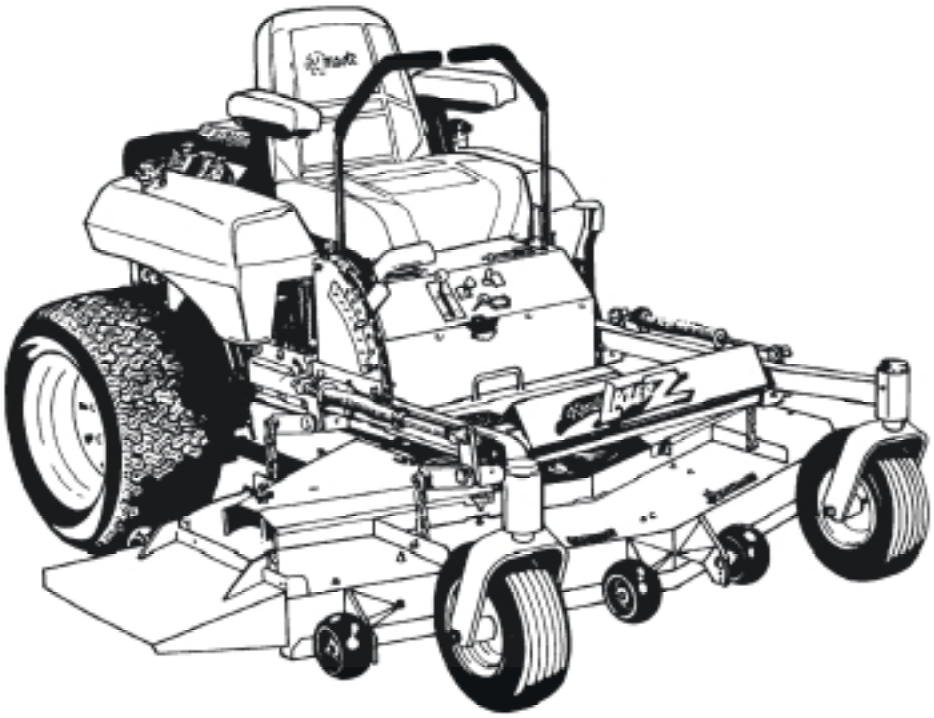
For Serial Nos. 220,000 & Higher

eXmark® MFG. CO. INC.

PARTS MANUAL



LAZER Z™

CONGRATULATIONS on the purchase of your new Exmark mower. This product has been carefully designed and manufactured to give you a maximum amount of dependability and years of trouble-free operation.

If additional information is needed, or should you require trained mechanic service, contact your authorized Exmark equipment dealer or distributor.

If you need to order replacement parts from your dealer, always give the model number and serial number of your mower as well as the part number, description and quantity of the part needed.

The Serial No. plate is located on the right side of the console.

For ease of ordering and reference, we suggest that you record the information requested in the following identification table.

Model No. _____

Serial No. _____

Engine Model No. _____

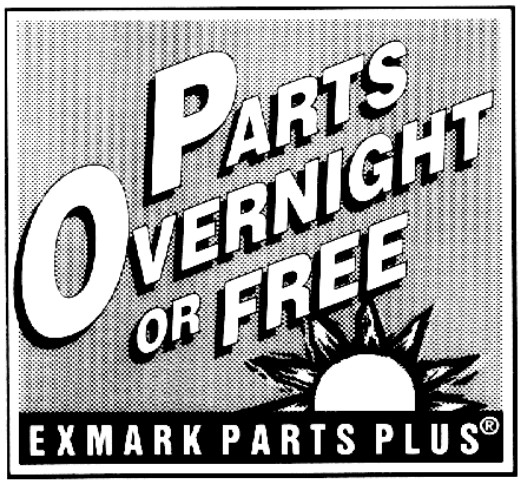
Engine Serial No. _____

Date Purchased _____

Paste Label From Literature Packet Here

EXMARK PARTS PLUS® PROGRAM

EFFECTIVE DATE: September 1, 1995



Program

If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE* Guaranteed!!

How the Program Works

1. If dealer does not have part in stock for a "down" unit at the time of request by customer, the dealer contacts his distributor by 1:00 p.m., local time, and requests Exmark Parts Plus® shipment of six (6) line items or less.

2. Distributor ships part(s) to dealer or customer, as requested by dealer, same day, overnight UPS Distributor bills dealer for part and freight charges where applicable.

3. If distributor does not have the part(s) in stock to satisfy Exmark Parts Plus® order, he contacts Exmark by 3:00 p.m., central time, with an Exmark Parts Plus® order of six (6) line items or less.

4. If order is received by 3:00 p.m. central time, Exmark ships part(s) direct to dealer or customer, as requested by distributor, same day, overnight UPS. Exmark bills the distributor for parts and shipping charges, where applicable.

5. The customer pays for the part and freight if it is shipped under the Exmark Parts Plus® and if it arrives in accordance to the program.

6. Who pays for the part and freight if it fails to arrive overnight in accordance to the program?

   A. Under any circumstance the customer does not pay.

   B. If the part does not arrive overnight due to:

      1. The dealer not submitting the Exmark Parts Plus® order to his Exmark distributor by 1:00 p.m., the dealer pays for the part and freight.

      2. The Distributor being unable to ship the part the same day or not submitting the Exmark Parts Plus® order to Exmark by 3:00 p.m., central time, the Distributor pays for the part and freight.

      3. Exmark being unable to ship the part and the Exmark parts order is received by 3:00 p.m., central time, Exmark pays for the part and freight.

      4. If the part does not arrive overnight due to the shipper (UPS), the shipper pays for the freight and Exmark pays for the part.

The following restrictions apply -- The Exmark Parts Plus® Program is available only through participating Exmark Dealers and applies only to orders submitted on this program Monday through Thursday. Parts Plus service is available only in the 48 contiguous United States. UPS has initiated a Saturday delivery program to many areas of the continental United States and can be requested for an overnight shipment on Friday to be delivered Saturday. The next day air charge, plus the Saturday delivery fee will be the responsibility of the purchaser. Exmark Mfg. will assume no responsibility for Saturday delivery shipments. To qualify, all Exmark Parts Plus® orders must be received by Exmark by 3:00 p.m., central time. Orders must be six (6) line items or less. Exclusions from the Exmark Parts Plus® Program are: Any wholegood or accessory in its entirety, engines and engine replacement parts, 5-speed Peerless transmissions and 5-speed transaxles, hydraulic or hydrostatic wheel motors, cutter decks and engine decks or any item exceeding United Parcel Service size and weight restrictions.

Due to UPS restrictions, aerosol spray paint is considered a hazardous material and cannot be shipped via UPS next day or Second Day Air.

Exmark Manufacturing stocks a limited supply of parts for transaxles, pumps and wheel motors. These parts can be ordered for Next Day Air shipment but will not be guaranteed per the Parts Plus Program.

⚠ WARNING

READ OPERATOR'S MANUAL BEFORE OPERATING OR SERVICING EXMARK EQUIPMENT.

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52” DECK GROUP

Ref. No.	.Part No.	Description	Qty. Req'd.
1	642053	Deck wldmt, 52"	1
	634536	Deck wldmt, 52" w/decals	1
2	805259	Washer, 3/8 SAE	3
3	323533	Spacer, shv/brg	3
4	513208	Washer, disc spring	6
5	303334	Washer, 5/16 disc spring	1
6	809001	Nut, 5/16-18 whizloc	14
7	602913	Baffle wldmt, discharge	1
8	800270	Screw, 5/16-18 x 5/8	5
9	603299	Roller, antiscalp	6
10	809007	Nut, 3/8-16 whizlock	12
11	373034	Washer, pivot	7
12	603602	Bushing, roller	6
13	303327	Washer, 3/8 disc spring	10
14	800807	Screw, 3/8-16 x 4 gr 8	6
15	602571	Chute, discharge 52”	1
16	800273	Screw, 5/16-18 x 1	3
17	804256	Nut, 5/16-18 nyloc	4
18	633357	Shield, belt 52”	2
19	323385	Knob, belt shield	6
20	322110	Belt guide wldmt	1
21	800848	Screw, 5/8-11 x 1 gr 8	3
22	800297	Screw, 3/8-16 x 2 1/4	2
23	303537	Stud, belt shield	2
24	805258	Washer 5/16 std flat	4
25	323417	Washer, rubber	2
26	633151	Spring, extension	1
27	632119	Arm wldmt, deck idler	1
28	513034	Bearing, pivot	2
29	634244	Arm wldmt/brg sub-assy	1
30	603044	Bushing, idler pivot	1
31	811008	Zerk, 1/4-20 90°.	1
32	805260	Washer, 3/8 std flat	1
33	804257	Nut, 3/8-16 nylock	20
34	800299	Screw, 3/8-16 x 2 3/4	1
35	633109	Idler pulley 6.00 dia flat	2
36	803016	Bolt, 3/8-16 x 1 whizlock	1
37	633456	Bushing, Idler	2
38	804522	Nut, 5/8-11 hex	2
39	809073	Nut, 7/16-14 whizlock	16
40	603805	Idler pulley 5.06 O.D V	1

Ref. No.	Part No.	Description	Qty. Req'd.
41	633366	Belt, blade drive 52” Deck	1
42	633447	Chain	4
43	800811	Screw, 7/16-14 x 1-1/2	8
44	800271	Screw, 5/16-18 x 3/4	2
45┼	403087	Sheave, blade drive 6.75 OD	1
46┼	633010	Pulley, split sheave 6.30 OD	1
47	803046	Setscrew, 5/16-18 x 1sqhdcp	1
48	803022	Setscrew,5/16-18x5/8sqhdcp	2
49	807264	Key, 1/4 sq x 2 5/8	1
50	633012	Jackshaft, deck drive	1
51*	634620	Cutter housing complete	3
52	800304	Screw, 3/8-16 x 3 1/4	1
53	633014	Bracket, jackshaft	1
54	807503	Bolt, 5/16-18 x 3/4 Carr.	6
55	513013	Housing, flange	4
56	513012	Bearing w/lock collar & ss	2
57	633573	Guard, Brg bottom	3
58	807507	Bolt, 3/8-16 x 1 carr	4
59	632690	Strut wldmt, deck	2
60	634619	Housing w/ring, spacer, & brg	3
61	633029	Spherical rod end	2
62	803050	Setscrew, 5/16-18 x .75sqhd	1
63	800343	Screw, 5/8-11 x 5	2
64	805010	Lockwasher, 5/8 reg.spring	2
65	811006	Zerk, 1/4-28 straight	4
66	632199	Pin wldmt, deck strut	2
67	804510	Nut, 5/8-18 hex	5
68	807006	Key, # 61 Woodruff	3
69┼	633701	Sheave, blade drive	3
70┼	513016	Bearing	6
71	323532	Housing ,bearing	3
72	323528	Spacer, bearing	3
73	800293	Screw, Hex cap 3/8 x 1 1/4	18
74	808502	Snap Ring	3
75	633574	Spindle	3
76	633482	Blade, notched air foil.	3
	613251	Blade, solid air foil.	3
	633485	Blade, low lift	3
✦	633484	Blade, mulching	3
77	634546	Jackshaft S/A	1
78	634726	Strut wldmt S/A	2

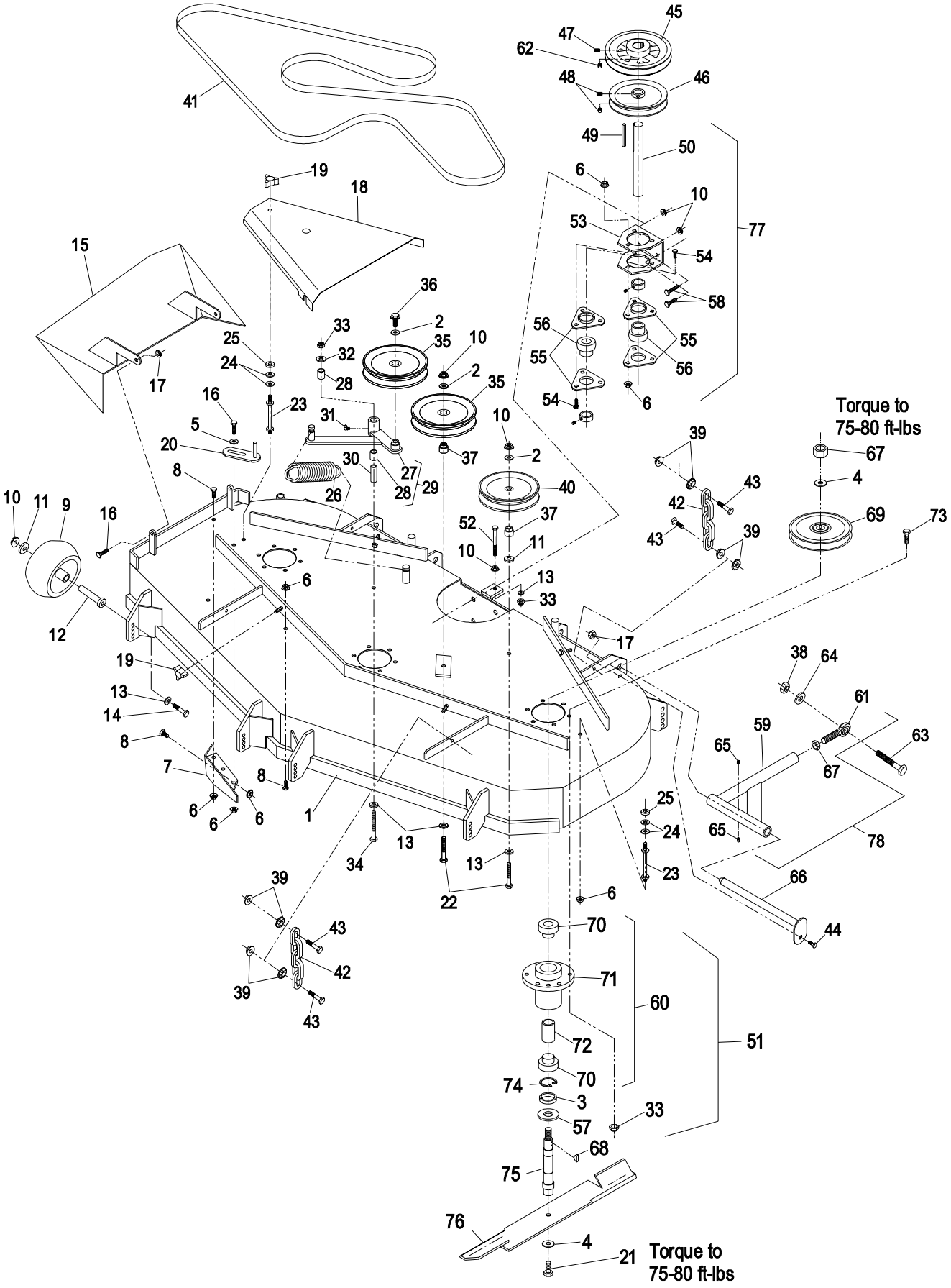
✦ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK523

┼ Use antiseize on bore of sheaves and bearings.
Use Pro-lock Nut Type (P/N 840022 .5 ml. tube) on setscrews.
Exmark red touch up spray paint - P/N 850337

* Cutter housing complete includes sheave, washer, and nut.

A complete deck assembly is available for service – P/N 634819

52” DECK GROUP



60” DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	632958	Deck wldmt, 60	1
	634983	Deck wldmt, 60 w/decals	1
2	634619	Housing w/ring, spacer, brg	3
3	805259	Washer, 3/8 SAE	3
4	513208	Washer, disc Spring	6
5	303334	Washer, 5/16 disc spring	1
6	809001	Nut, 5/16-18 whizlock	14
7	602913	Baffle wldmt, discharge	1
8	800270	Screw, 5/16-18 x 5/8	5
9	603299	Roller, antiscalp	6
10	809007	Nut, 3/8-16 whizlock	10
11	373034	Washer, pivot	7
12	603602	Bushing, roller	6
13	303327	Washer, 3/8 disc spring	10
14	800807	Screw, 3/8-16 x 4 gr 8	6
15	632939	Chute, discharge 60”	1
16	800273	Screw, 5/16-18 x 1	3
17	804256	Nut, 5/16-18 nylock	4
18	633084	Shield, belt 60”	2
19	323385	Knob, belt shield	6
20	322110	Belt guide wldmt	1
21	800848	Screw, 5/8-11 x 1 gr 8	3
22	800297	Screw, 3/8-16 x 2 1/4	2
23	303537	Stud, belt shield	2
24	805258	Washer 5/16 std flat	4
25	323417	Washer, rubber	2
26	633151	Spring, extension	1
27	632119	Arm wldmt, deck idler	1
28	513034	Bearing, pivot	2
29	634244	Arm wldmt/brg sub-assy	1
30	603044	Bushing, idler pivot	1
31	811008	Zerk, 1/4-20 90°	1
32	805260	Washer, 3/8 std flat	1
33	804257	Nut, 3/8-16 nylock	20
34	800299	Screw, 3/8-16 x 2 3/4	1
35	633109	Idler pulley 6.00 dia flat	2
36	803016	Bolt, 3/8-16 x 1 whizlock	1
37	633456	Bushing, Idler	2
38	800293	Screw, 3/8-16 x 1 1/4	18
39	809073	Nut, 7/16-14 whizlock	16
40	603805	Idler pulley 5.06 O.D. V	1
41	633127	Belt, blade drive 60” deck	1
42	633447	Chain	4
43	800811	Screw, 7/16-14 x 1-1/2	8
44	800271	Screw, 5/16-18 x 3/4	2
45★❖	303498	Sheave, 6.13 OD	1
★▼	643292	Pulley, split 6.71 OD	1
46★❖	633010	Pulley, split 6.30 OD	1
★▼	643292	Pulley, split 6.71 OD	1
47	803046	Setscrew, 5/16-18 x 1sqhdcp	1
48	803022	Setscrew,5/16-18x5/8sqhdcp	2
49	807264	Key, 1/4 sq x 2 5/8	1
50	633012	Jackshaft, deck drive	1
51	804522	Nut, 5/8-11 hex	2
52	800304	Screw, 3/8-16 x 3 1/4	1
53	633014	Bracket, jackshaft	1
54	807503	Bolt, 5/16-18 x 3/4 Carr.	6
55	513013	Housing, flange	4
56	513012	Bearing w/lock collar & ss	2
57*	634972	Cutter housing complete	3
58	807507	Bolt, 3/8-16 x 1 carr	4
59	632690	Strut wldmt, deck	2
60	323533	Spacer shv/brg	3
61	633029	Spherical rod end	2
62	803050	Setscrew, 5/16 x 3/4sqhdcp	1
63	800343	Screw, 5/8-11 x 5	2
64	805010	Lockwasher, 5/8 reg.spring	2
65	811006	Zerk, 1/4-28 straight	4
66	632199	Pin wldmt, deck strut	2
67	804510	Nut, 5/8-18 hex	5
68	807006	Key, # 61 Woodruff	3
69★	633701	Sheave, Blade drive.	3
70★	513016	Bearing	6
71	323532	Housing, bearing	3
72	323528	Spacer, bearing	3
73	633573	Guard, brg bottom	3
74	808502	Snap Ring	3
75	633942	Spindle	3
76	633483	Blade, notched air foil	3
	613250	Blade, solid air foil	3
	613111	Blade, low lift	3
⌖	613112	Blade, mulching	3
77	634546	Jackshaft S/A	1
78∇❖	634726	Strut wldmt S/A	2
∇▼	634772	Strut wldmt S/A	2

⌖ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK604

★ Use antiseize on bore of sheaves and bearings.
Use Pro-lock Nut Type (P/N 840022 .5 ml. tube) on setscrews.
Exmark red touch up spray paint - P/N 850337

* Cutter housing complete includes sheave, washer, and nut.

∇ Strut subassemblies have the same components, they are assembled to different lengths from center to center.
PN 634726 = 15.31” PN 634772 = 15.00”

❖ For all 23 & 25 hp Kohler units and 22 hp Kawasaki units.

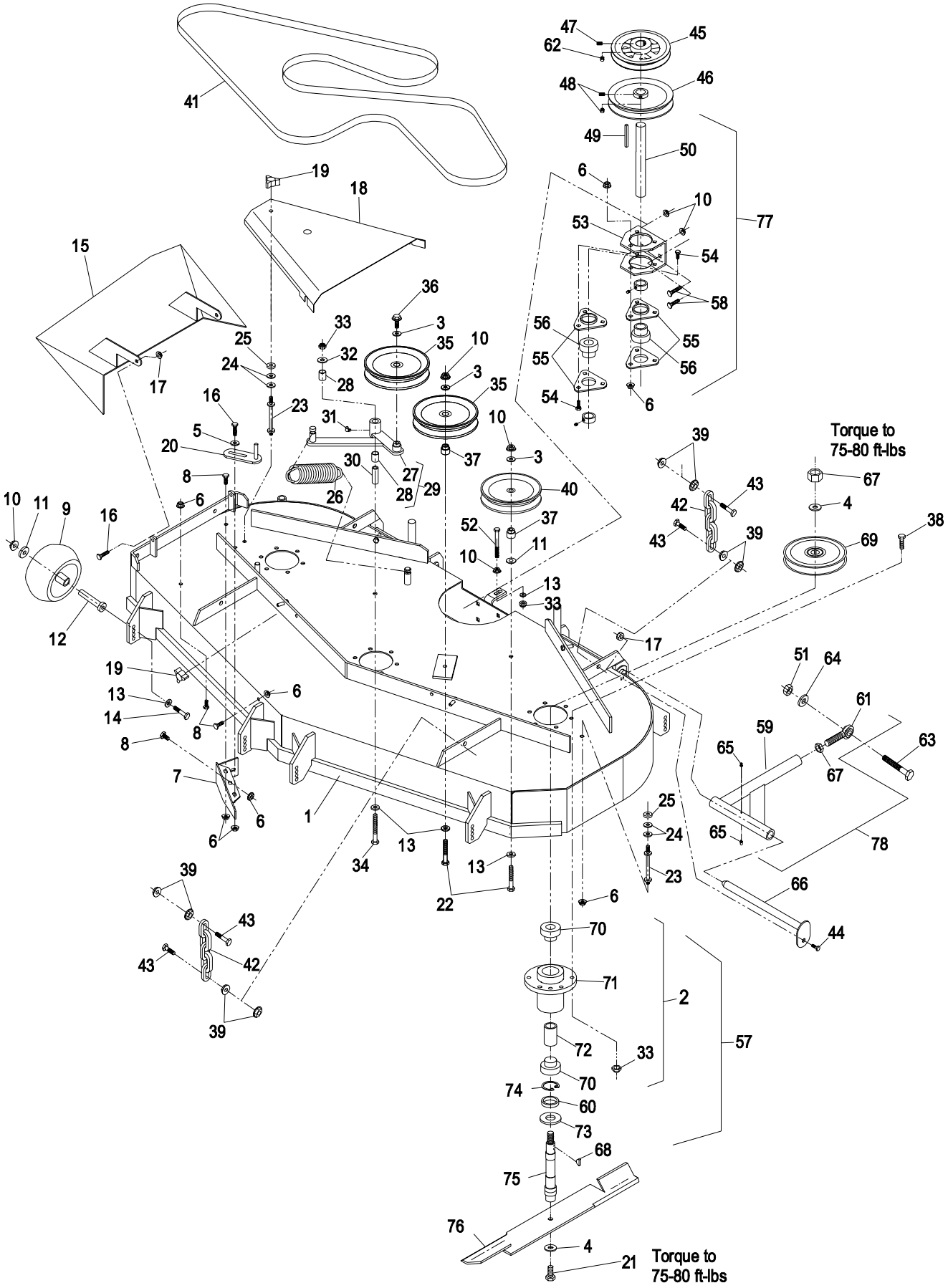
▼ For all 26 hp Kohler EFI units and 23 hp Kawasaki units.

The following complete deck assemblies are available for service:

For all 23 & 25 hp Kohler and 22 hp Kawasaki units – P/N 644165

For all 26 hp Kohler EFI units and 23 hp Kawasaki units – P/N 644370

60” DECK GROUP



72” DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	643052	Belt, Blade drive 72”	1
2	323385	Knob, belt shield	6
3	643076	Shield, belt 72” RH	1
*	643075	Shield, belt 72” LH	1
4	803016	Bolt, 3/8-16 x 1 whizlock	1
5	805259	Washer, 3/8 SAE	3
6	633109	Idler pulley 6.00 dia flat	2
7	633151	Spring, extension	1
8	809007	Nut, 3/8-16 whizlock	13
9	633456	Bushing, Idler	2
10	805260	Washer, 3/8 std flat	3
11	373034	Washer, pivot	8
12	804257	Nut, 3/8-16 nyloc	20
13	513034	Bearing, pivot	2
14	632119	Arm wldmt, deck idler	1
15	603044	Bushing, idler pivot	1
16	800304	Screw, 3/8-16 x 3 1/4	1
17	804510	Nut, 5/8-18 hex	5
18	513208	Washer, disc spring	6
19┼	643269	Sheave, Blade drive.	3
20┼	303498	Sheave, 6.13 OD (25hp Koh).	1
	643292	Pulley, split 6.71 OD (26hp Koh)	1
21┼	633010	Pulley, split 6.30 OD (25hp Koh)	1
	643292	Pulley, split 6.71 OD (26hp Koh)	1
22	633012	Jackshaft, deck drive	1
23	807264	Key, 1/4 sq x 2 5/8	1
24	803046	Setscrew, 5/16-18 x 1sqhdcp	1
25	803050	Setscrew, 5/16 x 3/4sqhdcp	1
26	803022	Setscrew,5/16-18x5/8sqhdcp	2
27	809001	Nut, 5/16-18 whizlock	14
28	807507	Bolt, 3/8-16 x 1 carr	4
29	807503	Bolt, 5/16-18 x 3/4 Carr.	6
30	633014	Bracket, jackshaft	1
31	513013	Housing, flange	4
32	513012	Bearing w/lock collar & ss	2
33	303327	Washer, 3/8 disc spring	10
34	809073	Nut, 7/16-14 whizlock	16
35	800811	Screw, 7/16-14 x 1-1/2	8
36	633447	Chain	4
37	804522	Nut, 5/8-11 hex	2
38	805010	Lockwasher, 5/8 reg.spring	2
39	633029	Spherical rod end	2
40	800343	Screw, 5/8-11 x 5	2
41	642073	Strut wldmt, deck	2
42	632199	Pin wldmt, deck strut	2
43	811006	Zerk, 1/4-28 straight	4
44	800293	Screw, 3/8-16 x 1 1/4	18
45	323417	Washer, rubber	2
46	805258	Washer 5/16 std flat	4
47	303537	Stud, belt shield	2
48	642077	Deck weldment, 72”	1
	644149	Deck weldment, 72” w/decals.	1
49┼	513016	Bearing	6
50	323532	Housing, bearing	3
51	323528	Spacer, bearing	3
52	808502	Snap Ring	3
53	323533	Spacer shv/brg	3
54	633573	Guard, brg bottom	3
55	643116	Spindle	3
56	807006	Key, # 61 Woodruff	3
57	643006	Blade, notched air foil	3
♦	643097	Blade, mulching	3
♦	643428	Blade, low lift	3
♦	643429	Blade, solid air foil	3
58	800848	Screw, 5/8-11 x 1 gr 8	3
59	800297	Screw, 3/8-16 x 2 1/4	2
60	800299	Screw, 3/8-16 x 2 3/4	1
61	602913	Baffle wldmt, discharge	1
62	800270	Screw, 5/16-18 x 5/8	5
63	800807	Screw, 3/8-16 x 4 gr8	6
64	603602	Bushing, roller	6
65	603299	Roller, anti-scalp	6
66	800273	Screw, 5/16-18 x 1	4
67	642071	Chute, discharge 72”	1
68	804256	Nut, 5/16-18 nyloc	4
69	811008	Zerk, 1/4-20 90°	1
70	603805	Idler pulley 5.06 O.D. V	1
71	634619	Housing w/ring, spacer, brg	3
72*	644092	Cutter housing complete	3
73	634546	Jackshaft S/A	1
74	634244	Arm wldmt/brg sub-assy	1
75∇	644074	Strut wldmt S/A (25hp Koh)	2
∇	644287	Strut wldmt S/A (26hp Koh)	2

♦ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK724.

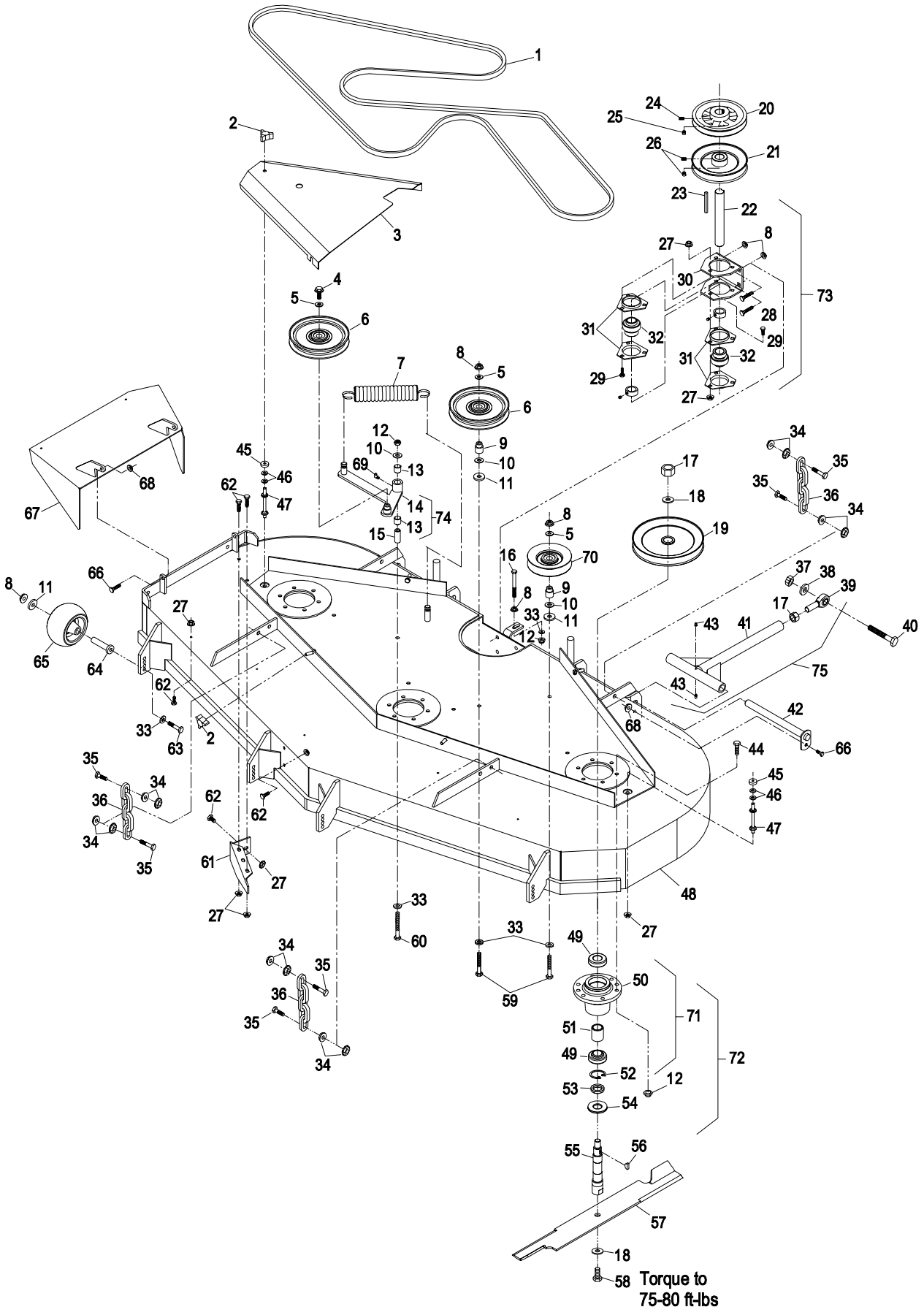
┼ Use antiseize on bore of sheaves and bearings.
Use Pro-lock Nut Type (P/N 840022 .5 ml. tube) on setscrews.
Exmark red touch up spray paint - P/N 850337

* Cutter housing complete includes sheave, washer, and nut.

∇ Strut subassemblies have the same components, they are assembled to different lengths from center to center.
PN 644074 = 15.31” PN 644287 = 15.00”

The following complete deck assemblies are available for service:
For 25 hp Kohler units – P/N 644166
For all 26 hp Kohler EFI units – P/N 644371

72” DECK GROUP



FRONT FRAME GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	632518	Frame wldmt, front 52”	1
	632513	Frame wldmt, front 60”	1
	642046	Frame wldmt, front 72”	1
2	811006	Zerk, 1/4-28 straight	5
3	633556	Floorpan	1
4	633553	Pad, anti skid	3
5	634312	Lever w/grip	1
	632324	Lever wldmt, lift	1
6	633295	Grip, lift lever	1
7	632219	Arm wldmt, deck lift	1
8	633325	Spring, compression	1
9	805259	Washer, 3/8 SAE flat	1
10	804257	Nut, nylock 3/8-16	5
11	808505	E-ring	5
12	633068	Arm, deck lift	2
13	806761	Cotter pin, 1/8 x 3/4	2
14	808284	Clevis pin, 3/8 x 1	2
15	633889	Plate, deck lift	1
16	632899	Plate wldmt, deck lift	1
17	633082	Bushing, lift lever	1
18	633080	Bushing, lift lever	1
19	800299	Screw, 3/8-16 x 2 3/4	1
20	633097	Hitch pin w/lanyard	1
21	806005	Hairpin cotter (serv only)	1
22	800295	Screw, 3/8-16 x 1 3/4	2
23	303327	Washer, 3/8 disc spring	12
24	809007	Nut, whizlock 3/8-16	19
25	800292	Screw, 3/8-16 x 1	3
26	800293	Screw, 3/8-16X1 1/4	12
27	805271	Washer, 7/8 SAE flat	4
28	633096	Rod, deck lift	2
29	804522	Nut, 5/8-11 regular	8
30	633441	Swivel, deck mount	4
31	805268	Washer, 5/8 std flat	4
32	633064	Spring, deck support (52” & 60”)	2
	643015	Spring, deck support (72”)	2
33	804755	Jam nut, 5/8-11	4
34	543513	Cap, grease	2
35	543509	Bearing cone, tapered roller	4
	543508	Bearing cup, tapered roller	4
36	543511	Seal, grease	2
37	632511	Caster wldmt (52” Air cooled)	2
★	642111	Caster wldmt	2
38	804266	Nut, 3/4-10 nylock	2
39	633508	Washer, spring disk	6
40	800339	Screw, 1/2-13x7 ½ (52” Koh)	2
	800335	Screw, 1/2-13x9 (52” Kaw, 60” & 72”)	2
41	811010	Plug	2
42◆	634662	Caster wheel assy (52” Koh)	2
✶	103-0068	Caster wheel assy (52” Koh)	2
◆	644251	Caster wheel assy (52” Kaw, 60” & 72”)	2
✶	103-0069	Caster wheel assy (52” Kaw, 60” & 72”)	2
43	804269	Nut, 1/2-13 nylock.(light thin)	2
44	633579	Spacer, front caster (52” Koh)	2
	633959	Spacer, front caster (52” Kaw, 60” & 72”)	2
45◆	633580	Seal, bearing.	4
✶	103-0063	Seal, bearing.	4
46	633585	Bearing cone.	4
47	633581	Spacer, bearing.	4
48◆	633582	Wheel & tire assy (52” Koh)	2
✶	103-0064	Wheel & tire assy (52” Koh)	2
	633002	Tire,13x5.0-6 4 ply (52” Koh)	2
◆	633583	Wheel (52” Koh)	2
✶	103-0070	Wheel (52” Koh)	2
◆	633971	Wheel & tire assy (52” Kaw, 60” & 72”)	2
✶	103-0065	Wheel & tire assy (52” Kaw, 60” & 72”)	2
	523009	Tire, 13x6.5-6 4 ply (52” Kaw, 60” & 72”).	2
◆	633987	Wheel (52” Kaw, 60” & 72”)	2
✶	103-0071	Wheel (52” Kaw, 60” & 72”)	2
	633584	Bearing cup	4
49	633587	Handle	1
50∇	543161	Pad, pedal	2
51∇	103-0147	Lever wldmt, deck lift	1
52∇	643220	Strap	1
53∇	800275	Screw, 5/16-18x1 1/2	2
54∇	809001	Nut, whizlock 5/16-18	2

Exmark red touch up spray paint - P/N 850337

∇ These components are standard on the Kohler 26 HP EFI unit, they are an optional kit for other models PN 103-0149.

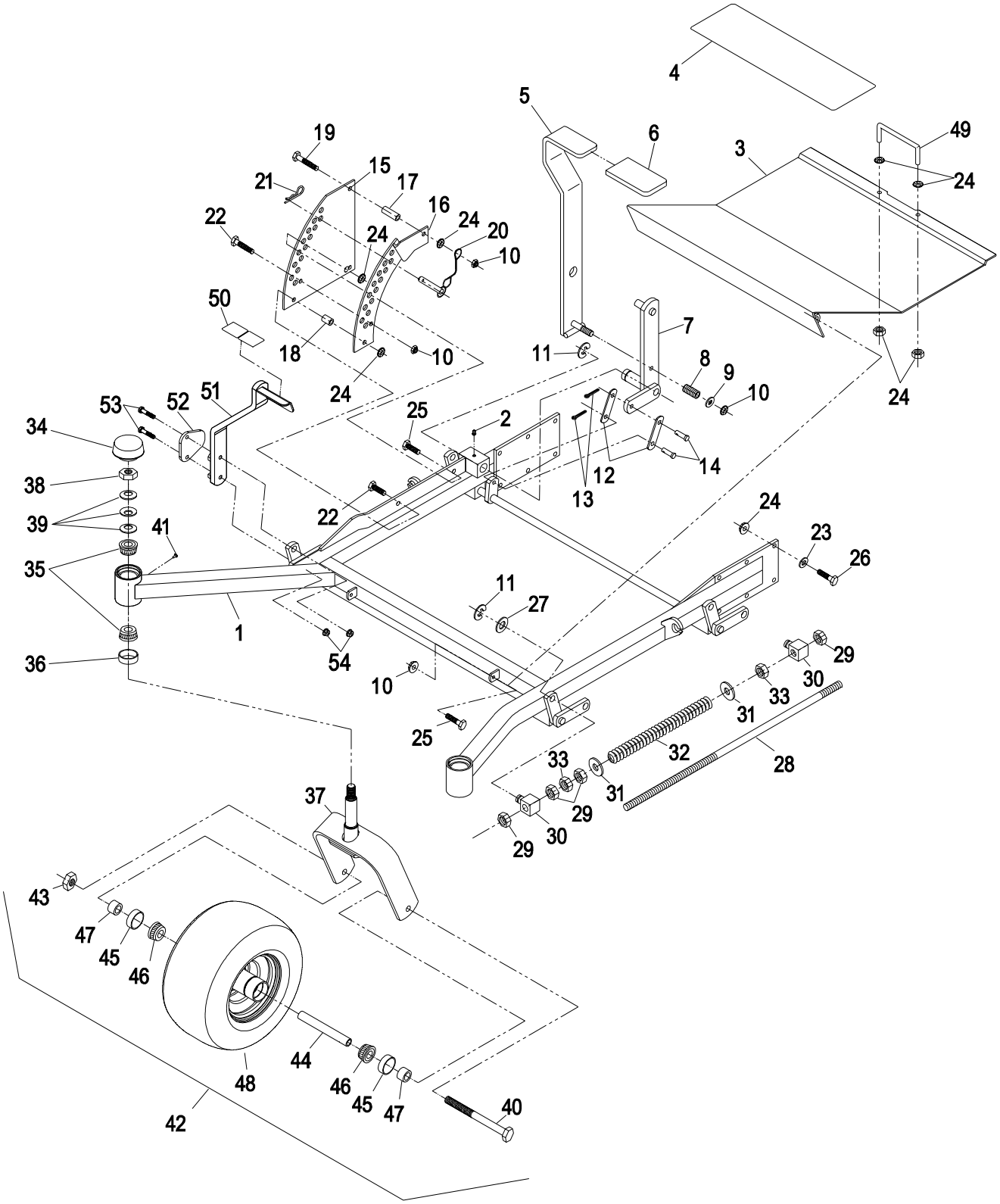
For the following symbols, identify which caster wheel assembly is installed on the unit by looking at the caster wheel hub:

◆ Use these components for units that have a grease zerk on the caster wheel hub.

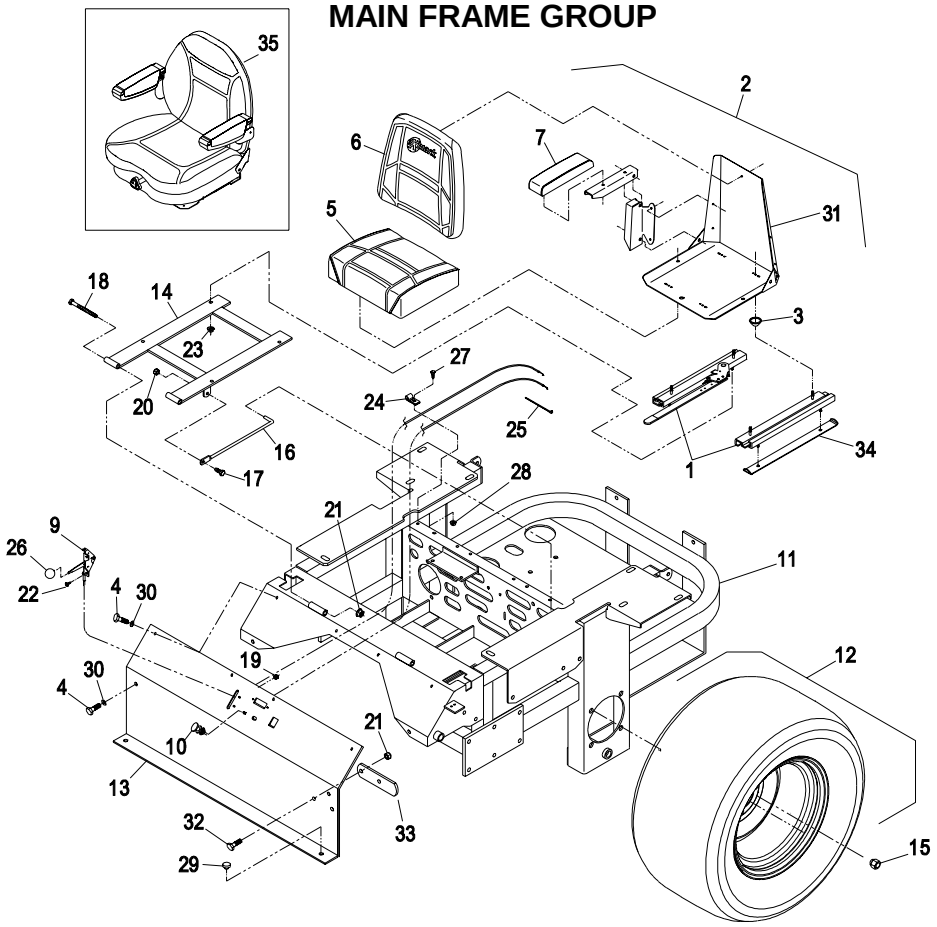
✶ Use these components for units that do not have a grease zerk on the caster wheel hub.

★ 52” Liquid cooled units and all 60” & 72” units.

FRONT FRAME GROUP



MAIN FRAME GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	643255	Track, seat (4" adjustable)	1
2	633461	Seat (All units except 26hp Koh)	1
3	543401	Spacer, seat track	4
4	800271	Screw, 5/16-18 x 3/4	6
5	543407	Cushion, seat	1
6	543408	Cushion, backrest	1
7	543409	Cushion, armrest (RH)	1
8*	543411	Cushion armrest (LH)	1
9	633696	Cable, throttle	1
10	603336	Cable, choke	1
11	642324	Frame, engine deck	1
12	633970	Wheel/tire assy. (60" & 72")	2
	633993	Tire, 24x12-12 4 ply (60" & 72")	2
	633992	Wheel (60" & 72")	2
	653010	Wheel/tire assy. (52")	2
	653160	Tire, 23x9.5-12 4 ply (52")	2
	653158	Wheel (52")	2
13	633965	Front, Console	1
14	632187	Frame, seat mount	1
15	513011	Nut, wheel 1/2-20	8
16	633293	Rod, seat hold-up	1
17	800273	Screw, 5/16-18 x 1	1
18	800306	Screw, 3/8-16 x 5	2
19	804252	Nut, nylock #10-24	2

Ref. No.	Part No.	Description	Qty. Req'd.
20	804256	Nut, nylock 5/16-18	1
21	804257	Nut, nylock 3/8-16	2
22	807513	Screw, #10-24 x 1/2	2
23	809001	Nut, whizlock 5/16-18	4
24	513762	Clip, loom (.50)	1
25	303335	Plastic tie (lrg)	1
26	513592	Ball, (red) throttle cable	1
27	800252	Screw, 1/4-20 x 3/4	1
28	809012	Nut, whizlock 1/4-20	1
29	513658	Bumper	2
30	805257	Washer, 5/16 SAE flt	6
31	633859	Seat Frame	1
32	800292	Screw, 3/8-16 x 1	2
33	633964	Stop, Park Brake	1
34♦	633872	Stop/Spacer (26hp Koh & 22hp Kaw)	2
35∇	633821	Seat, Suspension (26hp Koh only)	1
	631845	Kit, Pan w/seat & back	1
	631844	Kit, Armrest Assy	1
	631843	Kit, Boot, upper & lower wire	1
	631842	Kit, Armrest Pad w/hardware	1
	631846	Kit, Damper w/hardware	1
	631847	Kit, Rollers, bumpers & hrdwre	1
	631848	Kit, Spring & Cable & hardware	1
	631849	Kit, Knob & Shaft & hardware	1
	643281	Switch, Seat	1

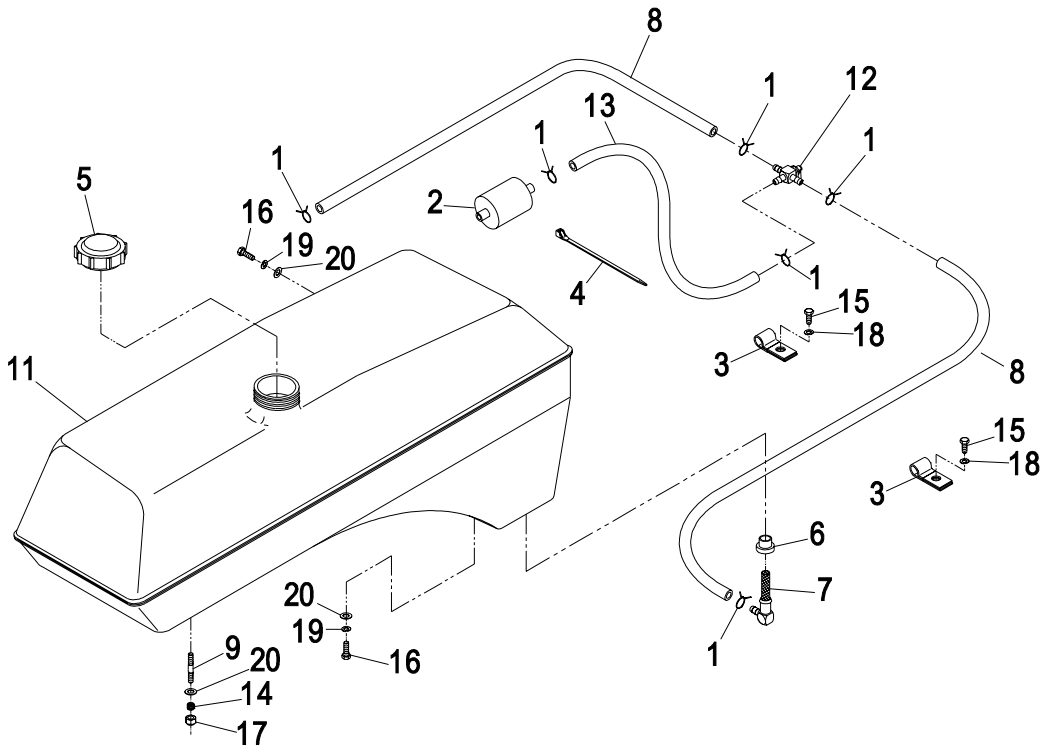
* Not Illustrated

∇ The suspension seat is standard on the Kohler 26 HP EFI units, it is an optional kit on other units PN MSSLZ.

♦ The stop/spacer is installed with the slotted holes to the rear on 26HP Kohler units and the slotted holes to the front on 22 HP Kawasaki units. NOTE: If a Suspension Seat is installed on a 22HP Kawasaki unit the stop/spacer must be turned around and re-installed with the slotted holes to the rear.

Exmark black touch up spray paint - gloss black

KOHLER 23, & 25 HP AIR-COOLED FUEL GROUP



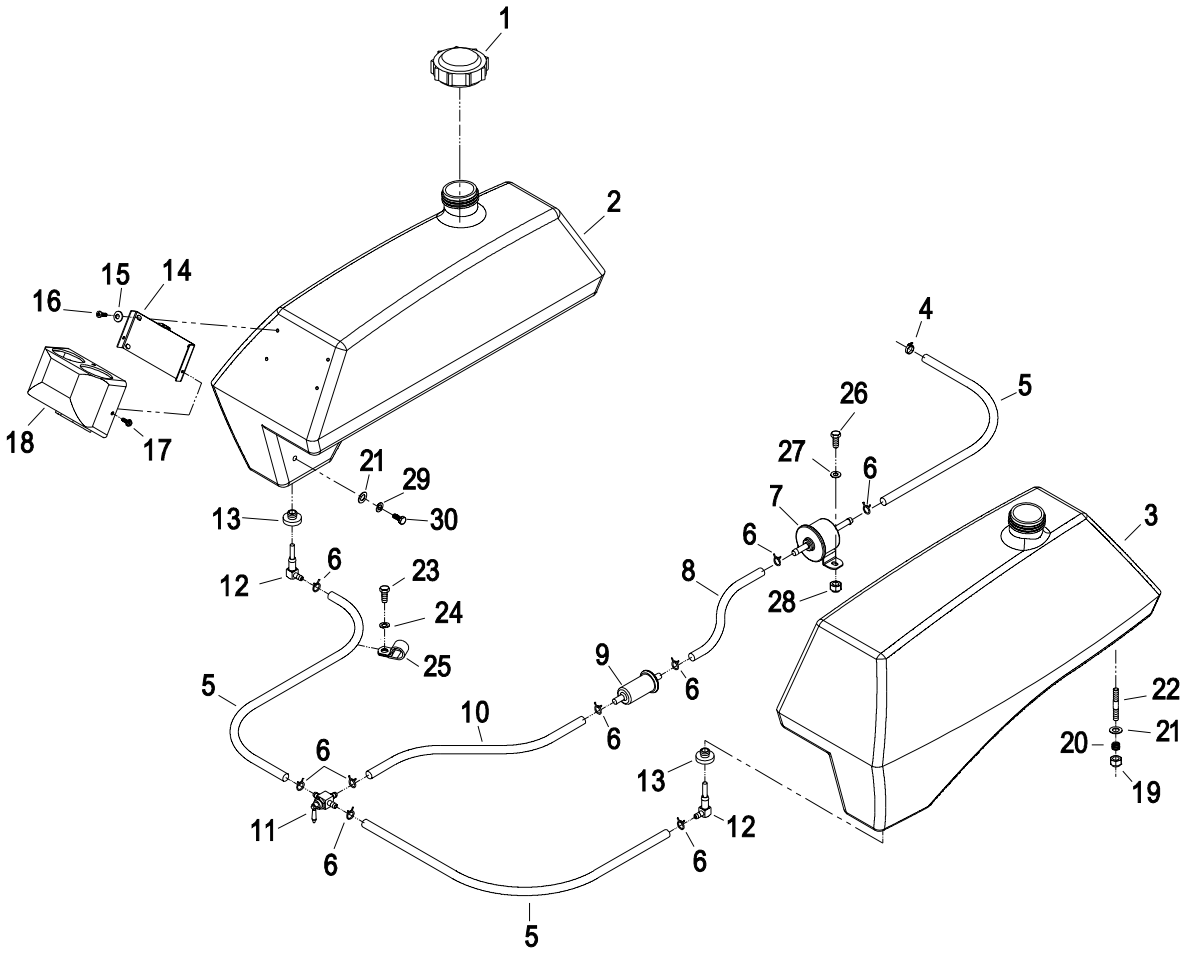
Ref. No.	Part No.	Description	Qty. Req'd.
1	303077	Clamp, fuel line	6
2⌑	**Kohler** Part No. 2405002 Fuel Filter		1
3	513762	Clip, loom .50	2
4	303335	Plastic tie (large)	1
5	513508	Cap, fuel tank	2
6	513645	Bushing	2
7	543277	Elbow, strainer	2
8	543456	Fuel line	2
9◆	633023	Stud, fuel tank	6
10∗	633967	Tank, fuel (LH)	1
11	633968	Tank, fuel (RH)	1
12	633347	Valve, fuel	1
13	633348	Fuel line	1
14	633349	Spring, fuel tank	6
15	800251	Screw, 1/4-20 x 5/8	2
16	800271	Screw, 5/16-18 x 3/4	4
17	804267	Nut, thin nylock 5/16-18	6
18	805004	Washer, lock 1/4	2
19	805005	Washer, lock 5/16	4
20	805257	Washer, 5/16 SAE	10

◆ Use Prolock, Retaining type (Part No. 840023), .5cc tube on stud threads going into the tank.

∗ Not Illustrated.

⌑ Refer to Engine Owner's Manual (Fuel Filter **Must** be 15 Micron or smaller).

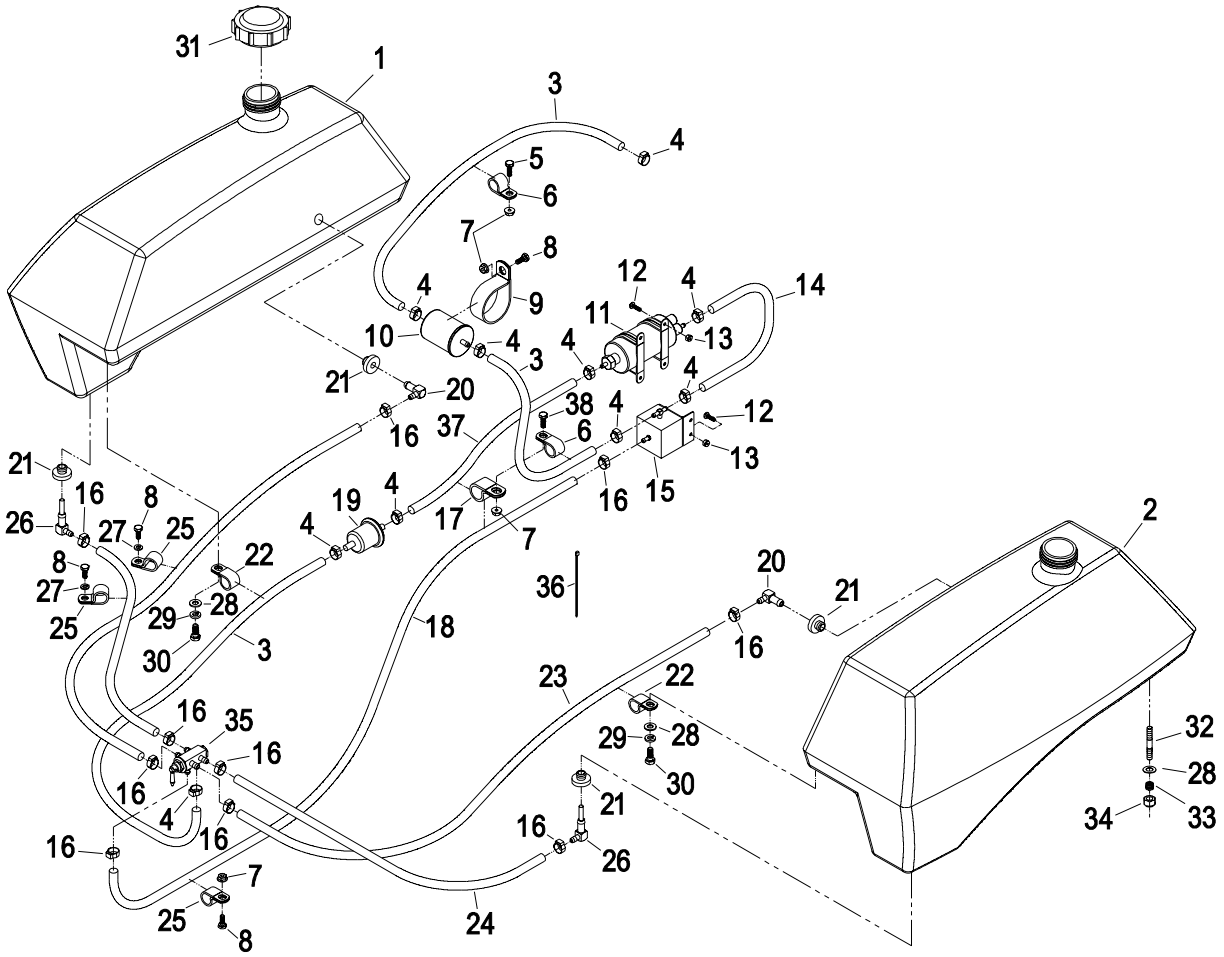
KAWASAKI LIQUID-COOLED FUEL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	513508	Cap, fuel tank	2
2	643017	Tank, fuel (RH)	1
3	633967	Tank, fuel (LH)	1
4	303308	Clamp, hose	1
5	543456	Fuel line	3
6	303077	Clamp, fuel line	9
7⌑	**Kawasaki** P/N 49040-2065 Fuel Pump		1
8	643270	Fuel line	1
9⌑	**Kawasaki** P/N 49019-1055 Fuel Filter		1
10	303426	Fuel line	1
11	633347	Valve, fuel	1
12	543277	Elbow, strainer	2
13	513645	Bushing	2
14	643014	Bracket, gauge mount	1
15	303435	Washer, disc spring 1/4	4
16▽	803028	Screw, Machine 10-24x5/8	4
17	802002	Screw, thread cut 10-32x1/2	3
18	643013	Cover, gauge	1
19	804267	Nut, thin nyloc 5/16-18	6
20	633349	Spring, fuel tank	6
21	805257	Washer, 5/16 SAE	10
22◆	633023	Stud, fuel tank	6
23	800251	Screw, 1/4-20 x 5/8	1
24	805004	Washer, lock 1/4	1
25	513762	Clip, loom .50	1
26	800252	Screw, Cap 1/4-20x3/4	2
27	805255	Washer, flat SAE 1/4	2
28	809012	Nut, whizlock 1/4-20	2
29	805005	Washer, lock 5/16	4
30	800271	Screw, 5/16-18 x 3/4	4

◆ Use Prolock, Retaining type (Part No. 840023), .5cc tube on stud threads going into the tank.
⌑ Refer to Engine Owner's Manual (Fuel Filter **Must** be 40 Micron or smaller).
▽ Snug fit only on slotted holes, **Do Not Overtighten**, tank must be able to expand.

KOHLER 26 HP EFI FUEL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	643244	Tank, EFI Fuel (RH)	1
2	643243	Tank, EFI Fuel (LH)	1
3	643238	Fuel line, .31 x 24”	3
4▲	643277	Clamp, .31 I.D. Fuel Hose	10
5	800252	Screw, Cap 1/4 –20 x 3/4	1
6	603727	Clip, Loom .56	2
7	809012	Nut, Whizlock 1/4-20	4
8	800251	Screw, Cap 1/4 –20 x 5/8	3
9	643241	Clip, Loom 2.13	1
10⌑	**Kohler** P/N 24 050 03 Fuel Filter (large)		1
11⌑	**Kohler** P/N 24 393 20 Fuel Pump		1
12	803028	Screw, Machine #10-24 x 5/8	6
13	804252	Nut, Nyloc #10-24	6
14	643236	Fuel Line, .31 x 9	1
15⌑	**Kohler** P/N 24 403 12 Fuel Regulator		1
16▲	643293	Clamp, .25”	10
17	643312	Clip, loom	1
18	643235	Fuel line, .25 x 40”.	1
19	99-9403	Fuel Filter	1
20	643172	Elbow, 90°	2
21	513645	Bushing, Fuel Valve	4
22	633396	Clip, Loom	2
23	633348	Fuel Line	2
24	543456	Fuel Line	2
25	513762	Clip, loom .50	3
26	543277	Elbow, 90° w/strainer	2
27	805004	Washer, lock 1/4	2
28	805257	Washer, flat SAE 5/16	10
29	805005	Washer, lock 5/16 hvy	4
30	800271	Screw, 5/16-18 x 3/4	4
31	513508	Cap, Fuel Tank	2
32◆	633023	Stud, Fuel Tank	6
33	633349	Spring, Fuel Tank	6
34	804267	Nut, Thin Nyloc 5/16-18	6
35	643234	Valve, Fuel Dual Flow	1
36	303287	Plastic Tie (small	1
37	643239	Fuel line, .31 x 28.0	1
38	800254	Screw, Cap 1/4-20 x 1	1

◆ Use Prolock, Retaining type (Part No. 840023), .5cc tube on stud threads going into the tank.

⌑ Refer to Engine Owner’s Manual (Fuel Filter **Must** be 40 Micron or smaller).

▲ Clamps require special pliers P/N 643394 (Oetiker P/N 14100118 or Kohler P/N 2445505) for installation.

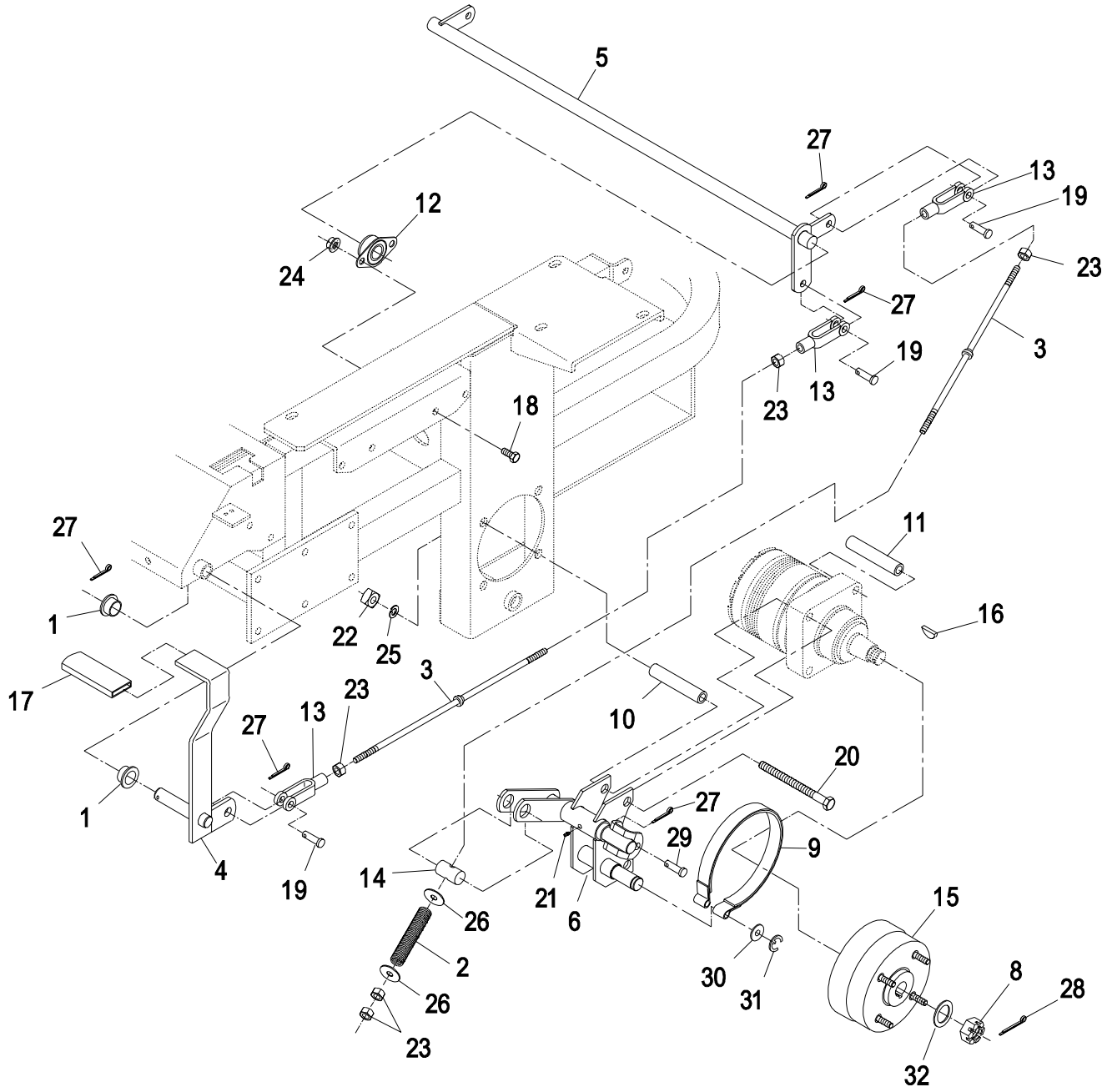
PARK BRAKE GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	513140	Bushing	2
2	633454	Spring, brake rod	2
3	633477	Rod, brake	3
4	634500	Lever w/grip	1
	632489	Lever, brake	1
5	632217	Shaft, brake	1
6	632714	Bracket, brake (LH) (52”&60”)	1
	632712	Bracket, brake (LH) (72”)	1
7*	632715	Bracket, brake (RH)(52”&60”)	1
	632713	Bracket, brake (RH)(72”)	1
8	809036	Nut, slotted 1.00-20	2
9	633693	Band, brake	2
10	633380	Spacer (short)(52”&60”)	4
	633060	Spacer (short) (72”)	4
11	633382	Spacer (long)(52”&60”)	4
	633062	Spacer (long)(72”)	4
12	633102	Bearing, flange	2
13	633131	Yoke	4
14	633144	Pin, trunion	2
15	634927	Hub & drum w/studs, wheel	2
♦	633926	Studs, wheel	8

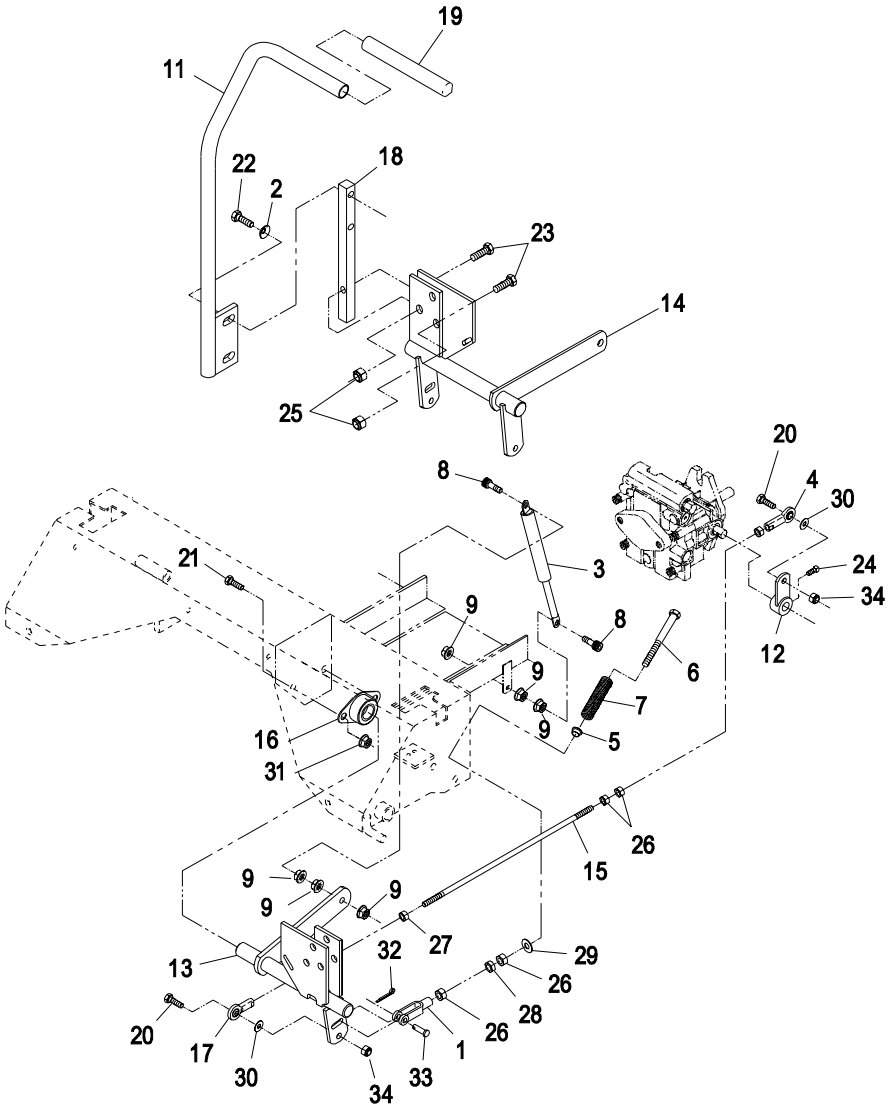
Ref. No.	Part No.	Description	Qty. Req'd.
16	807020	Woodruff key, 5/16X1	2
17	633268	Grip, brake lever	1
18	800290	Screw, 3/8-16 x 3/4	4
19	808285	Pin, clevis 3/8 x 1 1/8	4
20	800347	Screw, 1/2-13 x 4 (52”&62”)	8
	800334	Screw, 1/2-13 x 6 (72”)	8
21	811007	Zerk, 1/4-28 45° (52”&60”)	2
	811006	Zerk, 1/4-28 straight (72”)	2
22	103-0131	Nut, sq. reg. 1/2-13 UNC-2B	8
23	804525	Nut, 3/8-24	8
24	809007	Nut, whizlock 3/8-16	4
25	805008	Washer, lock 1/2	8
26	805260	Washer, 3/8 std	4
27	806761	Pin, cotter 1/8 x 3/4	9
28	806800	Pin, cotter 9/64 x 1 1/2	2
29	808283	Pin, clevis 3/8 x 2	2
30	805269	Washer, 3/4 SAE	2
31	808514	E-Ring, retaining	2
32	523157	Washer, spacer	2

♦ Not Illustrated
Exmark black touch up spray paint - gloss black

PARK BRAKE GROUP



MOTION CONTROL LEVERS



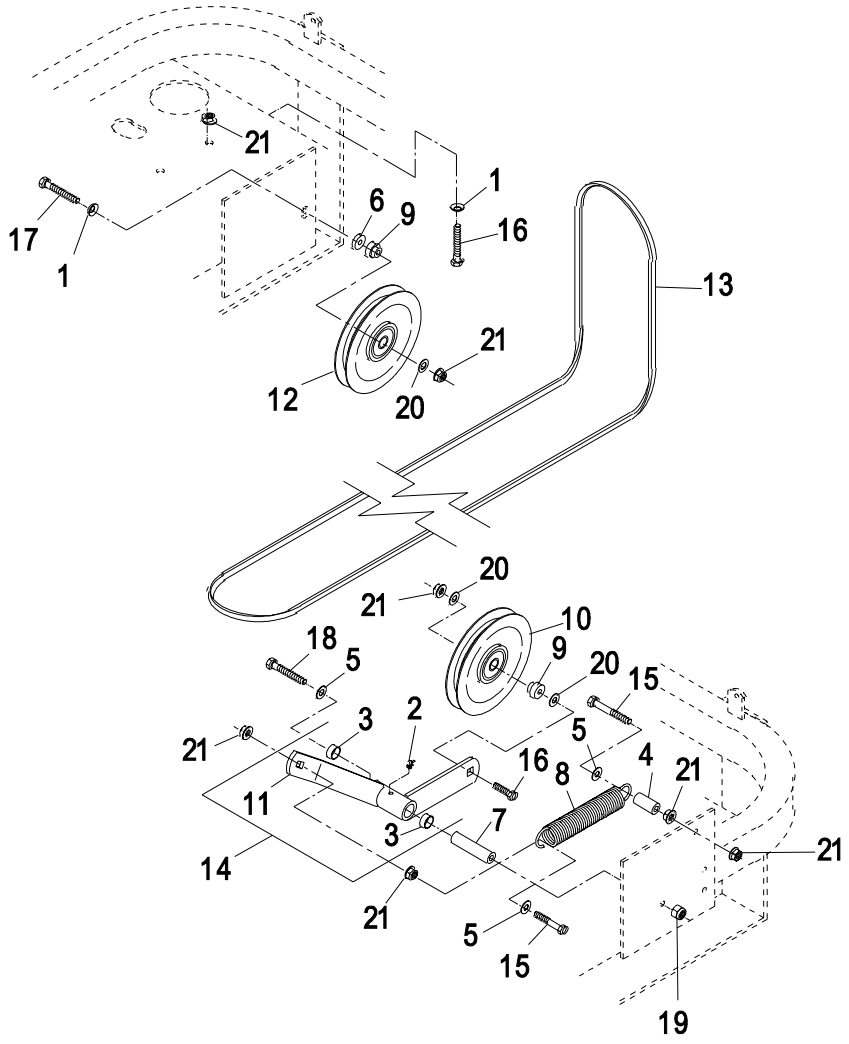
Ref. No.	Part No.	Description	Qty. Req'd.
1	303105	Yoke	2
2	303327	Washer, disc spring 3/8	4
3	523027	Damper	2
4	543017	Ball joint (RH)	2
5	603735	Bushing, nylon (reverse ind.)	2
6	603737	Bolt, (neutral return)	2
7	603807	Spring, (neutral return)	2
8	403180	Screw, 5/16-18 x 1 3/8 special	4
9	809001	Nut, whizlock 5/16-18	12
10*	634258	Handle w/grip (LH)	1
	632191	Handle, motion control (LH)	1
11	634259	Handle w/grip (RH)	1
	632193	Handle, motion control (RH)	1
12	632208	Arm, pump control	2
13	642319	Bracket, motion control (LH)	1
14	642320	Bracket, motion control (RH)	1
15	633153	Link, pump control	2
16	633102	Bearing, flanged	4
17	633152	Ball joint (LH)	2
18	633177	Arm, control shaft	2
19	633257	Grip, motion control handle	2
20	800274	Screw, 5/16-18 x 1 1/4	4
21	800290	Screw, 3/8-16 x 3/4	8
22	800292	Screw, 3/8-16 x 1	4
23	800295	Screw, 3/8-16 x 1 3/4	6
24	803022	Set screw, 5/16 x 5/8	2
25	804257	Nut, nyloc 3/8-16	6
26	804521	Nut, 5/16-24	10
27	804524	Nut, 5/16-24 (LH)	2
28	804758	Nut, jam 5/16-24	2
29	805256	Washer, 1/4	2
30	805258	Washer, 5/16 std	4
31	809007	Nut, whizlock 3/8-16	8
32	806753	Pin, cotter 3/32 x 1/2	2
33	808280	Pin, clevis 5/16 x 1	2
34	804256	Nut, nyloc 5/16-18	4

* Not Illustrated.

Exmark black touch up spray paint - gloss black

Use Pro-Lock, Nut Type (P/N 840022, .5ml tube) on setscrews

COMMON ENGINE DECK GROUP



Ref. No.	.Part No.	Description	Qty. Req'd.
1	303327	Washer, spring disc 3/8	5
2	811008	Zerk, 1/4-20 (90º)	1
3	513034	Bearing	2
4	603401	Spacer, spring	1
5	805260	Washer, 3/8	3
6	603050	Spacer	1
7	603384	Bushing, idler pivot	1
8	603402	Spring, mule idler	1
9	603496	Bushing, idler	2
10	603805	Pulley, idler	1
11	632468	Arm, idler	1

Ref. No.	Part No.	Description	Qty. Req'd.
12	633166	Pulley, idler	1
13	633173	Belt, mule drive	1
14	632469	Arm, idler w/bushings	1
15	800297	Screw, 3/8-16 x 2 1/4	2
16	800295	Screw, 3/8-16 x 1 3/4 (Koh)	5
	800295	Screw, 3/8-16 x 1 3/4 (Kaw)	1
17	800299	Screw, 3/8-16 x 2 3/4	1
18	800805	Screw, 3/8-16 x 3 1/2	1
19	804257	Nut, nylock 3/8	1
20	805259	Washer, 3/8 sae	3
21	809007	Nut, whizlock 3/8-16	10

Exmark black touch up spray paint - gloss black

KOHLER AIR-COOLED ENGINE DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	800292	Screw, Hex Cap 3/8-16 x 1	2
2	303335	Plastic tie (all clutches)	1
3	523420	Bumper, rubber	2
4	800274	Screw, Cap 5/16x1 1/4(Warner)	1
5	633630	Grommet (all clutches)	2
6	603610	Washer, spring disc (all clutches)	2
7	633615	Guard, rear engine	1
8	633543	Strap, clutch (all clutches)	1
9♦	631731	Clutch w/tie (18 & 23 HP Warner)	1
▲	631732	Clutch w/tie (25 & 26 HP Warner)	1
10	633453	Spacer (18 & 23 HP Warner)	1
▲	633179	Spacer (25 & 26 HP Warner)	1
11	634308	Shield, lift - subassembly	1
12	633298	Shield, engine	1
13	633300	Shield, lift	1
14	634796	Shield (LH) - subassembly	1
15	633301	Shield, heat	2
16	633795	Baffle, engine (LH)	1
17	643313	Shield, muffler	1
18	644316	Shield (RH) - subassembly	1
19	523285	Clip, shield	2
20	633794	Baffle, engine (RH)	1
21	800284	Screw, 5/16-18x4(Warner)	1
22	800252	Screw, 1/4-20 x 3/4	10
23	613235	Washer (Warner and 18 & 23 HP Ogura)	4
	613235	Washer (25 HP Ogura)	5
24	800292	Screw, 3/8-16 x 1	6
	800292	Screw, 3/8-16 x 1 (26hp Koh)	7
25¤	800819	Screw, 7/16-20x2 1/2 (Warner & 25 HP Ogura)	1
26	803035	Rivet, 3/16 x 1/4	11
27	804255	Nut, nylock 1/4-20	6
28	643264	Bracket, guard top	2
29	805256	Washer, 1/4 std	4
30	805258	Washer, 5/16 std (Warner & 25 HP Ogura)	1
31	809001	Nut, whizlock 5/16-18 (Warner)	1
32	809007	Nut, whizlock 3/8-16	8
	809007	Nut, whizlock 3/8-16 (26hp Koh)	9
33	809012	Nut, whizlock 1/4-20	5
34	633396	Clip, loom .56	1
35	809076	Screw, M6 x 1.0mm x 45mm	2
36	323235	Washer, disc spring	2
37	323236	Spacer	2
38	633545	Spacer, Grommet (all clutches)	2
39	633988	Spacer, clutch anchor	1
40	804256	Nut, nyloc 5/16-18 (Warner)	1
	804256	Nut, nyloc 5/16-18 (Ogura)	2
41	805507	Washer, 3/16 std.	6
42∇	543232	Nipple, pipe 3/8 NPT	1
43∇	303428	Elbow, 3/8 NPT	1
44	800281	Screw, 5/16-18x3.0 (Ogura)	1
45	633082	Spacer, clutch anchor (Ogura)	1
46	800275	Screw, Hex Cap 5/16-18x1 1/2 (Ogura)	1
47	643179	Spacer, clutch (25HP Ogura)	1
48♦	641212	Clutch w/tie (25HP Ogura)	1
49	643180	Keeper, Clutch (25 HP Ogura)	1
50	807261	Key, 1/4x1/4x2.0 (Ogura)	1
51¤	800820	Screw, 7/16-20x3 (18 & 23 HP Ogura)	1
52	643182	Keeper, Clutch (18 & 23 HP Ogura)	1
53•		Clutch w/tie (18 & 23HP Ogura)	1
54	643183	Spacer, clutch (18 & 23HP Ogura)	1
55	805257	Washer, 5/16 SAE (18 & 23 HP Ogura)	1
56	643181	Washer, Spacer (18 & 23HP Ogura)	1
57	809108	Screw, 5/16-18x1.75 (26hp Koh)	2
58	643315	Baffle, Engine Cooler	1
59	643176	Muffler, 26hp EFI Kohler	1
60	809102	Screw, 5/16-18x.5 (26hp Koh)	2
61	800315	Screw, 7/16-14x.75 g5(26hp Koh)	2
62	805007	Washer, Lock 7/16 (26hp Koh)	2
63	809099	Nut, Hex M8 1.25 (26hp Koh)	4
64	805005	Washer, Lock 5/16hvy(26hp Koh)	4

∇ Use a Teflon Pipe Sealant or equivalent on threads.

¤ Use Pro-Lock, Nut Type (P/N 840022, .5ml tube) on clutch bolt.
Exmark black touch up spray paint - gloss black

♦ Replacement kits are available to convert to a Warner or Ogura clutch. Reference the table below.

Current Clutch Description	Conversion Replacement Kit	
	PN	Description
25 HP Warner	641300	25 HP Ogura Conversion Kit
25 HP Ogura	641299	25 HP Warner Conversion Kit
18 & 23 HP Warner	No Ogura Conversion kit available. Replace w/Warner PN 631731	
•18 & 23 HP Ogura	641213	18 & 23 HP Warner Conversion Kit

• 18 & 23 HP Ogura clutches will only be serviced with PN 641213 18 & 23 HP Warner Conversion Kit

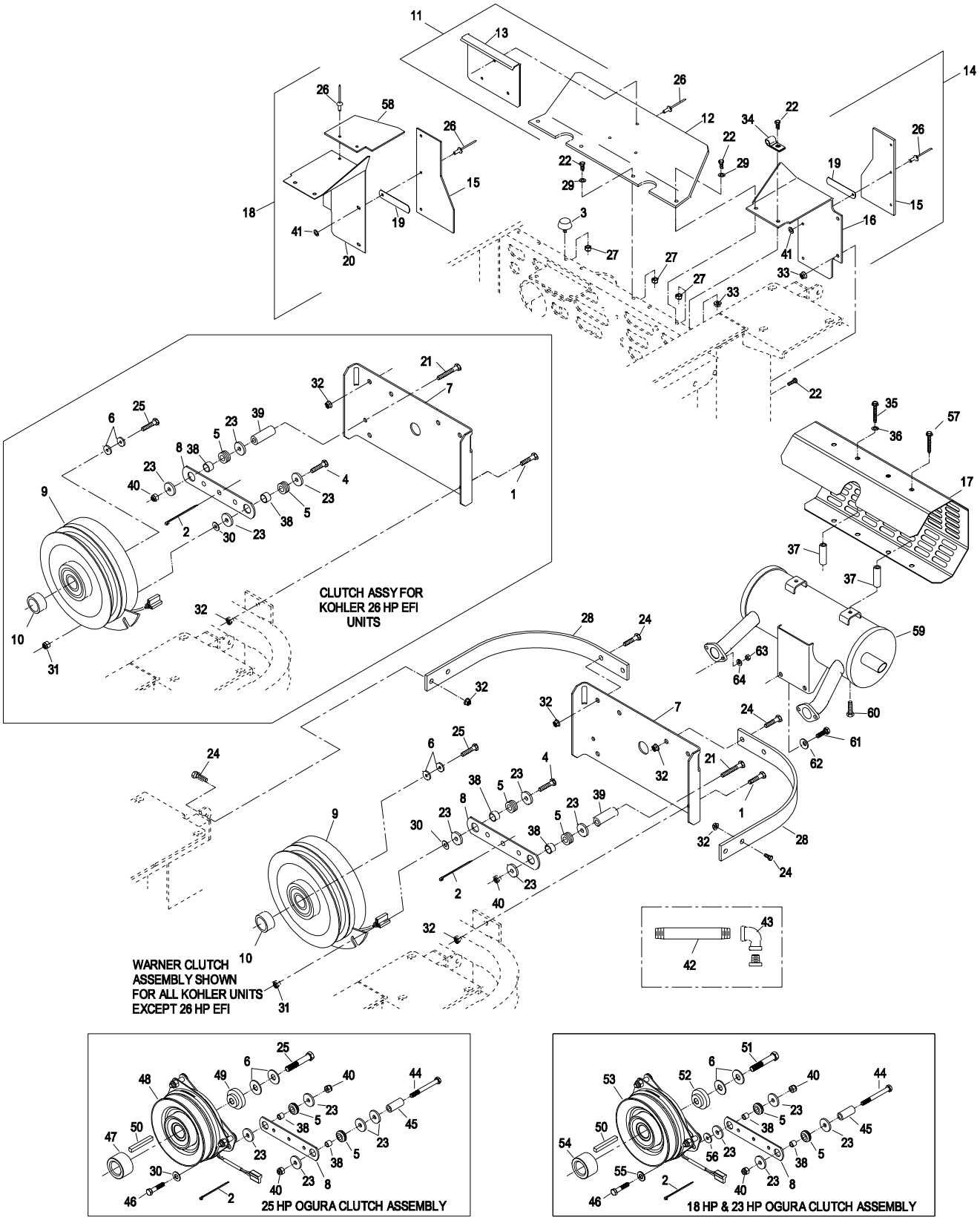
▲ Kohler 26 HP EFI units are only available with a Warner clutch.

Kohler Replacement Parts List (Refer to Engine Owner's Manual)

Description	Kohler Part No.
Engine Oil Filter	5205002
Air Precleaner (For 18 & 23hp Engine)	2408302
(For 25hp Engine)	2408305

Description	Kohler Part No.
Air Filter (For 18 & 23hp Engine)	4708303
(For 25hp Engine)	2408303
(For 26hp EFI Engine)	2508301
Safety Filter (For 26hp EFI Engine)	2508304

KOHLER AIR-COOLED ENGINE DECK GROUP

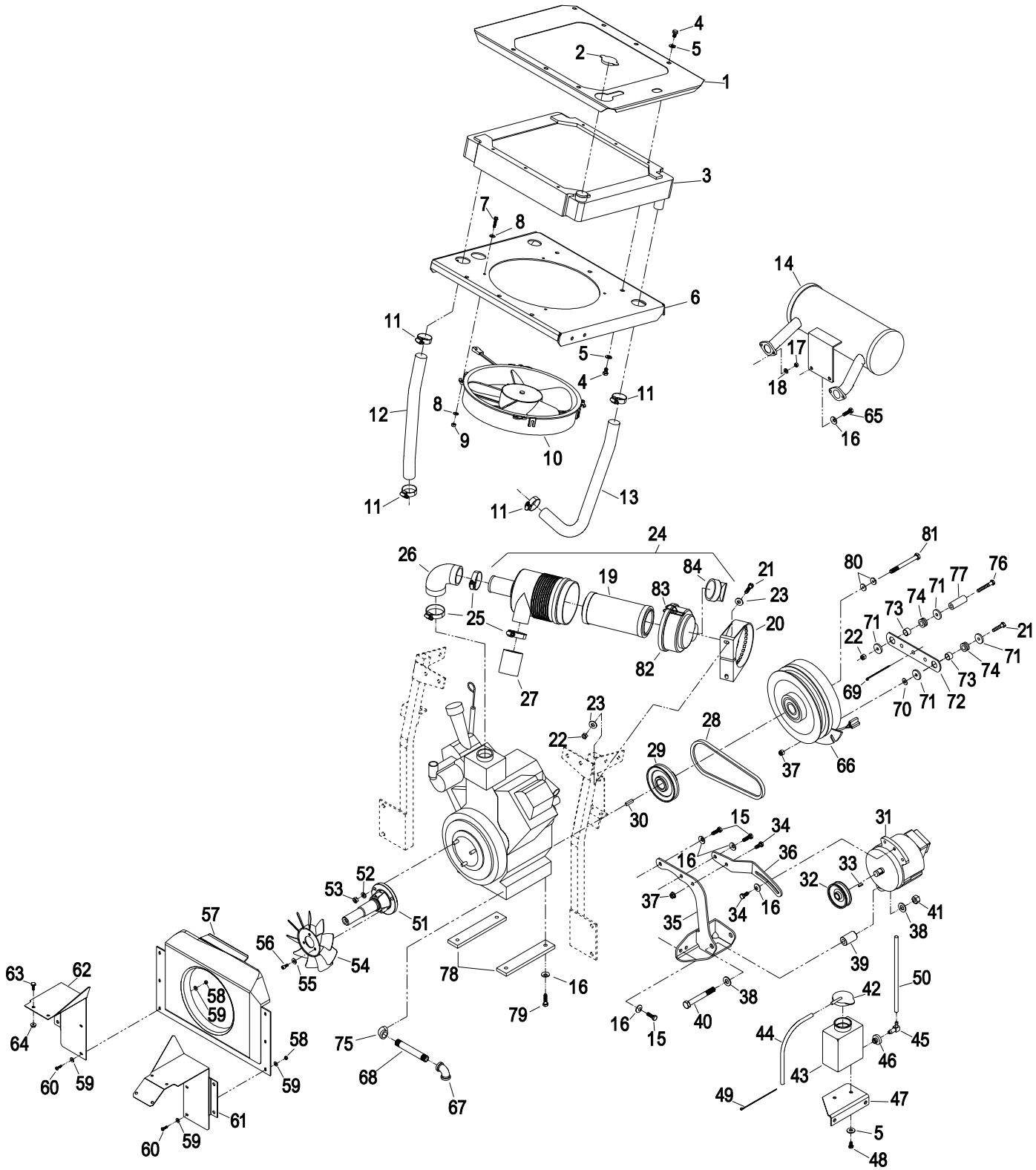


KAWASAKI LIQUID-COOLED ENGINE DECK GROUP

Ref No.	Part No.	Description	Qty. Req'd.
1	633902	Plate, Radiator Trim Face	1
2	643161	Cap, Radiator	1
3	633829	Radiator, horiz. mount	1
4	800269	5/16-18x1/2 HHC Screw	12
5	805257	Washer, Flat SAE 5/16	14
6	633888	Plate, Radiator/Fan Mnt.	1
7	803067	Scrw,12-24x1.0HSWHMach.	4
8	805254	Washer, Flat Std #12	8
9	804254	Nut, Nyloc HH #12-24	4
10	633831	Fan Assy, 12" Hi Profile	1
11	633989	Clamp, Hose-worm .75-1.75	4
12	633894	Hose, Radiator Inlet	1
13	633895	Hose, Radiator-Return	1
14	633832	Muffler	1
15	809072	Screw, Cap Hex M8 x25mm	4
16	303334	Washer, Disc Spring 5/16	11
17	809098	Nut, Hex M6	4
18	805004	Washer, Lock 1/4 Hvy	4
19	93-2195	Element, filter Primary	1
20	95-5806	Bracket, air cleaner mount	1
21	800274	Screw, Cap Hex 5/16-18x1-1/4	3
22	804256	Nut, Nyloc 5/16-18	3
23	805258	Washer, Flat Std 5/16	4
24	95-5805	Cleaner, remote air w/filter	1
25	643009	Clamp, Hose 1.31-2.25	3
26	643083	Hose, Air cleaner/carb	1
27	643084	Hose, Air inlet	1
28	633853	Belt, Alternator	1
29	633841	Sheave w/hub	1
30	807259	Key, Mach 1/4x1/4x1	1
31	633881	Alternator	1
	643158	Regulator, Alternator	1
	643159	Brushes, Alternator	1
	643160	Bearing, Alternator	1
32	633882	Sheave, Alternator	1
33	807004	Key	1
34	800271	Screw, Cap Hex 5/16-18x3/4	1
35	632835	Bracket, Alternator	1
36	633838	Arm, Alternator tension.	1
37	809001	Nut, Whizlock 5/16-18	2
38	805263	Washer, flat SAE 1/2	2
39	633839	Spacer	1
40	800347	Screw, Cap HH 1/2-13x4	1
41	804265	Nut, Nyloc ½-13	1
42	643164	Cap, Overflow Tank	1
43	643163	Tank, Overflow (2.0 pts)	1
44	643131	Hose, .25 ID x 22.00"	1
45	643259	Elbow, 90deg	1
46	513645	Bushing, Fuel Valve	1
47	643024	Bracket, Bottle	1
48	800250	Screw, Cap Hex 1/4-20x1/2	2
49	303287	Plastic Tie 5.5x.044x.1	3
50	643129	Hose, .31 ID x 27.00"	1
51	633851	Extension, Crankshaft	1
52	805005	Washer, Lock 5/16	3
53	809099	Nut, Hex M8	3
54	633869	Fan, Pump Cooling	1
55	805255	Washer, Flat SAE 1/4	3
56	809095	Screw, HexSocket 1/4-20x1/2	3
57	633854	Shroud, Pump Cooling Fan	1
58	804252	Nut, Nyloc #10-24	6
59	805252	Washer, Flat Std #10	12
60	803028	Screw, Mach #10-24x5/8	6
61	643143	Shield, LH Liquid	1
62	633794	Shield, RH Eng Shield	1
63	800252	Screw, Cap HH 1/4-20x5/8	6
64	809012	Nut, Whizlock 1/4-20	6
65	809026	Screw, Cap HH M8 x16mm	2
66	631732	Clutch w/tie	1
67∇	303428	Elbow, 90°	1
68∇	643167	Nipple, 3/8 npt x 4.5	1
69	303335	Tie, plastic	1
70	805258	Washer, 5/16 std	1
71	613235	Washer	4
72	633543	Strap, Clutch/Brake	1
73	633545	Spacer, Grommet	2
74	633630	Grommet	2
75∇	403124	Elbow, Street	1
76	800385	Screw, Cap Hex 5/16-18x4.5	1
77	643008	Spacer, Clutch Anchor	1
78	643007	Spacer, Engine	2
79	809018	Screw, Cap M8x1.25x30mm	4
80	603610	Washer, disc spring 7/16	2
81	809096	Screw, Cap M10x1.5x65mm	1
82	94-3652	Cover w/latch	1
83	643283	Latch, Air cleaner	1
84	87-9400	Vacuator Valve	1

Replacement Engine Oil Filter - **Kawasaki** Part No. 49065-2078
Exmark black touch up spray paint – gloss black
∇ Use a Teflon Pipe Sealant or equivalent on threads.

KAWASAKI LIQUID-COOLED ENGINE DECK GROUP

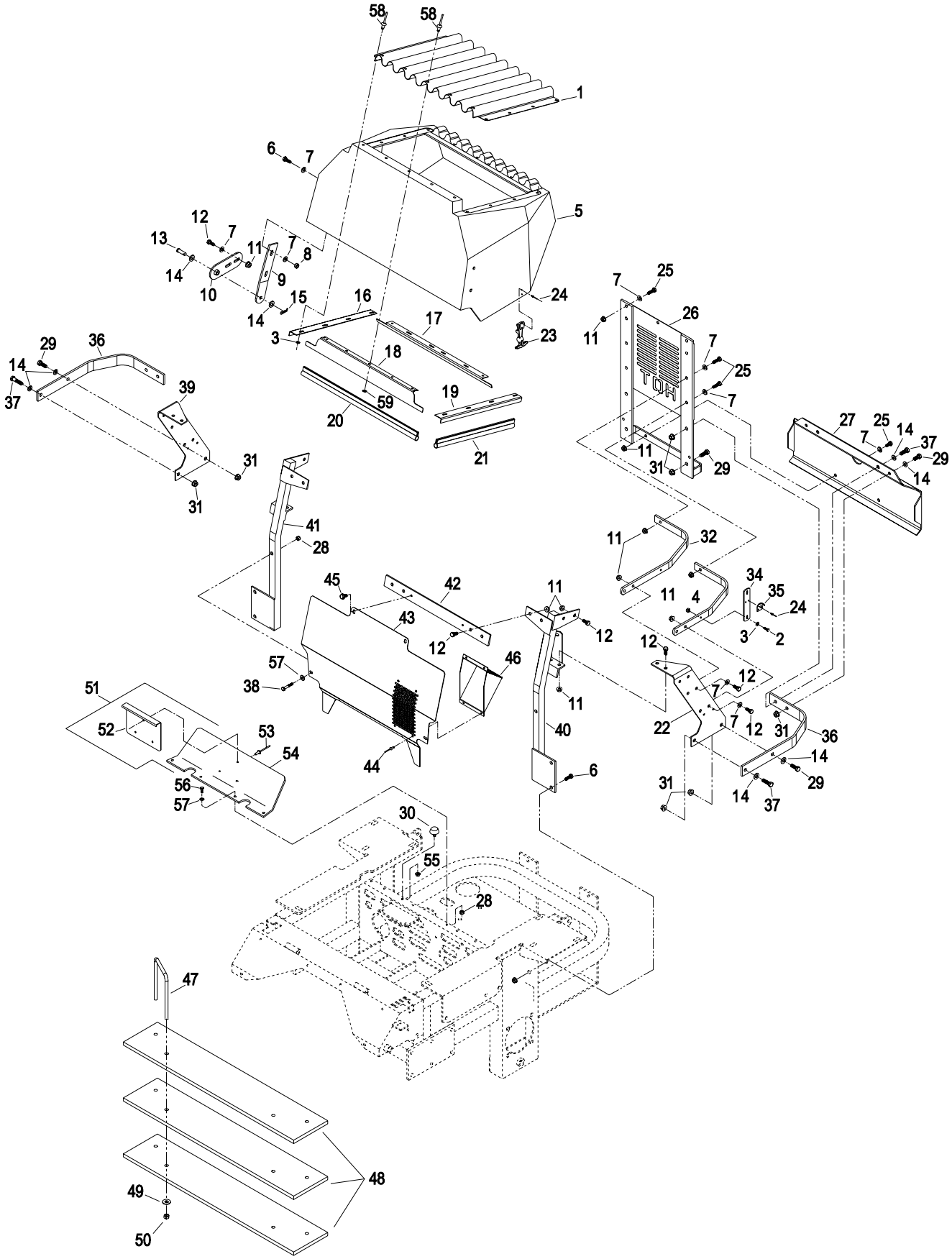


KAWASAKI LIQUID-COOLED ENGINE DECK GROUP (cont.)

Ref. No.	Part No.	Description	Qty. Req'd.
1	633864	Screen, Radiator Intake	1
2	803069	Screw, 10-24X.75 BHSCap	4
3	805252	Washer, Flat Std #10	16
4	804252	Nut, Nyloc #10-24	4
5	633857	Hood, Engine Gray	1
6	800272	Screw, Cap Hex 5/16-18x7/8	8
7	805257	Washer, Flat SAE 5/16	21
8	804256	Nut, Nyloc 5/16-18	4
9	633885	Plate, Hood Hinge	2
10	632986	Hinge, Shackle wld	2
11	809001	Nut, Whizlock 5/16-18	37
12	800271	Screw, Cap Hex 5/16-18x3/4	24
13	808285	Pin, Clevis 3/8x1 1/8	2
14	805259	Washer, Flat SAE 3/8	12
15	806003	Pin, Hair Cotter .080 #2	2
16	643106	Angle, Rad. Trim Side RH	1
17	643108	Angle, Rad. Trim Bottom	1
18	643107	Angle, Rad. Trim Top	1
19	643105	Angle, Rad. Trim Side LH	1
20	643187	Seal, Trim - 20" Length	2
21	643186	Seal, Trim - 14" Length	2
22	633900	Plate, Side Rad. Mnt. LH	1
23	643188	Latch, EPDM Rubber	2
24	803056	Pop Rivet	8
25	800273	Screw, Cap Hex 5/16-18x1	9
26	632873	Radiator Mount weld-rear	1
27	633886	Bumper, Rear	1
28	804255	Nut, Nyloc 1/4-20	6
29	800292	Screw, Cap Hex 3/8-16x1	6
30	523420	Bumper, rubber	2
31	809007	Nut, Whizlock 3/8-16	10
32	633897	Rib, Top	2
33	633898	Rib, Bottom	2
34	633877	Bar, Latch Hook	2
35	643189	Keeper, Rubber Latch	2
36	633896	Bar, Rad. Mnt. Frame	2
37	800293	Screw, Cap Hex 3/8-16x1-1/4	4
38	800256	Screw, Cap Hex1/4-20x1 1/2	2
39	633901	Plate, Side Rad. Mnt. RH	1
40	632984	Radiator Brace wldmt-LH	1
41	632985	Radiator Brace wldmt-RH	1
42	633878	Crossbar	1
43	643087	Deflector, Air	1
44	803010	Pop Rivet- Stl 3/16x.250	4
45	809086	Screw, Tapping1/4-20x.75	2
46	643096	Plenum, Air intake	1
47	643147	U-bolt	2
48	643150	Weight Bar (60” deck)	3
	643150	Weight Bar (52” deck)	4
49	805260	Washer, flat Std 3/8	4
50	804257	Nut, Nyloc 3/8-16	4
51	634308	Shield, lift - subassembly	1
52	633300	Shield, lift	1
53	803035	Rivet, Alum. 3/16x1/4	3
54	633298	Shield, engine	1
55	809012	Nut, Whizlock 1/4-20	2
56	800252	Screw, 1/4-20x3/4	4
57	805256	Washer, 1/4 std	6
58	803072	Rivet, Bulbex .19 x1.07	17
59	303435	Washer, Spring Disc .25	5

Exmark black touch up spray paint – gloss black

KAWASAKI LIQUID-COOLED ENGINE DECK GROUP (cont.)



HYDRAULIC GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	403102	Hose, Lower 52" & 60"	2
2∇	512166	Tank, hydraulic reservoir	1
3∇	513006	Head, filter	1
4	513034	Bearing, pivot	2
5	513167	Cap, hydraulic tank	1
6	513211	Element, hydraulic oil filter	1
♦	523541	Element, hyd oil filter(winter)	1
7	513840	Elbow, 90° w/O-ring	2
	603921	O-Ring	1
8	522217	Hose, low pressure (7")	1
9	523103	Gasket, tank cap	1
10	523222	Elbow, 45° (w/O-rings)	4
	603919	O-Ring (SAE #10)	1
	603992	O-Ring (37° flare #8)	1
11	523328	Motor, wheel drive	2
	000099	Kit, seal	1
	000139	Kit, bearing	1
12	603384	Bushing, idler pivot	1
13	603413	Spring, pump drive idler	1
14	603721	Fitting, tee (3/8" i.d. hose)	1
15	603722	Fitting, tee (1/4" i.d. hose)	1
16	603826	Clamp, hose (1/2")	3
17	603827	Clamp, hose (5/8")	5
18	603987	Elbow, 90° 7/16-JIC x 1/4-NPT	1
19	603988	Elbow, 90° 9/16-JIC x 1/4-NPT	1
20	603989	Elbow, 90° (w/O-ring)	2
	603923	O-Ring (SAE #4)	1
21	603990	Connector, strght. (w/O-rings)	4
	603920	O-Ring (SAE #8)	1
	603992	O-Ring (37° flare #8)	1
22	613034	Hose, high pressure 60"	2
	403102	Hose, high pressure 52"	2
23	632201	Arm, pump idler	1
24	632281	Hose, low pressure (12")	1
25	632282	Hose, low pressure (20 1/2")	1
26	632285	Hose, low pressure (11 1/4")	1
27	632286	Hose, low pressure (4")	1
28	633568	Sheave, pump	2
29	633567	Sheave, engine	1
30	633569	Belt, pump drive	1
31	633167	Pulley, idler w/bushing	1
32	633335	Hose, low pressure (14 1/2")	2
33	634277	Arm, w/bearing	1
34	800252	Screw, 1/4-20 x 3/4	2
35	800294	Screw, 3/8-16 x 1 1/2	1
36	800295	Screw, 3/8-16 x 1 3/4	1
37	800805	Screw, 3/8-16 x 3 1/2	1
38	800293	Screw, 3/8-16 x 1	4
39	803022	Setscrew, 5/16-18 x 5/8	2
40	803046	Setscrew, 5/16-18 x 1	2
41	803050	Setscrew, 5/16-18 x 3/4	2
42	805004	Lockwasher, 1/4	2
43	805258	Washer, 5/16 std	1
44	805260	Washer, 3/8 std	1
45	807263	Key, 1/4 x 1/4 x 1 1/4	1
46	807272	Key, 5mm x 5mm x 25mm	2
47	809007	Nut, 3/8-16 whizlock	8
48	809012	Nut, whizlock 1/4-20	2
49	811008	Zerk, 90° 1/4-28	1
50	800251	Screw, 1/4-20 x 5/8	2
51	603841	Pump, hydro	2
	2513018	Kit, overhaul seal	1
52	633786	Elbow, 90°(w/O-rings)	4
	603919	O-Ring (SAE #10)	1
	603992	O-Ring (37° flare #8)	1
53	633775	Hose, lower (52"&60")	2
	633777	Hose, lower (72")	2
54	633774	Hose, upper (52"&60")	2
	633776	Hose, upper (72")	2

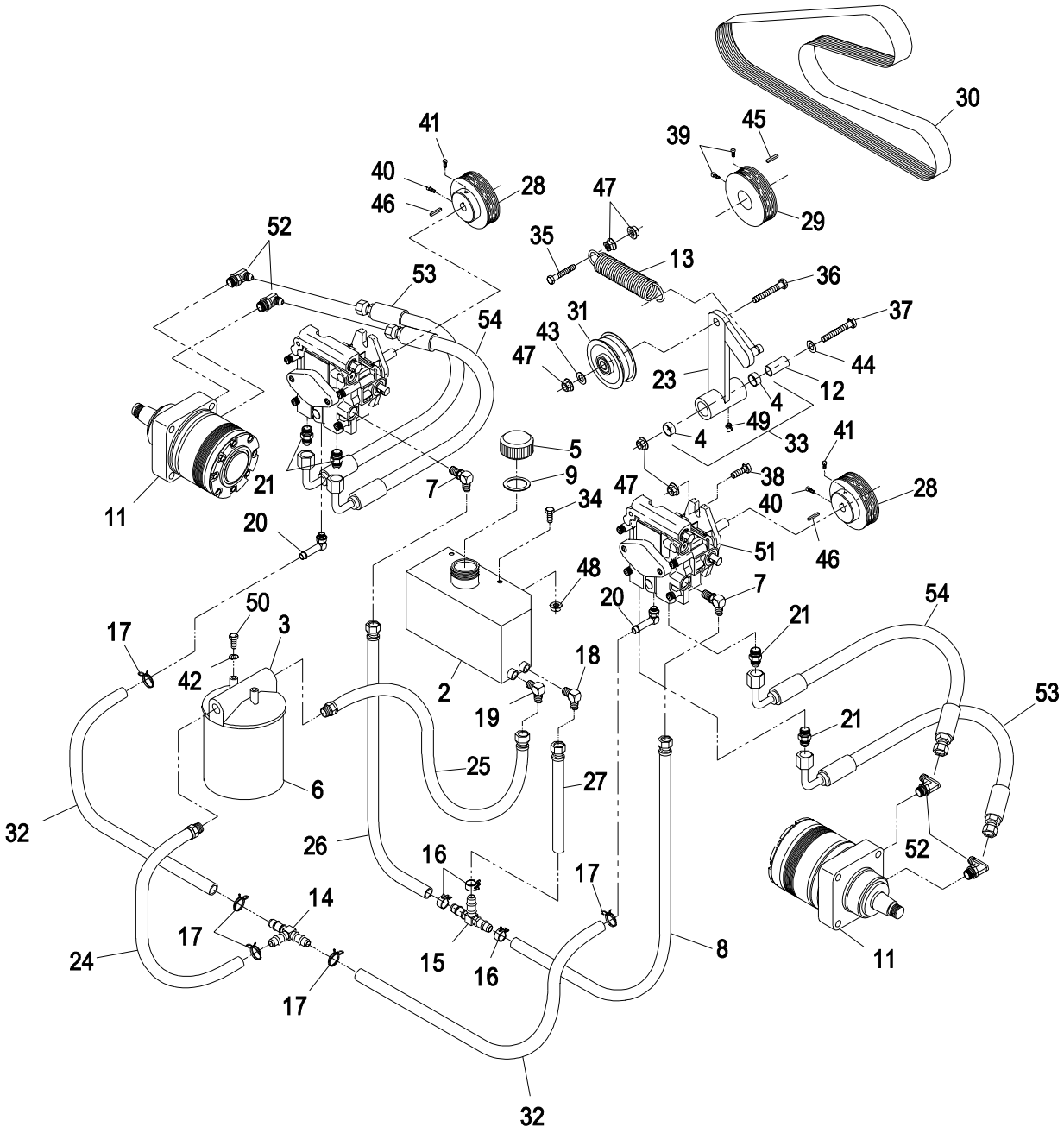
Use Pro-Lock, Nut Type (P/N 840022, 5 ml tube) on setscrews.

∇ Use Teflon pipe sealant on pipe threads in reservoir & filter head.

Exmark black touch up spray paint - gloss black

♦ Use only for operation below 32°F (0°C)

HYDRAULIC GROUP

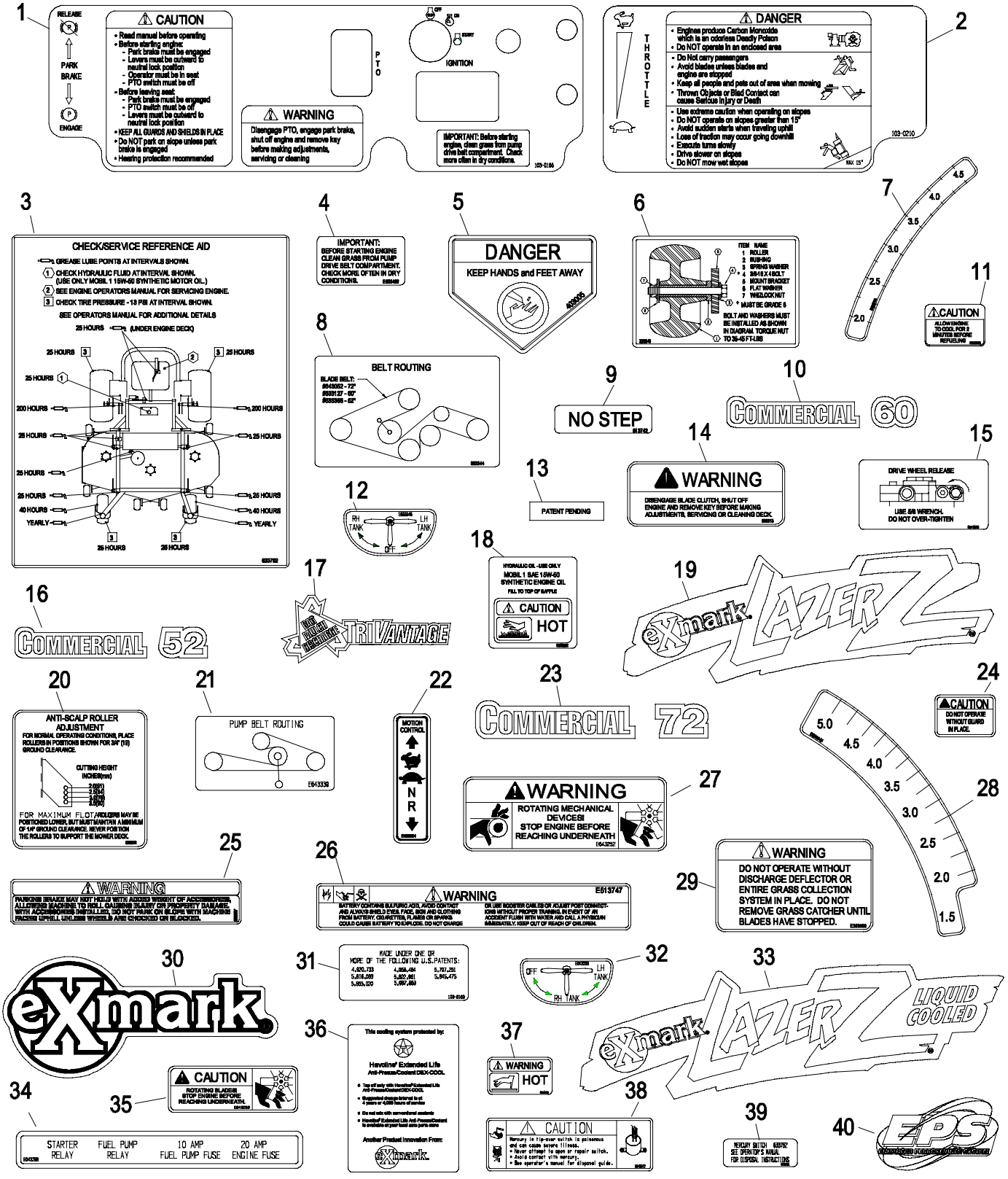


DECAL GROUP

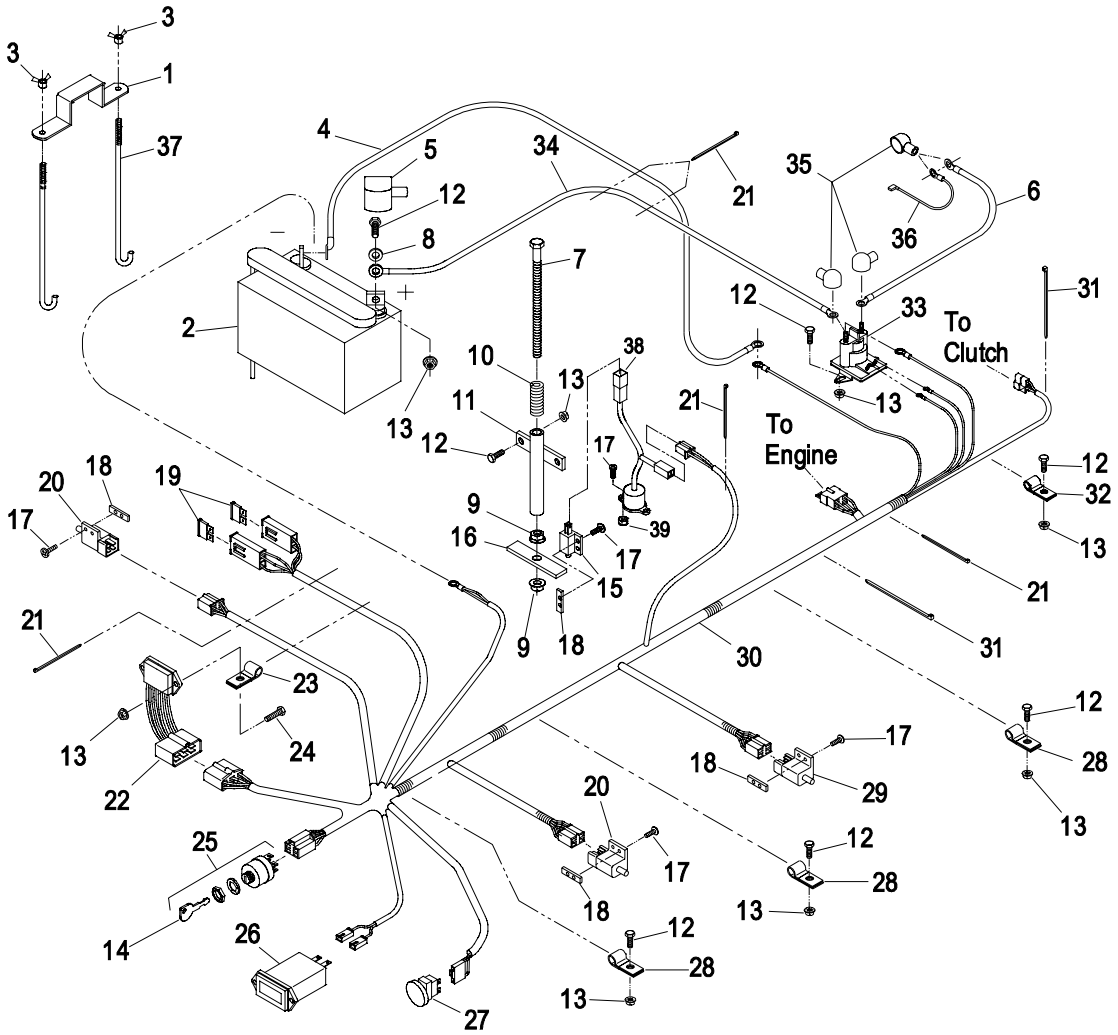
Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0166	Decal, Console 1	1
2	103-0210	Decal, Console 2	1
3	633702	Decal, Check Service	1
4	633462	Decal, Important	1
5	403005	Decal, Danger	2
6	323540	Decal, Roller Mounting	1
7	633706	Decal, Deck Height	1
8	643222	Decal, Belt Routing	1
9	513742	Decal, No Step	2
10	613050	Decal, Commercial 60	1
11	303293	Decal, 2 Minute Cool	2
12♦	633346	Decal, Fuel Valve	1
13*	373066	Decal, Patent Pending	1
14	633313	Decal, Warning	1
15	513929	Decal, Drive Release	1
16	403132	Decal, Commercial 52	1
17	303520	Decal, TriVantage (52" & 60")	1
	643140	Decal, TriVantage (72")	1
18	523552	Decal, Hyd Tank/Hot Surface	1
19**	633350	Decal, Lazer Swash	1
20	633922	Decal, Anti-Scalp	1
21	643339	Decal, Pump Belt Rtg	1
22	633354	Decal, Motion Control	2
23	643082	Decal, Commercial 72	1
24	513748	Decal, Guard	2
25	633827	Decal, Park Brake Warning	1
26	513747	Decal, Battery	1
27	643252	Decal, Rotating Devices	1
28	633345	Decal, Deck Height	1
29	303508	Decal, Discharge Warning	1
30*	643103	Decal, Exmark logo	2
∇	643386	Decal, Exmark logo	1
31	103-0160	Decal, Patent No.	1
32•	643233	Decal, Fuel Valve-Dual	1
33*	643104	Decal, L.C. Lazer Swash	2
34•	643288	Decal, Fuse/Relay	1
35*	643253	Decal, Radiator Fan	1
36☆	103-0223	Decal, Havoline Coolant (60")	1
37*	633770	Decal, Hot Surface	2
38	643372	Decal, Hazardous Material	1
39	643401	Decal, Mercury Switch	1
40•	643397	Decal, EPS	1
	644374	Decal Kit-Kohler Air-Cooled	
	644373	Decal Kit-Kawasaki Liquid-Cooled	
	644318	Decal Kit-26 HP EFI Kohler	

* Decals for Kawasaki Liquid-Cooled units only.
** Decal for Kohler Air-Cooled units only.
♦ Decal for all units except 26 HP EFI Kohler.
• Decals for 26 HP EFI Kohler units only.
∇ Decal for all units except Kawasaki Liquid-Cooled.
☆ Decal for 23HP Kawasaki Liquid-Cooled units only.

DECAL GROUP


1
RELEASE
PARK BRAKE
ENGAGE
CAUTION
• Read manual before operating
• Before starting engine:
- Park brake must be engaged
- Levers must be outward to neutral lock position
- Operator must be in seat
- PTO switch must be off
• Before leaving seat:
- Park brake must be engaged
- PTO switch must be off
- Levers must be outward to neutral lock position
• KEEP ALL GUARDS AND SHIELDS IN PLACE
• Do NOT park on slope unless park brake is engaged
• Hearing protection recommended
WARNING
Disengage PTO, engage park brake, shut off engine and remove key before making adjustments, servicing or cleaning
PTO
IGNITION
IMPORTANT: Before starting engine, clean grass from pump drive belt compartment. Check more often in dry conditions.
2
THROTTLE
DANGER
• Engines produce Carbon Monoxide which is an odorless Deadly Poison
• Do NOT operate in an enclosed area
• Do Not carry passengers
• Avoid blades unless blades and engine are stopped
• Keep all people and pets out of area when mowing
• Thrown Objects or Blad Contact can cause Serious Injury or Death
• Use extreme caution when operating on slopes
• Do NOT operate on slopes greater than 15°
• Avoid sudden starts when traveling uphill
• Loss of traction may occur going downhill
• Execute turns slowly
• Drive slower on slopes
• Do NOT mow wet slopes
MAX. 15°
3
CHECK/SERVICE REFERENCE AID
GREASE LUBE POINTS AT INTERVALS SHOWN.
1 CHECK HYDRAULIC FLUID AT INTERVAL SHOWN. (USE ONLY MOBIL 1 15W-50 SYNTHETIC MOTOR OIL.)
2 SEE ENGINE OPERATORS MANUAL FOR SERVICING ENGINE.
3 CHECK TIRE PRESSURE - 13 PSI AT INTERVAL SHOWN.
SEE OPERATORS MANUAL FOR ADDITIONAL DETAILS
25 HOURS (UNDER ENGINE DECK)
25 HOURS
200 HOURS
40 HOURS
YEARLY
4
IMPORTANT: BEFORE STARTING ENGINE CLEAN GRASS FROM PUMP DRIVE BELT COMPARTMENT. CHECK MORE OFTEN IN DRY CONDITIONS.
5
DANGER
KEEP HANDS and FEET AWAY
6
ITEM NAME
1 ROLLER
2 BUSHING
3 SPRING WASHER
4 3/8-16 X 4 BOLT
5 MOUNT BRACKET
6 FLAT WASHER
7 WHIZLOCK NUT
* MUST BE GRADE 5
BOLT AND WASHERS MUST BE INSTALLED AS SHOWN IN DIAGRAM. TORQUE NUT TO 35-45 FT-LBS
7
4.5
4.0
3.5
3.0
2.5
2.0
11
CAUTION
ALLOW ENGINE TO COOL FOR 2 MINUTES BEFORE REFUELING
8
BELT ROUTING
BLADE BELT:
#643052 - 72"
#633127 - 60"
#633365 - 52"
9
NO STEP
10
COMMERCIAL 60
13
PATENT PENDING
14
WARNING
DISENGAGE BLADE CLUTCH, SHUT OFF ENGINE AND REMOVE KEY BEFORE MAKING ADJUSTMENTS, SERVICING OR CLEANING DECK.
15
DRIVE WHEEL RELEASE
USE 5/8 WRENCH. DO NOT OVER-TIGHTEN
12
RH TANK
LH TANK
OFF
18
HYDRAULIC OIL - USE ONLY
MOBIL 1 SAE 15W-50 SYNTHETIC ENGINE OIL
FILL TO TOP OF BAFFLE
CAUTION
HOT
17
TRIVANTAGE
19
eXmark LAZER Z
16
COMMERCIAL 52
20
ANTI-SCALP ROLLER ADJUSTMENT
FOR NORMAL OPERATING CONDITIONS, PLACE ROLLERS IN POSITIONS SHOWN FOR 3/4" (19) GROUND CLEARANCE.
CUTTING HEIGHT INCHES(mm)
FOR MAXIMUM FLOAT, ROLLERS MAY BE POSITIONED LOWER, BUT MUST MAINTAIN A MINIMUM OF 1/4" GROUND CLEARANCE. NEVER POSITION THE ROLLERS TO SUPPORT THE MOWER DECK.
21
PUMP BELT ROUTING
22
MOTION CONTROL
N
R
23
COMMERCIAL 72
24
CAUTION
DO NOT OPERATE WITHOUT GUARD IN PLACE.
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
28
27
WARNING
ROTATING MECHANICAL DEVICES!
STOP ENGINE BEFORE REACHING UNDERNEATH
25
WARNING
26
WARNING
BATTERY CONTAINS SULFURIC ACID, AVOID CONTACT AND ALWAYS SHIELD EYES. FACE, SKIN AND CLOTHING FROM BATTERY, CIGARETTES, FLAMES OR SPARKS COULD CAUSE BATTERY TO EXPLODE. DO NOT CHARGE OR USE BOOSTER CABLES OR JOUMP POST CONNECT. IONS WITHOUT PROPER TRAINING. IN EVENT OF AN ACCIDENT FLUSH WITH WATER AND CALL A PHYSICIAN IMMEDIATELY. KEEP OUT OF REACH OF CHILDREN.
29
WARNING
DO NOT OPERATE WITHOUT DISCHARGE DEFLECTOR OR ENTIRE GRASS COLLECTION SYSTEM IN PLACE. DO NOT REMOVE GRASS CATCHER UNTIL BLADES HAVE STOPPED.
30
eXmark
31
MADE UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS:
4,920,733 4,958,484 5,767,251
5,816,033 5,822,961 5,845,475
5,865,009 5,987,869
32
OFF
LH TANK
RH TANK
33
eXmark LAZER Z LIQUID COOLED
34
35
CAUTION
ROTATING BLADES! STOP ENGINE BEFORE REACHING UNDERNEATH.
STARTER RELAY
FUEL PUMP RELAY
10 AMP FUEL PUMP FUSE
20 AMP ENGINE FUSE
36
This cooling system protected by:
Havoline® Extended Life Anti-Freeze/Coolant DEX-COOL
Another Product Innovation From:
eXmark
37
WARNING
HOT
38
CAUTION
Mercury in tip-over switch is poisonous and can cause severe illness.
• Never attempt to open or repair switch.
• Avoid contact with mercury.
• See operator's manual for disposal guide.
39
MERCURY SWITCH 633767
SEE OPERATOR'S MANUAL FOR DISPOSAL INSTRUCTIONS
40
EPS

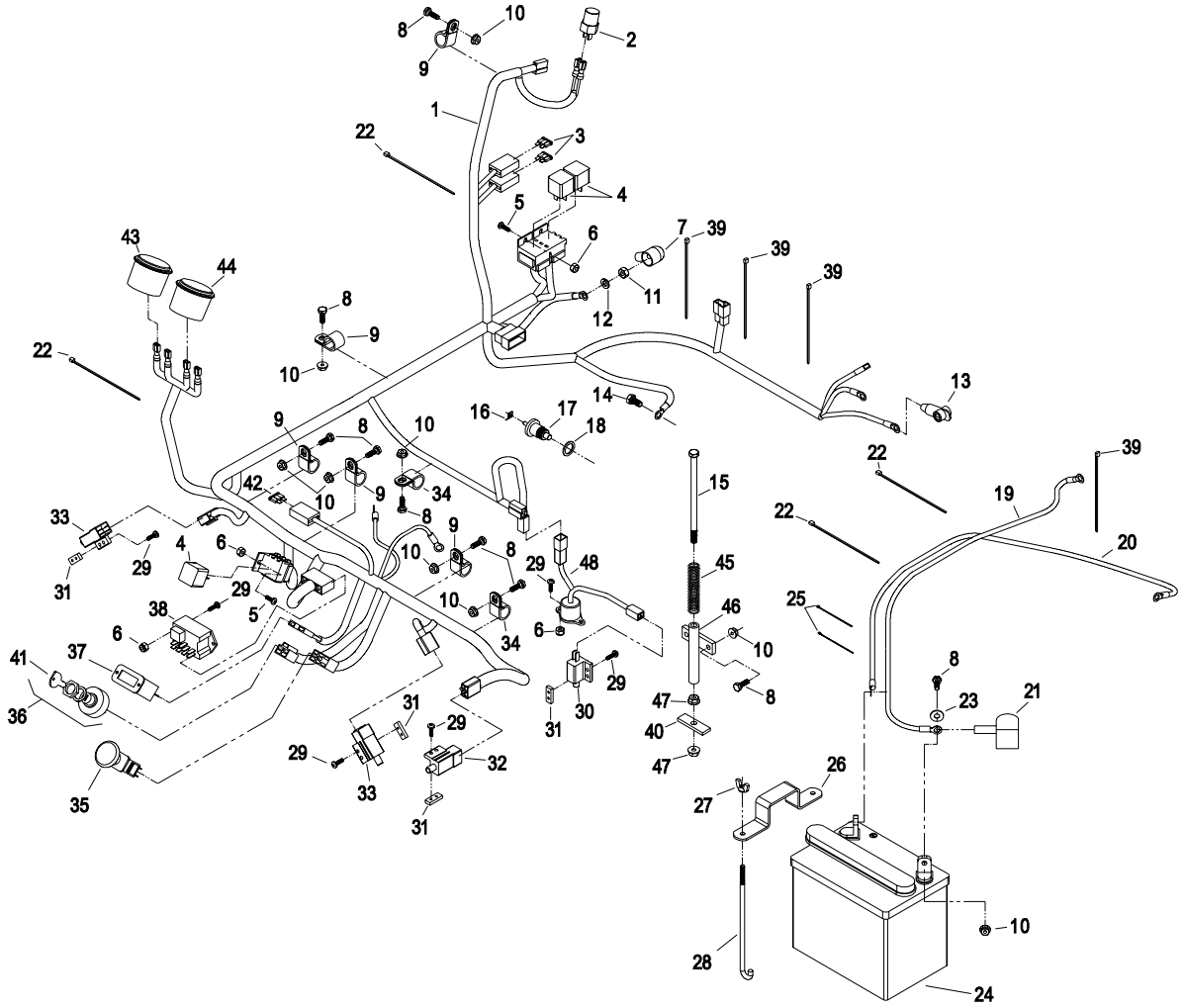
KOHLER 23, & 25 HP AIR-COOLED ELECTRICAL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	633652	Holdown-battery	1
2	603479	Battery-12V	1
3	543792	Wingnut, nyloc	2
4	633307	Cable-battery (-) 40”	1
5	543391	Insulator-battery	1
6	633306	Cable-starter (+) 8”	1
7	800282	Screw, 5/16-18x7	1
8	805256	Washer, 1/4 flat	2
9	809001	Nut, 5/16-18 whizlock	2
10	523415	Spring- seat switch	1
11	522424	Spring mount wldmt	1
12	800252	Screw, 1/4-20x3/4	10
13	809012	Nut, 1/4-20 whizlock	11
14	603511	Keys, ignition	1
15	513152	Switch- seat N.C.	1
16	513180	Actuator, seat switch	1
17	803028	Screw, #10-24x5/8	10
18	633181	Plate- tapped	4
19	816001	Fuse-20 amp	2
20	633111	Switch-drive lever N.O./N.C.	2
21	303287	Plastic tie (small)	5
22	543316	Module-safety interlock	1
23	513762	Clip-loom .50	1
24	800254	Screw, 1/4-20x1	1
25	543070	Switch-ignition w/ keys	1
26	513374	Meter- engine hours	1
27	633673	Switch	1
28	633396	Clip- loom .69	3
29	633110	Switch- brake N.O./N.O.	1
30	633677	Harness-wiring	1
31	303335	Plastic tie (large)	2
32	323229	Clip- loom .38	1
33	513075	Switch- 12v solenoid	1
34	523281	Cable- battery (+) 30”	1
35	543393	Insulator, solenoid (+)	3
36	543084	Wire- starter solenoid	1
37	633651	Bolt, battery holddown	2
38	633782	Switch, tilt	1
39	804252	Nut, 10-24 Hex Nyloc	2

Use dielectric grease on all wiring harness connectors.

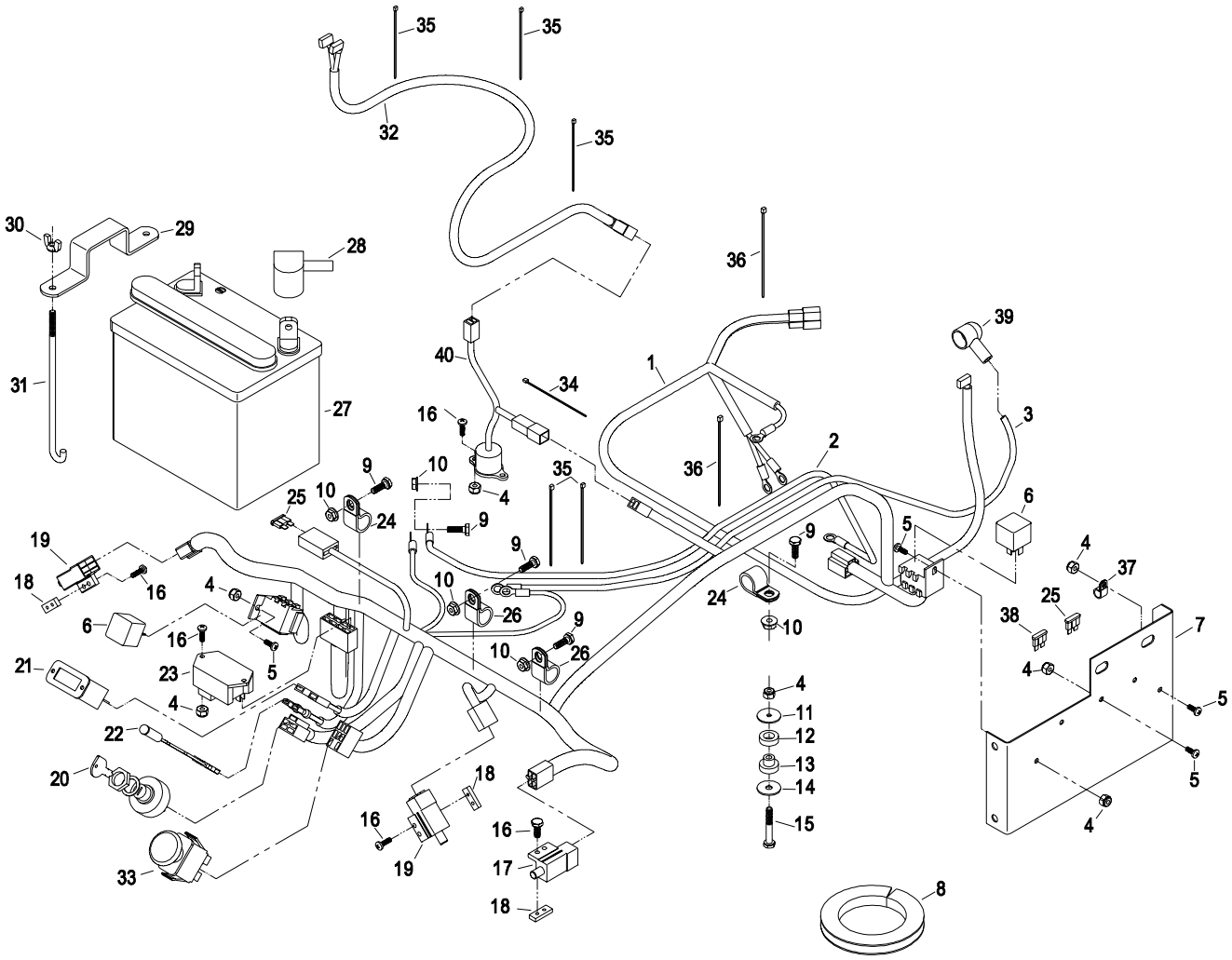
KAWASAKI LIQUID-COOLED ELECTRICAL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	643095	Harness-wiring	1	25	303287	Plastic tie (small)	5
2	633833	Switch, fan-thermal	1	26	633652	Holdown-battery	1
3	816003	Fuse-30 amp	2	27	543792	Wingnut, nyloc	2
4	643275	Relay, 12V	3	28	633651	Bolt, battery holddown	2
5	803071	Screw, machine #10-24x1/2	3	29	803028	Screw, #10-24x5/8	12
6	804252	Nut, nyloc #10-24	7	30	513152	Switch- seat N.C.	1
7	543393	Insulator, solenoid +	1	31	633181	Plate- tapped	4
8	800252	Screw, 1/4-20x3/4	11	32	633110	Switch- brake N.O./N.O.	1
9	633396	Clip- loom .69	5	33	633111	Switch-drive lever N.O./N.C.	2
10	809012	Nut, 1/4-20 whizlock	11	34	513762	Clip-loom .50	2
11	809099	Nut, hex M8-1.25	1	35	633673	Switch	1
12	805005	Washer, lock 5/16	1	36	543070	Switch-ignition w/ keys	1
13	643178	Insulator cap, alternator + red	1	37	513374	Meter- engine hours	1
14	809026	Screw, hex M8-1.25x16	1	38	633856	Module, ignition interlock	1
15	800282	Screw, 5/16-18x7	1	39	643115	Plastic tie (large)	5
16	643145	Tab, #10stud .25 Spade 45°	1	40	513180	Actuator, seat switch	1
17	643036	Sender Unit, Temp	1	41	603511	Keys, ignition	1
18	643153	Washer, Alumin Sender gskt	1	42	816001	Fuse-20 amp	1
19	523279	Cable- battery (+)	1	43	643037	Gauge, Voltmeter	1
20	633307	Cable-battery (-)	1	44	643021	Gauge, Temperature	1
21	543391	Insulator-battery	1	45	523415	Spring- seat switch	1
22	303335	Plastic tie (medium)	4	46	522424	Spring mount wldmt	1
23	805256	Washer, 1/4 flat	2	47	809001	Nut, 5/16-18 whizlock	2
24	603479	Battery-12V	1	48	633782	Switch, tilt	1

Use dielectric grease on all wiring harness connectors.

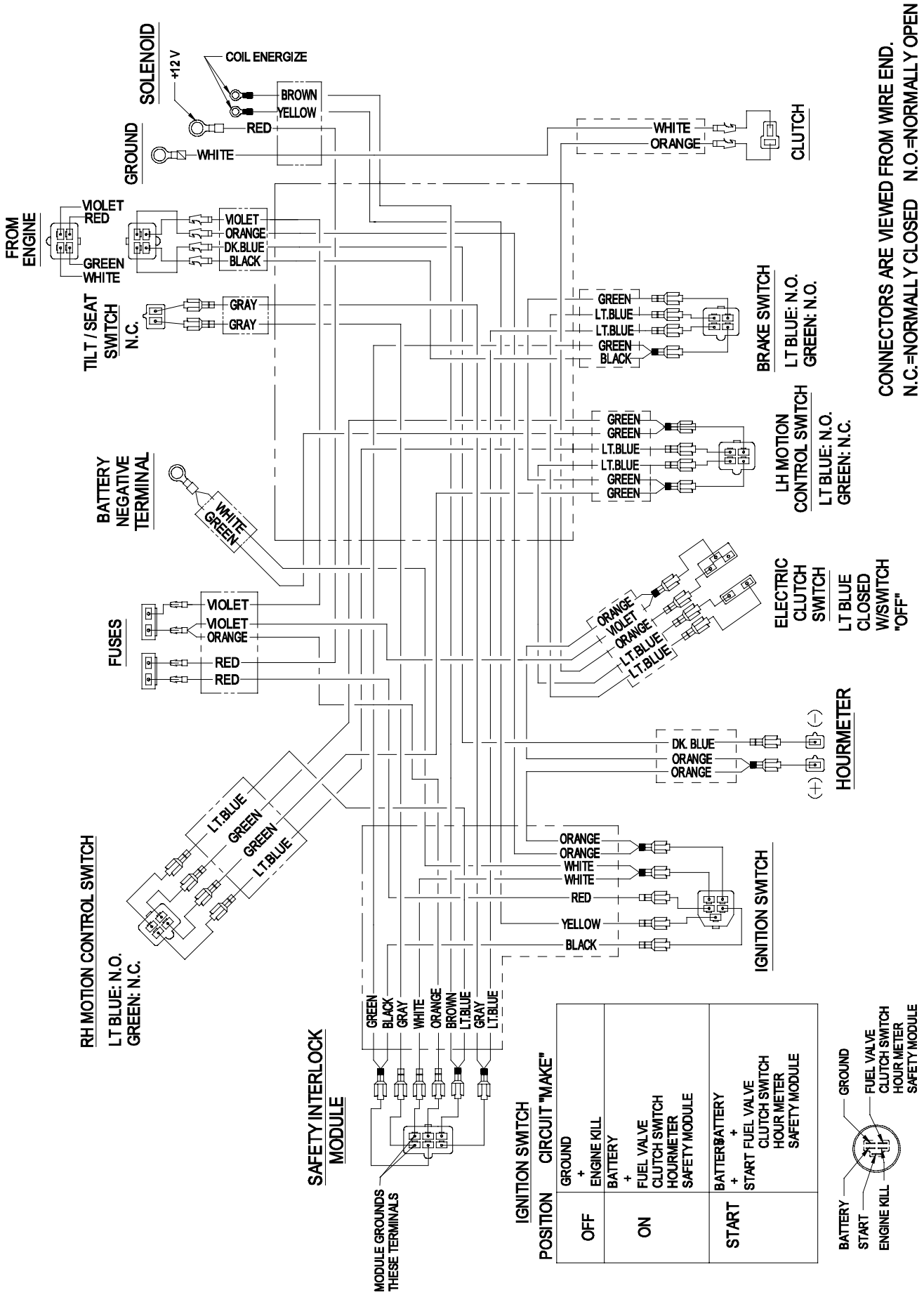
KOHLER 26 HP EFI ELECTRICAL GROUP



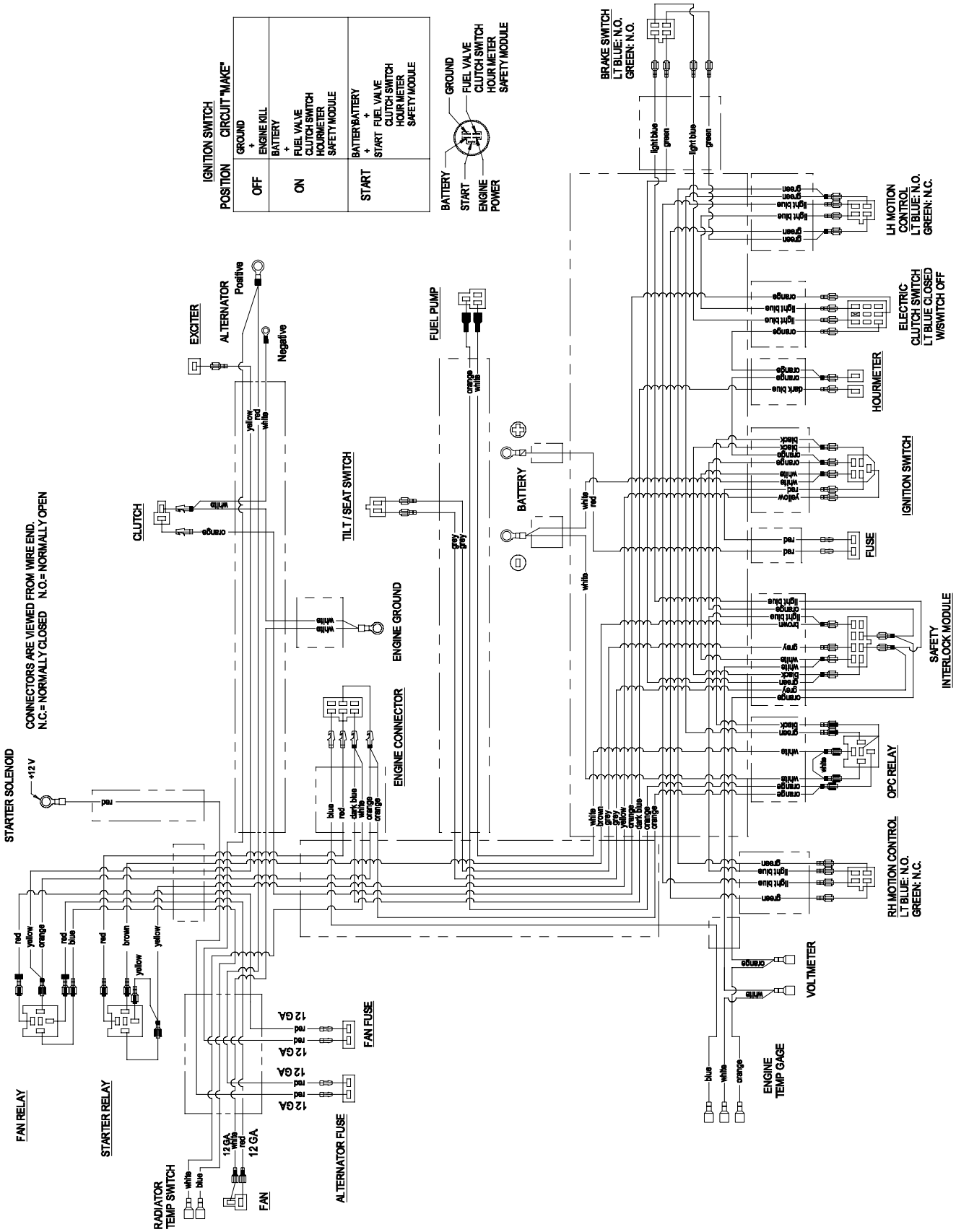
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	643229	Harness-wiring	1	21	513374	Meter- engine hours	1
2	633307	Cable-battery (-)	1	22	643267	Indicator, Red LED	1
3	523279	Cable- battery (+)	1	23	643271	Module, Ignition w/delay	1
4	804252	Nut, nyloc #10-24	14	24	513762	Clip-loom .50	2
5	803071	Screw, machine #10-24x1/2	6	25	816001	Fuse-20 amp	2
6	643275	Relay, 12V	2	26	633396	Clip- loom .69	2
7	643257	Panel, fuses/relay	1	27	603479	Battery-12V	1
8	643246	Trim-lok, 3/16” x 9.75	1	28	543391	Insulator-battery	1
9	800252	Screw, 1/4-20x3/4	6	29	633652	Holdown-battery	1
10	809012	Nut, 1/4-20 whizlock	6	30	543792	Wingnut, nyloc	2
11	805518	Washer, fender #10 x 1.0	4	31	633651	Bolt, battery holddown	2
12	643325	Ring Mount, Vibration	4	32	633840	Wiring Harness, seat	1
13	643326	Bushing Mount, Vibration	4	33	633673	Switch	1
14	805519	Washer, Fender 1/4 x 1.0	4	34	303287	Plastic tie (small)	1
15	803074	Screw, Shoulder .25 x .75	4	35	303335	Plastic tie (medium)	5
16	803028	Screw, #10-24x5/8	8	36	643115	Plastic tie (large)	2
17	633110	Switch- brake N.O./N.O.	1	37	323229	Clip, loom 3/8	1
18	633181	Plate- tapped	3	38	816002	Fuse, 10 amp	1
19	633111	Switch-drive lever N.O./N.C.	2	39	543393	Insulator, solenoid +	1
20	543070	Switch-ignition w/ keys	1	40	633782	Switch, tilt	1

Use dielectric grease on all wiring harness connectors.

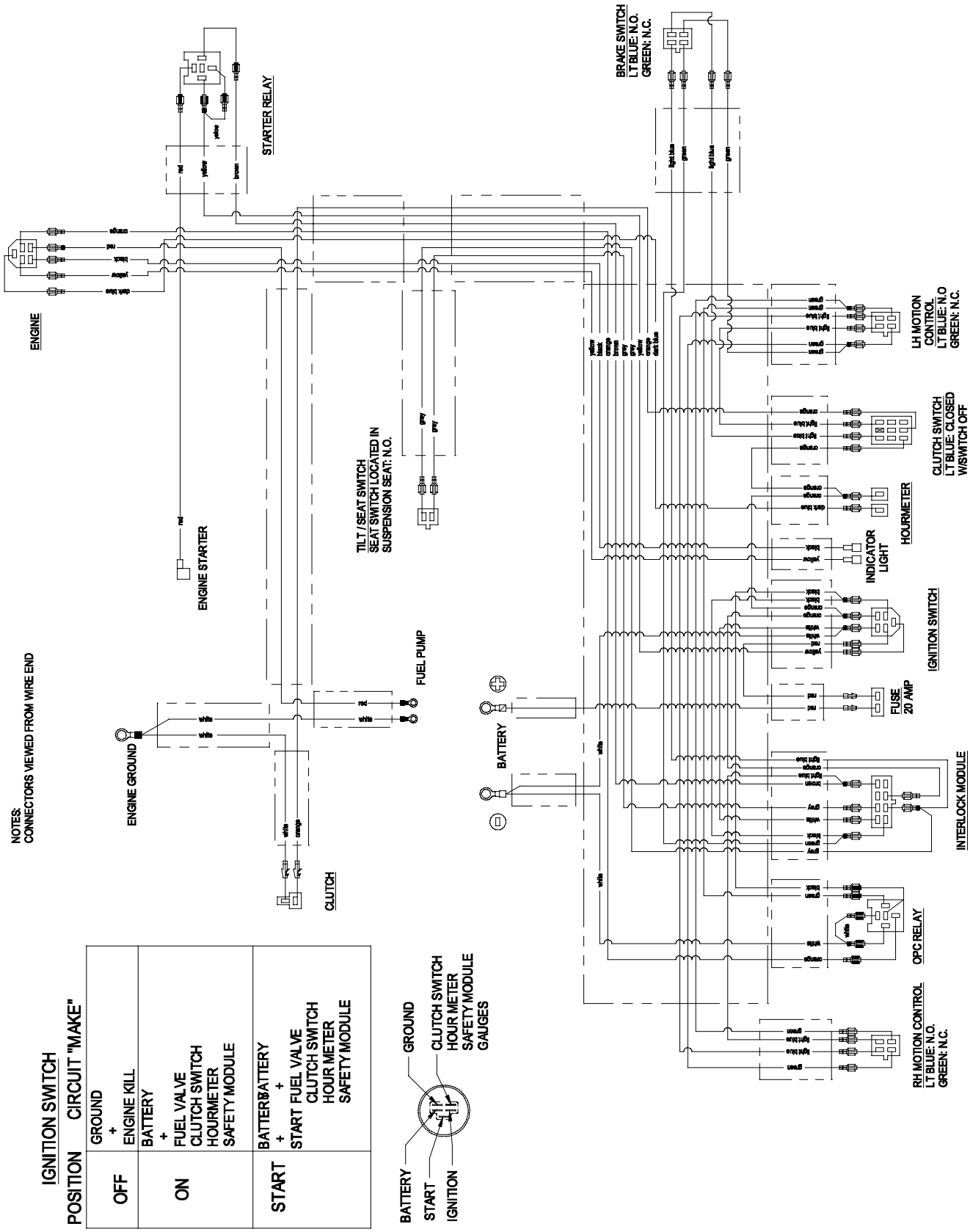
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