For Serial Nos. 260,000 & Higher

eXmark® MFG. CO. INC.



PARTS MANUAL

TURF TRACER®

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 of the tractor is located on top of the engine frame on the right hand side of the machine. The Serial No. plate for the mower deck is located on the rear left hand top side of the deck plate next to the handle.

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

Tractor Model No. _____

Tractor Serial No. _____

Deck Model No. _____

Deck Serial No. _____

Engine Model No. _____

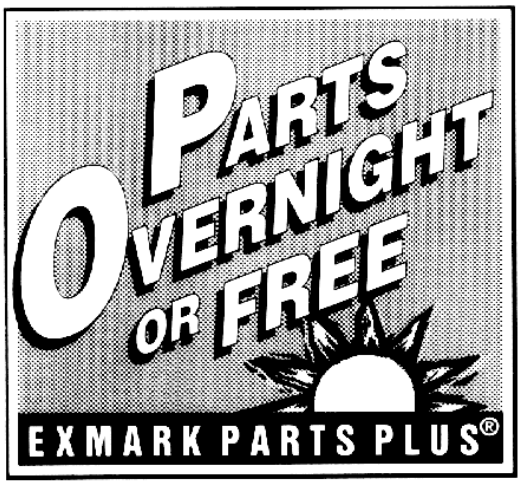
Engine Serial No. _____

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.

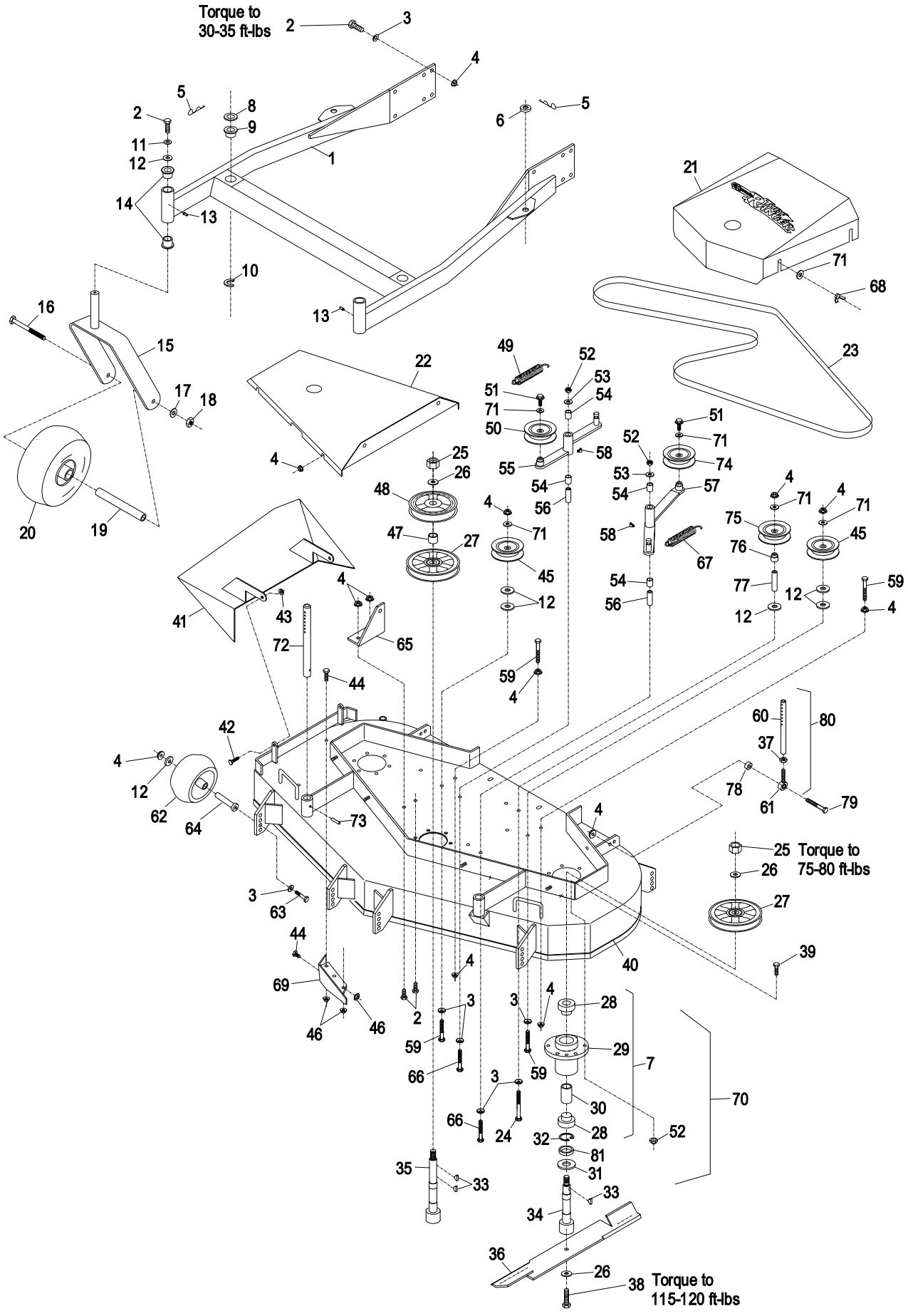
⚠ WARNING

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

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52” MOWER DECK



52" MOWER DECK

Ref. No.	Part No.	Description	Qty. Req'd.
1	1-604960	Support, deck 1-612092-01 w/ bushings & decals	1
2	323-6	Capscrew, 3/8-16 x 1	12
3✧	98-5975	Washer, disc spring 3/8	19
4✧	3290-357	Nut, whizlock 3/8-16	33
5	806009	Hairpin, .177	4
6	1-323539	Spacer	2
7	1-634619	Housing w/Brg,Spcr &Ring	3
8	1-413425	Spacer	2
9	1-513336	Bushing, deck support	2
10	32120-33	Ring, retaining (external)	2
11	3253-5	Washer, lock 3/8 hvy spring	2
12✧	1-373034	Washer, pivot	13
13	302-52	Zerk, 1/8 NPT (straight)	2
14	1-303514	Bearing, flange thrust	4
15	1-522143-01	Fork, caster	2
16	325-20	Capscrew, 1/2-13 x 6	2
17	3253-7	Washer, lock 1/2	2
18	3217-9	Nut, 1/2-13	2
19	1-513547	Spacer, front caster	2
20	1-513648	Tire/wheel assy, 9 x 3.50-4	2
	1-513807	Wheel	2
	1-513808	Tire 9 x 3.50-4	2
	1-513809	Bearing	2
	1-513810	Bushing	4
21	1-614041	Cover w/decal	1
22	1-602545-01	Cover, deck	2
23	1-603576	Belt, blade drive	1
24✧	323-16	Capscrew, 3/8-16 x 4	1
25	3219-6	Nut, 5/8-18 UNF	3
26	1-513208	Spring, disk	6
27✳	1-553039	Sheave, blade drive	3
28✳	1-513016	Bearing, ball	6
29	1-323532	Housing, bearing	3
30	1-323528	Spacer, bearing	3
31	1-633573	Guard, dust	3
32	32120-8	Snap ring	3
33	3257-32	Key, woodruff #61	4
34	103-0958	Spindle, outer blade	2
35	103-0959	Spindle, center blade	1
36	1-633482	Blade, notched air foil	3
	1-613251	Blade, solid air foil	3
	1-633485	Blade, low lift	3
ǂ	1-633484	Blade, mulching	3
37	3219-3	Nut, hex 3/8-24	2
38	103-0862	Capscrew, 5/8-18x2¾ Gr8	3
39	323-7	Capscrew, 3/8-16 x 1 1/4	18
40◆	1-612155	Deck, 1-612287-01 with support rods & baffle	1
41	1-602571-01	Chute, Discharge	1
42	322-5	Capscrew, 5/16-18 x 1	2
43	3296-29	Nut, nylock 5/16-18	2
44	322-2	Capscrew, 5/16-18 x 5/8	3
45	1-303516	Pulley, V-Idler	2
46	32128-20	Nut, whizlock 5/16-18	3
47	1-603504	Spacer, tube	1
48	1-603581	Sheave, mower drive	1
49	1-603413	Spring, extension	1
50	1-603497	Pulley, idler	1
51	3234-11	Screw, whizlock 3/8-16 x 1	2
52	3296-39	Nut, nylock 3/8-16	20
53	3256-4	Washer, 3/8	2
54	1-513034	Bearing, pivot	4
55	1-602604	Idler arm assy w/bearings	1
	1-602591-03	Arm, deck idler	1
56	1-603384	Bushing, idler pivot	2
57	1-602865	Idler arm, w/bearings deck drive	1
	1-602867-03	Arm, deck drive idler	1
58	302-40	Zerk, 1/4-28 (90°)	2
59	323-11	Capscrew, 3/8-16 x 2-1/4	4
60	1-413525	Link, rear deck support	2
61	1-613204	Balljoint	2
62	1-603299	Roller, anti scalp	6
63	98-5961	Capscrew, 3/8-16 x 4 Gr8	6
64	1-603602	Bushing, roller	6
65	1-603620-01	Bracket, spring anchor	1
66	1-800805	Capscrew, 3/8-16x3 1/2 Gr8	2
67	1-603414	Spring, extension	1
68	1-543678	Wingnut, nylock	4
69	1-602913-01	Baffle	1
70▲	103-1185	Housing, cutter complete (center)	1
	103-1187	Housing, cutter complete (outer)	2
71✧	3256-24	Washer, 3/8 SAE Flat	5
72	1-603001	Rod, deck support	2
73	1-806332	Roll pin, 1/4 x 1-1/2	2
74	1-613098	Idler	1
75✧	1-603805	Idler	1
76✧	1-513791	Bushing	1
77✧	1-603494	Spacer	1
78	1-603050	Spacer	2
79	323-9	Capscrew, 3/8-16 x 1 3/4	2
80	1-414521	Link Assy	2
81	1-323533	Spacer,Shv/Brg	3

✧ These parts are available in an Idler Pulley Kit (Part No. 1-601806). Each kit contains one item each of the referenced item number.

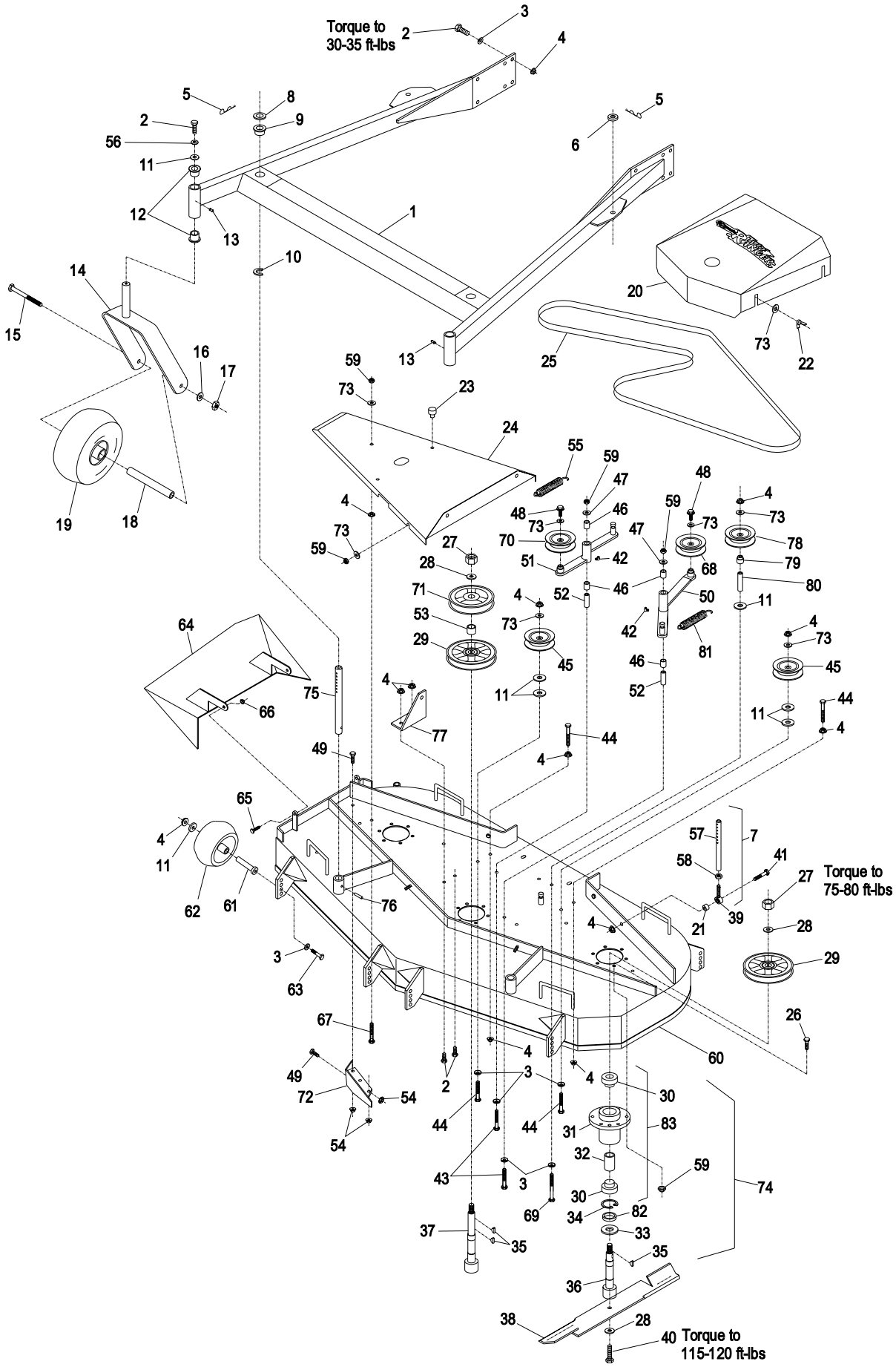
ǂ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK523.

◆ Deck weldmt does include welded in flow control baffles.

▲ ***Outer*** cutter housing complete includes sheave, washer and nut. ***Center*** cutter housing complete includes sheaves, washer, spacer and nut.

✳ Use Antisieze on bore of sheave & bearings.
Exmark red touch up spray paint - P/N 1-850337

60” MOWER DECK



60" MOWER DECK

Ref. No.	Part No.	Description	Qty. Req'd.
1	1-604847	Support, deck 1-612094-01 w/ bushings & decals	1
2	323-6	Capscrew, 3/8-16 x 1	12
3✧	98-5975	Washer, disc spring 3/8	19
4✧	3290-357	Nut, whizlock 3/8-16	27
5	1-806009	Hairpin, .177	4
6	1-323539	Spacer	2
7	1-414521	Link assy	2
8	1-413425	Spacer	2
9	1-513336	Bushing, deck support	2
10	32120-33	Ring, retaining (external)	2
11✧	1-373034	Washer, pivot	13
12	1-303514	Bearing, flange thrust	4
13	302-52	Zerk, 1/8 NPT (straight)	2
14	1-522143-01	Fork, caster	2
15	325-20	Capscrew, 1/2-13 x 6	2
16	3253-7	Washer, lock 1/2	2
17	3217-9	Nut, 1/2-13	2
18	1-513547	Spacer, front caster	2
19	1-513648	Tire/whl assy, 9 x 3.50-4	2
	1-513807	Wheel	2
	1-513808	Tire 9 x 3.50-4	2
	1-513809	Bearing	2
	1-513810	Bushing	4
20	1-614110	Cover w/decal	1
21	1-603050	Spacer	2
22	1-543678	Wingnut, nylon insert	10
23	1-513291	Bumper, seat	2
24	1-542588-01	Cover, deck	2
25	1-603045	Belt, blade drive	1
26	323-7	Capscrew, 3/8-16 x 1 1/4	18
27	3219-6	Nut, 5/8-18 UNF	3
28	1-513208	Washer, disc spring	6
29✳	1-553039	Sheave, blade drive	3
30✳	1-513016	Bearing, ball	6
31	1-323532	Bearing, housing	3
32	1-323528	Spacer, bearing	3
33	1-633573	Guard	3
34	32120-8	Snap ring	3
35	3257-32	Key, woodruff 5/8 x 3/16	4
36	103-0958	Spindle, outer blade	2
37	103-0959	Spindle, center blade	1
38	1-633483	Blade, notched air foil	3
	1-613250	Blade, solid air foil	3
	1-613111	Blade, low lift	3
ǂ	1-613112	Blade, mulching	3
39	1-613204	Balljoint	2
40	103-0862	Capscrew, 5/8-18x2¾ (Gr8)	3
41	323-9	Capscrew, 3/8-16 x 1 3/4	2
42	302-40	Zerk, 1/4-28 (90°)	2
43	1-800805	Capscrew, 3/8-16 x 3.5	2
44	323-11	Capscrew, 3/8-16 x 2-1/4	4
45	1-303516	Pulley, V-idler	2
46	1-513034	Bearing, pivot	4
47	3256-4	Washer, 3/8 stnd flat	2
48	3234-11	Bolt, whizlock 3/8-16 x 1	2
49	322-2	Capscrew, 5/16-18 x 5/8	3
50	1-602867-03	Arm, deck drive idler	1
	1-602865	Idler arm assy, deck drive (with bearings)	1
51	1-602591-03	Arm, deck idler	1
	1-602604	Idler arm, w/bearings	1
52	1-603384	Bushing, idler pivot	2
53	1-603504	Spacer, tube	1
54	32128-20	Nut, whizlock 5/16-18	3
55	1-603413	Spring, extension	1
56	3253-5	Washer,lock 3/8 (hvy spring)	2
57	1-413525	Link, rear deck support	2
58	3219-3	Nut, hex 3/8-24	2
59	3296-39	Nut, nylock 3/8-16	26
60◆	1-612149	Deck, 612286 with support rods & baffle	1
61	1-603602	Bushing, roller	6
62	1-603299	Roller, anti scalp	6
63	98-5961	Capscrew, 3/8-16 x 4 (Gr 8)	6
64	1-542606-01	Chute, discharge	1
65	322-5	Capscrew, 5/16-18 x 1	2
66	3296-29	Nut, nylock 5/16-18	2
67	1-800031	Tapbolt, 3/8-16 x 2 3/4	2
68	1-613098	Pulley, flat idler	1
69✧	323-16	Capscrew, 3/8-16 x 4 (Gr 5)	1
70	1-603497	Pulley, idler	1
71	1-613024	Sheave, mower drive	1
72	1-602913-01	Baffle	1
73✧	3256-24	Washer, 3/8 SAE	13
74▲	103-1187	Cutter hsg,outer complete	2
	103-1186	Cutter hsg,center complete	1
75	1-603001	Rod, deck support	2
76	1-806332	Rollpin	2
77	1-603620-01	Bracket, spring anchor	1
78✧	1-603805	Idler	1
79✧	1-513791	Bushing	1
80✧	1-603494	Spacer	1
81	1-603414	Spring, extension	1
82	1-323533	Spacer w/bearing	3
83	1-634619	Housing w/brg, spcr, & ring	3

✧ These parts are available in an Idler Pulley Kit (Part No. 1-601806). Each kit contains one item each of the referenced item number.

ǂ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK603.

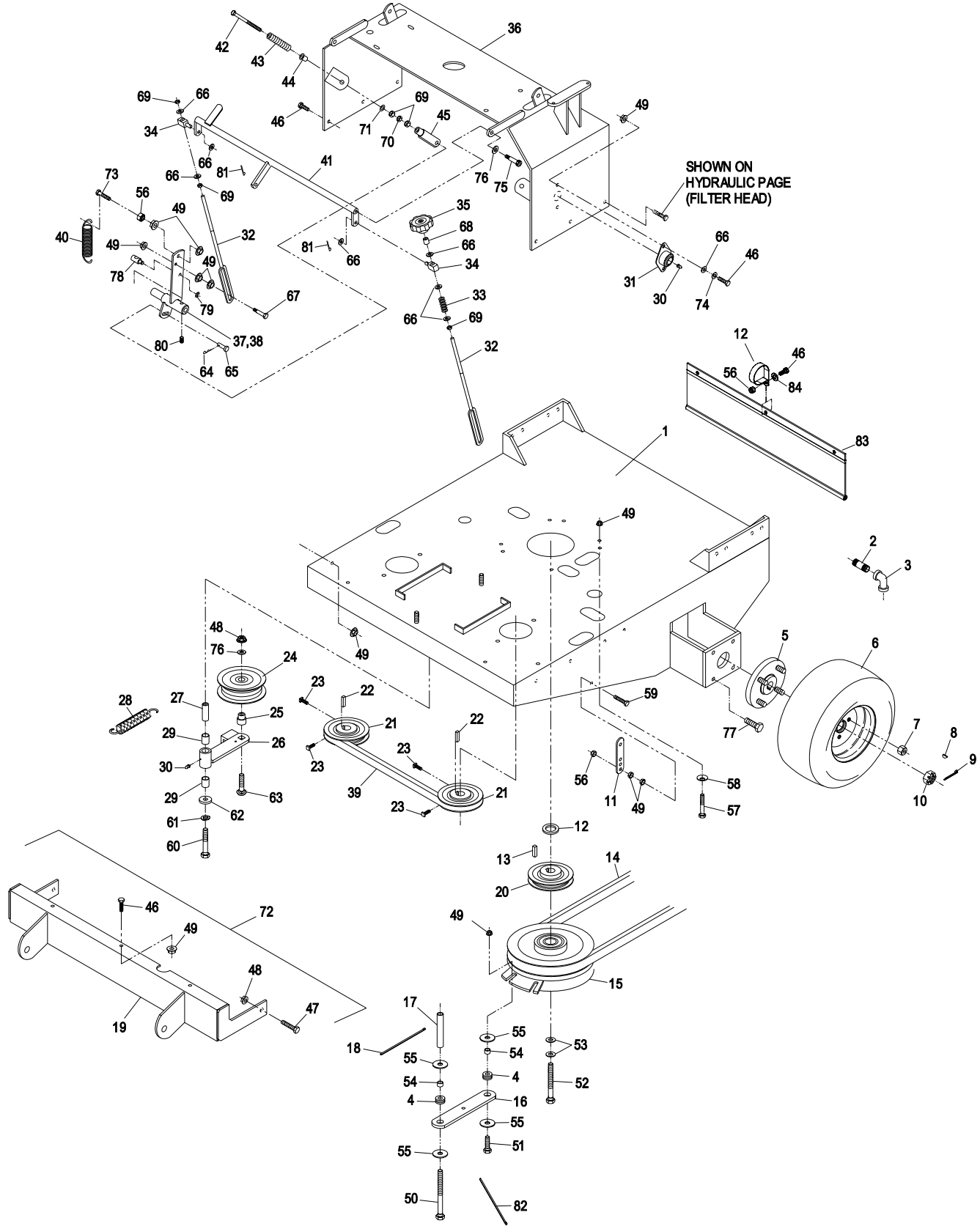
◆ Deck weldmt does include welded in flow control baffles.

▲ ***Outer*** cutter housing complete includes sheave, washer and nut. ***Center*** cutter housing complete includes sheaves, washer, spacer and nut.

✳ Use antisieze on bore of sheave & bearings.

Exmark red touch up spray paint - P/N 1-850337

ENGINE DECK GROUP



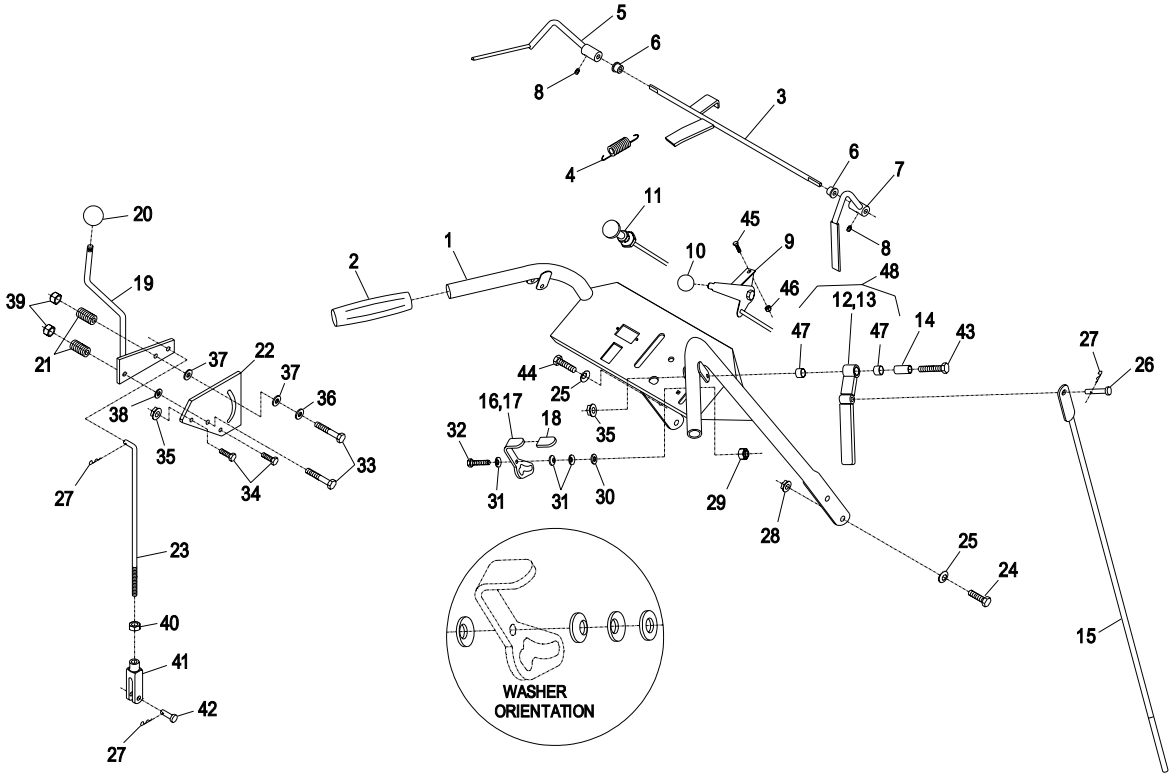
ENGINE DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	1-612299-01	Engine Deck Weldment	1
2*	1-543064	Pipe nipple (Koh Only)	1
3*	1-303428	Elbow, 90 (Koh Only)	1
4	1-633630	Grommet	2
5	1-602997	Hub, 4 bolt	2
	1-633926	Stud	8
6	1-613263	Tire and wheel assy	2
	1-613264	Tire only	2
	1-603715	Rim only	2
7	242-50	Nut, wheel	8
8	1-807019	Key, woodruff 1" x 1/4"	2
9	1-806800	Pin, cotter 9/64 X 1 1/2	2
10	32136-5	Nut, 3/4-16-2B slotted hex	2
11	1-613089	Anchor, spring	2
12	1-613307	Clip, loom 2.06 dia.	3
13	1-807259	Key, 1/4 x 1/4 x 1	1
14	1-603306	Belt,deck drive(52" & 60")	1
15	1-611223	Clutch w/strap assembled	1
	1-631731	Clutch w/plastic tie	1
16	1-633543-03	Strap, clutch	1
17	1-323195	Standoff, clutch	1
18	1-303287	Plastic tie, small	1
19	1-602438-01	Hitch weldmt	1
20•	1-653035	Sheave, 4 1/4 O.D	1
21	1-413010	Sheave, Pump	2
22	1-807272	Key, 5mm sq x 25mm	2
23▽	1-803050	Setscrew, 5/16-18 x 3/4	4
24	1-603843	Pulley, idler	1
25	1-603496	Bushing, idler	1
26	1-602521	Idler arm w/bushings	1
	1-602458	Idler arm weldmt	1
27	1-603044	Bushing, idler pivot	1
28	1-603402	Spring, extension	1
29	1-513034	Bearing, pivot	2
30	302-19	Zerk, grease 1/4-20	3
31	1-633102	Bearing, flanged	2
32	1-613206	Rod, control arm	2
33	1-323245	Spring	1
34	1-603676	Swivel	2
35	1-413151	Knob, tracking	1
36	1-612165-01	Support, tank/handle	1
37	1-612289-01	Arm, control LH	1
38	1-612290-01	Arm,control RH(not shown)	1
39♦	1-613271	Belt,hyd trans drive ("A" Belt)	1
40	1-603693	Spring, extension	2
41	1-612173	Crank weldmt	1
42	1-603737	Bolt, neutral return	2
43	1-603807	Spring, neutral return	2
44	1-603735	Bushing, flanged.	2
45	1-303105	Yoke, adjustable	2
46	322-3	Screw, 5/16-18 x 3/4	15
47	323-6	Screw, 3/8-16 x 1	2
48	3290-357	Nut, 3/8-16 whizlock	3
49	328128-20	Nut, 5/16-18 whizlock	30
50	322-38	Screw, 5/16-18 x 4 1/2	1
51	322-6	Screw, 5/16-18 x 1 1/4	1
52▽	3212-10	Screw, 7/16-20 x 2 1/2 (Koh)	1
	3212-12	Screw, 7/16-20 x 3 (Kaw)	1
53	1-603610	Washer, spring disc.	2
54	1-633545	Spacer, clutch anchor	2
55	1-613235	Washer	4
56	3296-29	Nut, nylock 5/16-18	7
57	322-7	Screw, 5/16-18 x 1 1/2	4
58	1-303334	Washer, 5/16 disc spring	4
59	1-800016	Bolt, tap 5/16-18 x 1 1/4	2
60▽	323-12	Screw, 3/8-16 x 2 1/2	1
61	3253-5	Washer, lock 3/8 heavy	1
62	1-373034	Washer, pivot	1
63	3231-29	Screw, 3/8-16 x 1 3/4	1
64	1-806003	Hairpin, cotter	2
65	1-808280	Clevis pin	2
66	3256-23	Washer, 5/16	11
67	1-403180	Screw, 5/16-18x1-3/8 special	2
68	1-603903	Spacer	1
69	3219-2	Nut 5/16-24 regular	7
70	3220-2	Nut, 5/16-24 jam	2
71	3256-2	Washer, 1/4	2
72	1-601000	Hitch Kit, sulky	1
73	322-6	Screw , 5/16-18 x 1-1/4	2
74	1-805005	Washer, lock 5/16 heavy	4
75▽	1-809056	Screw,3/8 x 3/8 sckt hd shld	2
76	3256-24	Washer, 3/8 SAE flat	3
77	3234-12	Screw, whizlock 3/8-16 x3/4	8
78	1-413227	Swivel, drive lever	2
79	32151-73	Klipring	2
80▽	1-803022	Setscrew, 5/16-18 x 5/8	2
81	3272-5	Cotter pin	2
82	1-303335	Plastic tie (large)	1
83	1-613306	Shield, drag	1
84	3256-3	Washer, flat 5/16 std	3

* Use Teflon Pipe Sealant or equivalent on threads.
• Install sheave with long end of hub up.

Exmark black touch up spray paint - Gloss black
Exmark red touch up spray paint - P/N 1-850337

HANDLE AND CONTROLS



Ref. No.	.Part No.	Description	Qty. Req'd.
1	103-0215	Handle wldmnt, with decals	1
2	1-303097	Grip, handle	2
3	1-612187-01	Rod wldmnt, OPC	1
4	1-303363	Spring	1
5▽	1-412183-03	Lever wldmt, OPC Lh	1
6	1-303365	Bushing, nylon	2
7▽	1-412185-03	Lever weldmt, OPC Rh	1
8◊	1-803322	Setscrew	2
9	1-633696	Throttle control (Kaw)	1
	1-613247	Throttle control (Koh)	1
10	1-513592	Knob, red ball	1
11	1-603336	Choke control push/pull	1
12	1-412161-03	Drive lever RH (shown)	1
13	1-412159-03	Drive lever LH (not shown)	1
14	1-603749	Bushing, drive lever	2
15	1-613189	Rod, drive lever	2
16	1-612168	Latch,thumb RH w/grip (shown)	1
17	1-612167	Latch, thumb LH w/grip	1
18	1-303019	Grip, vinyl latch	2
19	1-602733	Lever, shifter	1
20◊	1-603175	Knob, 1-3/8	1
21	1-323245	Spring, compression	2
22	1-603730	Plate, shifter lever	1
23	1-603700	Rod, speed control	1
24	323-6	Screw, 3/8-16 x 1	3

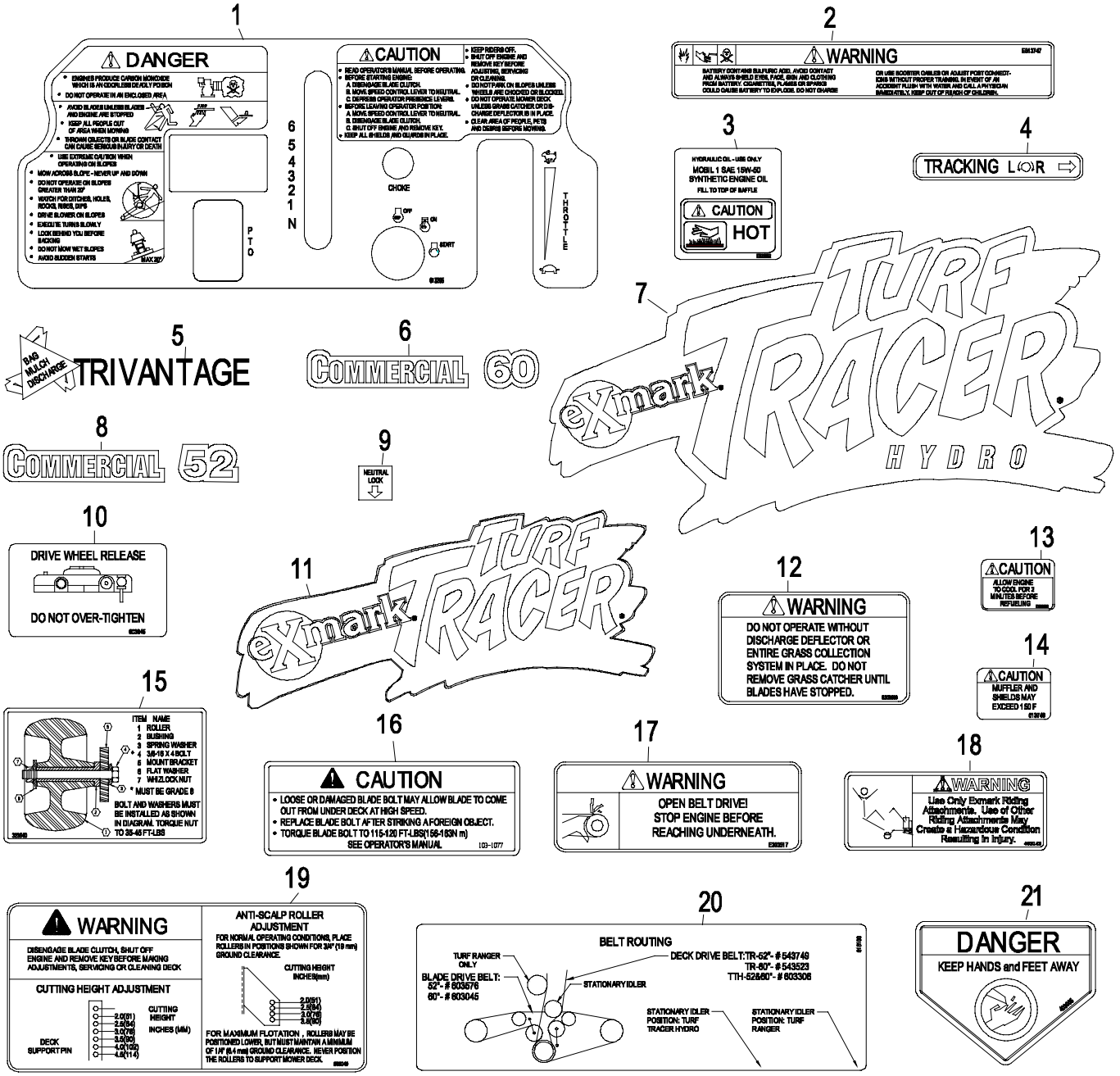
Ref. No.	Part No.	Description	Qty. Req'd.
25	98-5975	Washer, spring disk	4
26	1-613055	Pin, clevis	2
27	1-806003	Hairpin cotter	4
28	3290-357	Nut, whizlock 3/8-16	4
29	3296-42	Nut, nylock 1/4-20	2
30	3256-2	Washer, 1/4 std flat	2
31	1-303435	Washer, 1/4 disc spring	6
32	321-10	Screw, 1/4-20 x 1-3/4	2
33	322-10	Screw, 5/16-18 x 2	2
34	321-3	Screw, 1/4-20 x 5/8	2
35	32128-33	Nut, whizlock 1/4-20	4
36	1-603716	Washer, friction	1
37	1-323244	Washer, friction	2
38	3256-23	Washer, 5/16 flat	1
39	3296-29	Nut, nylock 5/16-18	2
40	3220-2	Nut, jam 5/16	1
41	1-303105	Yoke, adjustable	1
42	1-808280	Pin, clevis	1
43	321-9	Screw, 1/4-20 x 1-1/2	2
44	323-7	Screw, 3/8-16 x 1-1/4	1
45	1-807513	Screw, 10-24 x 1/2	2
46	3296-2	Nut, nylock 10-24	2
47	1-413152	Bearing, sleeve	4
48	103-0219	Asm,drive lever RH	1
	103-0218	Asm,drive lever LH	1

◊ Use Pro-Lock Nut Type (P/N 1-840022 .5 ml. Tube) on setscrews and on shifter knob threads

▽ Use Pro-Lock Retaining 1 (P/N 1-840023 .5cc Tube) on inside bore of OPC Hub

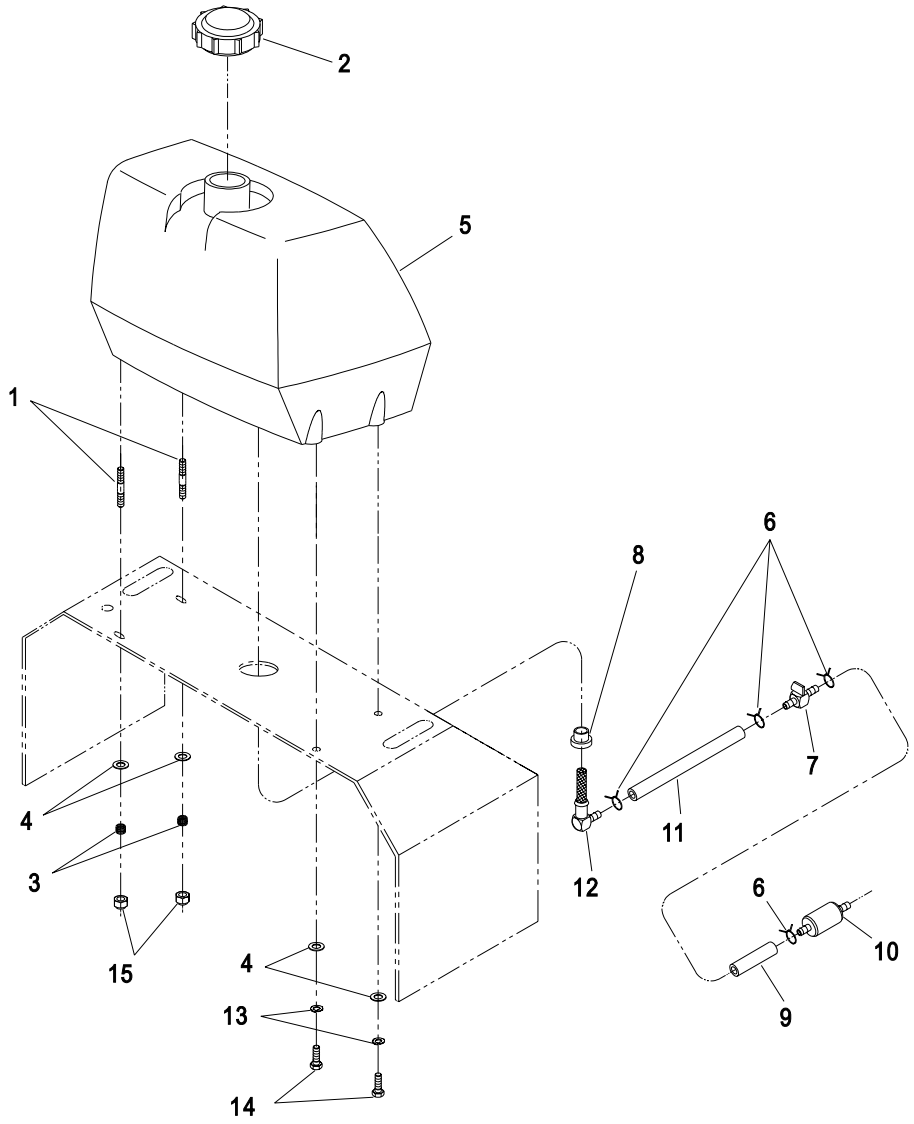
Exmark black touch up spray paint - Gloss black

DECALS



Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0165	Decal, Console	1
2	1-513747	Decal, Battery	1
3	1-523552	Decal, Hydraulic Tank	1
4	1-413214	Decal, Tracking	1
5	1-303520	Decal, Tri-vantage	1
6	1-613050	Decal, Commercial 60	1
7	1-613044	Decal, “Swash” (large) TTH.	1
8	1-403132	Decal, Commercial 52	1
9	1-303102	Decal, Neutral Lock	2
10	1-603845	Decal, Drive Wheel Release	1
11	1-613049	Decal, “Swash” (small) TTH	1
12	1-303508	Decal, Discharge Warning	1
13	1-303293	Decal, 2 Minute Cool	1
14	1-513746	Decal, Muffler	1
15	1-323540	Decal, Roller Mounting	1
16	103-1077	Decal, Bolt Torque.	1
17	1-303517	Decal, Belt Drive	1
18	1-403143	Decal, Sulky Warning	1
19	1-553049	Decal, Mower Deck	1
20	1-613100	Decal, Belt Route	1
21	1-403005	Danger Label	2
	1-611117	Kit, Decal Complete	

FUEL GROUP

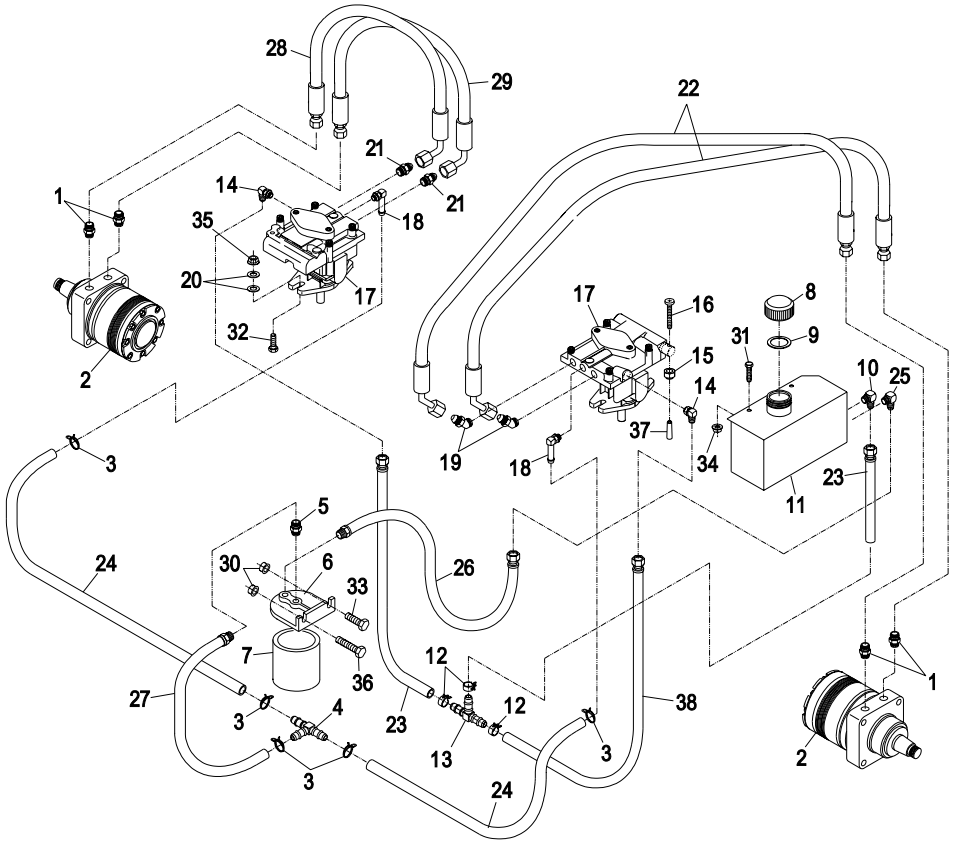


Ref. No.	.Part No.	Description	Qty. Req'd.
1•	1-633023	Stud, fuel tank	2
2	1-513508	Cap, gas	1
3	1-633349	Spring, fuel tank	2
4	3256-23	Washer, flat 5/16 std	4
5	1-413179	Gas tank	1
6	1-303077	Clamp, fuel line	4
7	1-603770	Valve, fuel	1
8	1-513645	Bushing, fuel	1
9	1-603776	Hose, fuel 2.5 (Koh)	1
	1-303022	Hose, fuel 8.5 (Kaw)	1

Ref. No.	Part No.	Description	Qty. Req'd.
10	**Kohler** Part No. 2405002 fuel filter		1
	Kawasaki Part No. 49019-2075 fuel filter		1
11	1-543649	Hose, fuel 7.0 (Kaw)	1
	1-303022	Hose, fuel 8.5 (Koh)	1
12	1-543277	Elbow, fuel tank	1
13	1-805005	Washer, 5/16 lock	2
14	322-3	Screw, 5/16-18 x 3/4	2
15	3296-47	Nut, nylock 5/16-18	2

• Use Prolock, Retaining type (P/N 1-840023) .5cc tube on studs going into tank

HYDRAULICS GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	1-603991	Fitting, straight connector	4
	1-603919	Boss O-Ring	1
	1-603992	Flare O-Ring	1
2	1-603718	Motor, wheel	2
	1-000119	Kit, seal	1
	1-000138	Kit, bearing	1
3	1-603827	Clamp, hose 5/8"	5
4	1-603721	Fitting, hose tee (3/8 hose).	1
5	1-513510	Connector, male	1
6∗	1-603720	Head, filter	1
7	1-513211	Element, oil filter	1
Δ	1-523541	Element, oil filter(winter)	1
8	1-513167	Cap, hydraulic reservoir	1
9	1-523103	Gasket, hydr. tank cap	1
10	1-603987	Elbow, 90°	1
11∗	1-512166-03	Reservoir, hydraulic fluid	1
12	1-603826	Clamp, hose 1/2"	3
13	1-603722	Fitting, hose tee(1/4 I.D hose)	1
14	1-513840	Elbow, 90°	2
	1-603921	O-Ring	1
15	3296-42	Nut, nylock 1/4-20	2
16	1-801063	Screw, 1/4-20 x 2 pan hd	2
17	1-613042	Pump, hydro	2
	2513018	Kit, overhaul seal	1

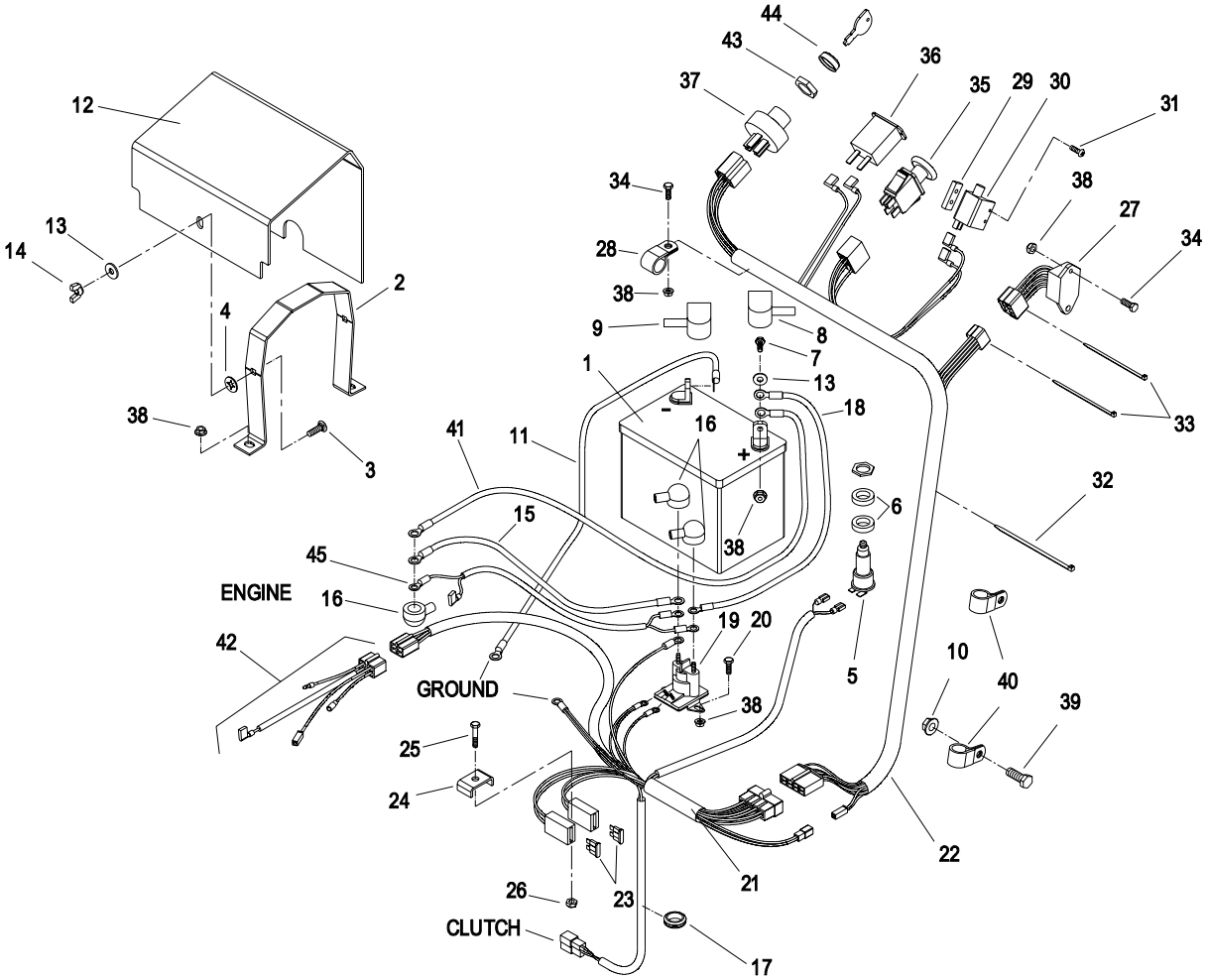
Ref. No.	Part No.	Description	Qty. Req'd.
18	1-603989	Elbow, 90°	2
	1-603923	O-Ring	1
19	1-523221	Elbow, 45	2
	1-603992	Flare O-Ring	1
	1-603920	Boss O-Ring	1
20	3256-3	Washer, 5/16 std	8
21	1-603990	Adapter, straight thread	2
	1-603920	Boss O-Ring	1
	1-603992	Flare O-Ring	1
22	1-603981	Hose, hydro (RH)	2
23	1-602750	Hose assy, case drain	2
24	1-603986	Hose assy, charge pump	2
25	1-603988	Elbow, 90°	1
26	1-602985	Hose assy, supply	1
27	1-602754	Hose assy, charge line	1
28	1-613034	Hose, hydro (LH)	1
29	1-323241	Hose, hydro (LH)	1
30	32128-20	Nut, whizlock 5/16-18	2
31	321-4	Screw, 1/4-20 x 3/4	2
32	323-7	Screw, 3/8-16 x 1-1/4	4
33	322-3	Screw, 5/16-18 x 3/4	1
34	32128-33	Nut, whizlock 1/4-20	2
35	3290-357	Nut, whizlock 3/8-16	4
36	322-5	Screw, 5/16-18 x 1	1
37	1-613073	Grip, Dump Valve	2
38	1-632285	Hose assy	1

∗ Use Teflon Pipe Sealant or equivalent on hydraulic reservoir fittings and filter head fittings.

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

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ELECTRICAL GROUP



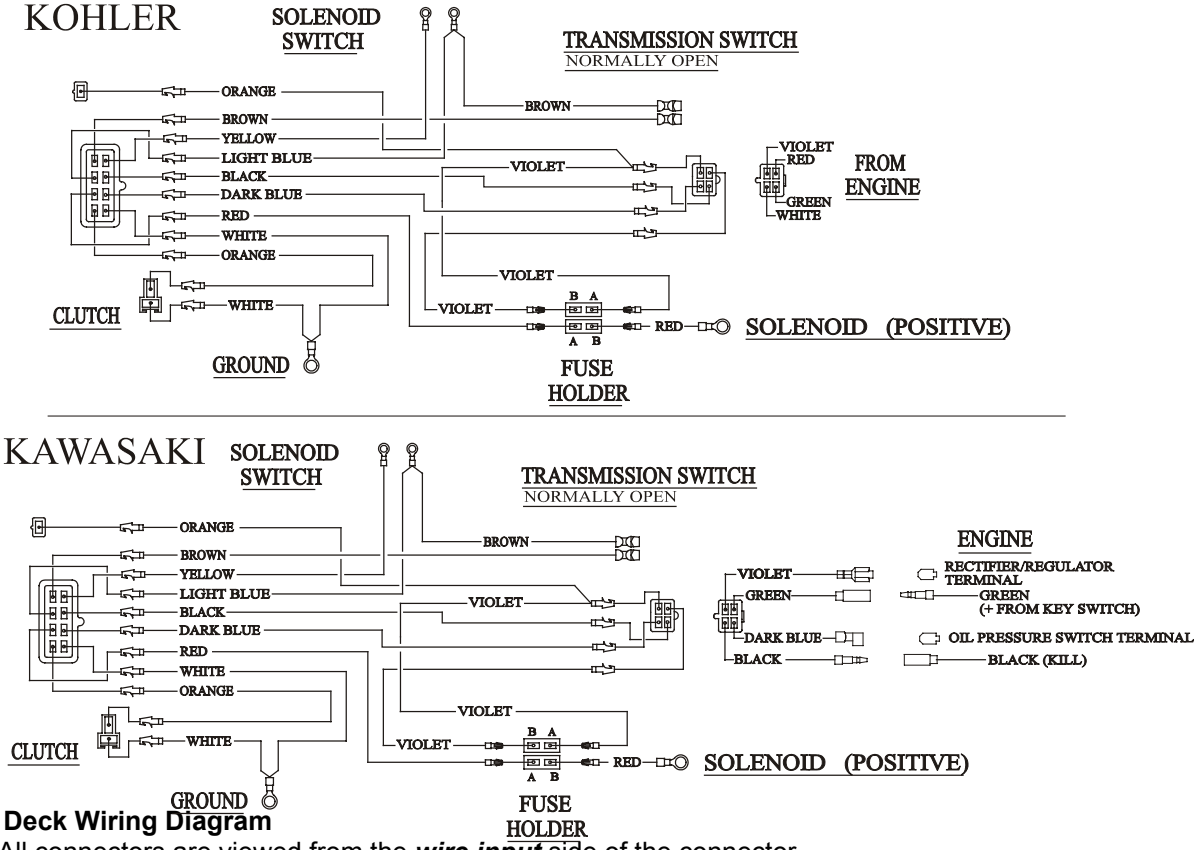
Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0293	Battery, 12V manifold	1
2	1-603814-03	Strap, battery holddown	1
3	1-807512	Bolt, carriage 1/4-20 x 3/4	2
4	1-803037	Nut, retaining 1/4-20	2
5	1-603760	Switch, push button	1
6	1-323539	Spacer	2
7	321-4	Screw, 1/4-20 x 3/4	2
8	1-543391	Insulator, Battery +	1
9	1-543390	Insulator, Battery -	1
10	3290-357	Nut, whizlock 3/8-16	1
11	1-543767	Wire, ground	1
12	1-603105	Cover, battery debris	1
13	3256-2	Washer, 1/4 Flat	4
14	1-803038	Wingnut, 1/4-20	2
15•	1-603488	Wire, solenoid to starter (+)	1
16	1-543393	Insulator, solenoid	3
17	1-543286	Grommet	1
18•	1-513053	Wire, battery to solenoid (+)	1
19	1-513075	Switch, 12V solenoid	1
20	321-2	Screw, 1/4-20 x 1/2	2
21	1-613010	Harness, engine deck	1
22	1-613296	Harness, wire console	1
23	1-816001	Fuse, blade 20 amp	2

Ref. No.	Part No.	Description	Qty. Req'd.
24	1-603434	Clip, fuse block	1
25	321-9	Screw, 1/4-20 x 1-1/2	1
26	3296-42	Nut, nylock 1/4-20	1
27	1-613198	Module, Safety Interlock	1
28	1-513762	Clip, 1/2" Loom	1
29	1-633181	Plate, tapped	1
30	1-513051	Switch	1
31	3290-500	Screw, #10-24x5/8	2
32	1-303335	Plastic tie, (large)	1
33	1-303287	Plastic tie	2
34	321-3	Screw, 1/4-20 x 5/8	3
35	1-633673	Switch, delta	1
36	1-513374	Meter, engine hour	1
37	1-543070	Switch, ignition w/keys	1
	1-603511	Keys, ignition	1
38	32128-33	Nut, whizlock 1/4-20	9
39	323-6	Screw, 3/8-16 x 1	1
40	1-603727	Clip, 9/16" loom	2
41•	1-523281	Wire, battery to starter	1
42	1-613262	Harness, wire (19hp Kaw only)	1
43	103-0498	Nut, Ignition	1
44	103-0499	Seal, Ignition	1
45•	103-1126	Harness, Wiring	1

- Kohler units only.
- Kawasaki units only.

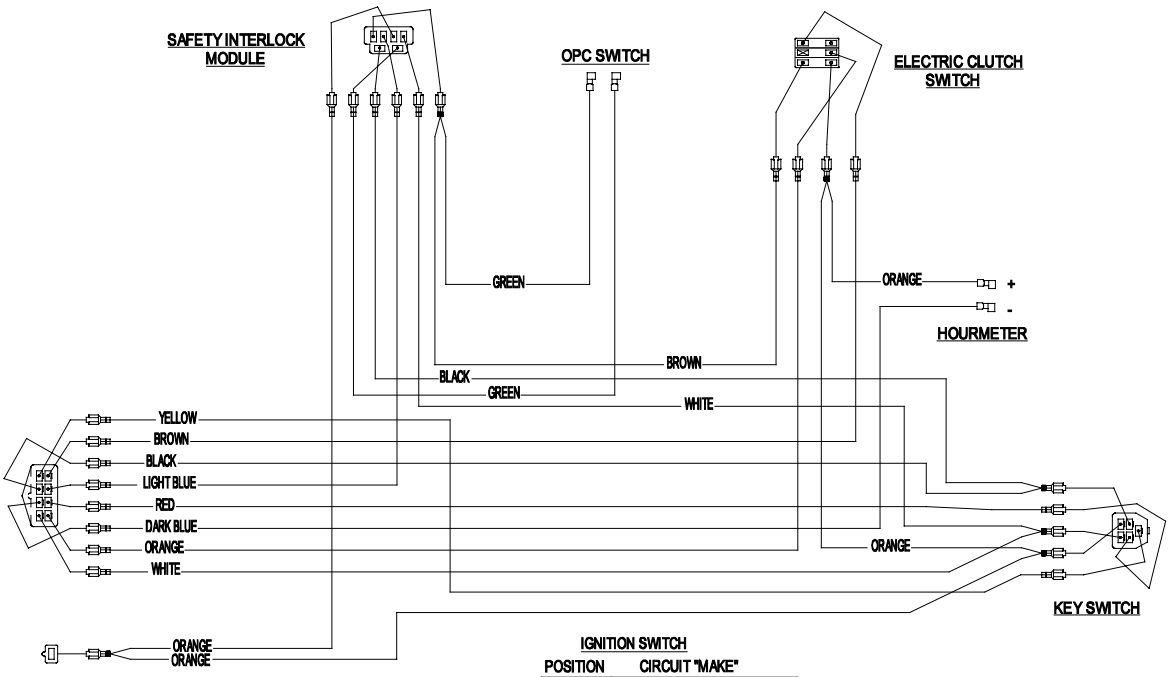
Apply dielectric grease to all electrical connectors
Exmark black touch up spray paint - Gloss black

ELECTRICAL DIAGRAMS



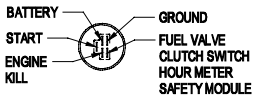
Engine Deck Wiring Diagram

NOTE: All connectors are viewed from the ***wire input*** side of the connector.



IGNITION SWITCH

POSITION	CIRCUIT "MAKE"
OFF	GROUND + ENGINE KILL
ON	BATTERY + FUEL VALVE CLUTCH SWITCH HOURMETER SAFETY MODULE
START	BATTERY + START BATTERY + FUEL VALVE CLUTCH SWITCH HOUR METER SAFETY MODULE



Console Wiring Diagram

NOTE: All connectors are viewed from the ***wire input*** side of the connector.

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