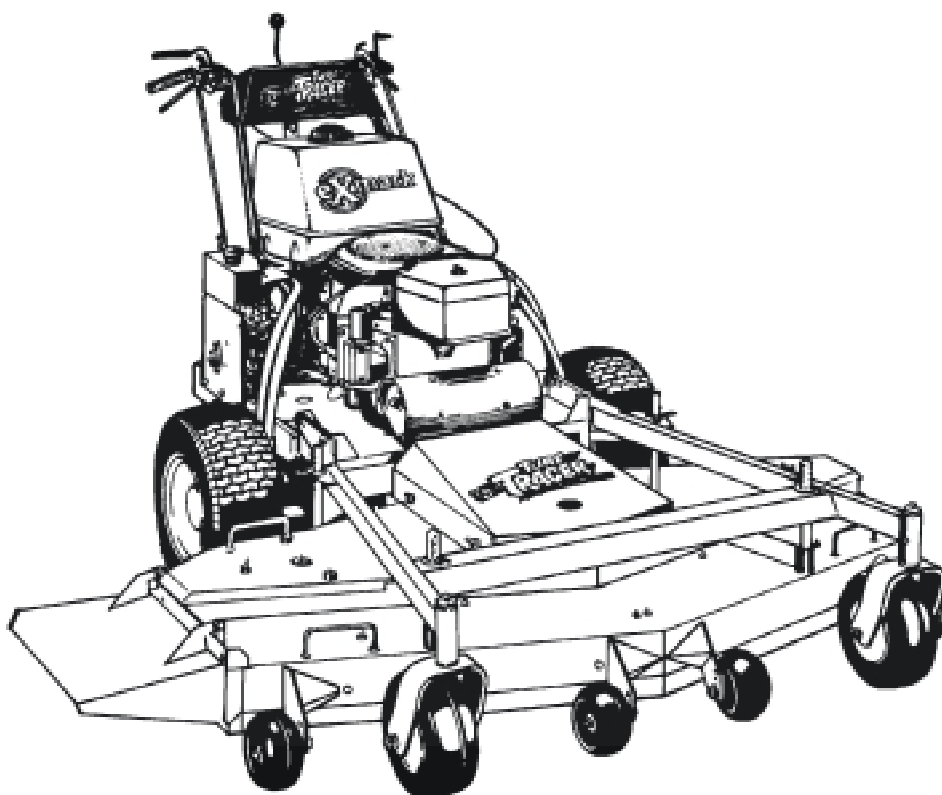


For Serial Nos.
260,000 & Higher



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

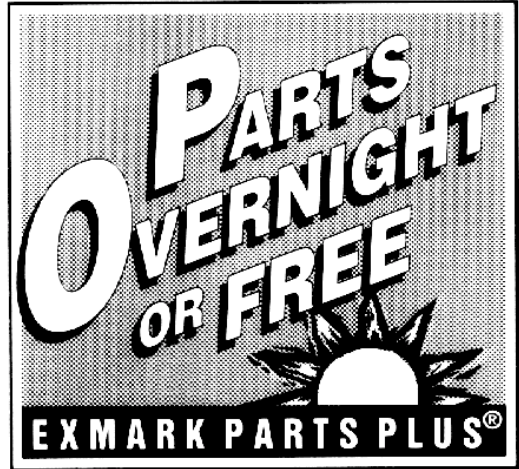
EFFECTIVE DATE: September 1, 1995

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.

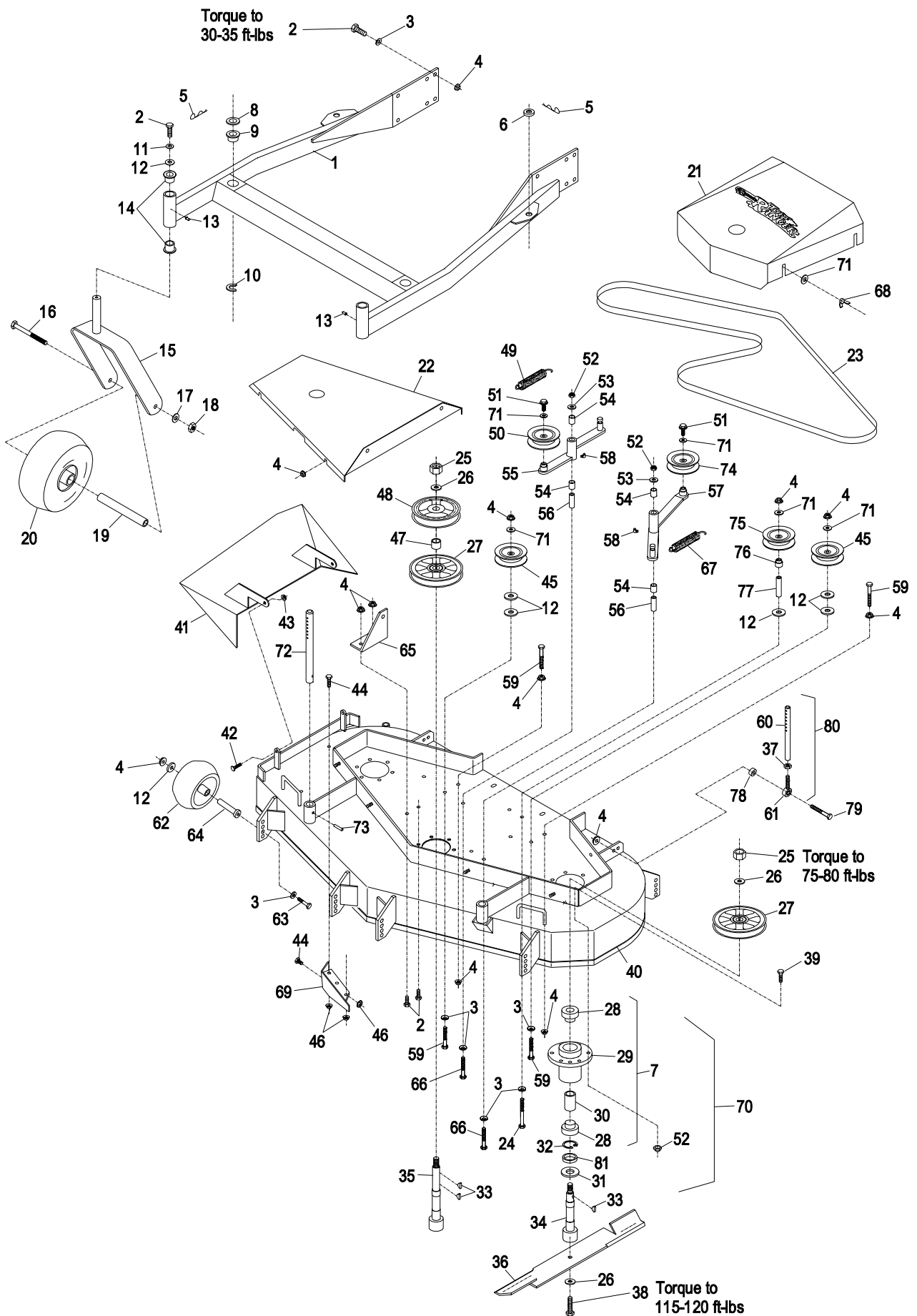


**READ OPERATOR'S MANUAL BEFORE
OPERATING OR SERVICING EXMARK EQUIPMENT.**

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52" MOWER DECK



52" MOWER DECK

Ref No.	Part No.	Description	Qty. Req'd.	Ref No.	Part No.	Description	Qty. Req'd.
1	1-604960	Support, deck 1-612092-01 w/ bushings & decals.....	1	41	1-602571-01	Chute, Discharge.....	1
2	323-6	Capscrew, 3/8-16 x 1	12	42	322-5	Capscrew, 5/16-18 x 1	2
3	98-5975	Washer, disc spring 3/8.....	19	43	3296-29	Nut, nylock 5/16-18	2
4	3290-357	Nut, whizlock 3/8-16	33	44	322-2	Capscrew, 5/16-18 x 5/8 ...	3
5	806009	Hairpin, .177	4	45	1-303516	Pulley, V-Idler	2
6	1-323539	Spacer	2	46	32128-20	Nut, whizlock 5/16-18.....	3
7	1-634619	Housing w/Brg, Spcr & Ring	3	47	1-603504	Spacer, tube	1
8	1-413425	Spacer	2	48	1-603581	Sheave, mower drive	1
9	1-513336	Bushing, deck support.....	2	49	1-603413	Spring, extension	1
10	32120-33	Ring, retaining (external) ...	2	50	1-603497	Pulley, idler	1
11	3253-5	Washer, lock 3/8 hvy spring	2	51	3234-11	Screw, whizlock 3/8-16 x 1	2
12	1-373034	Washer, pivot	13	52	3296-39	Nut, nylock 3/8-16	20
13	302-52	Zerk, 1/8 NPT (straight)....	2	53	3256-4	Washer, 3/8	2
14	1-303514	Bearing, flange thrust	4	54	1-513034	Bearing, pivot	4
15	1-522143-01	Fork, caster	2	55	1-602604	Idler arm assy w/bearings .	1
16	325-20	Capscrew, 1/2-13 x 6	2		1-602591-03	Arm, deck idler	1
17	3253-7	Washer, lock 1/2	2	56	1-603384	Bushing, idler pivot.....	2
18	3217-9	Nut, 1/2-13.....	2	57	1-602865	Idler arm, w/bearings	
19	1-513547	Spacer, front caster	2			deck drive.....	1
20	1-513648	Tire/wheel assy, 9 x 3.50-4	2		1-602867-03	Arm, deck drive idler	1
	1-513807	Wheel	2	58	302-40	Zerk, 1/4-28 (90°).....	2
	1-513808	Tire 9 x 3.50-4	2	59	323-11	Capscrew, 3/8-16 x 2-1/4..	4
	1-513809	Bearing	2	60	1-413525	Link, rear deck support	2
	1-513810	Bushing	4	61	1-613204	Balljoint	2
21	1-614041	Cover w/decal.....	1	62	1-603299	Roller, anti scalp	6
22	1-602545-01	Cover, deck.....	2	63	98-5961	Capscrew, 3/8-16 x 4 Gr8.	6
23	1-603576	Belt, blade drive	1	64	1-603602	Bushing, roller	6
24	323-16	Capscrew, 3/8-16 x 4	1	65	1-603620-01	Bracket, spring anchor	1
25	3219-6	Nut, 5/8-18 UNF	3	66	1-800805	Capscrew, 3/8-16x3 1/2 Gr8	2
26	1-513208	Spring, disk.....	6	67	1-603414	Spring, extension	1
27*	1-553039	Sheave, blade drive.....	3	68	1-543678	Wingnut, nylock	4
28*	1-513016	Bearing, ball	6	69	1-602913-01	Baffle	1
29	1-323532	Housing, bearing	3	70▲	1-554033	Housing, cutter complete (center)	1
30	1-323528	Spacer, bearing	3		1-554019	Housing, cutter complete (outer)	2
31	1-633573	Guard, dust	3	71	3256-24	Washer, 3/8 SAE Flat	5
32	32120-8	Snap ring	3	72	1-603001	Rod, deck support.....	2
33	3257-32	Key, woodruff #61.....	4	73	1-806332	Roll pin, 1/4 x 1-1/2	2
34	103-0958	Spindle, outer blade.....	2	74	1-613098	Idler	1
35	103-0959	Spindle, center blade.....	1	75	1-603805	Idler	1
36	1-633482	Blade, notched air foil.....	3	76	1-513791	Bushing	1
	1-613251	Blade, solid air foil	3	77	1-603494	Spacer.....	1
	1-633485	Blade, low lift	3	78	1-603050	Spacer.....	2
‡	1-633484	Blade, mulching	3	79	323-9	Capscrew, 3/8-16 x 1 3/4 ..	2
37	3219-3	Nut, hex 3/8-24.....	2	80	1-414521	Link Assy.....	2
38	103-0862	Capscrew, 5/8-18x2 3/4 Gr8	3	81	1-323533	Spacer, Shv/Brg	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				

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

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

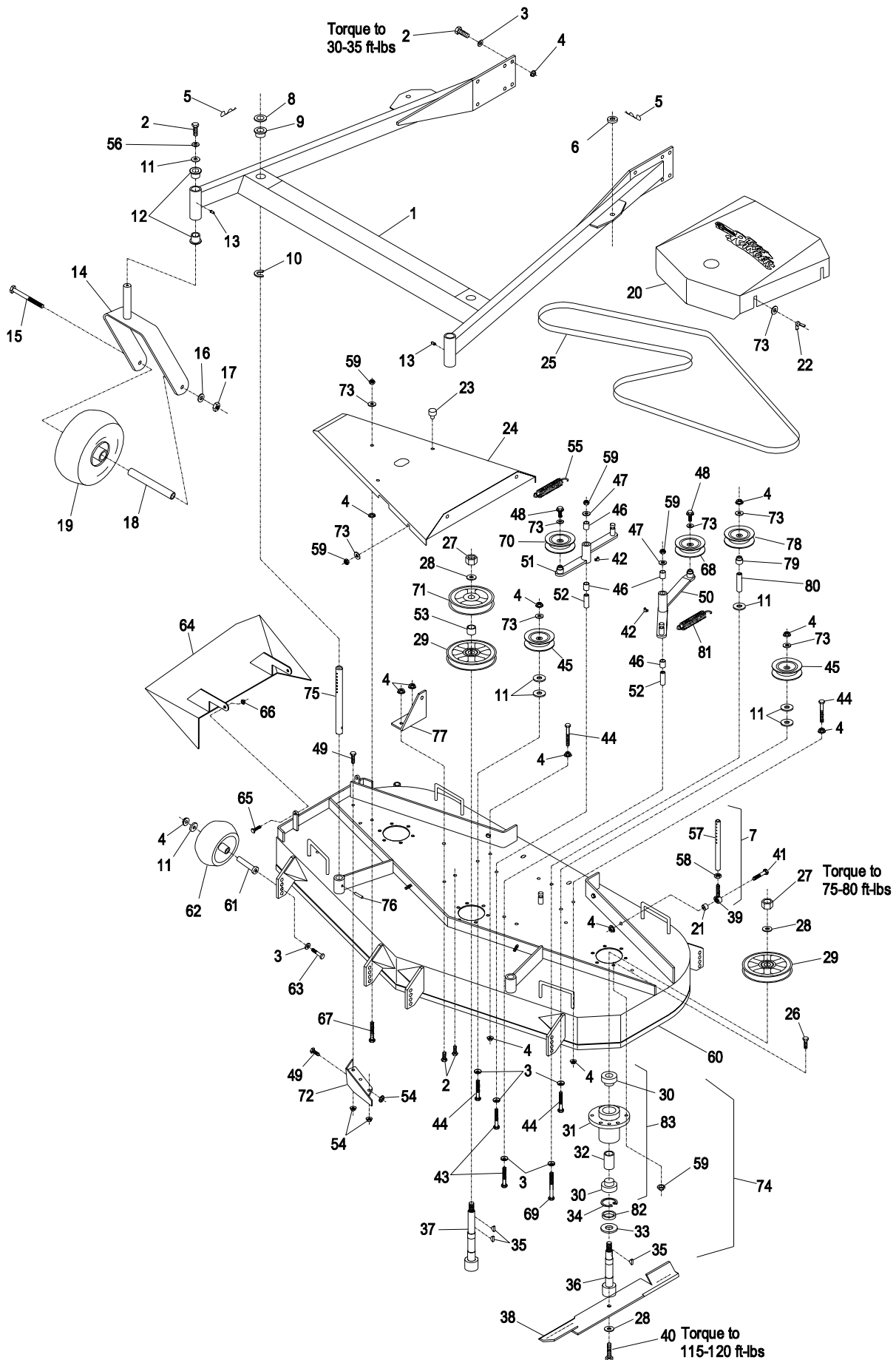
◆ Deck weldmt does include welded in flow control baffles.

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

* Use Antisizeze 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.	Ref No.	Part No.	Description	Qty. Req'd.
1	1-604847	Support, deck 1-612094-01 w/ bushings & decals.....	1	42	302-40	Zerk, 1/4-28 (90°).....	2
2	323-6	Capscrew, 3/8-16 x 1	12	43	1-800805	Capscrew, 3/8-16 x 3.5	2
3◇	98-5975	Washer, disc spring 3/8.....	19	44	323-11	Capscrew, 3/8-16 x 2-1/4..	4
4◇	3290-357	Nut, whizlock 3/8-16	27	45	1-303516	Pulley, V-idler	2
5	1-806009	Hairpin, .177	4	46	1-513034	Bearing, pivot	4
6	1-323539	Spacer	2	47	3256-4	Washer, 3/8 stdn flat.....	2
7	1-414521	Link assy	2	48	3234-11	Bolt, whizlock 3/8-16 x 1 ...	2
8	1-413425	Spacer	2	49	322-2	Capscrew, 5/16-18 x 5/8 ...	3
9	1-513336	Bushing, deck support.....	2	50	1-602867-03	Arm, deck drive idler	1
10	32120-33	Ring, retaining (external) ...	2		1-602865	Idler arm assy, deck drive (with bearings)	1
11◇	1-373034	Washer, pivot	13	51	1-602591-03	Arm, deck idler	1
12	1-303514	Bearing, flange thrust	4		1-602604	Idler arm, w/bearings	1
13	302-52	Zerk, 1/8 NPT (straight)....	2	52	1-603384	Bushing, idler pivot.....	2
14	1-522143-01	Fork, caster.....	2	53	1-603504	Spacer, tube.....	1
15	325-20	Capscrew, 1/2-13 x 6	2	54	32128-20	Nut, whizlock 5/16-18.....	3
16	3253-7	Washer, lock 1/2	2	55	1-603413	Spring, extension	1
17	3217-9	Nut, 1/2-13.....	2	56	3253-5	Washer,lock 3/8 (hvy spring)2	
18	1-513547	Spacer, front caster.....	2	57	1-413525	Link, rear deck support	2
19	1-513648	Tire/whl assy, 9 x 3.50-4 ...	2	58	3219-3	Nut, hex 3/8-24	2
	1-513807	Wheel	2	59	3296-39	Nut, nylock 3/8-16	26
	1-513808	Tire 9 x 3.50-4	2	60◆	1-612149	Deck, 612286 with support rods & baffle.....	1
	1-513809	Bearing	2	61	1-603602	Bushing, roller	6
	1-513810	Bushing	4	62	1-603299	Roller, anti scalp	6
20	1-614110	Cover w/decals	1	63	98-5961	Capscrew, 3/8-16 x 4 (Gr 8) 6	
21	1-603050	Spacer	2	64	1-542606-01	Chute, discharge	1
22	1-543678	Wingnut, nylon insert.....	10	65	322-5	Capscrew, 5/16-18 x 1	2
23	1-513291	Bumper, seat.....	2	66	3296-29	Nut, nylock 5/16-18	2
24	1-542588-01	Cover, deck.....	2	67	1-800031	Tapbolt, 3/8-16 x 2 3/4.....	2
25	1-603045	Belt, blade drive	1	68	1-613098	Pulley, flat idler.....	1
26	323-7	Capscrew, 3/8-16 x 1 1/4 ..	18	69◇	323-16	Capscrew, 3/8-16 x 4 (Gr 5) 1	
27	3219-6	Nut, 5/8-18 UNF	3	70	1-603497	Pulley, idler.....	1
28	1-513208	Washer, disc spring.....	6	71	1-613024	Sheave, mower drive	1
29*	1-553039	Sheave, blade drive.....	3	72	1-602913-01	Baffle	1
30*	1-513016	Bearing, ball	6	73◇	3256-24	Washer, 3/8 SAE	13
31	1-323532	Bearing, housing	3	74▲	1-554019	Cutter hsg,outer complete	2
32	1-323528	Spacer, bearing	3		1-554018	Cutter hsg,center complete	1
33	1-633573	Guard	3	75	1-603001	Rod, deck support.....	2
34	32120-8	Snap ring	3	76	1-806332	Rollpin	2
35	3257-32	Key, woodruff 5/8 x 3/16....	4	77	1-603620-01	Bracket, spring anchor	1
36	103-0958	Spindle, outer blade.....	2	78◇	1-603805	Idler	1
37	103-0959	Spindle, center blade.....	1	79◇	1-513791	Bushing	1
38	1-633483	Blade, notched air foil.....	3	80◇	1-603494	Spacer.....	1
	1-613250	Blade, solid air foil	3	81	1-603414	Spring, extension	1
	1-613111	Blade, low lift	3	82	1-323533	Spacer w/bearing	3
†	1-613112	Blade, mulching	3	83	1-634619	Housing w/brg, spcr, & ring	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				

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

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

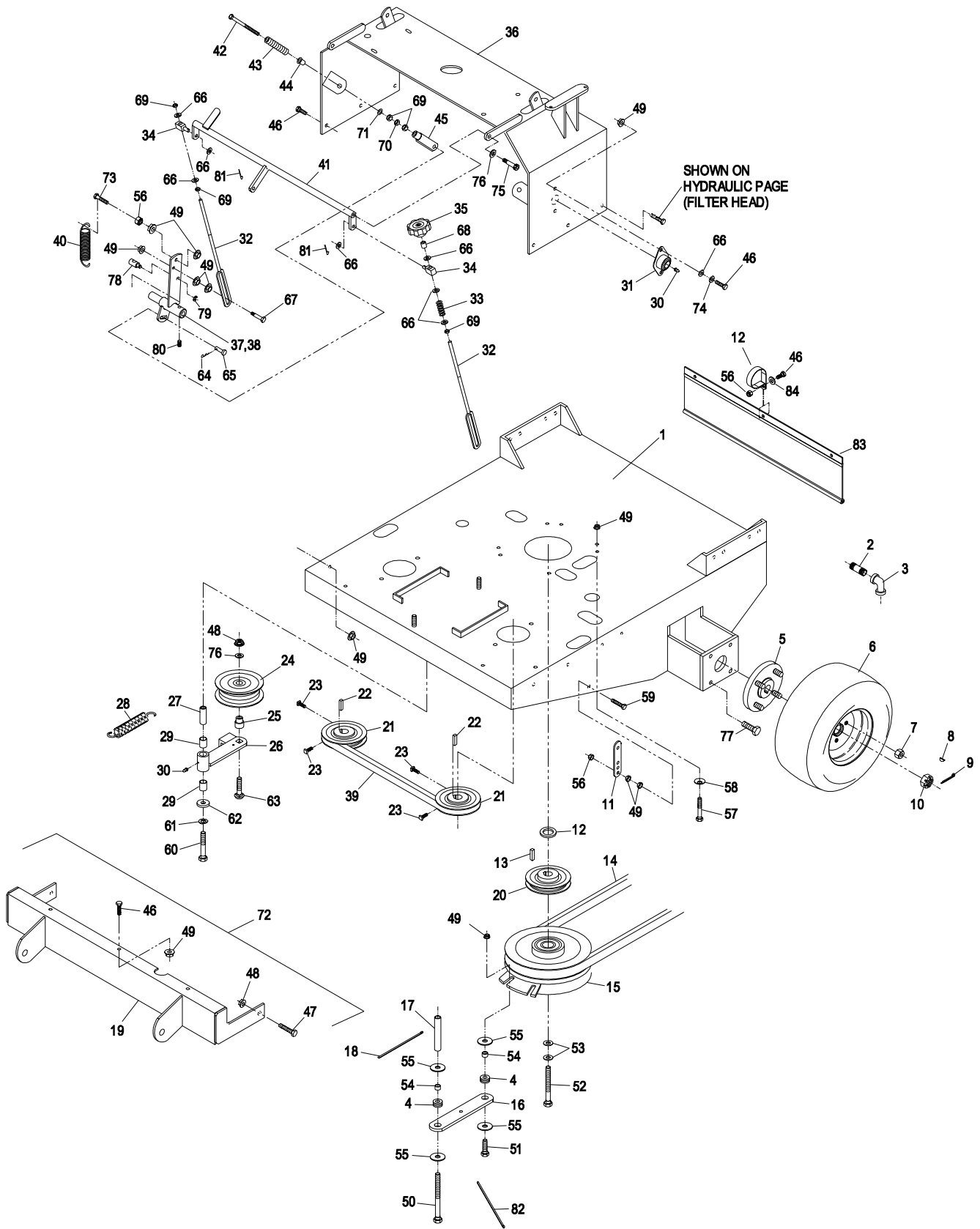
◆ Deck weldmt does include welded in flow control baffles.

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

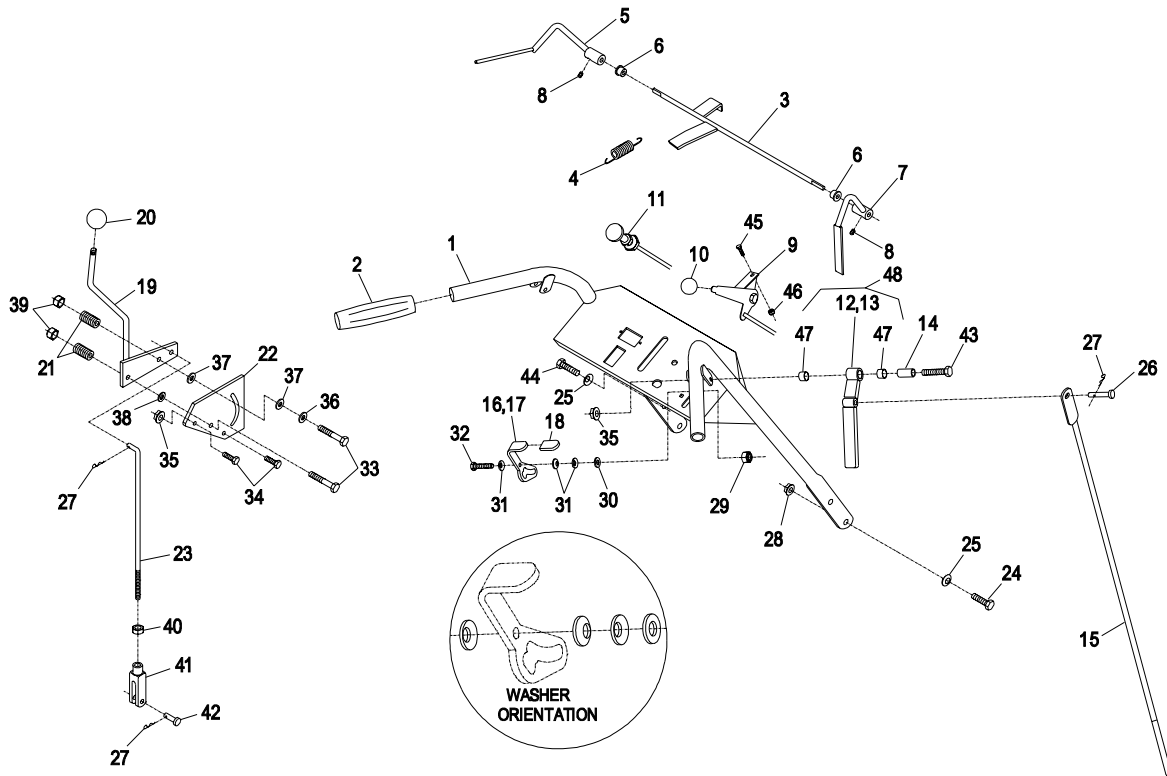
* Use Teflon Pipe Sealant or equivalent on threads.

• 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



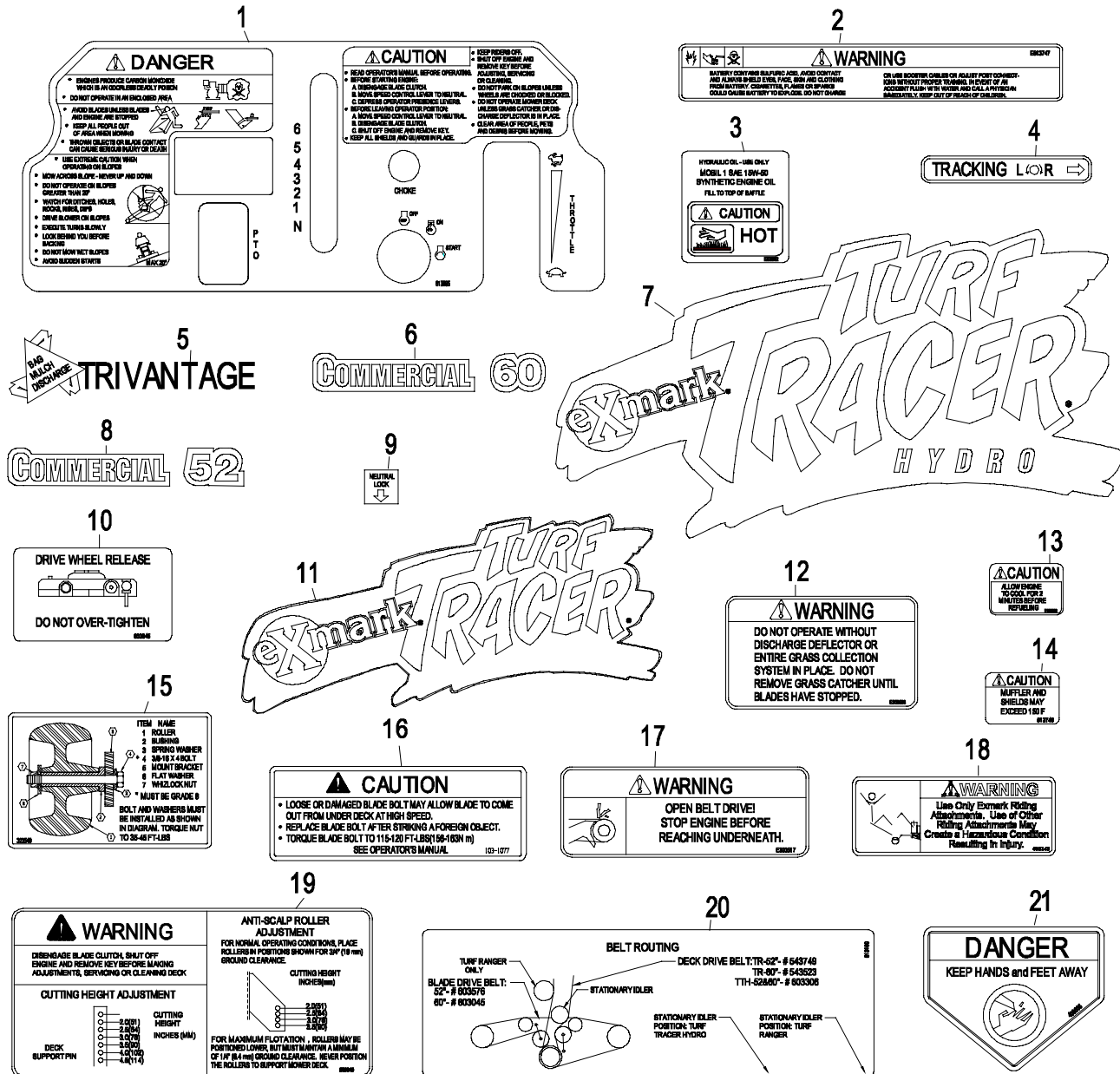
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0215	Handle wldmnt, with decals.	1	25	98-5975	Washer, spring disk.....	4
2	1-303097	Grip, handle.....	2	26	1-613055	Pin, clevis.....	2
3	1-612187-01	Rod wldmnt, OPC.....	1	27	1-806003	Hairpin cotter	4
4	1-303363	Spring	1	28	3290-357	Nut, whizlock 3/8-16	4
5√	1-412183-03	Lever wldmt, OPC Lh	1	29	3296-42	Nut, nylock 1/4-20.....	2
6	1-303365	Bushing, nylon.....	2	30	3256-2	Washer, 1/4 std flat.....	2
7√	1-412185-03	Lever weldmt, OPC Rh.....	1	31	1-303435	Washer, 1/4 disc spring.....	6
8	1-803322	Setscrew	2	32	321-10	Screw, 1/4-20 x 1-3/4.....	2
9	1-633696	Throttle control (Kaw).....	1	33	322-10	Screw, 5/16-18 x 2.....	2
	1-613247	Throttle control (Koh)	1	34	321-3	Screw, 1/4-20 x 5/8.....	2
10	1-513592	Knob, red ball	1	35	32128-33	Nut, whizlock 1/4-20	4
11	1-603336	Choke control push/pull.....	1	36	1-603716	Washer, friction.....	1
12	1-412161-03	Drive lever RH (shown)	1	37	1-323244	Washer, friction.....	2
13	1-412159-03	Drive lever LH (not shown) ..	1	38	3256-23	Washer, 5/16 flat	1
14	1-603749	Bushing, drive lever.....	2	39	3296-29	Nut, nylock 5/16-18.....	2
15	1-613189	Rod, drive lever	2	40	3220-2	Nut, jam 5/16	1
16	1-612168	Latch,thumb RH w/grip (shown)	1	41	1-303105	Yoke, adjustable	1
17	1-612167	Latch, thumb LH w/grip	1	42	1-808280	Pin, clevis.....	1
18	1-303019	Grip, vinyl latch.....	2	43	321-9	Screw, 1/4-20 x 1-1/2.....	2
19	1-602733	Lever, shifter	1	44	323-7	Screw, 3/8-16 x 1-1/4.....	1
20	1-603175	Knob, 1-3/8.....	1	45	1-807513	Screw, 10-24 x 1/2.....	2
21	1-323245	Spring, compression	2	46	3296-2	Nut, nylock 10-24.....	2
22	1-603730	Plate, shifter lever	1	47	1-413152	Bearing, sleeve	4
23	1-603700	Rod, speed control.....	1	48	103-0219	Asm,drive lever RH.....	1
24	323-6	Screw, 3/8-16 x 1	3		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

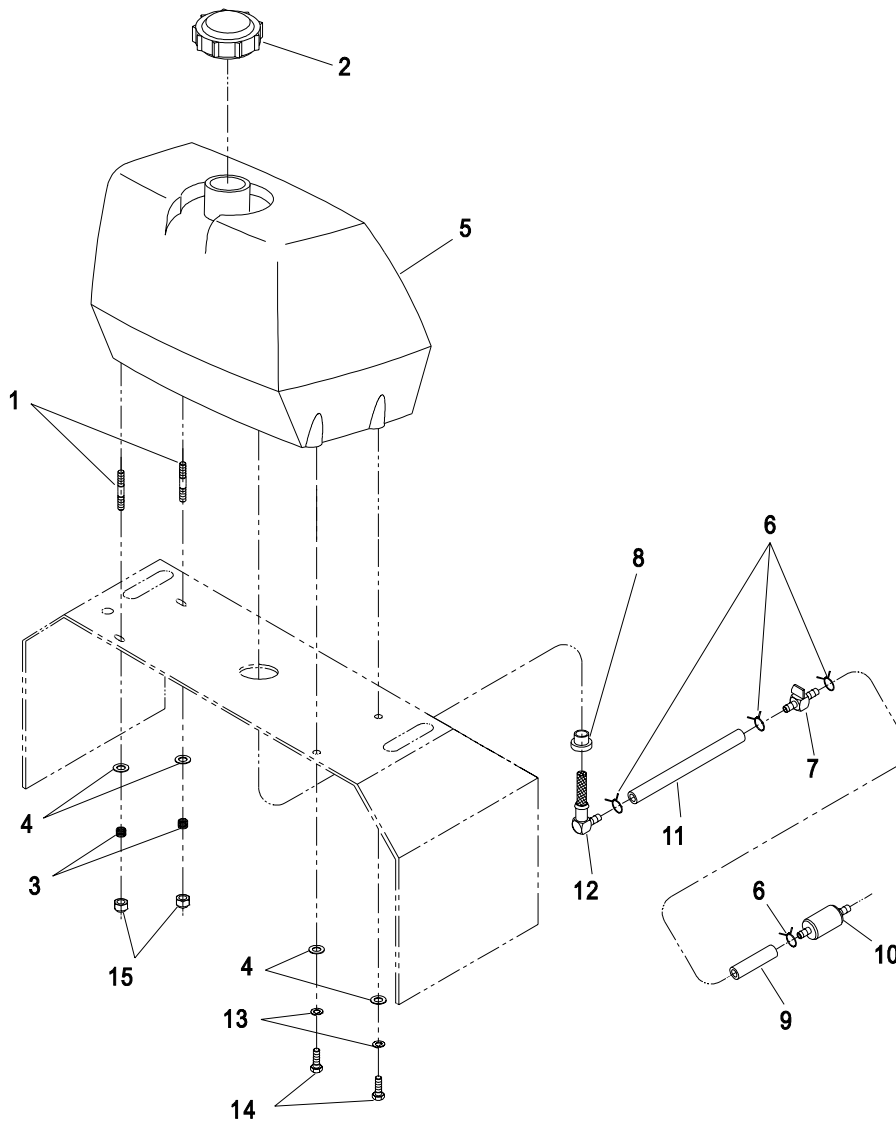
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DECALS



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

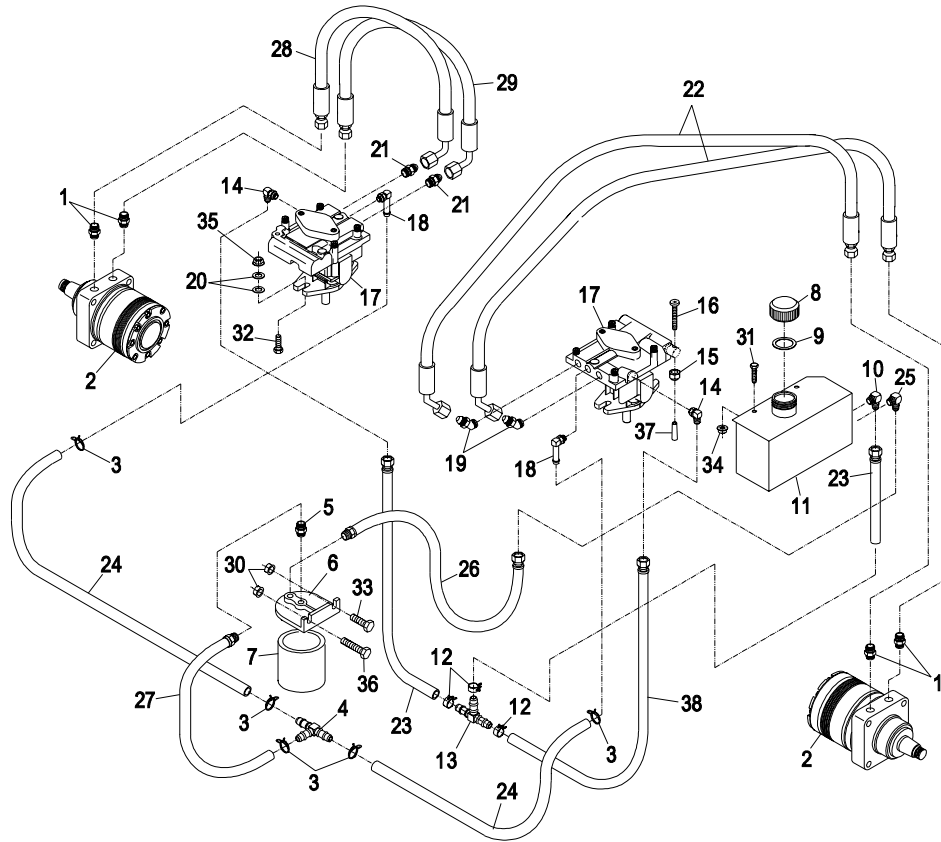
FUEL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1•	1-633023	Stud, fuel tank.....	2	10	Kohler Part No. 2405002 fuel filter		1
2	1-513508	Cap, gas	1		Kawasaki Part No. 49019-2075 fuel filter		1
3	1-633349	Spring, fuel tank.....	2	11	1-543649	Hose, fuel 7.0 (Kaw).....	1
4	3256-23	Washer, flat 5/16 std	4		1-303022	Hose, fuel 8.5 (Koh)	1
5	1-413179	Gas tank	1	12	1-543277	Elbow, fuel tank	1
6	1-303077	Clamp, fuel line	4	13	1-805005	Washer, 5/16 lock	2
7	1-603770	Valve, fuel.....	1	14	322-3	Screw, 5/16-18 x 3/4	2
8	1-513645	Bushing, fuel.....	1	15	3296-47	Nut, nylock 5/16-18	2
9	1-603776	Hose, fuel 2.5 (Koh).....	1				
	1-303022	Hose, fuel 8.5 (Kaw)	1				

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

HYDRAULICS GROUP



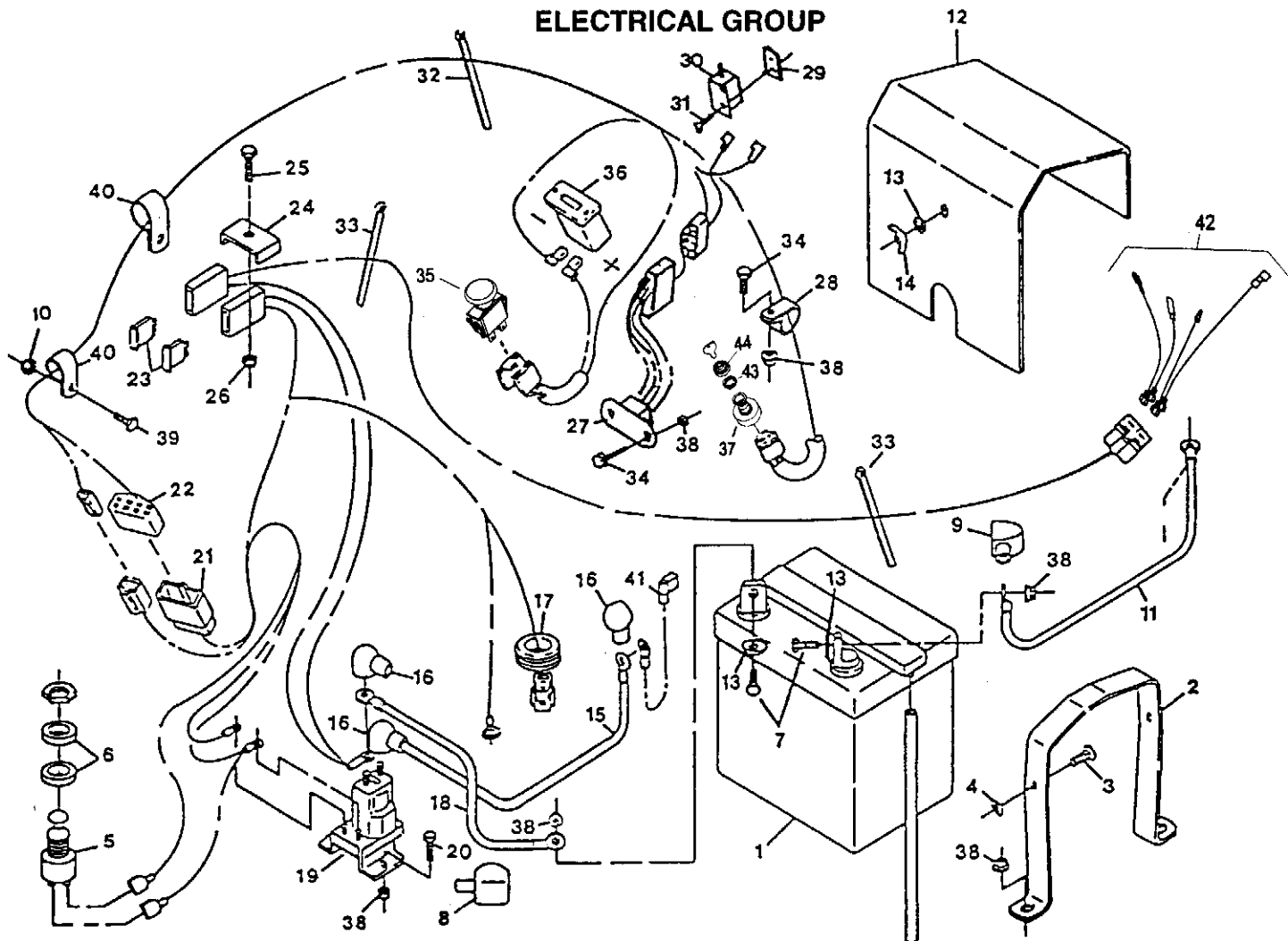
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	1-603991	Fitting, straight connector...	4	18	1-603989	Elbow, 90°.....	2
	1-603919	Boss O-Ring.....	1		1-603923	O-Ring	1
	1-603992	Flare O-Ring.....	1	19	1-523221	Elbow, 45	2
2	1-603718	Motor, wheel.....	2		1-603992	Flare O-Ring	1
	1-000119	Kit, seal	1		1-603920	Boss O-Ring	1
	1-000138	Kit, bearing	1	20	3256-3	Washer, 5/16 std	8
3	1-603827	Clamp, hose 5/8".....	5	21	1-603990	Adapter, straight thread	2
4	1-603721	Fitting, hose tee (3/8 hose)	1		1-603920	Boss O-Ring	1
5	1-513510	Connector, male.....	1		1-603992	Flare O-Ring	1
6*	1-603720	Head, filter	1	22	1-603981	Hose, hydro (RH).....	2
7	1-513211	Element, oil filter.....	1	23	1-602750	Hose assy, case drain	2
Δ	1-523541	Element, oil filter(winter)....	1	24	1-603986	Hose assy, charge pump....	2
8	1-513167	Cap, hydraulic reservoir	1	25	1-603988	Elbow, 90°.....	1
9	1-523103	Gasket, hydr. tank cap	1	26	1-602985	Hose assy, supply.....	1
10	1-603987	Elbow, 90°	1	27	1-602754	Hose assy, charge line	1
11*	1-512166-03	Reservoir, hydraulic fluid ...	1	28	1-613034	Hose, hydro (LH)	1
12	1-603826	Clamp, hose 1/2".....	3	29	1-323241	Hose, hydro (LH)	1
13	1-603722	Fitting, hose tee(1/4 I.D hose)	1	30	32128-20	Nut, whizlock 5/16-18	2
14	1-513840	Elbow, 90°	2	31	321-4	Screw, 1/4-20 x 3/4.....	2
	1-603921	O-Ring.....	1	32	323-7	Screw, 3/8-16 x 1-1/4.....	4
15	3296-42	Nut, nylock 1/4-20	2	33	322-3	Screw, 5/16-18 x 3/4.....	1
16	1-801063	Screw, 1/4-20 x 2 pan hd ..	2	34	32128-33	Nut, whizlock 1/4-20	2
17	1-613042	Pump, hydro.....	2	35	3290-357	Nut, whizlock 3/8-16	4
	2513018	Kit, overhaul seal.....	1	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.	Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0293	Battery, 12V manifold	1	24	1-603434	Clip, fuse block.....	1
2	1-603814-03	Strap, battery holddown	1	25	321-9	Screw, 1/4-20 x 1-1/2	1
3	1-807512	Bolt, carriage 1/4-20 x 3/4 ..	2	26	3296-42	Nut, nylock 1/4-20	1
4	1-803037	Nut, retaining 1/4-20	2	27	1-613198	Module, Safety Interlock.....	1
5	1-603760	Switch, push button	1	28	1-513762	Clip, 1/2" Loom.....	1
6	1-323539	Spacer	2	29	1-633181	Plate, tapped	1
7	321-4	Screw, 1/4-20 x 3/4	2	30	1-513051	Switch.....	1
8	1-543391	Insulator, Battery +	1	31	3290-500	Screw, #10-24x5/8	2
9	1-543390	Insulator, Battery -	1	32	1-303335	Plastic tie, (large)	1
10	3290-357	Nut, whizlock 3/8-16	1	33	1-303287	Plastic tie.....	2
11	1-543767	Wire, ground.....	1	34	321-3	Screw, 1/4-20 x 5/8	3
12	1-603105	Cover, battery debris	1	35	1-633673	Switch, delta	1
13	3256-2	Washer, 1/4 Flat	3	36	1-513374	Meter, engine hour.....	1
14	1-803038	Wingnut, 1/4-20	2	37	1-543070	Switch, ignition w/keys	1
15	1-603488	Wire, battery to starter (+) ..	1		1-603511	Keys, ignition.....	1
16	1-543393	Insulator, solenoid	3	38	32128-33	Nut, whizlock 1/4-20.....	9
17	1-543286	Grommet	1	39	323-6	Screw, 3/8-16 x 1	1
18	1-513053	Wire, battery to solenoid (+) ..	1	40	1-603727	Clip, 9/16" loom.....	2
19	1-513075	Switch, 12V solenoid	1	41	1-543084	Wire, starter solenoid (Koh only)1	
20	321-2	Screw, 1/4-20 x 1/2	2	42	1-613262	Harness, wire (19hp Kaw only)1	
21	1-613010	Harness, engine deck.....	1	43	103-0498	Nut, Ignition.....	1
22	1-613296	Harness, wire console	1	44	103-0499	Seal, Ignition	1
23	1-816001	Fuse, blade 20 amp	2				

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Apply dielectric grease to all electrical connectors

KOHLER

SOLENOID SWITCH

TRANSMISSION SWITCH
NORMALLY OPEN

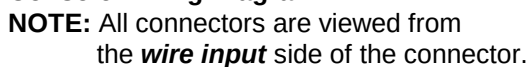
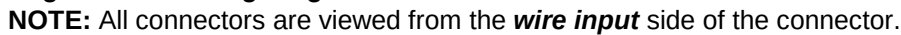
CLUTCH

GROUND

FUSE HOLDER

SOLENOID (POSITIVE)

Wiring details: The diagram shows a Kohler engine with various colored wires (Orange, Brown, Yellow, Light Blue, Black, Dark Blue, Red, White, Orange) connected to a Solenoid Switch. A Clutch switch is connected to a White wire. A Transmission Switch (Normally Open) is connected to a Brown wire. A Solenoid (Positive) is connected to a Red wire. A Fuse Holder is shown with terminals A, B, and A, B. A Ground connection is indicated. A separate engine component is shown with Violet, Red, Green, and White wires, labeled 'FROM ENGINE'.



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