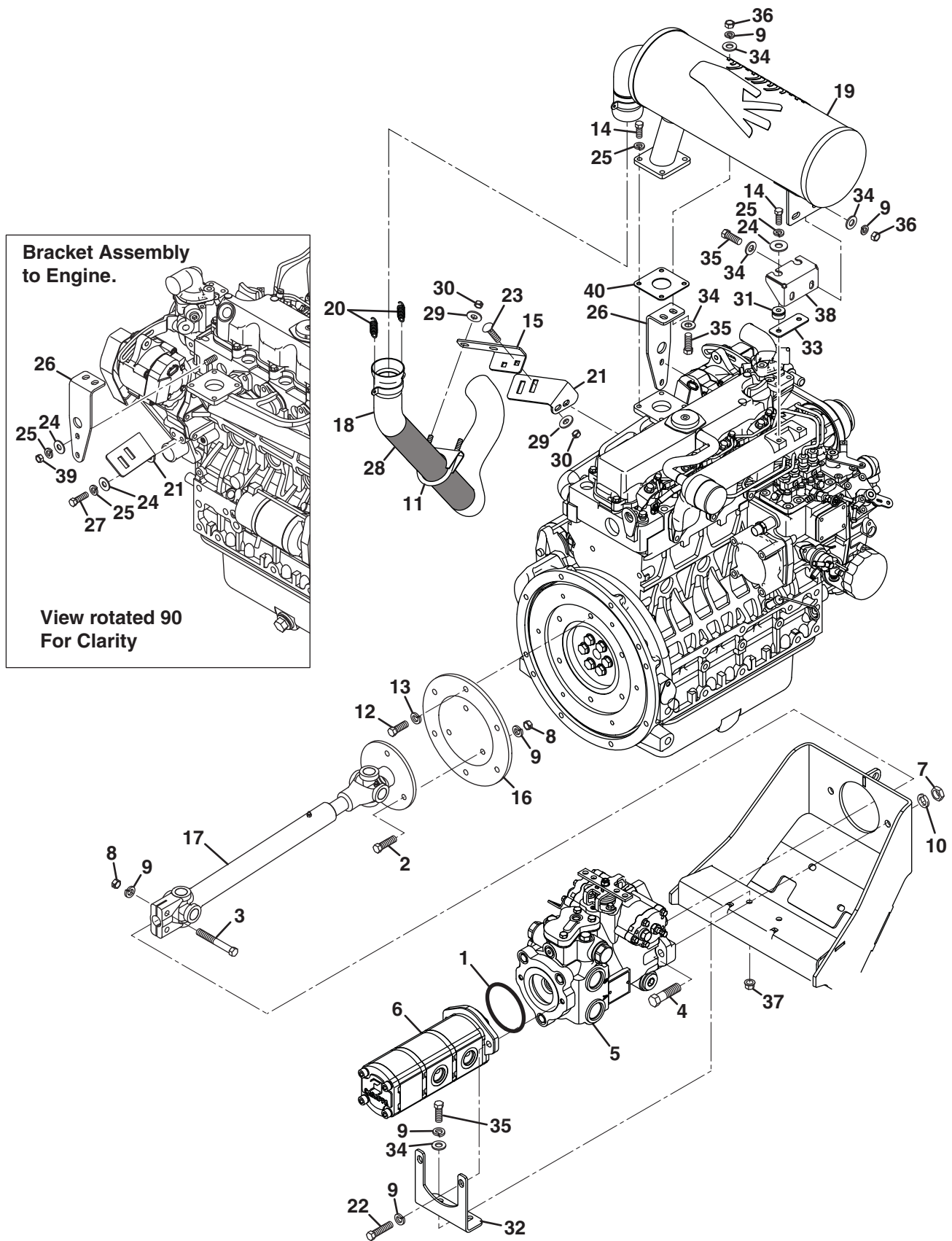
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4271330	1	Engine, V2403-M-DI	REFERENCE R2, See 36.1
	4113986	1	• Filter, Engine Oil	
2	64163-53	12	Washer, Isolator	
3	362263	1	Screw, M10-1.25 x 25mm Hex Head	
4	363485	1	Lockwasher, M10 Heavy	
5	364501	1	Temperature Sender	
6	365979	7	Screw, M12-1.25 x 25mm Hex Head	
7	365981	4	Screw, M14-1.5 x 25mm Hex Head	
8	367031	4	Washer, Isolator	
9	400190	8	Screw, 5/16-18 x 1-1/4" Hex Head	
10	400276	4	Screw, 3/8-16 x 3" Hex Head	
11	4165143	1	Engine Mount, Right Side Front	
12	4165135	1	Engine Mount, Left Side Front	
13	4271291	1	Engine Mount, Left Side Rear	
14	4271292	1	Engine Mount, Right Side Rear	
15	4209701	2	Isolator, Rear Engine	
16	4174240	1	Cable, Throttle	
17	4302171	1	Bracket, Oil Pan Protection	
18	446142	4	Lockwasher, 3/8 Heavy	
19	446154	7	Lockwasher, 1/2 Heavy	
20	446160	4	Lockwasher, 9/16 Heavy	
21	453013	1	Flatwasher, 7/16	
22	453017	7	Flatwasher, 1/2	
23	443110	4	Nut, 3/8-16 Hex	
24	445795	8	Nut, 5/16-18 Spirallock Flange	
25	400108	1	Screw, 1/4-20 x 3/4" Hex Head	
26	4135765	1	Stud, M8-1.25	
27	453023	1	Flat Washer, 1/4	
28	444708	1	Locknut, 1/4-20 Center	
29	4266290	1	Fan, 8 Blade	
30	452380	4	Screw, M6-1 x 30 mm Hex Flange	
31	367551	1	Switch, Temperature		REFERENCE SW4, See 36.1
32	3004523	2	Isolator, Front Engine	

> Change from previous revision



Item	Part No.	Qty.	Description	Serial Numbers/Notes	
1	4271330	1	Engine, V2403-M-DI	REFERENCE R2, See 36.1	
	4113986	1	• Filter, Engine Oil		
2	64163-53	12	Washer, Isolator		
3	362263	1	Screw, M10-1.25 x 25mm Hex Head		
4	363485	1	Lockwasher, M10 Heavy		
5	364501	1	Temperature Sender		
6	365979	7	Screw, M12-1.25 x 25mm Hex Head		
7	365981	4	Screw, M14-1.5 x 25mm Hex Head		
8	367031	4	Washer, Isolator		
9	400190	8	Screw, 5/16-18 x 1-1/4" Hex Head		
10	400276	4	Screw, 3/8-16 x 3" Hex Head		
11	4165143	1	Engine Mount, Right Side Front		
12	4165135	1	Engine Mount, Left Side Front		
13	4271291	1	Engine Mount, Left Side Rear		
14	4271292	1	Engine Mount, Right Side Rear		
15	4209701	2	Isolator, Rear Engine		
16	4174240	1	Cable, Throttle		
17	4302171	1	Bracket, Oil Pan Protection		
18	446142	4	Lockwasher, 3/8 Heavy		
19	446154	7	Lockwasher, 1/2 Heavy		
20	446160	4	Lockwasher, 9/16 Heavy		
21	453013	1	Flatwasher, 7/16		
22	453017	7	Flatwasher, 1/2		
23	443110	4	Nut, 3/8-16 Hex		
24	445795	8	Nut, 5/16-18 Spirallock Flange		
25	400108	1	Screw, 1/4-20 x 3/4" Hex Head		
26	4135765	1	Stud, M8-1.25		
27	453023	1	Flat Washer, 1/4		
28	444708	1	Locknut, 1/4-20 Center		
29	4266290	1	Fan, 8 Blade		
30	452380	4	Screw, M6-1 x 30 mm Hex Flange		
31	367551	1	Switch, Temperature		REFERENCE SW4, See 36.1
32	3004523	2	Isolator, Front Engine		
>	33	4294171	2		Bracket, Clip
>	34	4294295	1	Bracket, Clip	

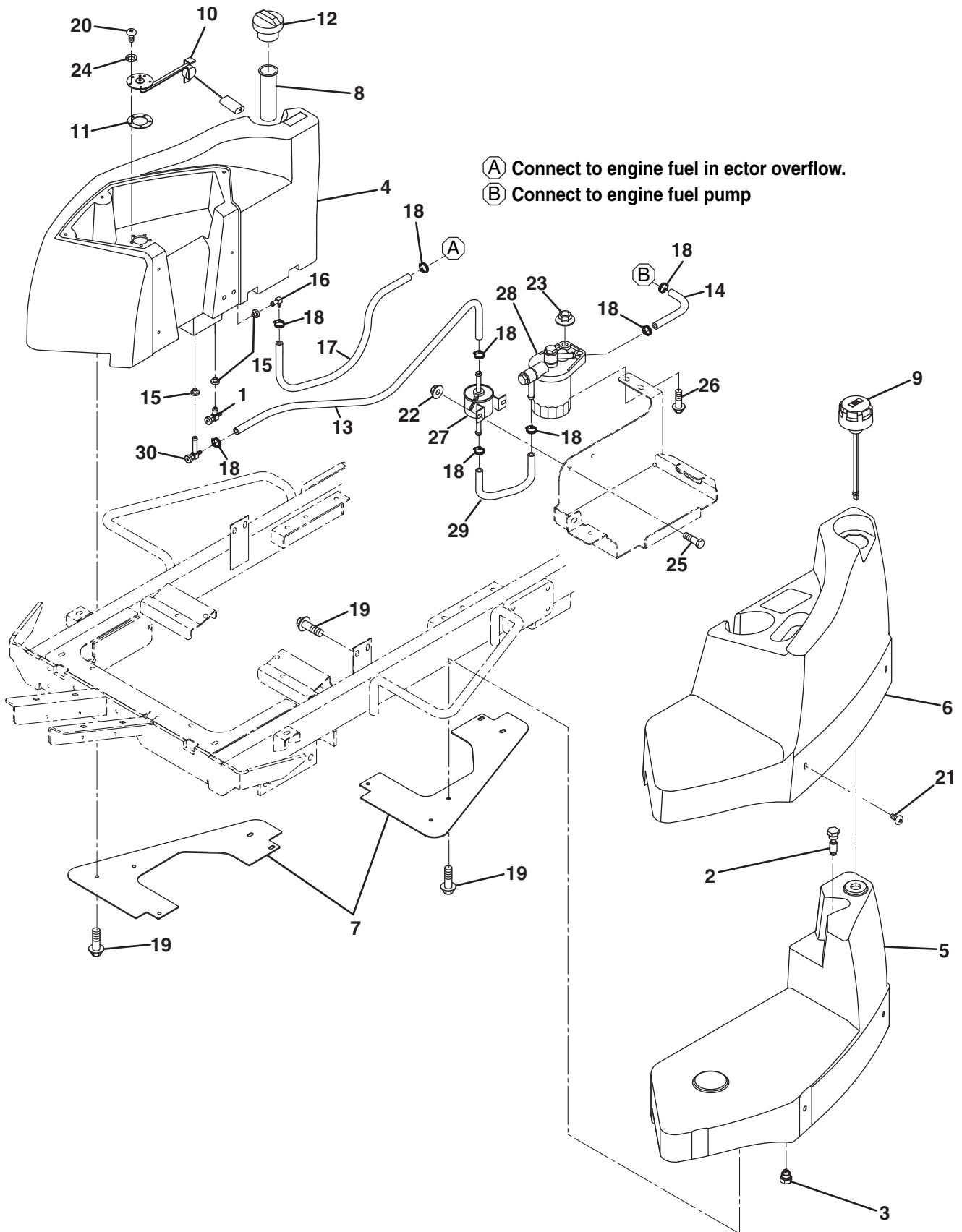
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Item	Part No.	Qty.	Description	Serial Numbers/Notes	
1	362743	1	O-Ring Seal	See 31.1 and 32.1	
2	400264	3	Screw, 3/8-16 x 1-1/4" Hex Head		
3	400286	2	Screw, 3/8-16 x 2-3/4" Hex Head		
4	400410	2	Screw, 1/2-13 x 1-3/4" Hex Head		
5	4290391	1	Pump, Traction		
6	4214480	1	Pump, 3 Section Gear		
	4223160	1	• Seal Kit		
7	443118	2	Nut, 1/2-13 Hex		
8	444762	5	Locknut, 3/8-16 Center		
9	446142	9	Lockwasher, 3/8-16 Heavy		
10	446154	2	Lockwasher, 1/2 Heavy	Discard hardware included with clamp, use Items 29 and 30	
11	162236	1	Clamp, Exhaust		
12	362263	6	Screw, M10-1.25 x 25mm Hex Head		
13	363485	6	Lockwasher, M10 Heavy		
14	363586	4	Screw, M8-1.25 x 20 mm Hex Head		
15	4187920	1	Bracket, Upper Tail Pipe		
16	4136522	1	Flange, Pump Drive		
17	4269092	1	Driveshaft		
	4134587	2	• Cross and Bearing		Engine Side Traction Pump Side
	4134585	1	• Plate and Yoke		
	4134586	1	• Clamp and Yoke		
18	4270410	1	Tail Pipe		
19	4270397	1	Muffler	2 Included with engine 2 Included with engine Remove engine hook from engine.	
20	4129251	2	Spring, Tail Pipe		
21	4244813	1	Bracket, Lower Tail Pipe		
22	400266	2	Screw, 3/8-16 x 1-1/2" Hex Head		
23	441614	2	Carriage Bolt, 5/16-18 x 1"		
24	450400	8	Washer, M8		
25	450411	8	Lockwasher, M8		
26	4275510	1	Bracket, Muffler Support		
27	A1103051	2	Screw, M8-1.25 x 25mm Hex Head		
28	3007889	1	Sleeve, Insulating		
29	452006	4	Flat Washer, 5/16	Included with Engine	
30	444718	4	Locknut, 5/16-18 Center		
31	3000098	2	Mount, Vibration		
32	4269671	1	Support, Gear Pump		
33	4284132	1	Pad, Muffler Isolator		
34	453011	4	Flat Washer, 3/8		
35	400262	4	Screw, 3/8-16 x 1" Hex Head		
36	443110	2	Nut, 3/8-16 Hex		
37	548804	2	Nut, 3/8-16 Hex Flange		
38	4284131	1	Bracket, Muffler		
39	550398	2	Nut, M8 Hex	Included with Engine	
40	4268230	1	Gasket, Exhaust		

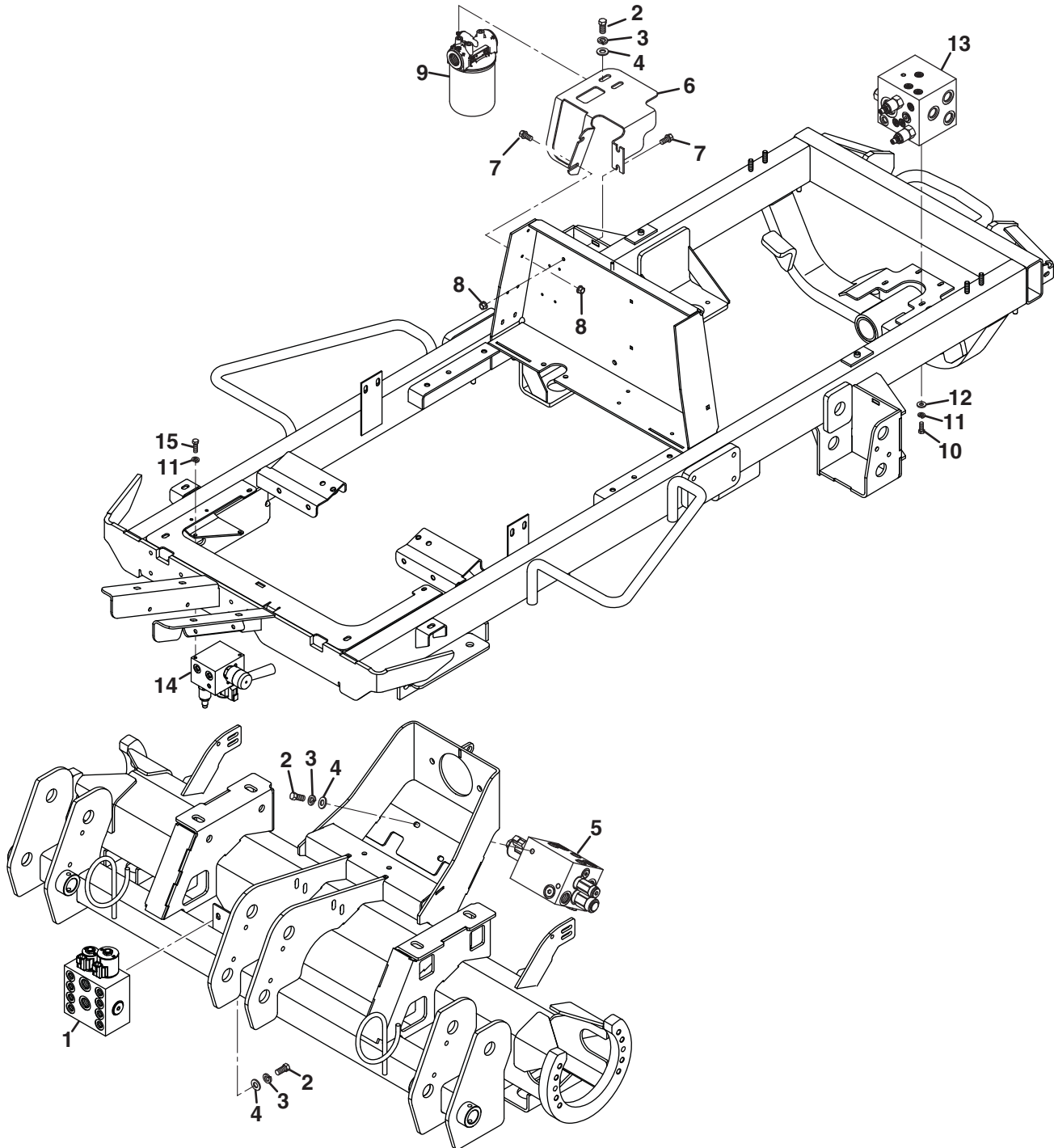
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13.1 Fuel and Hydraulic Tanks



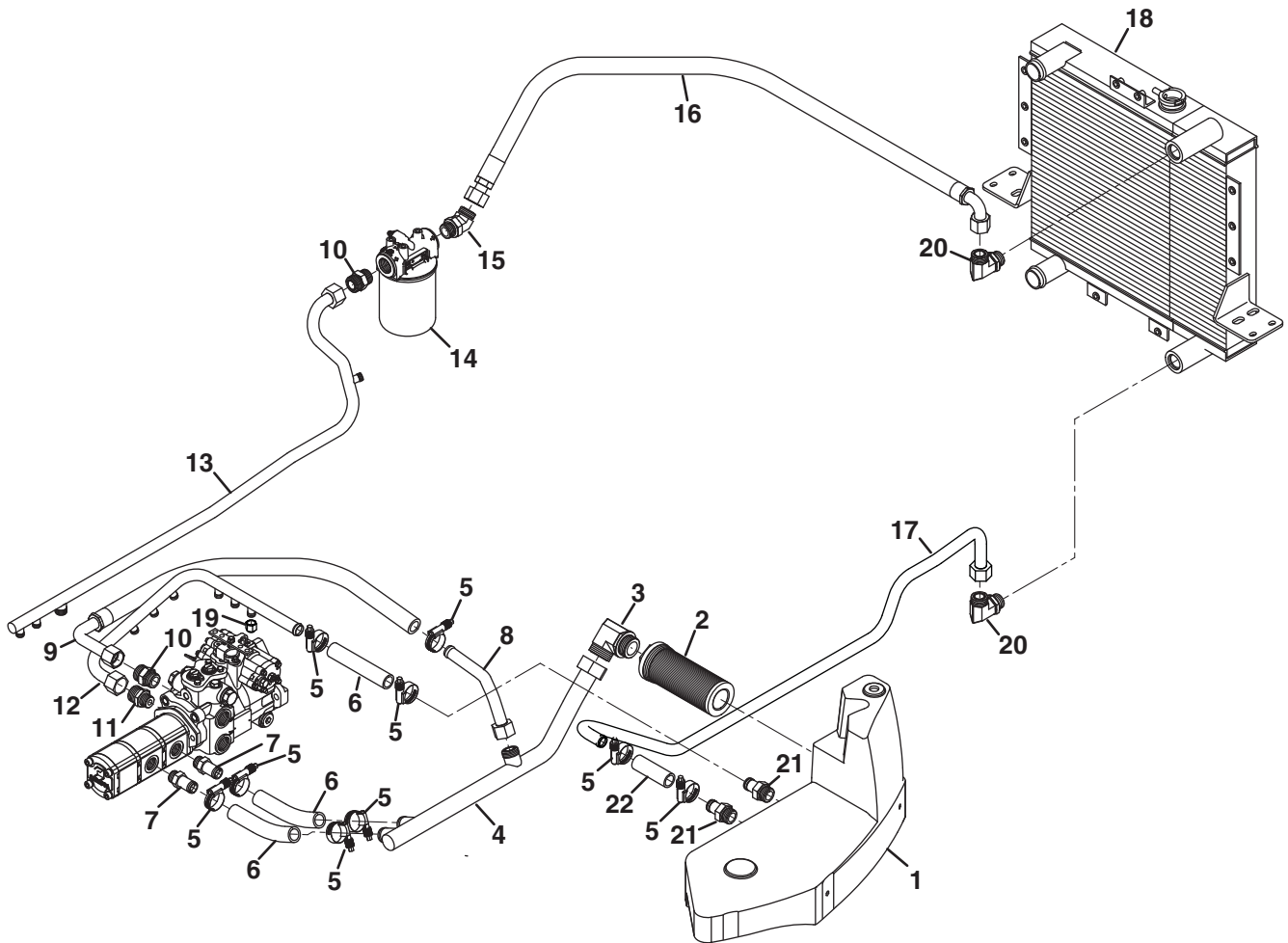
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	132647	1	Valve, Shut Off	REFERENCE SW-9, See 36.1
2	3001279	1	Switch, Float	
3	3002397	1	Plug, Magnetic	
	339899	1	• O-Ring	
4	3009204	1	Fuel Tank	
5	3005871	1	Hydraulic Tank	
6	3005872	1	Shell, Tank Cover	
7	3006243	2	Plate, Tank Mounting	
8	3009347	1	Strainer, Fuel Filler	
9	3006332	1	Breather Filter	
10	3006337	1	Fuel Sender	REFERENCE R-1, See 36.1
11	5003374	1	• Gasket	
12	4177480	1	Cap, Fuel Tank	
13	554748	1	Fuel Line, 5/16" I.D. Cut to 72 Inches	Tank to Fuel Pump
14	554748	1	Fuel Line, 5/16" I.D. Cut to 8 Inches	Fuel Filter to Engine
15	361117	3	Bushing, Fuel Tank	
16	361748	1	Valve, Overflow	
17	554752	1	Fuel Line, 3/16 I.D. Cut to 70 Inches	Engine to Tank
18	48540-01	6	Clamp, Hose	
19	403769	14	Screw, 1/4-20 x 1/2" Hex Flange	
20	403910	5	Screw, #10-24 x 1/2" Truss Head	
21	404016	5	Screw, 1/4-20 x 5/8" Truss Head	
22	445794	2	Nut, 1/4-20 Spiralock Flange	
23	445796	3	Nut, 3/8-16 Spiralock Flange	
24	446118	5	Lockwasher, #10 Heavy	
25	400108	2	Screw, 1/4-20 x 3/4" Hex Head	
26	800709	2	Screw, 3/8-16 x 1" Hex Flange	
27	4132489	1	Fuel Pump	REFERENCE M-2, See 36.1
28	503626	1	Engine Fuel Filter	Included wih Engine
	557619	1	• Element, Fuel Filter	
29	554748	1	Fuel Line, 5/16" I.D. Cut to 12 Inches	Fuel Pump to Fuel Filter
30	2810702	1	Valve, Inlet	

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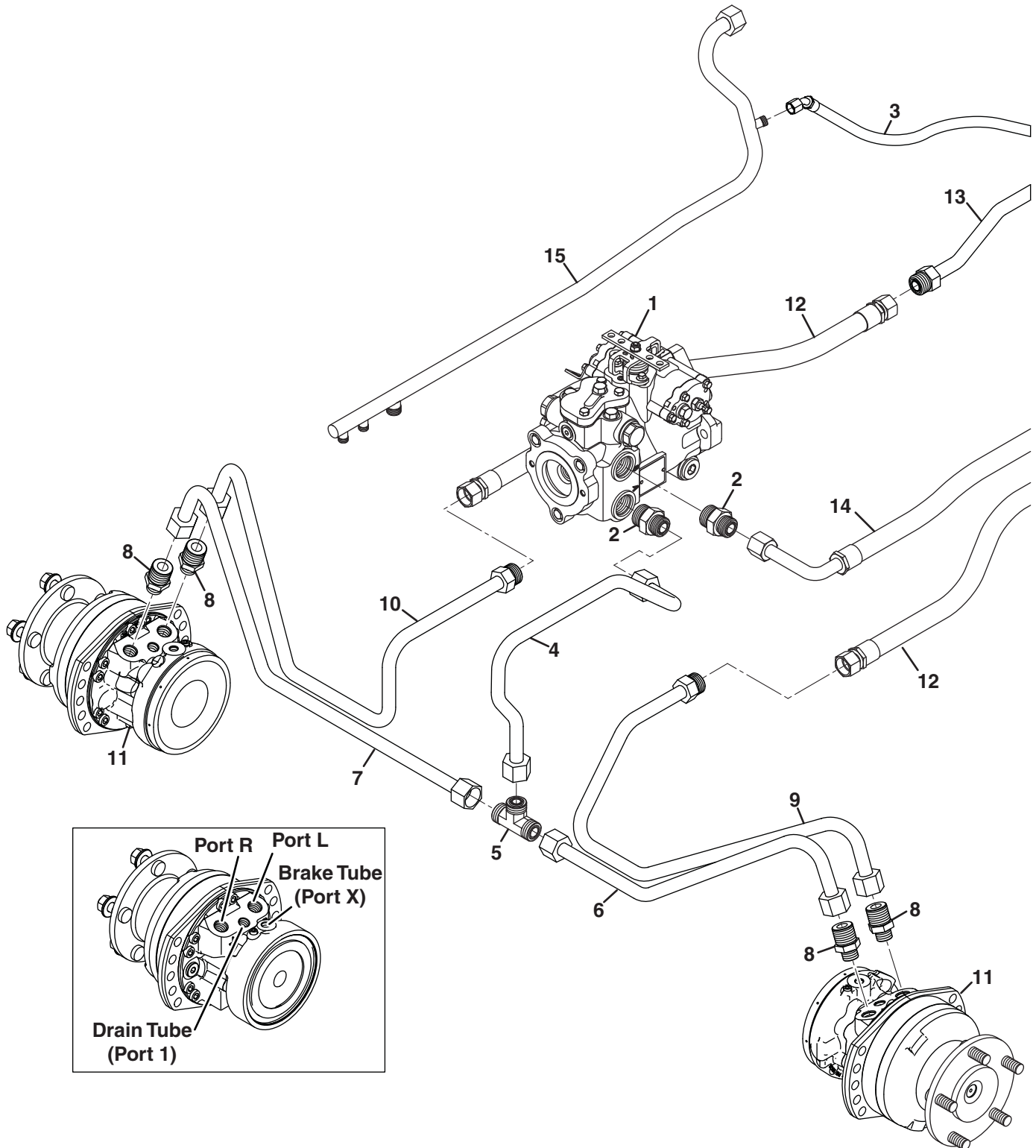
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4129069	1	Lift Valve	See 33.1
2	400258	6	Screw, 3/8-16 x 3/4" Hex Head	
3	446140	6	Lockwasher, 3/8	
4	453011	6	Flat Washer, 3/8	
5	4217900	1	Deck Valve	See 30.1
6	4121852	1	Filter Bracket	
7	409811	4	Screw, 5/16-18 x 5/8" Thread Cutting	
8	445795	4	Nut, 5/16-18 Spirallock Flange	
9	4121554	1	Hydraulic Filter Assembly	
	555771	1	• Filter Element	
	556419	1	• Oil Switch	REFERENCE SW-1, See 36.1
	4124755	1	• Visual Indicator	
10	400106	4	Screw, 1/4-20 x 5/8" Hex Head	
11	446130	6	Lockwasher, 1/4 Heavy	
12	453023	4	Flat Washer, 1/4	
13	4209880	1	4WD Valve	See 34.1
14	4286672	1	Valve, Brake Release	See 35.1
15	400108	2	Screw, 1/4-20 x 3/4" Hex Head	
16	446130	2	Lockwasher, 1/4 Heavy	

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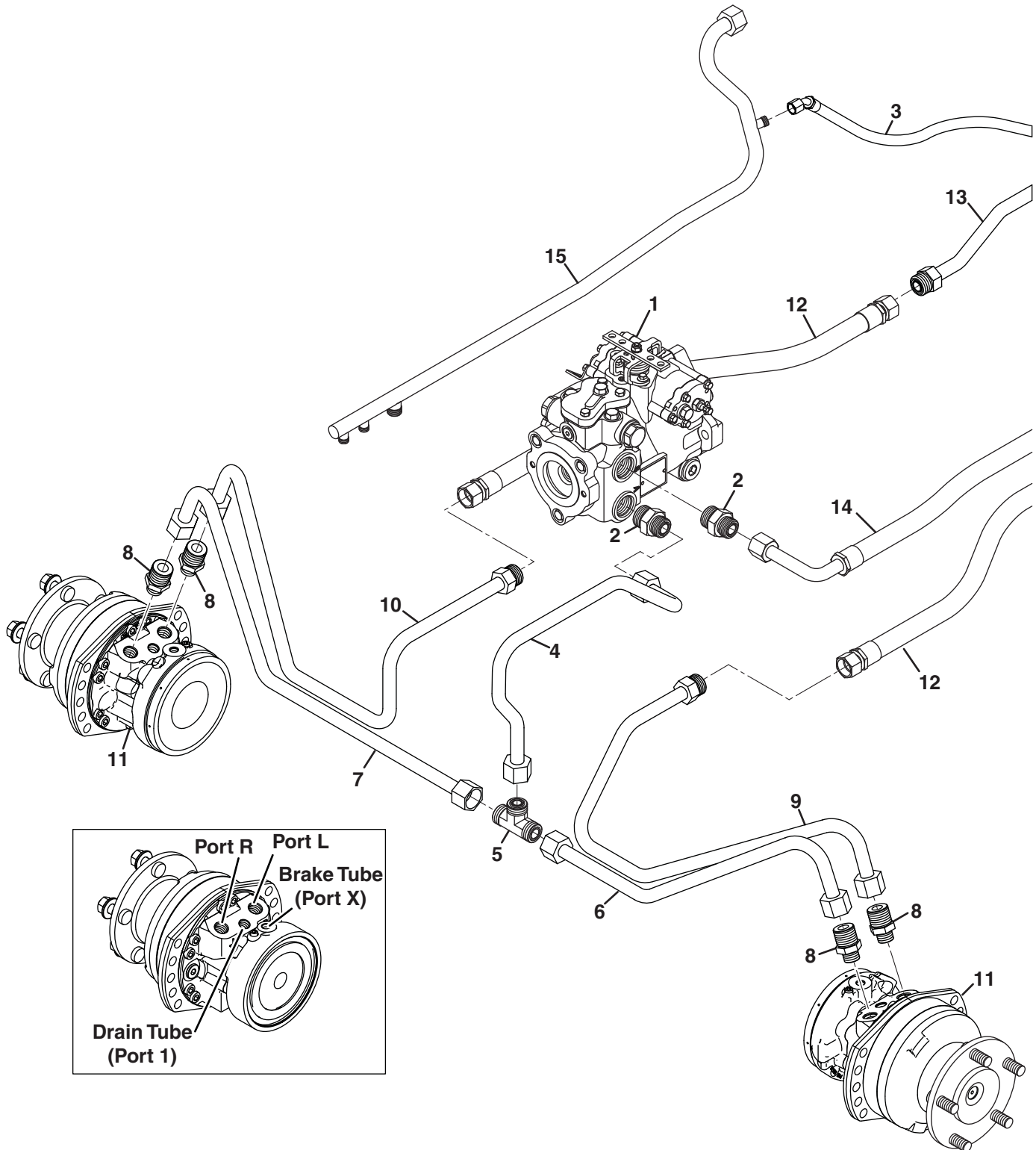
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	3005871	1	Hydraulic Tank	See 13.1
2	365959	1	Strainer, Tank Mounted	
	2812075	1	• O-Ring	
3	340090	1	Fitting, -24 ORFS x -24 ORB 90°	
	339915	1	• O-Ring, -24 ORFS	
	339903	1	• O-Ring, -24 ORB	
4	4269894	1	Tube, Pump Suction	
	339913	1	• O-Ring, -16 ORFS	
5	3008673	2	Clamp, Constant Torque Hose	
6	4148857	3	Hose, Pump Suction	
7	3001296	3	Fitting, -12 ORB x 1" I.D. Hose	
	339900	1	• O-Ring, -12 ORB	
8	4269894	1	Tube, Charge Pump Suction	
9	4122538	1	Hose, Charge Pump Suction	
10	339999	2	Fitting, -16 ORFS x -16 ORB Straight	
	339913	1	• O-Ring, -16 ORFS	
	339901	1	• O-Ring, -16 ORB	
11	339998	1	Fitting, -16 ORFS x -12 ORB Straight	
	339913	1	• O-Ring, -16 ORFS	
	339900	1	• O-Ring, -12 ORB	
12	4269871	1	Tube, Drain	
	339909	6	• O-Ring, -6 ORFS	
13	4128322	1	Tube, Return Hoses to Oil Filter	
	339909	3	• O-Ring -6	
	339911	1	• O-Ring -10	
14	4121554	1	Hydraulic Filter Assembly	REFERENCE SW-1, See 36.1
	555771	1	• Filter Element	
	556419	1	• Oil Switch	
	4124755	1	• Visual Indicator	
15	340039	1	Fitting, -16 ORFS x -16 ORB 45°	
	339913	1	• O-Ring, -16 ORFS	
	339901	1	• O-Ring, -16 ORB	
16	4129042	1	Hose, Oil Filter to Oil Cooler	
17	4278011	1	Tube, Oil Cooler to Tank	
18	4180020	1	Radiator / Hydraulic Oil Cooler	See 10.1
	550863	1	• Radiator Cap	
19	339921	1	Cap, -6 ORFS	
20	340077	2	Fitting, -16 ORFS x -16 ORB 90°	
	339913	1	• O-Ring, -16 ORFS	
	339901	1	• O-Ring, -16 ORB	
21	361689	2	Fitting, -16 ORB x 1" I.D. Hose	
	339913	1	• O-Ring, -16 ORFS	
22	4124647	1	Hose, Oil Cooler Return	

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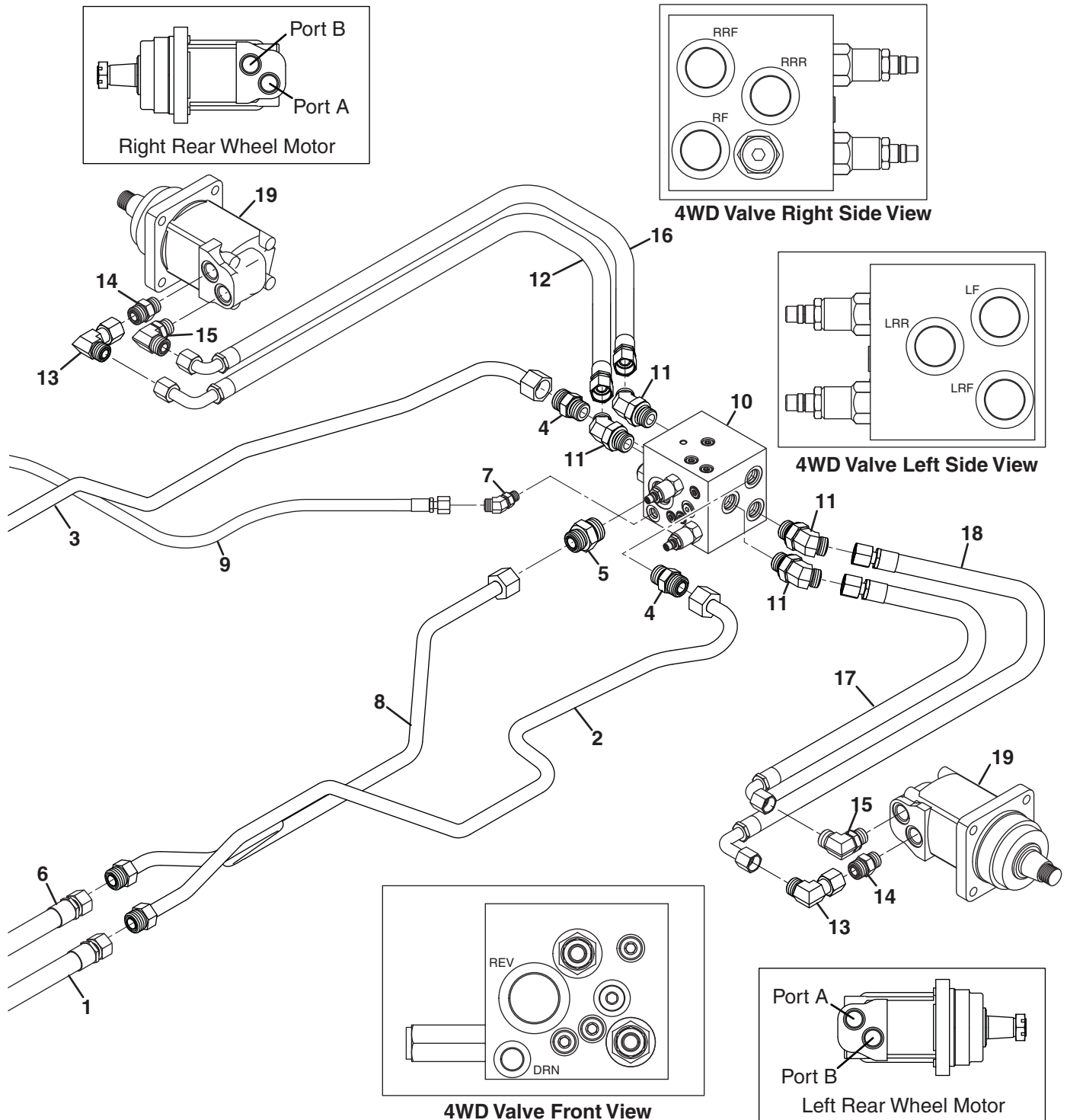
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4290391	1	Pump, Traction	See 12.1
2	339996	2	Fitting, -12 ORFS x -16 ORB Straight	
	339912	1	• O-Ring, -12 ORFS	See 17.1 for other end of hose
	339901	1	• O-Ring, -16 ORB	
3	4129037	1	Hose, 4WD Valve Drain	
4	4270155	1	Tube, Drive Return	
5	340338	1	Tee, -12 ORFS Union	
	339912	3	• O-Ring, -12 ORFS	
6	4282791	1	Tube, Left Front Motor Front Tube	
7	4282812	1	Tube, Right Front Motor Front Tube	
8	339993	4	Fitting, -12 ORFS x -10 ORB Straight	
	339912	1	• O-Ring, -12 ORFS	
	339899	1	• O-Ring, -10 ORB	
9	4282831	1	Tube, Left Front Motor Rear Port	
	339912	1	• O-Ring, -12 ORFS	
10	4282811	1	Tube, Right Front Motor Rear Port	
	339912	1	• O-Ring, -12 ORFS	
11	4265651	2	Front Wheel Motor	See 7.1
12	4128977	2	Hose, Front Motor to 4WD Tube	See 17.1 for other end of left hose
13	4285873	1	Tube, Right Side 4WD	See 17.1 for other end of tube
	339912	1	• O-Ring, -12 ORFS	
14	4283500	1	Hose, 4WD Valve to Traction Pump	See 17.1 for other end of hose
15	4128322	1	Tube, Return Hoses to Oil Filter	See 15.1
	339909	3	• O-Ring -6	
	339911	1	• O-Ring -10	

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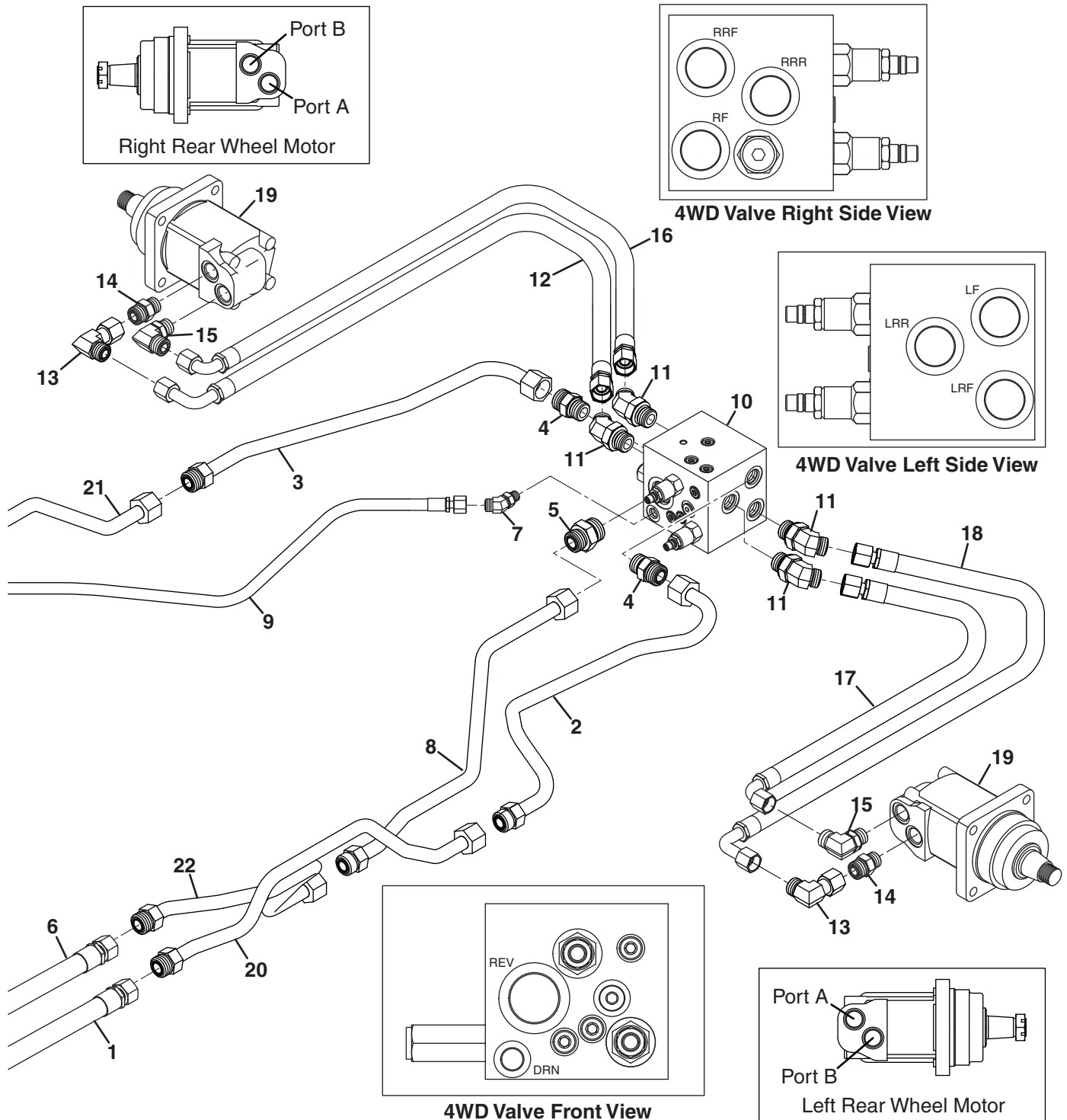
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4290391	1	Pump, Traction	See 12.1
2	339996	2	Fitting, -12 ORFS x -16 ORB Straight	
	339912	1	• O-Ring, -12 ORFS	
	339901	1	• O-Ring, -16 ORB	
3	4129037	1	Hose, 4WD Valve Drain	See 17.2 for other end of hose
4	4270155	1	Tube, Drive Return	
5	340338	1	Tee, -12 ORFS Union	
	339912	3	• O-Ring, -12 ORFS	
6	4282791	1	Tube, Left Front Motor Front Tube	
7	4282812	1	Tube, Right Front Motor Front Tube	
8	339993	4	Fitting, -12 ORFS x -10 ORB Straight	
	339912	1	• O-Ring, -12 ORFS	
	339899	1	• O-Ring, -10 ORB	
9	4282831	1	Tube, Left Front Motor Rear Port	
	339912	1	• O-Ring, -12 ORFS	
10	4282811	1	Tube, Right Front Motor Rear Port	
	339912	1	• O-Ring, -12 ORFS	
11	4265651	2	Front Wheel Motor	See 7.1
12	4128977	2	Hose, Front Motor to 4WD Tube	See 17.2 for other end of left hose
13	4294132	1	Tube, Right Side 4WD	See 17.2 for other end of tube
	339912	1	• O-Ring, -12 ORFS	
14	4283500	1	Hose, 4WD Valve to Traction Pump	See 17.2 for other end of hose
15	4128322	1	Tube, Return Hoses to Oil Filter	See 15.1
	339909	3	• O-Ring -6	
	339911	1	• O-Ring -10	

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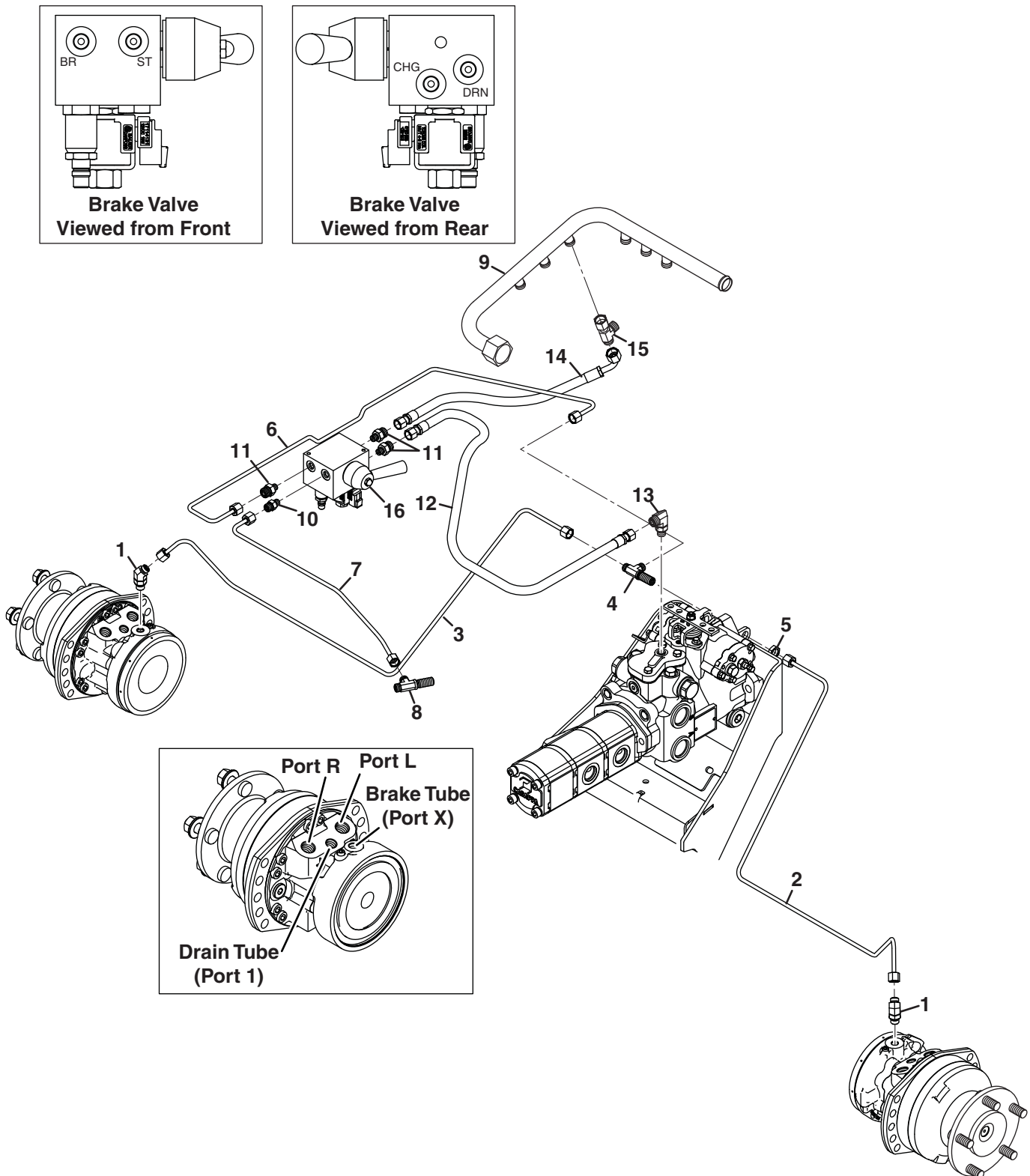
Item	Part No.	Qty.	Description	Serial Numbers/Notes	
1	4128977	1	Hose, Front Motor to 4WD Tube	See 16.1 for other end of hose	
2	4283497	1	Tube, Left Side 4WD	4WD Port LF	
	339912	1	• O-Ring, -12 ORFS		
3	4285873	1	Tube, Right Side 4WD	See 16.1 for other end of tube	
	339912	1	• O-Ring, -12 ORFS		
4	339994	2	Fitting, -12 ORFS x -12 ORB Straight		
	339912	1	• O-Ring, -12 ORFS		
	339900	1	• O-Ring, -12 ORB		
5	339996	1	Fitting, -12 ORFS x -16 ORB Straight	4WD Port REV	
	339912	1	• O-Ring, -12 ORFS		
	339901	1	• O-Ring, -16 ORB		
6	4283500	1	Hose, 4WD Valve to Traction Pump	See 16.1 for other end of hose	
7	340026	1	Fitting, -6 ORFS x -6 ORB Straight	4WD Port DRN	
	339909	1	• O-Ring, -6 ORFS		
	339897	1	• O-Ring, -6 ORB		
8	4283498	1	Tube, Hose to 4WD Valve		
	339912	1	• O-Ring, -12 ORFS		
9	4129037	1	Hose, 4WD Valve Drain	See 16.1 for other end of hose	
10	4209880	1	4WD Valve	See 34.1	
11	340034	4	Fitting, -10 ORFS x -12 ORB 45°		
	339911	1	• O-Ring, -10 ORFS		
	339900	1	• O-Ring, -12 ORB		
◆	12	4137608	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port RRR, Motor Port B
	13	340377	2	Fitting, -10 ORFS 90° Swivel	
	339911	1	• O-Ring, -10 ORFS		
	14	339989	2	Fitting, -10 ORFS x -10 ORB Straight	
	339911	1	• O-Ring, -10 ORFS		
	339899	1	• O-Ring, -10 ORB		
	15	340070	2	Fitting, -10 ORFS x -10 ORB 90°	
	339911	1	• O-Ring, -10 ORFS		
	339899	1	• O-Ring, -10 ORB		
◆	16	4137607	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port RRF, Motor Port A
●	17	4137608	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port LRR, Motor Port A
●	18	4137607	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port LRF, Motor Port B
	19	4270035	2	Rear Wheel Motor	See 8.1
◆	Included in Right Rear Motor Hose Bundle 4137623				
●	Included in Left Rear Motor Hose Bundle 4137625				

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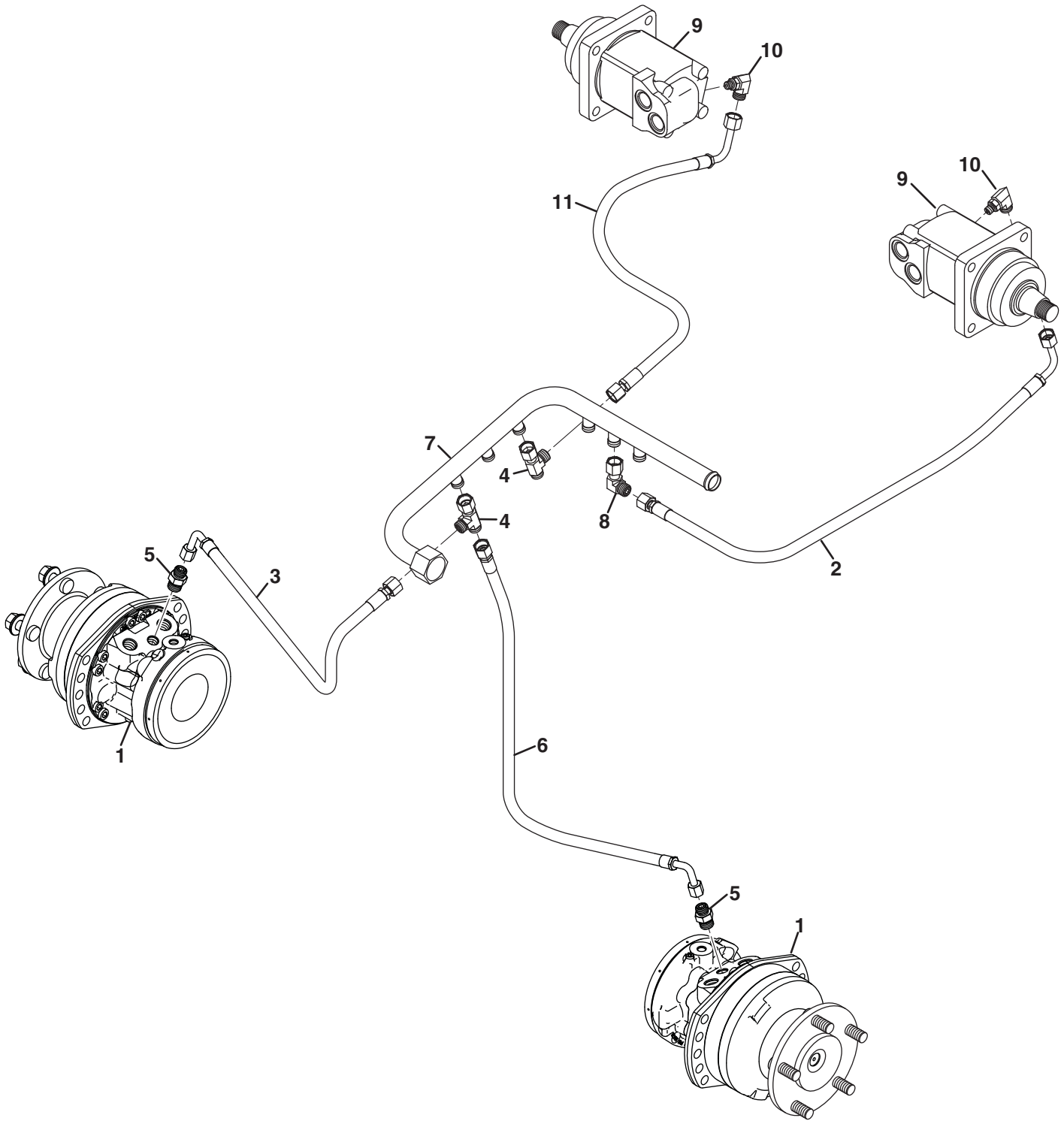
Item	Part No.	Qty.	Description	Serial Numbers/Notes	
1	4128977	1	Hose, Front Motor to 4WD Tube	See 16.2 for other end of hose	
2	4294173	1	Tube, Left Side 4WD	4WD Port LF	
	339912	1	• O-Ring, -12 ORFS		
3	4294131	1	Tube, Right Side 4WD		
	339912	1	• O-Ring, -12 ORFS		
4	339994	2	Fitting, -12 ORFS x -12 ORB Straight		
	339912	1	• O-Ring, -12 ORFS		
	339900	1	• O-Ring, -12 ORB		
5	339996	1	Fitting, -12 ORFS x -16 ORB Straight	4WD Port REV	
	339912	1	• O-Ring, -12 ORFS		
	339901	1	• O-Ring, -16 ORB		
6	4283500	1	Hose, 4WD Valve to Traction Pump	See 16.2 for other end of hose	
7	340026	1	Fitting, -6 ORFS x -6 ORB Straight	4WD Port DRN	
	339909	1	• O-Ring, -6 ORFS		
	339897	1	• O-Ring, -6 ORB		
8	4294294	1	Tube, Hose to 4WD Valve		
	339912	1	• O-Ring, -12 ORFS		
9	4129037	1	Hose, 4WD Valve Drain	See 16.2 for other end of hose	
10	4209880	1	4WD Valve	See 34.1	
11	340034	4	Fitting, -10 ORFS x -12 ORB 45°		
	339911	1	• O-Ring, -10 ORFS		
	339900	1	• O-Ring, -12 ORB		
◆	12	4137608	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port RRR, Motor Port B
	13	340377	2	Fitting, -10 ORFS 90° Swivel	
	339911	1	• O-Ring, -10 ORFS		
	14	339989	2	Fitting, -10 ORFS x -10 ORB Straight	
	339911	1	• O-Ring, -10 ORFS		
	339899	1	• O-Ring, -10 ORB		
	15	340070	2	Fitting, -10 ORFS x -10 ORB 90°	
	339911	1	• O-Ring, -10 ORFS		
	339899	1	• O-Ring, -10 ORB		
◆	16	4137607	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port RRF, Motor Port A
●	17	4137608	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port LRR, Motor Port A
●	18	4137607	1	Hose, 4WD Valve to Wheel Motor	4WD Valve Port LRF, Motor Port B
	19	4270035	2	Rear Wheel Motor	See 8.1
	20	4294172	1	Tube, Left Side	
	339912	1	• O-Ring, -12 ORFS		
	21	4294132	1	Tube, Right Side 4WD	See 16.2 for other end of tube
	339912	1	• O-Ring, -12 ORFS		
	22	4294293	1	Tube, 4WD Reverse	
	339912	1	• O-Ring, -12 ORFS		
◆	Included in Right Rear Motor Hose Bundle 4137623				
●	Included in Left Rear Motor Hose Bundle 4137625				

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Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	340026	2	Fitting, -6 ORFS x -6 ORB 45°	Motor Port X Motor Port X Brake Valve Port BR Brake Valve Port ST See 22.1 for tee connections See 15.1 for mounting location Brake Valve Port CHG Brake Valve Port DRN See 19.1 for tee connections See 14.1 for mounting location
	339909	1	• O-Ring, -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
2	4282836	1	Tube, Tee to Right Wheel Motor	
3	4282837	1	Tube, Tee to Left Wheel Motor	
4	340215	2	Tee, -6 ORFS Bulkhead Run	
	339909	3	• O-Ring, -6 ORFS	
5	339960	1	Nut, 11/16-18 -4 ORFS Nut	
6	4282833	1	Tube, Brake Valve to Motor Tee	
7	4282832	1	Hose, Bulkhead Tee to Brake Valve	
8	340214	2	Tee, -4 ORFS Bulkhead Run	
	339908	3	• O-Ring, -4 ORFS	
9	4269871	1	Tube, Drain	
	339909	6	• O-Ring, -6 ORFS	
10	339972	1	Fitting, -4 ORFS x -4 ORB Straight	
	339908	1	• O-Ring, -4 ORFS	
	339896	1	• O-Ring, -4 ORB	
11	339977	3	Fitting, -6 ORFS x -4 ORB Straight	
	339909	1	• O-Ring, -6 ORFS	
	339896	1	• O-Ring, -4 ORB	
12	4282834	1	Hose, Pump to Brake Valve	
13	340061	1	Fitting, -6 ORFS x -6 ORB 90°	
	339909	1	• O-Ring, -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
14	4282835	1	Hose, Brake Valve to Return Tube	
15	340119	1	Tee, -6 ORFS Swivel Run	
	339909	2	• O-Ring, -6 ORFS	
16	4211880	1	Valve, Brake Release	

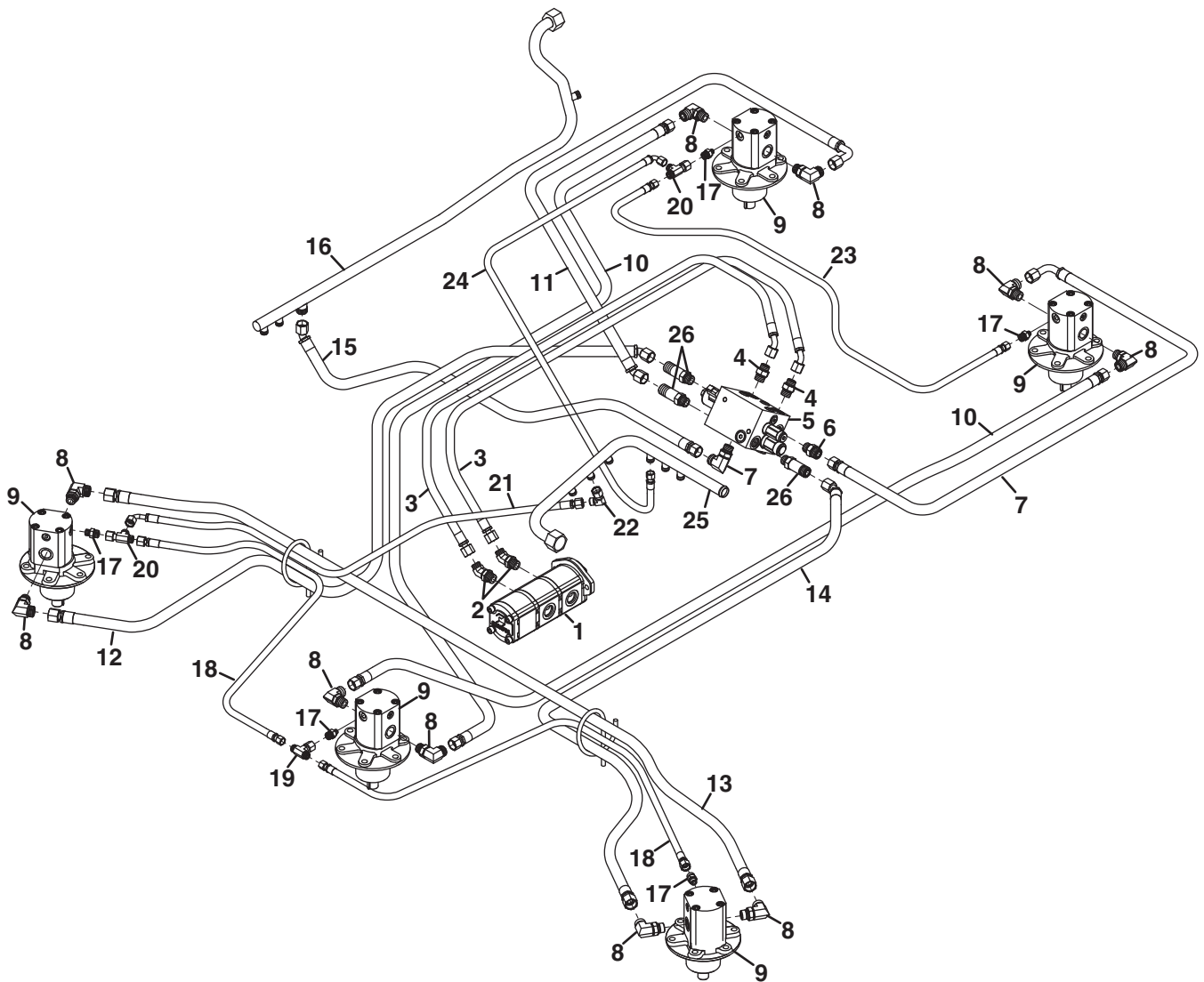
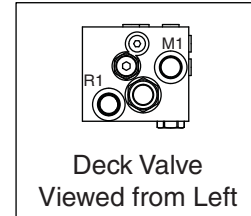
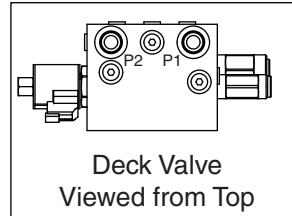
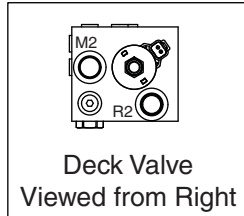
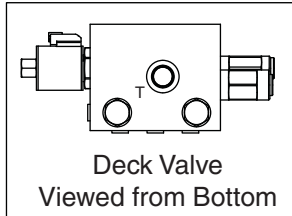
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Item	Part No.	Qty.	Description	Serial Numbers/Notes		
●	1	4265651	2	Front Wheel Motor	See 7.1	
	2	4137634	1	Hose, Left Rear Motor to Drain Tube		
	3	4129040	1	Hose, Right Front Motor to Drain Tube		
	4	340119	2	Tee, -6 ORFS Swivel Run		
		339909	2	• O-Ring, -6 ORFS		
	5	339980	2	Fitting, -6 ORFS x -8 ORB Straight		
		339909	1	• O-Ring, -6 ORFS		
		339898	1	• O-Ring, -8 ORB		
	6	4282839	1	Hose, Left Front Motor to Drain Tube		
	7	4269871	1	Tube, Drain		See 15.1
		339909	6	• O-Ring, -6 ORFS		
	8	340375	1	Fitting, -6 ORFS 90° Swivel	See 8.1 for motor mounting See 30.1 for motor service	
		339909	1	• O-Ring, -6 ORFS		
	9	4270035	2	Rear Wheel Motor		
	10	340059	2	Fitting, -6 ORFS x -4 ORB 90°		
		339909	1	• O-Ring, -6 ORFS		
		339896	1	• O-Ring, -4 ORB		
◆	11	4137624	1	Hose, Right Rear Motor to Drain Tube		
◆	Included in Right Rear Motor Hose Bundle 4137623					
●	Included in Left Rear Motor Hose Bundle 4137625					

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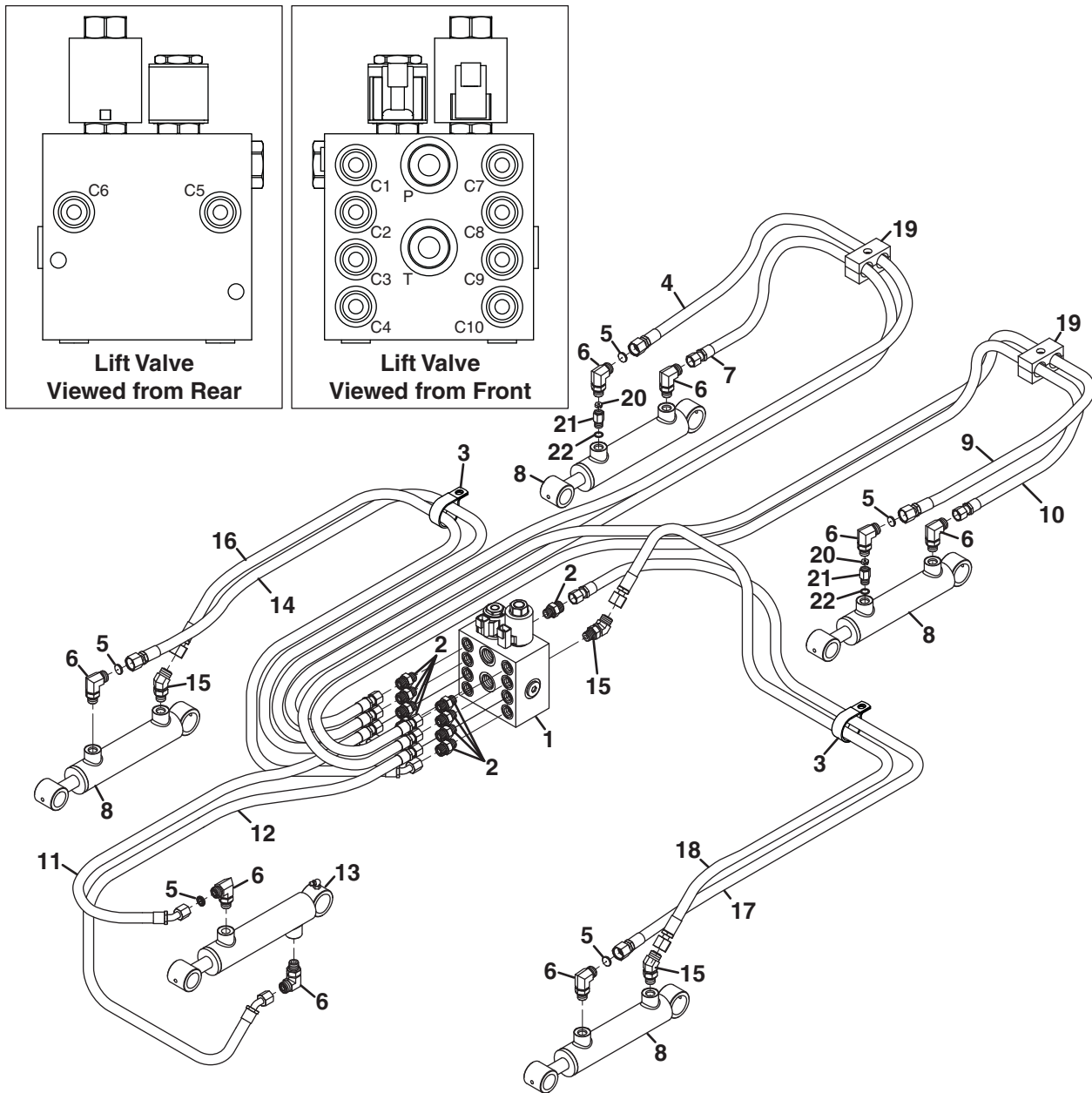
20.1 Deck Hydraulics



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4214480	1	Gear Pump	See 12.1
2	340030	2	Fitting, -8 ORFS x -10 ORB 45°	
	339910	1	• O-Ring, -8 ORFS	
	339899	1	• O-Ring, -10 ORB	
3	4129015	2	Hose, Gear Pump to Deck Valve	Deck Valve Ports P1 and P2
4	339985	2	Fitting, -8 ORFS x -10 ORB Straight	
	339910	1	• O-Ring, -8 ORFS	
	339899	1	• O-Ring, -10 ORB	
5	4217900	1	Deck Valve	See 14.1 for valve mounting See 29.1 for valve service
6	339989	1	Fitting, -10 ORFS x -10 ORB Straight	
	339911	1	• O-Ring, -10 ORFS	
	339899	1	• O-Ring, -10 ORB	
7	4129595	1	Hose, Deck Valve to Left Rear Motor	Deck Valve Port M1
8	340070	11	Fitting, -10 ORFS x -10 ORB 90°	
	339911	1	• O-Ring, -10 ORFS	
	339899	1	• O-Ring, -10 ORB	
9	4256392	5	Motor, Hydraulic Deck	Includes one (1) of Item 17
	4136829	1	• Seal Kit	
	4115706	1	• Check Valve	
10	4137383	2	Hose, Rear Motor to Center Motor	
11	4263970	1	Hose, Right Rear Motor to Deck Valve	Deck Valve Port R2
12	4137589	1	Hose, Deck Valve to Right Front Motor	Deck Valve Port M2
13	4137382	1	Hose, Right Front to Left Front Motor	
14	4137588	1	Hose, Left Front Motor to Deck Valve	Deck Valve Port R1
15	4129597	1	Hose, Deck Valve to Return Tube	Deck Valve Port T
16	4128322	1	Tube, Return Hoses to Oil Filter	See 15.1
	339911	1	• O-Ring -10 ORFS	
17	339979	5	Fitting, -6 ORFS x -6 ORB Straight	
	339909	1	• O-Ring -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
18	4137561	2	Hose, Outside to Center Motor Drain	
19	340143	1	Tee, -6 ORFS Swivel Branch	
	339909	2	• O-Ring -6 ORFS	
20	340119	2	Tee, -6 ORFS Swivel Run	
	339909	2	• O-Ring -6 ORFS	
21	4137562	1	Hose, Front Motors Drain	
22	340375	1	Fitting, -6 ORFS 90° Swivel	
	339909	1	• O-Ring -6 ORFS	
23	4129603	1	Hose, Left to Right Rear Motor Drain	
24	4129600	1	Hose, Rear Motor Drain	
25	4269871	1	Tube, Drain	See 15.1
	339909	6	• O-Ring, -6 ORFS	
26	340009	3	Fitting, -10 ORFS x -10 ORB Long	
	339911	1	• O-Ring, -10 ORFS	
	339899	1	• O-Ring, -10 ORB	

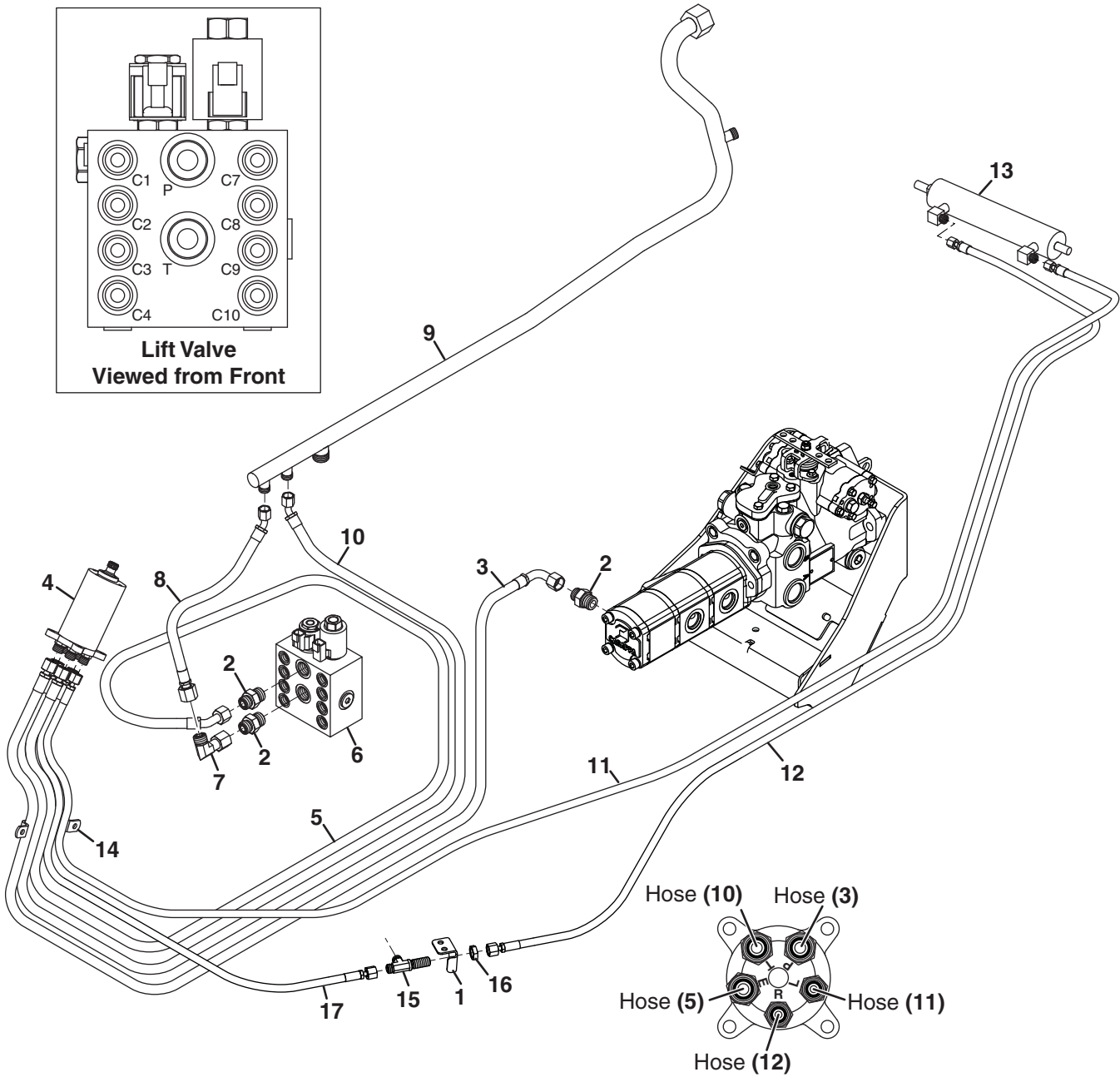
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21.1 Lift Hydraulics



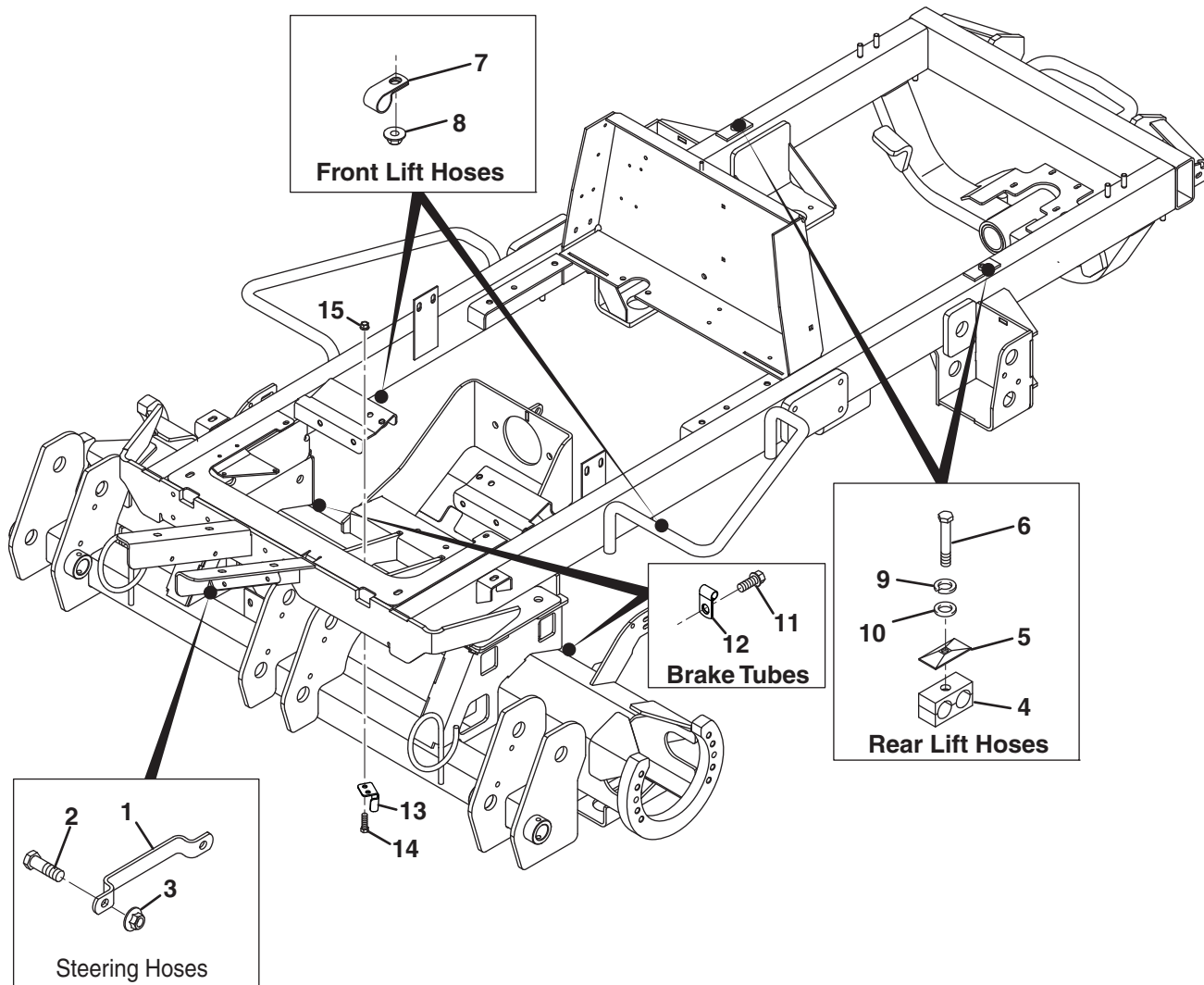
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4129069	1	Lift Valve	See 14.1 for valve mounting See 33.1 for valve service
2	339979	9	Fitting, -6 ORFS x -6 ORB Straight	
	339909	1	• O-Ring -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
3	364190	2	Clamp, 1-1/2" I.D.	
4	4129024	1	Hose, Lift Valve to Right Rear Cylinder	Lift Valve Port C2, Cylinder Rod Port
5	4254030	5	Disk, 0.029" Orifice	
	339909	1	• O-Ring -6 ORFS	
6	340061	8	Fitting, -6 ORFS x -6 ORB 90°	
	339909	1	• O-Ring -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
7	4129023	1	Hose, Right Rear Cylinder to Lift Valve	Lift Valve Port C8, Cylinder Base Port
8	4271772	4	Cylinder, Lift	
	4276833	1	• Seal Kit	
9	4129026	1	Hose, Lift Valve to Left Rear Cylinder	Lift Valve Port C1, Cylinder Rod Port
10	4129026	1	Hose, Left Rear Cylinder to Lift Valve	Lift Valve Port C7, Cylinder Base Port
11	4129020	1	Hose, Lift Valve to Center Cylinder	Lift Valve Port C3, Cylinder Rod Port
12	4129019	1	Hose, Center Cylinder to Lift Valve	Lift Valve Port C9, Cylinder Base Port
13	4271773	1	Cylinder, Center Lift	
	4276833	1	• Seal Kit	
14	4129018	1	Hose, Lift Valve to Right Front Cylinder	Lift Valve Port C4, Cylinder Rod Port
15	340026	3	Fitting, -6 ORFS x -6 ORB 45°	
	339909	1	• O-Ring -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
16	4137562	1	Hose, Right Front Cylinder to Lift Valve	Lift Valve Port C10, Cylinder Base Port
17	4129022	1	Hose, Lift Valve to Left Front Cylinder	Lift Valve Port C5, Cylinder Rod Port
18	4129021	1	Hose, Left Front Cylinder to Lift Valve	Lift Valve Port C6, Cylinder Base Port
19	4131862	2	Clamp, Double Hose	
20	353190	2	Plate, 0.026 One Way Orifice	
21	337317	2	Adapter, -6 ORB One Way Orifice	
22	339897	2	O-Ring, -6 ORB	

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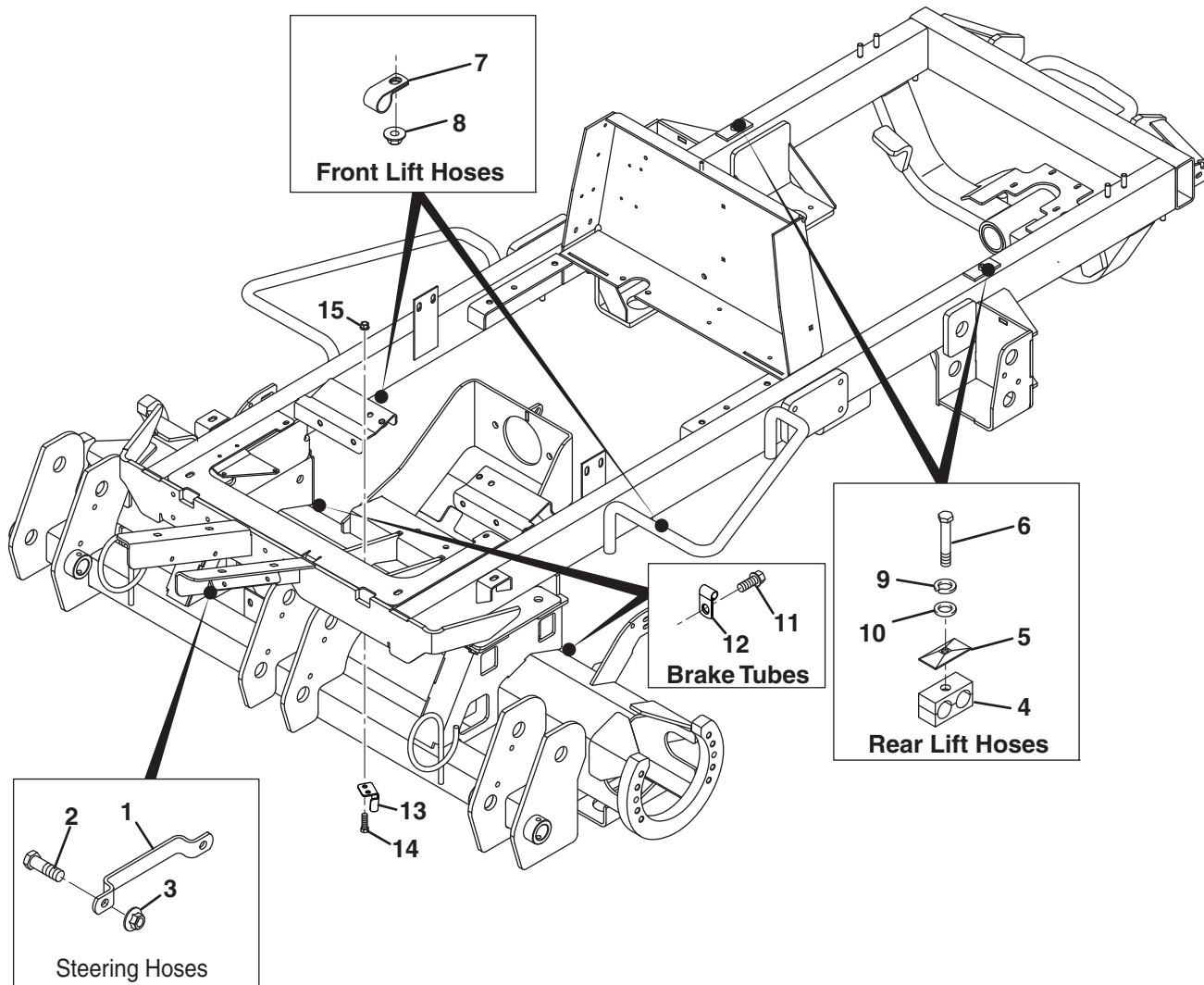
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4276057	1	Bracket, Tee Mount	
2	339985	3	Fitting, -8 ORFS x -10 ORB Straight	
	339910	1	• O-Ring, -8 ORFS	
	339899	1	• O-Ring, -10 ORB	
3	4129028	1	Hose, Gear Pump to Steering Valve	Steering Valve Port P
4	4212984	1	Valve, Steering	
	339908	2	• O-Ring, -4 ORFS	
	339909	3	• O-Ring, -6 ORFS	
5	4129029	1	Hose, Steering Valve to Lift Valve	Steering Valve Port E, Lift Valve Port P See 14.1 for valve mounting See 33.1 for valve service
6	4129069	1	Lift Valve	
7	340376	1	Fitting, -8 ORFS 90° Swivel	
	339910	1	• O-Ring, -8 ORFS	
8	4129027	1	Hose, Lift Valve to Return Tube	Lift Valve Port T
9	4128322	1	Tube, Return Hoses to Oil Filter	
	339909	3	• O-Ring -6 ORFS	
	339911	1	• O-Ring -10 ORFS	
10	4129030	1	Hose, Steering Valve to Return Tube	Steering Valve Port T
11	4129031	1	Hose, Steering Valve to Cylinder	Steering Valve Port L, Cylinder Base Port
12	4275370	1	Hose, Cylinder to Bulkhead Tee	Cylinder Rod Port
13	4137137	1	Cylinder, Steering	
	4137139	1	• Seal Kit	
14	1004541	1	Bracket, Steering Hoses	
15	340214	1	Tee, -4 ORFS Bulkhead Run	
	339908	3	• O-Ring, -4 ORFS	
16	339960	1	Nut, 9/16-18 -4 ORFS Nut	
17	4275371	1	Hose, Tee to Steering Valve	Steering Valve Port R

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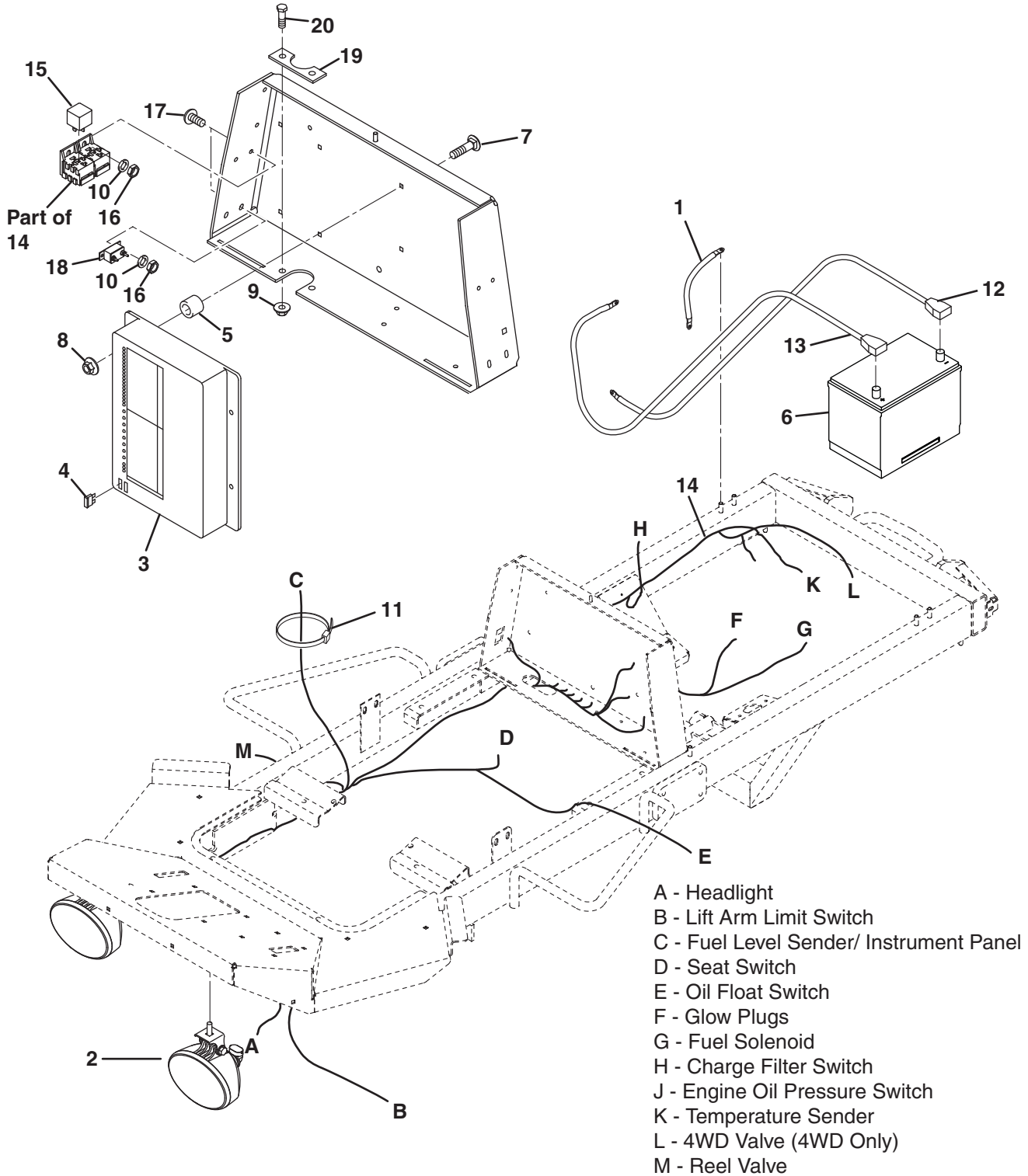
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	1004541	1	Bracket, Steering Hose Retaining	
2	403770	2	Screw, 5/16-18 x 3/4" Hex Flange	
3	445795	2	Nut, 5/16-18 Spirallock Flange	
4	4131862	2	Clamp, Double Hose	
5	4131864	2	Plate, Clamp	
6	400196	2	Screw, 5/16-18 x 2" Hex Head	
7	364190	2	Clamp, 1-1/2" I.D. Hose	
8	445796	2	Nut, 1/4-20 Spirallock Flange	
9	446136	2	Lockwasher, 5/16" Heavy	
10	452006	2	Flat Washer, 5/16"	
11	409811	2	Screw, 5/16-18 x 3/4" Thread Cutting	
12	367028	2	Clamp, 3/8" I.D.	
13	4276057	1	Bracket, Tee Mount	
14	400188	2	Screw, 5/16-18 x 1" Hex Head	
15	548911	2	Nut, 5/16-18 Hex Flange	

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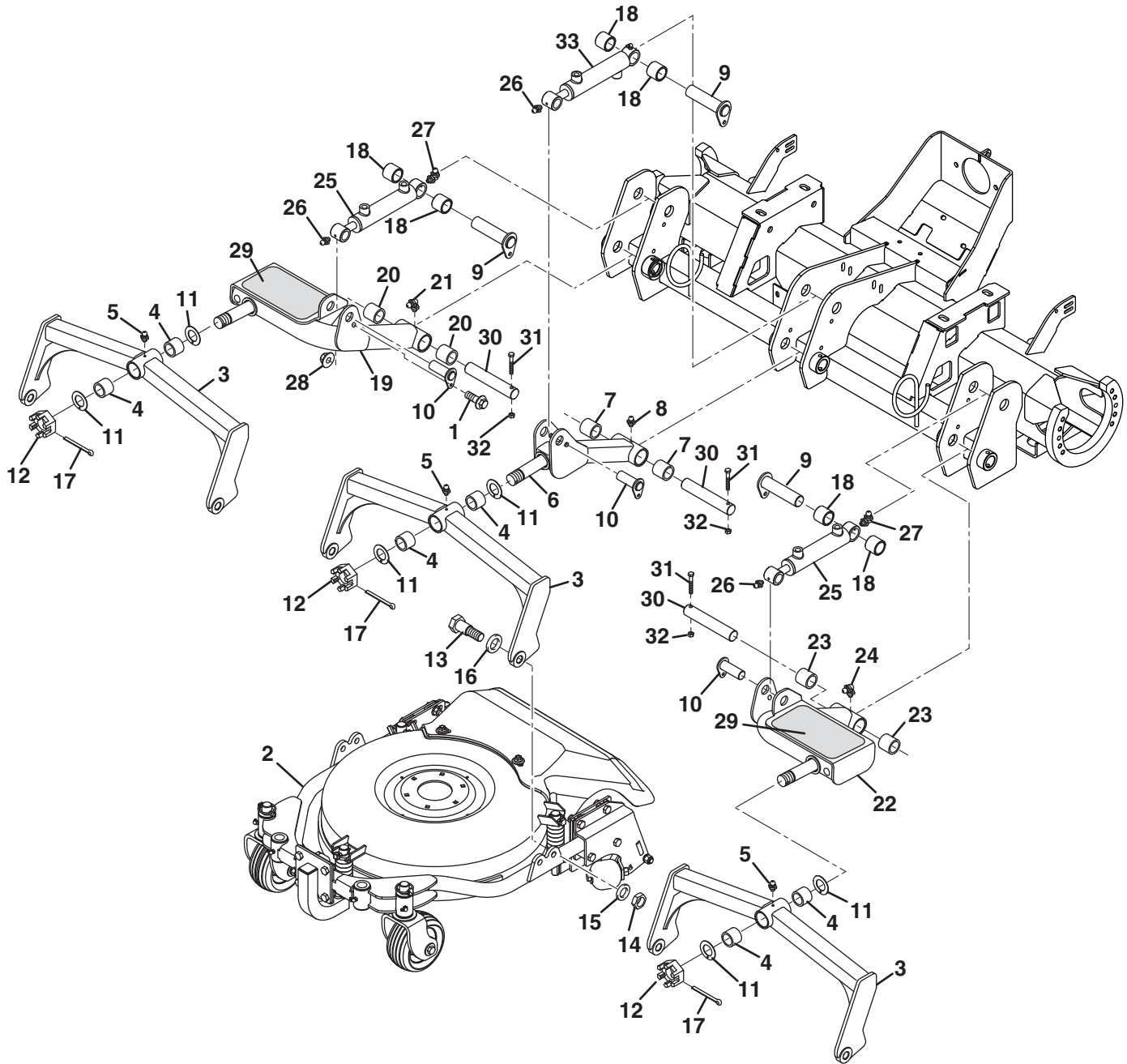
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	1004541	1	Bracket, Steering Hose Retaining	
2	403770	2	Screw, 5/16-18 x 3/4" Hex Flange	
3	445795	2	Nut, 5/16-18 Spirallock Flange	
4	4131862	2	Clamp, Double Hose	
5	4131864	2	Plate, Clamp	
6	400196	2	Screw, 5/16-18 x 2" Hex Head	
7	364190	3	Clamp, 1-1/2" I.D. Hose	
8	445796	2	Nut, 1/4-20 Spirallock Flange	
9	446136	2	Lockwasher, 5/16" Heavy	
10	452006	2	Flat Washer, 5/16"	
11	409811	2	Screw, 5/16-18 x 3/4" Thread Cutting	
12	367028	2	Clamp, 3/8" I.D.	
13	4276057	1	Bracket, Tee Mount	
14	400188	2	Screw, 5/16-18 x 1" Hex Head	
15	548911	2	Nut, 5/16-18 Hex Flange	
16	4294171	2	Bracket, Clip	See 11.2 for bracket mounting
17	4294295	1	Bracket, Clip	See 11.2 for bracket mounting
18	400258	2	Screw, 3/8-16 x 3/4" Hex Head	
19	548804	3	Nut, 3/8-16 Hex Flange	
20	345671	3	Clamp, 3/4" Tube	
21	400264	1	Screw, 3/8-16 x 1-1/4" Hex Head	

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Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	2810424	1	Cable, Engine Ground	Engine Mount to Frame
2	4122840	2	Headlight	REFERENCE L-1 & L-2, See 36.1
	4123183	1	• Bulb	
3	4285211	1	Controller	REFERENCE U-6, See 36.1
4	5003282	2	• Fuse, 20 Amp	REFERENCE F-1 & F-2, See 36.1
5	4278911	4	Spacer	
6	N/S	1	Battery	REFERENCE B-1, See 36.1
7	441610	4	Carriage Bolt, 1/4-20 x 2"	
8	444708	4	Locknut, 1/4-20 Center	
9	445796	2	Nut, 3/8-16 Spirallock Flange	
10	444310	4	Nut, #10-24 Hex	
11	473142	1	Cable Tie	
12	2810213	1	Cable, Negative Battery	Battery to Muffler Bracket
13	3007777	1	Cable, Positive Battery	Battery to Starter
14	4270570	1	Body Wire Harness	
	4293012	1	• Board, Varistor	
	2811608	1	• Cap, Varistor Board	
15	4193880	3	• Relay-SPDT With Diode	REFERENCE K-1 & K-2, See 36.1
16	446118	4	Lockwasher, #10	
17	403910	4	Screw, #10-24 x 1/2" Truss Head	
18	361439	1	Circuit Breaker, 12V 50A	REFERENCE CB-1, See 36.1
19	3009251	1	Tab, Harness	
20	400258	2	Screw, 3/8-16 x 3/4" Hex Head	

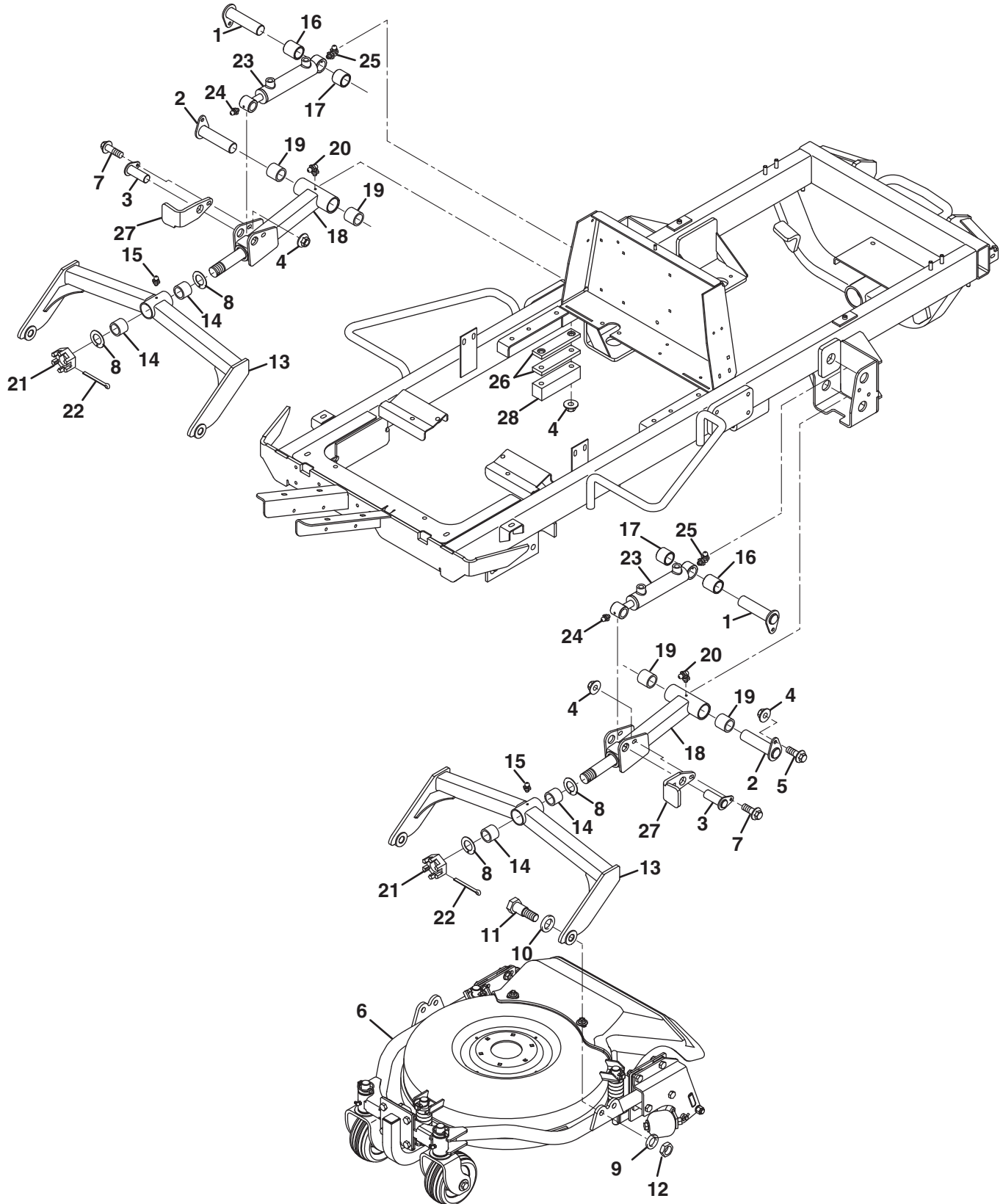
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Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	548905	6	Screw, 3/8-16 x 1" Serrated Flange	See 27.1
2	REF	3	Deck Assembly	
3	4125547	3	Front Deck Pivot	
4	4127480	2	• Bushing	
5	471214	1	• Straight Grease Fitting	
6	4125919	1	Center Lift Arm	
7	3010489	2	• Bushing	
8	471214	1	• Straight Grease Fitting	
9	4126447	3	Pin, Arm	
10	4126450	3	Pin, Cylinder	
11	4127192	6	Plastic Washer	
12	4127556	3	Nut, 1-1/4-7 Slotted Hex	
13	4131849	6	Shoulder Bolt, 3/4 x 5/8-11 x 2-1/8"	
14	444752	6	Locknut, 5/8-11 Center	
15	452016	6	Flat Washer, 5/8	
16	310452	6	Flat Washer	
17	460068	3	Cotter Pin, 1/4 x 2"	
18	4131963	6	Spacer, Cylinder	
19	4171884	1	Right Front Lift Arm	
20	3010489	2	• Bushing	
21	471221	1	• 90° Grease Fitting	
22	4171883	1	Left Front Lift Arm	
23	3010489	2	• Bushing	
24	471221	1	• 90° Grease Fitting	
25	4271772	2	Cylinder, Lift	
	4276833	1	• Seal Kit	
26	471214	3	Straight Grease Fitting	
27	471221	3	90° Grease Fitting	
28	445783	6	Nut, 3/8-16 Whizlock Flange	
29	4134575	2	Pad, Step	
30	4181006	3	Pin, Arm	
31	400198	3	Screw, 5/16-18 x 2-1/4"	
32	444718	3	Locknut, 5/16-18 Center	
33	4271773	1	Cylinder, Center Lift	
	4276833	1	• Seal Kit	

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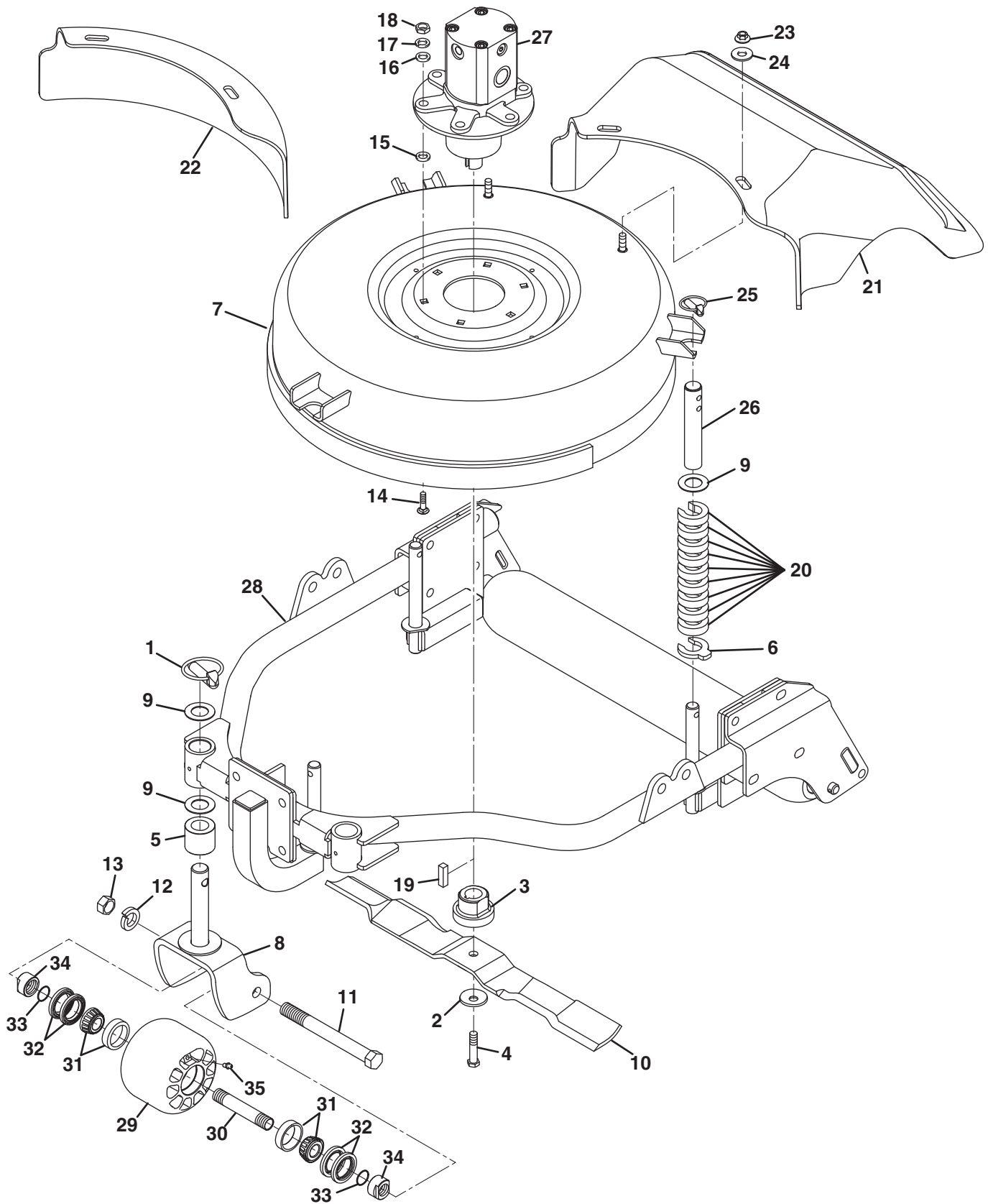
26.1 Rear Lift Arms



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4131422	2	Pin, Rear Cylinder	See 27.1 Add pads as required to prevent deck contacting engine oil pan.
2	4131420	2	Pin, Rear Lift Arm	
3	4126450	2	Pin, Cylinder	
4	445783	10	Nut, 3/8-16 Whizlock Flange	
5	548905	4	Screw, 3/8-16 x 1" Serrated Flange	
6	REF	2	Deck Assembly	
7	548907	2	Screw, 3/8-16 x 1/1/4" Ser Flange	
8	4127192	4	Washer, Plastic	
9	452016	4	Flat Washer, 5/8"	
10	310452	4	Flat Washer, 3/4"	
11	4131849	4	Shoulder Bolt, 3/4 x 5/8-11 x 2-1/8	
12	444752	4	Locknut, 5/8-11 Center	
13	4125180	2	Rear Deck Pivot	
14	4127480	2	• Bushing	
15	471214	1	• Straight Grease Fitting	
16	4131965	2	Spacer, Cylinder	
17	4131964	2	Spacer, Cylinder	
18	4132846	2	Rear Lift Arm	
19	3010489	2	• Bushing	
20	471221	1	• 90° Grease Fitting	
21	4127556	2	Nut, 1-1/4-7 Slotted Hex	
22	460076	2	Cotter Pin, 1/4 x 3"	
23	4271772	2	Cylinder, Lift	
	4276833	1	• Seal Kit	
24	471214	2	Straight Grease Fitting	
25	471221	2	90° Grease Fitting	
26	4134626	AR	Pad, Deck Stop	
27	4136022	2	Deck Stop	
28	4137716	2	Deck Stop	

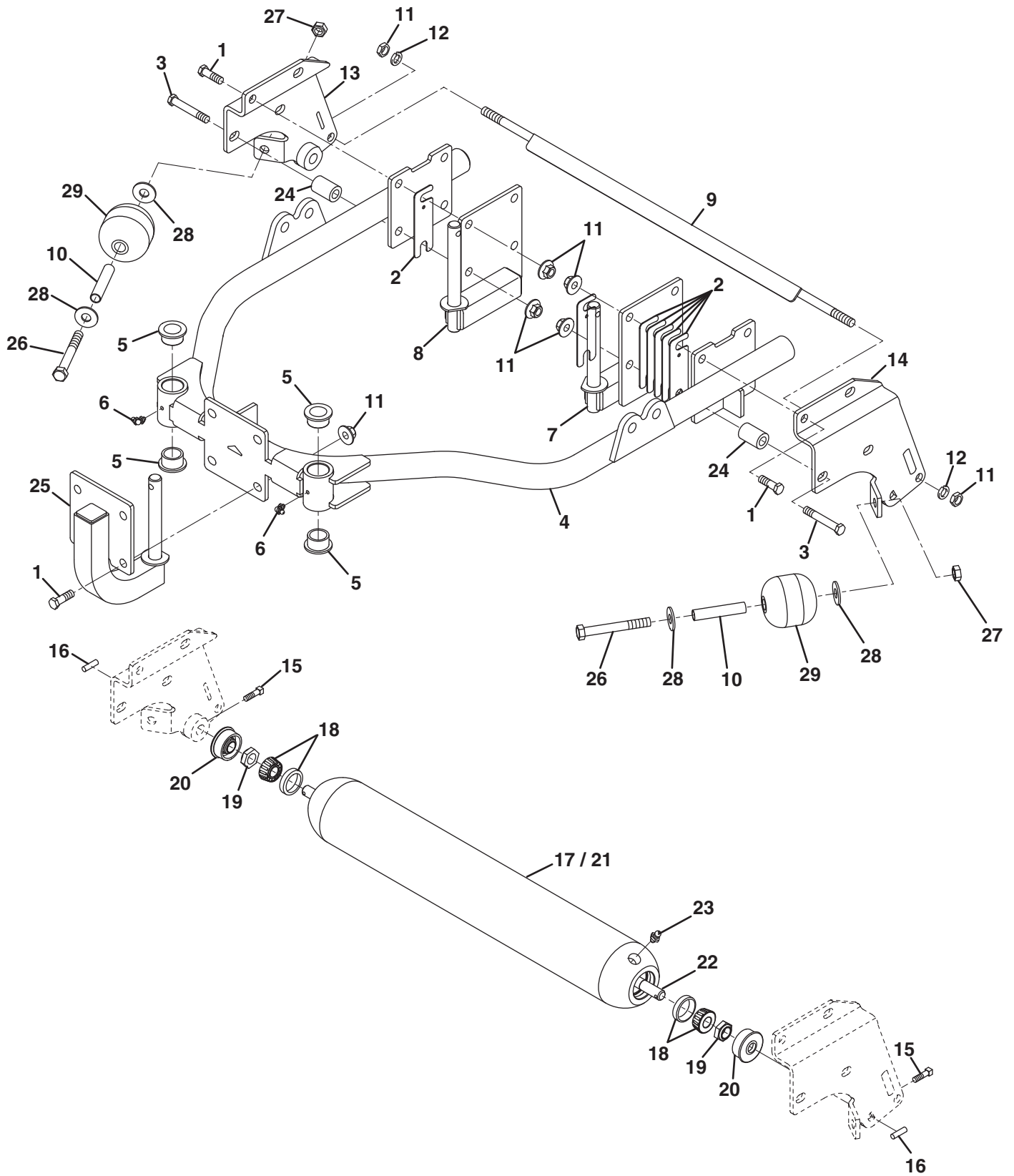
> Change from previous revision

27.1 Deck Housing and Caster Wheels



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	3004894	2	Pin, 7/16 x 1-3/4" Snap Ring	
2	3007764	1	Washer, Blade	
3	3008388	1	Adapter, Blade	
4	400410	1	Screw, 1/2-13 x 1-3/4" Hex Head	
5	4251191	2	Spacer, Yoke	
6	4117807	3	Spacer	
7	4212661	1	Deck Housing	
8	4251174	2	Caster Wheel Yoke	
9	4124076	4	Flat Washer, 1"	
10	4163106	1	Blade, 22-3/8" Combination	Standard Blade
10	4137186	1	Blade, 22-3/8" High Lift	Optional High Lift Blade
10	4124087	1	Blade, 22-3/8" Low Lift	Optional Low Lift Blade
11	64123-118	2	Screw, 5/8-11 x 5-3/4" Hex Head	
12	446164	2	Lockwasher, 5/8	
13	443126	2	Nut, 5/8-11 Hex	
14	440124	6	Carriage Bolt, 3/8-16 x 1-3/4"	
15	4139787	6	Nut, Push On	
16	453011	6	Flat Washer, 3/8	
17	446142	6	Lockwasher, 3/8 Heavy	
18	443110	6	Nut, 3/8-16 Hex	
19	557523	1	Key, 1/4 Square x 1"	
20	PJH1054	27	Spacer, Cutting Height	
21	4163124	1	Chute, Rear Discharge	
22	4163125	1	Cover, Mulching	
23	445783	3	Nut, 3/8-16 Whizlock Flange	
24	452010	3	Washer, 7/16 x 1-1/4"	
25	365948	3	Pin, 1/4 x 1-3/4" Snap Ring	
26	4133007	3	Sleeve, Cutting Height	
27	4256392	1	Motor, Deck	
	4136829	1	• Seal Kit	
	4115706	1	• Check Valve	
28	REF	1	Deck Frame	See 28.1
29	4251124	2	Wheel, Caster	
30	4251126	1	• Spacer, Yoke	
31	500534	2	• Bearing, Cup and Cone	
32	4251127	4	• Seal, Grease	
33	4251129	2	• O-Ring	
34	4251128	2	• Spacer, Bearing	
35	4246353	1	• Grease Fitting, 1/4-28	

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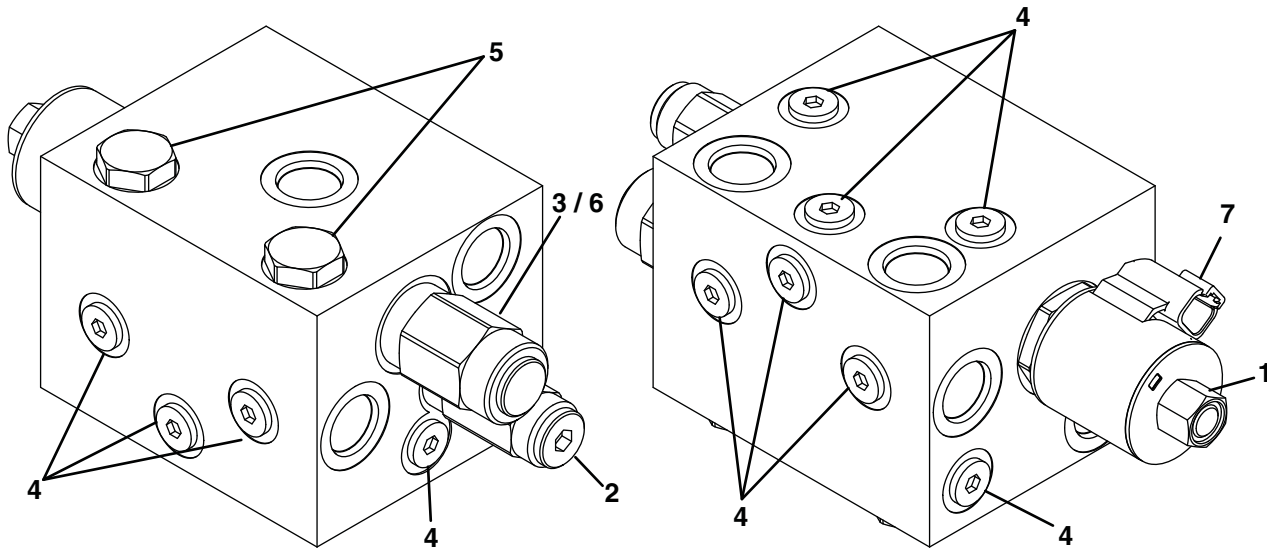


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	452411	8	Screw, M12-1.75 x 40 mm Hex Head	
2	4161960	12	Spacer, Deck HOC Bracket	
3	452415	4	Screw, M12-1.75 x 80 mm Hex Head	
4	4137665	1	Deck Frame	Front Decks
4	4137674	1	Deck Frame	Rear Decks
5	4251319	4	Bushing, Flange	
6	471221	AR	Grease Fitting, 90°	
7	4124423	1	LH Rear Cutting Height Bracket	
8	4124425	1	RH Rear Cutting Height Bracket	
9	4183948	1	Scraper, Roller	
10	4137534	2	Sleeve, Roller	
11	452438	14	Nut, M12-1.75 Hex Flange	
12	450413	2	Lockwasher, M12	
13	4163089	1	RH Roller Bracket	
14	4163087	1	LH Roller Bracket	
15	434004	2	Screw, 5/16-18 x 1" Hex Socket	
16	316938	2	Roll Pin, 3/16 x 1"	
17	4163121	1	Roller Assembly	
18	503378	2	• Bearing Cup and Cone	
19	367029	1	• Locknut, 3/4-16 Hex Jam	
20	3010210	2	• Seal	
21	4163122	1	• Tube, Roller	
22	4124015	1	• Shaft, Roller	
23	471214	2	• Grease Fitting, Straight	
24	4124129	4	Spacer	
25	4124395	1	Front Cutting Height Bracket	
26	450059	2	Screw, M12-1.75 x 100 mm Hex Head	
27	450380	2	Locknut, M12-1.75	
28	450402	4	Flat Washer, M12	
29	2198153	2	Roller, 3"	

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29.1 Deck Valve

Part Number 4217900

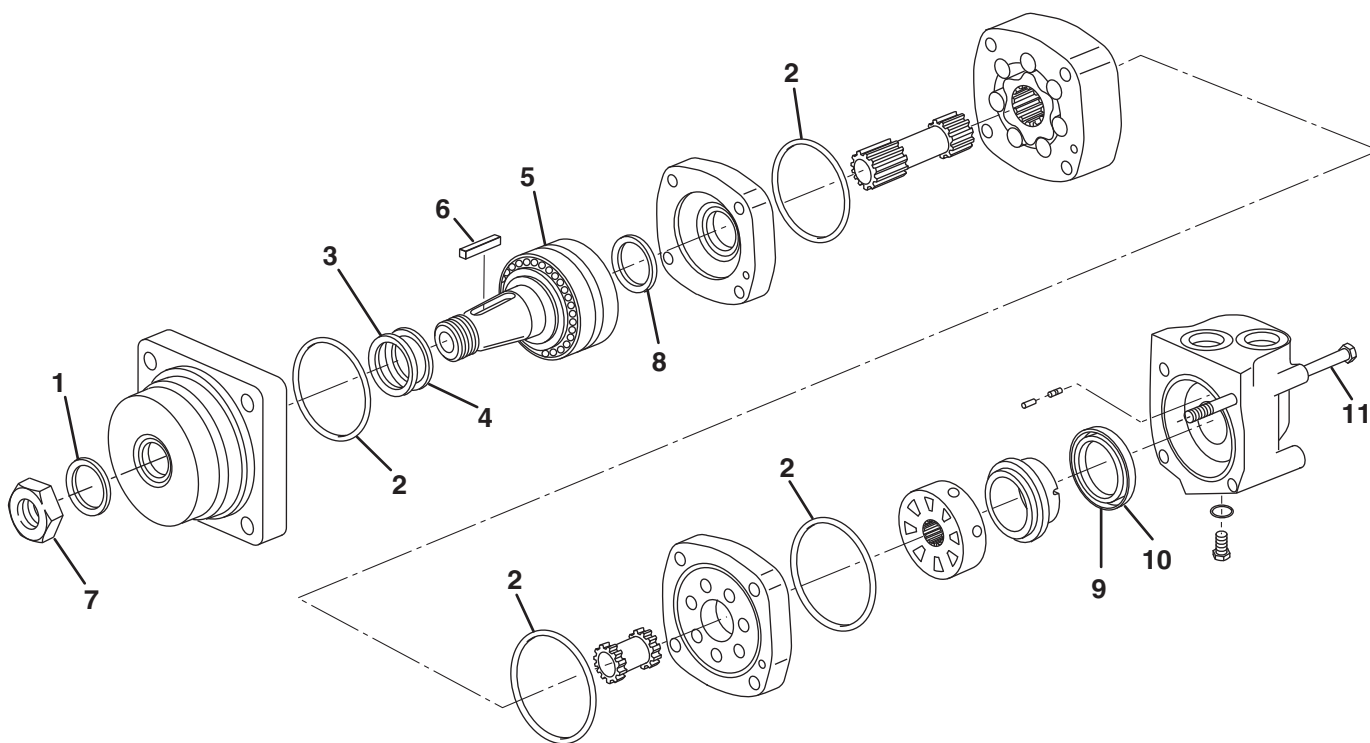


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4223600	1	Solenoid Valve	Reference K-7, See 36.1
	4223640	1	• Seal Kit	
2	4279791	1	Relief Valve, 2800 psi	
	5003579	1	• Seal Kit	
3	5002912	1	Relief Valve, 630 psi	
	5003554	1	• Seal Kit	
4	3010199	8	Plug, -6 ORB	
5	5000049	2	Check Valve	
	5003579	1	• Seal Kit	
6	4223621	1	Piston, Pilot	
7	4134530	1	Coil, Solenoid Valve	

> Change from previous revision

30.1 Rear Wheel Motor

Part Number 4270035



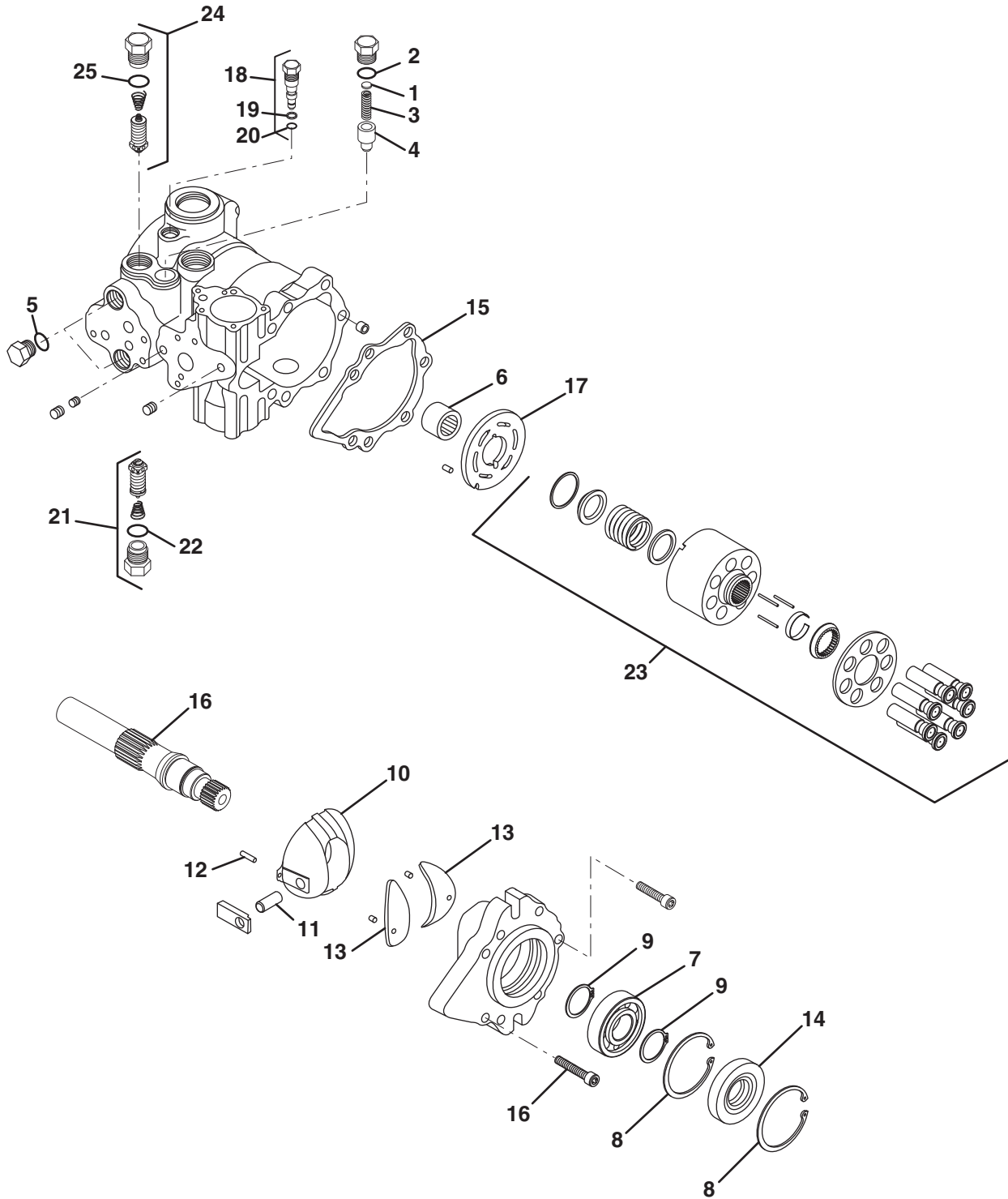
Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	A	1	Seal Exclusion	
2	A	4	Seal, 3" I.D.	
3	A	1	Back Up Ring	
4	A	1	Shaft Seal	
5	5003384	1	Shaft and Bearing Kit	
6	554780	1	Key	
7	554779	1	Hex Nut	
8	A	1	Shaft Face Seal	
9	A	1	Inner Face Seal	
10	A	1	Outer Face Seal	
11	4275350	4	Bolt	
	5003385	1	Seal Kit	Includes Items Marked A

> Change from previous revision

31.1 Traction Pump (Front Half)

Part Number 4290391

Serial No. All

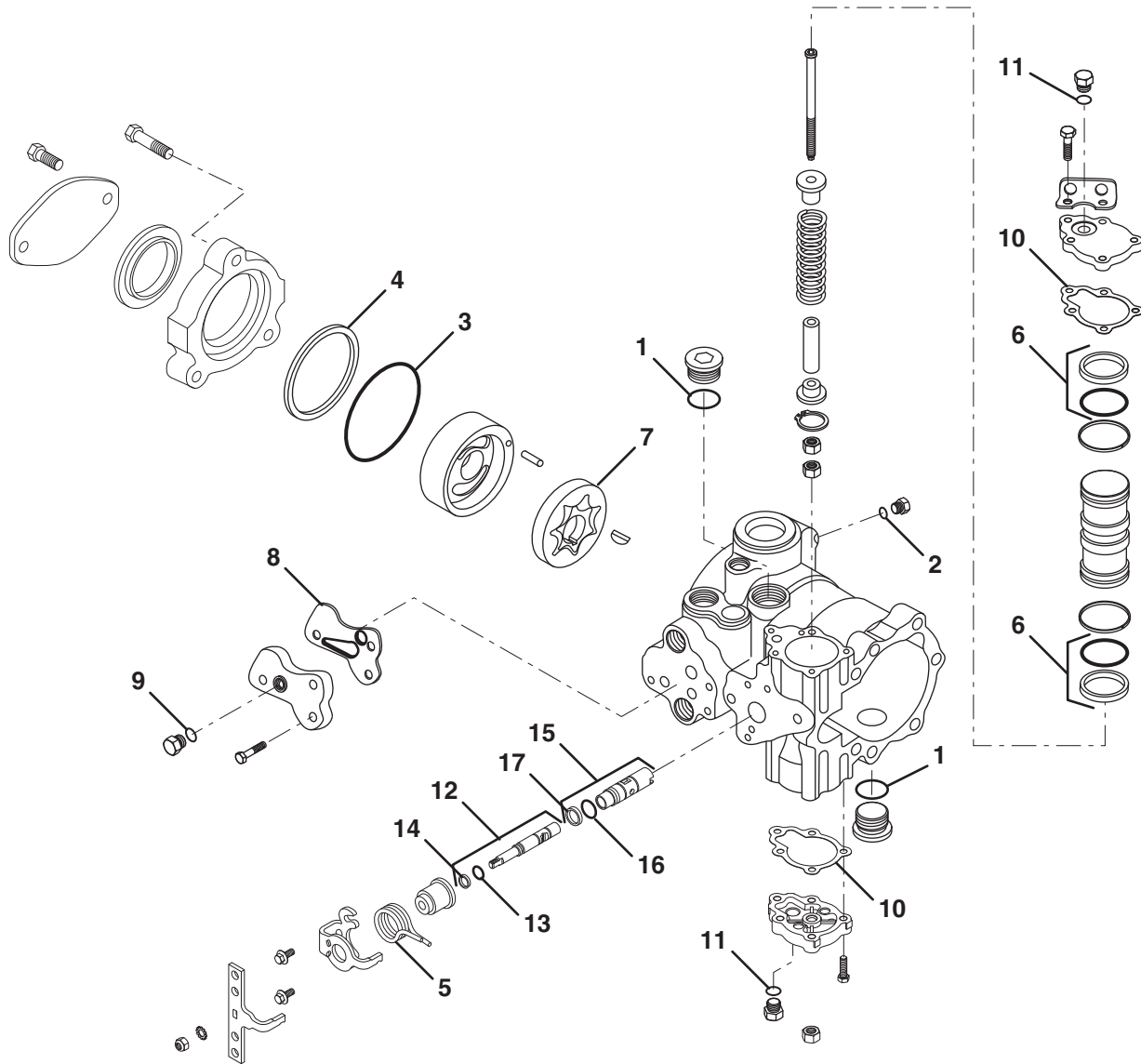


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4134588	1	Shim Kit	
● 2	N/S	1	O-Ring	
3	4134589	1	Charge Relief Spring	
4	4134590	1	Charge Relief Valve	
5	4134591	2	O-Ring	
6	4134592	1	Needle Bearing	
7	4134594	1	Roller Bearing	
8	4134595	2	Retaining Ring	
9	4134596	2	Ring	
10	4134597	1	Variable Swashplate	
11	4134606	1	• Pin	
12	4134607	1	• Pin	
13	4134608	2	Journal Bearing	
● 14	5003433	1	Shaft Seal	
● 15	NS	1	Front Cover Gasket	
16	4134609	1	Pump Shaft	
17	4134610	1	Valve Plate	
18	4134612	1	Bypass Valve	
● 19	N/S	1	• Backup Ring	
● 20	N/S	1	• O-Ring	
21	5003434	1	Relief Valve, 3625 psi	B Port Relief Valve
22	4134613	1	• O-Ring	
23	4134614	1	Cylinder Block Kit	
24	4267670	1	Relief Valve, 4350 psi	A Port Relief Valve
25	4134613	1	• O-Ring	
●	5003034	1	Seal Kit	Includes all Items marked ●

> Change from previous revision

32.1 Traction Pump (Rear Half)

Part Number 4290391 (Cont)

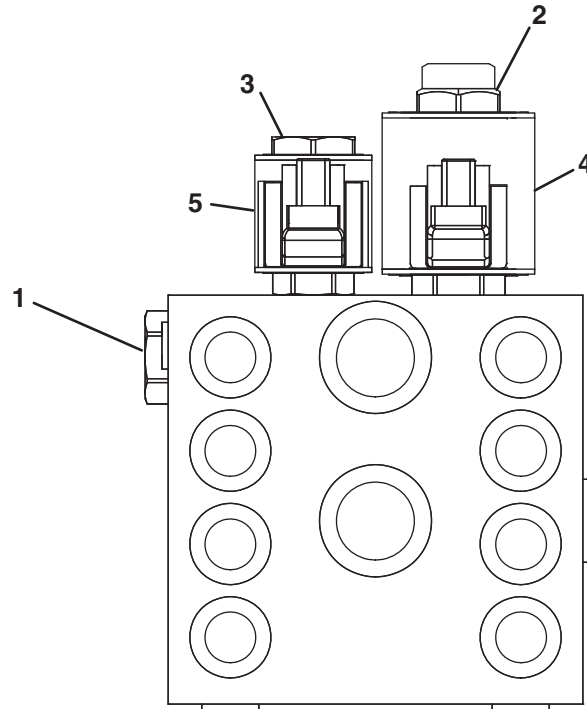


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4134615	1	O-Ring	
2	4134616	1	O-Ring	
● 3	NS	1	O-Ring	
● 4	NS	1	Temper Load Ring	
5	4134617	1	Neutral Return Spring	
● 6	4134618	1	Piston Ring Kit	
7	4134619	1	Gerotor	
● 8	NS	1	Suction Filter Adapter Seal	
9	4134620	1	O-Ring	
● 10	NS	2	Servo Cover Gasket	
11	4134621	2	O-Ring	
12	4134622	1	Spool Assembly	
● 13	NS	1	• O-Ring	
● 14	NS	1	• Backup Ring	
15	4134623	1	Sleeve Assembly	
● 16	NS	1	• O-Ring	
● 17	NS	1	• Backup Ring	
●	5003034	1	Seal Kit	Includes all Items marked ●

> Change from previous revision

33.1 Lift Valve

Part Number 4129069

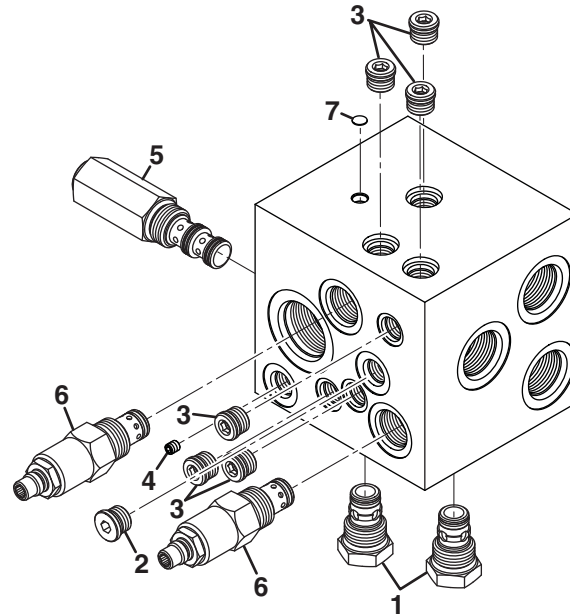


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4134528	1	Check Valve	REFERENCE K-5, See 36.1 REFERENCE K-6, See 36.1
	5003579	1	• Seal Kit	
2	4134529	1	Solenoid Valve	
	5003579	1	• Seal Kit	
3	4136067	1	Solenoid Valve	
	5003578	4	• Seal Kit	
4	4134530	1	Coil	
5	4142009	1	Coil	

> Change from previous revision

34.1 4WD Valve

Part Number 4209880

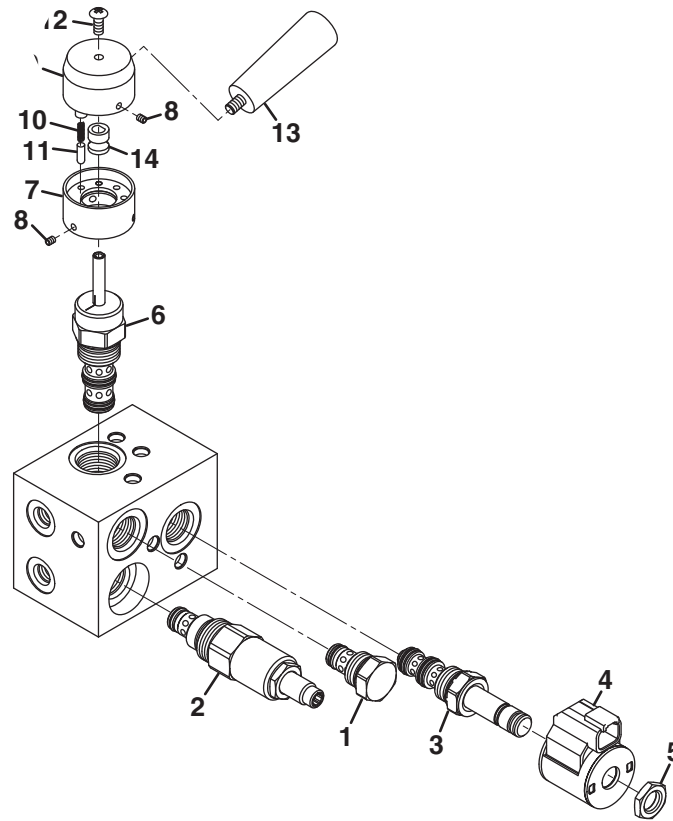


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4216681	2	Check Valve	
	4219520	1	• Seal Kit	
2	4216683	1	Plug, -6 Straight	
	N/S	1	• O-Ring	
3	4216684	6	Plug, -6 Tapered	
	N/S	1	• O-Ring	
4	4216685	1	Orifice, 0.52" Hex Socket	
5	4216686	1	Sequence Valve, 500 psi	
	4219540	1	• Seal Kit	
6	4216689	2	Relief Valve, 400 psi	
	4219520	1	• Seal Kit	
7	4216461	1	Plug, 8mm Expander	

> Change from previous revision

35.1 Brake Valve

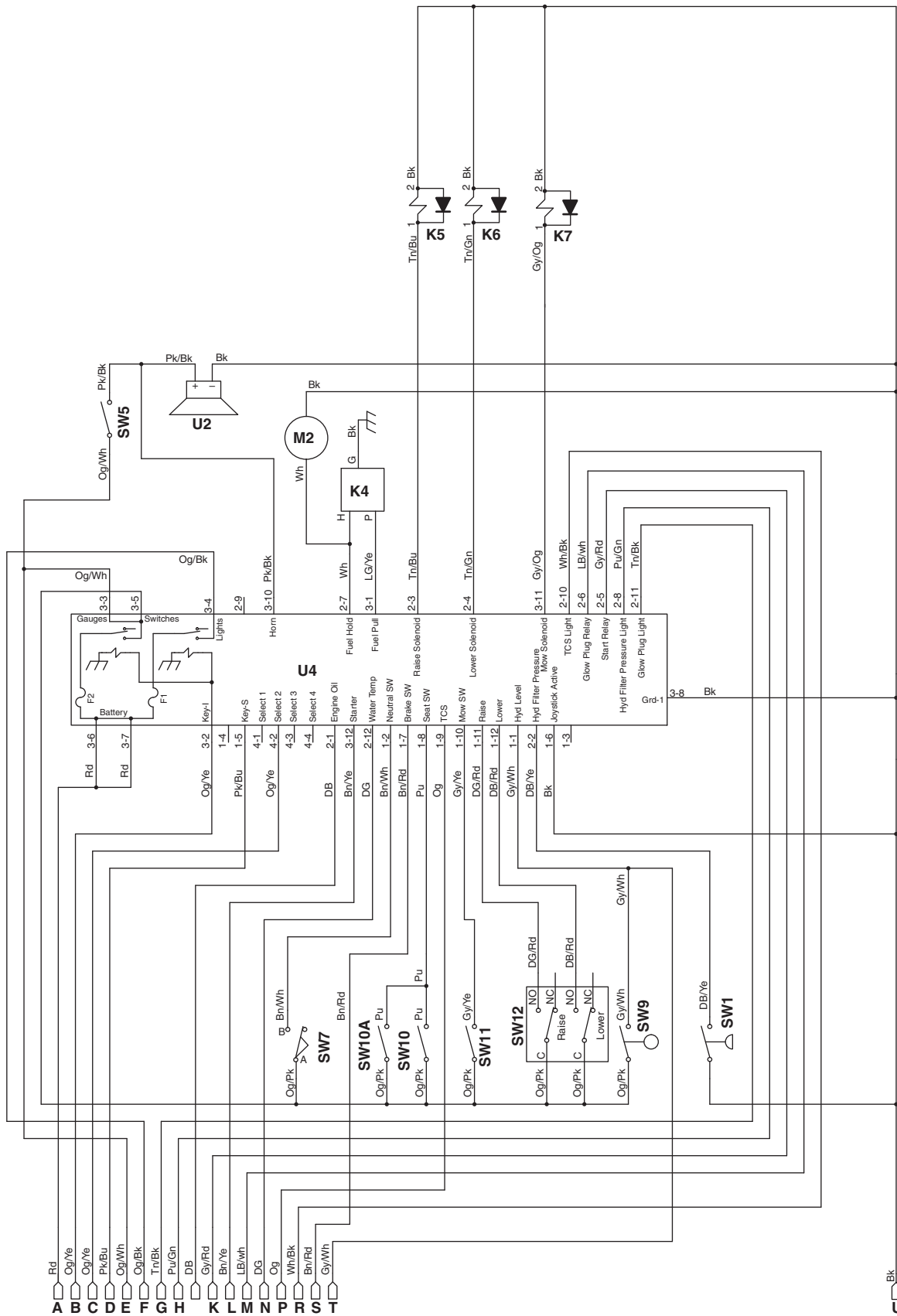
Part Number 4286672

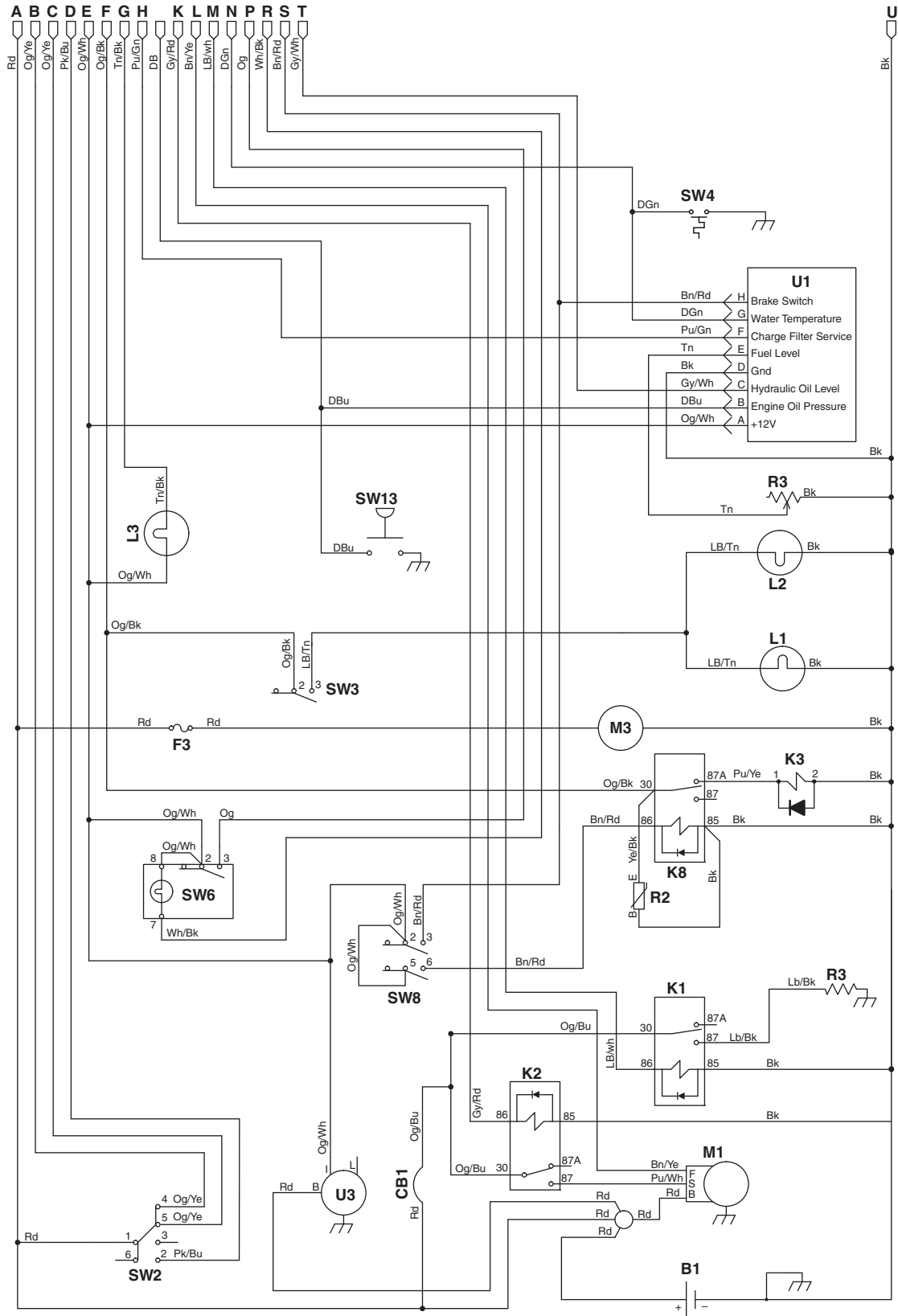


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4286673	1	Check Valve	REFERENCE K3, See 36.1 Set to 350 psi
	5003578	1	• Seal Kit	
2	4286674	1	Relief Valve, 350 psi	
	5003578	1	• Seal Kit	
3	4286675	1	Solenoid Valve	
	556858	1	• Seal Kit	
4	4114532	1	Coil, Solenoid Valve	
5	N/S	1	Nut, Coil	
6	4286676	1	Valve, Manual Rotary	
	5003579	1	• Seal Kit	
	4286677	1	Kit, Handle	
7	N/S	1	• Adapter Plate Assembly	
8	N/S	5	• Set Screw	
9	N/S	1	• Rotator	
10	N/S	1	• Spring, Detent	
11	N/S	1	• Pin, Detent	
12	N/S	1	• Screw, Rotator	
13	N/S	1	• Handle	
14	N/S	1	• Spacer	

> Change from previous revision

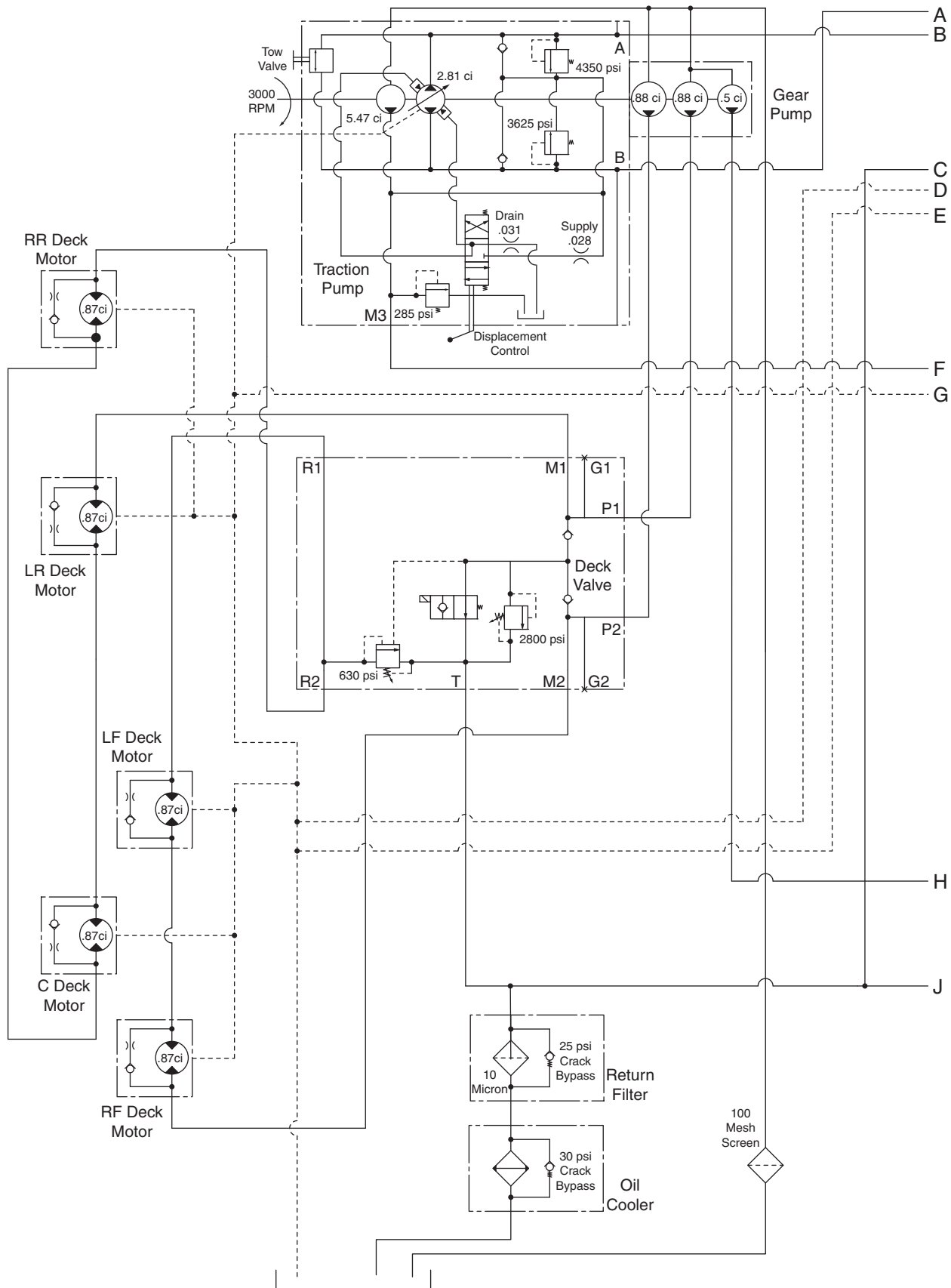
36.1 Electrical Schematic

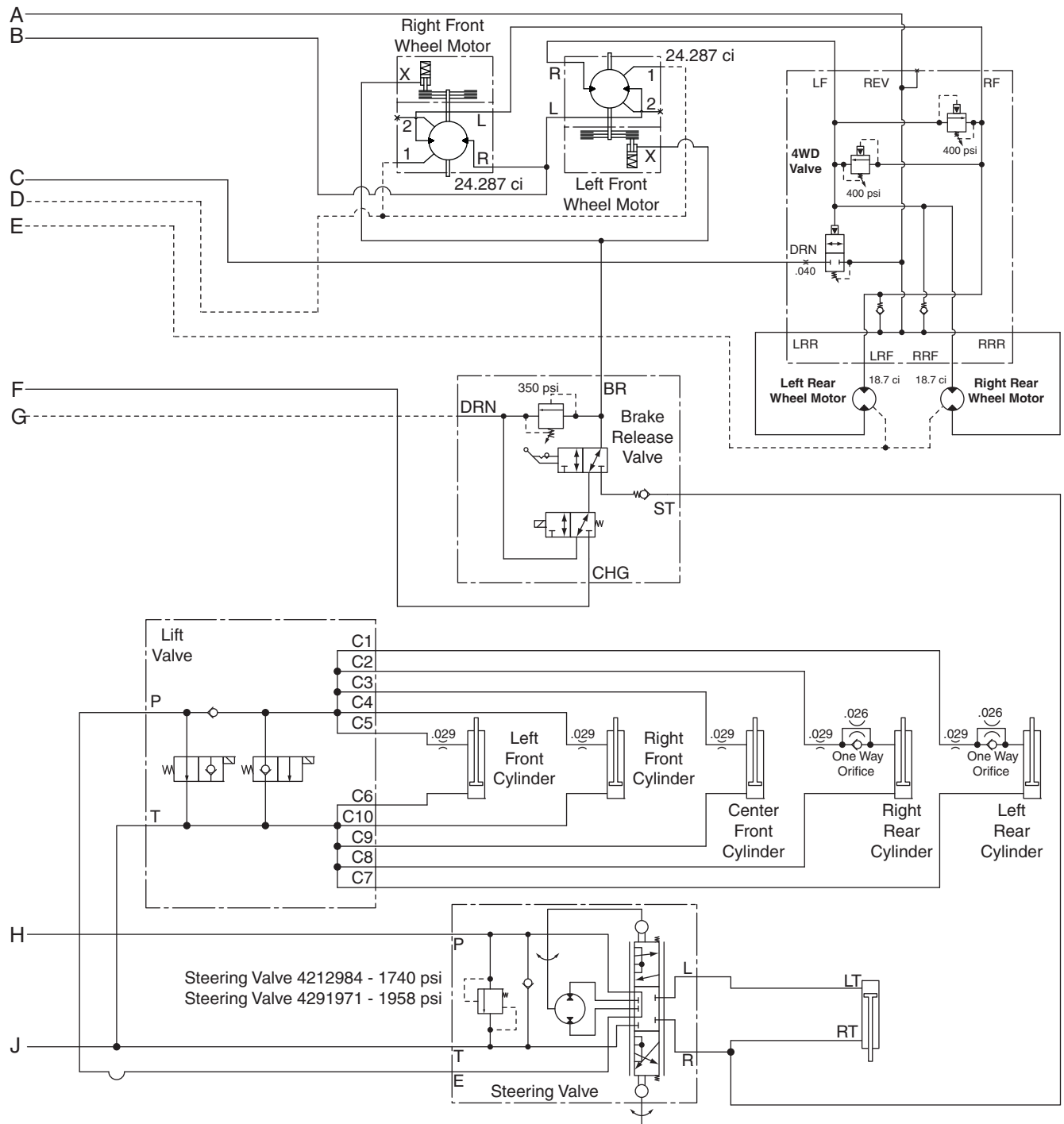





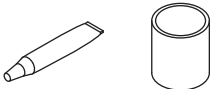
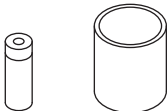

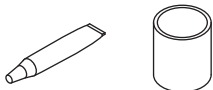

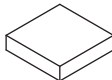
Item	Reference Illustration	Part Number	Description	Serial Numbers/Notes
B1	See 24.1	NS	Battery	
CB1	See 24.1	361439	50 Amp Circuit Breaker (Alternator)	
F1	See 24.1	5003282	20 Amp Fuse (Ignition Circuit)	Included in Controller
F2	See 24.1	5003282	20 Amp Fuse (Lights)	Included in Controller
F3	Not Shown		10 Amp Fuse (Air Ride Seat)	Optional Premium Seat
K1	See 24.1	4193880	Glow Plug Relay	
K2	See 24.1	4193880	Starter Relay	
K3	See 35.1	4286675	Brake Release Coil	
K4	Not Shown	4134270	Fuel Solenoid	Included with Engine
K5	See 33.1	4134530	Raise Solenoid Coil	
K6	See 33.1	4142009	Lower Solenoid Coil	
K7	See 30.1	4134532	Mow Coil	
K8	See 24.1	4193880	Brake Release Relay	
L1	See 24.1	4123183	Left Headlight Bulb	
L2	See 24.1	4123183	Right Headlight Bulb	
L3	See 4.1	N/S	Glow Plug Light	Included in 4270810
M1	Not Shown	556988	Starter Motor	Included in Engine
M2	See 13.1	4132489	Fuel Pump	
M3	Not Shown		Air Ride Seat Compressor	Optional Premium Seat
R1	See 13.1	3006337	Fuel Sender	
R2	Not Shown	4293012	Varistor	
R3	Not Shown	556996	Glow Plugs	Included in Engine
SW1	See 19.1	556419	Hydraulic Filter Pressure Switch	
SW2	See 4.1	4283269	Ignition Switch	OFF-1+6; 4+5 Run - 1+3+4+5+6 Start - 1+2+4+5+6
SW3	See 4.1	4130132	Light Switch	
SW4	See 11.1	367551	Engine Temperature Switch	
SW5	See 4.1	4130133	Horn Switch	
SW6	See 4.1	4137524	Traction Control System Switch	
SW7	See 5.1	4125831	Neutral Proximity Switch	
SW8	See 4.1	4139764	Parking Brake Switch	
SW9	See 13.1	3001279	Hydraulic Oil Level Switch	
SW10	See 3.1	4139450	Seat Switch	Standard Seat
SW10A	Not Shown		Seat Switch	Optional Premium Seat
SW11	See 4.1	2721505	Mow Switch	
SW12	See 4.1	1004290	Joystick	
SW13	Not Shown	554018	Engine Oil Pressure Switch	Included in Engine
U1	See 4.1	4270811	Combination Gauge	
U2	See 4.1	366670	Horn	
U3	Not Shown	5000938	Alternator	Included in Engine
U4	See 24.1	4285211	Controller	

37.1 Hydraulic Schematic





Fluids and Compounds

Hydraulic Fluid*		
5001405	Two 2-1/2 Gallon Container of ISO VG68 Oil	
5001404	One 5 Gallon Pail of ISO VG68 Oil	
2500548	Two 2-1/2 Gallon Container of 10W30 Oil	
2500546	One 5 Gallon Pail of 10W30 Oil	
503409	Two 2-1/2 Gallon Container of ATF Fluid	
503407	One 5 Gallon Pail of ATF Fluid	
Grease		
5000067	One 5 Gallon Pail OO-Grease	
5000068	Twenty Four 8 Ounce Tube OO-Grease	
Paint		
4184140	12 Ounce Orange Aerosol Can	
838140	16 Ounce Ransomes Green Aerosol Can	
4112764	1 Quart Can Ransomes Green	
Lapping Compound		
5002488	One 10 Pound Pail of 80 Grit	
5002490	One 25 Pound Pail of 80 Grit	
5002489	One 10 Pound Pail of 120 Grit	
5002491	One 25 Pound Pail of 120 Grit	
Specialty Compound		
365422	5.3 Ounce Tube of Electrical Insulating Gel	
5001581	14 Ounce Can of Lubriplate Multi Lube A	
Biodegradable Hydraulic Fluid*		
5003102	One 55 Gallon Drum Jacobsen GreensCare 68	
5003103	One 5 Gallon Pail Jacobsen GreensCare 68	
4294332	One 55 Gallon Drum Jacobsen GreensCare 68 Plus	
4219840	One 5 Gallon Pail Jacobsen GreensCare Plus 68	
5003105	One 55 Gallon Drum Jacobsen GreensCare 46	
5003104	One 5 Gallon Pail Jacobsen GreensCare 46	
4294331	One 55 Gallon Drum Jacobsen GreensCare 46 Plus	
4219860	One 5 Gallon Pail Jacobsen GreensCare Plus 46	
4115977	One 5 Gallon Pail Jacobsen Greens Care 32	
4114701	GreensCare Bio-Flush	
5003106	Twenty Four 14 Ounce Tube Greens Care Grease	
O-Ring Kit		
5002452	SAE O-Ring Boss (3/32 ~ 2" Tube O.D.)	
5002453	Common O-Ring Kit	
5002454	O-Ring Face Seal ORFS (-4 ~ -24 ORS Tube Size)	
On-Time Maintenance Kit		
See your local Jacobsen Dealer		

* Refer to the Parts & Maintenance manual for the correct hydraulic oil requirements for your machine.

Jacobsen offers a High Usage Parts Catalog illustrating commonly used Parts through easy to read line Drawings. See your local Jacobsen Dealer for a copy.

INDEX

008008460.....	17	3010489.....	19, 61, 63	340377.....	41, 43	400406.....	17, 19
1002810.....	11	3010651.....	21	345666.....	23	400408.....	7
1003288.....	13	306975.....	7	345671.....	57	400410.....	19, 29, 65
1004279.....	9	308404.....	13	351956.....	11	403751.....	9
1004290.....	11	310452.....	61, 63	352726.....	13	403769.....	31
1004541.....	53	315387.....	9	353914.....	19	403908.....	11
132647.....	31	316938.....	67	358794.....	23	403910.....	31
162236.....	29	322847.....	19	359615.....	23	403912.....	11
2000012.....	19	326112.....	23	360111.....	17, 19	404016.....	9, 11, 21, 31
2198153.....	67	333542.....	13	360885.....	11	409811.....	33, 55, 57
2810424.....	59	337229.....	23	361117.....	31	409812.....	9
2810702.....	31	339896.....	45	361439.....	59	4111408.....	5
2811364.....	21	339897.....	41, 43, 45, 49, 51	361451.....	19	4113047.....	15
2811365.....	21	339898.....	47	361647.....	19	4113986.....	25, 27
2811547.....	21	33989931, 37, 39, 41, 43,		361648.....	19	4114532.....	76
2811608.....	59	.....	49, 53	361689.....	35	4115706.....	49, 65
2812075.....	35	339900.....	35, 41, 43	361748.....	31	4117468.....	5
3000098.....	29	339901.....	35, 37, 39, 41, 43	362263.....	25, 27, 29	4117807.....	65
3001279.....	31	339903.....	35	362743.....	29	4118210.....	19
3001296.....	35	33990935, 37, 39, 41, 43,		363485.....	25, 27, 29	4121554.....	33, 35
3002195.....	23	.....	45, 47, 49, 51, 53	363586.....	29	4121828.....	19
3002397.....	31	339910.....	49, 53	364190.....	51	4121829.....	19
3002695.....	13	33991135, 37, 39, 41, 43,		364501.....	25, 27	4121852.....	33
3003474.....	13	.....	49, 53	365033.....	21	4121986.....	19
3003475.....	13	339912.....	37, 39, 41, 43	365398.....	23	4122538.....	35
3003928.....	9	339913.....	35	365948.....	65	4122840.....	59
3004523.....	25, 27	339915.....	35	365959.....	35	4123183.....	59
3004894.....	65	339921.....	35	365979.....	25, 27	4123723.....	9
3005871.....	31, 35	339960.....	45, 53	365981.....	25, 27	4123725.....	9
3005872.....	31	339972.....	45	366768.....	11	4124015.....	67
3006035.....	11	339977.....	45	366789.....	15	4124076.....	65
3006243.....	31	339979.....	49, 51	366870.....	15	4124087.....	65
3006327.....	13	339980.....	47	366974.....	13	4124129.....	67
3006332.....	31	339985.....	49, 53	367028.....	55, 57	4124204.....	19
3006337.....	31	339989.....	41, 43, 49	367029.....	67	4124395.....	67
3007230.....	13	339993.....	37, 39	367031.....	25, 27	4124423.....	67
3007609.....	9	339994.....	41, 43	367350.....	19	4124425.....	67
3007610.....	9	339996.....	37, 39, 41, 43	367551.....	25, 27	4124647.....	35
3007764.....	65	339998.....	35	400106.....	33	4124755.....	33, 35
3007776.....	59	339999.....	35	400108.....	25, 27, 31, 33	4125180.....	63
3007777.....	59	340009.....	49	400112.....	9	4125547.....	61
3007889.....	29	340026.....	43, 45, 51	400182.....	13	4125831.....	13
3008195.....	7	340030.....	49	400188.....	13, 15, 23, 55, 57	4125919.....	61
3008218.....	9	340034.....	41, 43	400190.....	9, 25, 27	4126447.....	61
3008383.....	13	340039.....	35	400192.....	19	4126450.....	61, 63
3008388.....	65	340061.....	45, 51	400194.....	19	4127192.....	61, 63
3008521.....	5	340070.....	41, 43, 49	400198.....	61	4127480.....	61, 63
3008673.....	35	340077.....	35	400216.....	21	4127556.....	61, 63
3008682.....	5	340090.....	35	400258.....	9, 33, 57	4128079A.....	23
3009204.....	31	340119.....	45, 49	400262.....	29	4128084.....	23
3009210.....	7	340143.....	49	400264.....	13, 23, 29, 57	4128322.....	35, 37, 39, 49,
3009251.....	59	340214.....	45, 53	400266.....	29	.....	53
3009292.....	9	340215.....	45	400272.....	11, 13	4128977.....	37, 39, 41, 43
3009347.....	31	340338.....	37, 39	400276.....	25, 27	4129015.....	49
3010199.....	68	340375.....	49	400286.....	29	4129018.....	51
3010210.....	67	340376.....	53	400370.....	15	4129019.....	51

INDEX

4129020.....	51	4134589.....	71	4139433.....	9	4211400.....	21
4129021.....	51	4134590.....	71	4139435.....	9	4211880.....	45
4129022.....	51	4134591.....	71	4139436.....	9	4212423.....	7
4129023.....	51	4134592.....	71	4139764.....	11	4212661.....	65
4129024.....	51	4134594.....	71	4139787.....	65	4212820.....	7
4129026.....	51	4134595.....	71	4140094.....	15	4212980.....	21
4129027.....	53	4134596.....	71	4141925.....	19	4212984.....	53
4129028.....	53	4134597.....	71	4142009.....	74	4214480.....	29, 49
4129029.....	53	4134606.....	71	4148857.....	35	4217900.....	33, 49
4129030.....	53	4134607.....	71	4149118.....	19	4221081.....	9
4129031.....	53	4134608.....	71	4150539.....	11	4223160.....	29
4129037.....	43	4134609.....	71	4151058.....	19	4223600.....	68
4129040.....	47	4134610.....	71	4161960.....	67	4223621.....	68
4129042.....	35	4134612.....	71	4163087.....	67	4223640.....	68
4129069.....	33, 51, 53	4134613.....	71	4163089.....	67	4236021.....	19
4129251.....	29	4134614.....	71	4163106.....	65	4237183.....	9
4129595.....	49	4134615.....	73	4163121.....	67	4238282.....	17
4129597.....	49	4134616.....	73	4163122.....	67	4238283.....	19
4129600.....	49	4134617.....	73	4163124.....	65	4238285.....	19
4129603.....	49	4134618.....	73	4163125.....	65	4244813.....	29
4129679.....	7	4134619.....	73	4164381.....	5	4246353.....	65
4129680.....	7	4134620.....	73	4165135.....	25, 27	4247312.....	21
4130132.....	11	4134621.....	73	4165143.....	25, 27	4251124.....	65
4130133.....	11	4134622.....	73	416911.....	21	4251126.....	65
4130360.....	7	4134623.....	73	4169363.....	15	4251127.....	65
4131137.....	9	4134626.....	63	4171883.....	61	4251128.....	65
4131420.....	63	4134631.....	5	4171884.....	61	4251129.....	65
4131422.....	63	4134870.....	5	4174240.....	25, 27	4251174.....	65
4131772.....	5	4135758.....	11	4174684.....	11	4251191.....	65
4131849.....	61, 63	4135765.....	25, 27	4176562.....	13	4251319.....	67
4131862.....	51	4136022.....	63	4176580.....	13	4251534.....	17
4131963.....	61	4136067.....	74	4177480.....	31	4252432.....	19
4131964.....	63	4136522.....	29	4177720.....	23	4252433.....	19
4131965.....	63	4136829.....	49, 65	4177740.....	23	4253491.....	21
4132489.....	31	4136902.....	9	4179022.....	5	4254030.....	51
4132688.....	19	4136923.....	9	4180020.....	23, 35	4255270.....	21
4132846.....	63	4137137.....	19, 53	4181006.....	61	4256392.....	49, 65
4132912.....	13	4137139.....	19, 53	4181860.....	5	4256510.....	21
4132913.....	9	4137186.....	65	4181861.....	5	4256511.....	21
4132917.....	9	4137382.....	49	4181862.....	5	4257474.....	5
4133007.....	65	4137383.....	49	4181864.....	5	4257475.....	5
4133054.....	17	4137524.....	11	4181865.....	5	4257812.....	15
4133119.....	9	4137534.....	67	4182386.....	5	4260632.....	23
4133121.....	9	4137561.....	49	4182392.....	13	4260633.....	23
4133609.....	5	4137562.....	49, 51	4183948.....	67	4263970.....	49
4133818.....	23	4137588.....	49	4187920.....	29	4265651.....	17, 37, 39, 47
4133820.....	23	4137589.....	49	4189940.....	23	4266290.....	25, 27
4133821.....	23	4137607.....	41, 43	4192520.....	15	4267670.....	71
4134528.....	74	4137608.....	41, 43	4193161.....	15	4268230.....	29
4134529.....	74	4137665.....	67	4193880.....	59	4269092.....	29
4134530.....	68, 74	4137674.....	67	4194327.....	5	4269671.....	29
4134575.....	61	4137716.....	63	4196102.....	7	4269871.....	35, 45, 47, 49
4134585.....	29	4138359.....	7	4199140.....	5	4269894.....	35
4134586.....	29	4138380.....	23	4201840.....	21	4270035.....	19, 41, 43
4134587.....	29	4138381.....	23	4209701.....	25, 27	4270155.....	37, 39
4134588.....	71	4139241.....	9	4209880.....	33, 41, 43	4270174.....	13

INDEX

4270397.....	29	4286675.....	76	446142 9, 23, 25, 27, 29,	5003384.....	69
4270410.....	29	4286676.....	76	65	5003385.....	69
4270570.....	59	4286677.....	76	446148.....	5003433.....	71
4270810.....	11	4288575.....	9	44615415, 17, 19, 25, 27,	5003434.....	71
4270811.....	11	4290391.....	29, 37, 39	.....	5003554.....	68
4271291.....	25, 27	4291971.....	21	446160.....	5003578.....	74, 76
4271292.....	25, 27	4293012.....	59	446164.....	5003579.....	68, 74, 76
4271330.....	25, 27	4294131.....	43	447224.....	5003769.....	9
4271370.....	17	4294132.....	39, 43	450059.....	500534.....	65
4271490.....	23	4294171.....	27, 57	450152.....	503378.....	67
4271772.....	51, 61, 63	4294172.....	43	450168.....	503626.....	31
4271773.....	51, 61	4294173.....	43	450322.....	523126.....	17
4274170.....	17	4294293.....	43	450380.....	548804.....	21, 29, 57
4274171.....	17	4294294.....	43	450390.....	548911.....	55, 57
4274172.....	17	4294295.....	27, 57	450400.....	550398.....	29
4274173.....	17	4302171.....	25, 27	450402.....	550863.....	23, 35
4274174.....	17	434004.....	67	450410.....	554748.....	23, 31
4274175.....	17	440042.....	13	450411.....	554752.....	31
4274176.....	17	440078.....	9	450413.....	554779.....	19, 69
4274177.....	17	440124.....	65	452004.....	554780.....	19, 69
4274830.....	17	441602.....	9, 15	452006.....	555771.....	33, 35
4275350.....	69	441610.....	59	452008.....	556419.....	33, 35
4275370.....	53	441614.....	21, 29	452010.....	556858.....	76
4275371.....	53	441624.....	23	452016.....	557367.....	23
4275510.....	29	441677.....	21	452022.....	557374.....	23
4276057.....	53, 55, 57	443102.....	13	452380.....	557523.....	65
4276833.....	51, 61, 63	443106.....	17, 19	452411.....	557619.....	31
4277341.....	11	443110 23, 25, 27, 29, 65		452415.....	557844.....	5, 15
4278011.....	35	443112.....	13	452418.....	64123-118.....	65
4278764.....	7	443118.....	29	452438.....	64163-53.....	25, 27
4278911.....	59	443126.....	65	453009.....	64205-054.....	21
4279791.....	68	443128.....	15	453011.....	64246-02.....	9
4282174.....	7	443828.....	21	453013.....	67844.....	15
4282791.....	37, 39	443840.....	15	453017.....	800062.....	17
4282811.....	37, 39	444302.....	13	453023.....	800440.....	13
4282812.....	37, 39	444310.....	11	460026.....	800709.....	31
4282831.....	37, 39	444708.....	9, 25, 27	460028.....	800794.....	7
4282834.....	45	444718 13, 19, 23, 29, 61		460032.....	800907.....	7
4282835.....	45	444758.....	7	460064.....	800943.....	9
4282836.....	45	444762.....	11, 29	461393.....	831053.....	9
4282837.....	45	445245.....	9, 21	471214.....	A1103051.....	29
4282839.....	47	445636.....	23	471221.....	PJH1054.....	65
4283269.....	11	445672.....	19	471227.....		
4283497.....	41	445781.....	17	472205.....		
4283500.....	37, 39, 41, 43	445783.....	65	48540-01.....		
4283652.....	11	445794.....	31	5000049.....		
4283653.....	11	445795 9, 13, 15, 21, 23,		5000465.....		
4283654.....	11	25, 27, 33		5002912.....		
4284131.....	29	445796.....	13, 23, 31	5002918.....		
4285211.....	59	446102.....	13	5002919.....		
4285811.....	5	446118.....	7, 31	5002952.....		
4285873.....	37, 41	446128.....	9, 13	5003034.....		
4286511.....	23	446130.....	33	5003076.....		
4286672.....	33	446134.....	15, 17	5003282.....		
4286673.....	76	446136.....	13, 19	5003373.....		
4286674.....	76	446140.....	23, 33	5003374.....		

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