

Take

A SIGNATURE CUT, TRUSTED FOR OVER 100 YEARS



PARTS MANUAL

Lightweight Fairway Mower

LF550 – 2WD & 4WD

T4F D1803 2WD/4WD -	068019 - 231155/431155
T4I D1803 4WD -	068019-411155
T4F V2403 4WD -	068019-461155
T4I V2403 4WD -	068019-451155
Stage 5 D1803 2WD/4WD -	068019-693404/693408
Stage 5 V2403 4WD -	068019 - 694103
Stage 5 V1505 2WD/4WD -	068019 - 693404E/693408E

LF570 – 2WD & 4WD

T4F D1803 2WD/4WD -	068019 - 231175/431175
T4I D1803 4WD -	068019-411175
T4F V2403 4WD -	068019-461175
T4I V2403 4WD -	068019-451175
Stage 5 D1803 2WD/4WD -	068019-693406/693410
Stage 5 V2403 4WD -	068019 - 694105
Stage 5 V1505 2WD/4WD -	068019 - 693406E/693410E

LF557 – 4WD

KUBOTA V2403 T4F
KUBOTA V2403 Stage 5

LF577 – 4WD

KUBOTA V2403 T4F
KUBOTA V2403 Stage 5

WARNING

WARNING: If incorrectly used this machine can cause severe injury. Those who use and maintain this machine must 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.

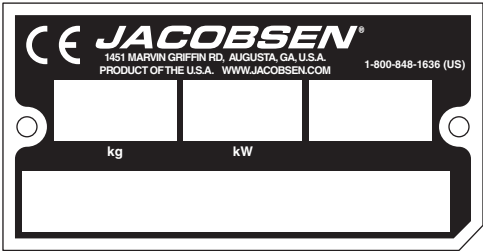
FOREWORD

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 left rear frame rail. Jacobsen recommends you record these numbers below for easy reference.



Service Parts

Qty.	Part No.	Description	Qty.	Part No.	Description
	4113986	Engine Oil Filter		2811255	Charge Filter
	4133820	Element, Primary Engine Air Filter		10016719	Return Filter
	4133821	Element, Safety Air Cleaner		4283654	Ignition Key
	4297133	Cartridge, Engine Fuel Filter		4123183	Headlight Bulb
	4297126	Element, Water Separator		4297258	Engine Fan Belt

CALIFORNIA Proposition 65



Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system
- Do not idle the engine except when necessary.

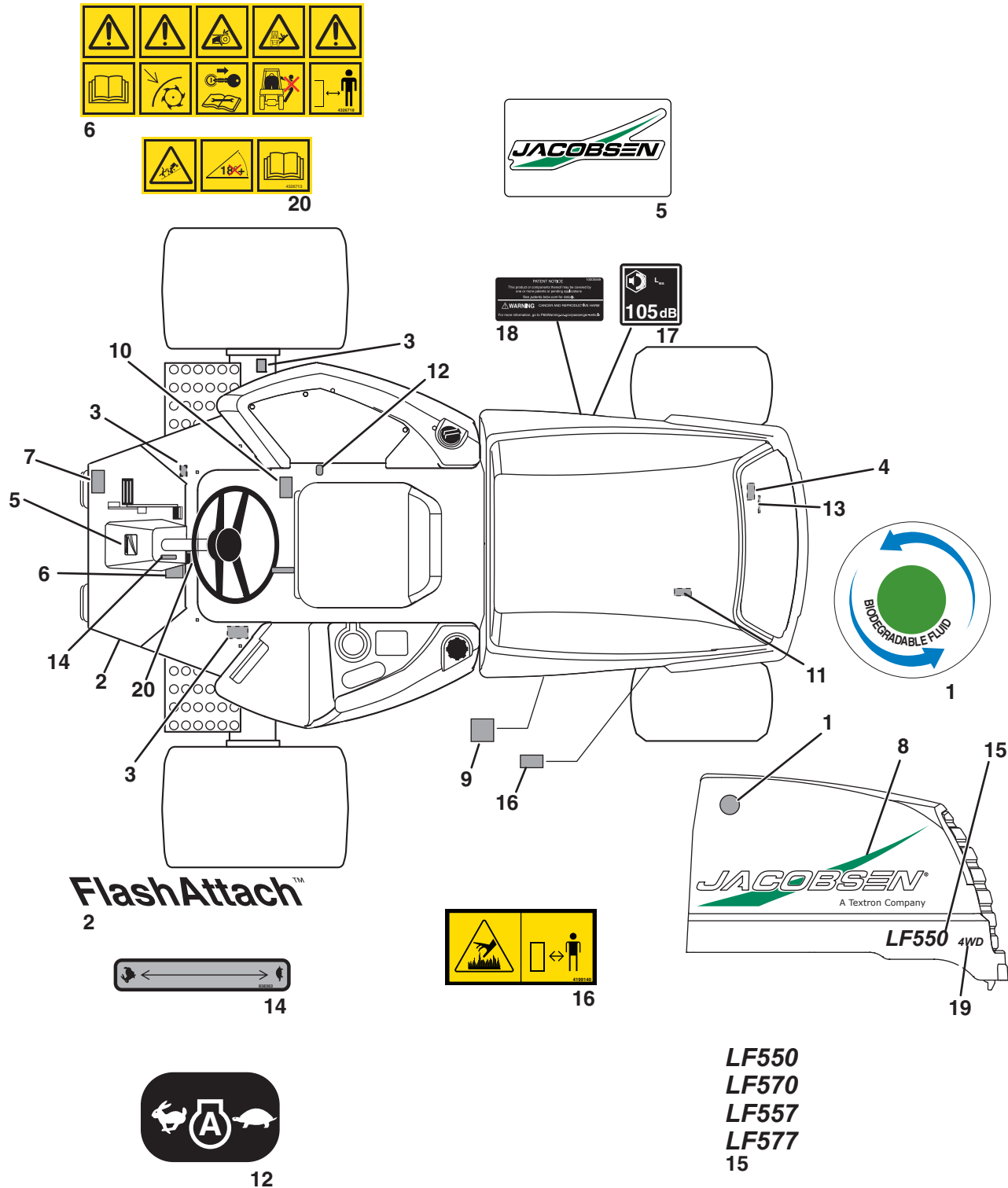
For more information go to
www.p65warnings.ca.gov/diesel

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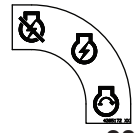
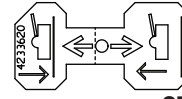
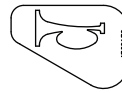
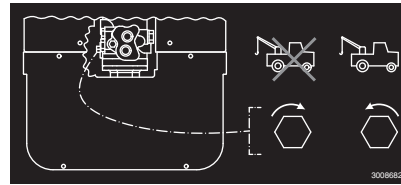
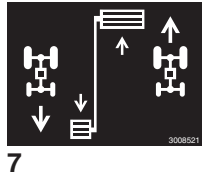
LIGHTWEIGHT FAIRWAY MOWER

1.1 Decals



LF550
LF570
LF557
LF577
15

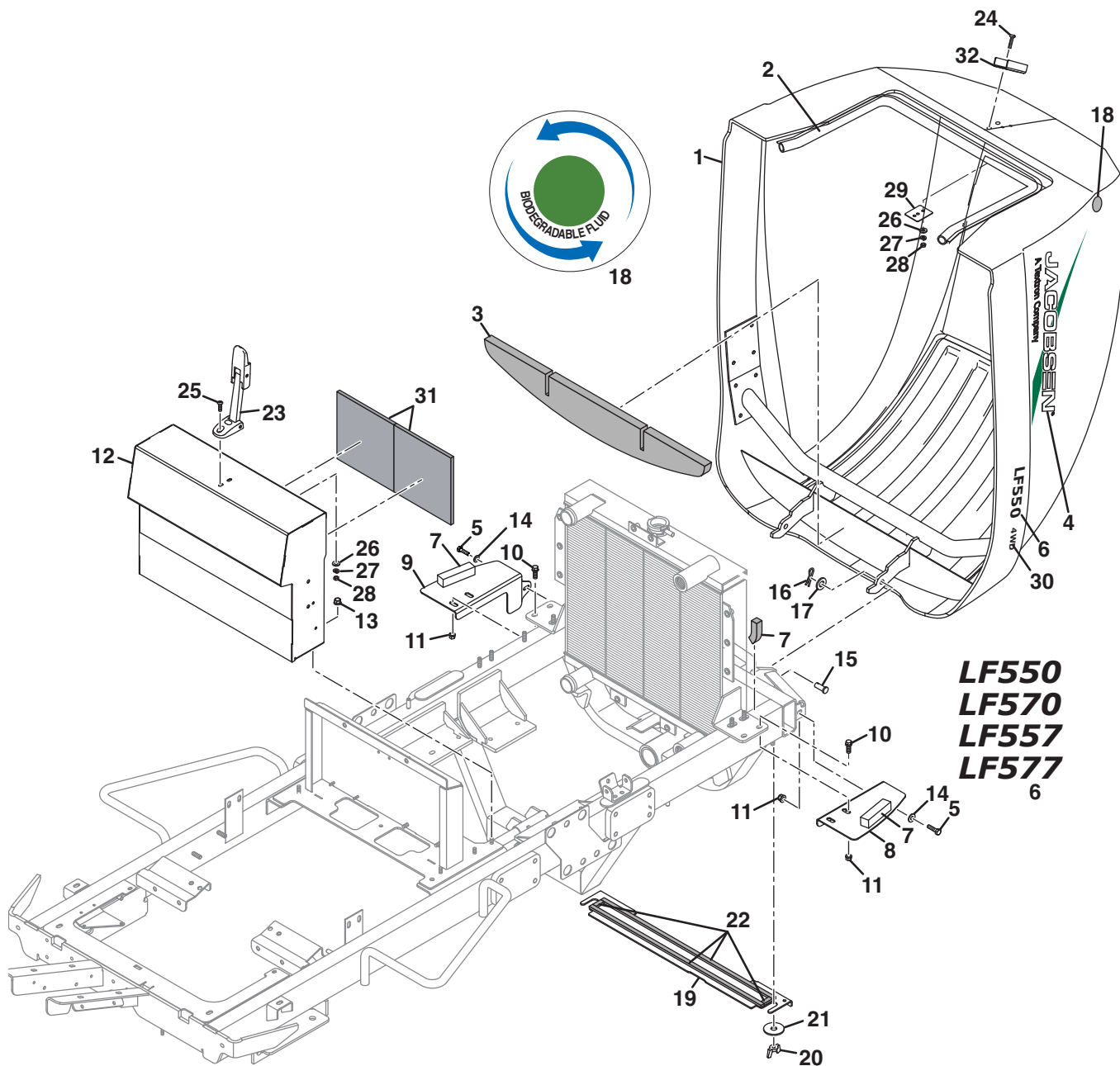
LIGHTWEIGHT FAIRWAY MOWER



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4111408	1	Decal, Bio Fluid	
2	3008930	1	Decal, Flash Attach	
3	3008683	2	Decal, Backlap	Located on Front Axle
4	4181862	1	Decal, Radiator Cap Warning	Located on top of Radiator
5	669813	1	Decal, Jacobsen Emblem	
6	4326718	1	Decal, Instruction	
7	3008521	1	Decal, Traction Pedal	
8	4187681	2	Decal, Jacobsen	
9	4181864	1	Decal, Battery Warning	Located on Frame
10	3008682	1	Decal, Tow Valve	
11	4181861	1	Decal, Start Fluids	
12	4348166	1	Decal, Adaptive Throttle	Located on Armrest
13	4153197	1	Decal, Pressure Wash Warning	
14	838363	1	Decal, Throttle	Tier 4 Interim Option Only
15	4333407	2	Decal, LF550	
15	4333408	2	Decal, LF570	
15	4331096	2	Decal, LF557	
15	4331099	2	Decal, LF577	
16	4199140	1	Decal, Heat Warning	
17	4117468	1	Decal, 105 dB Noise	
18	10005569	1	Decal, Patent	
19	4331105	1	Decal, 4WD	4WD Option Only
20	4326713	1	Decal, 18° Slope	
21	10003938	1	Decal, UKCA	
22	4384286	1	Decal, Canadian EMC	
23	4233621	1	Decal, Parking Brake Switch	
24	4233620	1	Decal, Cruise Control Switch	
25	4230620	1	Decal, Horn Switch	
26	4230601	1	Decal, Light Switch	
27	4285051	1	Decal, Joystick	
28	4265172	1	Decal, Key Switch	

LIGHTWEIGHT FAIRWAY MOWER

2.1 Hood

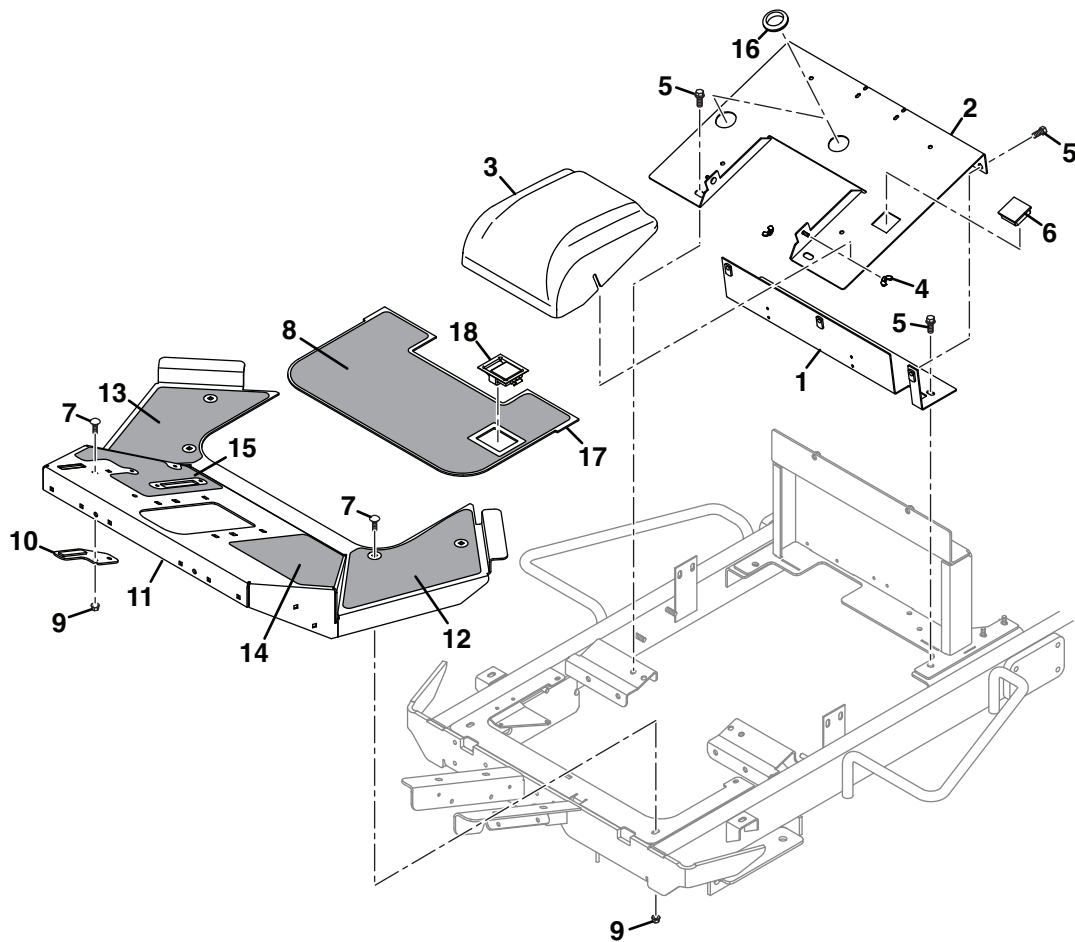


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
	4304316	1	Hood	Includes Items 1 - 3
1	4304292	1	• Hood Assembly	
2	4317079	AR	• Seal, Trim	64" Length, cut to 52"
3	4221520	1	• Foam, Hood Mount	
4	4187681	2	Decal, Jacobsen	
5	UK450193	2	Screw, M8-1.25 x 30 Hex Head	Grade 8.8
6	4333407	2	Decal, LF550	550 Reel Mount Option
6	4333408	2	Decal, LF570	570 Reel Mount Option
6	4331096	2	Decal, LF557	557 Reel Mount Option
6	4331099	2	Decal, LF577	577 Reel Mount Option
7	4138359	AR	Foam, Sealing	Cut four 5-1/2" pieces
8	4221420	1	Seal, Left Side Air	2WD Option
8	10047419	1	Seal, Left Side Air	4WD Option
9	10047432	1	Seal, Right Side Air	
10	452388	4	Screw, 5/16-18 x 3/4 Hex Flange	
10	800794	4	Hex Head Flange screw, 5/16-18x3/4	For V1505 Stage V Engine Only
11	452436	6	Nut, 5/16-18 Hex Flange	
12	10047468	1	Firewall Weldment	
13	445796	4	Nut, 3/8-16 Spiralock Flange	
14	UK450400	2	Washer, M8 x 21 x 1.8	
15	548458	2	Clevis Pin, 1/2 x 1-1/4"	
16	001490226	2	R - Clip	
17	453017	2	Flat Washer, 1/2	
18	4111408	1	Decal, Bio Fluid	
19	4357766	1	Shroud, Rear Frame	
20	445636	2	Nut, 3/8-16 Steel Wing	
21	3006233	2	Washer, 3/8	
22	4138380	AR	Seal, Bulk	54" Length, Cut two 2-1/4" and two 25"
23	4291172	1	Latch, Over Center	
24	800017J	2	Screw, 1/4-20 x 1" Pan Head	
25	800026J	2	Screw, 1/4-20 x 3/4" Pan Head	
26	453023	4	Flat Washer, 1/4	
27	446130	4	Lockwasher, 1/4 Heavy	
28	443102	4	Nut, 1/4-20 Hex	
29	4298793	1	Backer, Hood Latch	
30	4331105	1	Decal, 4WD	4WD Option
31	4282178	2	Shield, Adhesive Heat	
32	10011671	1	Latch, Bracket	

LIGHTWEIGHT FAIRWAY MOWER

3.1 Seat Pan

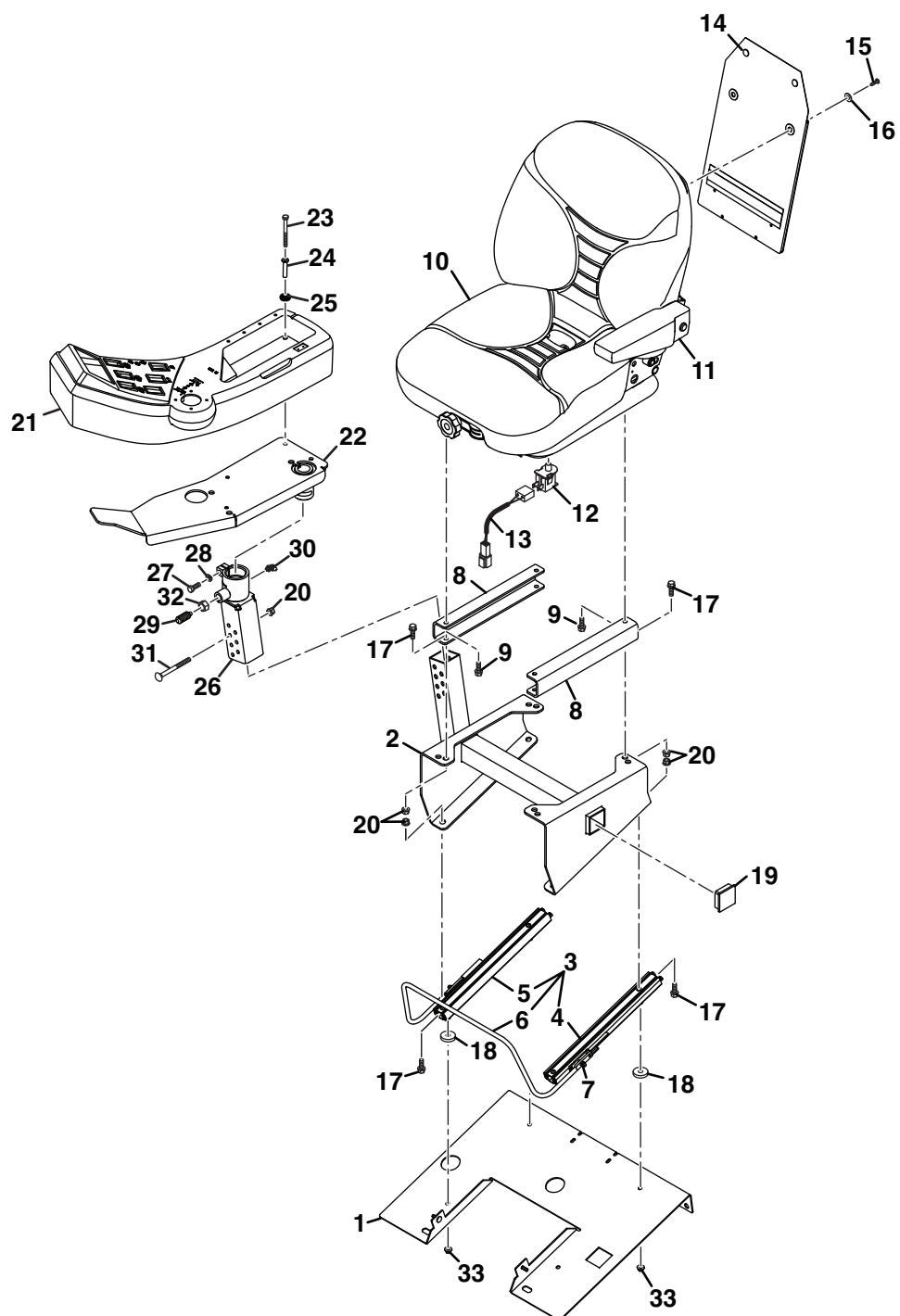


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4330933	1	Floor Pan	
2	4247310	1	Seat Pan	
3	4257171	1	Cover, Hydro	
4	10036521	2	Wing Nut, M6	
5	800385	5	Screw, 3/8-16 x 3/4" Hex Flange	
6	4222229	1	Plug, 2 x 2" Tube	
7	441602	6	Carriage Bolt, 5/16-18 x 3/4"	
8	4209943	1	Pad, Center Floorboard	
9	445795	6	Nut, 5/16-18 Spiralock Flange	
10	4288572	1	Plate, Fill	
11	4290871	1	Platform	
12	3007609	1	Pad, Left Floorboard	
13	3007610	1	Pad, Right Floorboard	
14	4237183	1	Pad, Left Foot	
15	4280091	1	Pad, Right Foot	
16	4241042	2	Grommet	
17	4209941	1	Floorboard	
18	4123723	1	Latch, Panel	

LIGHTWEIGHT FAIRWAY MOWER

4.1 Standard Seat Option

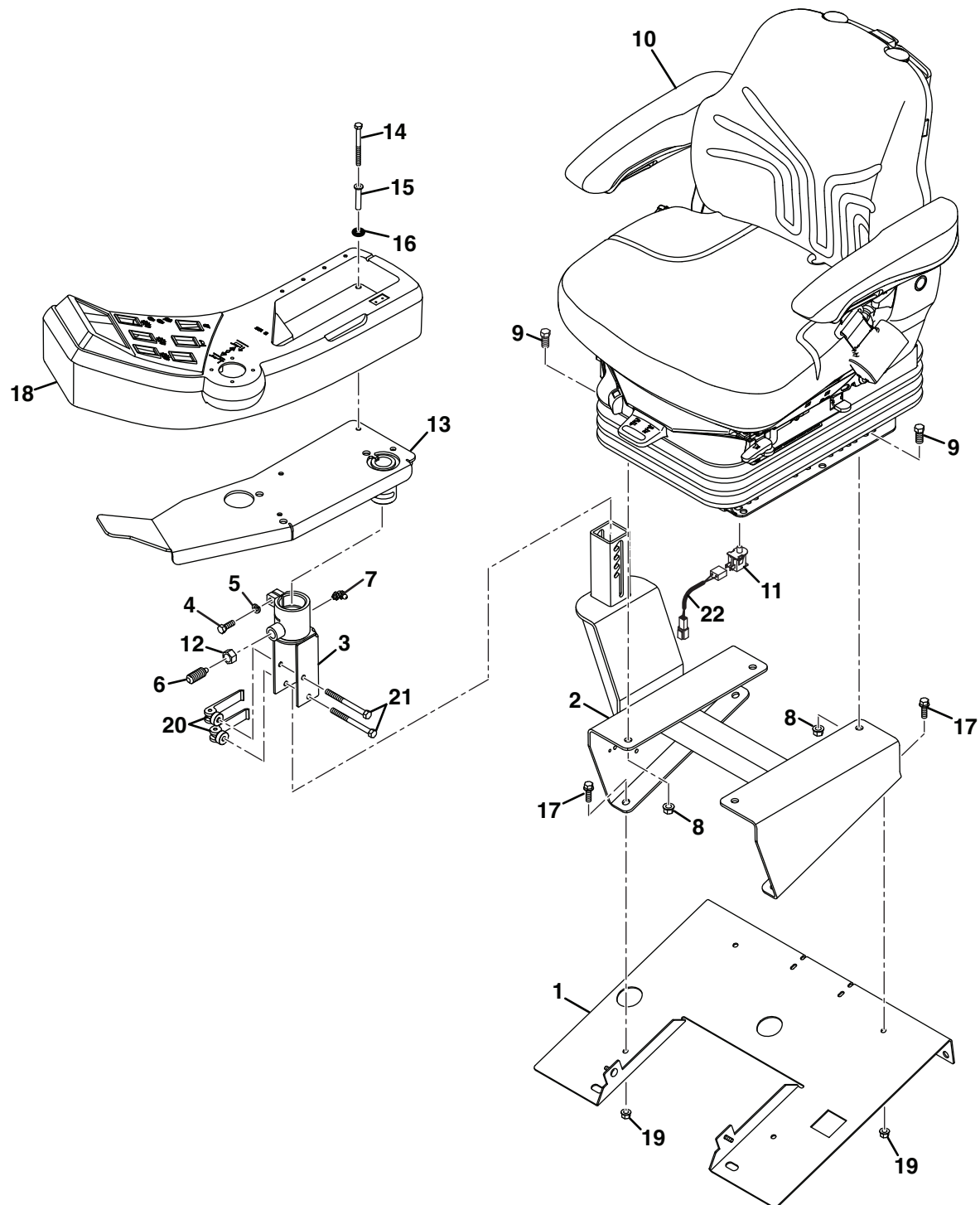


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4247310	1	Seat Pan	Includes Items 4 - 7
2	4217621	1	Support, Seat	
3	4210561	1	Adjuster, Double Latching	
4	4132314	1	• Adjuster, Left Side	
5	4132315	1	• Adjuster, Right Side	
6	4210580	1	• Handle, Adjuster	
7	450377	2	• Nut, M6-1 Nylock Hex	
8	4268426	2	Support, Seat	Includes Items 11 - 12 R.H. Arm Rest in kit is not used. REFERENCE SW6, See 70.1
9	409812	4	Screw, 5/16-18 x 3/4" Thread Cutting	
10	4280951	1	Suspension Seat Assembly	
11	4139434	1	• Arm Rest Kit, LH	
12	4139450	1	• Switch, Seat	
13	5003769	1	Seat Switch Harness	
14	3003928	1	Pouch, Literature	
15	800943	2	Screw, #10-16 x 3/4" Plastic	
16	452004	2	Flat Washer, 1/4	
17	403751J	8	Screw, 5/16-18 X 3/4"	
18	831053	4	Spacer, Seat	See 6.1
19	4222229	1	Plug, 2 x 2" Tube	
20	445795	11	Nut, 5/16-18 Spiralock Flange	
21	REF	1	Armrest Assembly	
22	4332066	1	Support, Upper Armrest	
23	4189843	4	Screw, M6-1 x 65 mm Hex Head	
24	4188484	4	Flange, M6 Body Fastener	
25	473211	4	Spacer, Black Neoprene	
26	4209240	1	Pivot, Lower Armrest Support	
27	450193	1	Screw, M8-1.25 x 20 mm Hex Head	
28	450411	1	Lockwasher, M8	
29	4188569	1	Plunger, Round Nose	
30	471216	1	Grease Fitting, 1/4-28 Straight	
31	441687	3	Carriage Bolt, 5/16-18 x 3"	
32	450334	1	Nut, M16-2 Hex	
33	400030J	4	Whiz Lock Nut, M8	

LIGHTWEIGHT FAIRWAY MOWER

5.1 Premium Seat Option

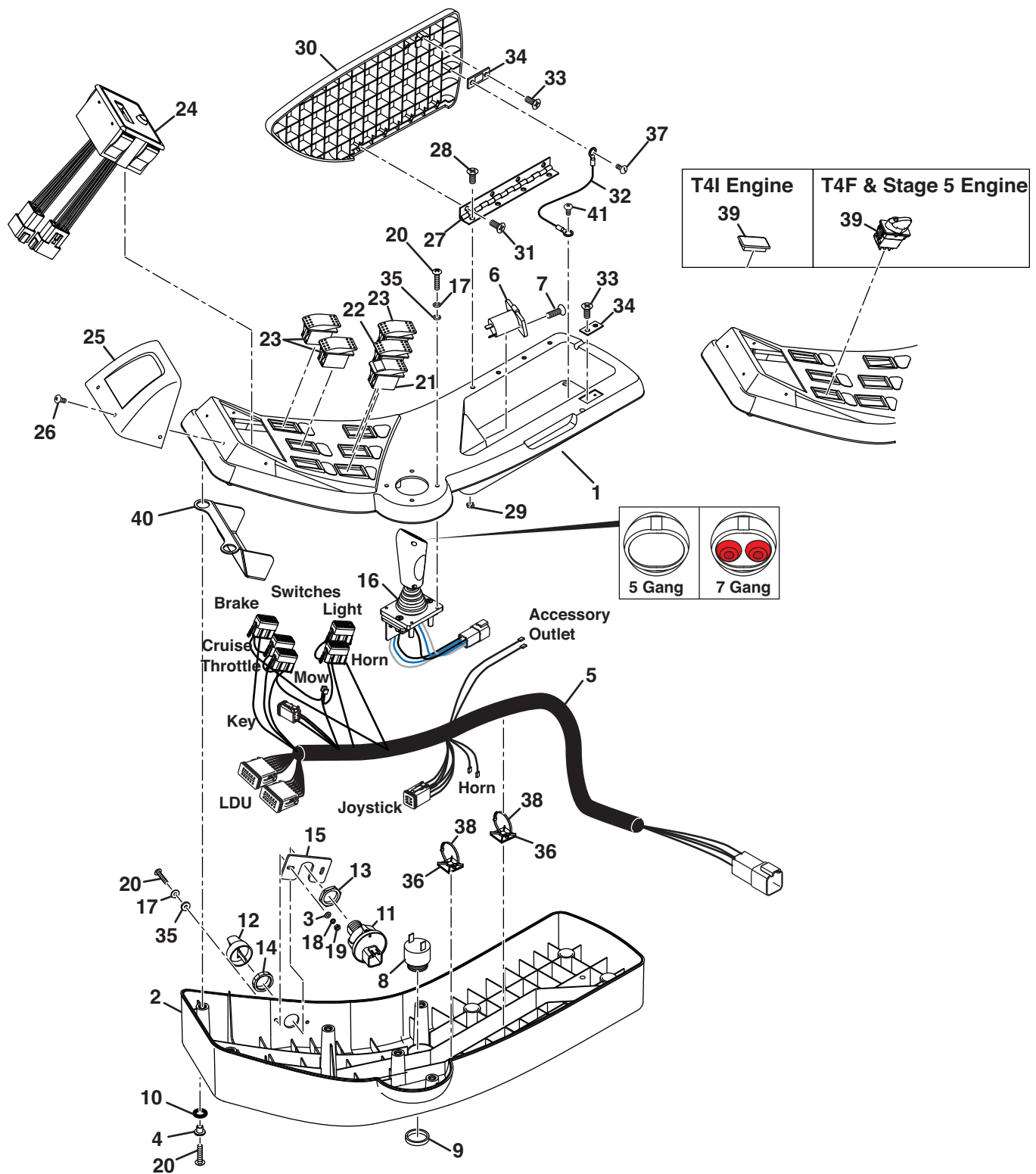


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4247310	1	Seat Pan	See 6.1
2	4336570	1	Support, Seat	
3	4346127	1	Pivot, Lower Armrest Support	
4	450193	1	Screw, M8-1.25 x 20 mm Hex Head	
5	450411	1	Lockwasher, M8	
6	4188569	1	Plunger, Round Nose	
7	471216	1	Grease Fitting, 1/4-28 Straight	
8	548804J	4	Nut, 3/8-16 Hex Flange	
9	400258	4	Screw, 3/8-16 x 3/4" Hex Head	
10	4313306	1	Suspension Seat Assembly	
11	4297937	1	• Seat Switch	
12	450334	1	Nut, M16-2 Hex	
13	4332066	1	Support, Upper Armrest	
14	4189843	4	Screw, M6-1 x 65 mm Hex Head	
15	4188484	4	Flange, M6 Body Fastener	
16	473211	4	Spacer, Black Neoprene	
17	403751J	4	Screw, 5/16-18 X 3/4"	
18	REF	1	Armrest Assembly	
19	445795	4	Nut, 5/16-18 Spiralock Flange	
20	4346166	2	Lever, Cam	
21	400216J	2	Screw, 5/16-18 x 2-3/4" Hex Head	
22	5003769	1	Seat Switch Harness	

LIGHTWEIGHT FAIRWAY MOWER

6.1 Armrest

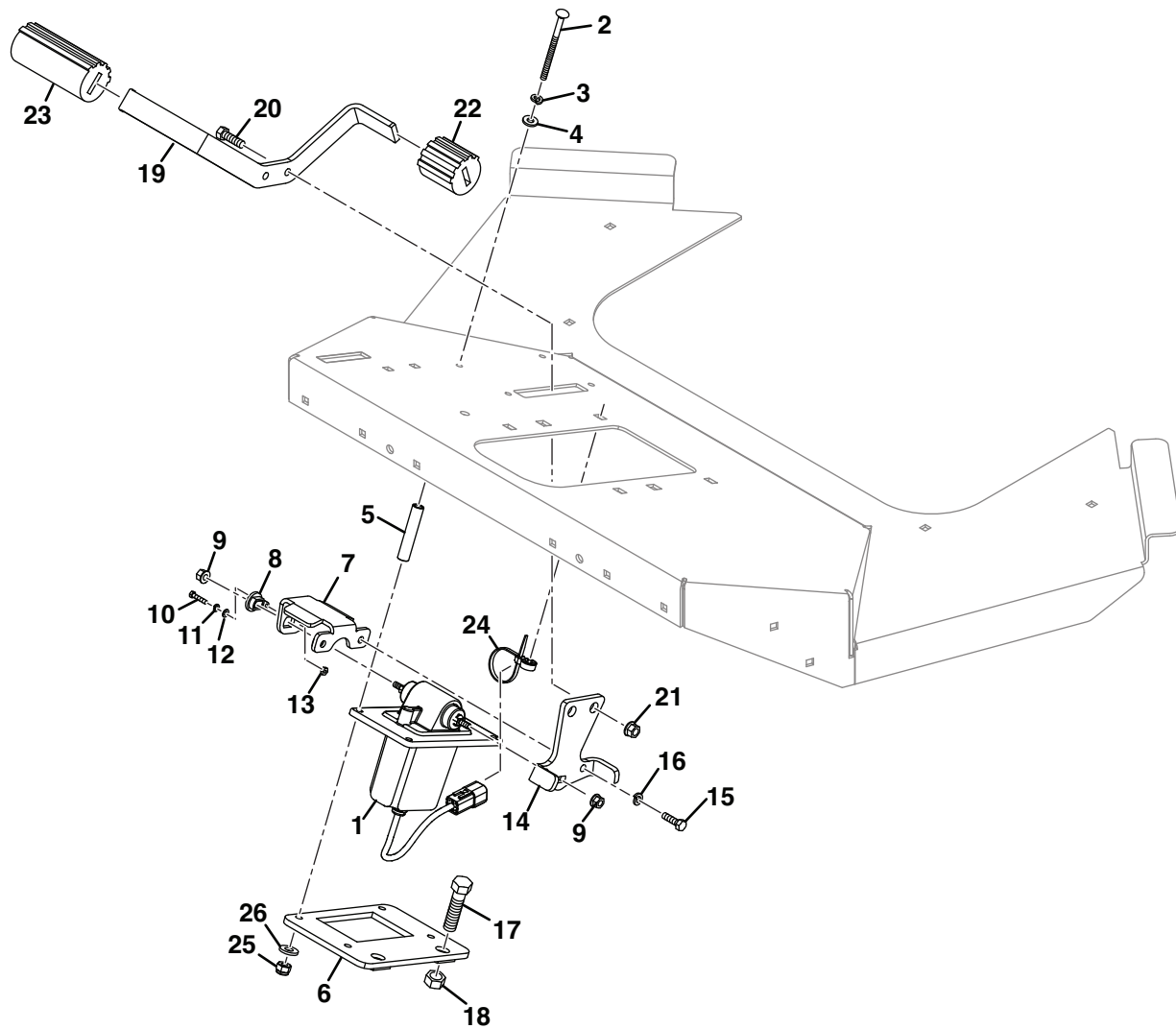


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4284894	1	Armrest, Upper	T4I Engine Options T4F/Stage 5 Engine Options REFERENCE SW8, See 70.1 REFERENCE U20, See 70.1 REFERENCE SW8, See 70.1 REFERENCE SW11, See 70.1 REFERENCE SW11, See 70.1 Stainless Steel Stainless Steel REFERENCE SW10, See 70.1 REFERENCE SW9, See 70.1 REFERENCE SW12-14, See 70.1 REFERENCE U21, See 70.1 Stainless Steel Stainless Steel T4I Engine Options T4F/Stage 5 Engine, See 70.1 T4F/Stage 5 Engine Options
2	4284892	1	Armrest, Lower	
3	450387	2	Flat Washer, M4	
4	4188480	6	Flange, M4 x 4 mm Body	
5	4329452	1	Harness, LDU	
5	4301099	1	Harness, LDU	
6	843942	1	• Socket, 12V Accessory Plug	
7	N/S	2	• • Screw	
8	4150539	1	Horn	
9	N/S	1	• Ring Nut	
10	4188482	6	Spacer, Black Neoprene	
11	4283269	1	Key Switch	
12	4283654	1	• Key	
13	4283653	1	• Nut, M22-1.5 Switch Backing	
14	4283652	1	• Nut, M22-1.5 Switch Face	
15	4283276	1	Plate, Switch	
16	4323427	1	Joystick, 5 Gang Mower	
16	4323428	1	Joystick, 7 Gang Mower	
17	4189841	6	Flat Washer, 4 mm	
18	450408	2	Lockwasher, 4 mm	
19	450321	2	Nut, M4-0.7 Hex	
20	4189840	12	Screw, M4-0.7 x 20 mm Pan Head	
21	4343926	1	Switch, Mow	
22	4130133	1	Rocker Switch, Momentary	
23	4130132	3	Rocker Switch	
24	10076437	1	LDU Assembly	
25	4188840	1	Visor, Armrest	
26	409952	4	Screw, M4 x 13 mm Thread Cutting	
27	4168564	1	Hinge, Armrest	
28	4201880	4	Screw, #6-32 x 1/2" Flat Head	
29	444304	4	Nut, #6-32 Hex	
30	4168562	1	Door, Armrest	
31	4201867	4	Screw, #6-32 x 3/8" Thread Cutting	
32	4156925	1	Lanyard	
33	4201980	4	Screw, #4 x 1/2" Self Threading	
34	4168563	1	Set, Magnetic Catch	
35	4189842	6	Spacer	
36	4200540	2	Adhesive Mount, Cable Tie	
37	402006	1	Screw, #6-32 x 1/2" Slotted Head	
38	473142	2	Cable Tie	
39	4225220	1	Panel, Plug	
39	4326362	1	Switch, Adaptive Throttle Rotary	
40	10052124	1	Cover Plate, Display (EMC)	
41	819195	1	Screw, #8-18 x 1/2" Self Drilling	

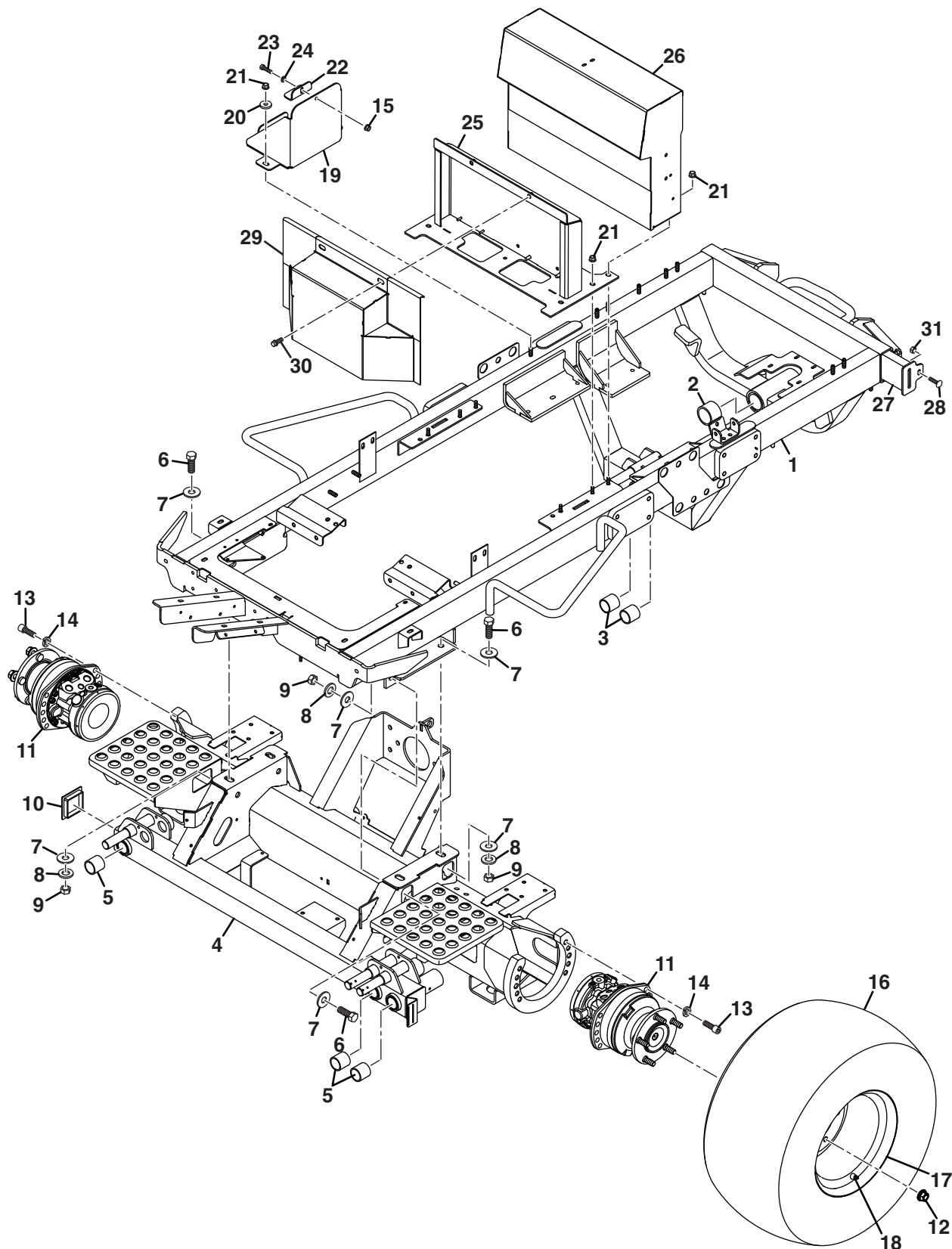
LIGHTWEIGHT FAIRWAY MOWER

7.1 Traction Pedal



LIGHTWEIGHT FAIRWAY MOWER

8.1 Frame and Front Axle

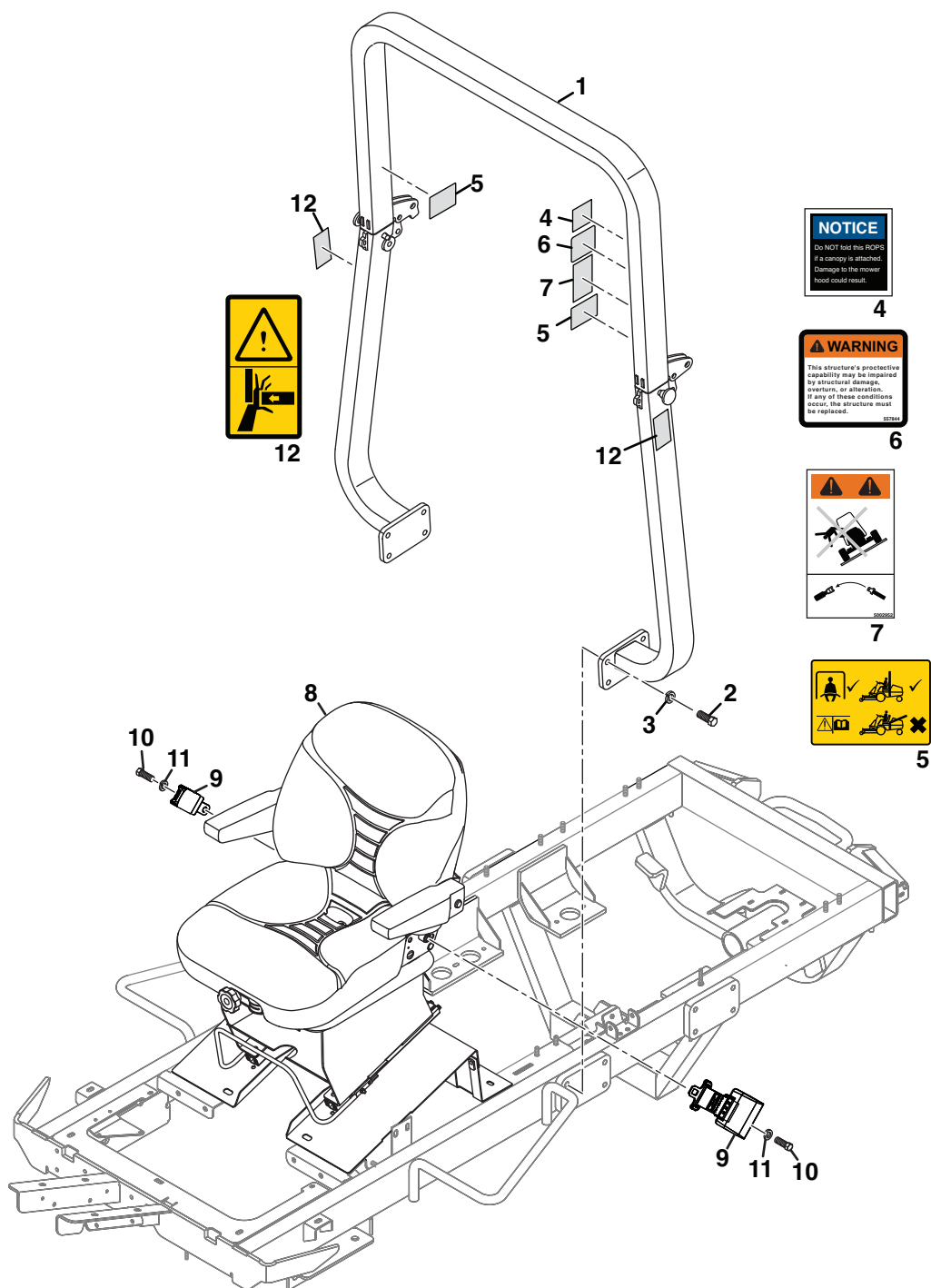


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4329926	1	Frame	
2	366871	2	• Bushing	
3	366870	4	• Bushing	
4	4329329	1	Front Axle	
5	366870	6	• Bushing	
6	4113047	6	Screw, 5/8-18 x 1-1/2" Hex Head	
7	452016	12	Flat Washer, 5/8	
8	4140094	6	Washer 11/16 x 1-5/16 x 5/32 Hard	
9	10048985	6	Nut, Hex 5/8-18	
10	4244422	1	Plug, 3" x 3" Tube	
11	694134	2	Front Wheel Motor	
	693794	1	• Complete Seal Kit	
	4370586	5	• Wheel Stud	
12	8008460	5	Nut, M14-1.5 Spherical Wheel	
13	64189-8A	16	Screw, 1/2-13 x 1-1/4" Hex Socket	
14	446154	16	Lockwasher, 1/2 Heavy	
15	445795	1	Nut, 5/16-18 Hex Flange	
	10035756	2	Wheel and Tire Assembly	
16	10030414	1	• Tire, 26.5 x 14-12 Kenda 6 Ply	
17	4251534	1	• Wheel Rim, 12 x 10.5	
18	4220940	1	• Tubeless Tyre Valve Assembly	
19	4329218	1	Battery Tray	
20	358794	2	Washer, 3/8	
21	445796	8	Nut, 3/8-16 Spiralock Flange	
22	4312568	1	Clamp, Battery	
23	400188J	1	Screw, 5/16-18 x 1" Hex Head	
24	446134	1	Lockwasher, 5/16	
25	4330697	1	Mount, Controller	
26	10047468	1	Firewall Weldment	
27	4243304	1	Weight, Rear Bumper	2WD Units Only
28	441614	1	Carriage Bolt, 5/16-18 x 1"	2WD Units Only
29	10022171	1	Panel, Controller Access	
30	403770	2	Screw, 5/16-18 x 3/4" Hex Flange	
31	UK001393010	1	Nut, 5/16 - 18 Hex	2WD Units Only

LIGHTWEIGHT FAIRWAY MOWER

9.1 ROPS and Seat Belt



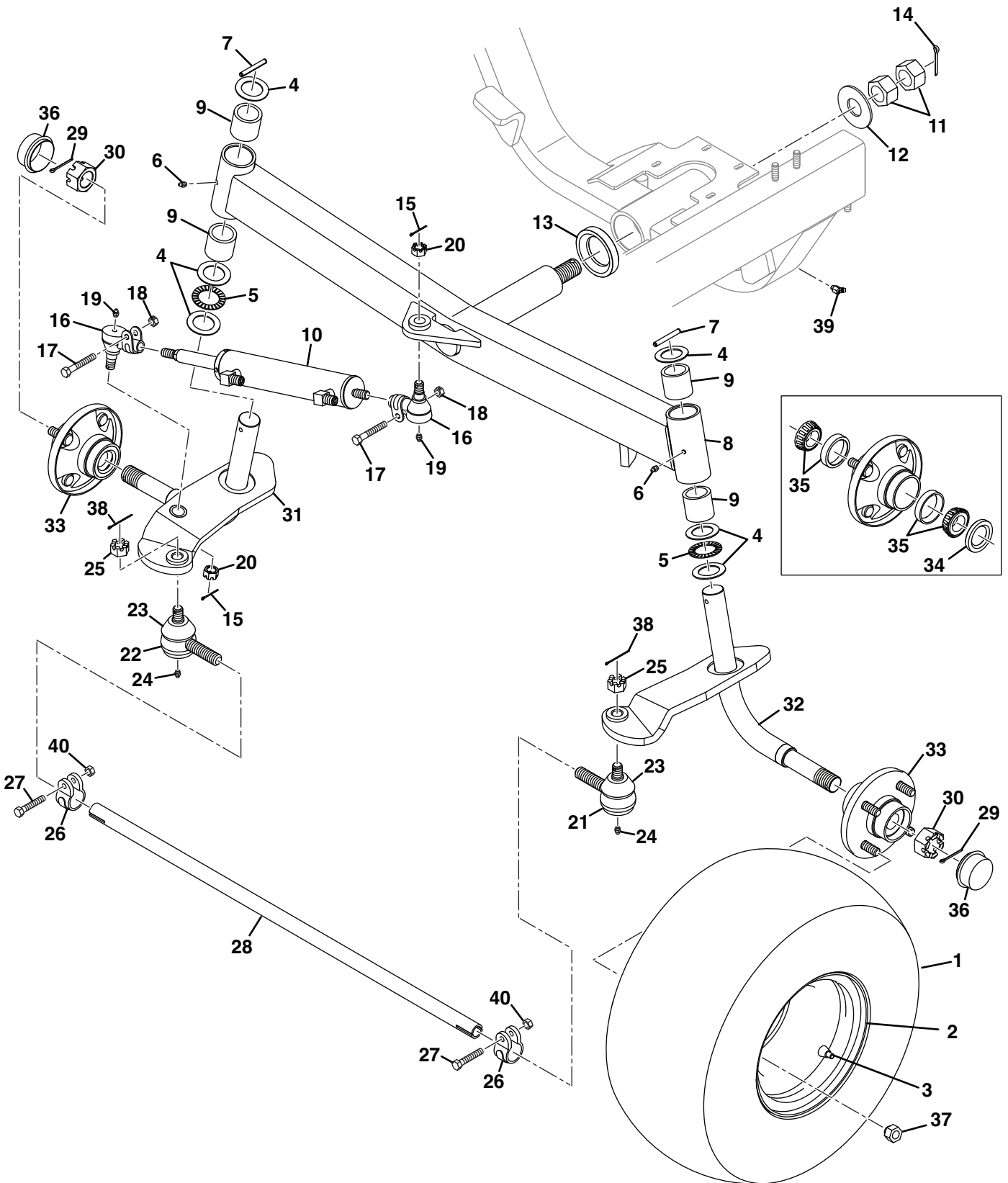
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4292951	1	Folding ROPS Assembly	Standard Seat Premium Seat
2	4134825	8	• Screw, 1/2-13 x 1-1/4" Hex GR 8	
3	446154	8	• Lockwasher, 1/2 Heavy	
4	4294518	1	• Decal, Canopy Notice	
5	4194260	2	• Decal, ROPS Deployment	
6	557844	1	• Decal, ROPS Structure Warning	
7	5002952	1	• Decal, ROPS Seat Belt Warning	
8	REF	1	Seat Assembly	
9	4257812	1	Seat Belt	
9	4313307	1	Seat Belt	
10	400370	2	Screw, 7/16-20 x 1" Hex Head	
11	446148	2	Lockwasher, 7/16 Heavy	
12	845027	2	Decal, Pinch Point	

LIGHTWEIGHT FAIRWAY MOWER

10.1 2WD Steering

2WD Option



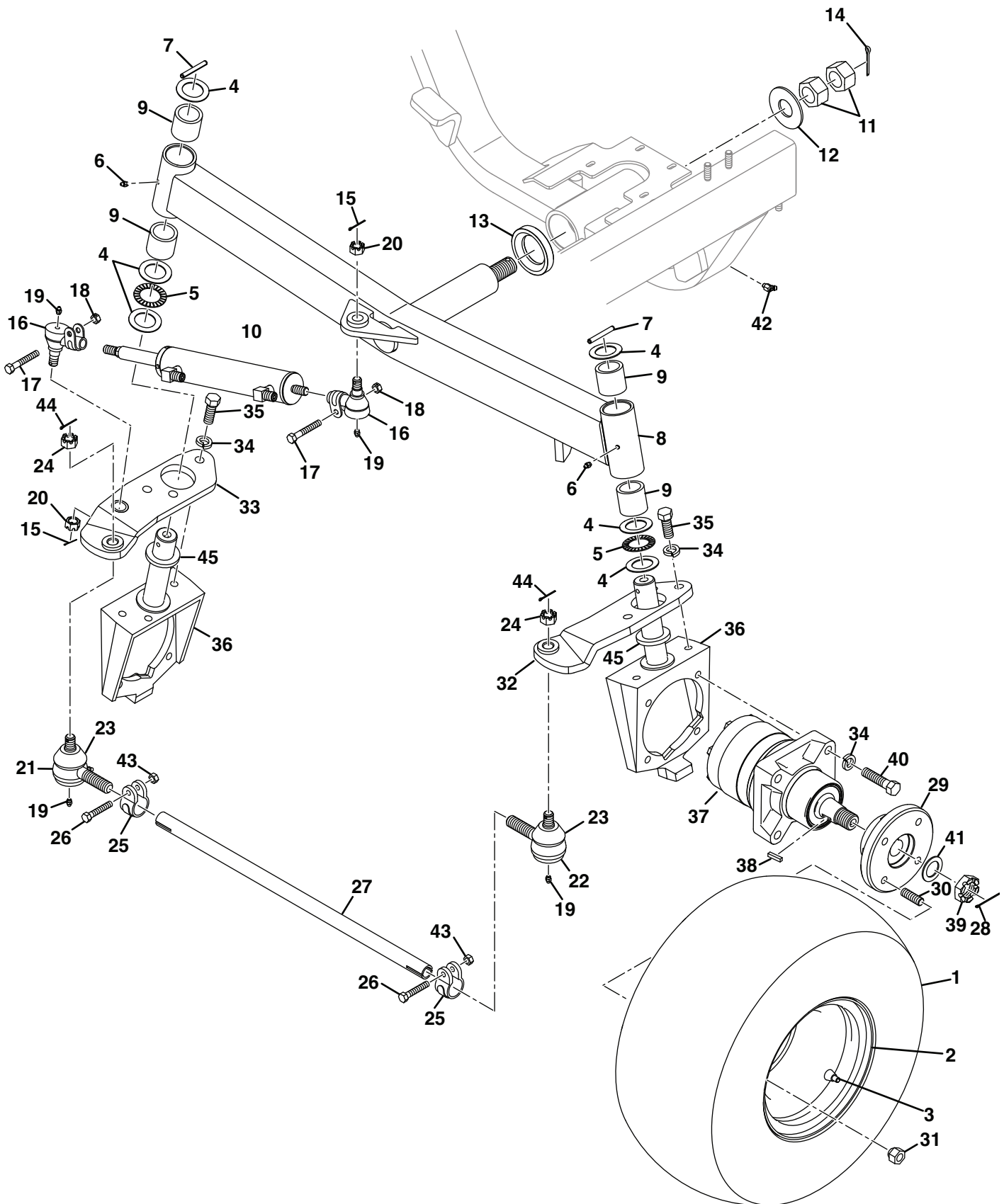
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
	10030412	2	Rear Wheel and Tire Assembly	Includes Items 1 - 3
1	10030416	1	• Tire, 20 x 12-10 Kenda 4-Ply	
2	10030415	1	• Wheel Rim	
3	643948	1	• Valve Stem	
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	4300293	1	Steering Axle	
9	3010489	4	• Bushing	
10	4271774	1	Cylinder, Steering	
	4276851	1	• Seal Kit	
11	443840	2	Nut, 1-12 Hex Jam	
12	400470	1	Flat Washer, 1 x 2-3/4 x 1/4	
13	366789	1	Spacer, Axle	
14	460064	1	Cotter Pin, 1/4 x 1-1/2"	
15	460028	2	Cotter Pin, 1/8 x 1"	
16	4141925	2	Ball Joint	
17	400194	2	• Screw, 5/16-18 x 1-3/4"	
18	444718	2	• Locknut, 5/16-18 Hex	
19	471214	2	• Grease Fitting	
20	445672	2	• Nut, 5/8-18 Slotted Hex	
21	4121829	1	Ball Joint, Right Hand Thread	
22	4121828	1	Ball Joint, Left Hand Thread	
23	4121986	1	• Dust Cover	
24	471214	1	• Grease Fitting	
25	4124204	2	Nut, 9/16-18 Slotted Hex	
26	322847	2	Clamp	
27	400192	2	Screw, 5/16-18 x 1-1/2"	
28	4300458	1	Tie Rod	
29	460050	2	Cotter Pin, 3/16 x 1-1/4"	
30	445710	2	Nut, 1-14 Slotted Hex	
31	4329267	1	Spindle, Right	
32	4329268	1	Spindle, Left	
	5002910	2	Wheel Hub Kit	Includes Items 33 - 37
33	1003667	1	• Hub Assembly	
34	554329	1	• • Seal, Grease	
35	500596	2	• • Bearing, Cup and Cone	
36	545692	1	• • Dust Cap	
37	001341110	4	• • Wheel Nut	
38	460032	2	Cotter Pin, 1/8 x 1-1/2"	
39	471227	1	45° Grease Fitting	
40	443106	2	Nut, 5/16-18 Hex	

LIGHTWEIGHT FAIRWAY MOWER

11.1 4WD Steering

4WD Units Only

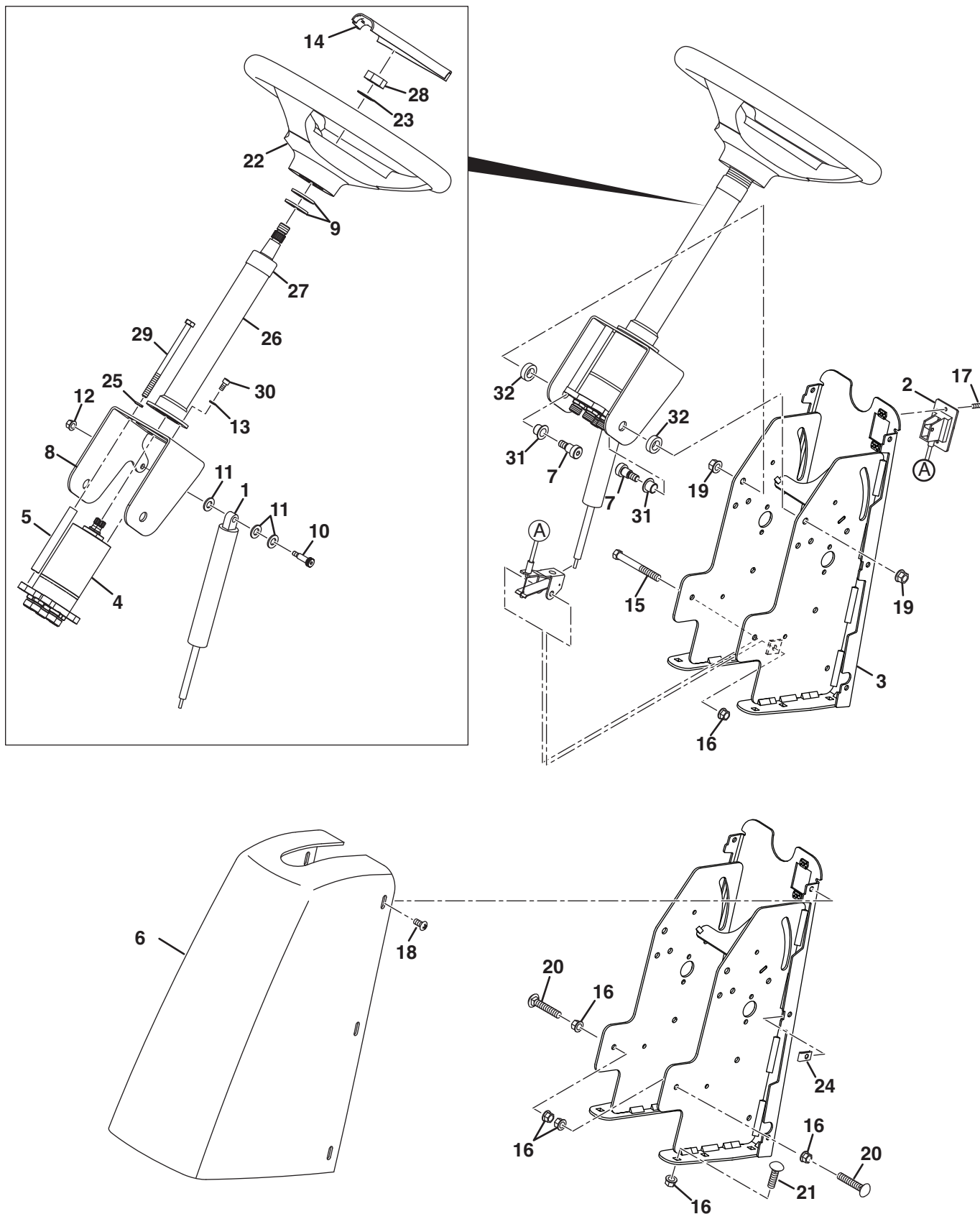


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
	10030412	2	Rear Wheel and Tire Assembly	Includes Items 1 - 3
1	10030416	1	• Tire, 20 x 12-10 Kenda 4-Ply	
2	10030415	1	• Wheel Rim	
3	643948	1	• Valve Stem	
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	4300293	1	Steering Axle	
9	3010489	4	• Bushing	
10	4271774	1	Cylinder, Steering	
	4276851	1	• Seal Kit	
11	443840	2	Nut, 1-12 Hex Jam	
12	400470	1	Flat Washer, 1 x 2-3/4 x 1/4	
13	366789	1	Spacer, Axle	
14	460064	1	Cotter Pin, 1/4 x 1-1/2"	
15	460028	2	Cotter Pin, 1/8 x 1	
16	4141925	2	Ball Joint	
17	400194	2	• Screw, 5/16-18 x 1-3/4"	
18	444718	2	• Locknut, 5/16-18 Hex	
19	471214	2	• Grease Fitting	
20	445672	2	• Nut, 5/8-18 Slotted Hex	
21	4121829	1	Ball Joint, Right Hand Thread	Includes Item 19
22	4121828	1	Ball Joint, Left Hand Thread	Includes Item 19
23	4121986	1	• Dust Cover	Includes Items 29 - 31
24	4124204	2	Nut, 9/16-18 Slotted Hex	
25	322847	2	Clamp	
26	400192	2	Screw, 5/16-18 x 1-1/2"	
27	4300458	1	Tie Rod	
28	460032	2	Cotter Pin, 1/8 x 1-1/2"	
	10003150	2	Wheel Hub Kit - Service	
29	10032981	1	• Wheel Hub	
30	456800237	4	• Stud, 1/2 - 20 x 1 - 1/2	
31	001341110	1	• Wheel Nut, 1/2 - 20	
32	4329191	1	Arm, Left Steering	
33	4329189	1	Arm, Right Steering	
34	446154	14	Lockwasher, 1/2 Heavy	
35	400406	6	Screw, 1/2-13 x 1-1/4" Hex Head	
36	2000057	2	Motor Mount	See 66.1
37	4322946	2	Wheel Motor, 18.3 Delta	
38	554780	2	• Key	
39	554779	2	• Nut	
40	400414	8	Screw, 1/2-13 x 2-1/4" Hex Head	
41	361451	2	Washer, Thrust	
42	471227	1	45° Grease Fitting	
43	443106	2	Nut, 5/16-18 Hex	
44	460032	2	Cotter Pin, 1/8 x 1-1/2"	
45	367350	2	Washer, Thrust	

LIGHTWEIGHT FAIRWAY MOWER

12.1 Tilt Steering



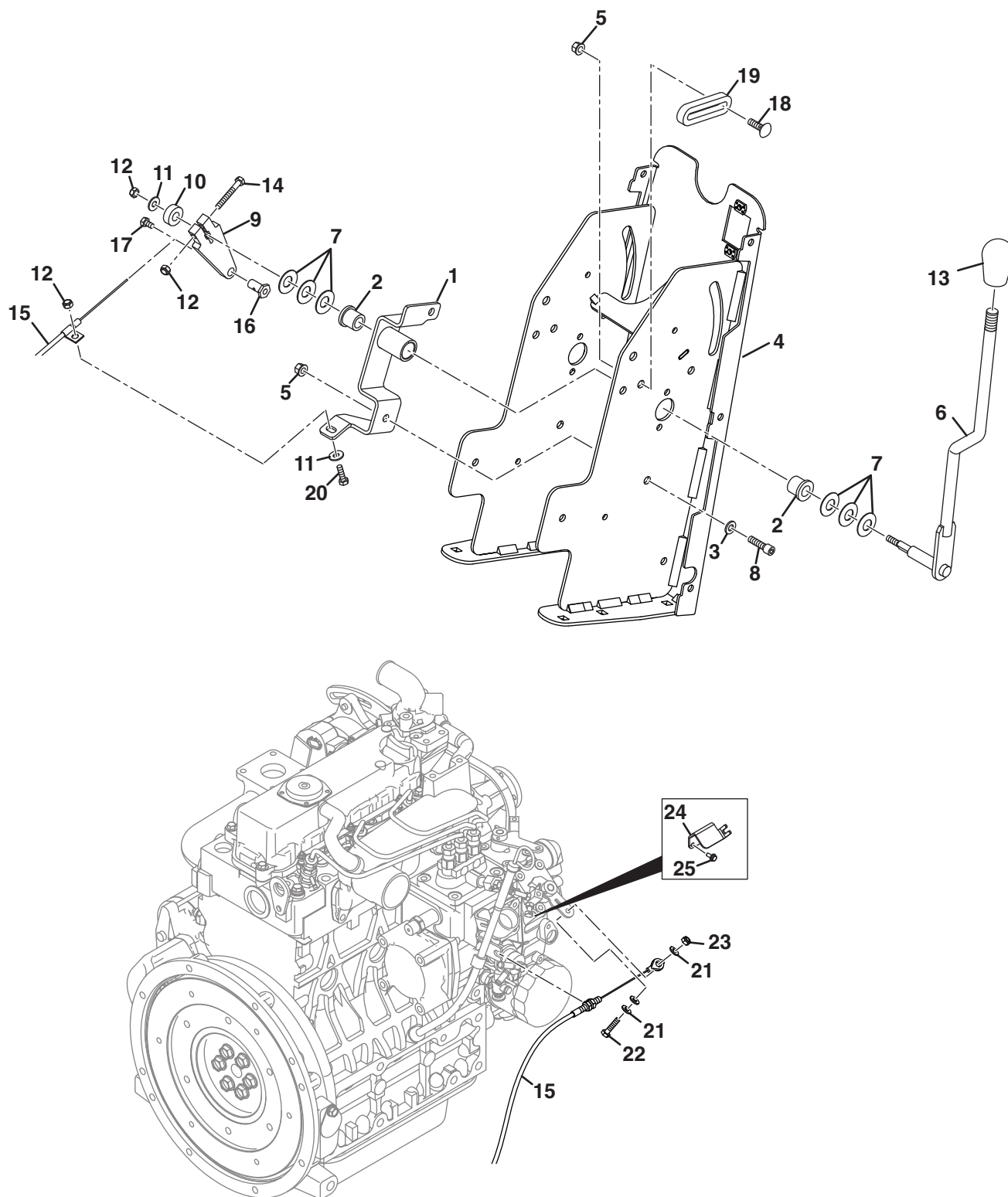
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	5002918	1	Actuator, Gas Spring	T4I Engine Option T4F/Stage 5 Engine Option
2	5002919	1	Cable, Actuator	
3	4253491	1	Tower, Steering	
4	10043768	1	Valve, Steering	
	339908	2	• O-Ring, -4 ORFS	
	339909	3	• O-Ring, -6 ORFS	
5	4211400	4	Spacer, Steering Valve	
6	4217620	1	Cover, Steering Tower	
6	3010651	1	Cover, Steering Tower	
7	365033	2	Bolt, Shoulder	
8	4256510	1	Bracket, Steering Pump	
9	2811547	2	Washer	
10	4256511	1	Bolt, M6-1 Shoulder	
11	450390	3	Flat Washer, M8 x 17 x 1.8	
12	452418	1	Nut, M6-1 Flange	
13	450410J	4	Lockwasher, M6 x 9.6 x 1.5	
14	447224	1	Lockwasher, 5/8 Internal	
15	400216J	1	Screw, 5/16-18 x 2-3/4" Hex Head	
16	445795	9	Nut, 5/16-18 Spiralock Flange	
17	416911	2	Screw, #10-24 x 1/2" Thread Cutting	
18	404016J	6	Screw, 1/4-20 x 5/8" Truss Head	
19	548804J	2	Nut, 3/8-16 Whizlock	
20	441677	2	Carriage Bolt, 5/16-18 x 1-1/2"	Include Item 23
21	441614	4	Carriage Bolt, 5/16-18 x 1"	
22	2811364	1	Steering Wheel	Includes Items 27 - 28
23	2811365	1	• Cap, Steering Wheel	
24	445245	6	Tinnerman Nut	
25	450411J	4	Lockwasher, M8 x 12.75 x 2	
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	450710	4	Socket Head Cap Screw, M6 x 12	
31	4255270	2	Flanged Bearing	
32	4247312	2	Spacer	

LIGHTWEIGHT FAIRWAY MOWER

13.1 Throttle Lever

Tier 4 Interim Engine Options Only



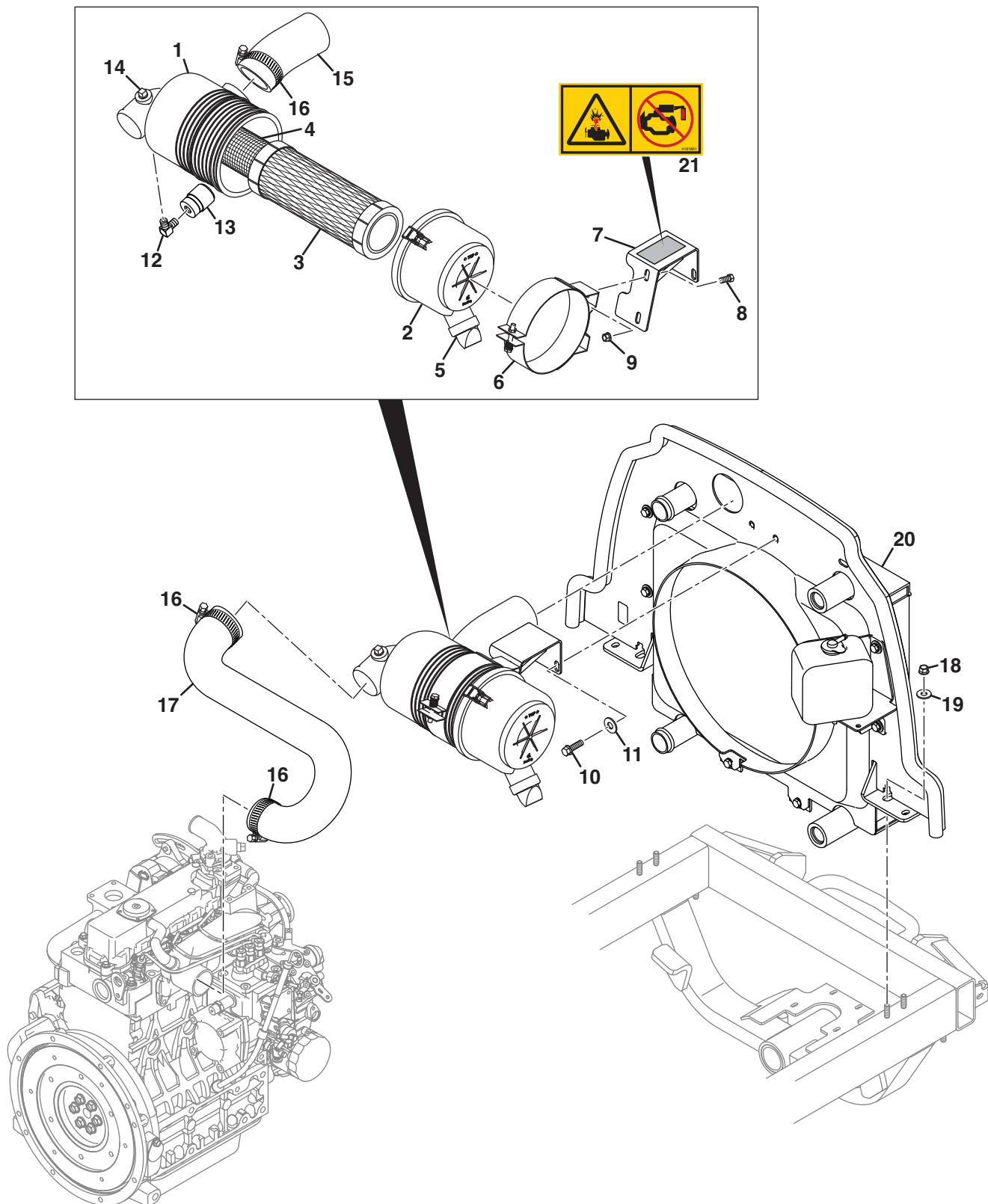
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	679447	1	Throttle Support Weldment	
2	2810116	2	• Bushing, Flange	
3	453009	2	Flat Washer, 5/16	
4	4253491	1	Tower, Steering	
5	548911J	4	Nut, 5/16-18 Hex Flange	
6	4217280	1	Handle, Throttle	
7	461901679	6	Spring Disc, 13 x 28 x 1	
8	434006	2	Screw, 5/16-18 x 3/4" Socket Head	
9	4212340	1	Arm, Throttle	
10	352435	1	Spacer	
11	452004	2	Flat Washer, 1/4	
12	445770	3	Nut, 1/4-20 Nylon Insert Hex	
13	4127340	1	Knob	
14	400116J	1	Screw, 1/4-20 x 1-3/4" Hex Head	
15	4328470	1	Cable, Throttle	
16	4239882	1	Pin, Brake Band	
17	400102J	1	Screw, 1/4-20 x 3/8" Hex Head	
18	441614	2	Carriage Bolt, 5/16-18 x 1"	
19	4217282	1	Stop, Throttle	
20	400108J	1	Screw, 1/4-20 x 3/4" Hex Head	
21	450399	3	Flat Washer, M6	
22	450172	1	Screw, M6 x 25 Hex Head	
23	450377	1	Nut, M6 - 1 Nylon Hex	
24	10034333	1	Plate, Governor	
25	UK450464	2	Screw, M6 - 1 x 14 Hex Head	

LIGHTWEIGHT FAIRWAY MOWER

14.1 Air Cleaner

Tier 4 Interim Engine Option



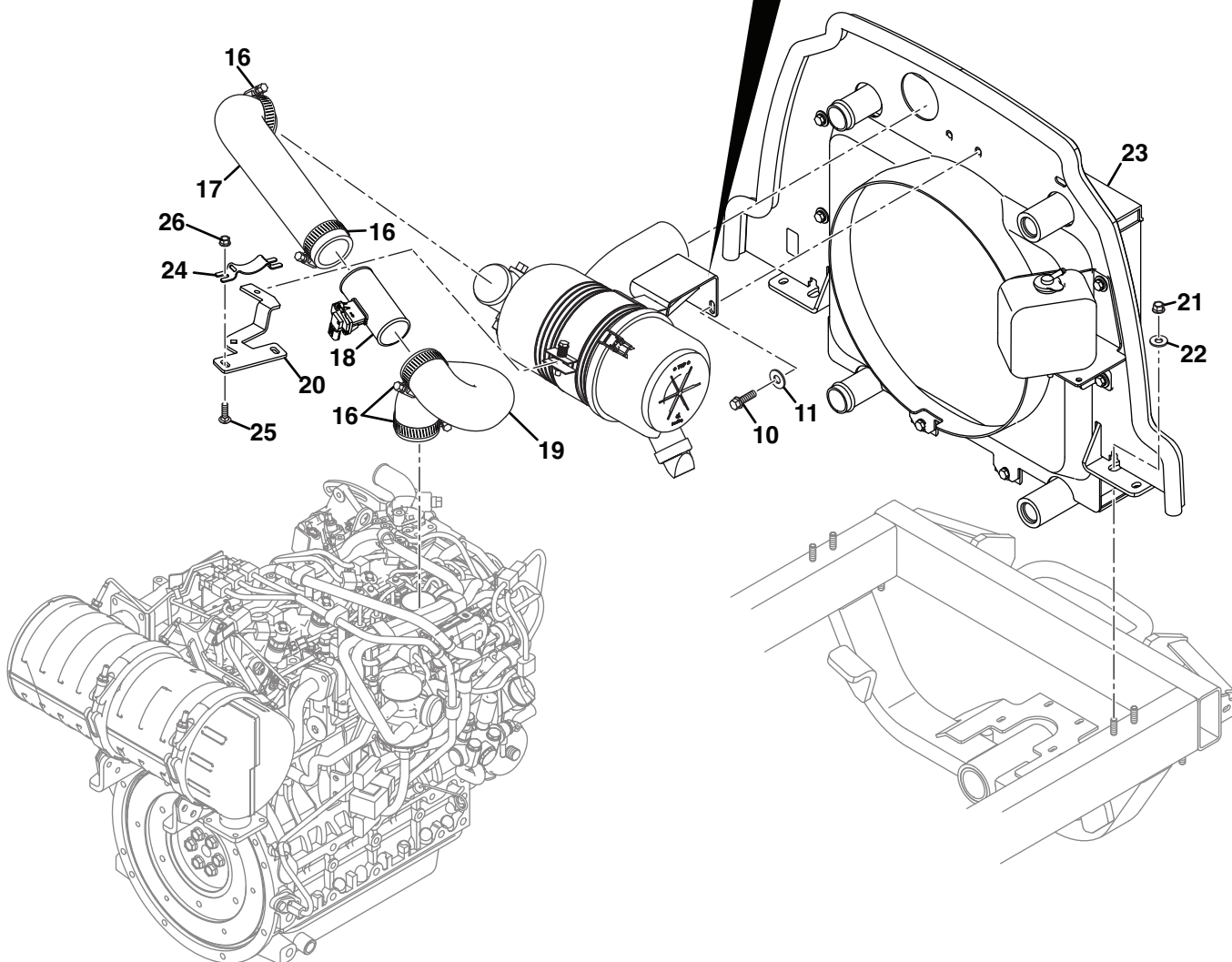
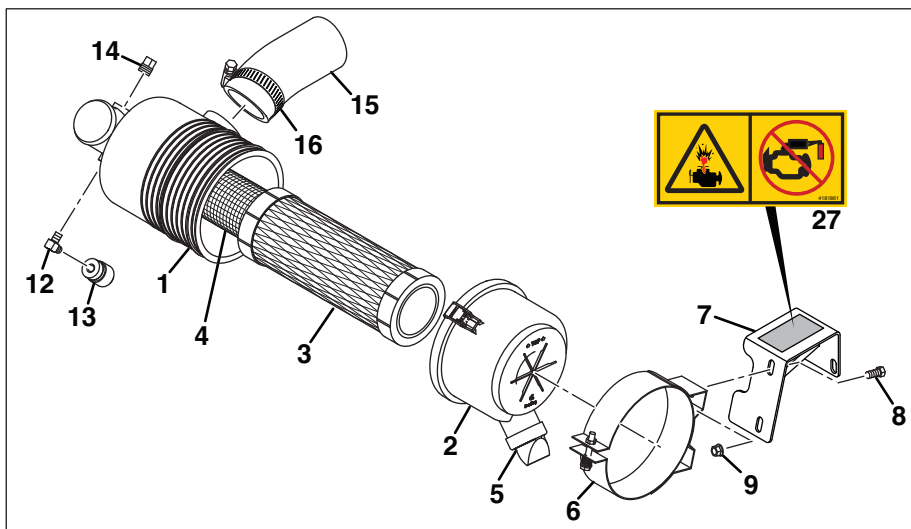
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4316691	1	Air Cleaner	Includes Items 2 - 5
2	4316690	1	• Cover, Air Cleaner	
3	4133820	1	• Filter, Primary Air Cleaner	
4	4133821	1	• Filter, Safety Air Cleaner	
5	5003373	1	• Vactuators Valve	
6	4128084	1	Bracket, Air Cleaner Mount	
7	4304523	1	Bracket, Air Cleaner	
8	400182	3	Screw, 5/16-18 x 5/8" Hex Head	
9	445795	2	Nut, 5/16-18 Spirallock Flange	
10	800709	2	Screw, 3/8-16 x 1" Hex Flange	
11	452008	2	Flat Washer, 3/8	
12	3002195	1	Elbow, 1/8 NPT 90°	
13	4125078	1	Indicator, Air Cleaner	
14	472205	1	Plug, 3/8 NPT Socket Head	
15	4120977	1	Hose, Shroud to Air Cleaner	
16	337229	5	Clamp, Hose	
17	4324786	1	Hose, Air Cleaner to Engine	
18	445796	4	Nut, 3/8-16 Spirallock Flange	
19	358794	4	Flat Washer, 3/8	
20	REF	1	Radiator Assembly	
21	4181861	1	Decal, Start Assist Fluids	
				See 17.1

LIGHTWEIGHT FAIRWAY MOWER

15.1 Air Cleaner

Tier 4 Final / Stage 5 Engine Option



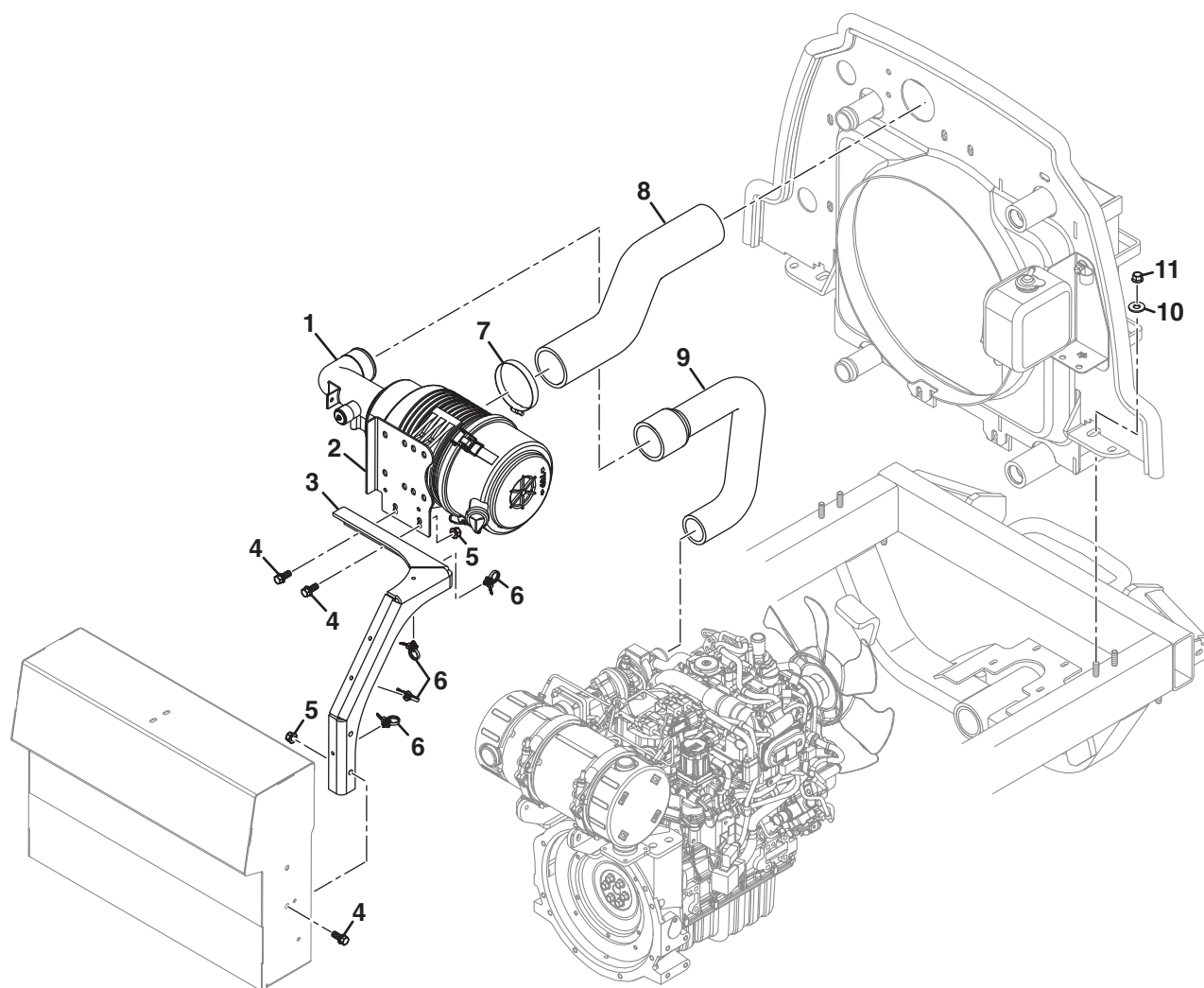
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4316691	1	Air Cleaner	Includes Items 2 - 5
2	4316690	1	• Cover, Air Cleaner	
3	4133820	1	• Filter, Primary Air Cleaner	
4	4133821	1	• Filter, Safety Air Cleaner	
5	5003373	1	• Vactuator Valve	
6	4128084	1	Bracket, Air Cleaner Mount	
7	4304523	1	Bracket, Air Cleaner	
8	400182	3	Screw, 5/16-18 x 5/8" Hex Head	
9	445795	2	Nut, 5/16-18 Spiralock Flange	
10	800709	2	Screw, 3/8-16 x 1" Hex Flange	
11	452008	2	Flat Washer, 3/8	
12	3002195	1	Elbow, 1/8 NPT 90°	
13	4125078	1	Indicator, Air Cleaner	
14	472205	1	Plug, 3/8 NPT Socket Head	
15	4120977	1	Hose, Shroud to Air Cleaner	
16	337229	5	Clamp, Hose	
17	4267512	1	Hose, Air Cleaner to MAF Sensor	REFERENCE U17, See 70.1
18	4266170	1	Sensor, Mass Air-Flow (MAF)	
19	4266931	1	Hose, MAF to Engine Intake	
20	4312567	1	Bracket, MAF Support	
21	445796	4	Nut, 3/8-16 Spiralock Flange	See 17.1
22	358794	4	Flat Washer, 3/8	
23	REF	1	Radiator Assembly	
24	4319846	1	Bracket, Hose Clamp	
25	441602	2	Carriage Bolt, 5/16-18 x 3/4"	
26	548911J	2	Nut, 5/16-18 Hex Flange	
27	4181861	1	Decal, Start Assist Fluids	

LIGHTWEIGHT FAIRWAY MOWER

16.1 Air Cleaner

V1505 Stage 5 Engine Option

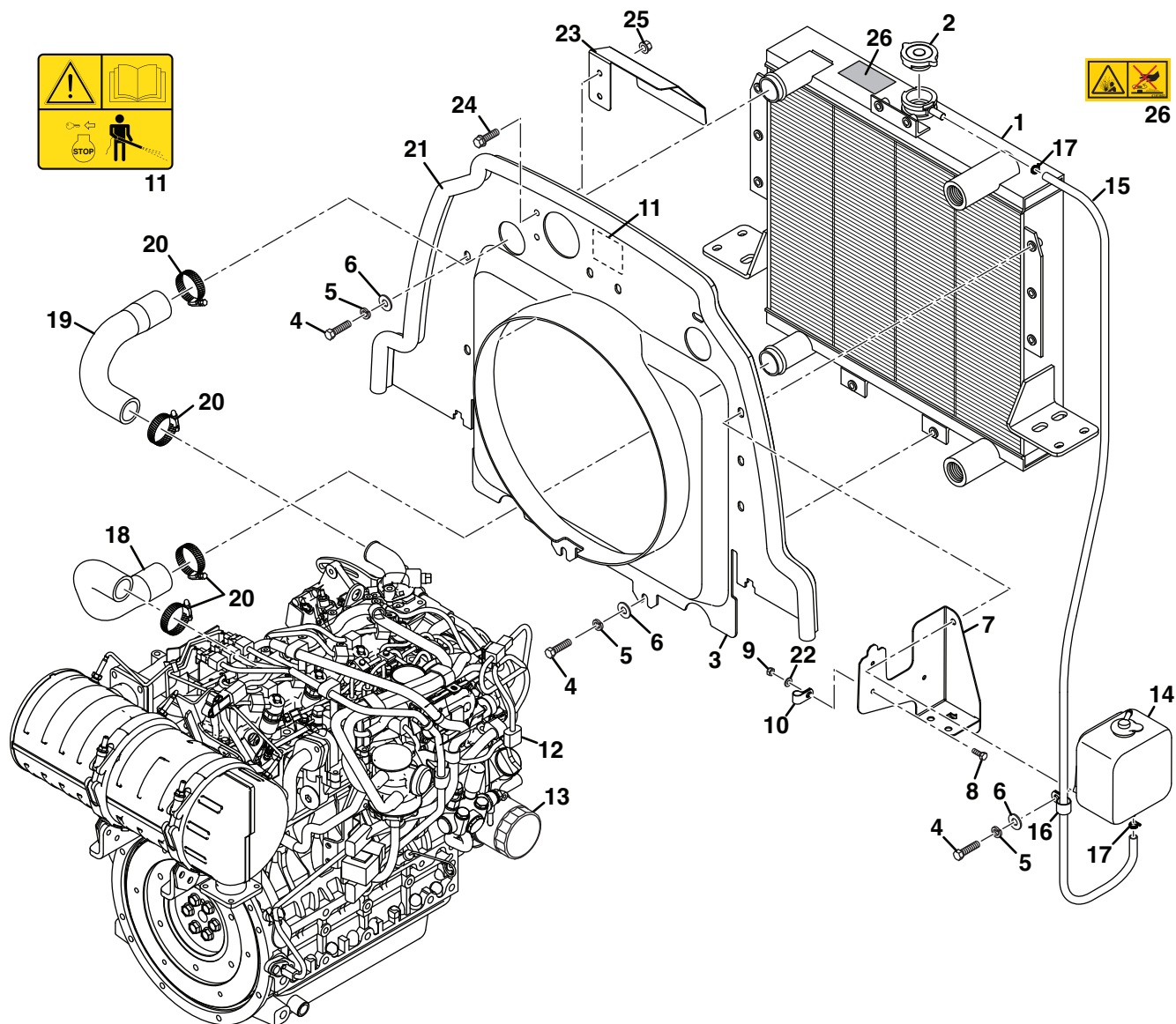


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	692889	1	Air Cleaner	
	4266170	1	• Sensor, Mass Airflow	
	4133820	1	• Filter, Primary Air Cleaner	
	4133821	1	• Filter, Safety Air Cleaner	
2	10062760	1	Plate, Air Cleaner Mounting	
3	10062318	1	Bracket, Air Cleaner Mounting	
4	450471	4	Flange Screw, M8 x 1.25 x 20	
5	450453	4	Nut, M8 x 1.25	
6	4167640	6	Cable Tie	
7	337229	1	Clamp	
8	10004473	1	Air Intake, Shroud to Air Cleaner	
9	10004489	1	Air Intake, Air Cleaner to Engine	
10	358794	4	Washer	
11	445796	4	Spiralock Flange Nut, 3/18 - 16	

LIGHTWEIGHT FAIRWAY MOWER

17.1 Radiator



LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4305137	1	Radiator / Hydraulic Oil Cooler	Includes Decal 4131663
2	550863	1	• Radiator Cap	
3	4301038	1	Shroud, Radiator Fan	
4	400264	6	Screw, 3/8-16 x 1-1/4 Hex Head	
5	446142	6	Lockwasher, 3/8	
6	452008	6	Flat Washer, 3/8	
7	10046606	1	Bracket, Fuel Filter/Coolant Bottle	
8	362535	1	Screw, M6-1 x 16 mm Hex Head	
9	450323	1	Nut, M6-1 Hex	
10	345666	1	Clamp, 1/2" Hose	
11	4153197	1	Decal, Pressure Wash Warning	10 Foot Length, cut to 72"
12	REF	1	Engine	
13	4113986	1	• Engine Oil Filter	
14	557367	1	• Recovery Tank	
15	4150179	1	Hose, Radiator Overflow, Bulk	
16	345671	1	Clamp, 13/16" Hose	
17	48540-01	2	Clamp, Hose	
18	4301052	1	Hose, Lower Radiator	
19	4301051	1	Hose, Upper Radiator	
20	326112	4	Clamp, Hose	
21	4266292	AR	Seal, Trim	
22	450399	1	Flat Washer, M6	
23	10051088	1	Deflector, Air Intake	
24	800709	2	Screw, 3/8-16 x 1" Hex Flange	
25	445796	2	Nut, 3/8-16 Spiralock Flange	
26	4181862	1	Decal, Radiator Cap Warning	

V1505 Stage 5 Engine Option



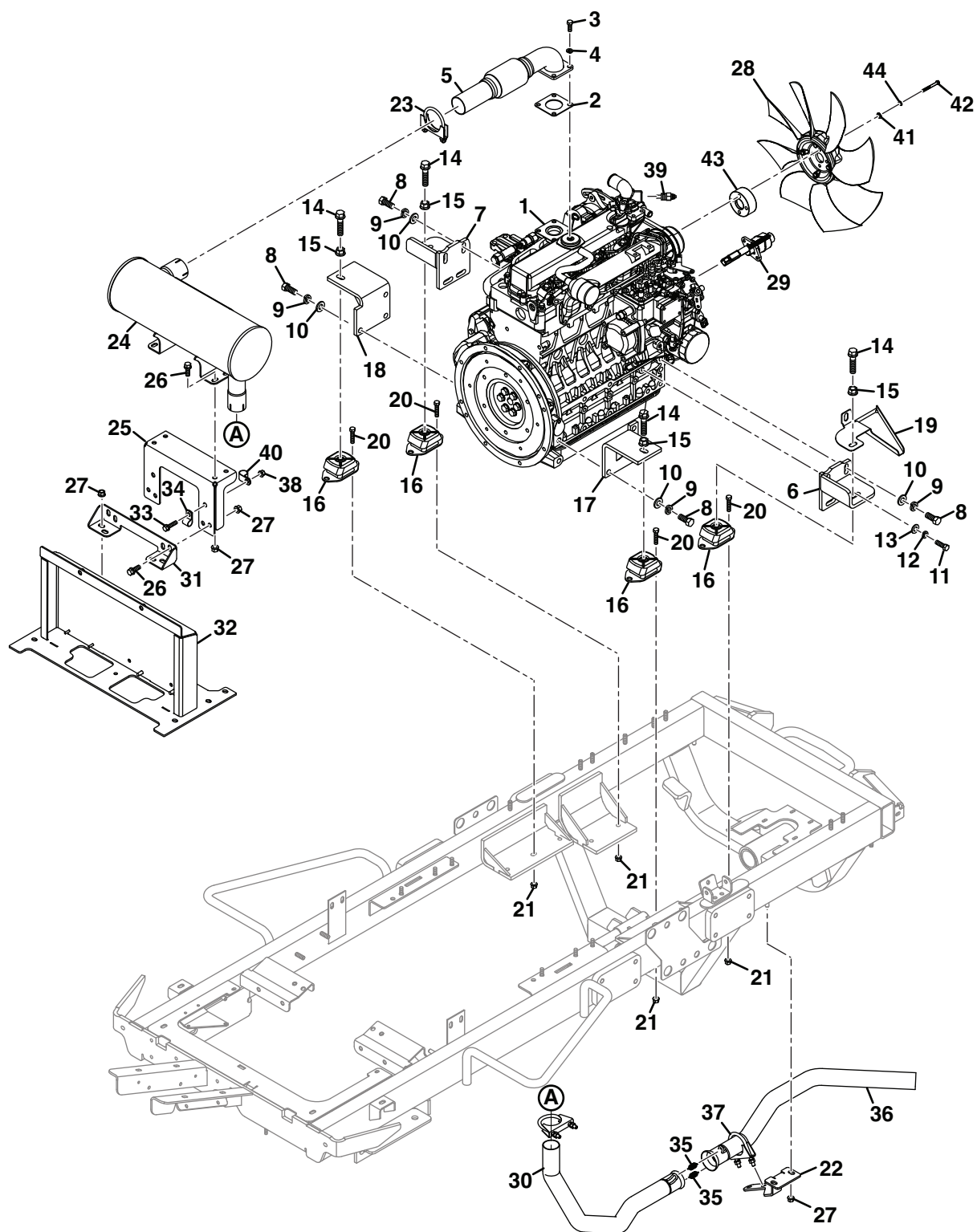
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4305137	1	Radiator / Hydraulic Oil Cooler	10 Foot Length, cut to 72"
2	550863	1	• Radiator Cap	
3	10004093	1	Shroud, Radiator Fan	
4	4266291	AR	Seal, Trim	
5	10047221	1	Bracket, Filter Mounting	
6	4150179	1	Hose, Radiator Overflow, Bulk	
7	10046606	1	Bracket, Fuel Filter/Coolant Bottle	
8	4153197	1	Decal, Pressure Wash Warning	
9	48540-01	2	Clamp, Hose	
10	445796	2	Spiralock Flange Nut, 3/8-16	
11	452008	12	Flat Washer, 3/8	
12	326112	4	Clamp, Hose	
13	UK456110448	2	Hex Screw, 3/8 - 16 x 1.1/4	
14	800709	4	Hex Flange Screw, 0.38 - 16 x 1	
15	362535	2	Hex Head Screw, M6 - 1.0 x 16	
16	446142	6	Lockwasher, 3/8	
17	450399	2	Flat Washer, M6	
18	345671	1	Clamp, 13/16" Hose	
19	450452	2	Hex Nut, M6	
20	345666	1	Clamp, 1/2" Hose	
21	4182460	1	Oil Cooler Assembly	
22	10004091	2	Oil Cooler Bracket	
23	10004099	2	Closed Grommet, 46 x 4 x 39.8	
24	10062151	1	Hose, Engine to Radiator	
25	10008125	1	Hose, Radiator to Engine	
26	450120039	4	Hex Nut, 3/8 - 16	
27	456110375	4	Hex Screw, 3/8 - 16 x 2 - 3/4	
28	UK450172	4	Hex Screw, M6 - 1.0 x 25	
29	UK450389	4	Washer, M6 x 12.5 x 1.8	
30	UK452435	4	Hex Flange Nut, M6 Nyloc	
31	UK450120267	4	Hex Nut, 3/8 - 16 Nyloc	
32	4186441	2	Connector, 1/2 x 13/16	Part of Engine Kit
33	10022670	1	Hose	
34	10022837	1	Hose	
35	10051088	1	Deflector, Air Intake	
36	4181862	1	Decal, Radiator Cap Warning	
37	10032025	1	Bottle - Kubota Overflow	
38	4113986	1	Oil Filter	
39	4133243	1	Oil Filter Cover	
40	158065-03	2	Connector, 1/2 x 13/16 ORFS	
	339910	1	• O-Ring	
41	10007960	1	Kubota Bolt for Oil Base	Part of Engine Kit
42	4398567	2	Elbow 90°, 11/16 ORFS	
	339909	1	• O-Ring	
43	10047336	1	Hose	
44	UK450411	2	Lockwasher, M8 x 12.75 x 2	
45	450193	2	Hex Screw, M8 x 30	
46	MBE3454	2	Spacer, 10.5 x 20 x 13	
47	10065535	1	Coolant Bottle Adapter	

LIGHTWEIGHT FAIRWAY MOWER

19.1 Four Cylinder Engine

V2403 Tier 4 Interim Engine Option



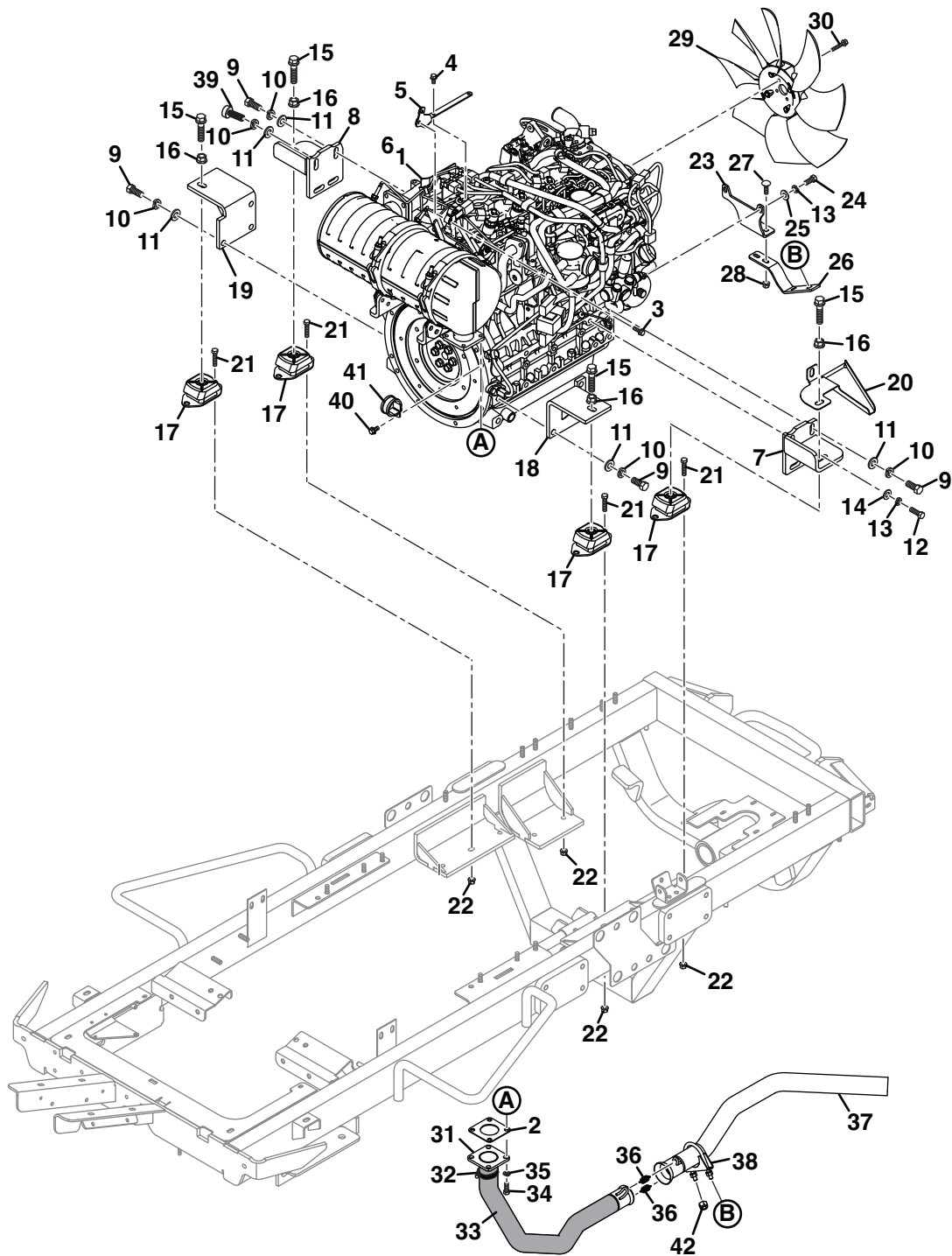
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4355591	1	Engine, Kubota V2403 T4I	See 8.1
	4113986	1	• Filter, Engine Oil	
2	4268230	1	• Gasket, Exhaust	
3	363586	4	Screw, M8-1.25 x 20 mm Hex Head	
4	450411	4	Lockwasher, M8	
5	4333292	1	Pipe, Flex	
6	4271291	1	Mount, Left Rear Engine	
7	4271292	1	Mount, Right Rear Engine	
8	800546J	13	Screw, M12-1.25 x 35 mm Hex Head	
9	446154	13	Lockwasher, 1/2 Heavy	
10	453017	13	Flat Washer, 1/2	
11	362263	1	Bolt, M10 - 1.25 x 25	
12	363485	3	Lockwasher, M10	
13	453013	1	Flat Washer, 7/16	
14	4198040	4	Screw, M12-1.75 x 45 mm Flange	
15	450455	4	Nut, M12-1.75 Hex Flange	
16	10075137	4	Engine Mount	
17	4330089	1	Mount, Left Front Engine	
18	4330093	1	Mount, Right Front Engine	
19	4333607	1	Bracket, Oil Funnel	
20	548905	8	Screw, 3/8-16 x 1" Hex Flange	
21	548804	8	Nut, 3/8-16 Whizlock Flange	
22	4330009	1	Bracket, Exhaust Mount	
23	4303771	1	Clamp, 2-1/4" Exhaust	
24	4333291	1	Muffler	
25	4330226	1	Bracket, Exhaust Mount	
26	800385	8	Screw, 3/8-16 x 3/4" Hex Flange	
27	445796	14	Nut, 3/8-16 Spiralock Flange	
28	4179804	1	Fan, 8 Blade	
29	4393215	1	Actuator, Throttle	
30	4333293	1	Exhaust Pipe	
31	4330326	1	Bracket, Exhaust Adjustment	
32	4330697	1	Mount, Controller	
33	800710	2	Screw, 5/16-18 x 1" Hex Flange	
34	361064	2	P-Clip, 5/8"	
35	4343206	2	Spring, Tail Pipe	
36	4333287	1	Tail Pipe	
37	162236	2	Clamp, 2-1/8" Exhaust	
38	548911	2	Nut, 5/16-18 Hex Flange	
39	364501	1	Sender, Temperature	
40	345671	1	Clamp, 3/4"	
41	UK450410	4	Lockwasher, M6 x 9.6 x 1.5mm	
42	UK450005	4	Hex Bolt, M6 - 1.0 x 50mm	
43	4325008	1	Engine Fan Spacer	
44	UK450389	4	Washer, M6 x 12.5 x 1.8mm	

LIGHTWEIGHT FAIRWAY MOWER

20.1 Four Cylinder Engine

V2403 Tier 4 Final / Stage 5 Engine Option



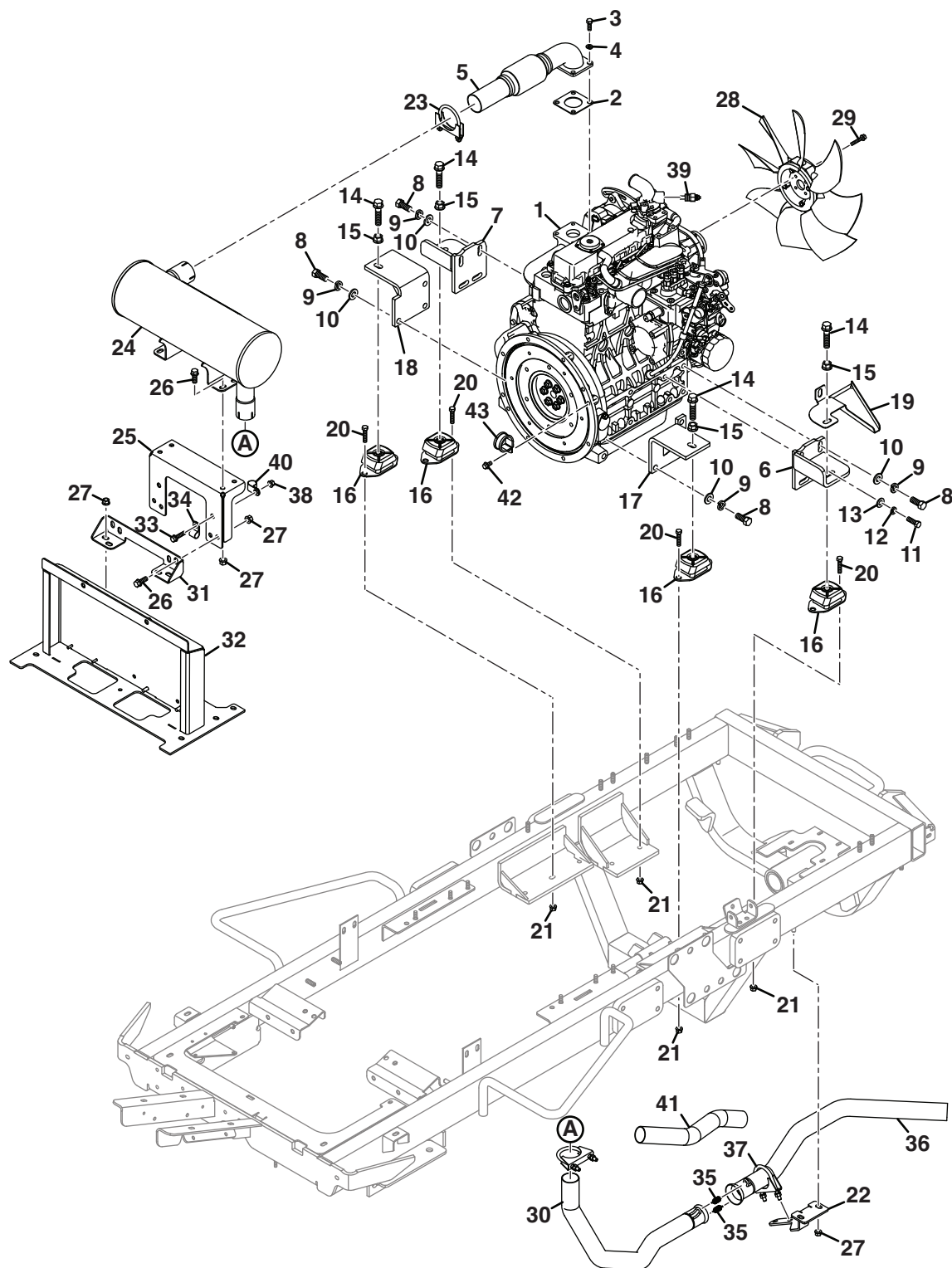
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4300534	1	Engine, Kubota V2403-CR-E4B	V2403 T4F Option
	4113986	1	• Filter, Engine Oil	
2	4134436	1	• Gasket, Exhaust	
3	5003269	2	• Screw, M6-1 x 20 mm Hex Flange	
4	4297102	2	• Screw, M6-1 x 12 mm Hex Flange	Only for V2403 T4F Option
5	4315266	1	Bracket, DPF Sensor	
6	694018	1	Engine, Kubota V2403-CRS S5	
7	4271291	1	Mount, Left Rear Engine	
8	4271292	1	Mount, Right Rear Engine	V2403 Stage 5 Option, Include Item 2
9	800546J	12/13	Bolt, M12-1.25 x 35 mm	
10	446154	13	Lockwasher, 1/2 Heavy	
11	453017	13	Flat Washer, 1/2	
12	362263	1	Bolt, M10-1.25 x 25 mm	12 for V2403 T4F & 13 for V2403 S5
13	363485	3	Lockwasher, M10	
14	453013	1	Flat Washer, 7/16	
15	4198040	4	Screw, M12-1.75 x 45 mm Flange	
16	450455	4	Nut, M12-1.75 Hex Flange	
17	10075137	4	Engine Mount	
18	4330089	1	Mount, Left Front Engine	
19	4330093	1	Mount, Right Front Engine	
20	4333607	1	Bracket, Oil Funnel	
21	548905	8	Screw, 3/8-16 x 1" Hex Flange	
22	548804	8	Nut, 3/8-16 Whizlock Flange	
23	4300792	1	Bracket, Exhaust Mount	
24	366884	2	Hex Bolt	
25	450401	2	Flat Washer, M10	
26	4304777	1	Bracket, Exhaust	
27	440078	2	Carriage Bolt, 5/16-18 x 3/4"	
28	548911J	2	Nut, 5/16-18 Hex Flange	
29	4179804	1	Fan, 8 Blade	
30	452380J	4	Screw, M6-1 x 30 mm Hex Flange	
31	4333286	1	Exhaust Pipe	
32	326112	2	Clamp	
33	4299171	1	Sleeve, Insulating	
33	4137153	1	Knitted Silica Sleeve, 50 Dia	
34	363586	4	Screw, M8-1.25 x 20 mm Hex Head	
35	450411J	4	Lockwasher, M8 x 12.75 x 2	
36	4343206	2	Spring, Tail Pipe	
37	4333287	1	Tail Pipe	
38	162236	1	Clamp, Exhaust	
39	10001406	1	Hex Socket Screw, M12-1.25x35mm	Only for V2403 T4F Option
40	452398J	1	Screw, M10-1.5 x 20 mm Hex Flange	
41	4344103	1	Rubber Sleeve	
42	444808	2	Hex Flex Lock Nut, 5/16-18	
				Discard Hardware Include with Item 38 and use. - for S5 Engine only

LIGHTWEIGHT FAIRWAY MOWER

21.1 Three Cylinder Engine

D1803 Tier 4 Interim Engine Option



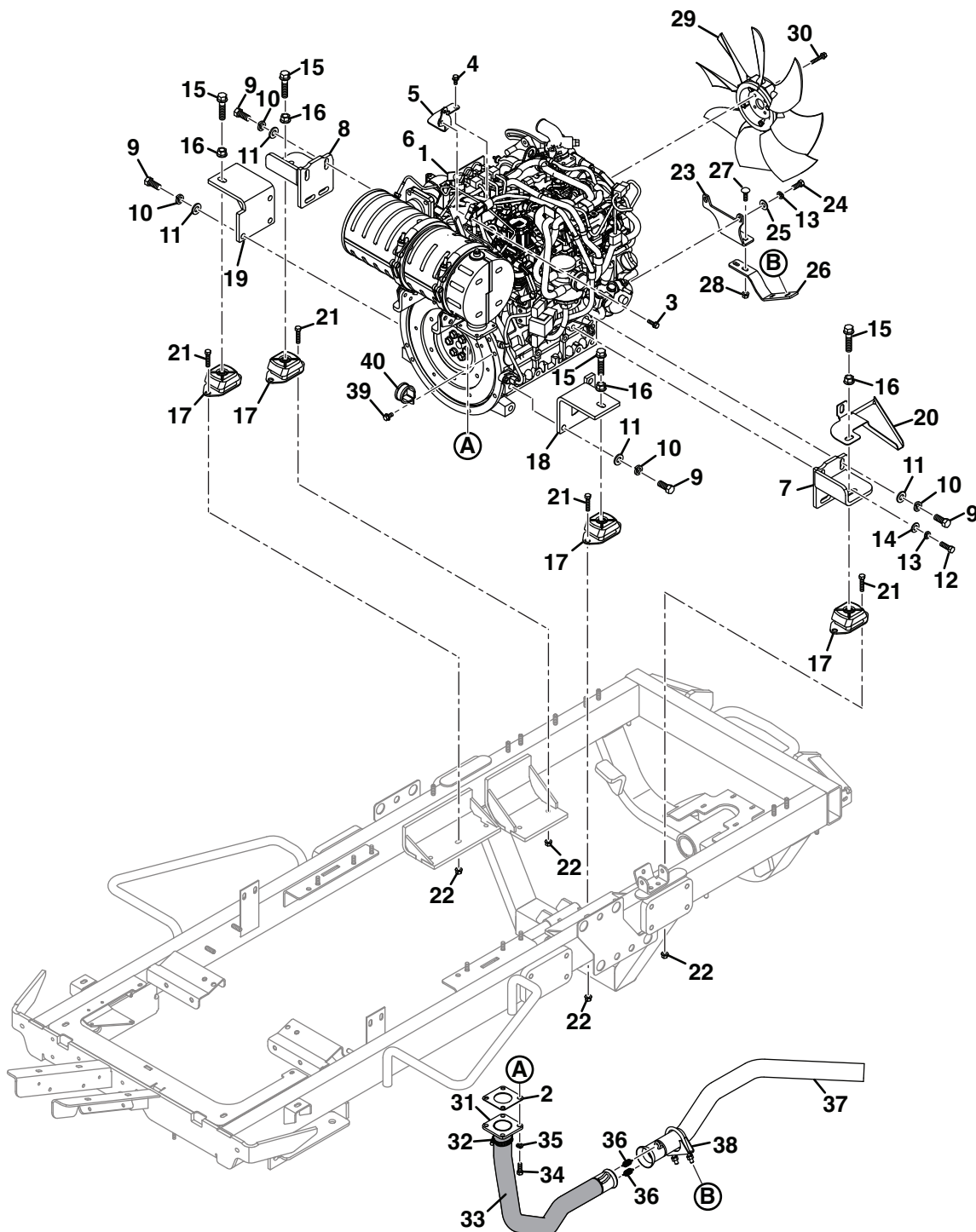
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4299955	1	Engine, Kubota D1803-M-DI-E3B	See 8.1
	4113986	1	• Filter, Engine Oil	
2	4268230	1	• Gasket, Exhaust	
3	363586	4	Screw, M8-1.25 x 20 mm Hex Head	
4	450411	4	Lockwasher, M8	
5	4333292	1	Pipe, Flex	
6	4271291	1	Mount, Left Rear Engine	
7	4271292	1	Mount, Right Rear Engine	
8	800546J	13	Screw, M12-1.25 x 35 mm Hex Head	
9	446154	13	Lockwasher, 1/2 Heavy	
10	453017	13	Flat Washer, 1/2	
11	362263	1	Screw, M10-1.25 x 25 mm Hex Head	
12	363485	3	Lockwasher, M10	
13	453013	1	Flat Washer, 7/16	
14	4198040	4	Screw, M12-1.75 x 45 mm Flange	
15	450455	4	Nut, M12-1.75 Hex Flange	
16	10075137	4	Engine Mount	
17	4330089	1	Mount, Left Front Engine	
18	4330093	1	Mount, Right Front Engine	
19	4333607	1	Bracket, Oil Funnel	
20	548905	8	Screw, 3/8-16 x 1" Hex Flange	
21	548804	8	Nut, 3/8-16 Whizlock Flange	
22	4330009	1	Bracket, Exhaust Mount	
23	4303771	1	Clamp, 2-1/4" Exhaust	
24	4333291	1	Muffler	
25	4330226	1	Bracket, Exhaust Mount	
26	800385	8	Screw, 3/8-16 x 3/4" Hex Flange	
27	445796	14	Nut, 3/8-16 Spiralock Flange	
28	4384027	1	Fan, 8 Blade, 35°	
29	452380	4	Screw, M6-1 x 30 mm Hex Flange	
30	4333293	1	Exhaust Pipe	
31	4330326	1	Bracket, Exhaust Adjustment	
32	4330697	1	Mount, Controller	
33	800710	2	Screw, 5/16-18 x 1" Hex Flange	
34	361064	2	P-Clip, 5/8"	
35	4343206	2	Spring, Tail Pipe	
36	4333287	1	Tail Pipe	
37	162236	2	Clamp, 2-1/8" Exhaust	
38	548911	2	Nut, 5/16-18 Hex Flange	
39	364501	1	Sender, Temperature	
40	345671	1	Clamp, 3/4"	
41	4299171	1	Sleeve	
42	452398	1	Screw, M10-1.5 x 20 mm Hex Flange	
43	4344103	1	Rubber Sleeve	

LIGHTWEIGHT FAIRWAY MOWER

22.1 Three Cylinder Engine

D1803 Tier 4 Final / Stage 5 Engine Option



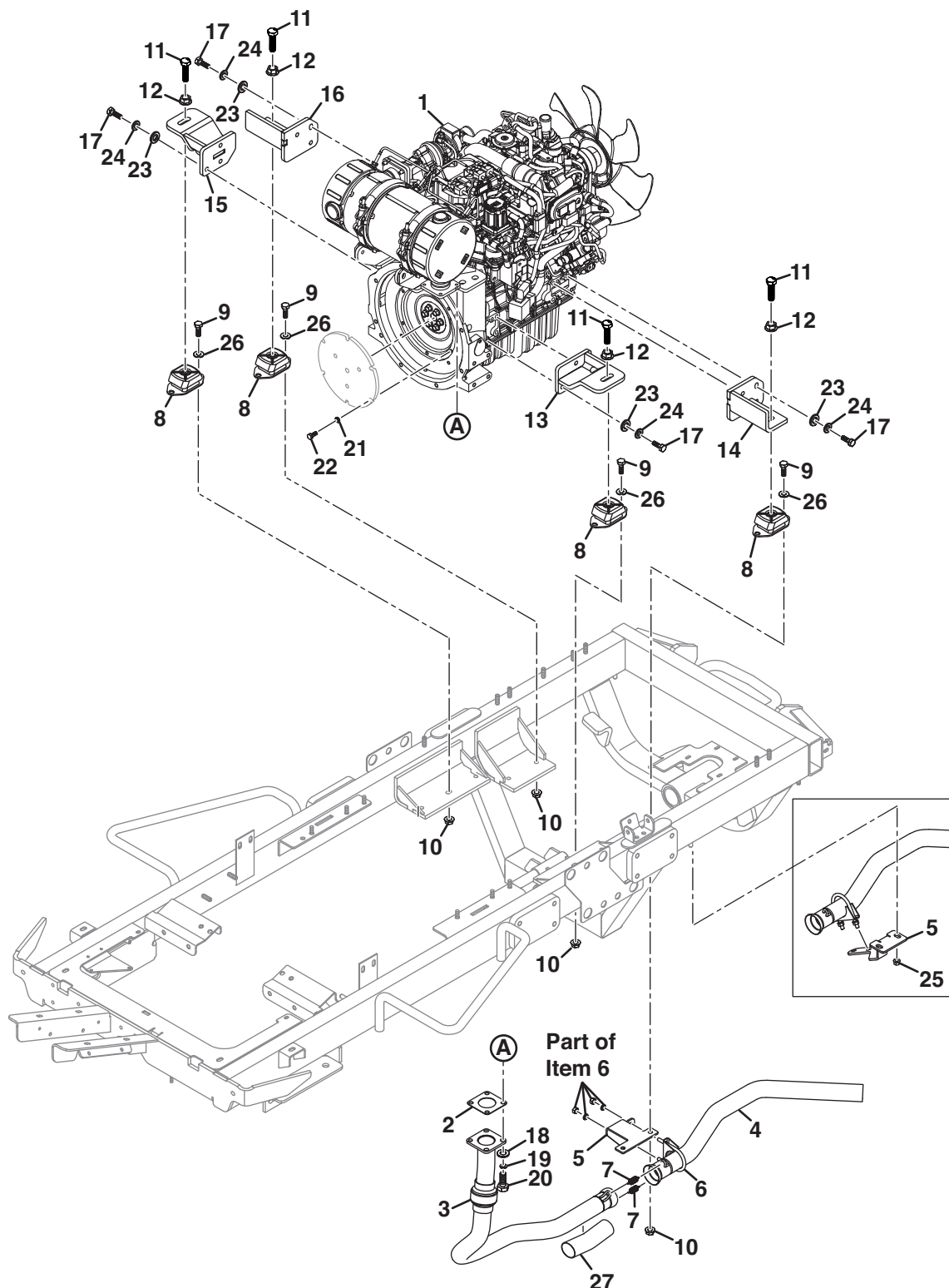
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4299954	1	Engine, Kubota D1803-CR-E4B	D1803 T4F Option
	4113986	1	• Filter, Engine Oil	
2	4134436	1	• Gasket, Exhaust	Only for D1803 T4F Option
3	5003269	2	• Screw, M6-1 x 20 mm Hex Flange	
4	4297102	2	• Screw, M6-1 x 12 mm Hex Flange	D1803 Stage 5 Option, Include Item 2
5	4318343	1	Bracket, DPF Sensor	
6	693331	1	Engine, Kubota D1803-CRS S5	
7	4271291	1	Mount, Left Rear Engine	
8	4271292	1	Mount, Right Rear Engine	
9	800546J	13	Bolt, M12-1.25 x 35 mm	
10	446154	13	Lockwasher, 1/2 Heavy	
11	453017	13	Flat Washer, 1/2	
12	362263	1	Bolt, M10-1.25 x 25 mm	
13	363485	3	Lockwasher, M10	
14	453013	1	Flat Washer, 7/16	
15	4198040	4	Screw, M12-1.75 x 45 mm Flange	
16	450455	4	Nut, M12-1.75 Hex Flange	
17	10075137	4	Engine Mount	
18	4330089	1	Mount, Left Front Engine	
19	4330093	1	Mount, Right Front Engine	
20	4333607	1	Bracket, Oil Funnel	
21	548905	8	Screw, 3/8-16 x 1" Hex Flange	
22	548804	8	Nut, 3/8-16 Whizlock Flange	
23	4300792	1	Bracket, Exhaust Mount	
24	366884	2	Hex Bolt	
25	450401	2	Flat Washer, M10	
26	4304777	1	Bracket, Exhaust	
27	440078	2	Carriage Bolt, 5/16-18 x 3/4"	
28	548911J	2	Nut, 5/16-18 Hex Flange	
29	4384027	1	Fan, 8 Blade, 35°	
30	452380J	4	Screw, M6-1 x 30 mm Hex Flange	
31	4333290	1	Exhaust Pipe	
32	326112	2	Clamp	
33	4299171	1	Sleeve, Insulating	
34	363586	4	Screw, M8-1.25 x 20 mm Hex Head	
35	450411J	4	Lockwasher, M8 x 12.75 x 2	
36	4343206	2	Spring, Tail Pipe	
37	4333287	1	Tail Pipe	
38	162236	1	Clamp, Exhaust	
39	452398	1	Screw, M10-1.5 x 20 mm Hex Flange	
40	4344103	1	Rubber Sleeve	

LIGHTWEIGHT FAIRWAY MOWER

23.1 Four Cylinder Engine

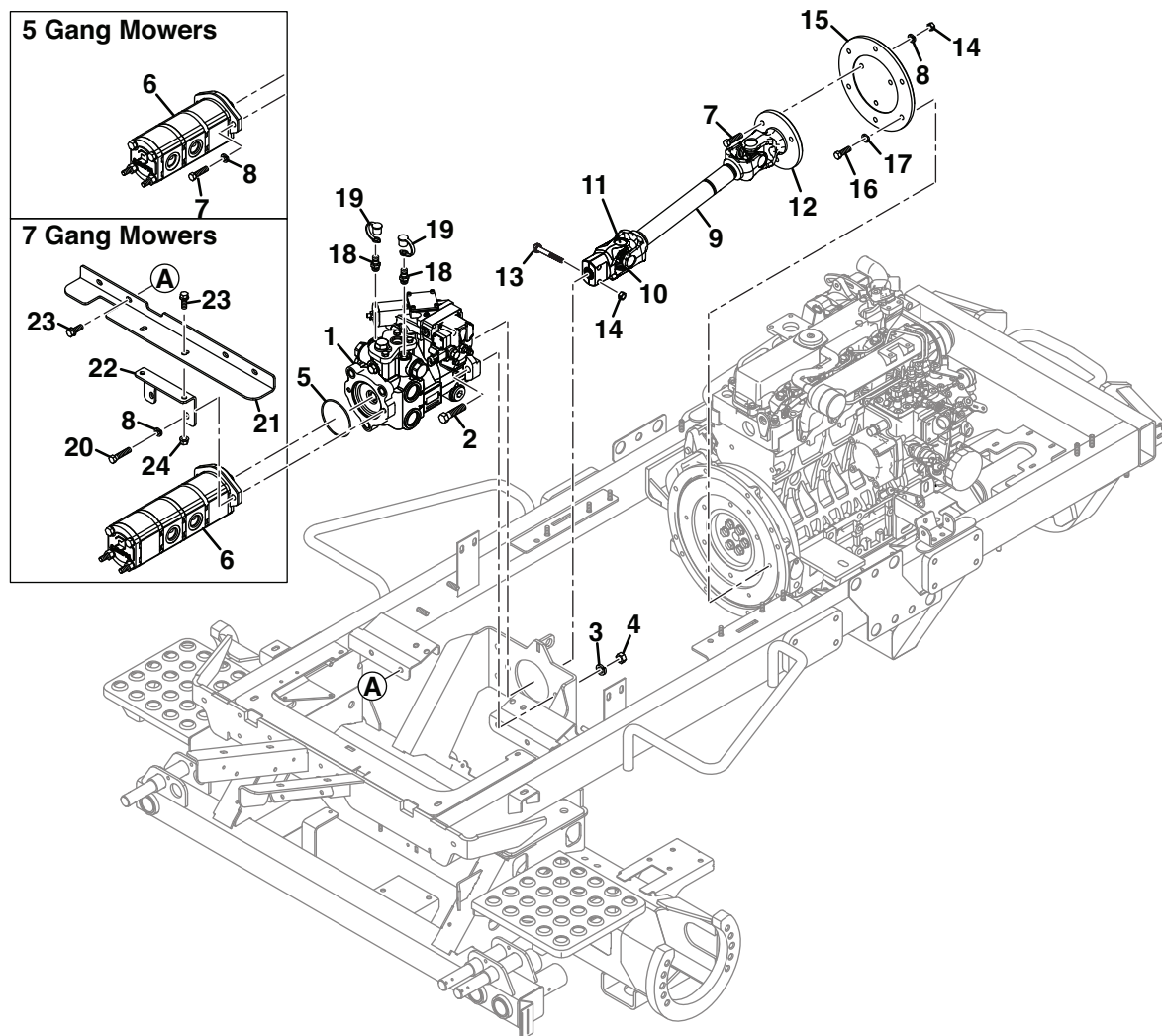
V1505 Stage 5 Engine Option



LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	696678	1	Engine, Kubota V1505-CR-T Stage V	Upto S//N - DCV000322 DCU000304, DCW000327 & DCY000347 From S//N - DCV000322 DCU000304, DCW000327 & DCY000347 Upto S//N - DCV000322 DCU000304, DCW000327 & DCY000347
2	4134436	1	Mufler Gasket	
3	10044281	1	Exhaust Weldment, V1505	
4	4333287	1	Tail Pipe Weldment	
5	4330009	1	Exhaust Mount Bracket	
5	10062166	1	Exhaust Mount Bracket	
6	162236	1	Clamp	
7	4343206	2	Spring, Tail Pipe	
8	10075137	4	Engine Mount	
9	450215	8	Hex Screw, M10 x 30	
10	450454	8	Nut, M10 x 1.50	
11	4198040	4	Hex Cap Screw, M12 x 1.75 x 45	
12	450455	4	Hex Nut, M12-1.75	
13	10045984	1	Rear Engine Mount Weldment, RH	
14	10045938	1	Front Engine Mount Weldment, RH	
15	10045983	1	Rear Engine Mount Weldment, LH	
16	10045986	1	Front Engine Mount Weldment, LH	
17	UK006820550	12	Hex Screw, M10 - 1.25 x 30	
18	UK450390	4	Washer, M8 x 17 x 1.8	
19	UK450411	4	Lockwasher, M8 x 12.75 x 2	
20	450192	4	Hex Head Screw, M8 - 1.25 x 25	
21	4258312	6	AV Washer, 8.7 x 13.5 x 2.5	
22	400184J	6	Hex Head Screw, 5/46 - 18 x 0.75	
23	UK450391	12	Washer, M10 x 15.9 x 2.5	
24	UK450412	12	Lockwasher, M10 x 15.9 x 2.5	
25	445796	2	Spirallock Flange Nut, 3/8-16	
26	450401	8	Flat Washer	
27	10041510	1	Exhaust Tube Sleeve Top	

24.1 Pump Mounting



LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4359966	1	Pump, Traction	
2	400410	2	Screw, 1/2-13 x 1-3/4" Hex Head	
3	446154	2	Lockwasher, 1/2 Heavy	
4	443118	2	Nut, 1/2-13 Hex	
5	362743	1	O-Ring Seal	
6	4300317	1	Pump, Three Section Gear	For 5 Gang Mowers
	4303775	1	• Seal Kit	
6	4300318	1	Pump, Four Section Gear	For 7 Gang Mowers
	5003173	1	• Seal Kit	
7	400264	5	Screw, 3/8-16 x 1-1/4" Hex Head	For 5 Gang Mowers
7	UK451110134	3	Screw, 3/8-16 x 1-1/2" Hex Head	For 7 Gang Mowers & V1505 Engine
8	446142	5	Lockwasher, 3/8 Heavy	
9	4304767	1	Drive Shaft	
10	4283293	1	• Yoke, Pump	
11	148318	2	• Cross Kit	
12	4134585	1	• Yoke, Engine	
13	450033	2	Screw, Hex Metric	
13	400317J	2	Screw, 3/8 - 24	For V1505 Engine Only
14	UK452437	2	Nut, M10 Flange Hex	
14	444744	2	Locknut, 3/8 - 24	For V1505 Engine Only
15	4136522	1	Flange, Pump Drive	
15	10015748	1	Flange Plate, Pump Drive	For V1505 Engine Only
16	362263	6	Screw, M10-1.25 x 25 mm	
16	400190J	6	Screw, 5/16 - 18 x 1.25" Hex Head	For V1505 Engine Only
17	363485	6	Lockwasher, M10 Heavy	
18	365466	2	Fitting, Diagnostic	
	339897	1	• O-Ring, -6 ORB	
19	363030	2	Cover, Dust	
20	400266	2	Screw, 3/8-16 x 1-1/2" Hex Head	7 Gang Mowers Only
21	4196060	1	Bracket, Pump Support	7 Gang Mowers Only
22	4329111	1	Bracket, Pump Mount	7 Gang Mowers Only
23	800385	6	Screw, 3/8-16 x 3/4" Hex Flange	7 Gang Mowers Only
24	445796	2	Nut, 3/8-16 Spiralock Flange	7 Gang Mowers Only

Tier 4 Interim Engine Options



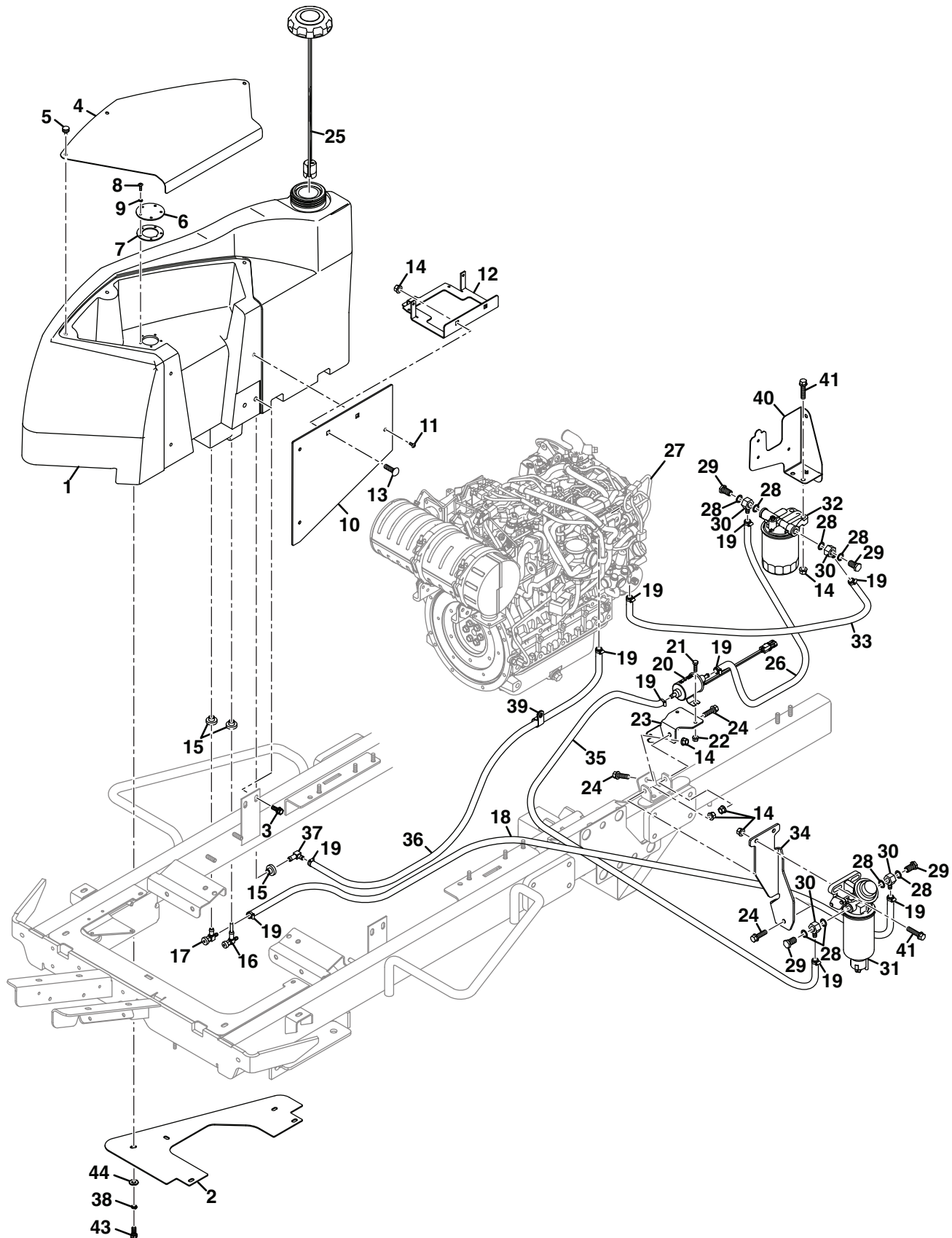
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4237504	1	Tank, Fuel	1.5mm Length
2	3006243	1	Plate, Tank Mounting	
3	403769J	2	Screw, 1/4-20 x 1/2" Hex Flange	
4	4333247	1	Plate, Blanking Top	
5	4332048	3	Screw, #10-24 x 3/8" Thumb	
6	4238043	1	Plate, Fuel Block Off	
7	5003374	1	Gasket, Fuel	
8	403910J	5	Screw, #10-24 x 1/2" Truss Head	
9	446118	5	Lockwasher, #10 Heavy	
10	4333246	1	Plate, Blanking	
11	403908J	3	Screw, #10-24 x 3/8" Truss Head	
12	4340626	1	Bracket, Fuel Tank Compartment	
13	441624	2	Carriage Bolt, 3/8-16 x 1"	
14	548804	6	Nut, 3/8-16	
15	361117	3	Bushing	
16	2810702	1	Valve, Needle	
17	132647	1	Valve, Fuel Shut-Off	
18	10003025	1	Hose, 5/16" ID Tank to Fuel Pump	
19	10012147	8	Hose Clamp	
20	10007567	1	Electric Fuel Pump	
21	400108J	2	Screw, 1/4-20 x 3/4" Hex Head	
22	445794	2	Nut, 1/4-20 Spiralock Flange	
23	4329066	1	Bracket, Fuel Pump	
24	800709	2	Screw, 3/8-16 x 1" Hex Flange	
25	4237622	1	Cap, Diesel Fuel with Gauge	
26	10003042	1	Hose, 5/16 ID Fuel Pump to Filter	
27	REF	1	Tier 4 Interim Engine	
28	4138107	4	• Washer, Brass	
29	4138103	2	• Bolt, M14-1.5 Banjo	
30	2501172	2	• Fitting, Banjo Fuel	
31	550362	1	• Screw, M6 x 16 mm Hex	
32	4280171	1	• Fuel Filer Element	
	4297133	1	• • Cartridge, Filter	
33	10003043	1	Hose, 5/16 ID Fuel Filter to Engine	
34	4333310	1	Cable Tie, Fir Tree	
35	345666	1	Clamp, 1/2" Hose	
36	10003110	1	Hose, 3/16 ID Engine to Tank	
37	361748	1	Fitting, Fuel Overflow	
38	446130	5	Lock Washer, 1/4	
39	345671	1	Clamp, 3/4" Hose	
40	10046606	1	Bracket, Fuel Filter/Coolant Bottle	
41	800714	2	Screw, 3/8-16 x 1-1/4" Hex Flange	
42	359979	1	Pad	
43	400108J	5	Hex Head Screw, 1/4-20x3/4"	Not Illustrated
44	UK452101667	5	Washer, 1/4 x 1 x 0.104	

LIGHTWEIGHT FAIRWAY MOWER

26.1 T4F / Stage 5 Fuel System

Tier 4 Final / Stage 5 Engine Options



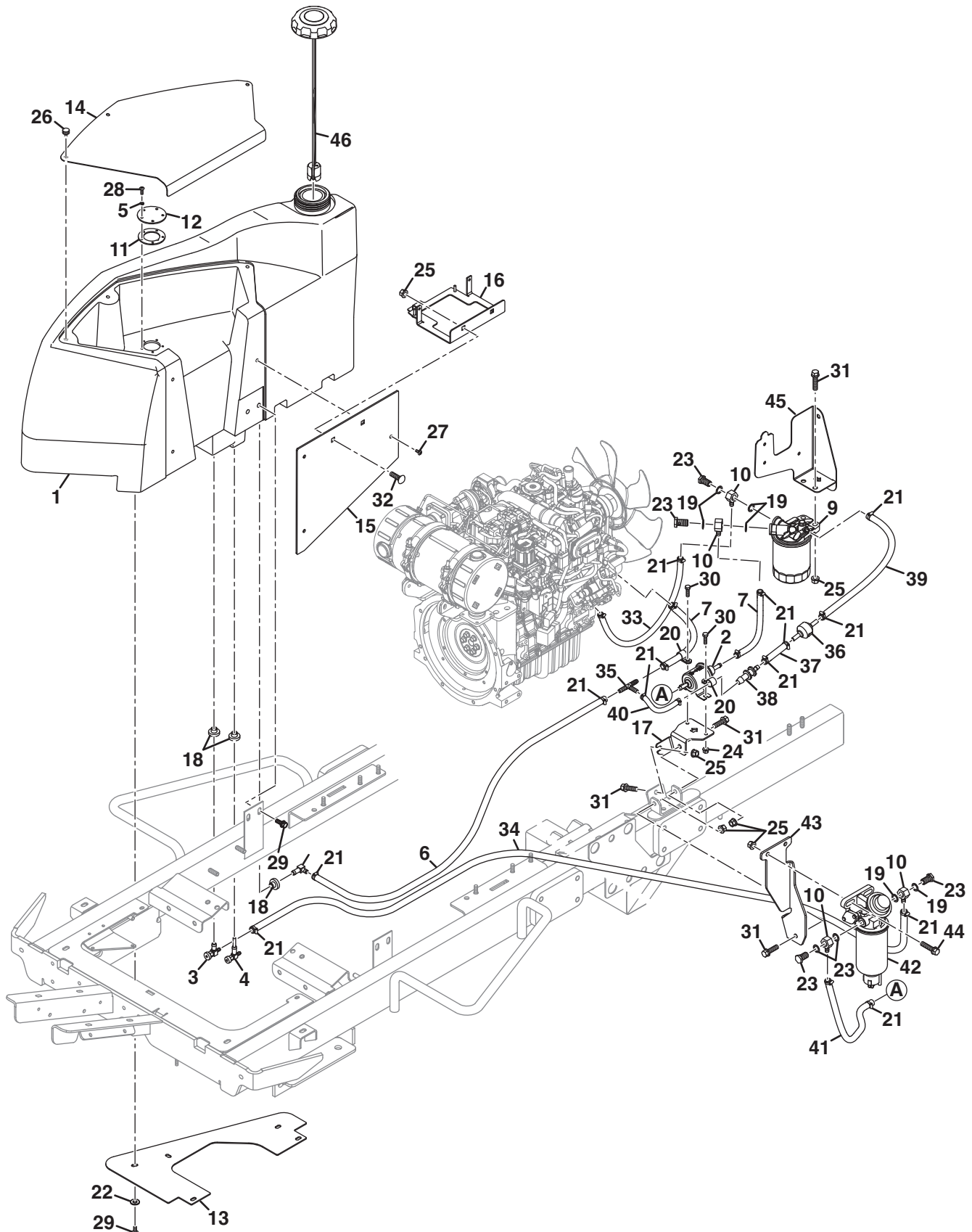
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4237504	1	Tank, Fuel	1626 mm Length
2	3006243	1	Plate, Tank Mounting	
3	403769J	2	Screw, 1/4-20 x 1/2" Hex Flange	
4	4333247	1	Plate, Blanking Top	
5	4332048	3	Screw, #10-24 x 3/8" Thumb	
6	4238043	1	Plate, Fuel Block Off	
7	5003374	1	Gasket, Fuel	
8	403910J	5	Screw, #10-24 x 1/2" Truss Head	
9	446118	5	Lockwasher, #10 Heavy	
10	4333246	1	Plate, Blanking	
11	403908J	3	Screw, #10-24 x 3/8" Truss Head	
12	4340626	1	Bracket, Fuel Tank Compartment	
13	441624	2	Carriage Bolt, 3/8-16 x 1"	
14	548804	9	Nut, 3/8-16	
15	361117	3	Bushing	
16	2810702	1	Valve, Needle	
17	132647	1	Valve, Fuel Shut-Off	
18	10003045	1	Hose, 5/16" ID Tank to Separator In	
19	10012147	10	Hose Clamp	
20	10007567	1	Electric Fuel Pump	
21	400108J	2	Screw, 1/4-20 x 3/4" Hex Head	
22	445794	2	Nut, 1/4-20 Spiralock Flange	
23	4329066	1	Bracket, Fuel Pump	
24	800709	3	Screw, 3/8-16 x 1" Hex Flange	
25	4305856	1	Cap, Diesel Fuel with Gauge	
26	10003042	1	Hose, 5/16 ID Fuel Pump to Filter	
27	REF	1	Tier 4 Final / Stage 5 Engine	
28	4138107	8	• Washer, Brass	
29	4138103	4	• Bolt, M14-1.5 Banjo	
30	2501172	4	• Fitting, Banjo Fuel	
31	4280212	1	Water Separator	
	4297126	1	• • Element, Water Separator	
32	4280171	1	• Fuel Filer Element	
	4297133	1	• • Cartridge, Filter	
33	10003046	1	Hose, 5/16 ID Fuel Filter out to Engine In	
34	4328107	1	Bracket, Separator	
35	10003046	1	Hose, 5/16 ID Separator to Fuel Pump	
36	10003047	1	Hose, 5/16 ID Engine to Tank	
37	3003704	1	Fitting, Fuel Overflow	
38	446130	5	Lock Washer, 1/4	
39	345671	1	Clamp, 3/4" Hose	
40	10046606	1	Bracket, Fuel Filter/Coolant Bottle	
41	800714	4	Screw, 3/8-16 x 1-1/4" Hex Flange	
42	359979	1	Pad	Not Illustrated
43	400108J	5	Hex Head Screw, 1/4-20x3/4"	
44	UK452101667	5	Washer, 1/4 x 1 x 0.104	

LIGHTWEIGHT FAIRWAY MOWER

27.1 V1505 Fuel System

Stage 5 Engine Options

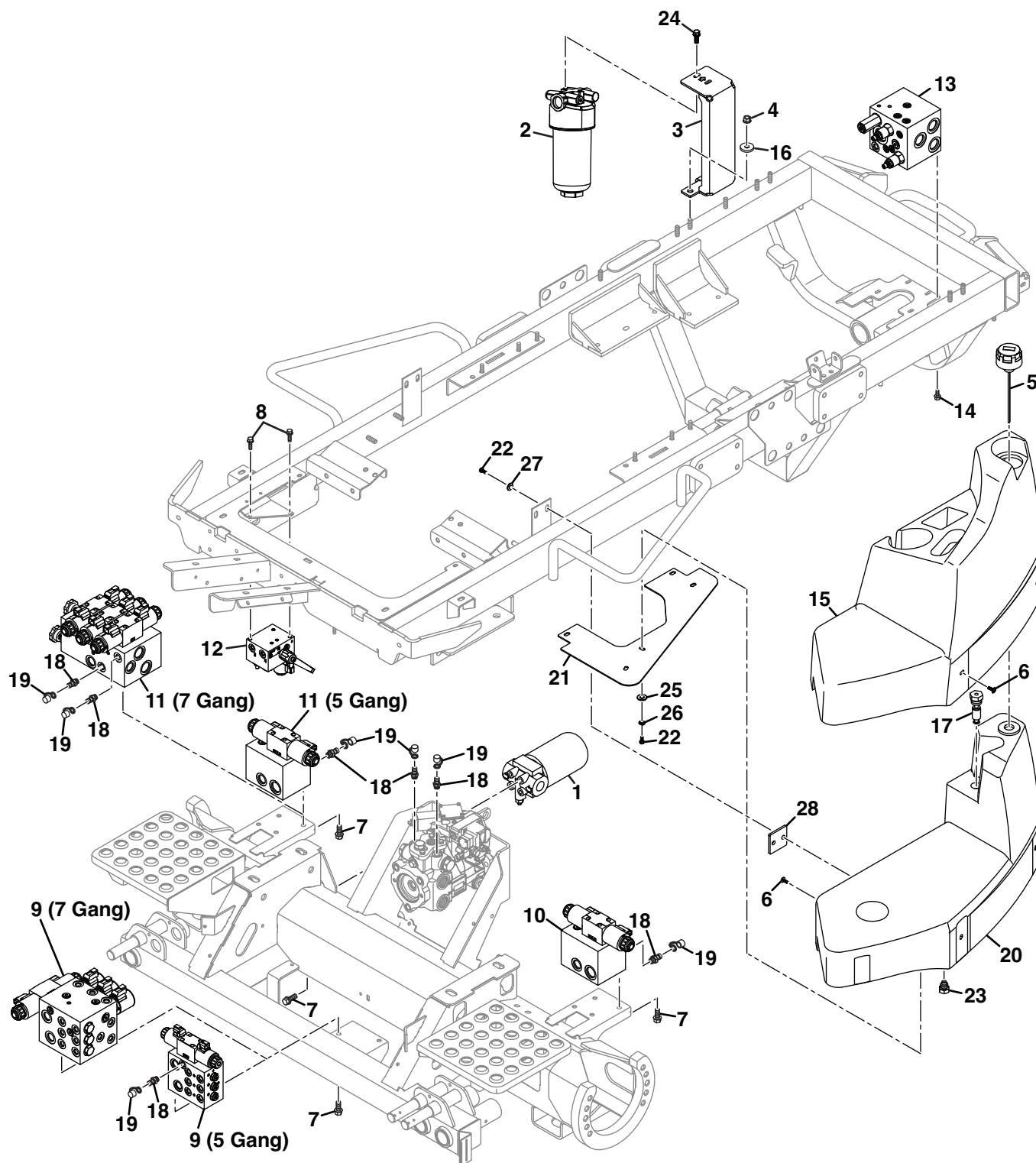


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4237504	1	Tank, Fuel	Not Illustrated
2	10012084	1	Fuel Pump	
3	132647	1	Valve, Fuel Shut-Off	
4	2810702	1	Valve, Needle	
5	446118	5	Lockwasher, #10 Heavy	
6	554752	1	Hose, 3/16 ID Engine to Tank	
7	10046647	2	Fuel Hose	
8	359979	1	Pad	
9	10010551	1	Fuel Filter Assembly	
10	2501172	4	Fitting, Banjo Fuel	
11	5003374	1	Gasket, Fuel	
12	4238043	1	Plate, Fuel Block Off	
13	3006243	1	Plate, Tank Mounting	
14	4333247	1	Plate, Blanking Top	
15	4333246	1	Plate, Blanking	
16	4340626	1	Bracket, Fuel Tank Compartment	
17	4329066	1	Bracket, Fuel Pump	
18	361117	3	Bushing	
19	4138107	8	Brass Washer	
20	345671	2	Hose Clamp	
21	48540-01	18	Hose Clamp, Worm Gear	
22	UK452101667	5	Washer, 1/4 x 1 x 0.104	
23	4138103	4	Bolt, M14-1.5 Banjo	
24	445794	2	Hex Spiralock Flange Nut, 1/4-20	
25	548804	8	Nut, 3/8-16	
26	4332048	3	Thumb Screw, #10-24 x 3/8"	
27	403908J	3	Truss Head Screw, #10-24 x 0.375	
28	403910J	5	Truss Head Screw, #10-24 x 1/2"	
29	403769J	7	Hex Flange Screw, 1/4-20 x 1/2"	
30	400108J	2	Hex Head Screw, 1/4-20 x 3/4"	
31	800709	5	Hex Flange Screw, 0.38-16 x 1.00	
32	441624	2	Carriage Bolt, 3/8-16 x 1"	
33	10047463	1	Fuel Hose 440 mm LG	
34	554748	1	Hose, 5/16" ID Tank to Separator	
35	689202	1	Tee Fitting, 5/16	
36	4138044	1	Fuel Check Valve	
37	10010767	1	Fuel Hose, 50 mm LG	
38	4139967	1	Adapter	
39	10046615	1	Fuel Hose	
40	10047459	1	Fuel Hose, 180 mm LG	
41	10010710	1	Fuel Hose, 410 mm LG	
42	4280212	1	Water Separator	
	4297126	1	• Element, Water Separator	
43	4328107	1	Bracket, Separator	
44	800714	2	Hex Flange Screw, 3/8-16 x 1-1/4"	
45	10046606	1	Bracket, Fuel Filter/Coolant Bottle	
46	4305856	1	Cap, Diesel Fuel with Gauge	Ultra Low Sulfur Only

LIGHTWEIGHT FAIRWAY MOWER

28.1 Hydraulic Components

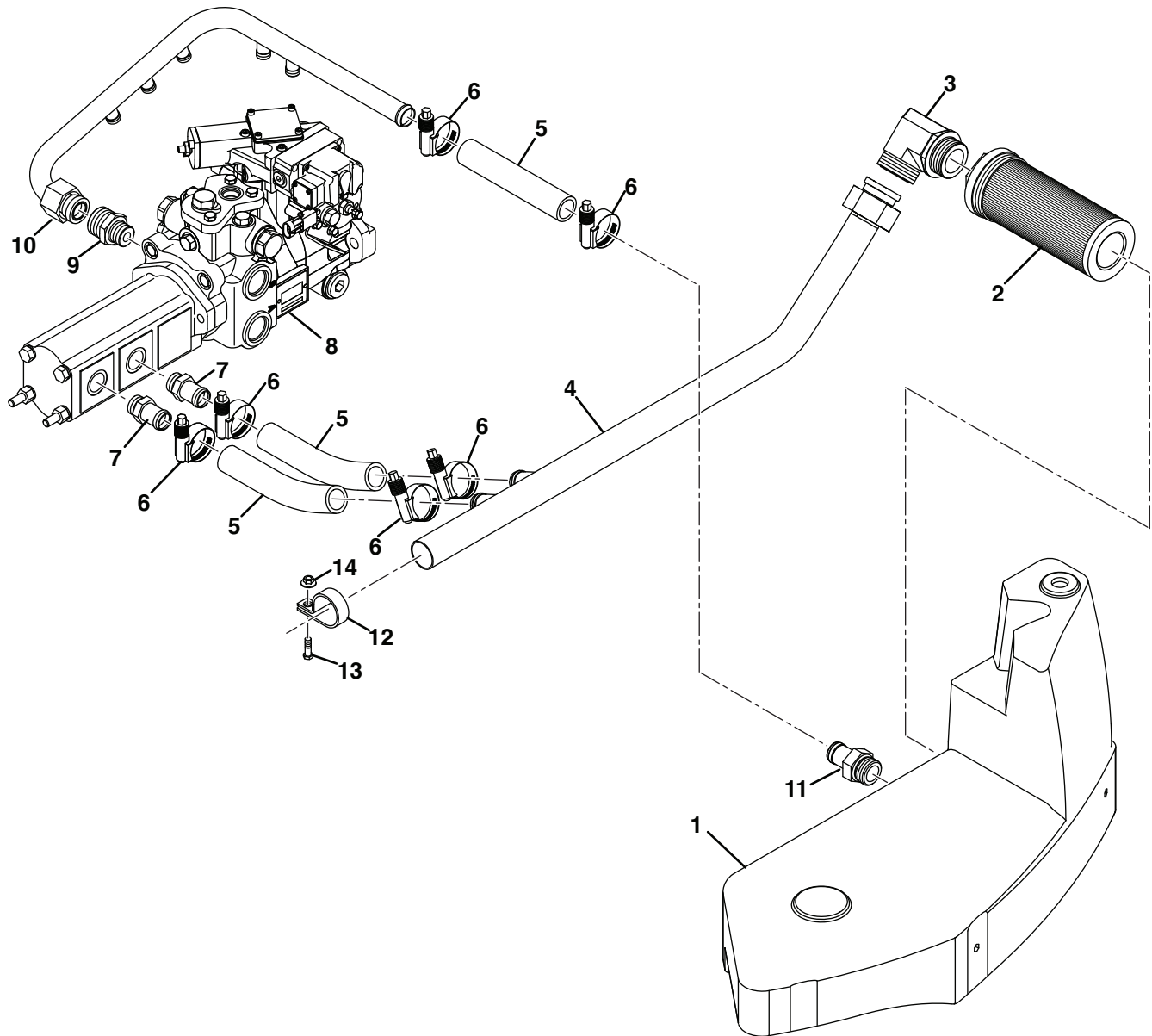


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	123015	1	Charge Filter	See 35.1 and 37.1
	556417	1	• Head	
	2811255	1	• Oil Filter Cartridge	
	556419	1	• Charge Pressure Switch	
2	10016681	1	Return Filter	REFERENCE SW-1, See 70.1 See 36.1
	10016719	1	• Oil Filter Cartridge	
3	4325848	1	Bracket, Filter	
4	445796	2	Nut, 3/8-16 Spiralock Flange	
5	3006332	1	Breather, Filter	
6	4211480	5	Socket Button Head Screw, M6 x 16	
7	800365	8	Screw, 3/8-16 x 3/4" Hex Flange	
8	548045	2	Screw, 1/4-20 x 3/4" Hex Flange	
9	10057641	1	Lift Valve	5 Gang Mower, See 61.1
9	4195083	1	Lift Valve, 7 Gang	7 Gang Mower,
10	4355571	1	Reel Valve, Front	See 58.1
10	10014818	1	Cutting Control Valve Manifold	See 65.1
11	4355571	1	Reel Valve, Rear	5 Gang Mower, See 58.1
11	10014818	1	Cutting Control Valve Manifold	5 Gang Mower, See 65.1
11	4195082	1	Reel Valve, Rear	7 Gang Mower,
12	10017443	1	Valve, Brake	See 35.1
13	4333510	1	Valve, 4WD	See 34.1
14	403753J	4	Screw, 1/4-20 x 1/2" Hex Flange	
15	3005872	1	Shell, Tank Cover	
16	358794	2	Washer	
17	3001279	1	Switch, Float	
	339900	1	• O-Ring, -12 ORB	
18	365466	5	Fitting, -6 ORB Diagnostic	
	339897	1	• O-Ring, -6 ORB	
19	363030	5	Dust Cover	
20	3005871	1	Tank, Hydraulic	
21	3006243	1	Plate, Tank Mounting	
22	UK450169	7	Hex Screw, M6 - 1.0 x 14mm	
23	3002397	1	Plug, Magnetic Drain	
	339899	1	• O-Ring, -10 ORB	
24	UK450471	2	Hex Screw, M8 - 1.25 x 20	
25	UK452101667	5	Washer, 1/4 x 1 x 0.104	
26	446130	5	Lock Washer, 1/4	
27	452000237	2	Washer -1/4 x 3/4 x 0.064	Not For V1505 Engine
27	UK450389	2	Washer, M6 x 12.5 x 1.8	For V1505 Engine Only
28	10070727	1	Packer, Tank	

LIGHTWEIGHT FAIRWAY MOWER

29.1 Pump Hydraulics



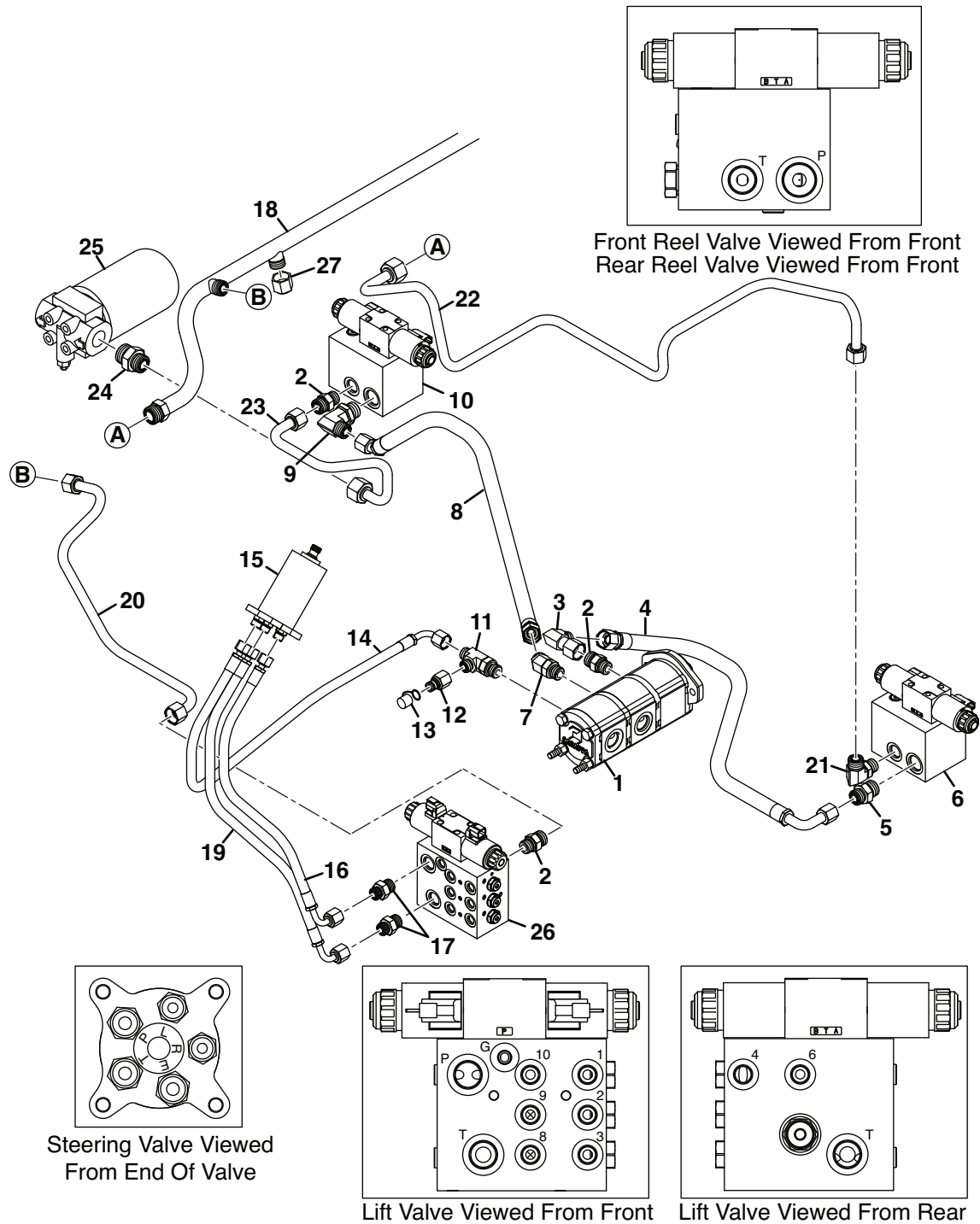
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	3005871	1	Tank, Hydraulic	See 28.1
2	365959	1	Strainer, Tank	
	2812075	1	• O-Ring	
3	340090	1	Fitting, 24-24 90°	
	339915	1	• O-Ring, -24 ORFS	
	339903	1	• O-Ring, -24 ORB	
4	1003992	1	Tube, Gear Pump Suction	
5	4148857	3	Hose, Tank	
6	3008673	6	Clamp, Constant Torque Hose	
7	4420203	2	Fitting, -16 ORB x 1" barbed	
	339913	1	• O-Ring, -16 ORB	
8	REF	1	Pump Assembly	See 24.1
9	4396470	1	Fitting, 1-7/16 ORF x 1-1/6 SAE	
	158061-19	1	• O-Ring, 1-7/16 ORF	
	002218120	1	• O-Ring, 1-1/6 SAE	
10	4113601	1	Tube, Return Manifold	See 37.1 and 27.1 for connecting tubes
	339908	5	• O-Ring, -4 ORFS	
11	4420203	1	Fitting, -16 ORB x 1" barbed	Secure tube to frame.
	339913	1	• O-Ring, -16 ORB	
12	364190	1	Clamp, 1-1/2" Diameter	
13	400264	1	Screw, 3/8-16 x 1-1/4" Hex Head	
14	445796	1	Nut, 3/8-16 Spiralock Flange	

LIGHTWEIGHT FAIRWAY MOWER

30.1 5 Gang Pressure and Return Hydraulics

5 Gang Option



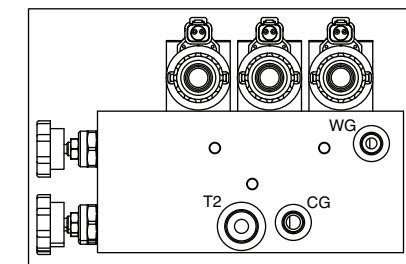
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4300317	1	Pump, Three Section Gear	See 24.1
	4303775	1	• Seal Kit	
2	158006-07	3	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	Front Reel Valve Port P
	002218104	1	• O-Ring, 7/8 SAE	
3	002590080	1	Fitting, 1 ORFS	
	158061-08	2	• O-Ring, 1 ORFS	See 28.1
4	4244263	1	Hose, Pump to Front Reel Valve	
5	158006-11	1	Fitting, 1 ORF x 1-1/16 SAE	
	158061-08	1	• O-Ring, 1 ORF	See 28.1
	002218120	1	• O-Ring, 1-1/16 SAE	
6	4355571	1	Valve, Front Reel	
6	10014818	1	Cutting Control Valve Manifold	See 28.1
7	002535010	1	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	Rear Reel Valve Port P
8	4244264	1	Hose, Pump to Rear Reel Valve	
9	158007-06	1	Fitting, 1 ORF x 1-1/16 SAE	
	158061-08	1	• O-Ring, 1 ORF	See 28.1
	002218120	1	• O-Ring, 1-1/16 SAE	
10	4355571	1	Valve, Rear Reel	
10	10014818	1	Cutting Control Valve Manifold	See 28.1
11	340274	1	Tee, -8 ORFS x -10 ORFS x -8 ORB	
	339910	1	• O-Ring, -8 ORFS	
	339911	1	• O-Ring, -10 ORFS	Steering Valve Port P
	339898	1	• O-Ring, -8 ORB	
12	364945	1	Fitting, -10 ORB Diagnostic	
13	363030	1	Dust Cover	Steering Port E, Lift Valve Port P
14	1003334	1	Hose, Pump to Steering Valve	
15	10043768	1	Valve, Steering	
16	1003339	1	Hose, Steering Valve to Lift Valve	Steering Port T, Lift Valve Port T
17	158006-06	2	Fitting, 13/16 ORF x 7/8 SAE	
	158061-02	1	• O-Ring, 13/16 ORF	
	002218104	1	• O-Ring, 7/8 SAE	Lift Valve Rear Port T
18	4325986	1	Tube, Return Filter	
19	1003340	1	Hose, Steering Valve to Lift Valve	
20	4327786	1	Tube, Lift Valve Return	Front Reel Valve Port T
21	158007-05	1	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	Rear Reel Valve Port T
22	4326930	1	Tube, Front Reel Valve Return	
23	4326311	1	Tube, Rear Reel Valve Return	
24	4229260	1	Fitting, 1-3/16 ORF x 1-5/16 SAE	See 28.1
	158061-09	1	• O-Ring, 1-3/16 ORF	
	002218146	1	• O-Ring, 1-5/16 SAE	
25	123015	1	Charge Filter	See 28.1
26	10057641	1	Valve, Lift	
27	002568040	1	Cap, 1" ORFS	

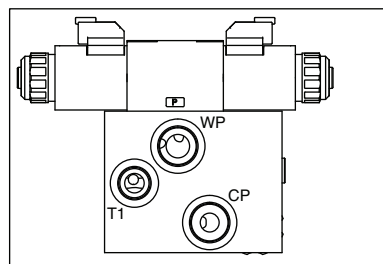
LIGHTWEIGHT FAIRWAY MOWER

31.1 7 Gang Pressure and Return Hydraulics

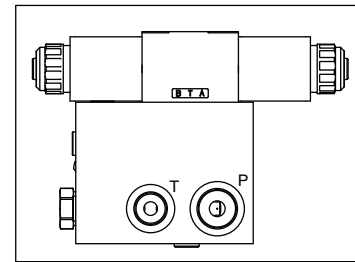
7 Gang Option



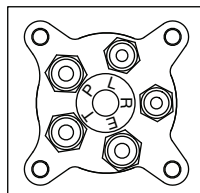
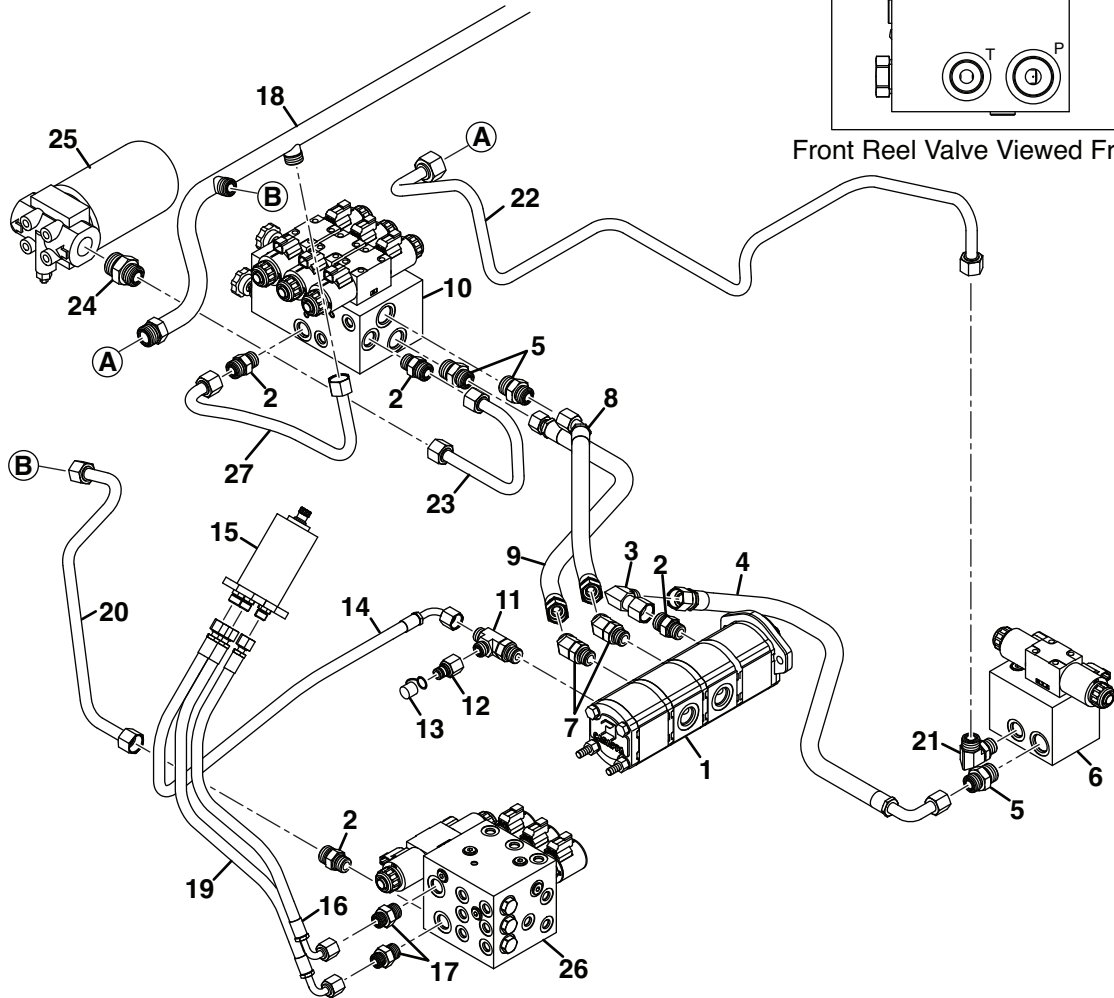
Rear Reel Valve Viewed From Front



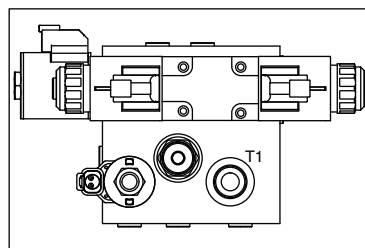
Rear Reel Valve Viewed From Left



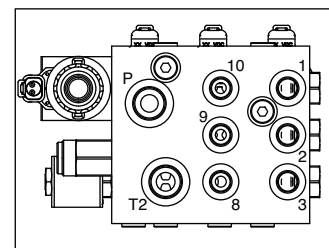
Front Reel Valve Viewed From Front



Steering Valve Viewed
From End Of Valve



Lift Valve Viewed From Right



Lift Valve Viewed From Front

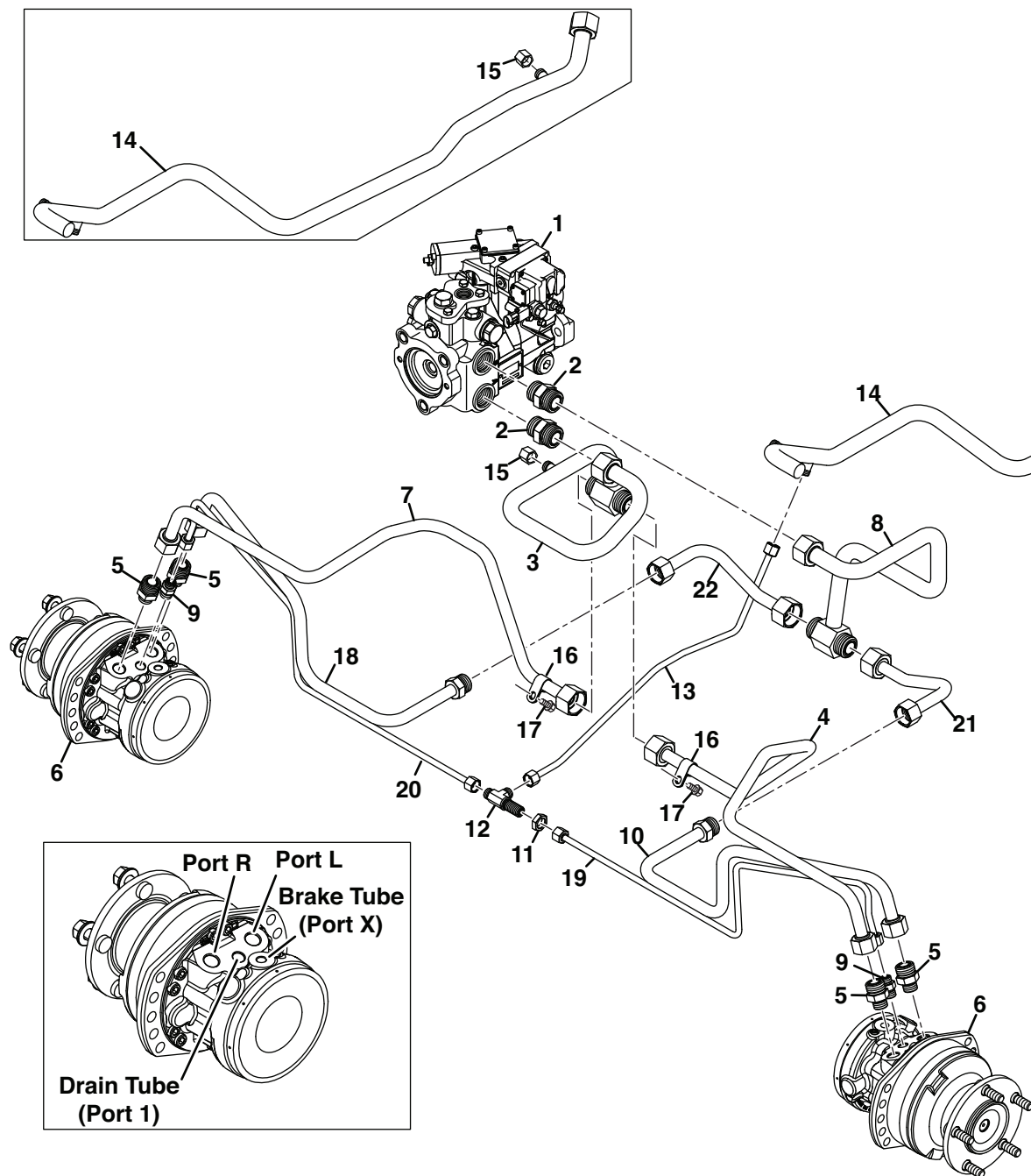
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4300318	1	Pump, Four Section Gear	See 24.1
	5003173	1	• Seal Kit	
2	158006-07	4	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	Front Reel Valve Port P
	002218104	1	• O-Ring, 7/8 SAE	
3	002590080	1	Fitting, 1 ORFS	
	158061-08	2	• O-Ring, 1 ORFS	
4	4244263	1	Hose, Pump to Front Reel Valve	
5	158006-11	1	Fitting, 1 ORF x 1-1/16 SAE	
	158061-08	1	• O-Ring, 1 ORF	See 28.1
	002218120	1	• O-Ring, 1-1/16 SAE	
6	4355571	1	Valve, Front Reel	
6	10014818	1	Cutting Control Valve Manifold	See 28.1
7	002535010	2	Fitting, 1 ORF x 7/8 SAE	Rear Reel Valve Port WP
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
8	4328568	1	Hose, Pump to Rear Reel Valve	Rear Reel Valve Port CP
9	4328569	1	Hose, Pump to Rear Reel Valve	See 28.1
10	4195082	1	Valve, Rear Reel	
11	340274	1	Tee, -8 ORFS x -10 ORFS x -8 ORB	
	339910	1	• O-Ring, -8 ORFS	
	339911	1	• O-Ring, -10 ORFS	
	339898	1	• O-Ring, -8 ORB	
12	364945	1	Fitting, -10 ORB Diagnostic	Steering Valve Port P
13	363030	1	Dust Cover	
14	1003334	1	Hose, Pump to Steering Valve	
15	10043768	1	Valve, Steering	See 12.1
16	1003339	1	Hose, Steering Valve to Lift Valve	Steering Port E, Lift Valve Port P
17	158006-06	2	Fitting, 13/16 ORF x 7/8 SAE	
	158061-02	1	• O-Ring, 13/16 ORF	
	002218104	1	• O-Ring, 7/8 SAE	Steering Port T, Lift Valve Port T2
18	4325986	1	Tube, Return Filter	
19	1003340	1	Hose, Steering Valve to Lift Valve	
20	4327476	1	Tube, Lift Valve Return	Lift Valve Rear Port T1
21	158007-05	1	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
22	4326930	1	Tube, Front Reel Valve Return	Front Reel Valve Port T
23	4326306	1	Tube, Rear Reel Valve Return	Rear Reel Valve Port T1
24	4229260	1	Fitting, 1-3/16 ORF x 1-5/16 SAE	See 28.1
	158061-09	1	• O-Ring, 1-3/16 ORF	
	002218146	1	• O-Ring, 1-5/16 SAE	
25	123015	1	Charge Filter	See 28.1
26	4195083	1	Valve, Lift	See 28.1
27	4327475	1	Tube, Rear Reel Valve Return	Rear Reel Valve Port T2

LIGHTWEIGHT FAIRWAY MOWER

32.1 2WD Traction Hydraulics

2WD Option



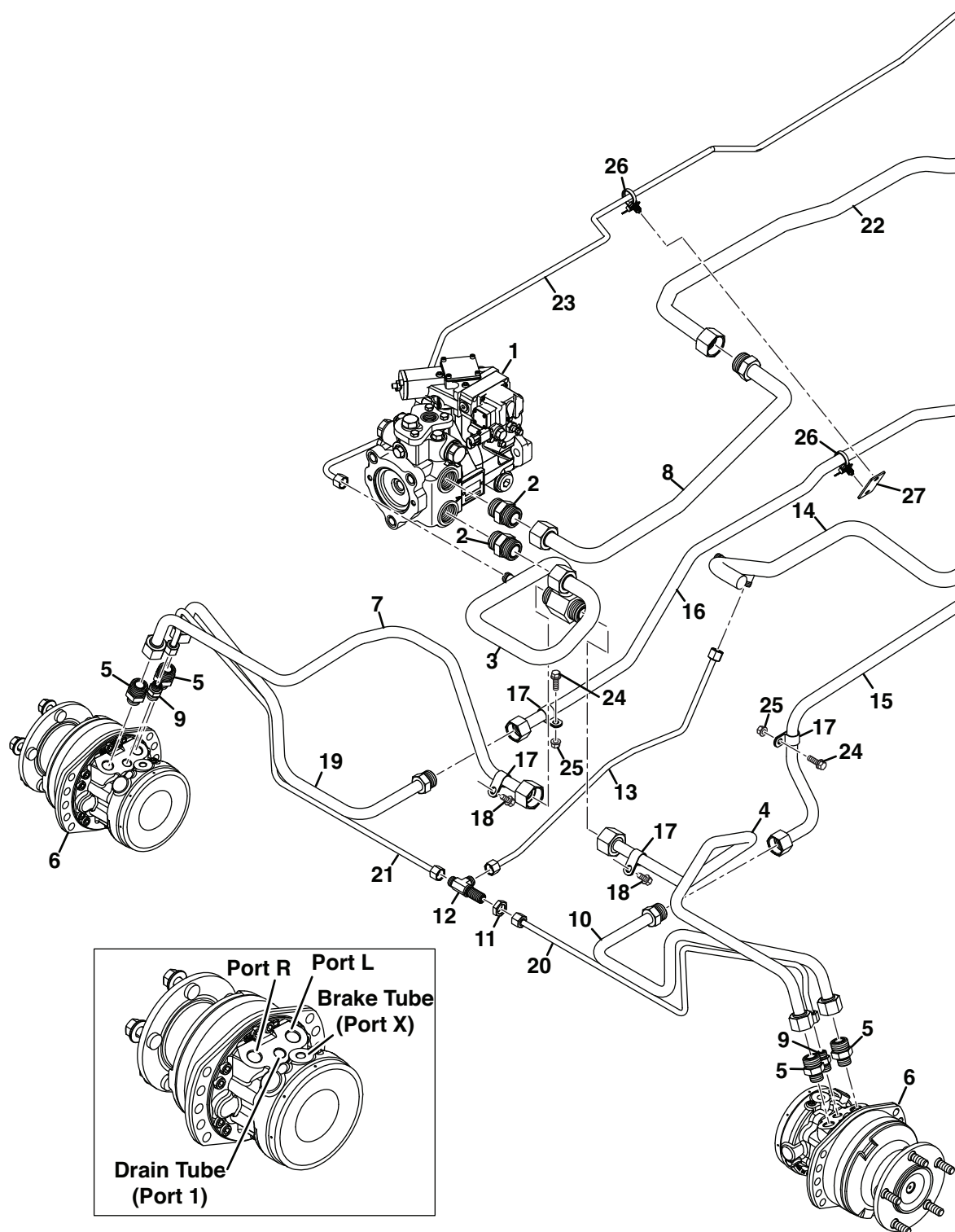
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4359966	1	Pump, Traction	See 24.1
2	002515050	2	Fitting, 1-7/16 ORF x 1-5/16 SAE	
	158061-19	1	• O-Ring, 1-7/16 ORF	
	002218146	1	• O-Ring, 1-5/16 SAE	
3	4333926	1	Tube, Forward Traction	
	339913	2	• O-Ring, -16 ORFS	
4	4327349	1	Tube, Left Front to Forward Traction	
	339912	1	• O-Ring, -12 ORFS	
5	002515010	4	Fitting, 1-3/16 ORF x 7/8 SAE	
	158061-09	1	• O-Ring, 1-3/16 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
6	694134	2	Front Wheel Motor	See 8.1
7	4327328	1	Tube, Right Front to Forward Traction	
	339912	1	• O-Ring, -12 ORFS	
8	4251559	1	Tube, Reverse Traction	
	339913	2	• O-Ring, -16 ORFS	
9	158006-13	2	Fitting, 11/16 ORF x 3/4 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	
	002218081	1	• O-Ring, 3/4 SAE	
10	4327346	1	Tube, Left Front Motor Rear	
	339912	1	• O-Ring, -12 ORFS	
11	339961	1	Nut, 11/16-16 Bulkhead Fitting	See 36.1
12	002590090	1	Tee Fitting, 11/16 ORFS	
	158061-01	3	• O-Ring, 11/16 ORFS	
13	4279178	1	Tube, Front Motor Drain	
14	4327479	1	Tube, Oil Cooler Return	
	339909	3	• O-Ring, -6 ORFS	
15	339921	2	Cap, -6 ORFS	
16	345671	2	Hose Clamp, 13/16"	
17	409811	2	Screw, 5/16-18 x 5/8" Thread Cutting	
18	4327127	1	Tube, Right Front Motor Rear	
19	4327481	1	Tube, Left Front Motor Drain	
20	4327482	1	Tube, Right Front Motor Drain	
21	4326874	1	Tube, Left Rear to Reverse Traction	
22	4326886	1	Tube, Right Rear to Reverse Traction	

LIGHTWEIGHT FAIRWAY MOWER

33.1 Front 4WD Traction Hydraulics

4WD Option



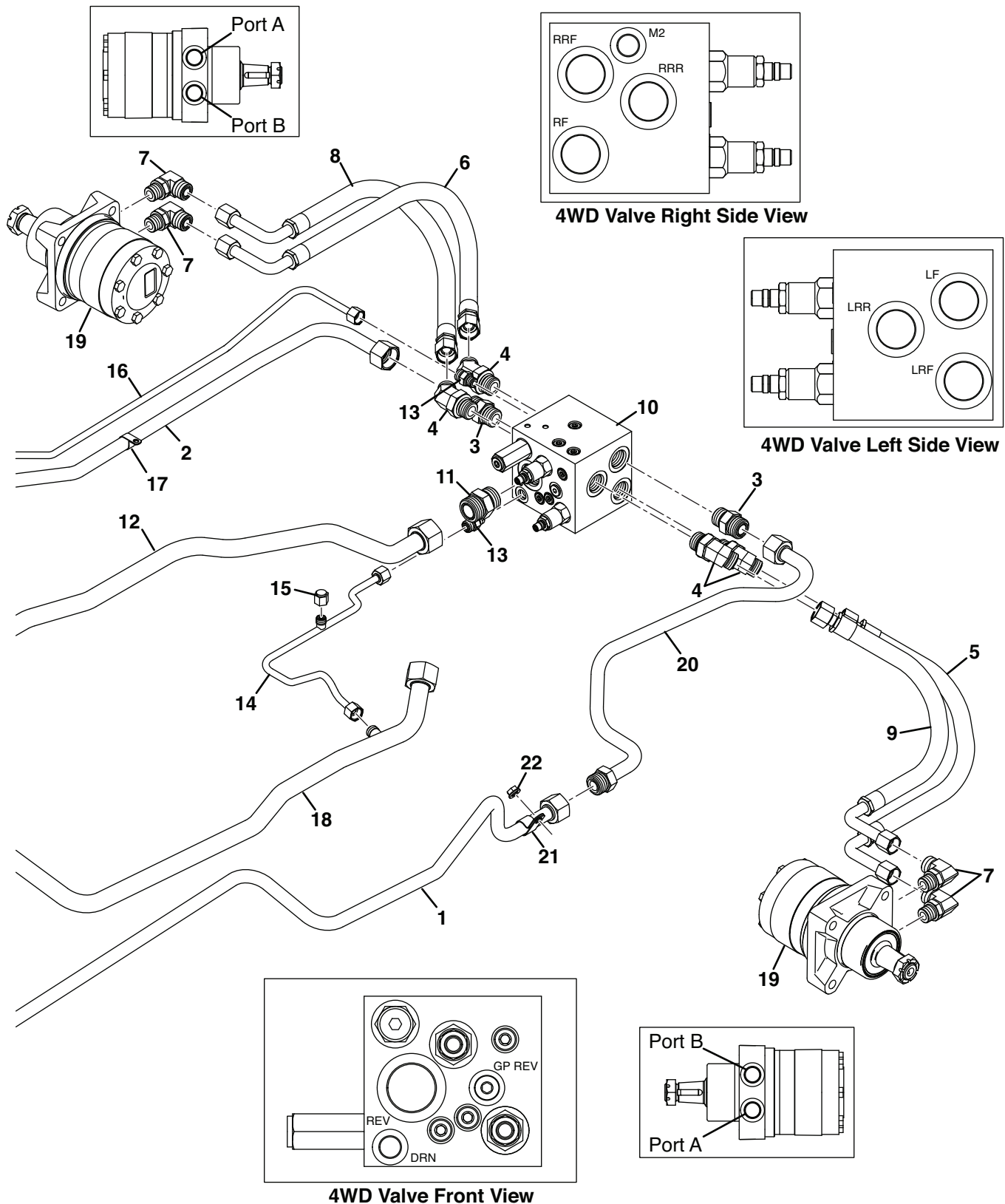
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4359966	1	Pump, Traction	See 24.1
2	002515050	2	Fitting, 1-7/16 ORFS x 1-5/16 SAE	
	158061-19	1	• O-Ring, 1-7/16 ORFS	
	002218146	1	• O-Ring, 1-5/16 SAE	
3	4333926	1	Tube, Forward Traction	
	339913	2	• O-Ring, -16 ORFS	Traction Pump Port A
4	4327349	1	Tube, Left Front to Forward Traction	
	339912	1	• O-Ring, -12 ORFS	
5	002515010	4	Fitting, 1-3/16 ORFS x 7/8 SAE	
	158061-09	1	• O-Ring, 1-3/16 ORFS	
	002218104	1	• O-Ring, 7/8 SAE	See 8.1
6	694134	2	Front Wheel Motor	
7	4327328	1	Tube, Right Front to Forward Traction	
	339912	1	• O-Ring, -12 ORFS	
8	4327546	1	Tube, Pump to 4WD Reverse Tube	
	339913	1	• O-Ring, -16 ORFS	
9	158006-13	2	Fitting, 11/16 ORFS x 3/4 SAE	
	158061-01	1	• O-Ring, 11/16 ORFS	
	002218081	1	• O-Ring, 3/4 SAE	
10	4327346	1	Tube, Left Front Motor Rear	
	339912	1	• O-Ring, -12 ORFS	See 36.1
11	339961	1	Nut, 11/16-16 Bulkhead Fitting	
12	002590090	1	Tee Fitting, 11/16 ORFS	
	158061-01	3	• O-Ring, 11/16 ORFS	
13	4279178	1	Tube, Front Motor Drain	
14	4327479	1	Tube, Oil Cooler Return	See 34.1
	339909	3	• O-Ring, -6 ORFS	
15	4327630	1	Tube, Left 4WD Forward Traction	See 34.1
16	4326933	1	Tube, Right 4WD Forward Traction	
17	345666	4	Hose Clamp	Upper traction hoses to axle
18	409811	2	Screw, 5/16-18 x 5/8" Thread Cutting	
19	4327127	1	Tube, Right Front Motor Rear	See 34.1
	339912	1	• O-Ring, -12 ORFS	
20	4327481	1	Tube, Left Front Motor Drain	
21	4327482	1	Tube, Right Front Motor Drain	
22	4326934	1	Tube, 4WD Reverse Traction	
23	4333906	1	Tube, 4WD Valve Pilot	See 34.1
24	450471	2	Hex Flange Screw, M8 x 1.25x 20	
25	450453	2	Nut, M8 1.25mm	
26	4167640	2	Cable Tie, Fir Tree	
27	4346986	1	Plate, Tube Retention	

LIGHTWEIGHT FAIRWAY MOWER

34.1 Rear 4WD Traction Hydraulics

4WD Option

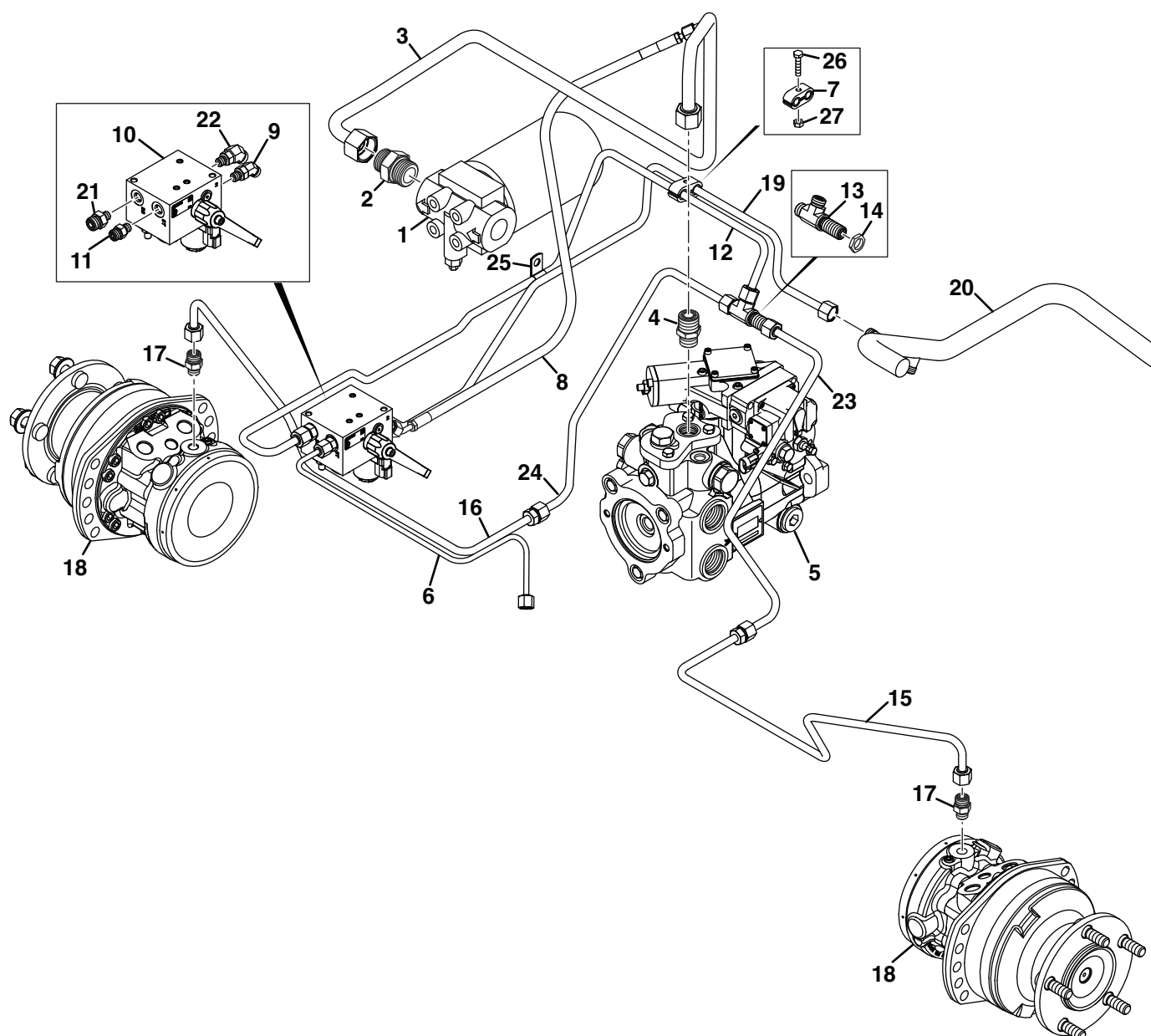


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4327630	1	Tube, Left 4WD Forward Traction	See 33.1 4WD Valve Port RF, See 33.1
2	4326933	1	Tube, Right 4WD Forward Traction	
3	158006-08	2	Fitting, 1-3/16 ORFS x 1-1/16 SAE	
	158061-09	1	• O-Ring, 1-3/16 ORFS	
	002218120	1	• O-Ring, 1-1/16 SAE	4WD Valve Port LRF Left Motor Port A 4WD Valve Port RRF Right Motor Port B
4	340034	4	Fitting, -10 ORFS x -12 ORB 45°	
	339911	1	• O-Ring, -10 ORFS	
	339900	1	• O-Ring, -12 ORB	
5	4328426	1	Hose, 4WD Valve to Left Rear Motor	4WD Valve Port RRR Right Motor Port A 4WD Valve Port LRR Left Motor Port B See 28.1
6	4328426	1	Hose, 4WD Valve to Right Rear Motor	
7	158007-05	4	Fitting, 1 ORFS x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORFS	
	002218104	1	• O-Ring, 7/8 SAE	4WD Valve Port REV, See 33.1
8	4328426	1	Hose, Right Rear Motor to 4WD Valve	
9	4328426	1	Hose, Left Rear Motor to 4WD Valve	
10	4333510	1	Valve, 4WD	
11	002515050	1	Fitting, 1-7/16 ORFS x 1-5/16 SAE	4WD Valve Port DRN
	158061-19	1	• O-Ring, 1-7/16 ORFS	
	002218146	1	• O-Ring, 1-5/16 SAE	
12	4326934	1	Tube, 4WD Reverse Traction	
13	158006-01	2	Fitting, 11/16 ORFS x 9/16 SAE	4WD Valve Port M2, See 33.1
	158061-01	1	• O-Ring, 11/16 ORFS	
	002218065	1	• O-Ring, 9/16 SAE	
14	4304283	1	Tube, 4WD Valve Drain	
15	339920	1	Cap, -4 ORFS	See 36.1
16	4333906	1	Tube, 4WD Valve Pilot	
17	400366	1	Clamp, 1" Tube	
18	4304279	1	Tube, Oil Cooler Return	
	339908	2	• O-Ring, -4 ORFS	See 11.1 4WD Valve Port LF
	339909	1	• O-Ring, -6 ORFS	
19	4322946	2	Motor, Rear Traction	
20	4310406	1	Tube, Left 4WD Traction	
21	469016509	1	Clamp, 13/16" Tube	
22	445796	1	Nut, 3/8-16 Hex Flange	

LIGHTWEIGHT FAIRWAY MOWER

35.1 Charge and Brake Hydraulics

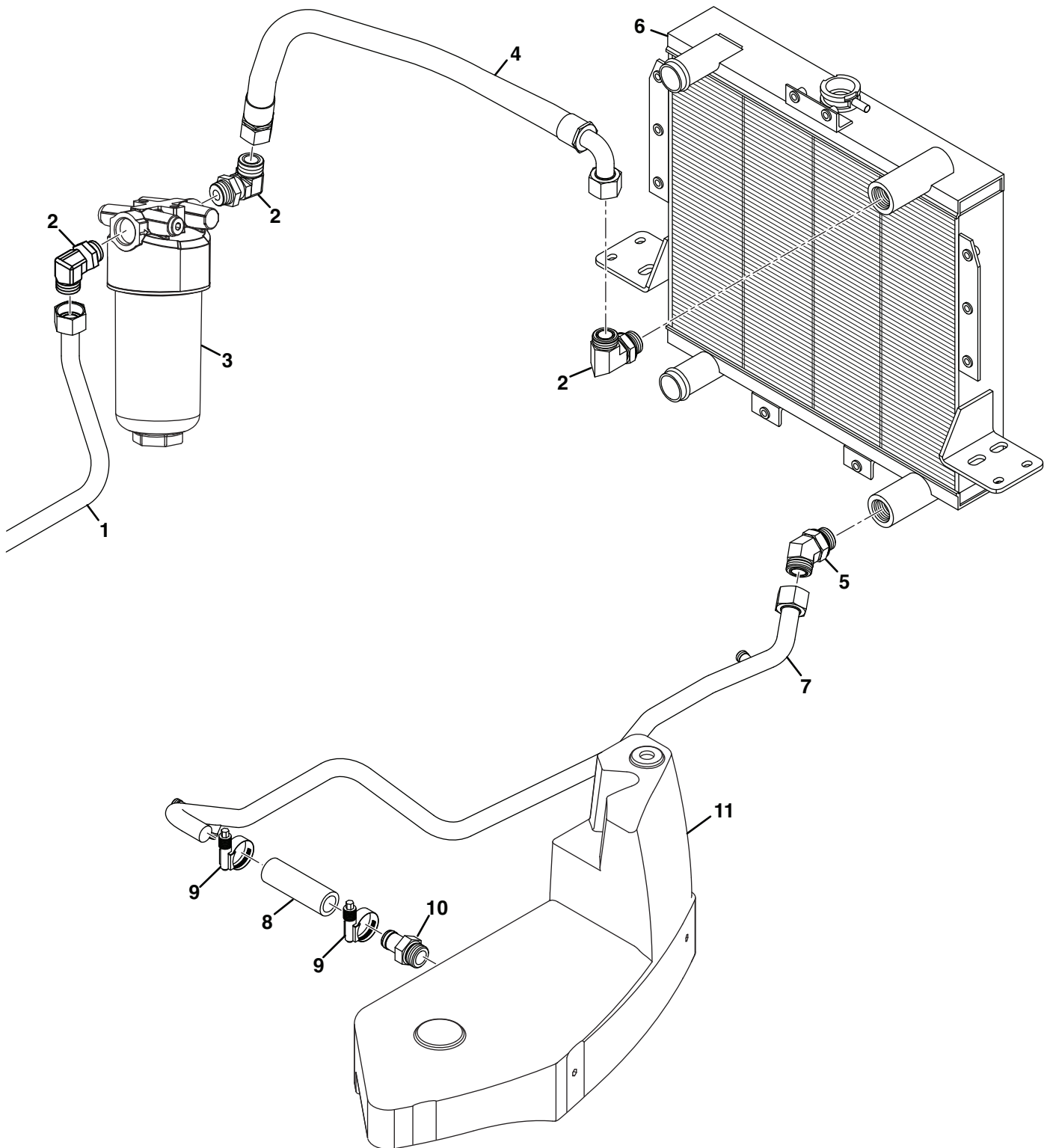


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	123015	1	Charge Filter	See 28.1
	556417	1	• Filter Head	
	2811255	1	• Filter Element Cartridge	
	556419	1	• 25 PSI Charge Pressure Switch	
2	4229260	1	Fitting, 1-3/16 ORF x 1-5/16 SAE	
	158061-09	1	• O-Ring, 1-3/16 ORF	
	002218146	1	• O-Ring, 1-5/16 SAE	
3	4326266	1	Tube, Charge Filter to Pump	
4	158006-07	1	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
5	4359966	1	Pump, Traction	
6	4215080	1	Tube, Steering Tube to Brake Valve	See 24.1 Brake Valve Port ST, See 44.1
7	364221	1	Clamp, Double Tube	Brake Valve Port CRG
8	4279187	1	Hose, Charge Tube to Brake Valve	
9	340022	1	Fitting, -4 ORFS x -4 ORB 45°	
	339908	1	• O-Ring, -4 ORFS	
	339896	1	• O-Ring, -4 ORB	See 28.1
10	10017443	1	Valve, Brake	
11	002515000	1	Fitting, 9/16 ORF x 7/16 SAE	
	158061-18	1	• O-Ring, 9/16 ORF	
	002218049	1	• O-Ring, 7/16 SAE	Brake Valve Port BR
12	4279172	1	Tube, Brake Valve to Tee	
13	002590090	1	Tee Fitting, 11/16 ORFS	
	158061-01	3	• O-Ring, 11/16 ORFS	
14	339961	1	Nut, 11/16-18 Bulkhead Fitting	
15	4327483	1	Tube, Left Motor Brake Release	
16	4327484	1	Tube, Right Motor Brake Release	
17	158006-01	2	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	See 8.1 Brake Valve Port DRN See 36.1
	002218065	1	• O-Ring, 9/16 SAE	
18	694134	2	Wheel Motor	
19	4279173	1	Tube, Brake Valve to Oil Cooler Tube	
20	4327479	1	Tube, Oil Cooler Return	
	339909	3	• O-Ring, -6 ORFS	
21	339977	1	Fitting, -6 ORFS x -4 ORB Straight	
	339909	1	• O-Ring, -6 ORFS	
	339896	1	• O-Ring, -4 ORB	
22	340025	1	Fitting, -6 ORFS x -4 ORB 45°	
	339909	1	• O-Ring, -6 ORFS	
	339896	1	• O-Ring, -4 ORB	
23	4327628	1	Tube, Left Brake	
24	4327632	1	Tube, Right Brake	
25	367028	1	Clamp, 3/8" Tube	
26	400114J	1	Hex Screw, 1/4 - 20 x 1 - 1/4	
27	444708	1	Hex Locknut, 1/4 - 20 x 0.257	

LIGHTWEIGHT FAIRWAY MOWER

36.1 Return Hydraulics



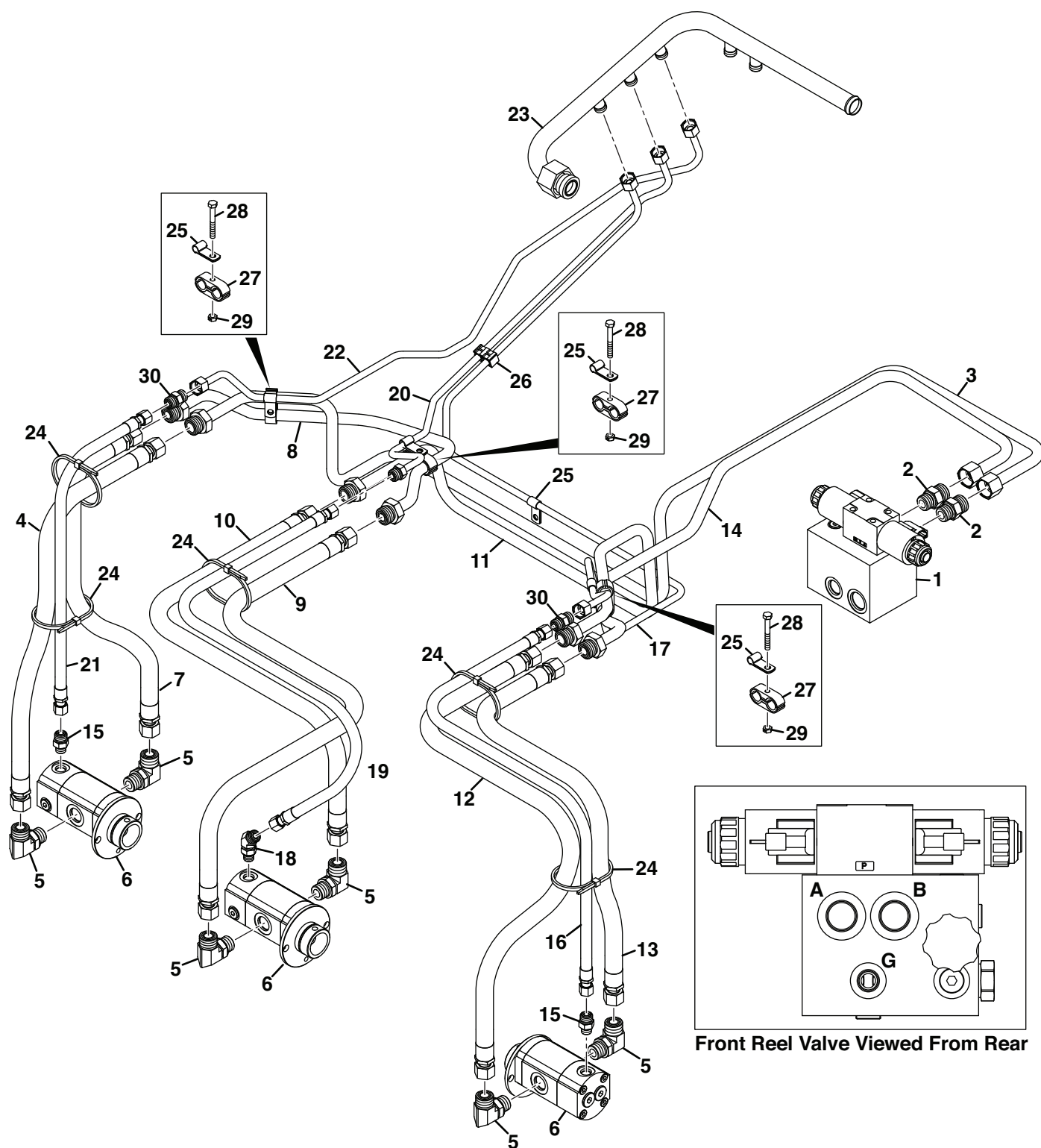
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4325986	1	Tube, Return Filter	See 37.1 and 29.1 for connecting tubes
	339912	1	• O-Ring, -12 ORFS	
	339913	1	• O-Ring, -16 ORFS	
2	4283231	3	Fitting, 1-7/16 ORF x 1-5/16 SAE	See 28.1
	158061-19	1	• O-Ring, 1-7/16 ORF	
	002218146	1	• O-Ring, 1-5/16 SAE	
3	10016681	1	Filter, Return Hydraulic	See 28.1
	10016719	1	• Filter Element	
4	4304783	1	Hose, Return Filter to Oil Cooler	
5	4396469	1	Fitting, -1-7/16" ORFS x -1-5/16" ORB 45°	See 32.1, 33.1 and 35.1 for connecting tubes
	158061-19	1	• O-Ring, 1-7/16" ORFS	
6	4305137	1	Radiator/Hydraulic Oil Cooler	
7	4327479	1	Tube, Oil Cooler Return	See 28.1
	339908	2	• O-Ring, -4 ORFS	
	339909	1	• O-Ring, -6 ORFS	
8	4124647	1	Hose, Return Tube	See 28.1
9	3008673	2	Clamp, Constant Torque Hose	
10	4420203	2	Fitting, -16 ORB x 1" barbed	
	339913	1	• O-Ring, -16 ORB	See 28.1
11	3005871	1	Tank, Hydraulic	
			•	
			•	

LIGHTWEIGHT FAIRWAY MOWER

37.1 Front Reel Hydraulics

5 and 7 Gang Options



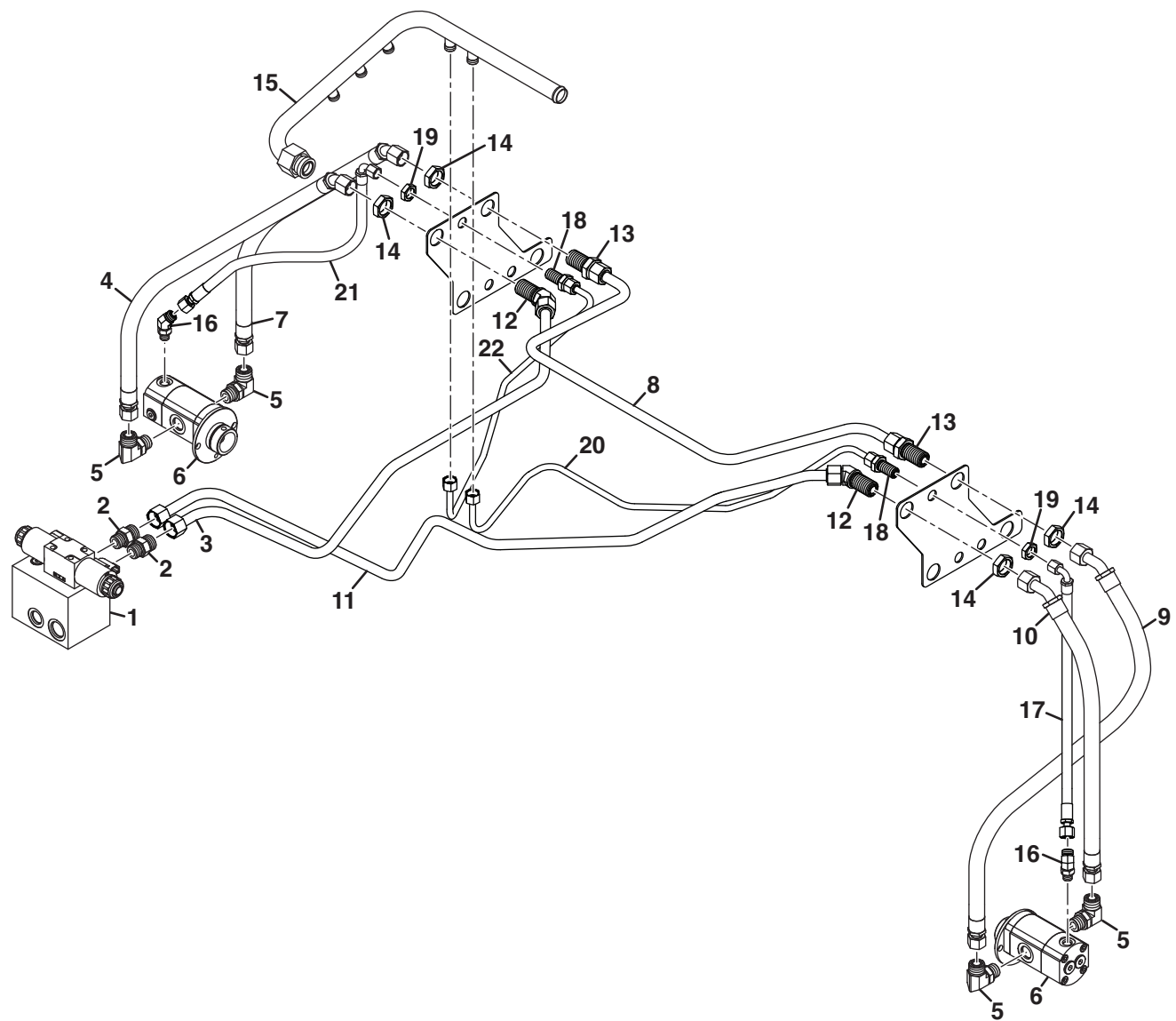
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4355571	1	Valve, Reel	See 28.1
1	10014818	1	Cutting Control Valve Manifold	
2	158006-07	2	Fitting, 1 ORF x 7/8 SAE	See 28.1
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
3	4326932	1	Tube, Reel Valve to Right Reel	
	339911	1	• O-Ring, -10 ORFS	
4	4218406	1	Hose, Right Reel Pressure	
5	158007-05	6	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
6	4312506	3	Motor, 5" Reel	
6	4311048	3	Motor, 7" Reel	Used on LF550/557, See 59.1
7	4218406	1	Hose, Right Reel Return	Used on LF570/577, See 60.1
8	4333967	1	Tube, Right Reel to Center Reel	
	339911	2	• O-Ring, -10 ORFS	
9	4216640	1	Hose, Center Reel Pressure	
10	4216640	1	Hose, Center Reel Return	
11	4326146	1	Tube, Center Reel to Left Reel	
	339911	2	• O-Ring, -10 ORFS	
12	4218406	1	Hose, Left Reel Pressure	
13	4218406	1	Hose, Left Reel Return	
14	4326931	1	Tube, Left Reel to Reel Valve	
	339911	1	• O-Ring, -10 ORFS	
15	158006-01	2	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
16	4260431	1	Hose, Left Reel Drain	
17	4328626	1	Tube, Left Reel Drain	
	339909	1	• O-Ring, -6 ORFS	
18	158059-04	1	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
19	4260430	1	Hose, Center Reel Drain	
20	4328627	1	Tube, Center Reel Drain	
	339909	1	• O-Ring, -6 ORFS	
21	4260431	1	Hose, Right Reel Drain	
22	4218022	1	Tube, Right Reel Drain	
	339909	1	• O-Ring, -6 ORFS	
23	4113601	1	Tube, Return Manifold	
	339909	1	• O-Ring, -6 ORFS	See 29.1
24	473142	5	Cable Tie, 3/16 x 16"	
25	367028	1	Clamp, 37" Tube	
26	10037123	AR	Twist Clamp	
27	3003110	3	Clamp, 5/8" Double Tube	
28	400118	3	Screw, 1/4-20 x 1-3/4" Hex Head	See 31.1
29	444708	3	Locknut, 1/4-20 Hex Center	See 31.1
30	340288	2	Fitting, -6 ORFS Union	
	339909	2	• O-Ring, -6 ORFS	

LIGHTWEIGHT FAIRWAY MOWER

38.1 5 Gang Rear Reel Hydraulics

5 Gang Option



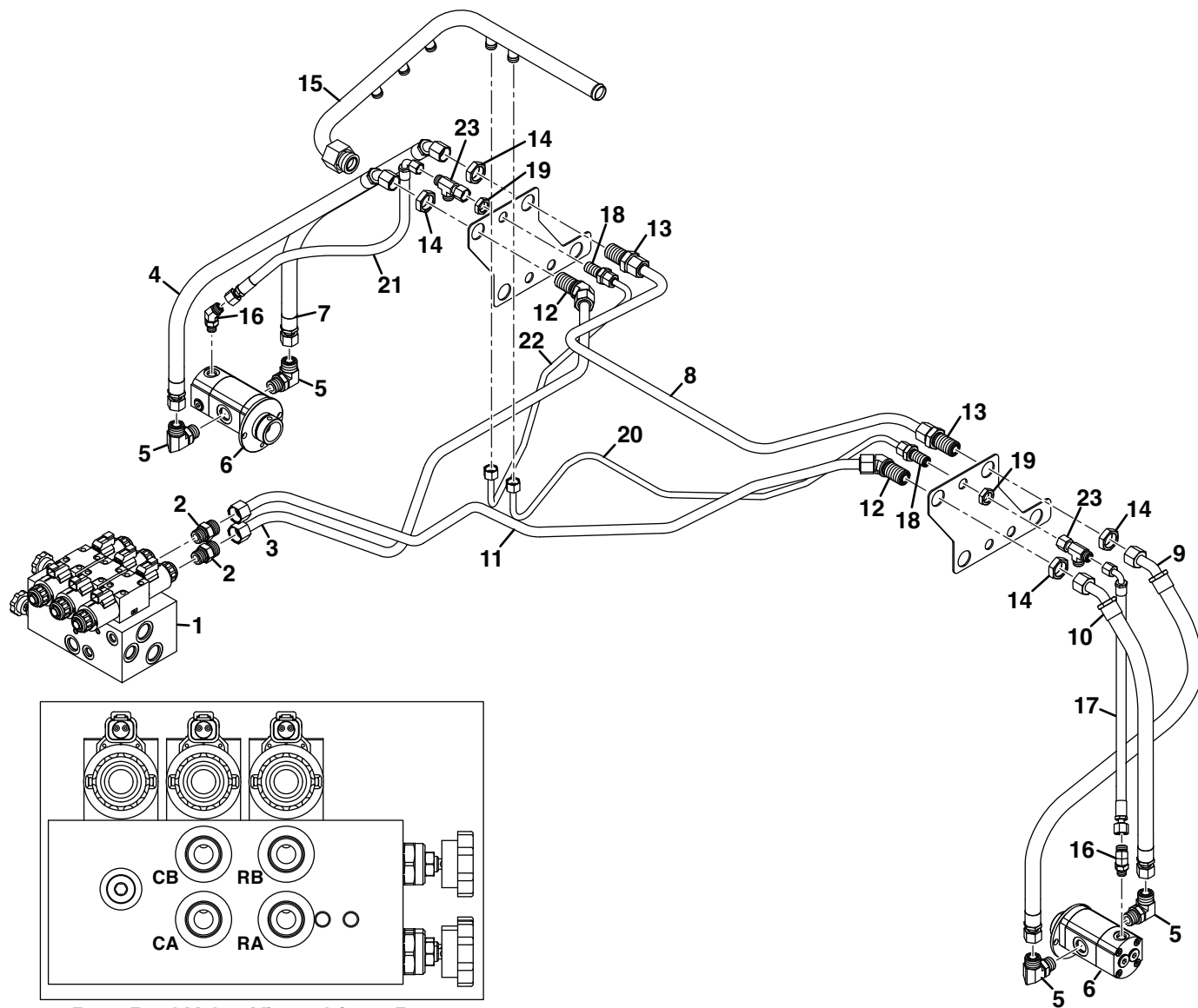
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4355571	1	Valve, Reel	See 28.1
1	10014818	1	Cutting Control Valve Manifold	
2	158006-07	2	Fitting, 1 ORF x 7/8 SAE	See 28.1
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
3	4327706	1	Tube, Reel Valve to Right Rear Reel	
4	4328570	1	Hose, Right Rear Reel Pressure	
5	158007-05	4	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
6	4312506	2	Motor, 5" Reel	Used on LF550/557, See 59.1
6	4311048	2	Motor, 7" Reel	Used on LF570/577, See 60.1
7	4328570	1	Hose, Right Rear Reel Return	
8	4327477	1	Tube, Right Reel to Left Reel	
9	4328570	1	Hose, Left Rear Reel Pressure	
10	4328570	1	Hose, Left Rear Reel Return	
11	4327746	1	Tube, Left Rear Reel to Reel Valve	
12	340193	2	Fitting, -10 ORFS 45° Bulkhead	
	339911	2	• O-Ring, -10 ORFS	
13	340241	2	Fitting, -10 ORFS Straight Bulkhead	
	339911	2	• O-Ring, -10 ORFS	
14	339963	4	Nut, -10 ORFS (7/8-14) Bulkhead	
15	4113601	1	Tube, Return Manifold	See 29.1
	339909	1	• O-Ring, -6 ORFS	
16	158059-04	2	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
17	4328573	1	Hose, Left Rear Reel Drain	
18	340239	2	Fitting, -6 ORFS Straight Bulkhead	
19	339961	2	Nut, -6 ORFS (9/16-18) Bulkhead	
20	4327478	1	Tube, Left Rear Reel Drain	
21	4328573	1	Hose, Right Rear Reel Drain	
22	4327469	1	Tube, Right Rear Reel Drain	

LIGHTWEIGHT FAIRWAY MOWER

39.1 7 Gang Rear Reel Hydraulics

7 Gang Option



Rear Reel Valve Viewed from Rear

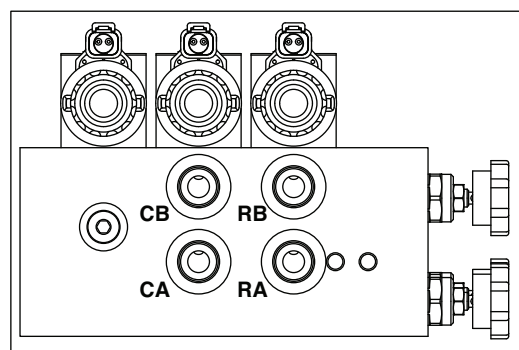
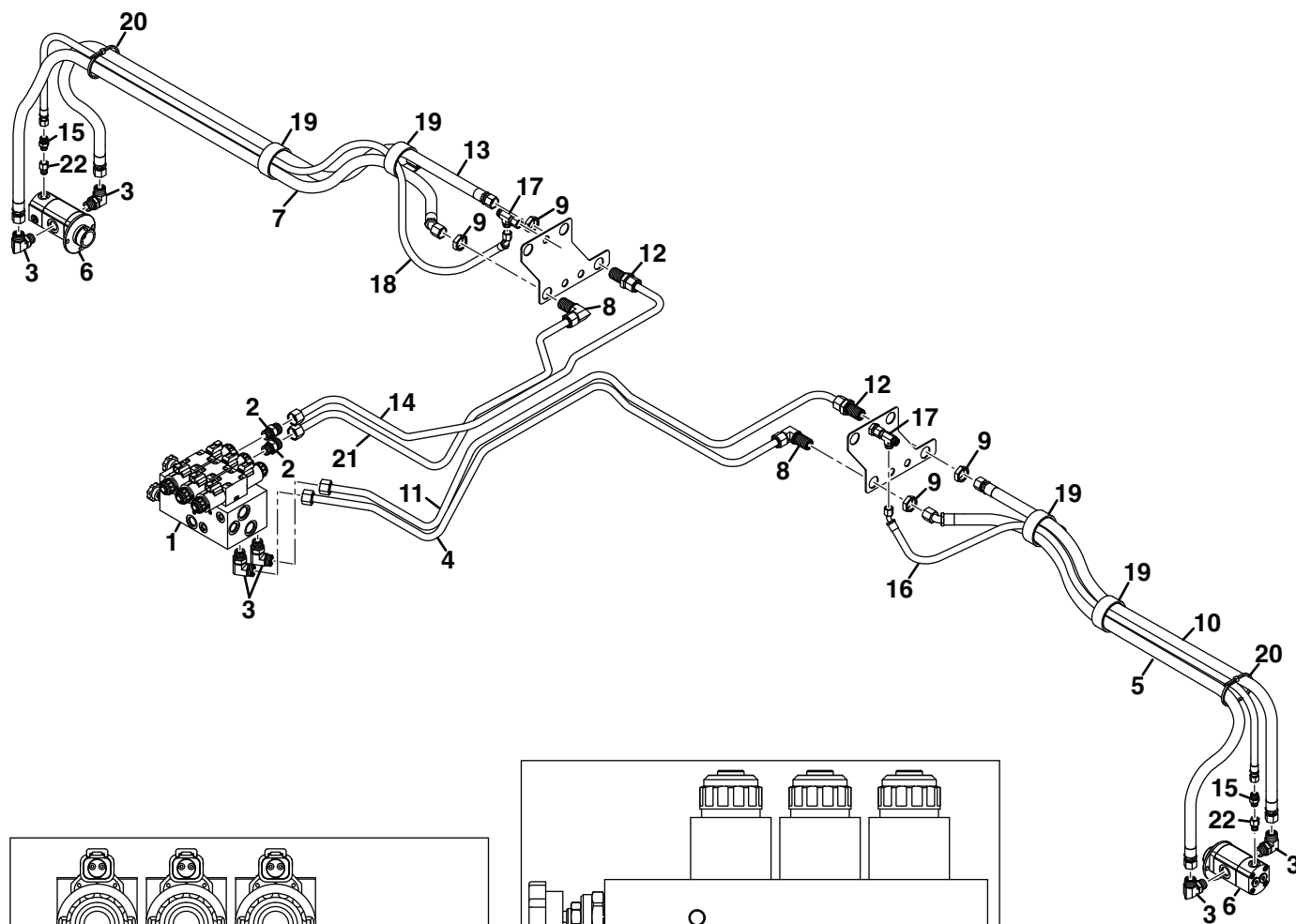
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4195082	1	Valve, Reel	See 28.1
2	158006-07	2	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
3	4327467	1	Tube, Reel Valve to Right Rear Reel	
4	4328570	1	Hose, Right Rear Reel Pressure	Used on LF550/557, See 59.1 Used on LF570/577, See 60.1
5	158007-05	4	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
6	4312506	2	Motor, 5" Reel	
6	4311048	2	Motor, 7" Reel	
7	4328570	1	Hose, Right Rear Reel Return	
8	4327477	1	Tube, Right Reel to Left Reel	
9	4328570	1	Hose, Left Rear Reel Pressure	
10	4328570	1	Hose, Left Rear Reel Return	
11	4327474	1	Tube, Left Rear Reel to Reel Valve	See 29.1
12	340193	2	Fitting, -10 ORFS 45° Bulkhead	
	339911	2	• O-Ring, -10 ORFS	
13	340241	2	Fitting, -10 ORFS Straight Bulkhead	
	339911	2	• O-Ring, -10 ORFS	
14	339963	4	Nut, -10 ORFS (7/8-14) Bulkhead	
15	4113601	1	Tube, Return Manifold	
	339909	1	• O-Ring, -6 ORFS	
16	158059-04	2	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
17	4238573	1	Hose, Left Rear Reel Drain	
18	340239	2	Fitting, -6 ORFS Straight Bulkhead	
19	339961	2	Nut, -6 ORFS (9/16-18) Bulkhead	
20	4327478	1	Tube, Left Rear Reel Drain	
21	4238573	1	Hose, Right Rear Reel Drain	
22	4327469	1	Tube, Right Rear Reel Drain	
23	340119	2	Fitting, -6 ORFS Straight Run Tee	
	339909	2	• O-Ring, -6 ORFS	

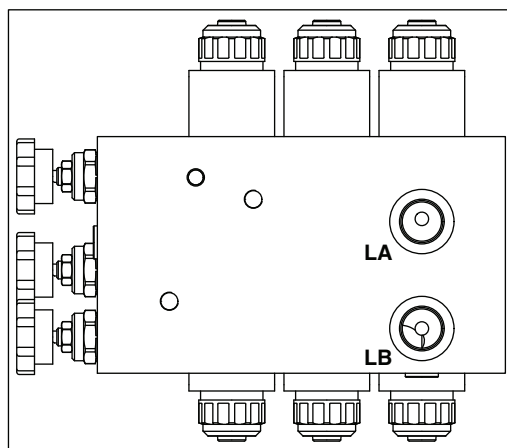
LIGHTWEIGHT FAIRWAY MOWER

40.1 7 Gang Wing Reel Hydraulics

7 Gang Option



Rear Reel Valve Viewed from Rear

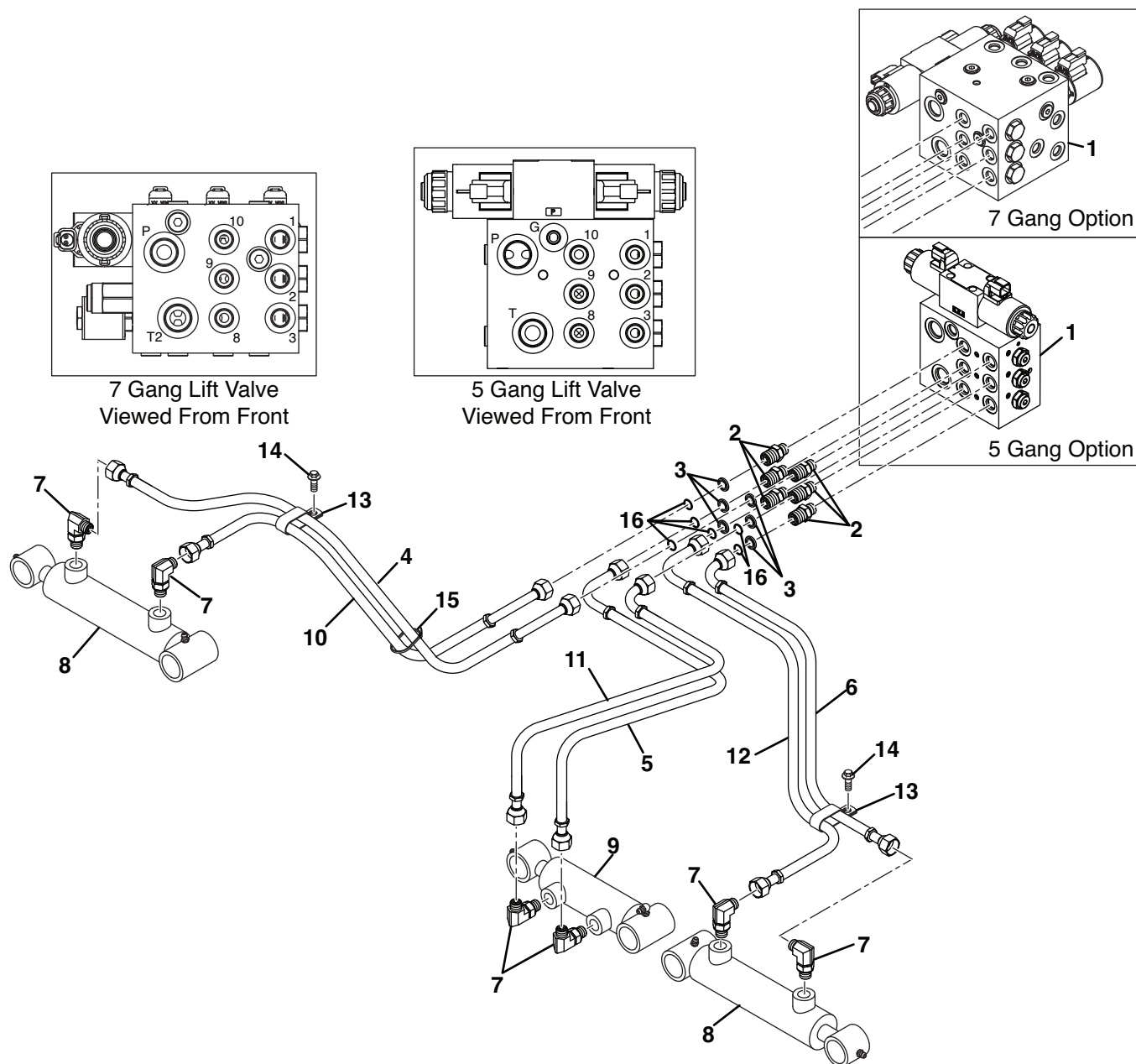


Rear Reel Valve Viewed from Bottom

LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4195082	1	Valve, Reel	See 28.1
2	158006-07	2	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
3	158007-05	4	Fitting, 1 ORF x 7/8 SAE	
	158061-08	1	• O-Ring, 1 ORF	
	002218104	1	• O-Ring, 7/8 SAE	
4	4327466	1	Tube, Reel Valve to Left Wing Reel	Reel Valve Port LA
▲ 5	4328571	1	Hose, Left Wing Reel Pressure	Hose in bundle with blue stripe
6	4312506	2	Motor, 5" Reel	Used on LF550/557, See 59.1
6	4311048	2	Motor, 7" Reel	Used on LF570/577, See 60.1
● 7	4328571	1	Hose, Right Wing Reel Pressure	Hose in bundle with blue stripe
8	340169	2	Fitting, -10 ORFS 90° Bulkhead	
	339911	2	• O-Ring, -10 ORFS	
9	339963	4	Nut, -10 ORFS (7/8-14) Bulkhead	
▲ 10	4328577	1	Hose, Left Wing Reel Return	
11	4327468	1	Tube, Left Wing Reel to Reel Valve	Reel Valve Port LB
12	340241	2	Fitting, -10 ORFS Straight Bulkhead	
	339911	2	• O-Ring, -10 ORFS	
● 13	4328577	1	Hose, Right Wing Reel Return	
14	4326927	1	Tube, Right Wing Reel to Reel Valve	Reel Valve Port RB
15	339977	2	Fitting, -6 ORFS x -4 ORB Straight	
	339909	1	• O-Ring, -6 ORFS	
	339896	1	• O-Ring, -4 ORB	
▲ 16	4328574	1	Hose, Left Wing Reel Drain	
17	340119	2	Fitting, -6 ORFS Straight Run Tee	See 39.1
	339909	2	• O-Ring, -6 ORFS	
● 18	4328574	1	Hose, Right Wing Reel Drain	
19	400356	4	Clamp, 1-11/16"	See 47.1
20	473142	2	Cable Tie, 3/16 x 16"	
21	4326926	1	Tube, Reel Valve to Right Wing Reel	Reel Valve Port RA
22	4256474	2	Reducer, -6 ORB to -4 ORB	
	339909	1	• O-Ring, -6 ORFS	
▲	Included in Left Wing Hose Bundle 4328826			
●	Included in Right Wing Hose Bundle 4328826			

41.1 Front Lift Hydraulics



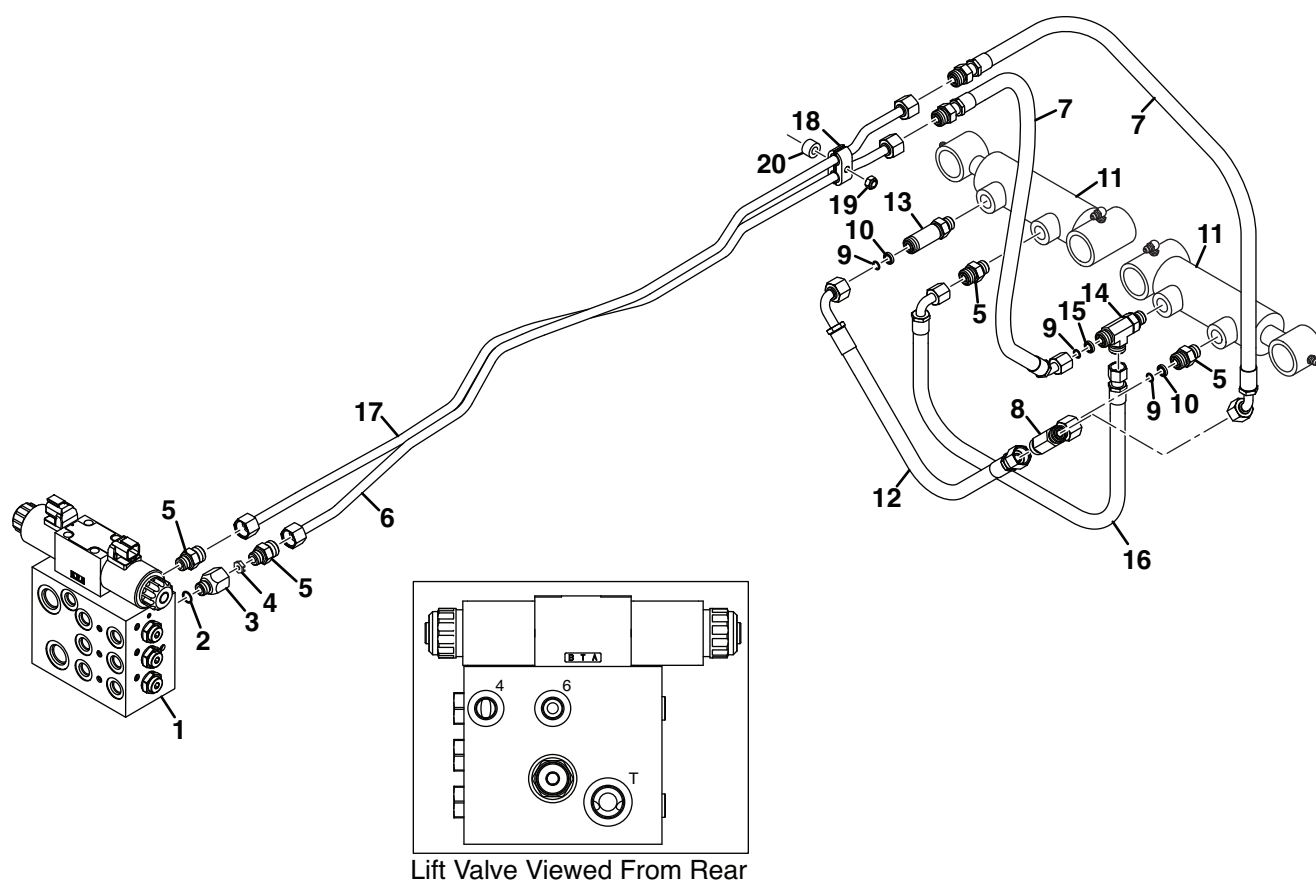
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10057641	1	Lift Valve	5 Gang Option, See 28.1
1	4195083	1	Lift Valve	7 Gang Option,
2	158006-01	6	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
3	4287312	6	Disk, 0.040" Orifice	
4	4240022	1	Hose, Lift Valve to Right Cylinder	Lift Valve Port 1, Cylinder Rod Port
5	4240182	1	Hose, Lift Valve to Center Cylinder	Lift Valve Port 2, Cylinder Rod Port
6	4240183	1	Hose, Lift Valve to Left Cylinder	Lift Valve Port 3, Cylinder Rod Port
7	158007-01	6	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 1/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
8	4193221	2	Cylinder, Lift	See 46.1
9	4193220	1	Cylinder, Lift	See 46.1
10	4240023	1	Hose, Right Cylinder to Lift Valve	Lift Valve Port 8, Cylinder Base Port
11	4240024	1	Hose, Center Cylinder to Lift Valve	Lift Valve Port 9, Cylinder Base Port
12	4240025	1	Hose, Left Cylinder to Lift Valve	Lift Valve Port 10, Cylinder Base Port
13	108138-04	2	Clamp, Double Tube	
14	409811	2	Screw, 5/16-18 x 5/8" Thread Cutting	
15	473142	1	Cable Tie, 3/16 x 14"	Right Cylinder Hoses
16	339909	6	O-Ring, -6 ORFS	

LIGHTWEIGHT FAIRWAY MOWER

42.1 5 Gang Rear Lift Hydraulics

5 Gang Option



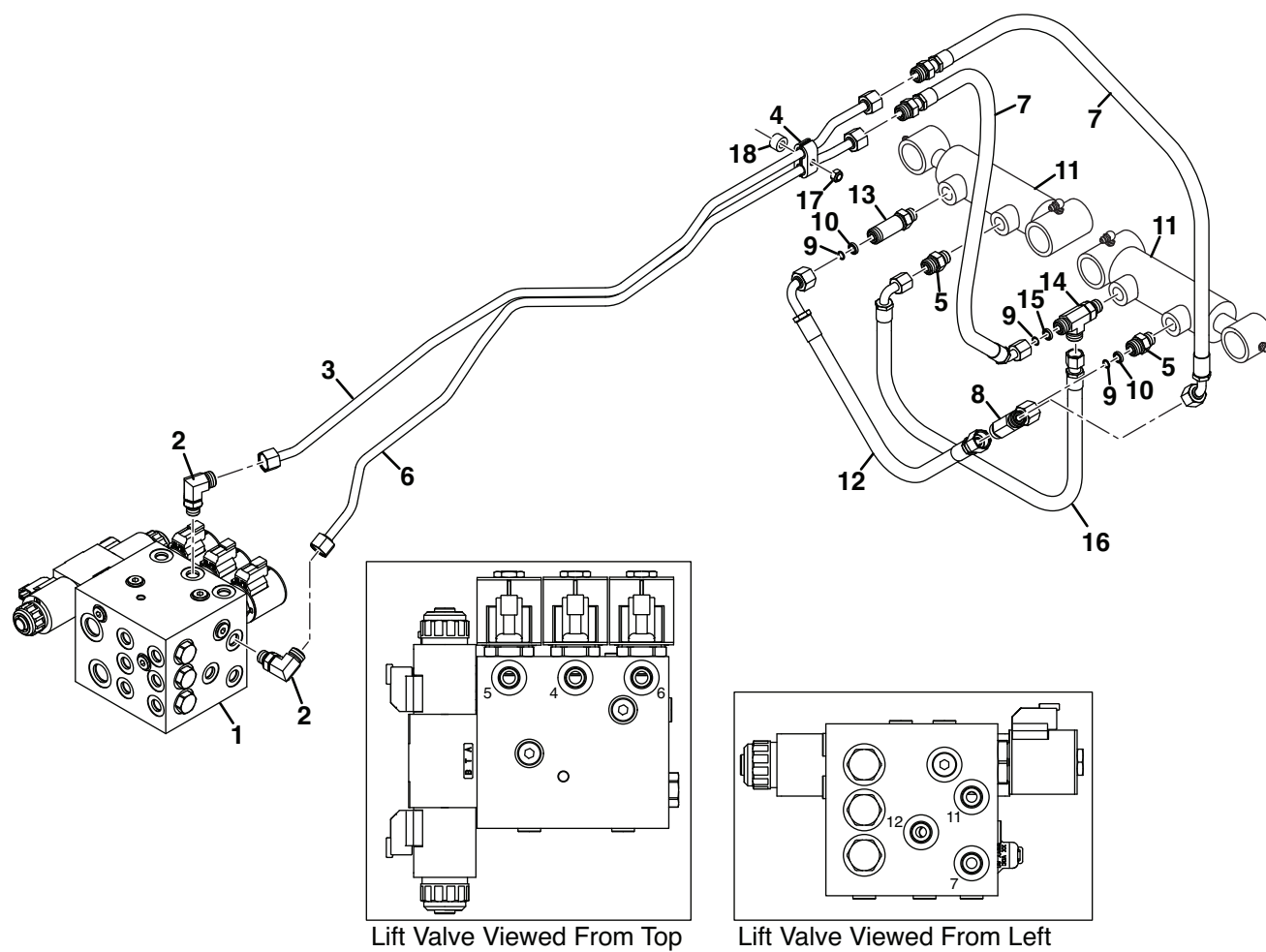
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10057641	1	Lift Valve	See 28.1
2	339897	1	O-Ring, -6 ORB	
3	337317	1	Fitting, -6 ORB One Way Restrictor	
4	353190	1	Plate, 0.026" Orifice	
5	158006-01	4	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	Lift Valve Port 4
	002218065	1	• O-Ring, 9/16 SAE	
6	4328607	1	Tube, Lift Valve to Rear Cylinder	
7	4212584	2	Hose, Tube to Rear Cylinder	
	339909	1	• O-Ring, -6 ORFS	
8	69057-01	1	Fitting Tee, 11/16 ORFS	Lift Valve Port 6, Cylinders
	158061-01	3	• O-Ring, 11/16 ORFS	
9	339909	3	O-Ring, -6 ORFS	
10	4287312	2	Disk, 0.040" Orifice	
11	4193220	2	Cylinder, Rear Lift	
12	4241202	1	Hose, Cylinder Rod Ports	See 46.1
13	340005	1	Fitting, -6 ORFS x -6 ORB Straight	
	339909	2	• O-Ring, -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
14	158056-02	1	Fitting Tee, 11/16 ORFS x 9/16 SAE	
	158061-01	2	• O-Ring, 11/16 ORFS	Long Fitting
	002218065	1	• O-Ring, 9/16 SAE	
15	4287313	1	Disk, 0.055" Orifice	
16	4341606	1	Hose, Cylinder Base Ports	
17	4328606	1	Tube, Rear Cylinder to Lift Valve	
18	364221	1	Clamp, Double 3/8" Tube	See 31.1
19	445770	1	Nut, 1/4-20 Nyloc Hex	
20	3004410	1	Spacer, Clamp	

LIGHTWEIGHT FAIRWAY MOWER

43.1 7 Gang Rear Lift Hydraulics

7 Gang Option

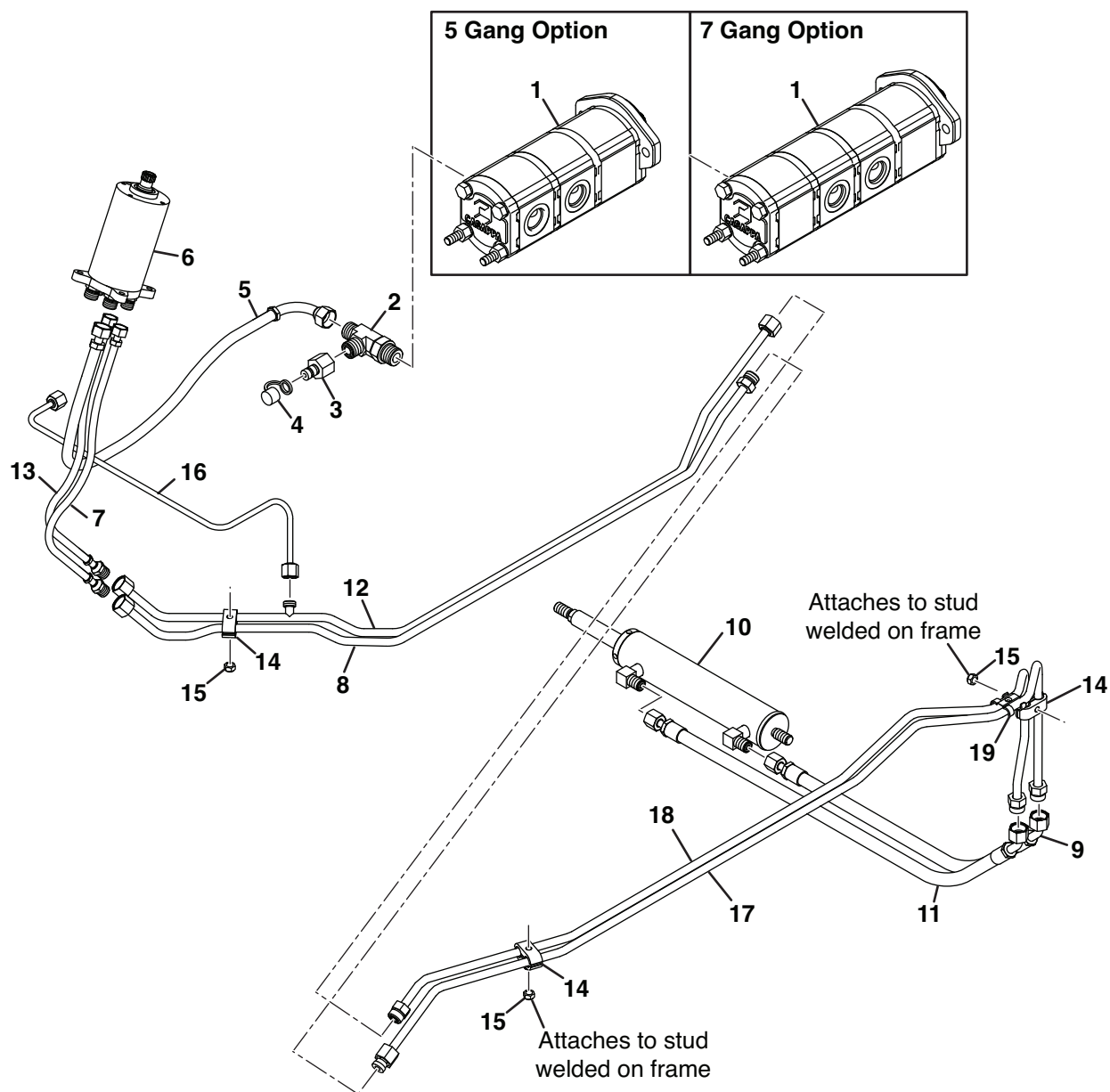


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4195083	1	Lift Valve	See 28.1
2	158007-01	2	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 1/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
3	4327473	1	Tube, Rear Cylinder to Lift Valve	Lift Valve Port 4
4	364221	1	Clamp, Double 3/8" Tube	See 31.1
5	158006-01	2	Fitting, 11/16 ORF x 9/16 SAE	Lift Valve Port 11
	158061-01	1	• O-Ring, 11/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
6	4327472	1	Tube, Lift Valve to Rear Cylinder	
7	4358356	2	Hose, Tube to Rear Cylinder	
	339909	1	• O-Ring, -6 ORFS	
8	69057-01	1	Fitting Tee, 11/16 ORFS	
	158061-01	3	• O-Ring, 11/16 ORFS	
9	339909	3	O-Ring, -6 ORFS	See 46.1
10	4287312	2	Disk, 0.040" Orifice	
11	4193220	2	Cylinder, Rear Lift	
12	4241202	1	Hose, Cylinder Rod Ports	
13	340005	1	Fitting, -6 ORFS x -6 ORB Straight	Long Fitting
	339909	2	• O-Ring, -6 ORFS	
	339897	1	• O-Ring, -6 ORB	
14	158056-02	1	Fitting Tee, 11/16 ORFS x 9/16 SAE	
	158061-01	2	• O-Ring, 11/16 ORFS	
	002218065	1	• O-Ring, 9/16 SAE	
15	4287313	1	Disk, 0.055" Orifice	
16	4341606	1	Hose, Cylinder Base Ports	
17	445770	1	Nut, 1/4-20 Nyloc Hex	
18	3004410	1	Spacer, Clamp	

LIGHTWEIGHT FAIRWAY MOWER

44.1 Steering Hydraulics



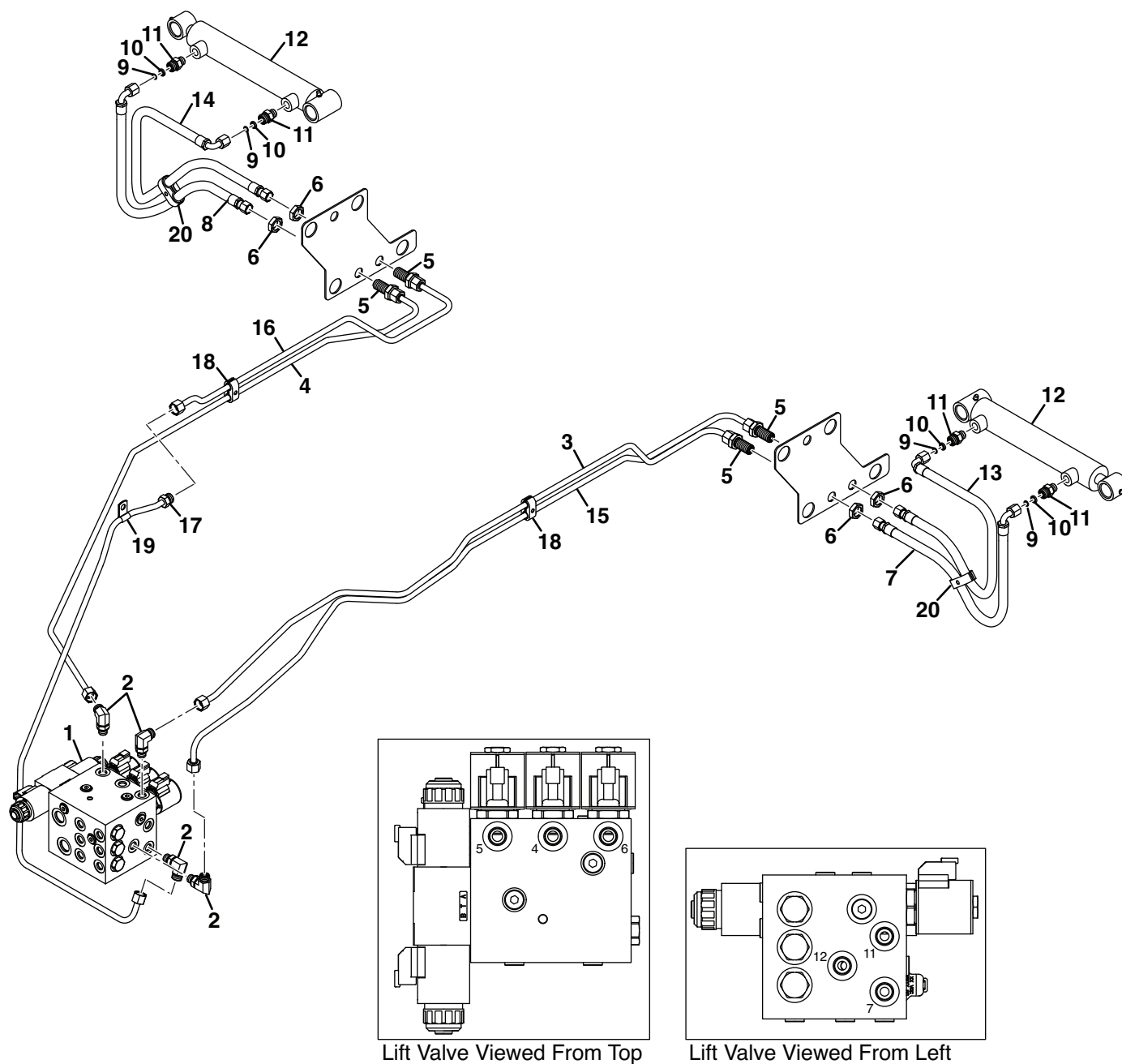
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4300317	1	Gear Pump, Three Section	5 Gang Option, See 24.1
1	4300318	1	Gear Pump, Four Section	7 Gang Option, See 24.1
2	340274	1	Tee, 8-10-8 Straight Run	
	339910	2	• O-Ring, -8 ORFS	
	339898	1	• O-Ring, -10 ORB	
3	364945	1	Fitting, -8 ORFS Diagnostic	
4	363030	1	Dust Cover	
5	1003334	1	Hose, Pump to Steering Valve	Steering Valve Port P
6	10043768	1	Steering Valve	See 12.1
	339908	2	• O-Ring, -4 ORFS	
	339909	1	• O-Ring, -6 ORFS	
7	4215600	1	Hose, Steering Valve to Outside Tube	Steering Valve Port L
	339909	1	• O-Ring, -6 ORFS	
8	4327629	1	Tube, Outside (Left Turn) Steering	
	339909	1	• O-Ring, -6 ORFS	
9	4326587	1	Hose, Outside Tube to Cylinder	
	339909	1	• O-Ring, -6 ORFS	
10	4271774	1	Cylinder, Steering	See 10.1 or 11.1
	4276851	1	• Seal Kit	
	339908	2	• O-Ring, -4 ORFS	
11	4326586	1	Hose, Cylinder to Inside Hose	
	339909	1	• O-Ring, -6 ORFS	
12	4327480	1	Tube, Inside (Right Turn) Steering	
	339908	1	• O-Ring, -4 ORFS	
13	4215600	1	Hose, Inside Tube to Steering Valve	
	339909	1	• O-Ring, -6 ORFS	
14	364221	3	Clamp, Double Tube	
15	445770	3	Nut, 1/4-20 Nylon Insert Hex	
16	4215080	1	Tube, Steering Tube to Brake Valve	Brake Valve Port ST, See 35.1
17	4326588	1	Tube, Outside Connecting	
	339909	1	• O-Ring, -6 ORFS	
18	4326589	1	Tube, Inside Connecting	
	339909	2	• O-Ring, -6 ORFS	
19	10037123	1	Twist Clamp	

LIGHTWEIGHT FAIRWAY MOWER

45.1 7 Gang Wing Lift Hydraulics

7 Gang Option

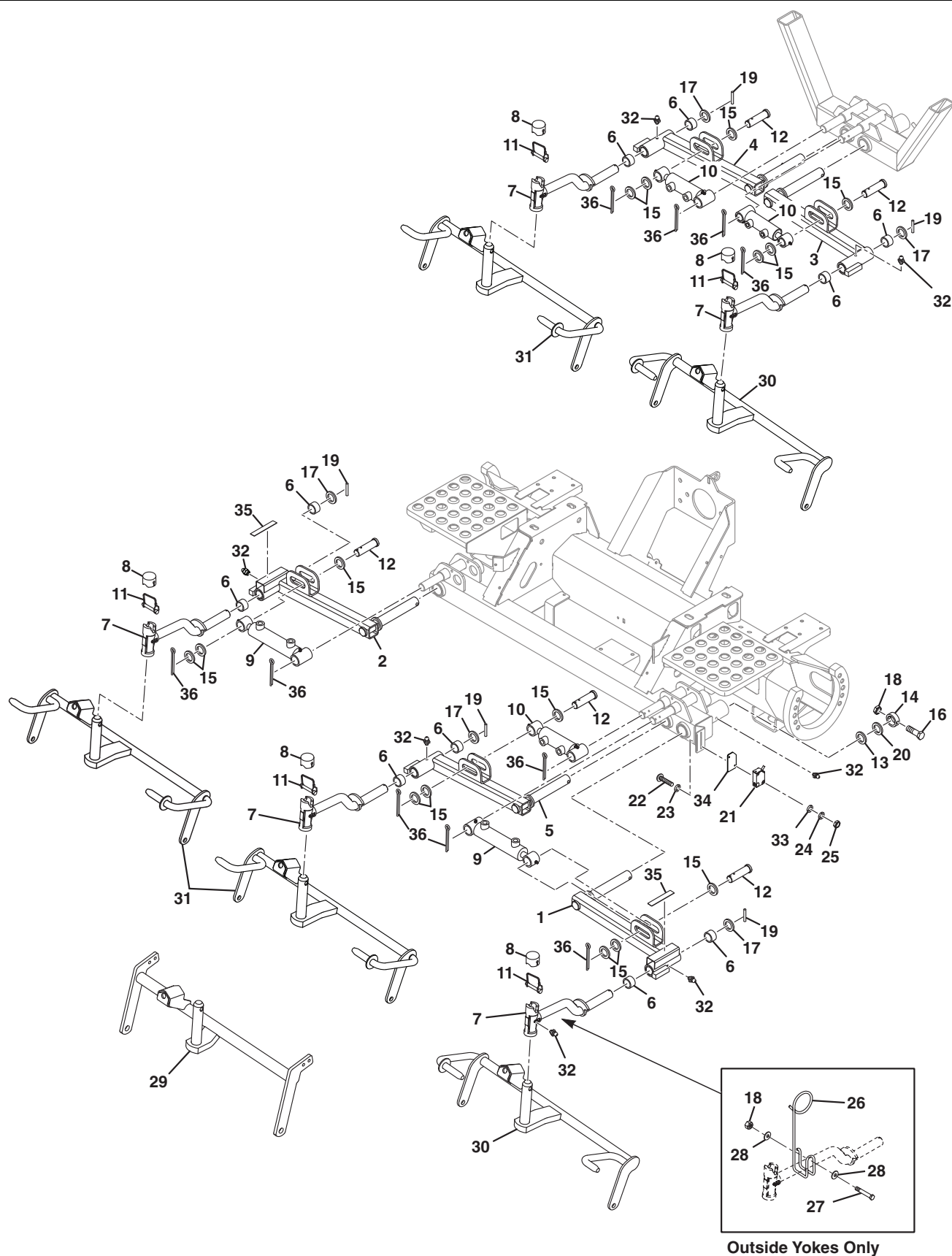


LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4195083	1	Lift Valve	See 28.1
2	158007-01	4	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 1/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
3	4327470	1	Tube, Lift Valve to Left Cylinder	
4	4326929	1	Tube, Lift Valve to Right Cylinder	
5	340239	1	Fitting, -6 ORFS Union Bulkhead	
	339909	2	• O-Ring, -6 ORFS	
6	339961	4	Nut, -6 ORFS (9/16-18) Bulkhead	
7	4328576	1	Hose, Bulkhead to Left Cylinder	
8	4328576	1	Hose, Bulkhead to Right Cylinder	Cylinder Base Port Cylinder Base Port
9	339909	4	O-Ring, -6 ORFS	
10	4287312	4	Disk, 0.040" Orifice	See 47.1
11	158006-01	2	Fitting, 11/16 ORF x 9/16 SAE	
	158061-01	1	• O-Ring, 11/16 ORF	
	002218065	1	• O-Ring, 9/16 SAE	
12	4138513	2	Cylinder, Wing Lift	
	4137139	1	• Seal Kit	
13	4328575	1	Hose, Left Cylinder to Bulkhead	
14	4328575	1	Hose, Right Cylinder to Bulkhead	
15	4327471	1	Tube, Left Cylinder to Lift Valve	
16	4342306	1	Tube, Right Cylinder to Tube	
17	4326928	1	Tube, Lift Valve	Lift Valve Port 7
18	364221	2	Clamp, Double 3/8" Tube	
19	367028	1	Clamp, 3/8" Tube	See 47.1
20	3003110	2	Clamp, Double 5/8" Hose	

LIGHTWEIGHT FAIRWAY MOWER

46.1 Lift Arms



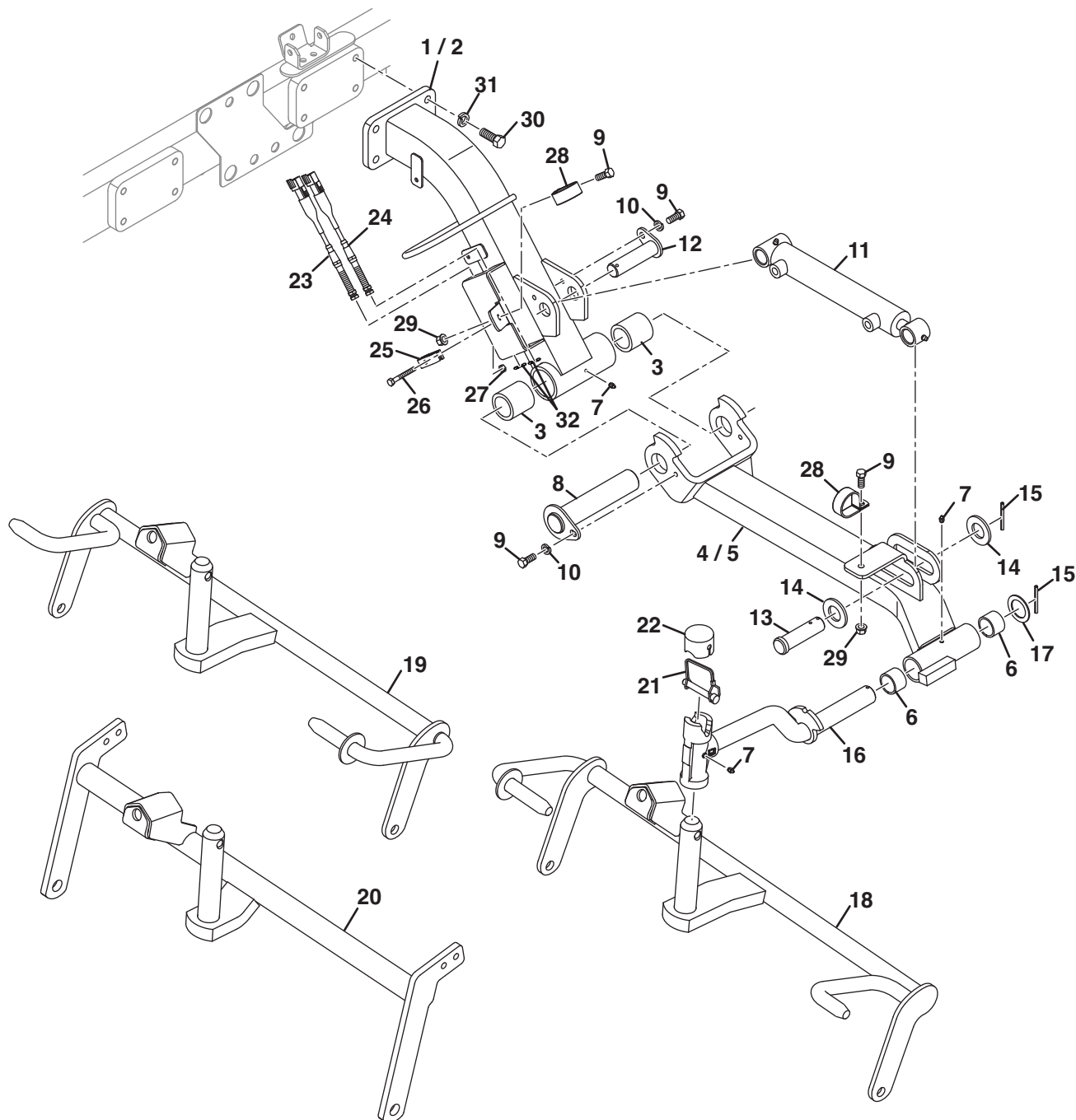
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	680648	1	Left Front Lift Arm	2 Per Lift Arm
2	680683	1	Right Front Lift Arm	
3	679105	1	Left Rear Lift Arm	
4	679237	1	Right Rear Lift Arm	
5	679104	1	Center Lift Arm	
6	3006539	10	• Bushing	
7	1002498	5	Yoke, Pivot	
8	3008432	5	Cap, Swivel Housing	
9	4193221	2	Lift Cylinder, Left and Right Front	
	4194460	1	• Seal Kit	
10	4193220	3	Lift Cylinder, Center and Rear	
	4194020	1	• Seal Kit	
11	3007798	5	Lock Pin	
12	3007989	5	Pin, Cylinder	
13	362824	5	Spacer, Lift Arm	
14	364248	5	Collar	
15	455004	15	Flat Washer, 1	
16	400272J	5	Screw, 3/8-16 x 2-1/4" Hex Head	
17	2500477	5	Machinery Bushing	
18	444762	7	Locknut, 3/8-16 Center	
19	461409	5	Roll Pin, 3/16x x 1.75	REFERENCE SW2, See 70.1
20	3009490	5	Wave Washer	
21	4125831	1	Switch, Proximity	
22	800440	2	Screw, #4-40 x 1" Truss Head	
23	453004	2	Flat Washer, #8	
24	446102	2	Lockwasher, #4	
25	444302	2	Nut, #4-40 Hex	
26	4244650	2	Support, Hose	
27	400276J	2	Screw, 3/8-16 x 2-1/2" Hex Head	
28	358794	4	Flat Washer, 3/8	
29	1003361	5	Lift Yoke	LF570, LF577 Options
30	1003359	2	Lift Yoke, Left Side	LF550, LF557 Options
31	1003360	3	Lift Yoke, Right Side and Center	LF550, LF557 Options
32	471214	15	Grease Fitting	
33	450387	2	Washer, Flat	
34	4176860	1	Plate, Proximity Switch	
35	10041467	2	Lift Arm, Anti slip Step	
36	UK454000572	10	Split Pin, 3/16 x 1 - 3/4	

LIGHTWEIGHT FAIRWAY MOWER

47.1 Wing Lift Arms

7 Gang Option, Left Side Shown, Right Side Similar



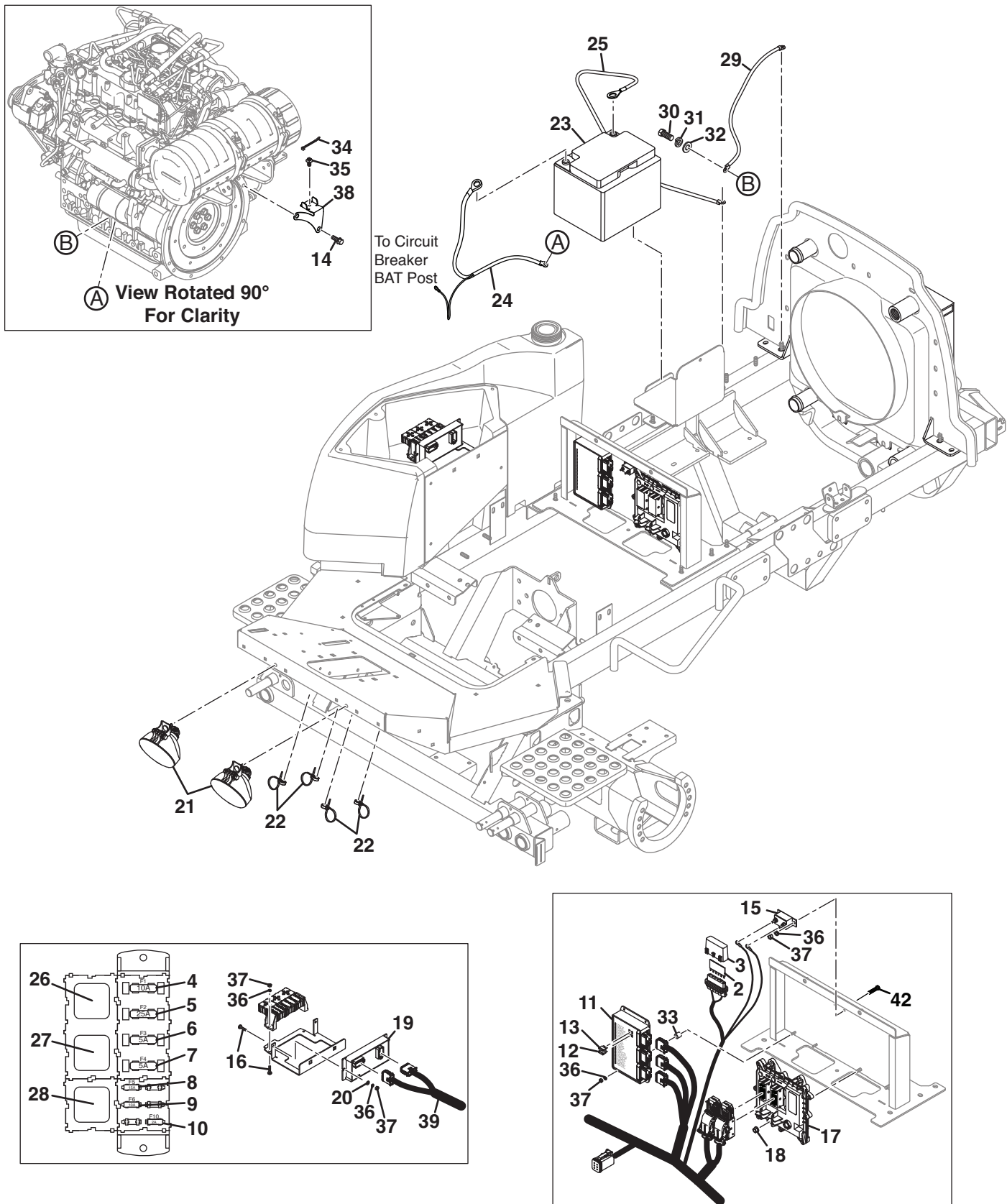
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4323207	1	Mount, Left Wing Arm	
2	4323212	1	Mount, Right Wing Arm	
3	3009502	2	• Bushing, Tube	
4	4323213	1	Arm, Left Wing Lift	
5	4323214	1	Arm, Right Wing Lift	
6	3006539	2	Bushing	
7	471214	6	Grease Fitting, 1/4-28 Straight	
8	4323386	2	Pin, Wing	
9	400258	8	Screw, 3/8-16 x 3/4" Hex Head	
10	446142	4	Lockwasher, 3/8 Heavy	
11	4138513	2	Cylinder, Wing Lift	
	4137139	1	• Seal Kit	
12	1004492	2	Pin, Cylinder	
13	3007989	2	Pin, Cylinder Front	
14	455004	4	Washer, Plated	
15	461409	4	Roll Pin, 3/16 x 1-3/4"	
16	1002498	2	Yoke, Pivot	
17	2500477	2	Washer, 1-1/4"	
18	1003359	1	Lift Yoke, Left Wing	LF557 Option
19	1003360	1	Lift Yoke, Right Wing	LF557 Option
20	1003361	2	Lift Yoke	LF577 Option
21	3007798	2	Lock Pin	
22	3008432	2	Cap, Swivel Housing	
23	4196920	2	Switch, #1 Proximity	REFERENCE SW17, SW18, See 70.1
24	4196920	2	Switch, #2 Proximity	REFERENCE SW19, SW20, See 70.1
25	3003110	2	Clamp, Double 5/8" Hose	See 45.1
26	400118	2	Screw, 1/4-20 x 1-3/4" Hex Head	
27	444708	2	Locknut, 1/4-20 Hex Center	
28	400356	2	Clamp, 1-11/16"	See 40.1
29	445783	2	Nut, 3/8-16 Whizlock Flange	
30	400406	8	Screw, 1/2-13 x 1-1/4" Hex Head	
31	446154	8	Lockwasher, 1/2 Heavy	
32	454025	4	Spring Washer, 1/2	

LIGHTWEIGHT FAIRWAY MOWER

48.1 Electrical Harness and Components

Tier 4 Final / Stage 5 Engine Options



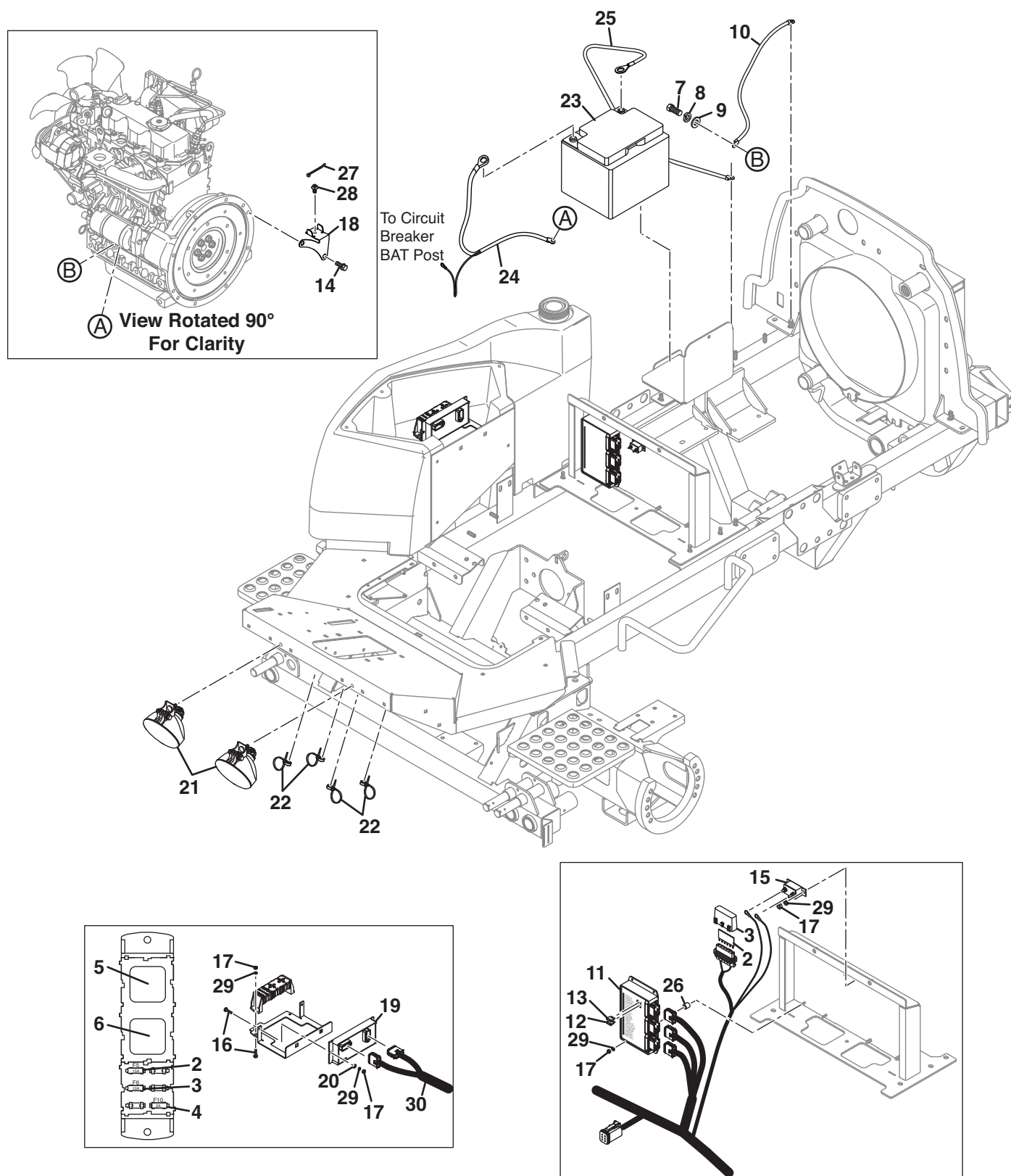
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4326426	1	Harness, Main Wire	See 8.1
2	4293091	1	• Card, 100 μ F 16V Capacitor	REFERENCE C1, See 70.1
3	2811608	1	• Cap, Connector	
4	5003280	1	• 10 Amp Fuse, Engine Controller	REFERENCE F1, See 70.1
5	5003283	1	• 25 Amp Fuse, Main Relay	REFERENCE F2, See 70.1
6	5003278	1	• 5 Amp Fuse, Start Signal	REFERENCE F3, See 70.1
7	5003278	1	• 5 Amp Fuse, Diagmaster	REFERENCE F4, See 70.1
8	4312246	1	• 15 Amp Fuse, Air Ride Seat	REFERENCE F5, See 70.1
9	4312213	1	• 10 Amp Fuse, LDU	REFERENCE F6, See 70.1
10		1	• 2 Amp Fuse, Cruise	REFERENCE F10, See 70.1
11	4358787	1	Controller, Mower (MCU)	REFERENCE U18, See 70.1
12	5003282	1	• 20 Amp Fuse, Lights	REFERENCE F7, See 70.1
13	5003282	1	• 20 Amp Fuse, 12V Output	REFERENCE F8, See 70.1
14	452398	2	Screw, M10-1.5 x 20 mm Hex Flange	
15	361439	1	Circuit Breaker, 50 Amp 12V	REFERENCE CB1, See 70.1
16	800296	2/4	Screw, #10-24 x 3/4" Pan Head	LF550 & LF570/LF557 & LF577
◆ 17		1	Controller, Engine (ECU)	REFERENCE U1, See 70.1
18	445795	4	Nut, 5/16-18 Spiralock Flange	
19	4329528	1	Controller, Wing Module	LF557 and LF577 Option Only
20	303952	2	Flat Washer, #10	LF557 and LF577 Option Only
21	4122840	2	Headlight	REFERENCE L1 and L2, See 70.1
	4123183	1	• Bulb	
22	4234620	4	Tie Strap, Push Nut Mount	
23	684310	1	Battery	REFERENCE B1, See 70.1
24	4301101	1	Cable, Positive Battery	Battery to Starter
25	4301100	1	Cable, Negative Battery	
26	4193880	1	Relay, Main	REFERENCE CR1, See 70.1
27	4193880	1	Relay, Glow Plug	REFERENCE CR2, See 70.1
28	4193880	1	Relay, Starter	REFERENCE CR3, See 70.1
29	4271132	1	Cable, Engine Ground	
30	365979	1	Screw, M12-1.25 x 25 mm Hex Head	
31	446154	1	Lockwasher, 1/2 Heavy	
32	453017	1	Flat Washer, 1/2	
33	4136366	4	Spacer, Controller	
34	4167640	3	Cable Tie, Fir Tree	
35	4257272	3	Panel Mount, Fir Tree	
36	446116	8/10	Lockwasher, #10	LF550 & LF570/LF557 & LF577
37	444310	8/10	Nut, #10-24 Hex	LF550 & LF570/LF557 & LF577
38	4343207	1	Bracket, Harness Support	
39	4301153	1	Harness, Wing Mower	LF557 and LF577 Option Only
40	450192	2	Screw, M8-1.25 x 16 mm	Battery Terminal Screws (Not Shown)
41	366680	1	Molding	Not Illustrated
42	800229	2	Screw	
◆	Contact customer service with Engine Model and Engine Serial Number			

LIGHTWEIGHT FAIRWAY MOWER

49.1 Electrical Harness and Components

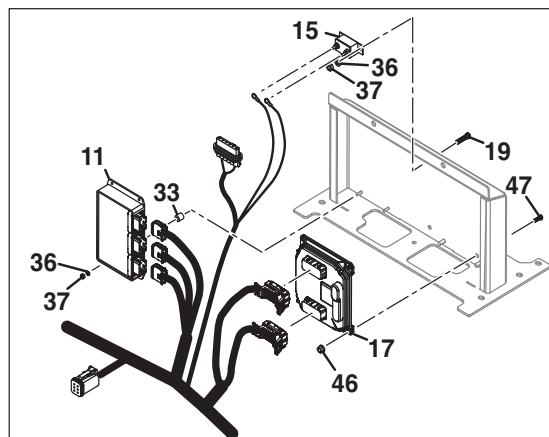
Tier 4 Interim Engine Options



LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4301097	1	Harness, Main Wire	
2	4312246	1	• 15 Amp Fuse, Air Ride Seat	REFERENCE F5, See 70.1
3	4312213	1	• 10 Amp Fuse, LDU	REFERENCE F6, See 70.1
4		1	• 2 Amp Fuse, Cruise	REFERENCE F10, See 70.1
5	4193880	1	• Relay, Glow Plug	REFERENCE CR2, See 70.1
6	4193880	1	• Relay, Starter	REFERENCE CR3 See 70.1
7	365979	1	Screw, M12-1.25 x 25 mm Hex Head	
8	446154	1	Lockwasher, 1/2 Heavy	
9	453017	1	Flat Washer, 1/2	
10	4271132	1	Cable, Engine Ground	
11	4358787	1	Controller, Mower (MCU)	REFERENCE U18, See 70.1
12	5003282	1	• 20 Amp Fuse, Lights	REFERENCE F7, See 70.1
13	5003282	1	• 20 Amp Fuse, 12V Output	REFERENCE F8, See 70.1
14	452398	2	Screw, M10-1.5 x 20 mm Hex Flange	
15	361439	1	Circuit Breaker, 50 Amp 12V	REFERENCE CB1, See 70.1
16	800296	2/4	Screw, #10-24 x 3/4" Pan Head	LF550 & LF570/LF557 & LF577
17	444310	8/10	Nut, #10-24 Hex	LF550 & LF570/LF557 & LF577
18	4343207	1	Bracket, Harness Support	
19	4329528	1	Controller, Wing Module	LF557 and LF577 Option Only
20	303952	2	Flat Washer, #10	LF557 and LF577 Option Only
21	4122840	2	Headlight	REFERENCE L1 and L2, See 70.1
	4123183	1	• Bulb	
22	4234620	4	Tie Strap, Push Nut Mount	
23	684310	1	Battery	REFERENCE B1, See 70.1
24	4301101	1	Cable, Positive Battery	Battery to Starter
25	4301100	1	Cable, Negative Battery	Battery to Engine Block
26	4136366	4	Spacer, Controller	
27	4167640	3	Cable Tie, Fir Tree	
28	4257272	3	Panel Mount, Fir Tree	
29	446116	8/10	Lockwasher, #10	LF550 & LF570/LF557 & LF577
30	4301153	1	Harness, Wing Mower	LF557 and LF577 Option Only
31	450192	2	Screw, M8-1.25 x 16 mm	Battery Terminal Screws (Not Shown)

V1505 Stage 5 Engine Options



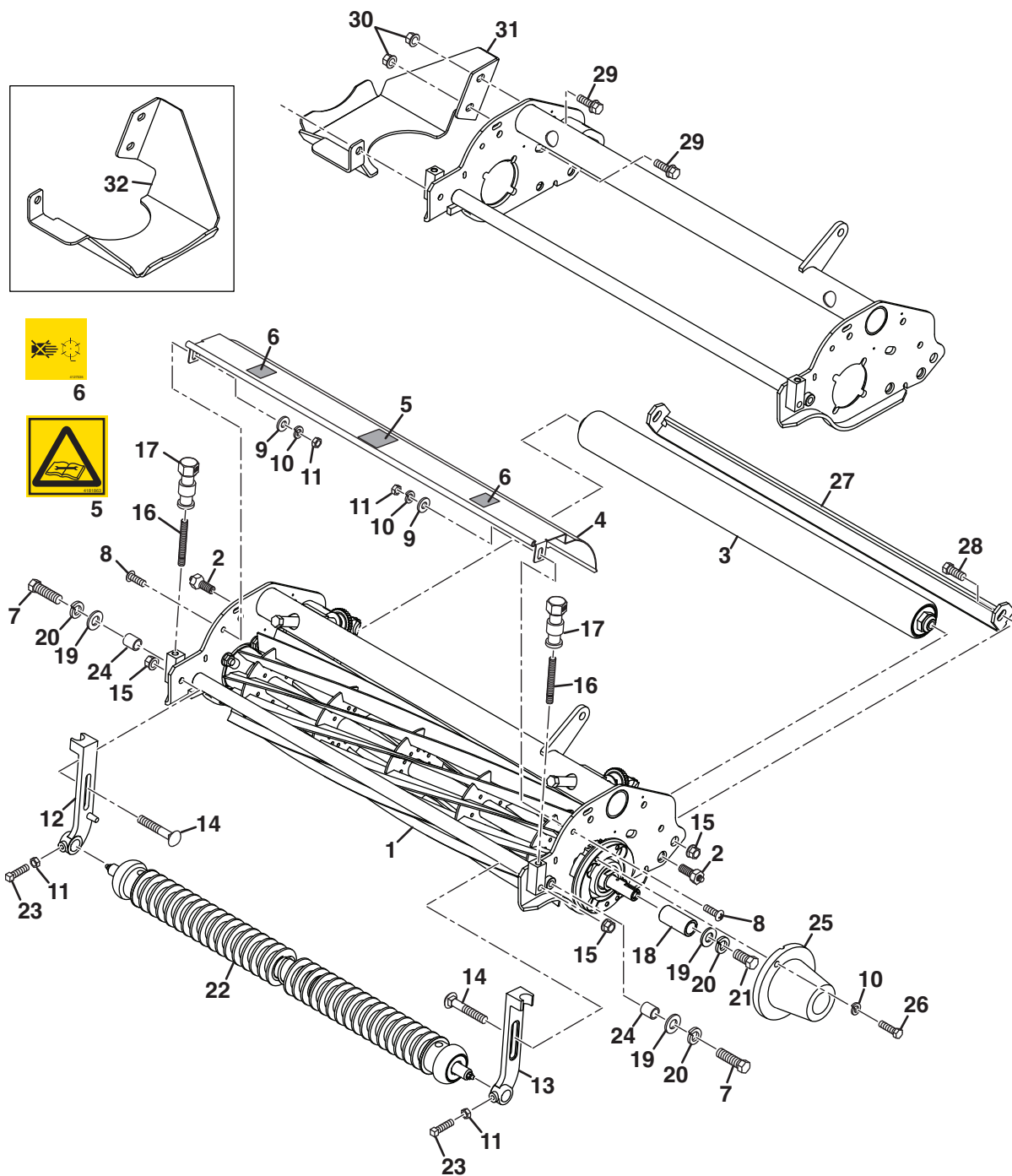
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10003131	1	Harness, Main Wire	
2	5003280	1	• 10 Amp Fuse, Engine Controller	
3	5003283	1	• 25 Amp Fuse, Main Relay	
4	5003278	1	• 5 Amp Fuse, Start Signal	
5	5003278	1	• 5 Amp Fuse, Diagmaster	
6	4312246	1	• 15 Amp Fuse, Air Ride Seat	
7	4312213	1	• 10 Amp Fuse, LDU	
8		1	• 2 Amp Fuse, Cruise	
9	473144	4	Cable Tie	Not Illustrated
10	366680	1	Molding	Not Illustrated
11	10010877	1	Programmed MCU	
12	10003141	1	Cable	Battery Negative to Bell Housing GND
13	10003130	1	Cable	Heater Module
14	10003105	1	Cable	Alternator to Distribution Box
15	361439	1	Circuit Breaker, 50 Amp 12V	
16	800296J	2	Screw, #10-24 x 3/4" Pan Head	
17	10047581	1	Controller, Engine (ECU)	
18	64197-05	1	Screw Taptite, 3/8-16 x 1.25"	Not Illustrated
19	800229	2	Screw	
20	450171	2	Hex Screw, M6 x 20	
21	4122840	2	Headlight	
	4123183	1	• Bulb	
22	469016509	1	Clip	
23	684310	1	Battery	
24	4301101	1	Cable, Positive Battery	Battery to Starter
25	4301100	1	Cable, Negative Battery	
26	4193880	1	Relay, Main	
27	4193880	1	Relay, Glow Plug	
28	4193880	1	Relay, Starter	
29	358794	2	Washer	
30	365979	1	Screw, M12-1.25 x 25 mm Hex Head	Not illustrated
31	446154	1	Lockwasher, 1/2 Heavy	Not illustrated
32	453017	1	Flat Washer, 1/2	Not illustrated
33	4136366	4	Spacer, Controller	
34	4167640	3	Cable Tie, Fir Tree	
35	4257272	1	Panel Mount, Fir Tree	Not illustrated
36	446116	8	Lockwasher, #10	
37	444310	8	Nut, #10-24 Hex	
38	4343207	1	Bracket, Harness Support	Not illustrated
39	450399	2	Flat Washer, M6	
40	450192	2	Screw, M8-1.25 x 16 mm	Battery Terminal Screws (Not Shown)
41	452435	2	Hex Flange Lock Nut	
42	4309904	1	3 Way Distribution Box	
43	10026627	1	Heater Relay, 100A	
44	10003132	1	Cable	Battery Positive to Distribution box
45	10003104	1	Cable	Distribution box Relay
46	443106	4	Hex Nut, 5/16 - 18	
47	400186J	4	Hex head Screw, 5/16 - 18 x 0.875	
48	445796	3	Spiralock Flange Nut, 3/8-16	
49	10076031	1	Cable, Battery - Chassis Negative	

LIGHTWEIGHT FAIRWAY MOWER

51.1 Five Inch Outer Reel

Left Hand Reel Shown, Right Hand Opposite



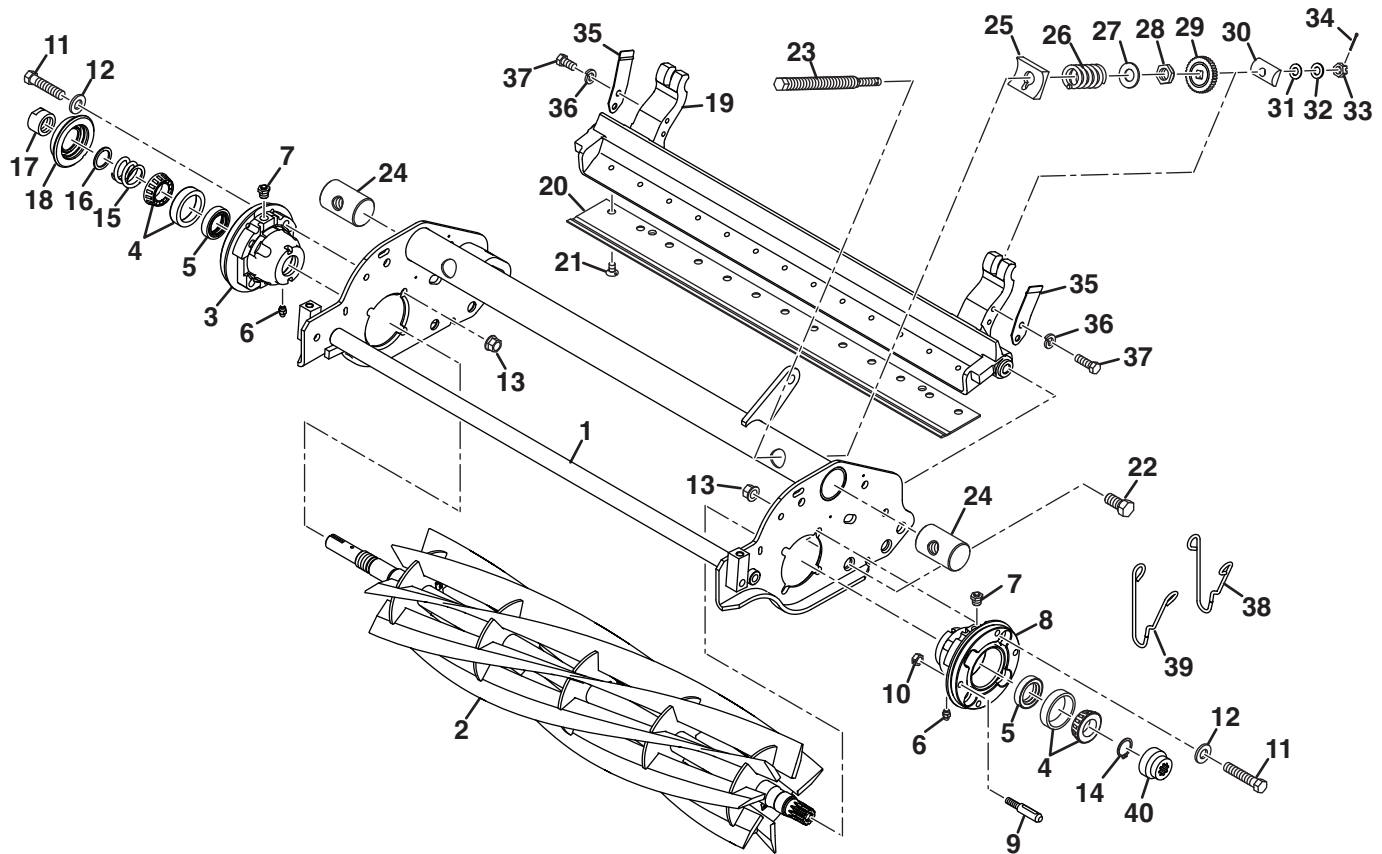
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	REF	1	Inner Reel	See 52.1
2	1002224	2	Zerk Bolt	
3	1000770	1	22" x 2" Ø Rear Roller	Standard Rear Roller. See 56.1
3	5003687	1	20" x 2-1/2" Ø Rear Roller	Optional Rear Roller
3	1003728	1	22" x 2-1/2" Ø Rear Roller	Optional Rear Roller
3	1002446	1	24" x 2-1/2" Ø Rear Roller	Optional Rear Roller
4	2810043	1	Shield, Grass	
5	4181863	1	Decal, Read Manual for Service	
6	4127335	2	Decal, Danger	
7	400264	2	Screw, 3/8-16 x 1-1/4" Hex Head	
8	403782	2	Screw, 1/4-20 x 3/4" Truss Head	
9	453023	2	Flat Washer, 1/4	
10	446130	4	Lockwasher, 1/4 Heavy	
11	443102	4	Nut, 1/4-20 Hex	
12	3008438	1	Bracket, Left Side Front Roller	
13	3008439	1	Bracket, Right Side Front Roller	
14	441674	2	Carriage Bolt, 5/16-18 x 1-3/4"	
15	445795	4	Nut, 5/16-18 Spiralock Flange	
16	343616	2	Stud, Front Roller Adjuster	
17	3005692	2	Knob, Front Roller Adjuster	
18	367164	1	Spacer	
19	453011	3	Flat Washer, 3/8	
20	446142	3	Lockwasher, 3/8 Heavy	
21	400294	1	Screw, 3/8-24 x 1" Hex Head	
22	REF	1	Front Roller	Not included with reel.
23	352737	2	Set Screw, 1/4-20 x 7/8" Grade 8	
24	345510	2	Spacer, Lift Yoke	
25	2000065	1	Casting, Counterweight	
26	400110	2	Screw, 1/4-20 x 7/8" Hex Head	
27	338735	1	Scraper, 22" Rear Roller	
28	400184	2	Screw, 5/16-18 x 3/4" Hex Head	
29	403770	2	Screw, 5/16-18 x 3/4" Hex Flange	Front Wing Reels Only
30	445795	2	Nut, 5/16-18 Spiralock Flange	Front Wing Reels Only
31	3008199	1	Skid, Left Hand Reel	Right Front Reel Only
32	3008200	1	Skid, Right Hand Reel	Left Front Reel Only

LIGHTWEIGHT FAIRWAY MOWER

52.1 Five Inch Inner Reel

Right Hand Reel Shown, Left Hand Reel Opposite



Standard Style Bedknives (Secured with screws)

Part Number	Description
503460	22" Heavy Section
▲ 5003150	22" Medium Section

▲ Standard Bedknife

Optional MagKnife Bedknives

Part Number	Description
4131010	22" Heavy Section
4131005	22" Medium Section
4135260	22" Light Fairway Section

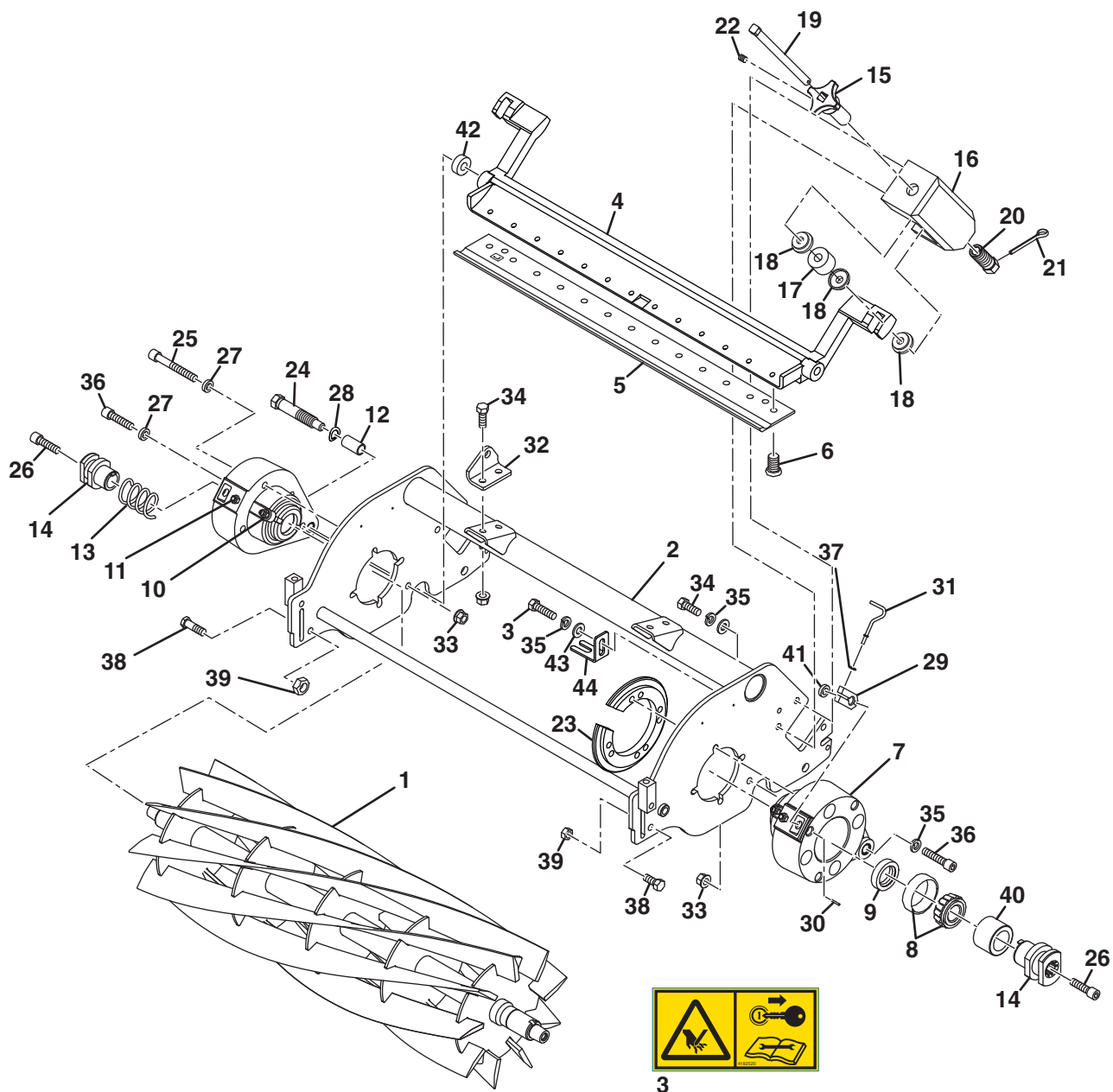
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4256226	1	22" Reel Frame	Used with 62839 Used with 62840 Used with 62855 Used with 62856
2	5003053	1	Reel, 22" Left Hand 7 Blade	
2	5003054	1	Reel, 22" Right Hand 7 Blade	
2	4337454	1	Reel, 22" HD Left Hand 9 Blade	
2	4337455	1	Reel, 22" HD Right Hand 9 Blade	
3	1000480	1	Housing, Bearing	
4	500534	1	• Bearing, Cup and Cone	
5	336962	1	• Seal, Grease	Includes Items 4~7
6	471214	1	• Grease Fitting	
7	471242	1	• Vent Fitting	
8	1004786	1	Housing, Bearing	
9	3010296	2	Pin, Motor Mounting	
10	444708	2	Locknut, 1/4-20 Hex Center	
11	400192	8	Screw, 5/16-18 x 1-1/2" Socket Head	
12	453009	4	Flat Washer, 5/16	Package of 100 Screws
13	445795	8	Nut, 5/16-18 Spirallock Flange	
14	458013	1	Ring, Snap	
15	5002151	1	Spring, Compression	
16	304745	1	Washer, Reel Shaft	
17	364900	1	Nut, 3/4-16 Reel	
18	163892	1	Seal Assembly	
19	4255754	1	Backing, 22" Bedknife	
20	See Chart	1	Bedknife	
21	4252470	AR	Screw, Bedknife	
22	315298	2	Bolt, 7/16-20 x 3/4" Wheel	
23	4256228	2	Rod, Bedknife Adjuster	
24	4256227	2	Trunnion, Internal	
25	4256229	2	Cradle, Tube Spring	
26	4256231	2	Spring, Compression	
27	400051J	2	Washer, 1/2" Belleville	
28	400050J	2	Nut, 1/2-20 Hex Jam Nylock	
29	4256233	2	Washer, Bedknife Adjustment	
30	4256232	2	Trunnion Half	
31	400052	2	Washer, 5/16 Belleville	
32	400065	AR	Washer, Shim	
33	400053	2	Nut, 5/16-24 Hex Slotted	
34	460008	2	Cotter Pin, 5/64 x 3/4"	
35	4256230	2	Spring, Detent	
36	446130	4	Lockwasher, 1/4 Heavy	
37	400104J	4	Screw, 1/4-20 x 1/2" Hex Head	
38	2810165	1	Clip, Motor	
39	2810166	1	Clip, Motor	
40	4247911	1	Coupler, Motor	Included with Mower

LIGHTWEIGHT FAIRWAY MOWER

53.1 Seven Inch Reel Assembly

LF570/LF577



LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	2810472	1	Reel, 11 Blade	Used on 67986
1	2810471	1	Reel, 9 Blade	Used on 67987
2	4384386	1	Frame, 7" Reel	
3	400188J	2	Screw, 5/16-18 x 1" Hex Head	
4	2811399	1	Bedknife Backing Assembly	
	455066	AR	• Shim	
5	503460	1	• Bedknife	Standard
6	3009138	13	• Screw, 1/4-20 x 1/2" Flat Head	
7	1002811	2	Bearing Housing	
8	5002477	2	• Bearing Cup and Cone	
9	3006030	2	• Seal	
10	471214	2	• Grease Fitting	
11	471242	2	• Vent Fitting	
12	2500759	2	• Bushing	
13	3004734	1	Spring, Compression	
14	4166860	2	Coupler	
	1002532	2	Bedknife Adjuster	
15	2000125	1	• Knob	
16	3004795	1	• Housing	
17	3010470	1	• Spring, Urethane	
18	3009892	3	• Spacer, Cup	
19	3010472	1	• Rod	
20	3010471	1	• Bolt, Special	
21	461357	1	• Roll Pin, 1/8 x 5/8"	
22	422511	1	• Set Screw, 5/16-18 x 3/8"	
23	4382453	2	Retaining Ring	
24	4340989	2	Bolt, Special	
25	434049	8	Screw, 5/16-18 x 2" Socket Head	
26	434003	2	Screw, 5/16-18 x 1" Socket Head	
27	362643	8	Spacer	
28	454017	2	Spring Washer	
29	4130092	2	Block, Clamp	
30	461419	2	Spring Pin, 1/8 x 3/8"	
31	3006028	2	Rod	
32	3008601	1	Bracket, Spring	
33	445795	4	Nut, 5/16-18 Spiralock Flange	
34	400184	6	Screw, 5/16-18 x 3/4" Hex Head	
35	446136	6	Lockwasher, 5/16	
36	434036	2	Screw, 5/16-18 x 1-1/4" Socket Head	
37	455066	2	Washer	
38	400182	2	Bolt, 5/16-18 x 5/8 " Hex Head	
39	443106	2	Nut, 5/16-18 Hex	
40	3004800	1	Spacer, Reel	
41	4311387	2	Washer, Neoprene	
42	4374346	2	Spacer, Bedknife Backing	
43	453009	6	Flat Washer, 5/16	
44	4389073	2	Bracket, Shield Door	

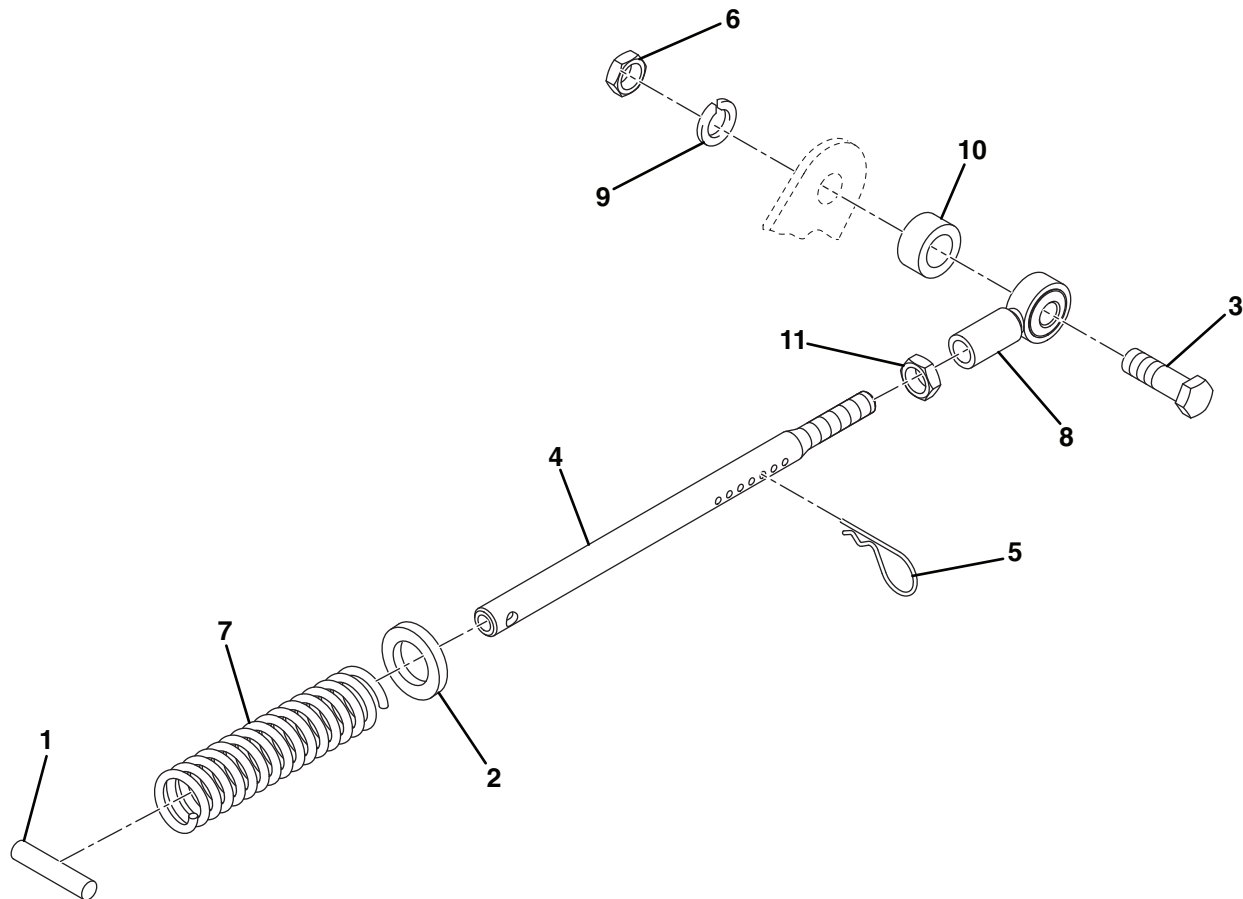
LF570/LF577

LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	445525	2	Palnut, 1/4	
2	445795	2	Nut, 5/16-18 Spiralock Flange	
3	1002226	2	Zerk Bolt	
4	3004738	2	Front Roller Adjuster	
5	4388406	1	Shield Assembly	
6	3009280	1	Scraper, 22" Rear Roller	
7	3009281	1	Spring, 22" Rear Roller Torsion	
8	343616	2	Stud	
9	352737	2	Screw, 1/4-20 x 7/8" Square Head	
10	2000135	1	Counter Balance	
11	3005692	2	Knob, Roller Adjusting	
12	441674	2	Carriage Bolt, 5/16-18 x 1-3/4"	
13	443102	6	Nut, 1/4-20 Hex	
14	3006022	2	Pin	
15	446130	2	Lock Washer, 1/4 Heavy	
16	3006021	1	O-Ring	
17	400264	2	Screw, 3/8-16 x 1-1/4" Hex Head	
18	446142	2	Lockwasher, 3/8 Heavy	
19	453011	4	Flat Washer, 3/8	
20	403782	2	Screw, 1/4-20 Hex Flange	
21	4388410	1	Handle, Shield	
22	3006290	2	Bushing	
23	453023	2	Flat Washer, 1/4	
24	1003728	1	Rear Roller, 22"	
25	1003727	1	• Tube, 22" Roller	
26	3008027	1	• Shaft, 22" Roller	
27	3005156	2	• Sleeve, Wear	
28	3004882	2	• Seal, Grease	
29	500534	2	• Bearing, Cup and Cone	
30	367029	2	• Locknut, 3/4-16 Stover	
31	4127335	2	Decal, Danger	
32	4181863	1	Decal, Read Manual For Service	
33	400553	2	Pop Rivet, 0.125 x 0.390	

LIGHTWEIGHT FAIRWAY MOWER

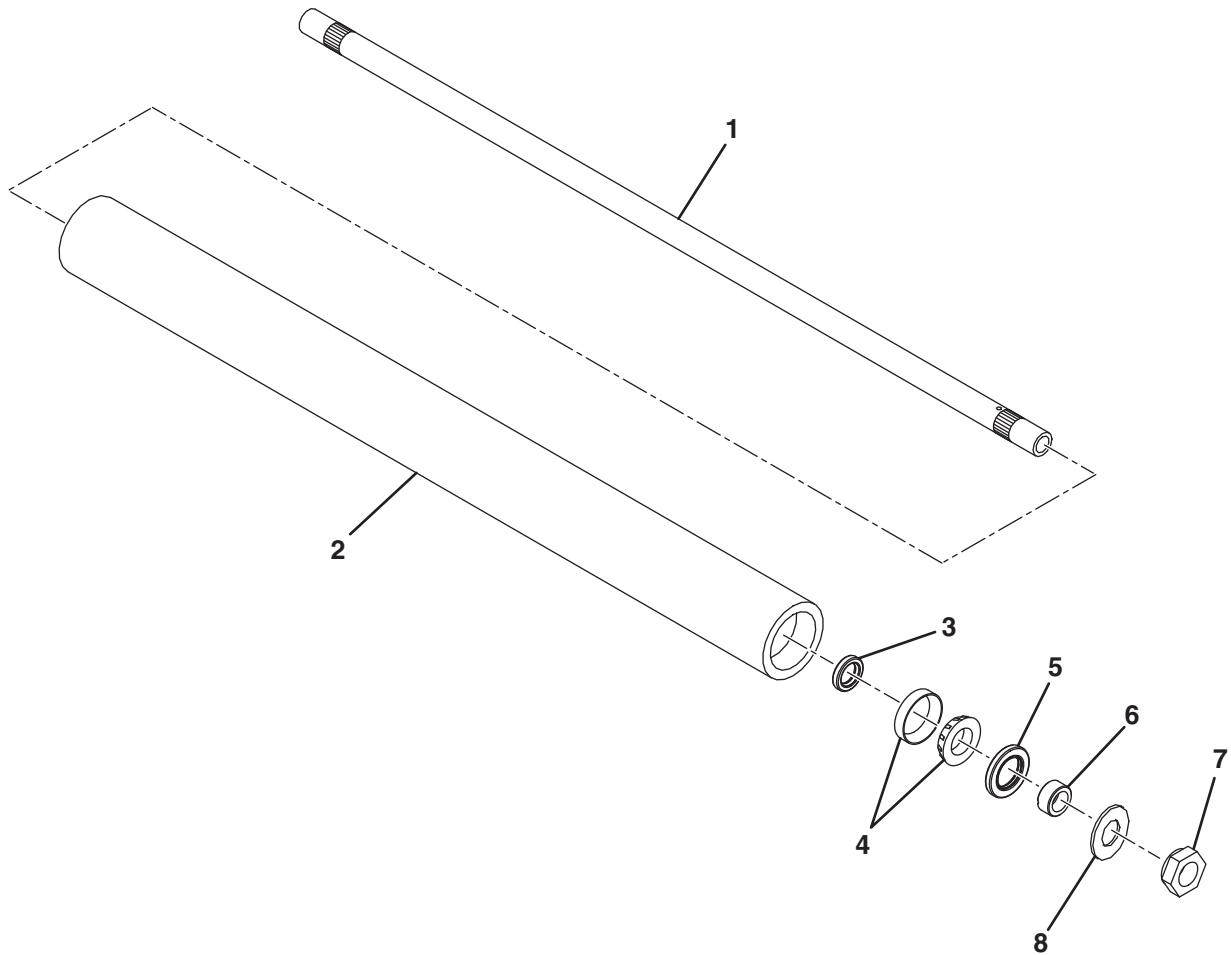
55.1 Down Pressure Spring



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	461397	1	Roll Pin, 1/4 x 1-1/4"	
2	453017	1	Flat Washer, 1/2	
3	400268	1	Screw, 3/8-16 x 1-3/4" Hex Head	
4	3008593	1	Tube, Down Pressure	
5	460312	1	Hairpin	
6	443110	1	Nut, 3/8-16 Hex	
7	311870	1	Spring, Compression	
8	366974	1	Rod End	
9	446142	1	Lockwasher, 3/8 Heavy	
10	352435	1	Spacer	
11	443812	1	Nut, 3/8-24 Hex	

56.1 Rear Roller

Part Number 1000770

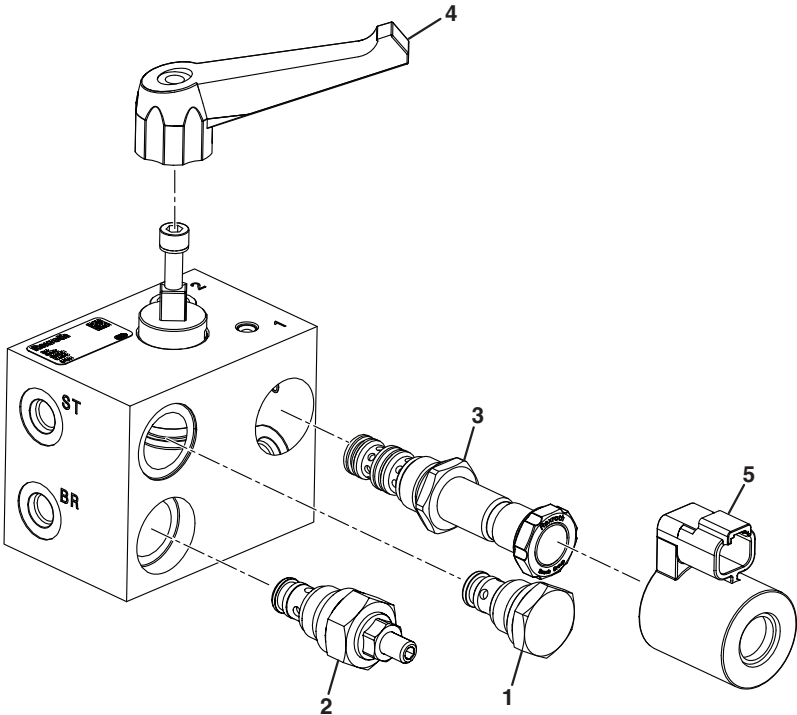


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	3001654	1	Shaft, Roller	
2	3001655	1	Tube, Roller	
3	3001656	2	Seal, Grease	
4	5000625	2	Bearing, Cup and Cone	
5	3000983	2	Seal, Grease	
6	3001762	2	Sleeve, Wear	
7	445801	2	Nut, 5/8-18 Hex Jam Lock	
8	3000698	2	Washer	

LIGHTWEIGHT FAIRWAY MOWER

57.1 Brake Valve

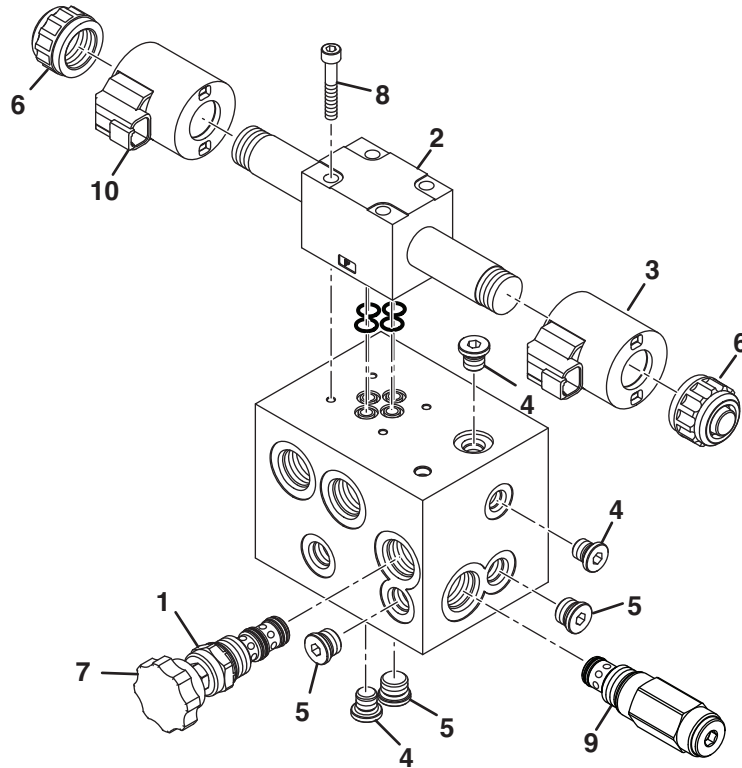
Part Number 10017443



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10068251	1	Check Valve	REFERENCE SOL8, See 70.1
	10068255	1	• Seal Kit	
2	10071155	1	Relief Valve	
	10068255	1	• Seal Kit	
3	10071156	1	3/2 Directional Control Valve	
	10070557	1	• Seal Kit	
4	10071158	1	Hand Lever	
	10071161	1	• Seal Kit	
5	10071157	1	Coil	
	10071159	1	• Seal Kit	

58.1 Reel Valve

Part Number 4355571

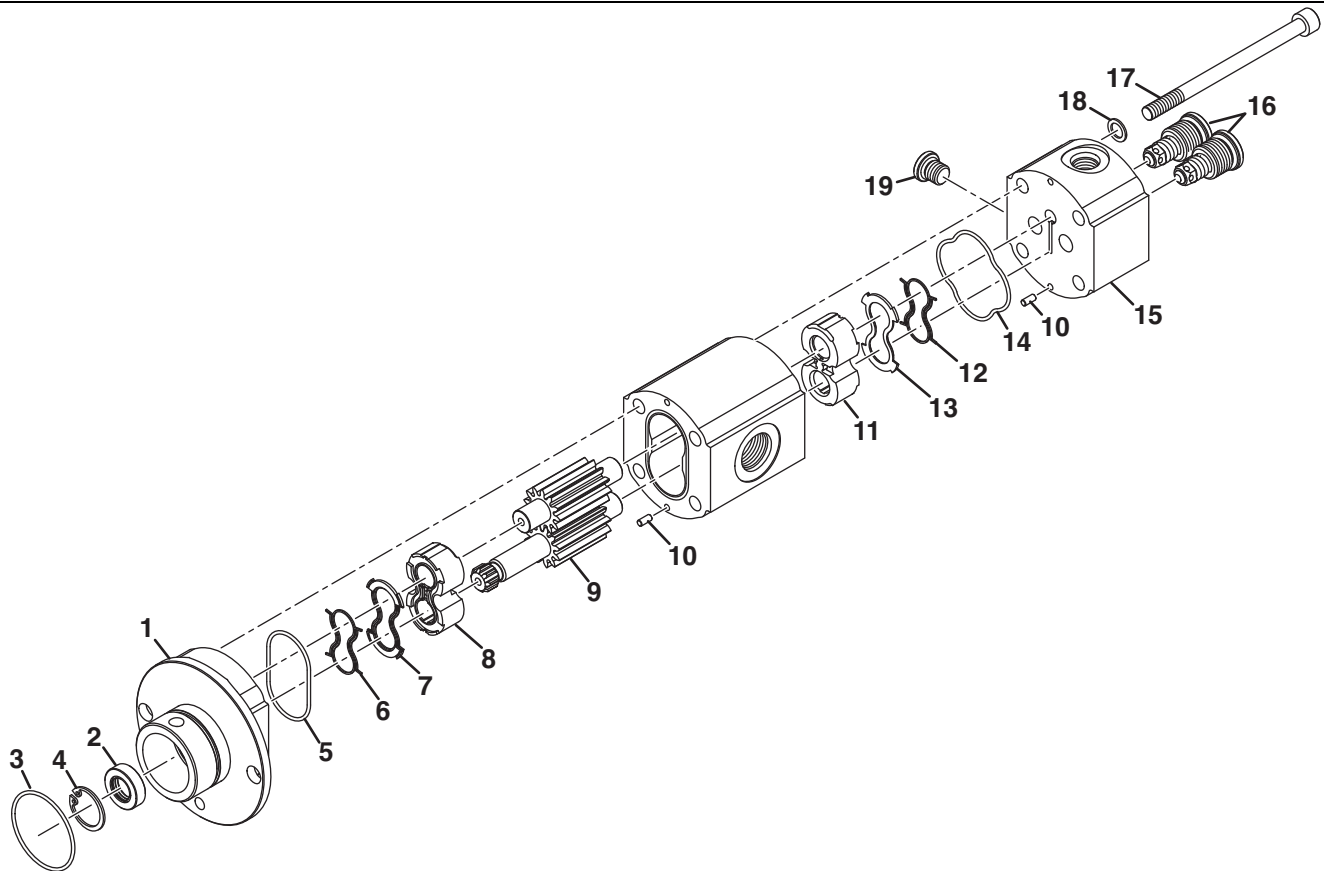


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	5003080	1	Flow Control	REFERENCE SOL2 and SOL6, See 70.1
	5003579	1	• Flow Control Seal Kit	
2	4136815	1	Solenoid Valve	
	339909	4	• O-Ring	
3	4135552	1	Coil	
4	5002157	3	Port Plug	
5	5001065	3	Port Plug	
6	4136814	2	Nut, Coil, with "O"-Ring	
7	4105980	1	Knob, Flow Control	
8	4143527	4	Bolt, D03 Service Short	
9	4355569	1	Relief Valve, 3500 PSI	REFERENCE SOL1 and SOL5, See 70.1
	5003579	1	• Seal Kit	
10	4200060	1	Coil	

LIGHTWEIGHT FAIRWAY MOWER

59.1 5" Reel Motor

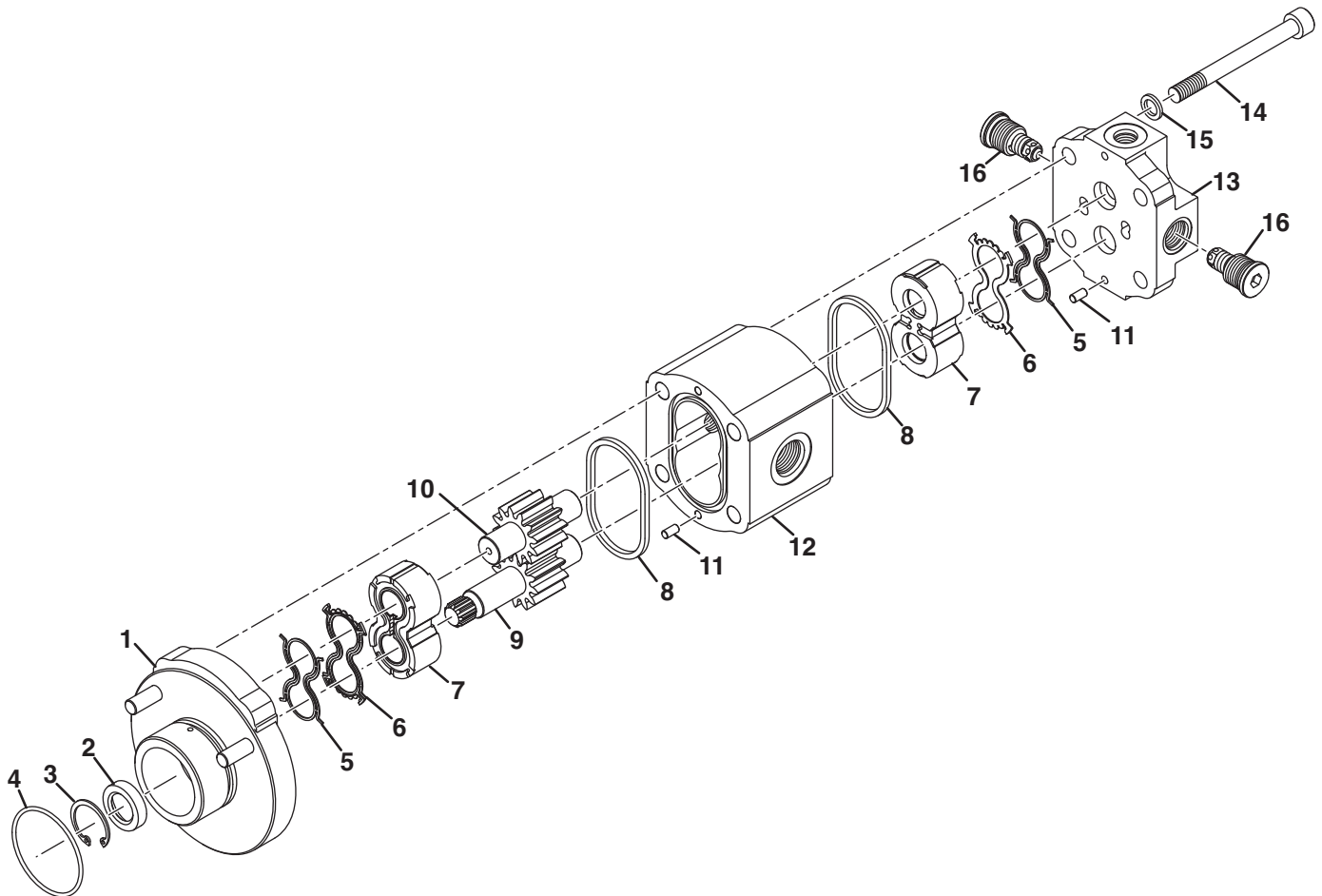
Part Number 4312506



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	5003688	1	Front Cover	
● 2	N/S	1	• Seal, Shaft	
● 3	845279	1	O-Ring	
4	N/S	1	Snap Ring	
● 5	N/S	1	Seal, Section	
● 6	N/S	1	Anti-Extrusion, Front	
● 7	N/S	1	Seal, Front Thrust Plate	
8	4322097	1	Thrust Plate, Front	With drain holes
9	N/S	1	Gear Set	
10	N/S	4	Dowel Pin	
11	4322098	1	Trust Plate, Rear	With drain holes
● 12	N/S	1	Anti-Extrusion, Front	
● 13	N/S	1	Seal, Front Thrust Plate	
● 14	N/S	1	Seal, Section	
15	N/S	1	Rear Cover	
16	5003140	2	Relief Valve Kit	
17	N/S	4	Screw, M8 x 115 mm SHCS	
18	N/S	4	Flat Washer	
19	N/S	1	Plug	
● 20	5003589	1	Seat Kit	Includes items marked ●

60.1 7" Reel Motor

Part Number 4311048

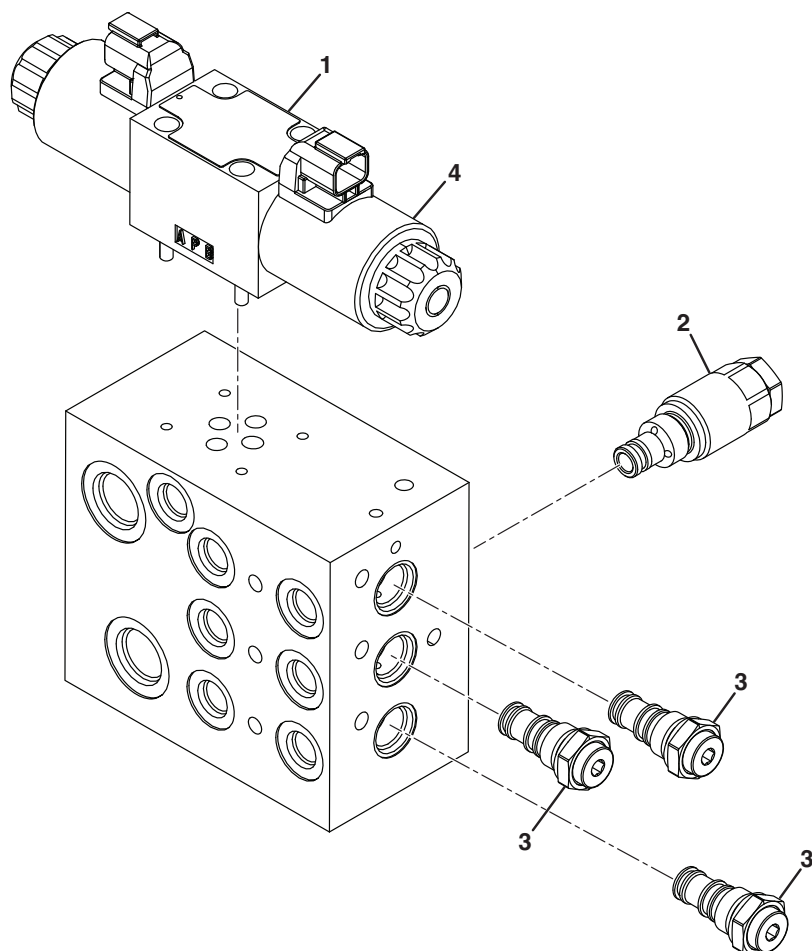


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	5003485	1	Front Cover	With drain holes
▲ 2	N/S	1	Shaft Seal	
▲ 3	3006021	1	O-Ring	
4	N/S	1	Snap Ring	
▲ 5	N/S	1	Anti-Extrusion	
▲ 6	N/S	1	Seal, Thrust Plate	
7	4314346	2	Thrust Plate	
▲ 8	N/S	1	Seal, Section	
9	4102440	1	Shaft, Drive	
10	N/S	1	Gear, Driven	
11	N/S	2	Dowel Pin	
12	N/S	1	Body, Motor	
13	N/S	1	Rear Cover	
14	N/S	4	Screw, M10 x 100 mm SHCS	
15	N/S	4	Flat Washer	
16	5003140	2	Relief Valve	
	5003031	1	Seal Kit, Motor	Includes items marked ▲

LIGHTWEIGHT FAIRWAY MOWER

61.1 Lift Valve

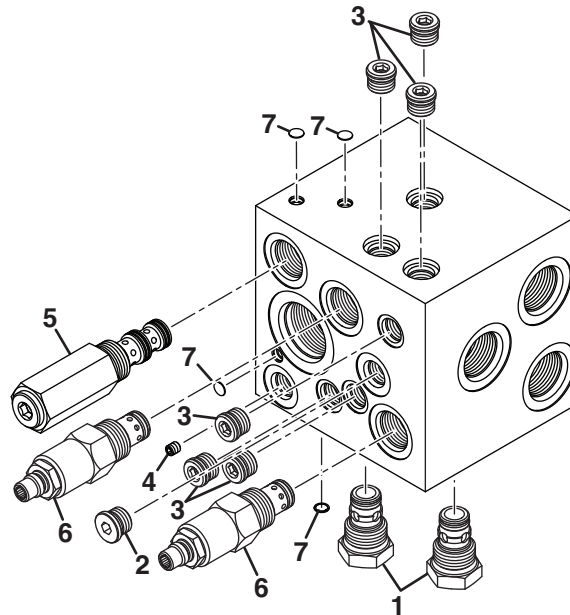
5 Gang Option, Part Number 10057641



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10056090	1	4/3 Directional Valve	
	10058430	1	• Gasket Kit	
2	10032013	1	Pressure Relief Valve	
	10032458	1	• Gasket Kit	
3	10064820	3	Check Valve Pilot Operated	
	10064837	3	• Seal Kit	
4	10059171	1	Coil	

62.1 4WD Valve

Part Number 4333510

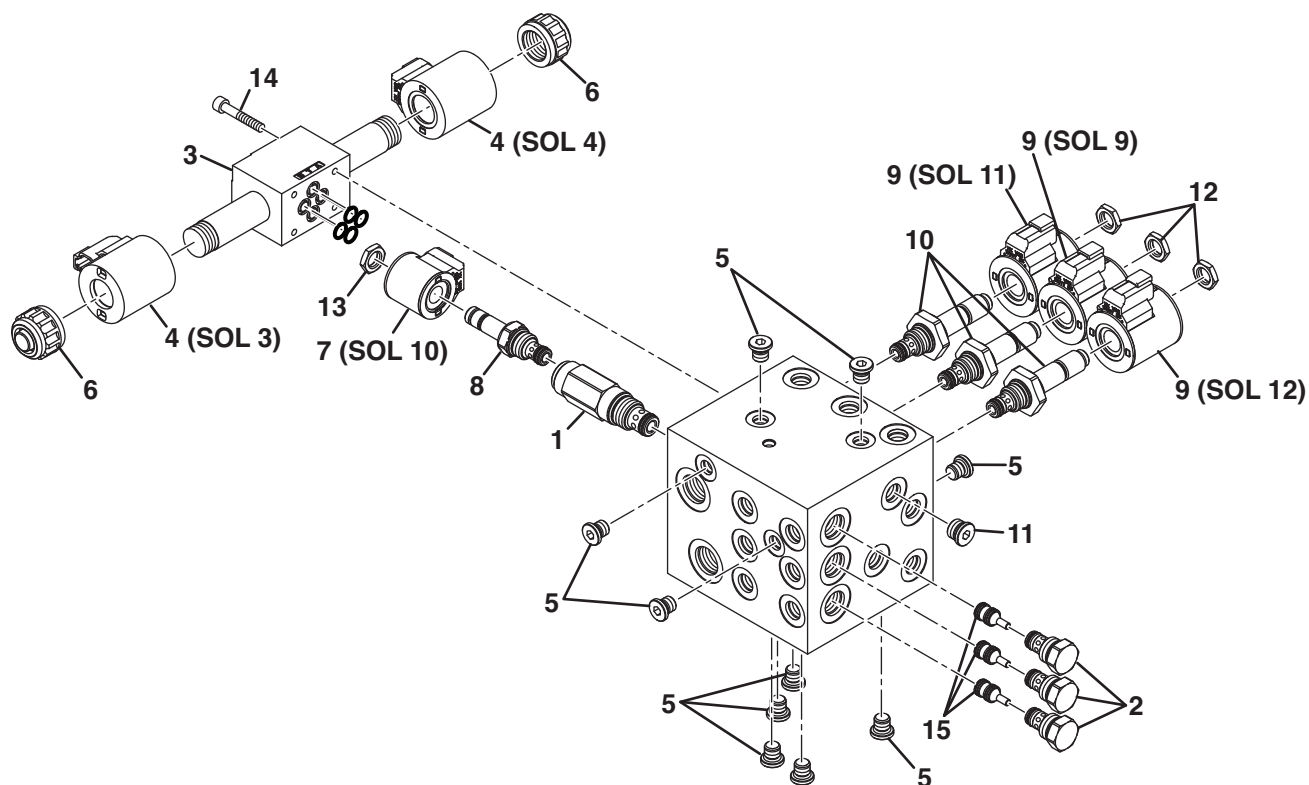


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4216681	2	Check Valve	
	4219520	1	• Seal Kit	
2	4216683	1	Plug, -6 Straight	
	N/S	1	• O-Ring	
3	4216684	6	Plug, -6 Tapered	
	N/S	1	• O-Ring	
4	4216685	1	Orifice, 0.52" Hex Socket	
5	4216686	1	Sequence Valve, 500 psi	
	4219540	1	• Seal Kit	
6	4303029	2	Relief Valve, 280 psi	
	4219520	1	• Seal Kit	
7	4216461	4	Plug, 8mm Expander	

LIGHTWEIGHT FAIRWAY MOWER

63.1 Lift Valve

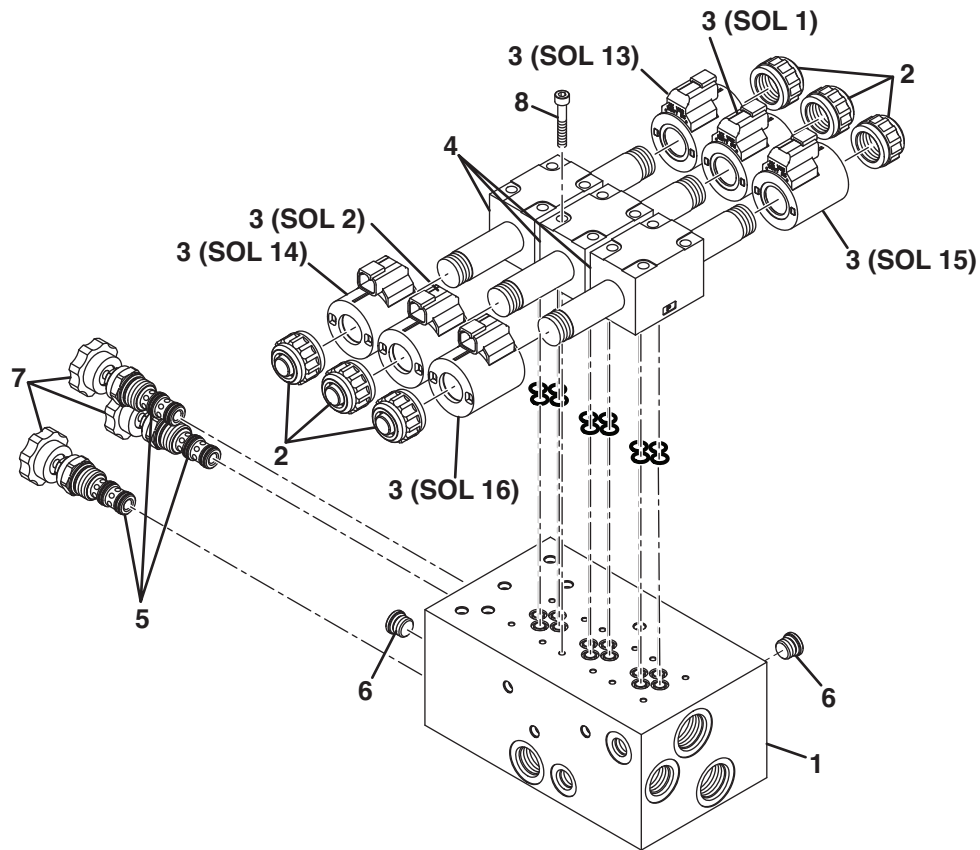
7 Gang Lift Valve, Part Number 4195083



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	5003144	1	Valve, Pilot Operated Relief	450 psi
	5003579	1	• Seal Kit	
2	5001355	3	Pilot Operated Check Valve	25 psi Spring
	5003578	1	• Seal Kit	
3	4136815	1	Valve, D03 Solenoid	
	339909	4	• O-Ring	
4	4135552	2	Coil, D03 Solenoid	REFERENCE SOL3, SOL 4, See 70.1
5	5002157	10	Plug, -4 ORB Port	
6	4136814	2	Nut, D03 Coil (Includes O-Rings)	
7	4134532	1	Coil	REFERENCE SOL10, See 70.1
8	2812373	1	Valve, NC Direct Acting Solenoid	Front Circuit
	5003578	1	• Seal Kit	
9	4134530	3	Coil	REFERENCE SOL9, SOL11, SOL12
10	2812372	3	Valve, NC Direct Acting Solenoid	Wing and Rear Circuits
	5003578	1	• Seal Kit	
11	5001065	1	Plug, -6 ORB Port	
12	2811254	3	Nut, Coil Service	
13	2811253	1	Nut, Coil Service	
14	4143527	4	Bolt, D03 Short Service	
15	4154700	3	Piston, Pilot	

64.1 Rear Reel Valve

7 Gang Option, Part Number 4195082

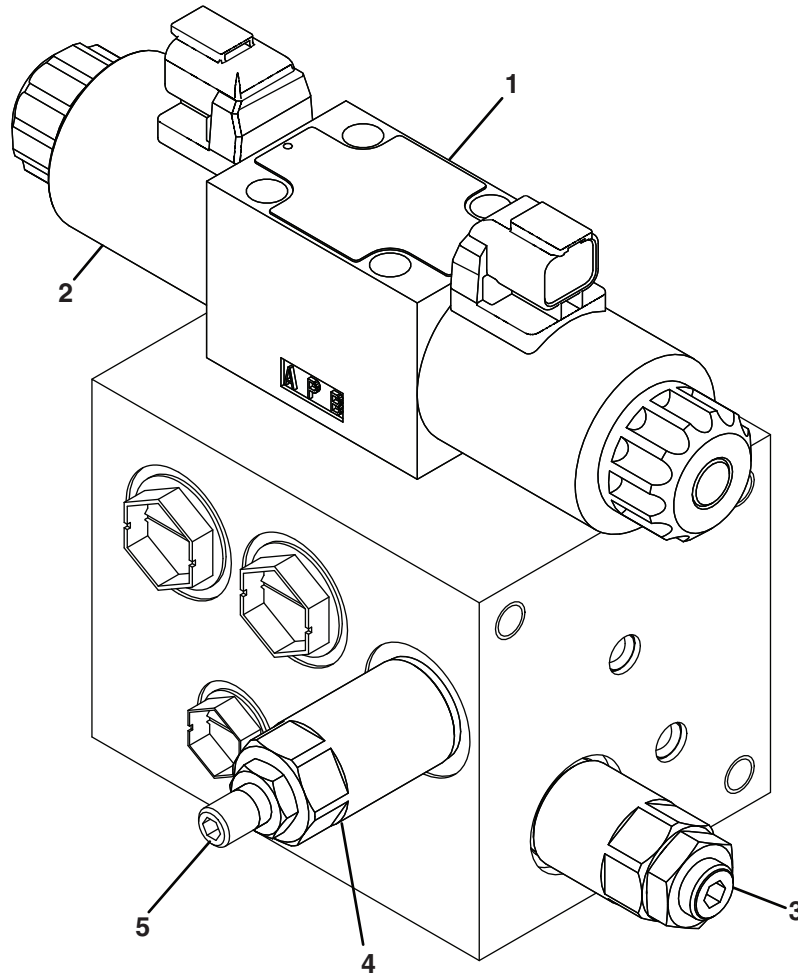


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	N/S	1	Body	REFERENCE SOL1, SOL2, SOL13, SOL14, SOL15, SOL16, See 70.1
2	4136814	6	Nut, D03 Coil	
3	4135552	6	Coil, D03 Solenoid	
4	4136815	3	Valve, D03 Solenoid	
	339909	4	• O-Ring	
5	5003080	3	Valve, Flow Control	
	5003579	1	• Seal Kit	
6	5001065	2	Plug, -6 ORB Port	
7	4105980	3	Knob, Flow Control	
8	4143527	12	Bolt, D03 Service Short	

LIGHTWEIGHT FAIRWAY MOWER

65.1 Cutting Control Valve

Part No 10014818



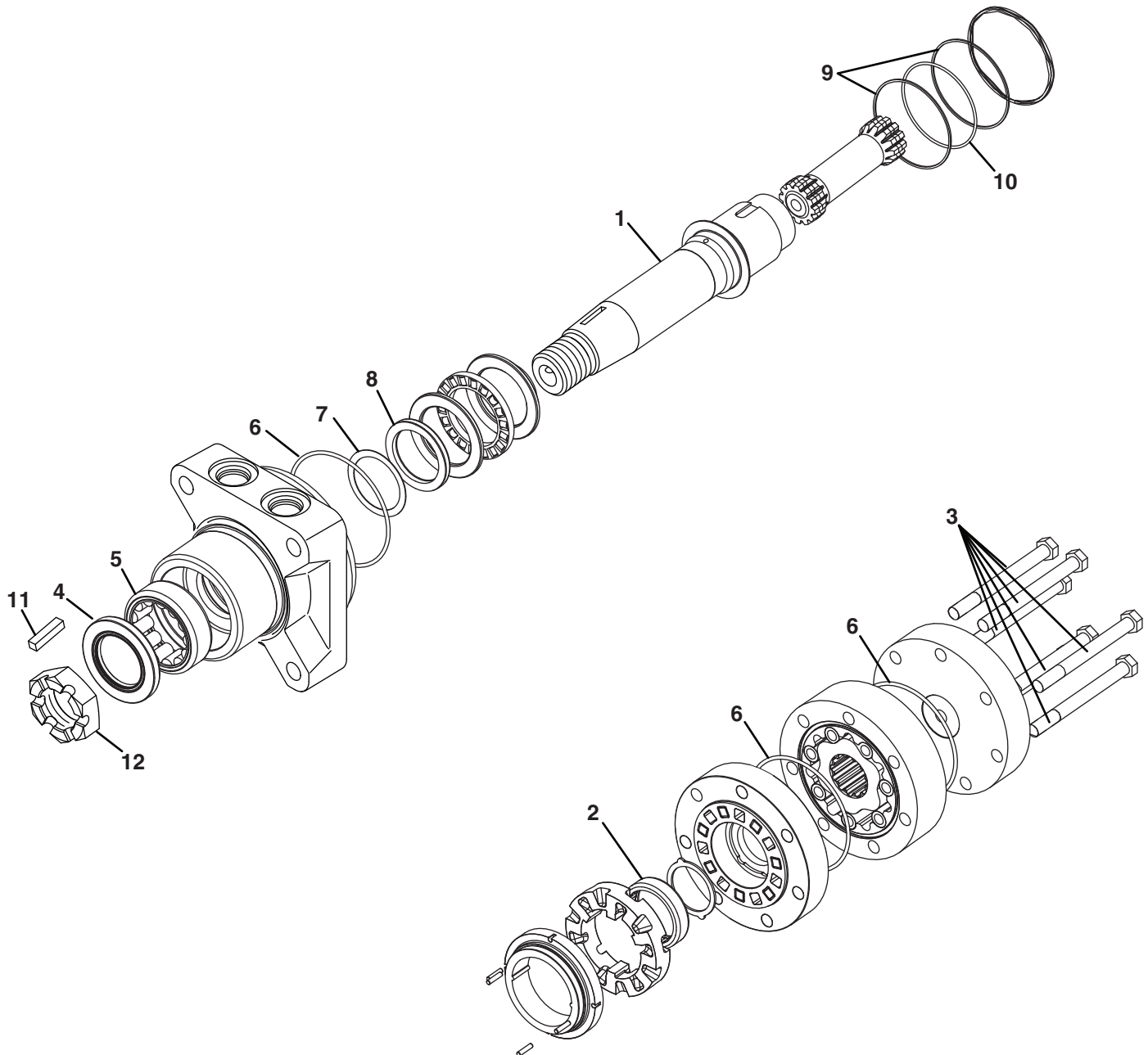
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	10056090	1	4/3 Directional Control Valve	
	10058430	1	• Gasket Kit	
2	10059171	1	• Coil	
3	10056091	1	Pressure Relief Valve	
	10032458	1	• Gasket Kit	
4	10056093	1	Flow Control Valve	
	10059167		• Gasket Kit	
5	UK450980	1	• Hex Socket Set Screw, 1.5 x 20	

LIGHTWEIGHT FAIRWAY MOWER

66.1 Rear Wheel Motor

Part No 4322946



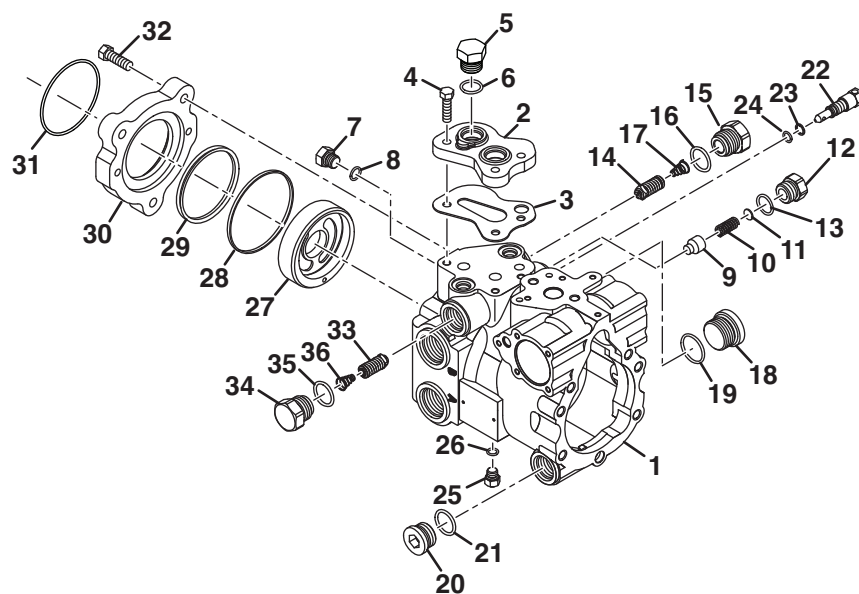
LIGHTWEIGHT FAIRWAY MOWER

Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	4304405	1	Output Shaft	
2	4304407	1	Bearing	
3	4304408	7	Screw, Hex Head	
	4304409	1	Seal Kit	
4	N/S	1	• Grease Seal	
5	N/S	1	• Bearing Shell	
6	N/S	3	• O-Ring	
7	N/S	1	• Back-Up Washer	
8	N/S	1	• Shaft Seal	
9	N/S	2	• Back-Up Ring	
10	N/S	1	• O-Ring	
11	554780	1	Key	
12	554779	1	Nut, 1-20 Hex Castle	

LIGHTWEIGHT FAIRWAY MOWER

67.1 Traction Pump (Rear Half)

Part No 4359966



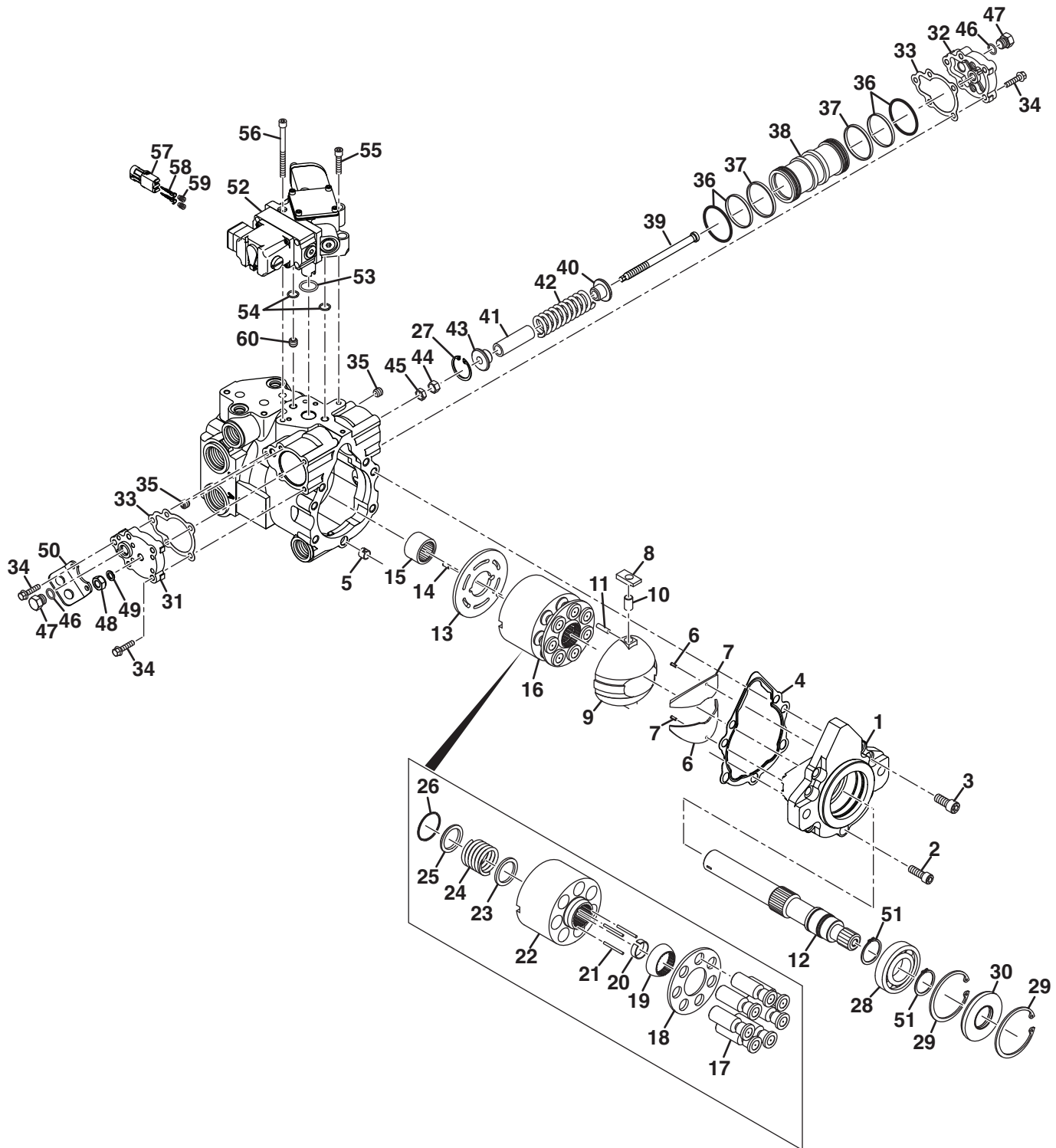
LIGHTWEIGHT FAIRWAY MOWER

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	N/S	1	Plug, 7/8-14 (ORB-10)	
6	339899	1	O-Ring, -10 ORB	
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	1	Relief Valve, 3625 psi	
15	N/S	1	• Plug, Relief Valve 1-1/16-12	Torque to 130 ft. lb. (176 Nm)
● 16	339900	1	• O-Ring, -12 ORB	
17	N/S	1	• Spring	
18	N/S	1	Plug	
19	N/S	1	• O-Ring	
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	
30	N/S	1	Flange, Rear Mounting	
● 31	362743	1	O-Ring Seal	
32	N/S	3	Screw, 3/8 x 1" Hex Head	Torque to 32 ft. lb. (43 Nm)
33	5003434	1	Relief Valve, 3625 psi	
34	N/S	1	• Plug, Relief Valve 1-1/16-12	Torque to 130 ft. lb. (176 Nm)
● 35	339900	1	• O-Ring, -12 ORB	
36	N/S	1	• Spring	
●	5003034	1	Seal Kit	Includes Items marked ●

LIGHTWEIGHT FAIRWAY MOWER

68.1 Traction Pump (Front Half)

Part Number 4359966



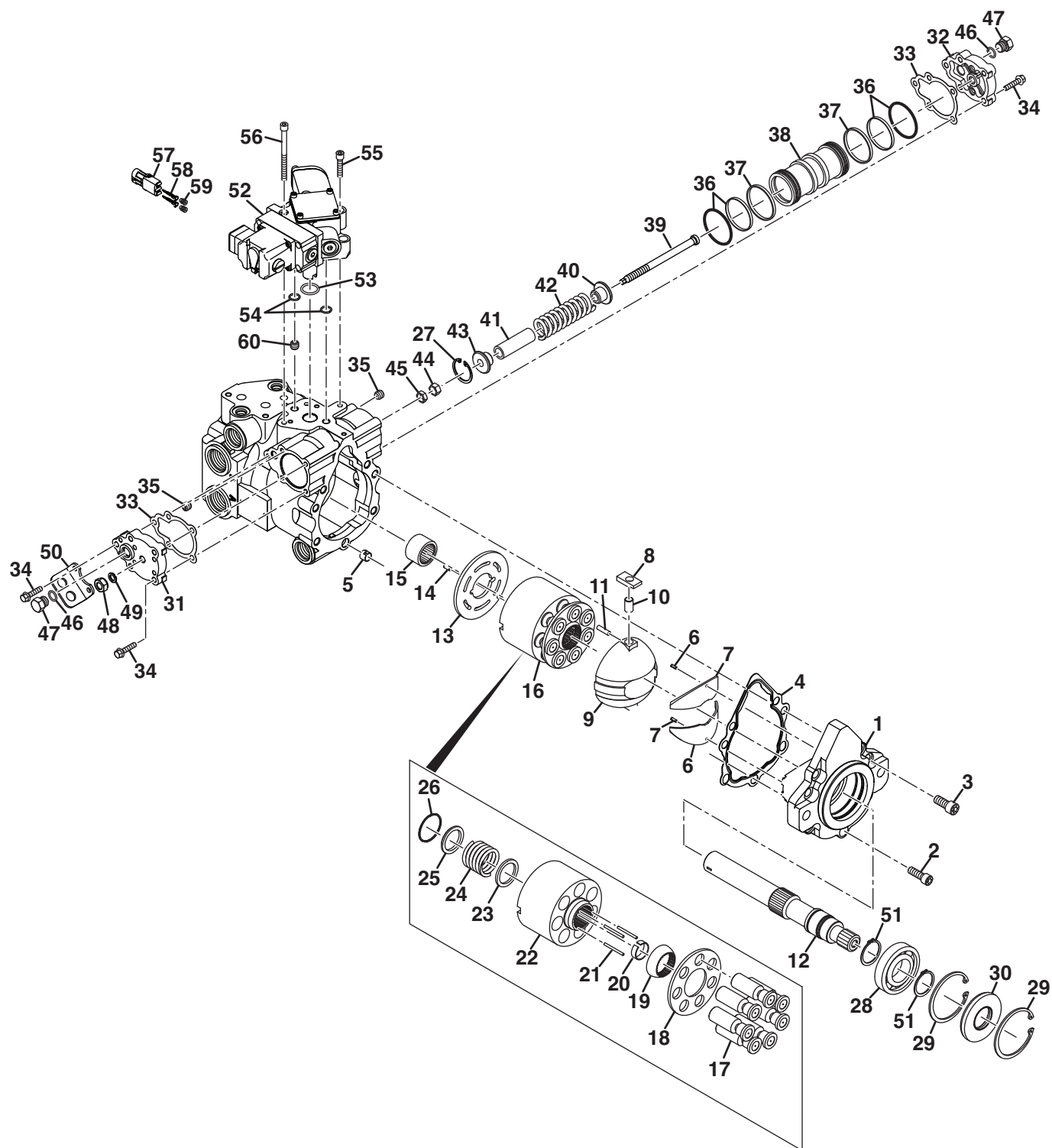
LIGHTWEIGHT FAIRWAY MOWER

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	
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	4134609	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	Torque to 11 ft. lb. (15 Nm)
35	N/S	2	Plug, Orifice	
● 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.				

LIGHTWEIGHT FAIRWAY MOWER

68.1 Traction Pump (Front Half Continued)

Part Number 4359966



LIGHTWEIGHT FAIRWAY MOWER

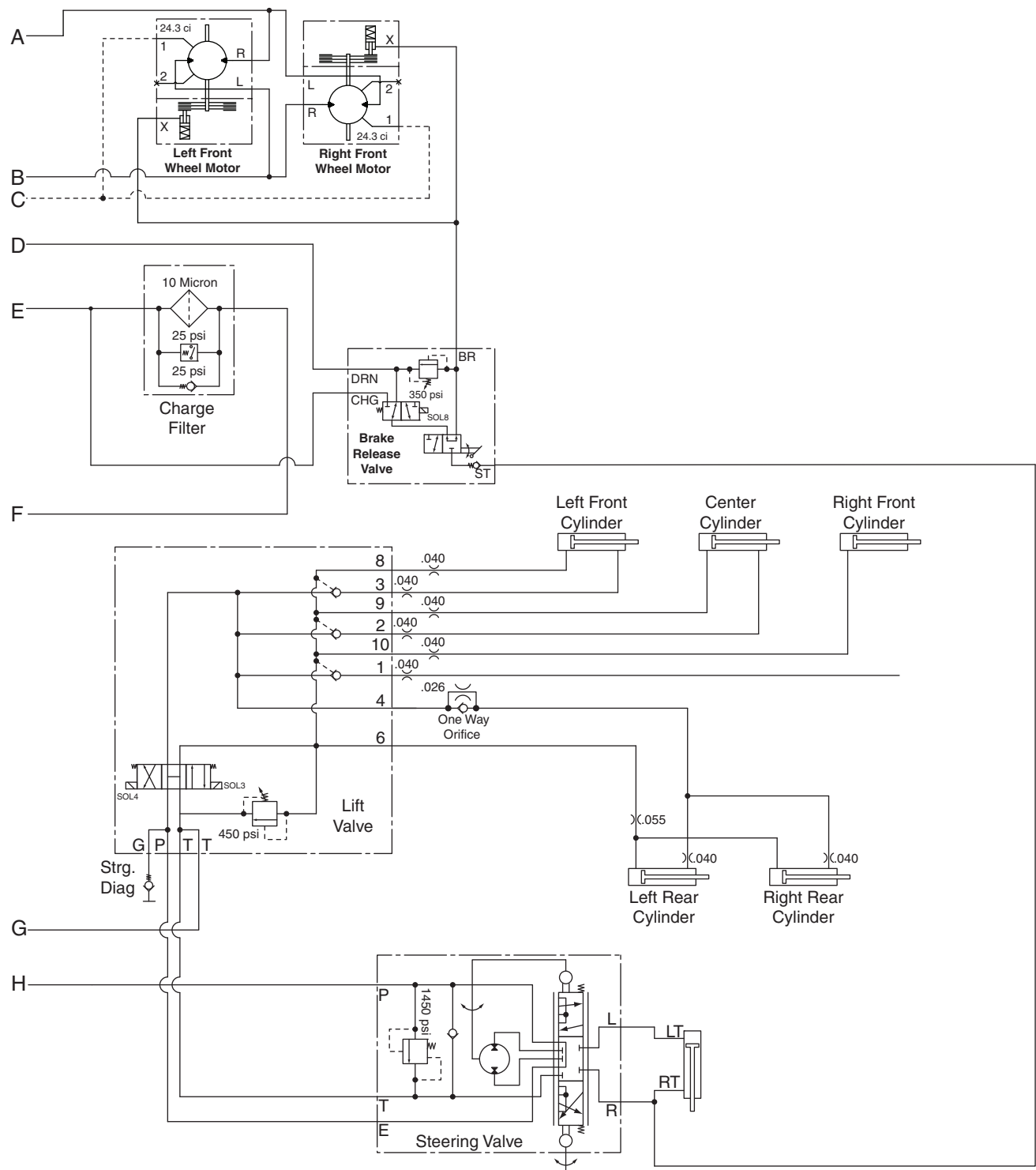
Item	Part No.	Qty.	Description	Serial Numbers/Notes
42	N/S	1	Spring, Servo	
43	N/S	1	Guide, Spring	
44	N/S	1	Nut, 3/8 Hex	
45	N/S	1	Nut, 3/8 Hex Jam	
● 46	339897	2	O-Ring, -6 ORB	
47	N/S	2	Plug, 9/16-18 (-6 ORB)	
48	N/S	1	Nut, 3/8 Hex	
49	N/S	1	Seal, Rod	
50	N/S	1	Bracket, Lifting	
51	4134620	2	Ring	
52	4224140	1	EDC Kit	
● 53	4224180	1	O-Ring	
● 54	4224181	2	O-Ring	
55	N/S	2	Screw, 1/4 x 1" Socket Head	
56	N/S	2	Screw, 1/4 x 2-1/2" Socket Head	
57	4229220	1	Connector, 2 Terminal Weather Pack	
58	4229221	2	Pin, Male Weather Pack	
59	4229222	2	Seal, Wire	
60	N/S	1	Plug, Orifice	
●	5003034	1	Seal Kit	Includes Items marked ●

2WD 5 Gang Schematic



69.1 Hydraulic Schematic

2WD 5 Gang Schematic (Continued)

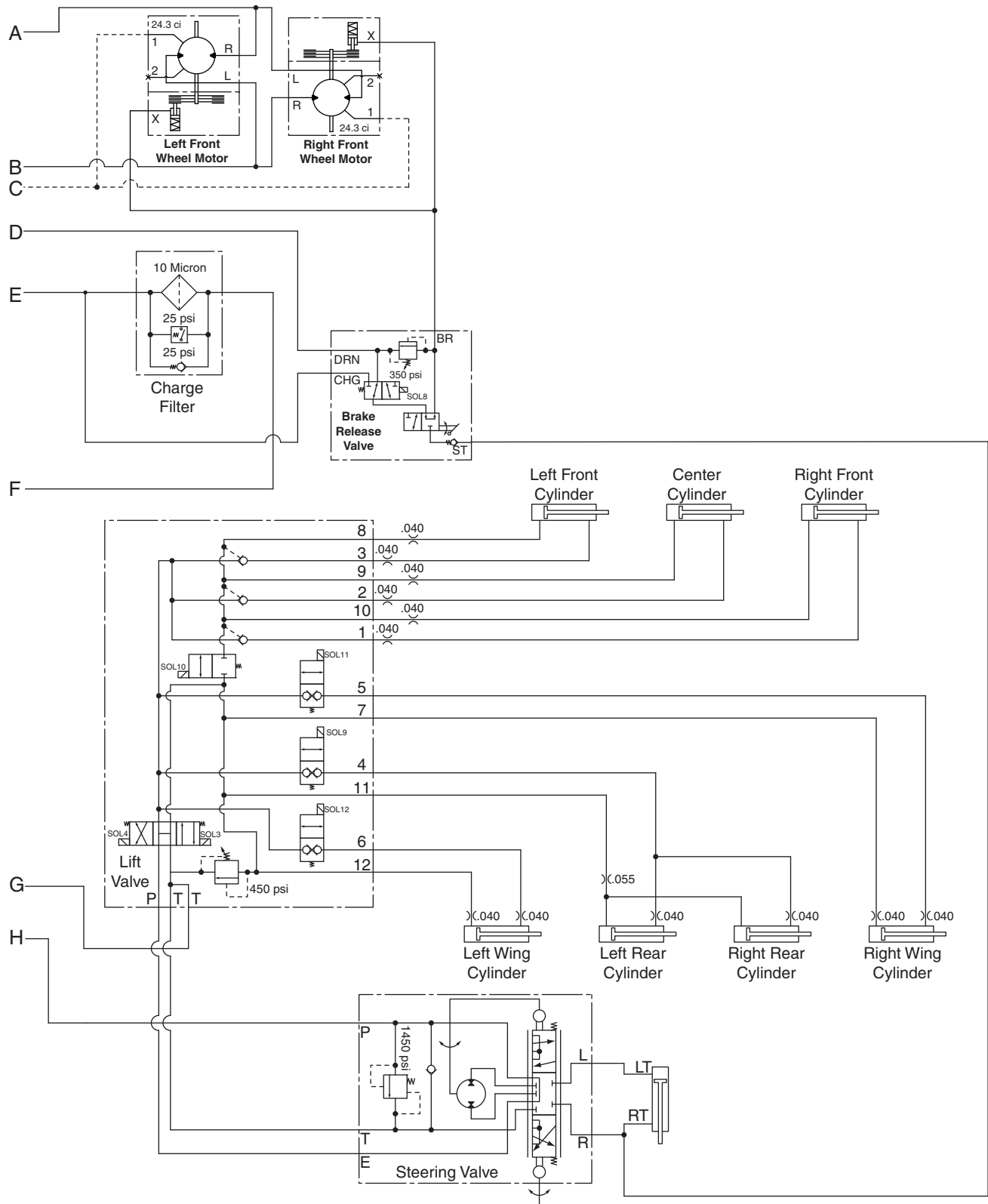


2WD 7 Gang Schematic



69.1 Hydraulic Schematic

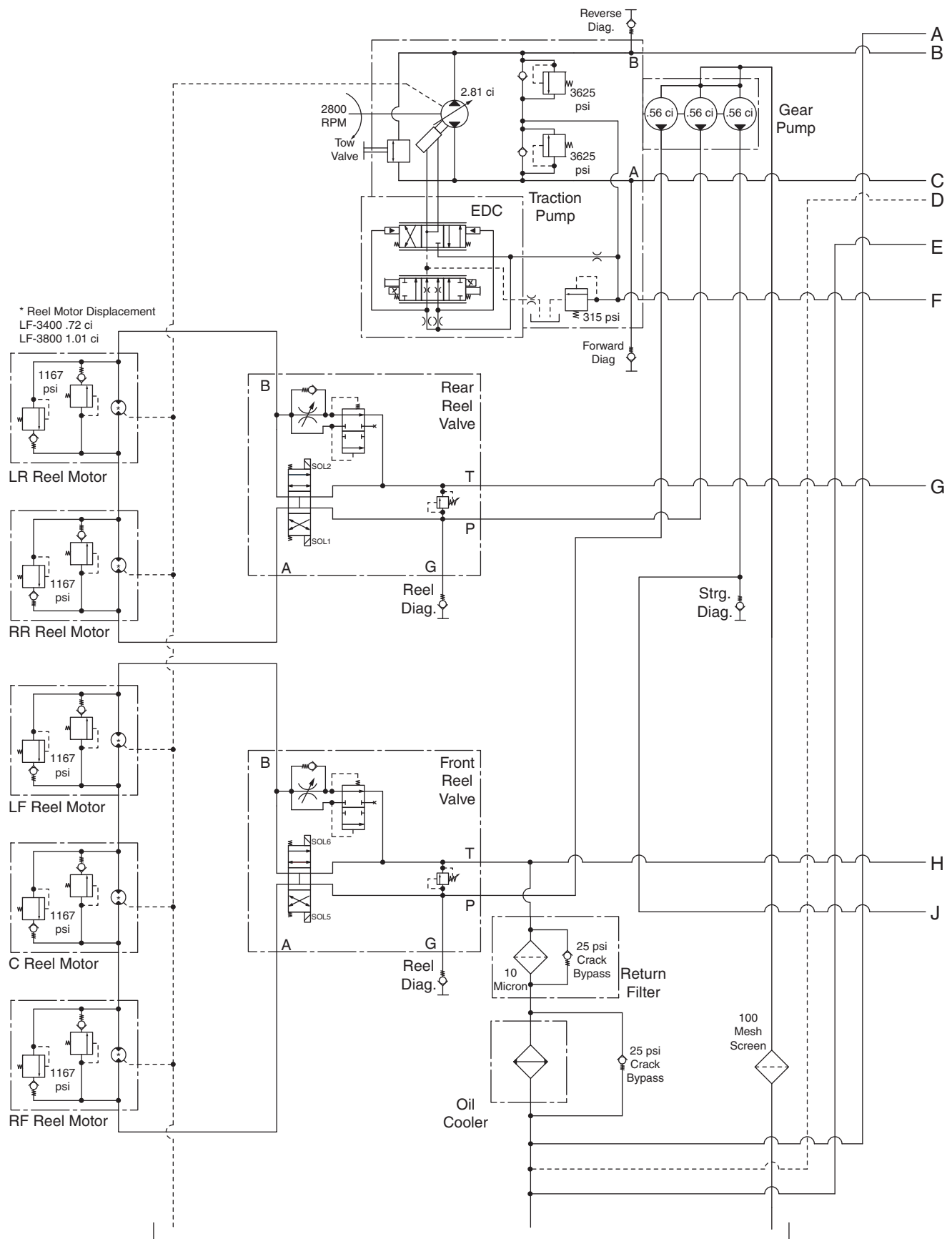
2WD 7 Gang Schematic (Continued)



LIGHTWEIGHT FAIRWAY MOWER

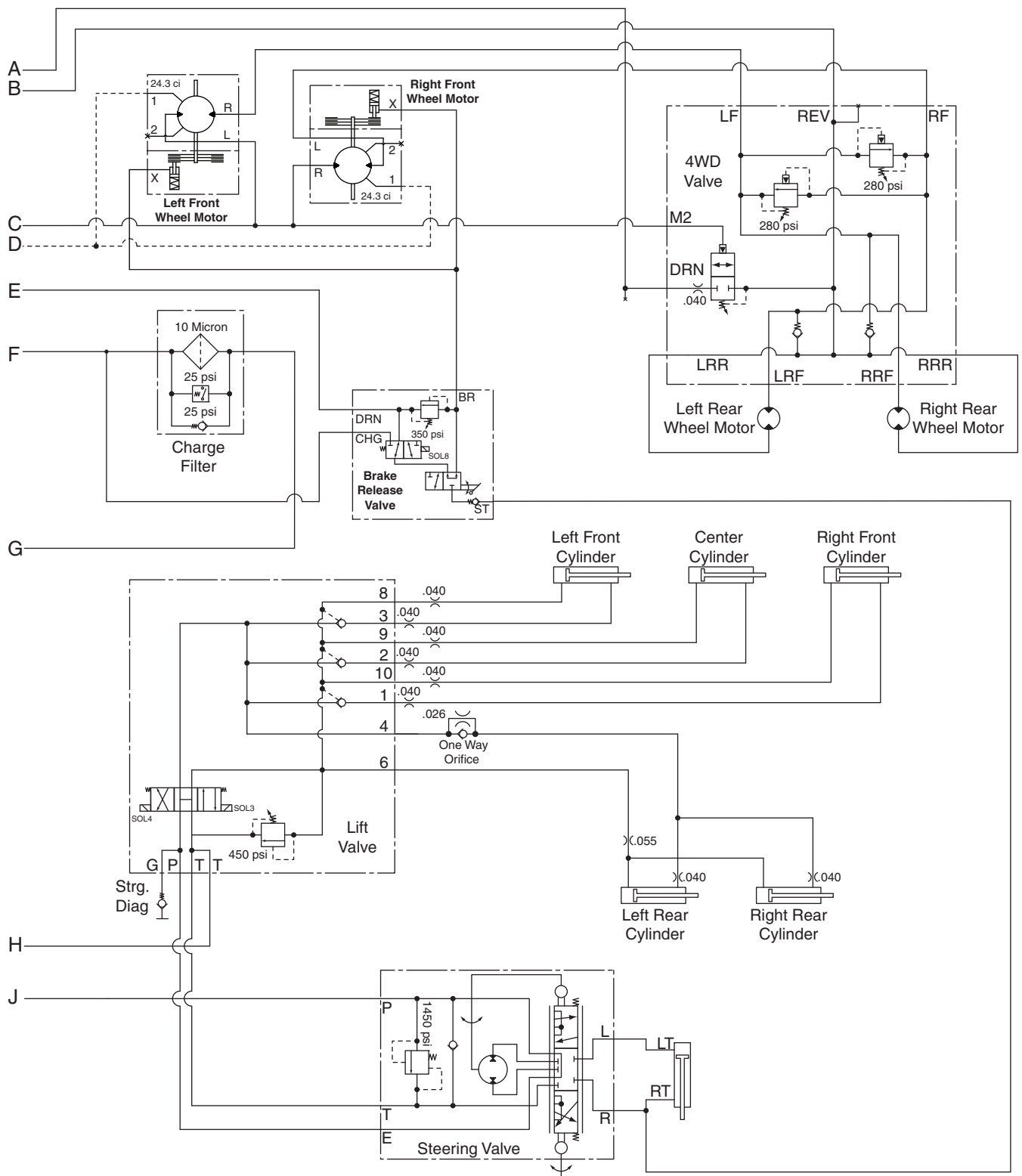
69.1 Hydraulic Schematic

4WD 5 Gang Schematic



69.1 Hydraulic Schematic

4WD 5 Gang Schematic (Continued)

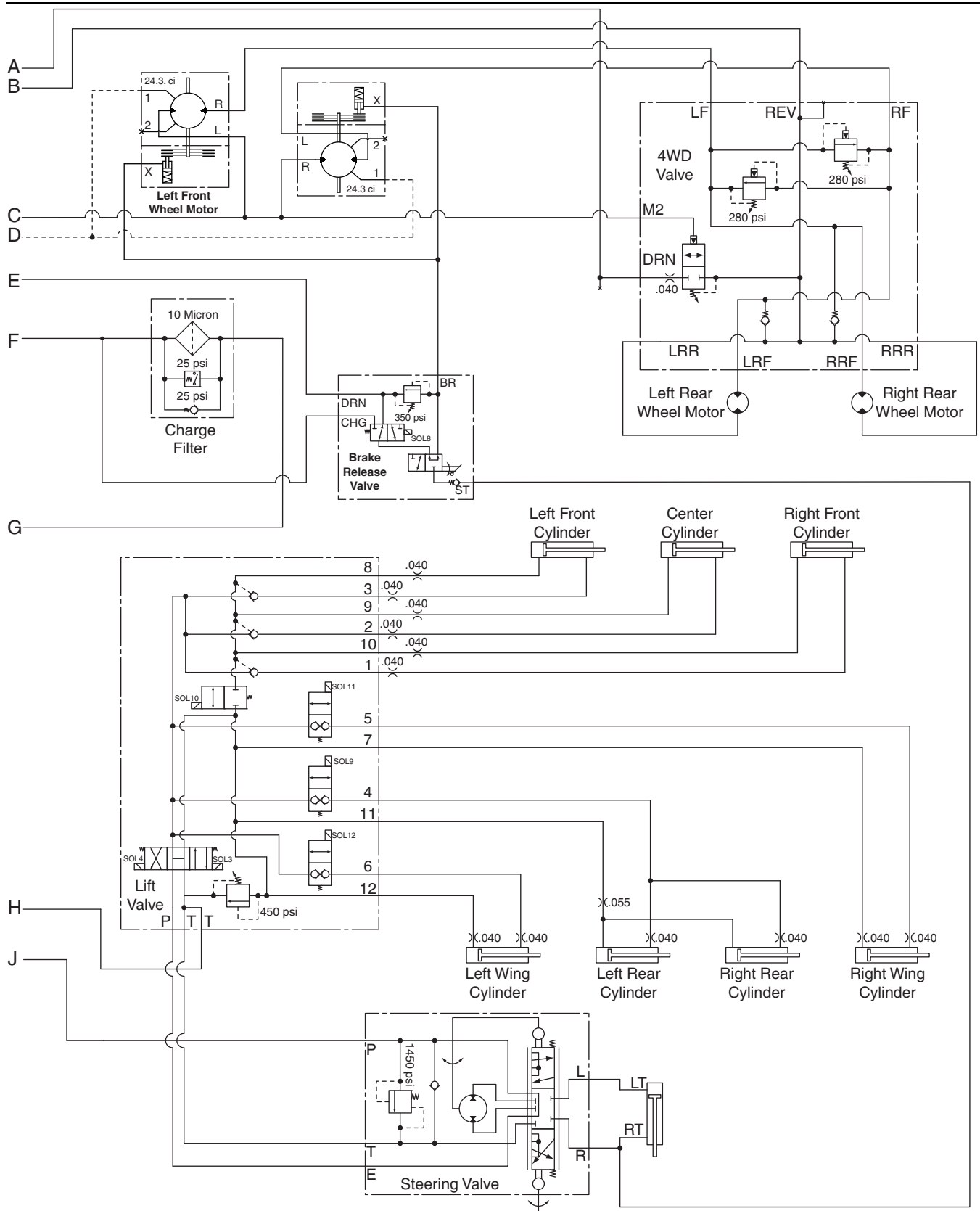


4WD 7 Gang Schematic



69.1 Hydraulic Schematic

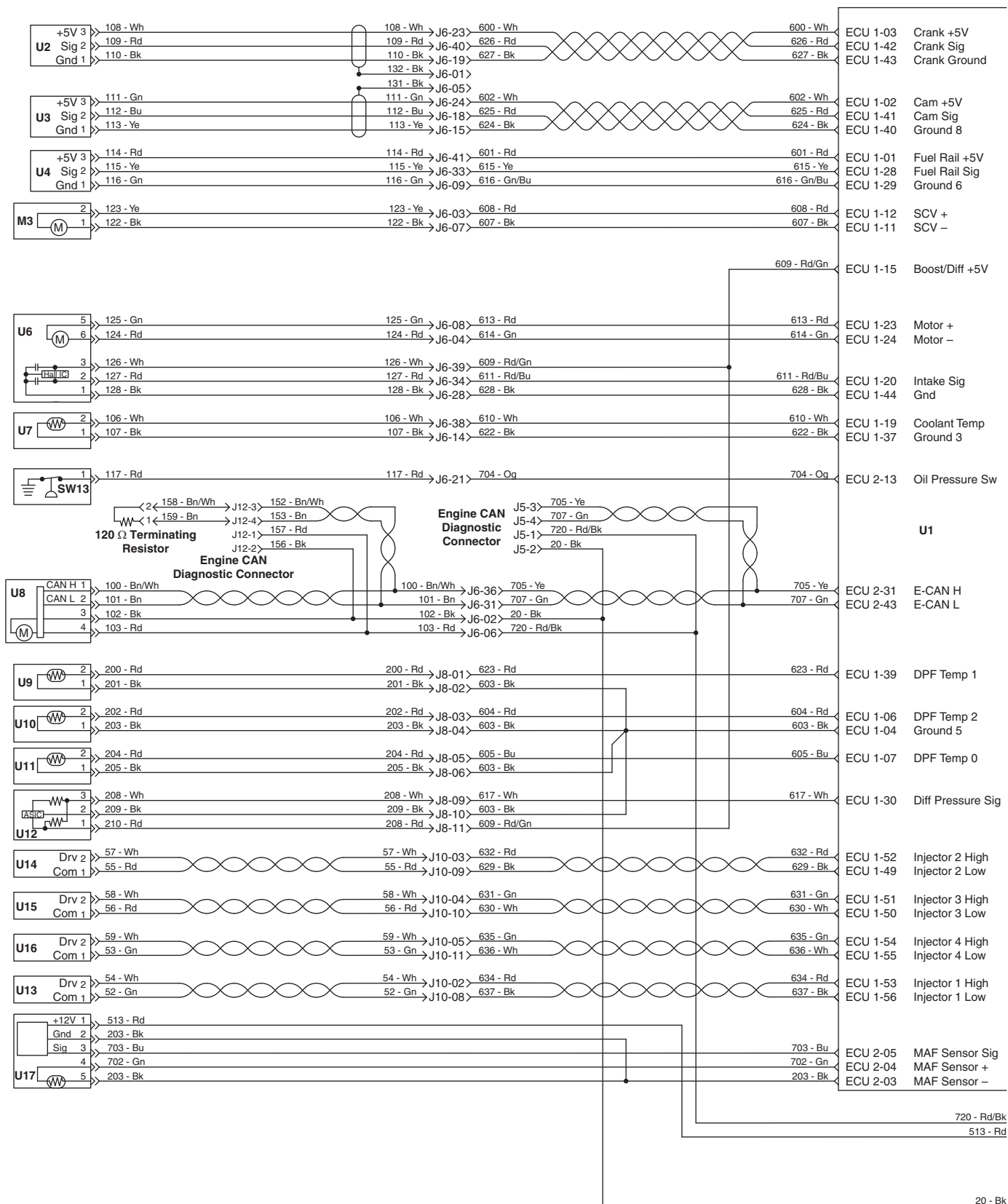
4WD 7 Gang Schematic (Continued)



LIGHTWEIGHT FAIRWAY MOWER

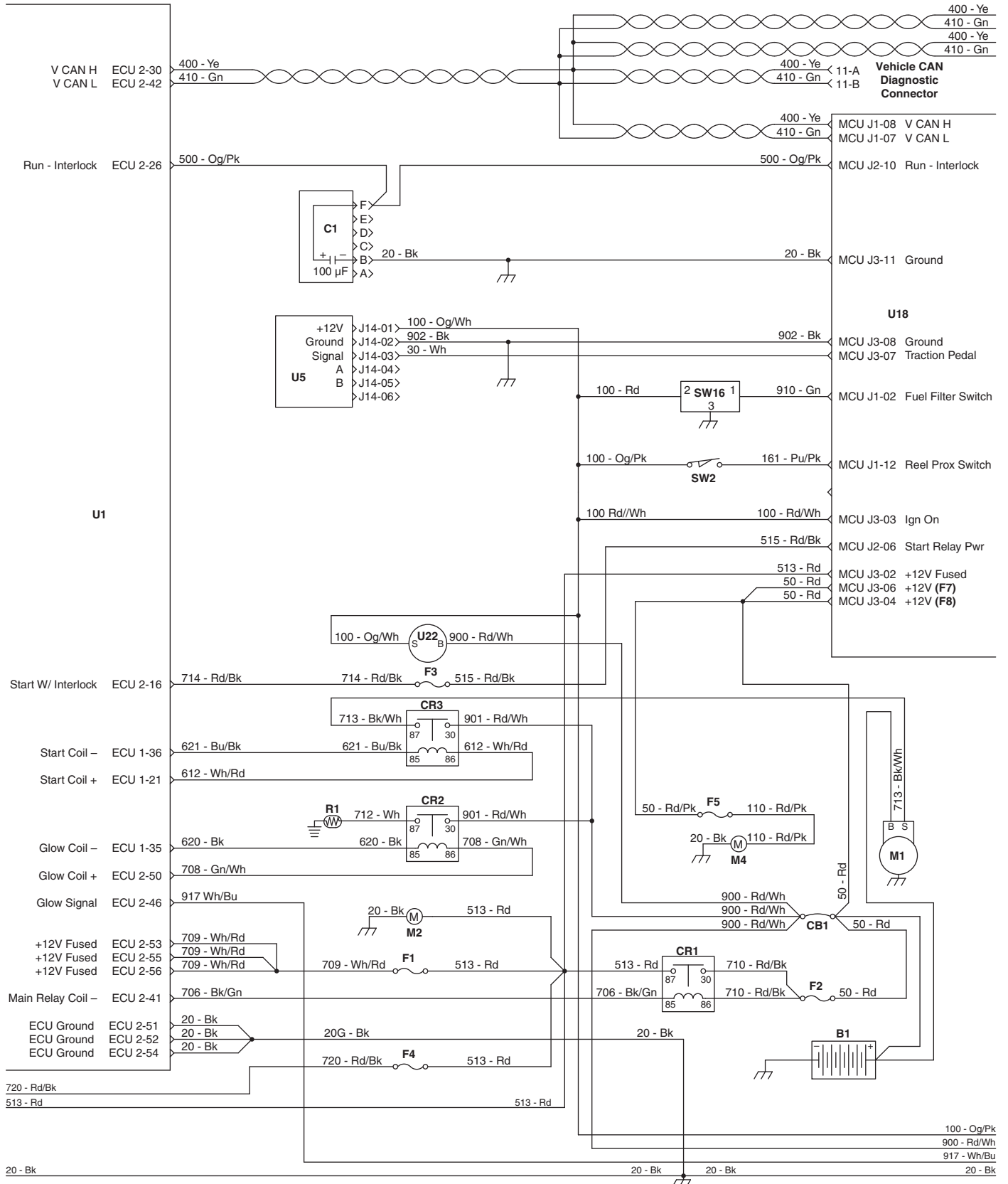
70.1 Electrical Schematic

Tier 4 Final / Stage 5 Engine Controller



70.1 Electrical Schematic

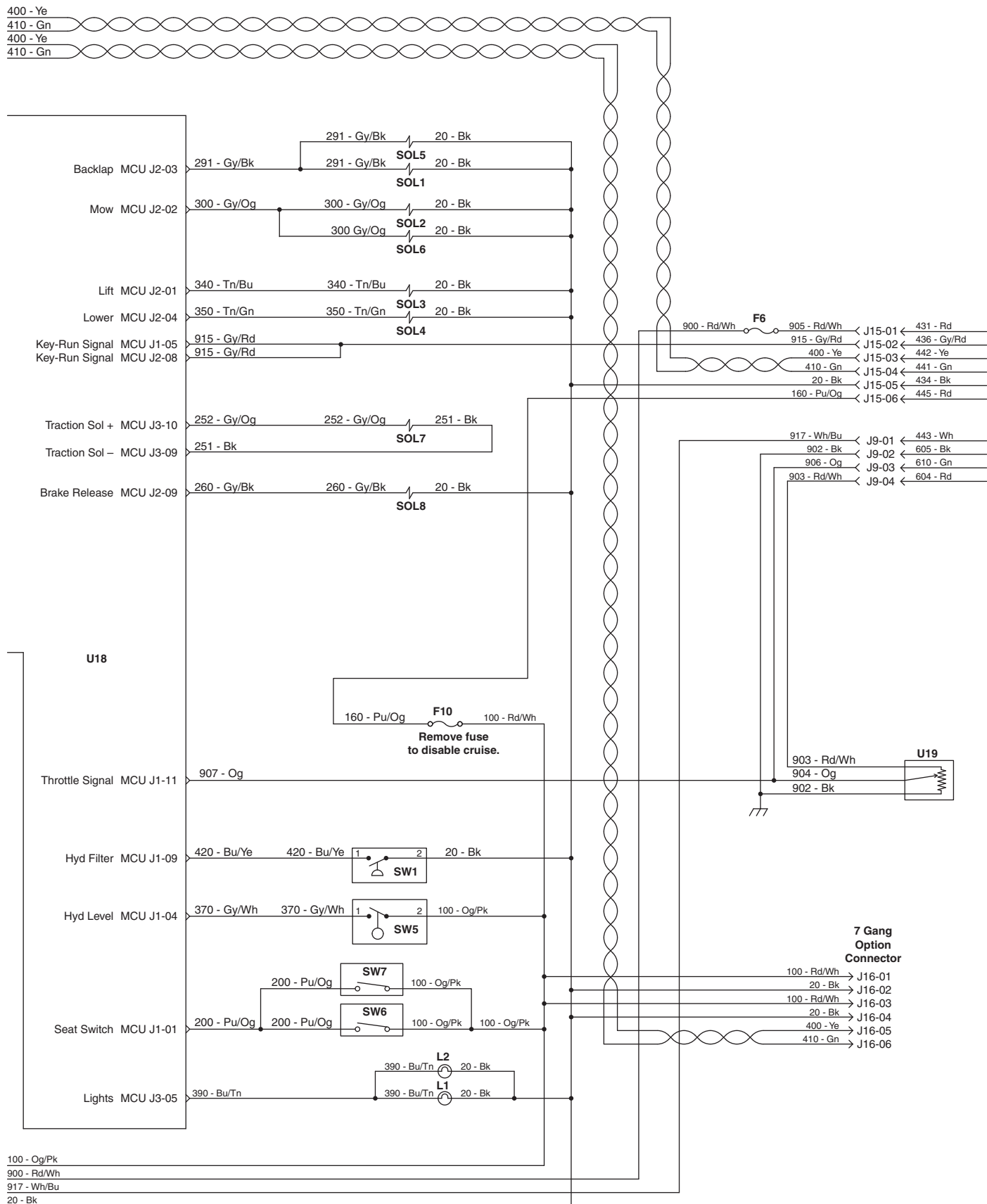
Tier 4 Final / Stage 5 Power Distribution, Engine to Mower Controller Connections



LIGHTWEIGHT FAIRWAY MOWER

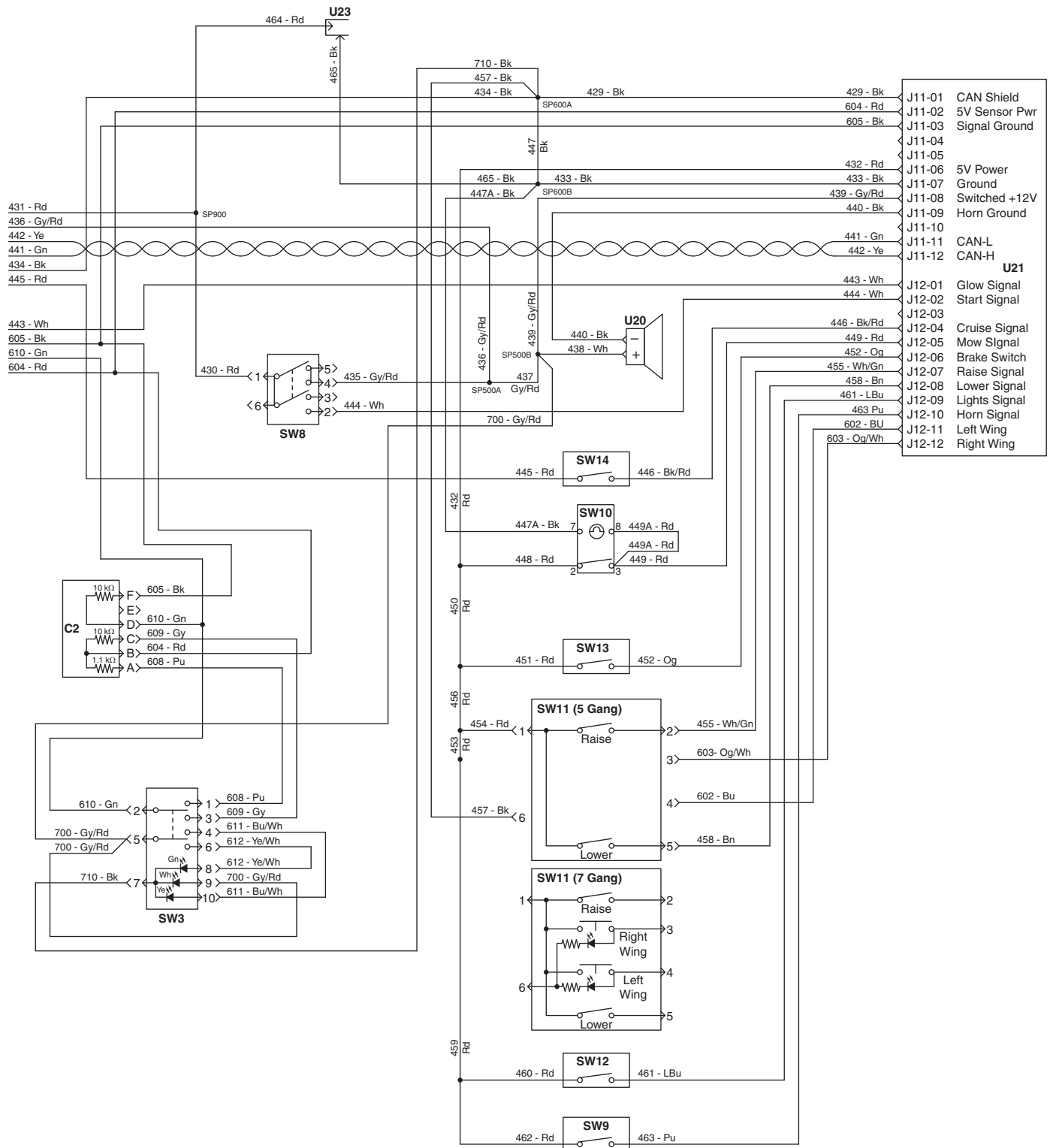
70.1 Electrical Schematic

Tier 4 Final / Stage 5 Solenoid Schematic



70.1 Electrical Schematic

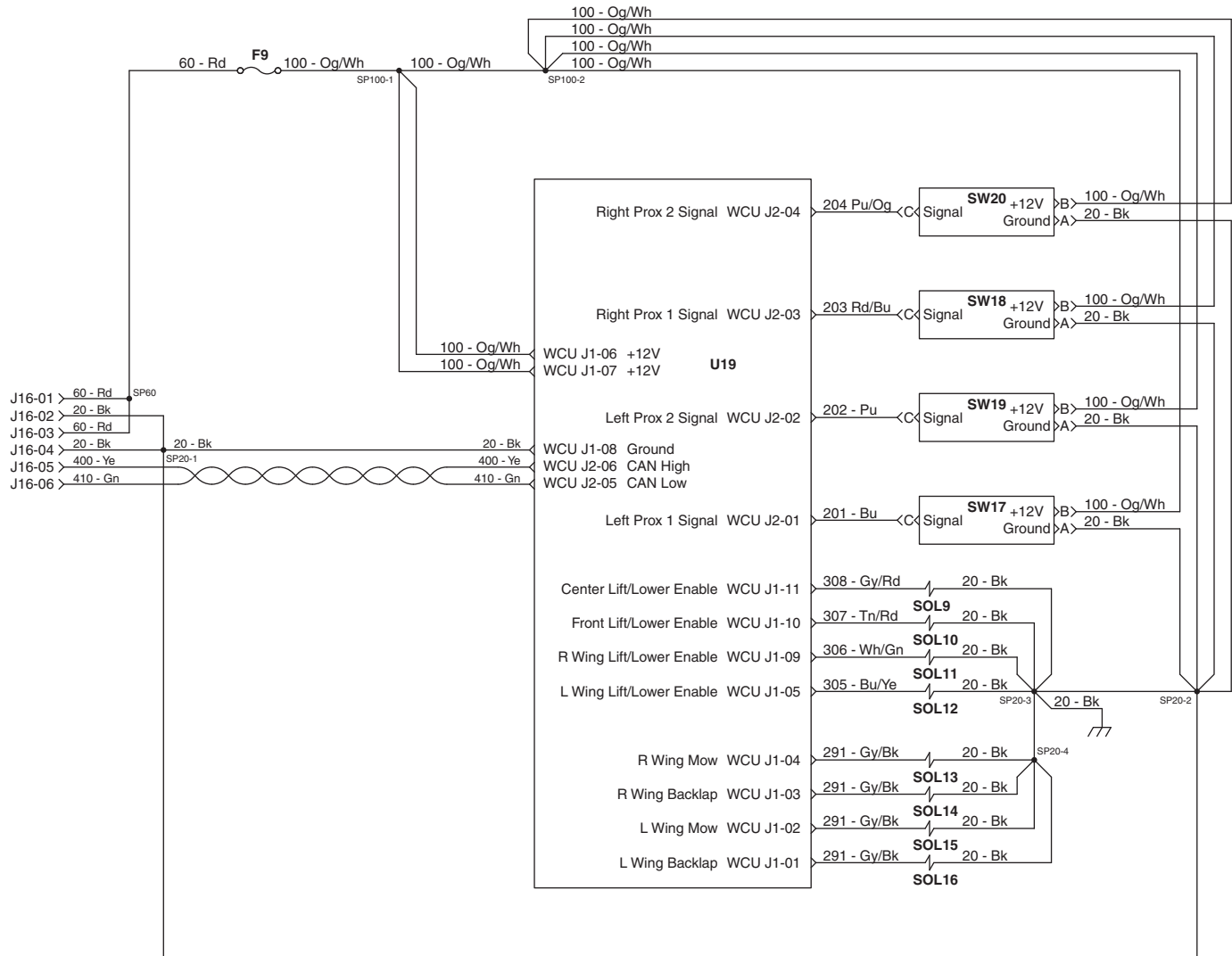
Tier 4 Final / Stage 5 LDU Schematic



LIGHTWEIGHT FAIRWAY MOWER

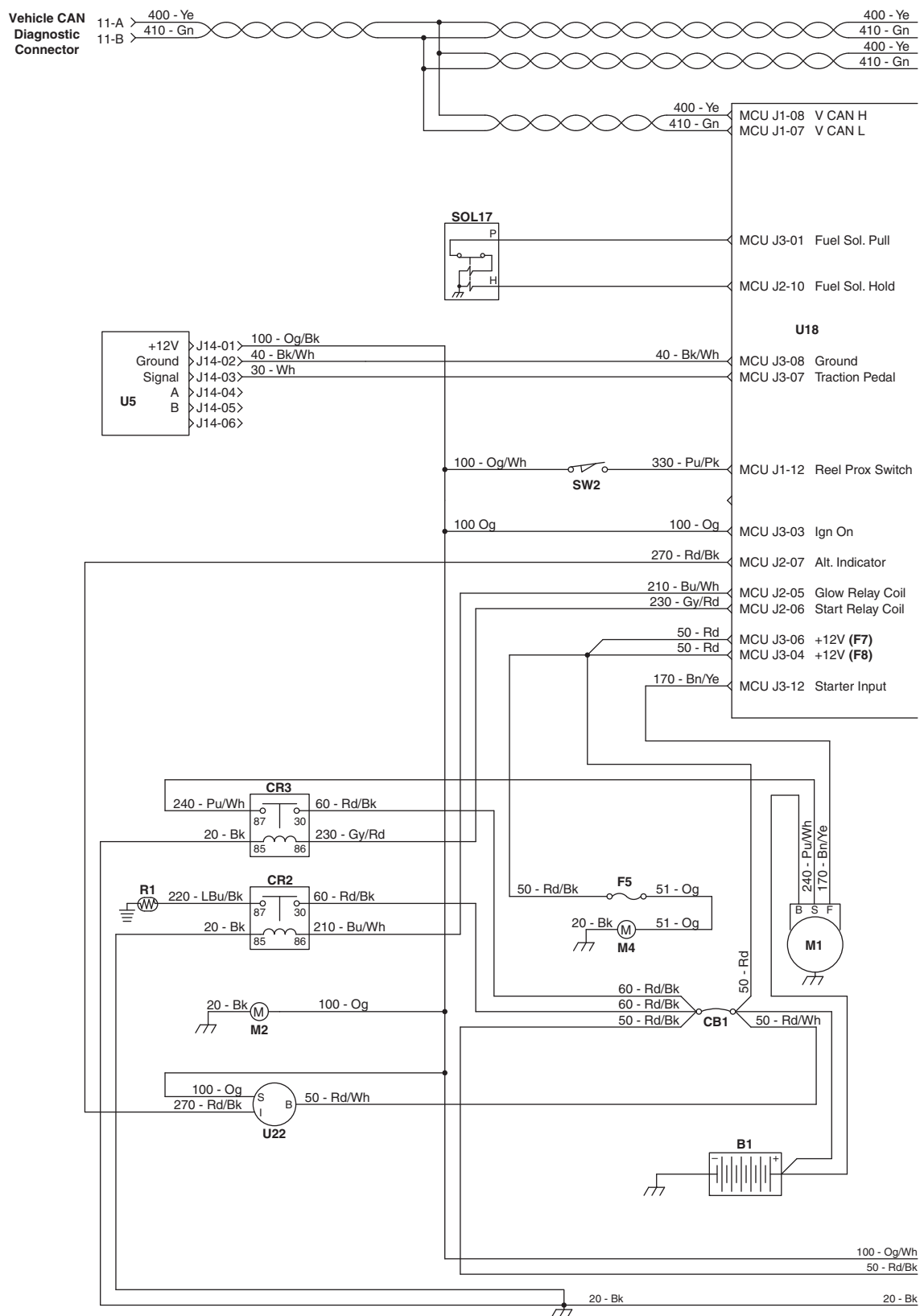
70.1 Electrical Schematic

Tier 4 Interim and Tier 4 Final / Stage 5 with 7 Gang Option



70.1 Electrical Schematic

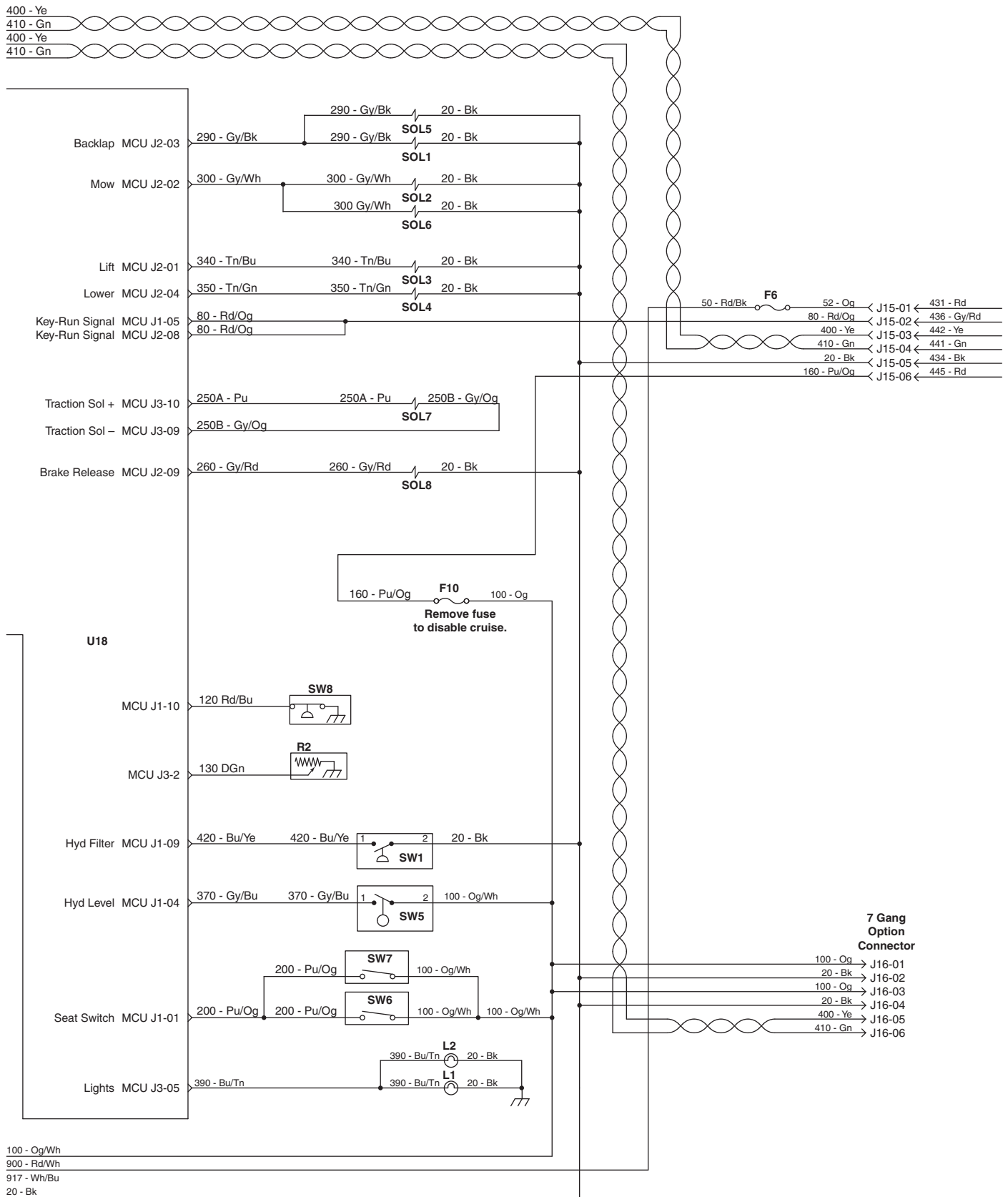
Tier 4 Interim Power Distribution



LIGHTWEIGHT FAIRWAY MOWER

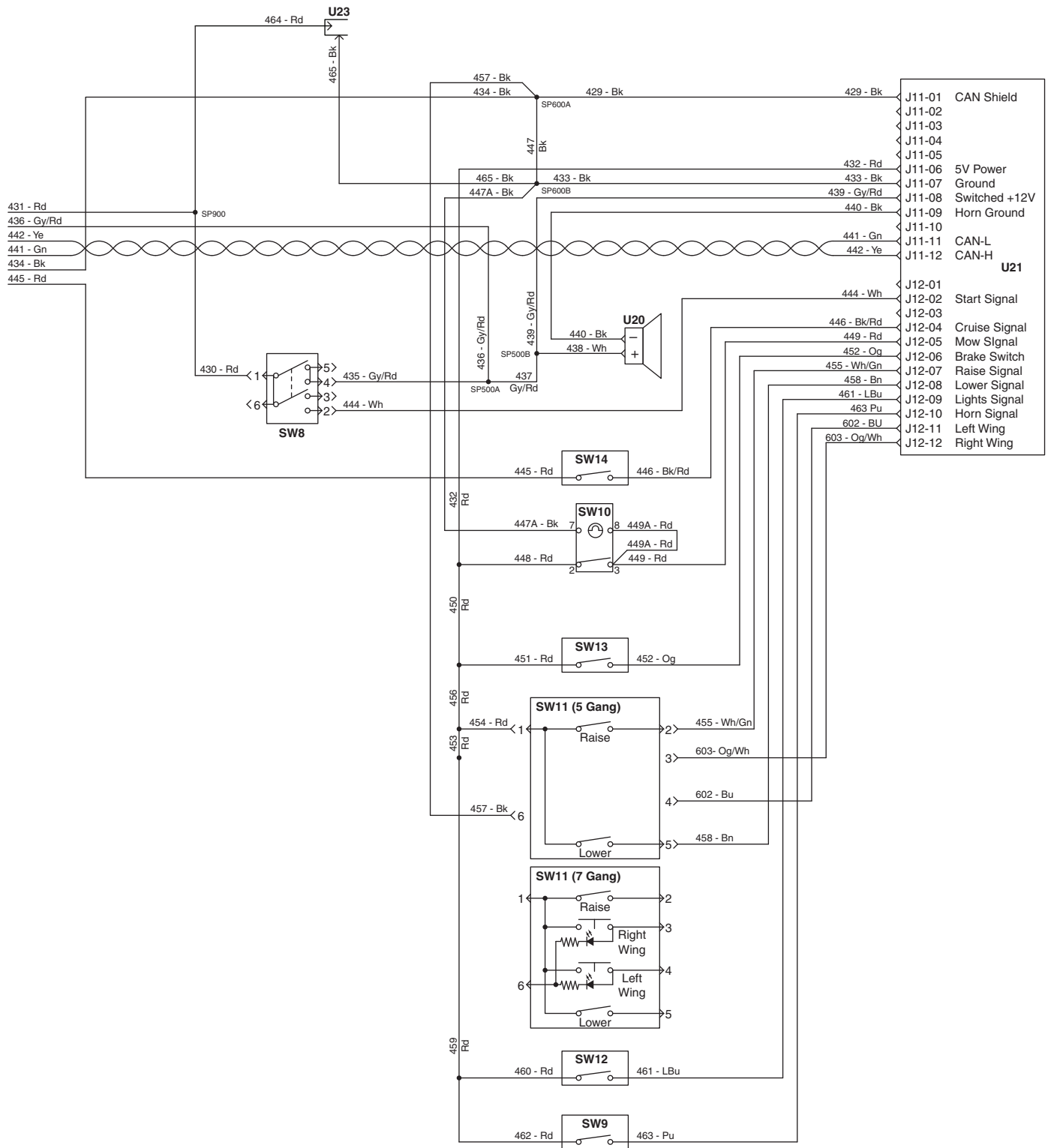
70.1 Electrical Schematic

Tier 4 Interim Solenoid Schematic



70.1 Electrical Schematic

Tier 4 Interim LDU Schematic



LIGHTWEIGHT FAIRWAY MOWER

Item	Reference Illustration	Part Number	Description	Serial Numbers/Notes
B1		NS	Battery	
C1	See 48.1	4293091	Board, 100 μ F 16V Capacitor	Included in Mower Harness
C2		4341395	Board, Adaptive Throttle Resistor	Included in T4F/S5 LDU Harness
CB1	See 48.1	361439	50 Amp Circuit Breaker (Alternator)	
CR1	See 48.1	4193880	Main Power Relay	
CR2	See 48.1	4193880	Glow Plug Relay	
CR3	See 48.1	4193880	Starter Relay	
F1	See 48.1	5003280	10 Amp Fuse	T4F/S5 Only, Included in Harness
F2	See 48.1	5003283	25 Amp Fuse	T4F/S5 Only, Included in Harness
F3	See 48.1	5003278	5 Amp Fuse	T4F/S5 Only, Included in Harness
F4	See 48.1	5003278	5 Amp Fuse	T4F/S5 Only, Included in Harness
F5	See 48.1	4312246	15 Amp Mini Fuse	Included in Harness
F6	See 48.1	4312213	10 Amp Mini Fuse	Included in Harness
F7	See 48.1	5003282	20 Amp Fuse	Included in Mower Controller
F8	See 48.1	5003282	20 Amp Fuse	Included in Mower Controller
F9		5003282	20 Amp Fuse	Included in 7 Gang Harness
F10	See 48.1		2 Amp Mini Fuse	Included in Harness
L1	See 48.1	4123183	Left Headlight Bulb	
L2	See 48.1	4123183	Right Headlight Bulb	
M1	Not Shown	4198229	Starter Motor	Included in Engine
M2	See 18.1	4272290	Fuel Pump	
M3	Not Shown	4297196	Supply Pump	Included in Engine
M4			Air Ride Seat Compressor	Optional Grammer Seat
R1	Not Shown	4289844	Glow Plug	Included in Engine
SOL1	See 58.1	4200060	Rear Backlap Solenoid	
SOL2	See 58.1	4135552	Rear Mow Solenoid	
SOL3	See 61.1	4135552	Lift Solenoid	
SOL4	See 61.1	4135552	Lower Solenoid	
SOL5	See 58.1	4200060	Front Backlap Solenoid	
SOL6	See 58.1	4135552	Front Mow Solenoid	
SOL7		4224140	Traction Pump EDC Solenoid	
SOL8	See 57.1	10017443	Brake Solenoid	
SOL9	See 63.1	4134530	Center Lift/Lower Enable Solenoid	
SOL10	See 63.1	4134532	Front Lift/Lower Enable Solenoid	
SOL11	See 63.1	4134530	R Wing Lift/Lower Enable Solenoid	
SOL12	See 63.1	4134530	L Wing Lift/Lower Enable Solenoid	
SOL13	See 64.1	4135552	R Wing Mow Solenoid	
SOL14	See 64.1	4135552	R Wing Backlap Solenoid	
SOL15	See 64.1	4135552	L Wing Mow Solenoid	
SOL16	See 64.1	4135552	L Wing Backlap Solenoid	
SOL17	Not Shown		Fuel Solenoid (Included in Engine)	Tier 4 Interim Option Only
SW1		556419	Hydraulic Filter Switch	
SW2	See 46.1	4125831	Reel Proximity Switch	
SW3	See 6.1	4326362	Adaptive Throttle Rotary Switch	Tier 4 Final/Stage 5 Option Only

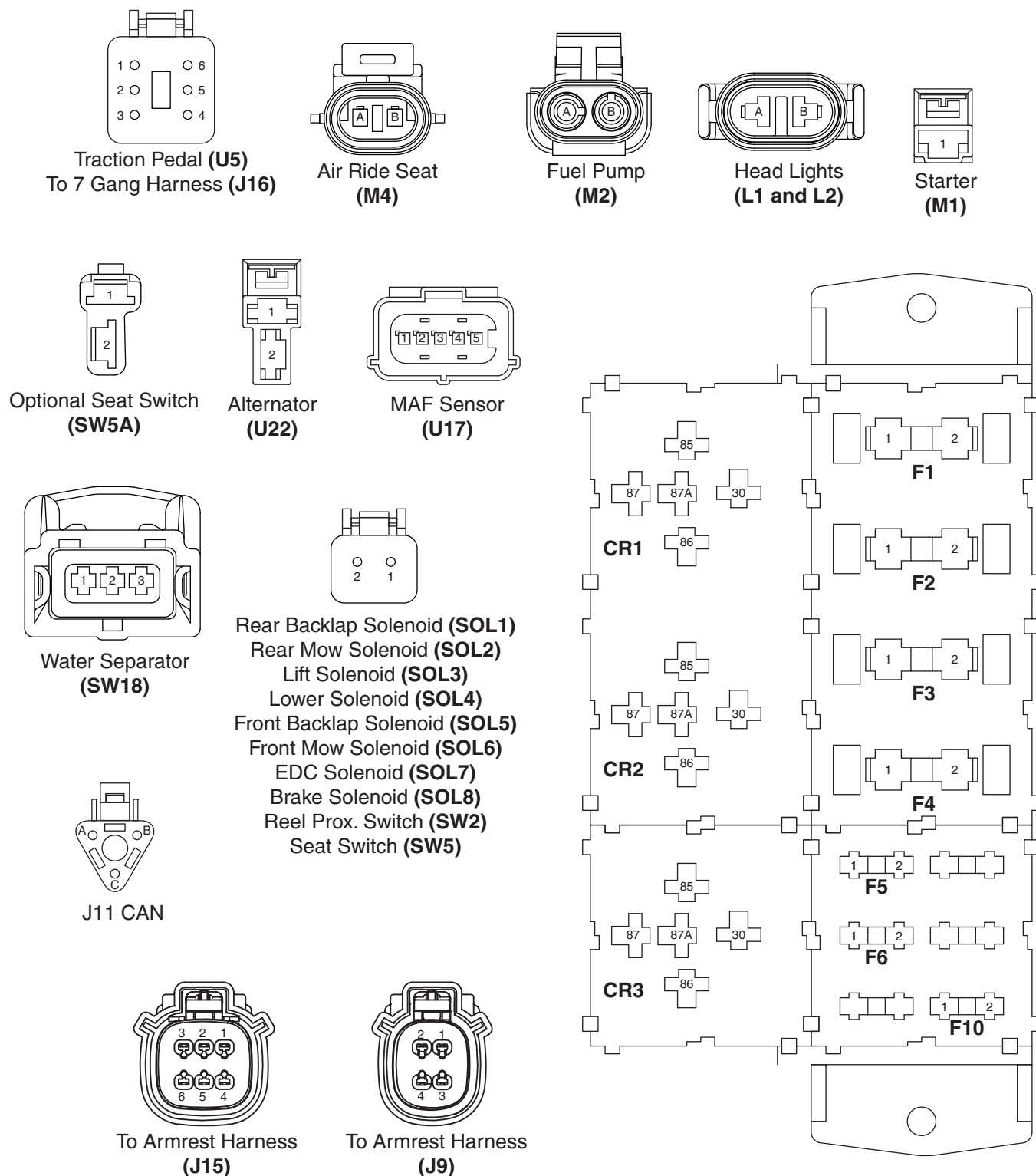
LIGHTWEIGHT FAIRWAY MOWER

Item	Reference Illustration	Part Number	Description	Serial Numbers/Notes
SW5	See 18.1	3001279	Hydraulic Level Switch	Standard Michigan Seat Optional Grammer Seat OFF- 1+6; 4+5 Run - 1+3+4+5+6 Start - 1+2+4+5+6
SW6	Not Shown	4139450	Seat Switch	
SW7	Not Shown	4297937	Seat Switch	
SW8	See 6.1	4283269	Ignition Switch	
SW9	See 6.1	4130133	Horn Switch	LF550 and LF570 Options LF557 and LF577 Options
SW10	See 6.1	4343926	Mow Switch	
SW11	See 6.1	4323427	Joystick, 5 Gang Mower	
SW11	See 6.1	4323428	Joystick, 7 Gang Mower	
SW12	See 6.1	4130132	Light Switch	T4F/S5, Included in Engine T4I, Included in Engine T4F/S5, Included in Engine
SW13	See 6.1	4130132	Parking Brake Switch	
SW14	See 6.1	4130132	Cruise Control Switch	
SW15	Not Shown	4306348	Engine Oil Pressure Switch	
SW15	Not Shown	554018	Engine Oil Pressure Switch	T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine
SW16	Not Shown	4297128	Water Separator Sensor	
SW17	See 47.1	4196920	Left Wing Proximity Switch #1	
SW18	See 47.1	4196920	Right Wing Proximity Switch #1	
SW19	See 47.1	4196920	Left Wing Proximity Switch #2	T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine
SW20	See 47.1	4196920	Right Wing Proximity Switch #2	
U1	See 48.1		Engine Controller (ECU)	
U2	Not Shown	4297158	Crankshaft Position Sensor	
U3	Not Shown	4297200	Camshaft Position Sensor	T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine
U4	Not Shown	4297197	Fuel Rail Pressure Sensor	
U5	See 7.1	4282078	Traction Pedal	
U6	Not Shown	4306353	Intake Throttle Valve	
U7	Not Shown	4251858	Coolant Temperature Sender	T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine
U8	Not Shown	4306357	EGR Valve	
U9	Not Shown	4297183	DPF Exhaust Temperature Sender 2	
U10	Not Shown	4297130	DPF Exhaust Temperature Sender 1	
U11	Not Shown	4297129	DPF Exhaust Temperature Sender 0	T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine
U12	Not Shown	4297132	Diff Pressure Sender	
U13	Not Shown	4297198	Injector, Cylinder 1	
U14	Not Shown	4297198	Injector, Cylinder 2	
U15	Not Shown	4297198	Injector, Cylinder 3	T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine T4F/S5, Included in Engine
U16	Not Shown	4297198	Injector, Cylinder 4	
U17	See 14.1	4297131	MAF Sensor (Mass Air Flow)	
U18	See 48.1	4304518	Mower Controller (MCU)	
U19	See 48.1	4329528	Wing Controller Unit (WCU)	LF557 and LF577 Options Included in Engine
U20	See 6.1	4150539	Horn	
U21	See 6.1	10076437	LDU Controller	
U22	Not Shown	5000938	Alternator	
U23	See 6.1	843942	12V Accessory Outlet	

LIGHTWEIGHT FAIRWAY MOWER

71.1 Connector Terminal Identification

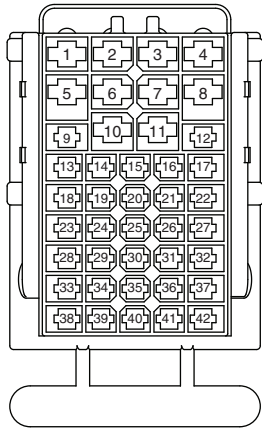
Tier 4 Final / Stage 5 Mower Harness 4326426



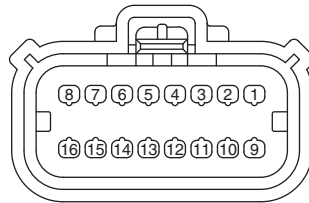
Terminal Identification is from open (Not Wire) end of connector

71.1 Connector Terminal Identification

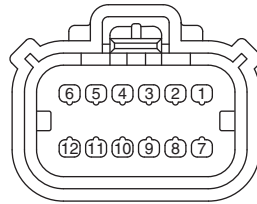
Tier 4 Final / Stage 5 Mower Harness 4326426 (Continued)



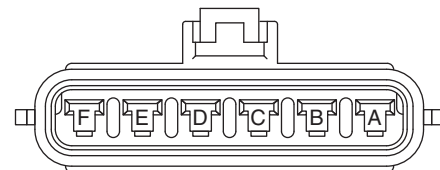
J6
Connects to Engine Harness



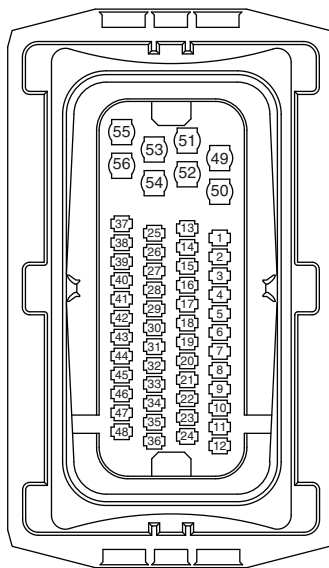
J8
Connects to DPF Harness



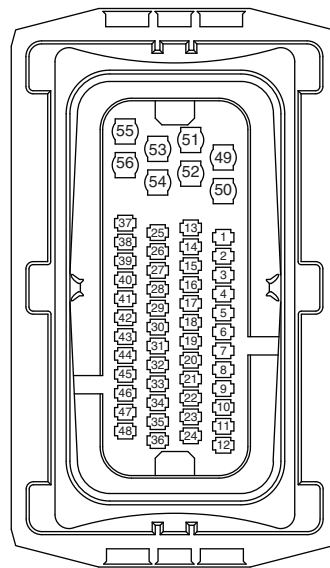
J10
Connects to Injector Harness



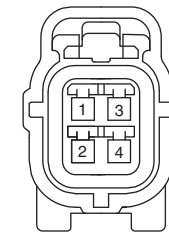
Capacitor Card Socket (C1)



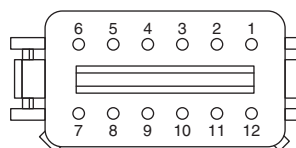
**ECU 1
(U1)**



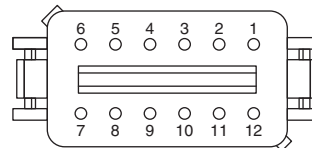
**ECU 2
(U1)**



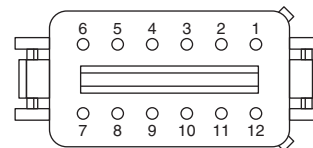
J5 DiagMaster



MCU J3 (U18)
(Grey)



MCU J2 (U18)
(Green)



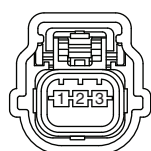
MCU J1 (U18)
(Black)

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

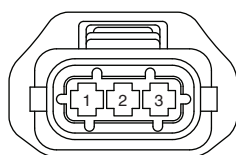
LIGHTWEIGHT FAIRWAY MOWER

71.1 Connector Terminal Identification

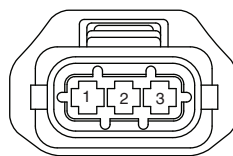
Tier 4 Final / Stage 5 Engine Harness 4297202 (Included with Engine)



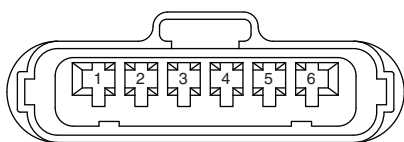
**Crank Sensor
(U2)**



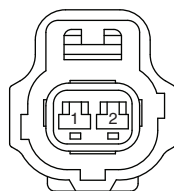
**Cam Sensor
(U3)**



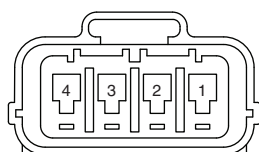
**Rail Pressure Sensor
(U4)**



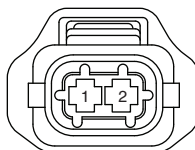
**Intake Throttle Valve
(U6)**



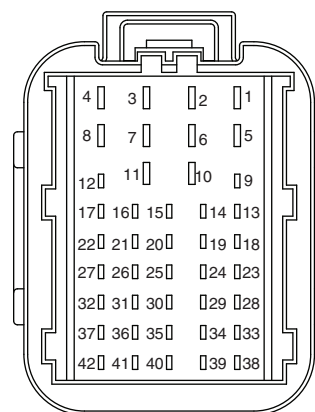
**Coolant Temperature
(U7)**



**EGR Valve
(U8)**



**Supply Pump
(M3)**



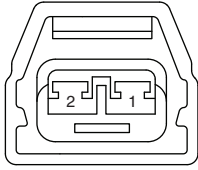
**J6
Connects to Mower Harness**

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

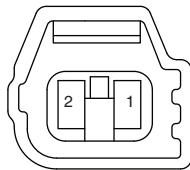
71.1 Connector Terminal Identification

Tier 4 Final / Stage 5 Injector Harness 4297203 and DPF Harness 4297204

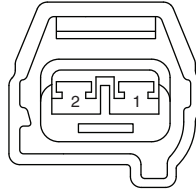
DPF Harness 4297204 (Included with Engine)



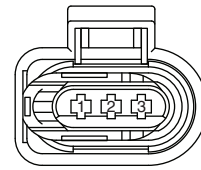
DPF Temp T0 Sensor
(U11)



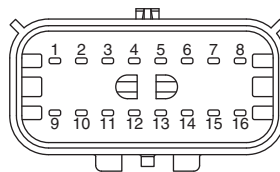
DPF Temp T1 Sensor
(U10)



DPF Temp T2 Sensor
(U9)

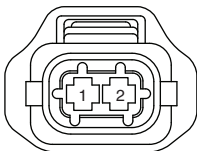


Diff Pressure Sensor
(U12)

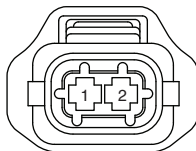


J8
Connects to Mower Harness

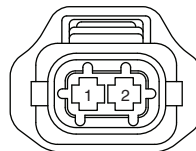
Injector Harness 4297203 (Included with Engine)



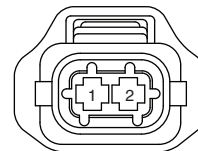
Fuel Injector #1
(U13)



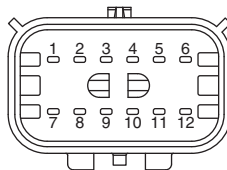
Fuel Injector #2
(U14)



Fuel Injector #3
(U15)



Fuel Injector #4
(U16)



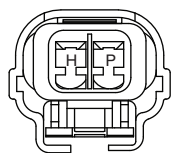
J10
Connects to Mower Harness

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

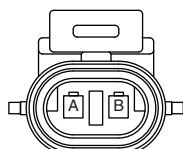
LIGHTWEIGHT FAIRWAY MOWER

71.1 Connector Terminal Identification

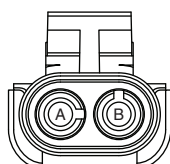
Tier 4 Interim Mower Harness 4301097



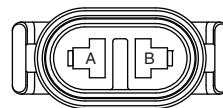
Fuel Solenoid (**K15**)



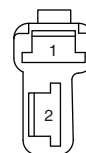
Air Ride Seat
(**M4**)



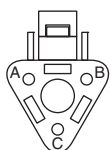
Fuel Pump
(**M2**)



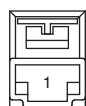
Head Lights
(**L1 and L2**)



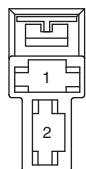
Optional Seat Switch
(**SW5A**)



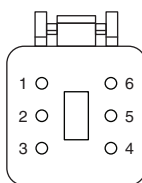
J11 CAN



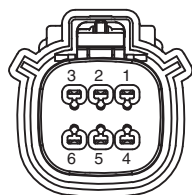
Starter
(**M1**)



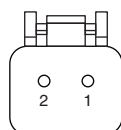
Alternator
(**U22**)



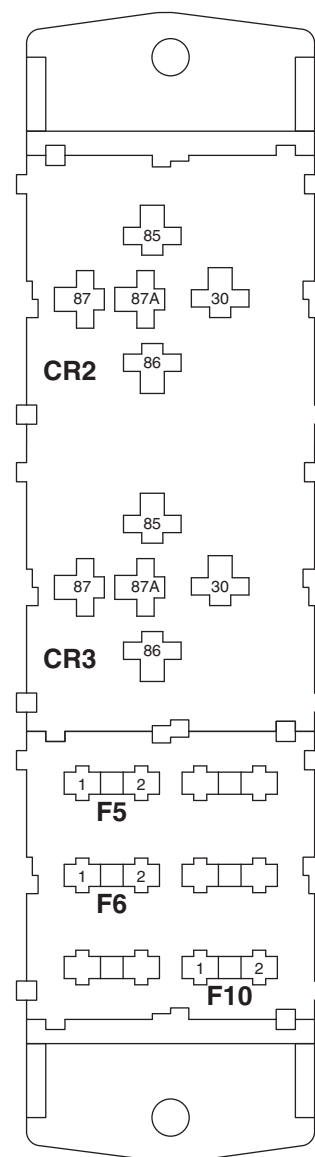
Traction Pedal (**U5**)
To 7 Gang Harness (**J16**)



To Armrest Harness
(**J15**)



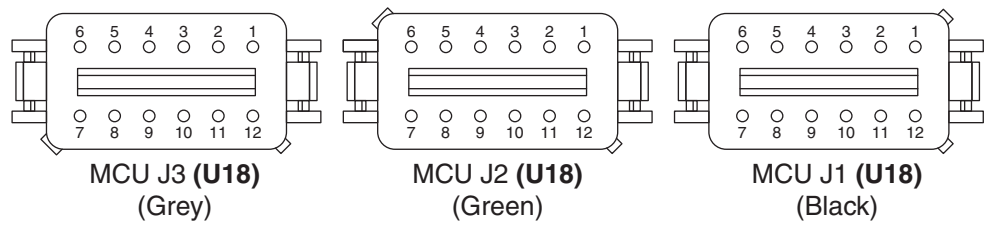
Rear Backlap Solenoid (**SOL1**)
Rear Mow Solenoid (**SOL2**)
Lift Solenoid (**SOL3**)
Lower Solenoid (**SOL4**)
Front Backlap Solenoid (**SOL5**)
Front Mow Solenoid (**SOL6**)
EDC Solenoid (**SOL7**)
Brake Solenoid (**SOL8**)
Reel Prox. Switch (**SW2**)
Seat Switch (**SW5**)



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

71.1 Connector Terminal Identification

Tier 4 Interim Mower Harness 4301097 (Continued)



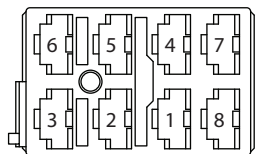
Terminal Identification is from open (Not Wire) end of connector

LIGHTWEIGHT FAIRWAY MOWER

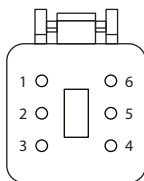
71.1 Connector Terminal Identification

Armrest Harnesses 4301099 (T4F/Stage 5) and 4329452 (T4I)

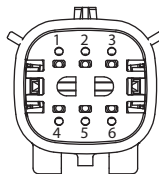
Tier 4 Final / Stage 5 Armrest Harness 4301099



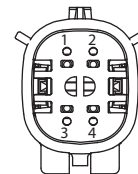
Horn Switch (SW9) (Red)
Mow Switch (SW10) (Grey)
Light Switch (SW12) (Green)
Parking Brake Switch (SW13) (Black)
Cruise Control Switch (SW14) (White)



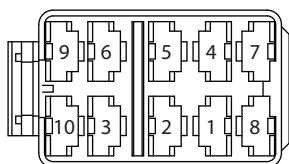
Ignition Switch (SW8)
Joystick (SW11)



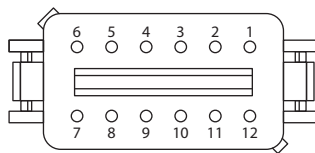
To Mower Harness
(J15)



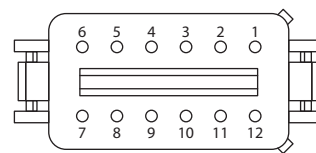
To Mower Harness
(J9)



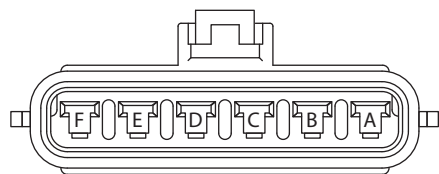
Adaptive Throttle Switch (SW3)



LDU J11 (U21)
(Green)

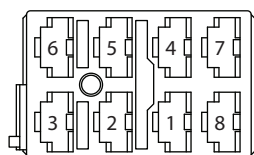


LDU J12 (U21)
(Black)

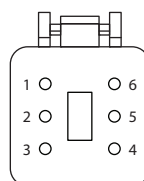


Resistor Card Socket (C1)

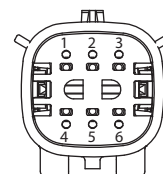
Tier 4 Interim Armrest Harness 4329452



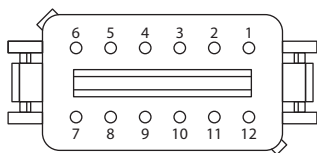
Horn Switch (SW9) (Red)
Mow Switch (SW10) (Grey)
Light Switch (SW12) (Green)
Parking Brake Switch (SW13) (Black)
Cruise Control Switch (SW14) (White)



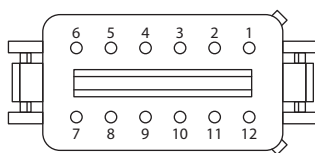
Ignition Switch (SW8)
Joystick (SW11)



To Mower Harness
(J15)



LDU J11 (U21)
(Green)

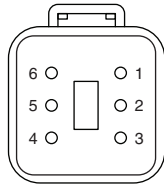


LDU J12 (U21)
(Black)

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

71.1 Connector Terminal Identification

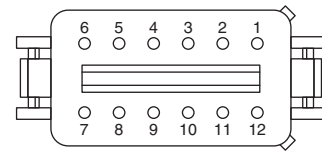
7 Gang Option Harness 4301153



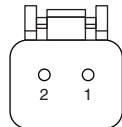
To Mower Harness (**J16**)



WCU J2 (**U19**)
(Green)



WCU J1 (**U19**)
(Black)



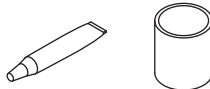
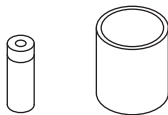
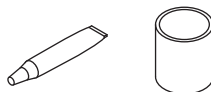
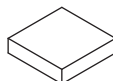
Center Lift/Lower Enable Solenoid (**SOL9**)
Front Lift/Lower Enable Solenoid (**SOL10**)
R Wing Lift/Lower Enable Solenoid (**SOL11**)
L Wing Lift/Lower Enable Solenoid (**SOL12**)
R Wing Mow Solenoid (**SOL13**)
R Wing Backlap Solenoid (**SOL14**)
L Wing Mow Solenoid (**SOL15**)
R Wing Backlap Solenoid (**SOL16**)



Left Wing Proximity Switch #1 (**SW17**)
Right Wing Proximity Switch #1 (**SW18**)
Left Wing Proximity Switch #2 (**SW19**)
Right Wing Proximity Switch #2 (**SW20**)

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

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.

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