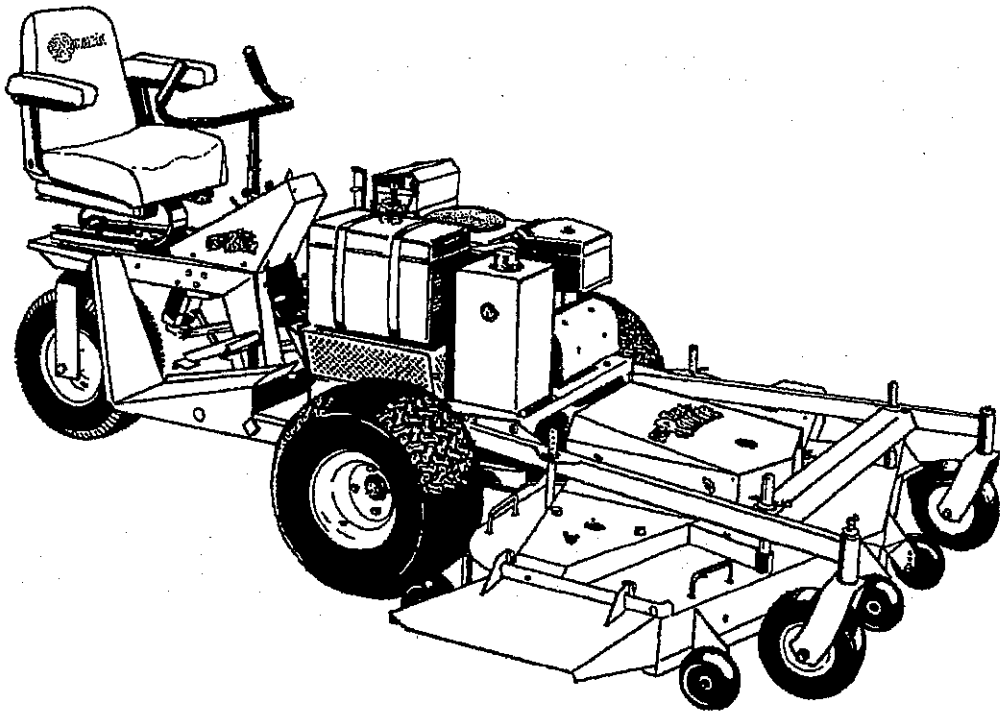
For Serial Nos. 260,000 & Higher

eXmark® MFG. CO. INC.



PARTS MANUAL

TURF RANGER

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 left hand rear surface of the engine deck below the fuel tank and for the deck is on the rear left hand top side of 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. _____

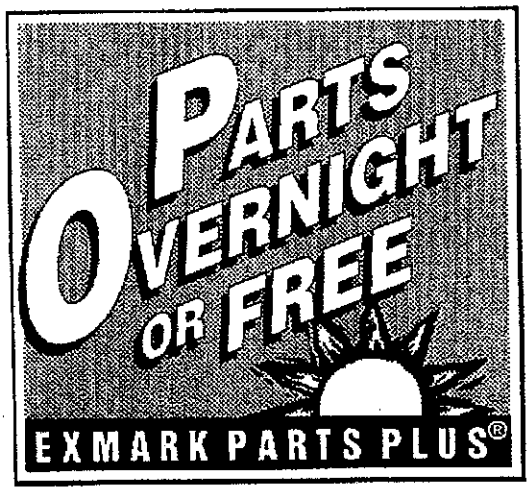
Engine Serial No. _____

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.

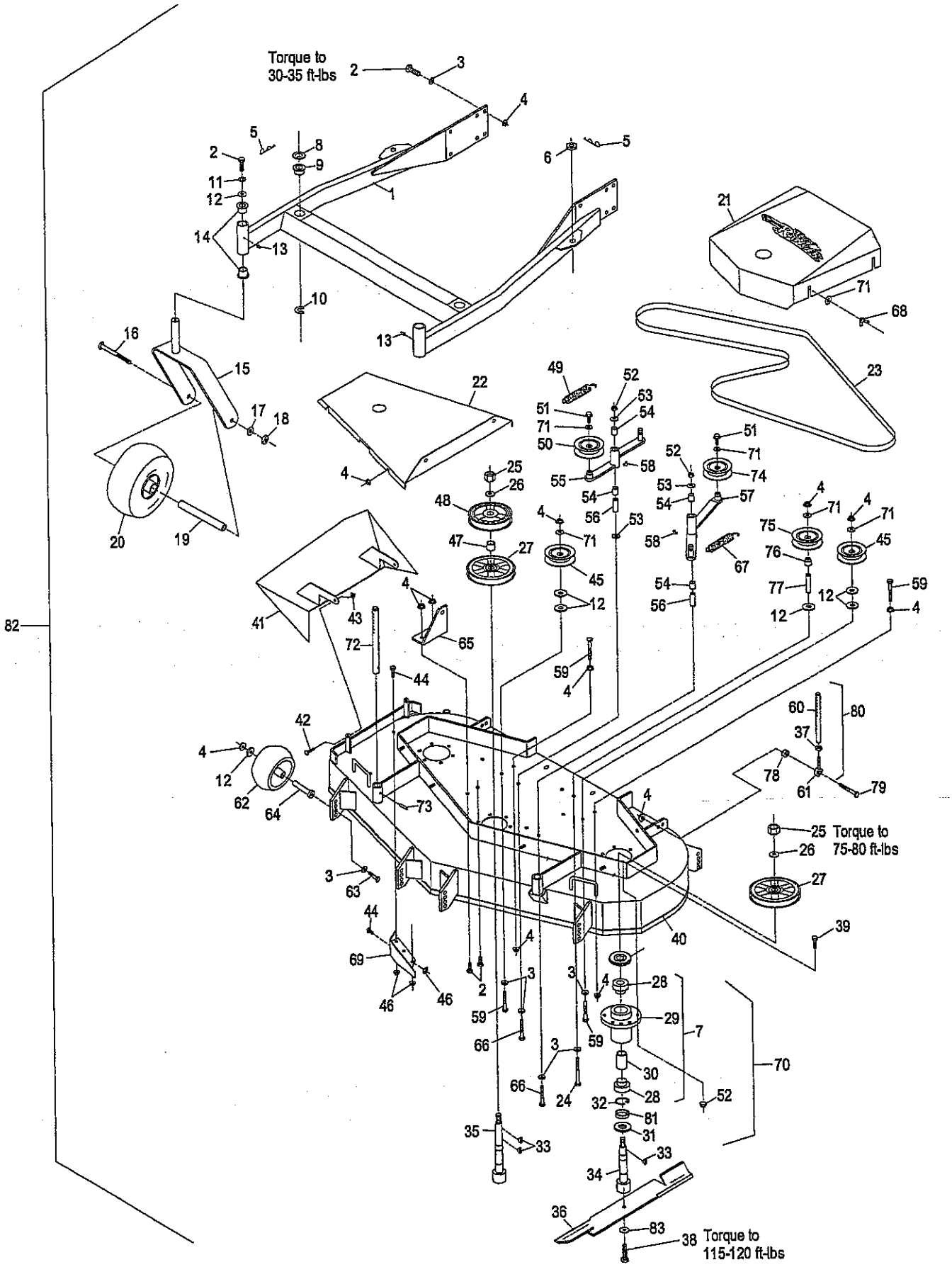
⚠ WARNING

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/bshgs &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	1-806009	Hairpin, .177	4
6	1-323539	Spacer, blade driver	2
7	1-634619	Housing w/brg,spacer&ring	2
8	1-413425	Spacer	2
9	1-513336	Bushing, deck support	2
10	32120-33	Ring, retaining (external)	2
11	3253-5.	Washer,lock 3/8hvy 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 (pneumatic)	2
■	103-2169	Spacer, front caster (semi-pneumatic)	2
20★	103-1224	Tire/wheel asm(semi-pneumatic)	2
★	1-513648	Tire/wheel asm (pneumatic)	2
	1-513809	Roller Bearing (all)	2
	1-513810	Bushing (pneumatic)	4
O	103-2170	Bushing (semi-pneumatic)	4
	1-513807	Wheel & Hub (pneumatic)	2
	1-513808	Tire 9 x 3.50-4 4-ply (pneumatic)	2
21	1-544835	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	3
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
□	1-633484	Blade, mulching	3
	103-1578	Blade, bahia	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 ¼	18
40◆	1-612155	Deck,1-612287-01 w/decals,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	3239-11	Screw, whizlock 3/8-16 x 1	2
52	3296-39	Nut, nylock 3/8-16	20
53	3256-4	Washer, 3/8	3
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 (cntr)	1
	103-1187	Housing, cutter complete (outr)	2
71✧	3256-24	Washer, 3/8 SAE	5
72	1-603001	Rod, deck support	2
73	1-806332	Roll pin, 1/4 x 1-1/2	2
74	1-613098	Pulley, flat 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, Sheave/Brg	3
82	103-1305	Asm,complete deck	1
83	103-0865	Washer,blade bolt hvy	3
84	103-1331	Guard,bearing top	3
85□	103-2171	Kit,semi-pneumatic wheel replacement	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.

❖ Link assembly must be assembled to 6.89" (or approx 6 7/8") length between center of ball joint & center of furthest hole. See diagam on next page.

□ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK523. ▲ *Outer* complete cutter housing includes sheave,washer & nut. *Center* complete cutter housing includes sheaves,washer, space

■ Front caster spacer for semi-pneumatic caster tires can be identified by yellow zinc plating.

O Bushing for semi-pneumatic caster tires can be identified by a groove on the face.

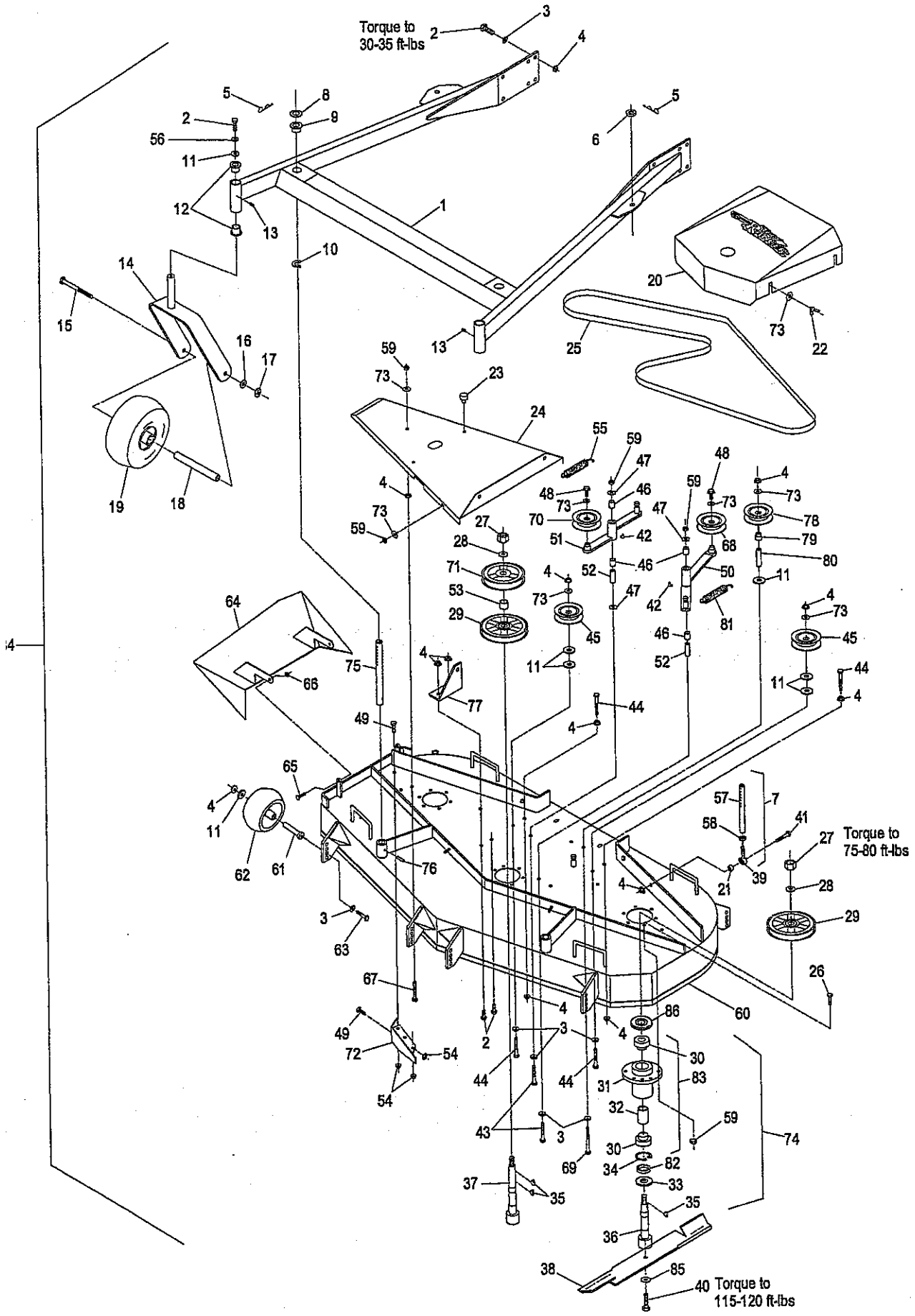
★ Caster tires with valve stems have pneumatic casters (order assembly part number 1-513648). Caster tires without valve stems have semi-pneumatic casters (order assembly part number 103-1224).

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

◆ Deck weldmt does include welded in flow control baffles

□ Kit 103-2171 used to install semi-pneumatic casters on machines originally f with pneumatic casters. Includes 103-1224 & 103-2170. Order 2 per machi

60" MOWER DECK



60" MOWER DECK

Ref. No.	Part No.	Description	Qty. Req'd.
1	1-604847	Support,deck 1-612094-01 w/bshgs&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	26
5	806009	Hairpin, .177	4
6	1-323537	Spacer	2
7◆	1-414521	Link Assy	2
8	1-413425	Washer	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 (pneumatic)	2
	103-2169	Spacer, front caster (semi-pneumatic)	2
19	103-1224	Tire/whl asm(semi-pneumatic)	2
	1-513648	Tire/whl assy(pneumatic)	2
	1-513809	Roller Bearing (all)	2
	1-513810	Bushing (pneumatic)	4
	103-2170	Bushing (semi-pneumatic)	4
	1-513807	Wheel & Hub (pneumatic)	2
	1-513808	Tire 9x3.50-4 4-ply (pneumatic)	2
20	1-544849	Cover w/decal (deck drv belt)	1
21	1-603050	Spacer	2
22	1-543678	Wingnut, nylon insert	4
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	3
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
○	1-613112	Blade, mulching	3
	103-1580	Blade, bahia	3
39	1-613204	Balljoint	2
40	103-0862	Capscrew, 5/8-18x2¾(Gr8)	3

Ref. No.	Part No.	Description	Qty. Req'd.
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	3
48	3239-11	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 asm,deck drive w/brgs	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, 1-612286-01 w/decals,rods&baffle	1
61	1-603602	Bushing, roller	6
62	1-603299	Roller, anti scalp	6
63	98-5961	Capscrew, 3/8-16x4 (Gr 8)	6
64	1-542606-01	Chute, discharge	1
65	323-5	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, 3/8-16x4 (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 housing complete outer	2
	103-1186	Cutter housing complete center	1
75	1-603001	Rod, deck support	2
76	1-806332	Roll pin, 1/4 x 1-1/2	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, Shv/Brg	3
83	1-634619	Housing w/Brg,Spacer&Ring	3
84	103-1306	Asm,complete deck	1
85	103-0865	Washer,blade bolt hvy	3
86	103-1331	Guard,bearing top	3
87□	103-2171	Kit,semi-pneumatic wheel replacement	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.

Link assembly must be assembled to 6.89" (or approx. 6 7/8") length between center of ball joint & center of furthest hole. See diagram on next page.

Caster tires with valve stems have pneumatic casters (order assembly part number 1-513648). Caster tires without valve stems have semi-pneumatic casters (order assembly part number 103-1224).

□ Kit 103-2171 used to install semi-pneumatic casters on machines originally fitted with pneumatic casters. Includes 103-1224 & 103-2170. Order 2 per machine.

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

✧ Front caster spacer for semi-pneumatic caster tires can be identified by yellow zinc plating.

· Bushing for semi-pneumatic caster tires can be identified by a groove on the face.

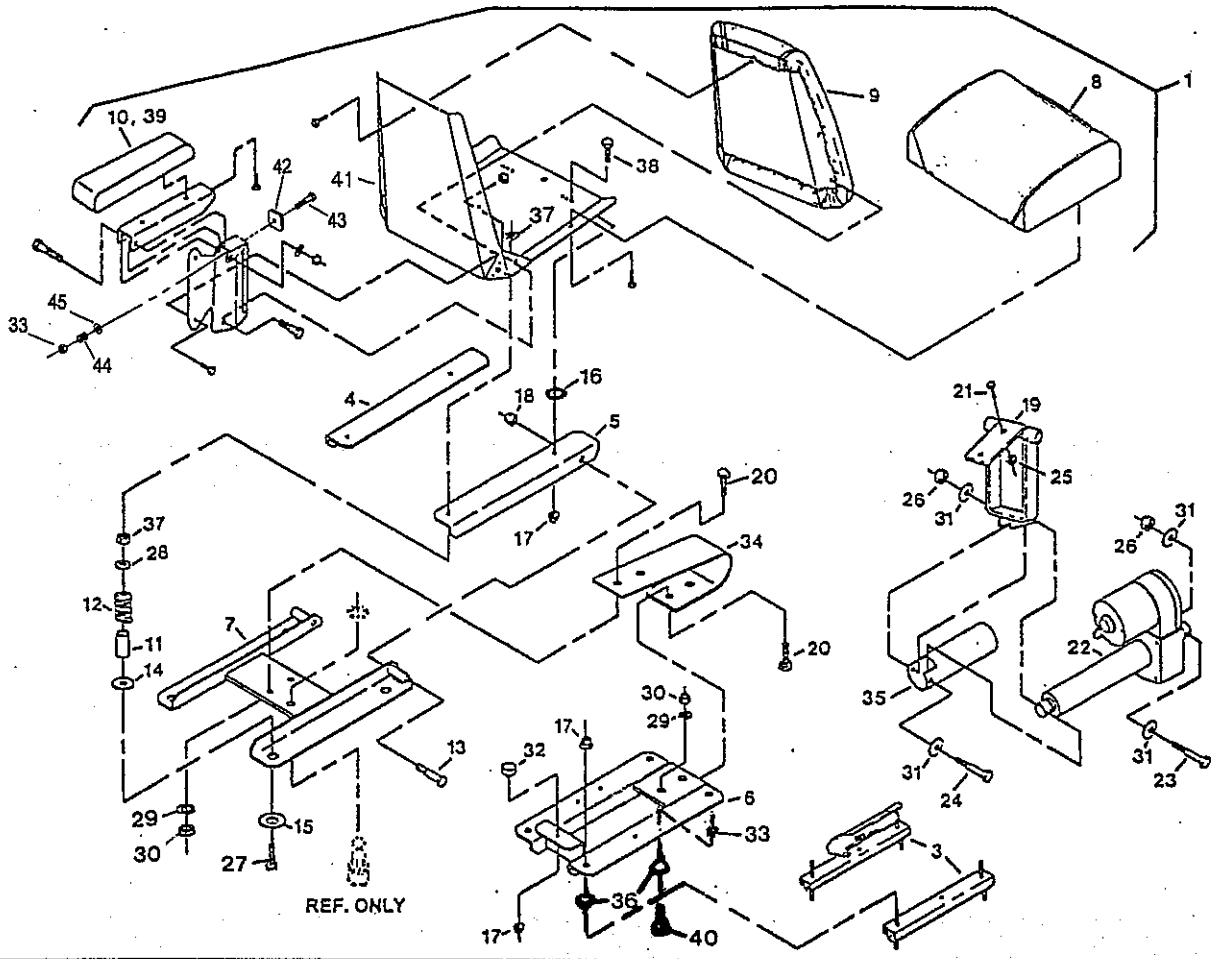
Exmark red touch up spray paint - P/N 1-850337

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

◆ Deck weldmt does include welded in flow control baffles.

✳ Use antisieze on bore of sheave & bearings.

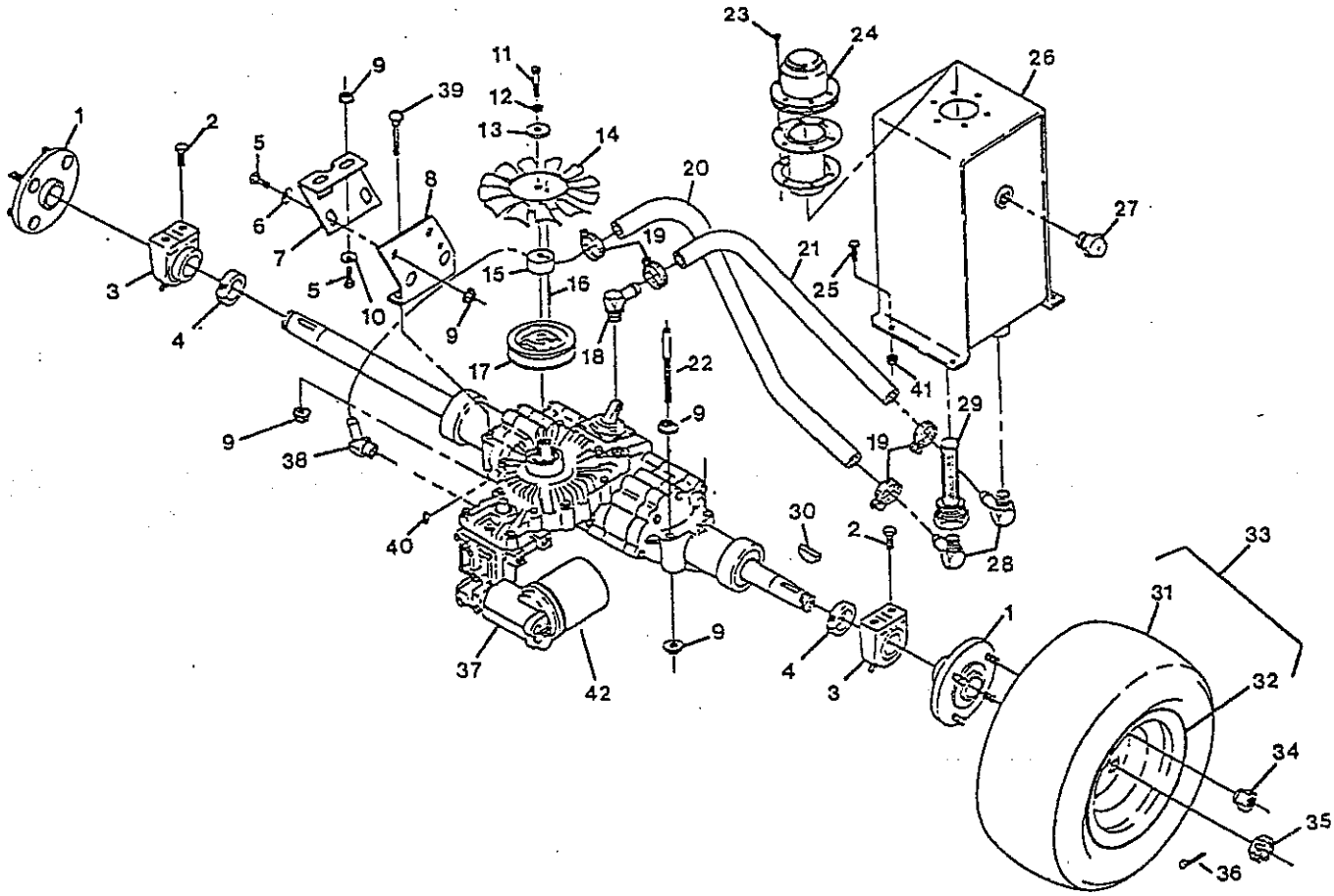
SEAT ASSY and LIFT ACTUATOR



Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0288	Seat complete w/armrests	1
2	1-543406	Kit, armrest	1
3	1-543357	Seat track, adjustable (6").	1
4	1-543319-03	Rail, seat (LH)	1
5	1-543321-03	Rail, seat (RH)	1
6	1-542307	Base rail, seat	1
7	1-542315-03	Seat rail wldmnt	1
8	103-0290	Cushion, seat	1
9	103-0289	Cushion, back rest	1
10	103-0292	Pad, arm rest (RH)	1
11	1-513479	Bushing, spring guide	2
12	1-513296	Spring	2
13	325-13	Screw, 1/2-13 x 3 1/4	2
14	325-6	Washer, 1/2	2
15	1-213069	Strut, adjustment spacer	2
16	3256-4	Flatwasher, 3/8 std	2
17	32128-20	Nut, whizlock 5/16-18	9
18	3296-23	Nut, nylock 1/2-13	2
19	1-542283	Pivot wldmnt, actuator	1
20	325-5	Screw, 1/2-13 x 1 1/4	4
21	323-6	Screw, 3/8-16 x 1	2
22	1-543241	Actuator, linear	1
23	3212-9	Screw, 7/16-20 x 5	1
24	3212-12	Screw, 7/16-20 x 3	1
25	3290-357	Nut, flange 3/8-16	2
26	3296-7	Nut, nylock 7/16-20	2
27	1-800015	Tap bolt, 5/16-18 x 2 1/2	2
28	3256-3	Washer, 5/16	2
29	3253-7	Washer, lock 1/2	4
30	3217-9	Nut, nylock 1/2-13	4
31	3256-25	Washer, 7/16	4
32	1-543963	Bumper, rubber	1
33	3296-29	Nut, nylock 5-16-18	4
34	1-543356	Spring, seat (TR)	1
35	1-543834	Guard, actuator	1
36	1-543401	Spacer, track	6
37	3217-6	Nut, 5/16-18	2
38	323-3	Screw, 5/16-18 x 3/4	2
39	103-0291	Pad, arm rest (LH)	1
40	32122-14	Screw, 5/16-18 x ¾ CR	2
41	1-633859	Seat Frame	1
42	103-0284	Tab, armrest adjustment	2
43	322-7	Screw, 5/16-18 11/2	2
44	1-633349	Spring, compression	1
45	3256-23	Washer, 5/16 SAE	1

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

AXLE and HYDRAULICS



Ref. No.	Part No.	Description	Qty. Req'd.
1	1-602997	Hub, wheel (tapered)	2
	1-613150	Stud, 1/2-20	8
2	3234-12	Screw, whizlock 3/8-16x3/4	4
3*	1-543485	Bearing, pillow base	2
f	1-840022	Pro-Lock,Nut Type (.5cc Tube) Use on Setscrews in Bearings.	
4*	1-373021	Clamp, collar (1")	2
5	323-4	Capscrew, 3/8-16 x 3/4	4
6	98-5975	Washer, disc spring 3/8	2
7	1-543996-01	Stabilizer, axle (upper)	1
8	1-543476-01	Stabilizer, (axle lower)	1
9	3290-357	Nut, whizlock 3/8-16	10
10	3256-4	Washer, 3/8 stnd. Flat	2
11	321-9	Capscrew, 1/4-20 x 1-1/2	1
12	1-805004	Lockwasher, 1/4 hvy spring	1
13	1-503033	Washer, pulley retainer	1
14	1-543359	Fan, 7" OD/10 blade	1
15	1-543317	Spacer, fan	1
16	1-806328	Rollpin, 7/32 x 7/8	1
17	1-543928	Pulley, cast iron	1
18	1-543887	Elbow, 90°	1
f	1-603919	O-Ring	1
19	1-543892	Hose Clamp	4
20	1-543930	Hose, 16.5 Push Lok	1
21	1-543931	Hose, 8.0 Push Lok	1

Ref. No.	Part No.	Description	Qty. Req'd.
22	1-543054	Pin, guide	2
23	1-802002	Screw,10-32x1/2 thrd cttng	6
24	1-543541	Breather, filler & cap	1
25	322-3	Capscrew, 5/16-18 x 3/4	1
26	1-542913-03	Tank, hydraulic	1
27	1-543894	Oil Eye, hyd tank	1
28	1-543889	Elbow, 90°	2
29	1-543864	Suction strainer	1
30	1-807019	Key, woodruff 1 x 1/4	2
31	1-543680	Tire, 20 x 10-8	2
32	1-513042	Rim	2
33	1-543396	Tire and wheel assy	2
34	242-50	Nut, wheel 1/2-20	8
35	32136-5	Nut, slotted 3/4-16	2
36	1-806800	Pin, cotter, 9/64 x 1-1/2	2
37	1-543055	Transaxle 851-114 Series	1
38	1-543888	Elbow, 45°	1
f	1-603919	0-Ring	1
39	1-807525	Bolt, 3/8-16x2-3/4 carriage	2
f	1-840022	Pro-Lock,Nut Type(.5cc Tube) Use on Threads.	
40	3257-32	Key, woodruff 3/8 x 5/16	1
41	32128-20	Nut, whizlock 5/16-18	4
42	1-513211	Element, oil filter	1

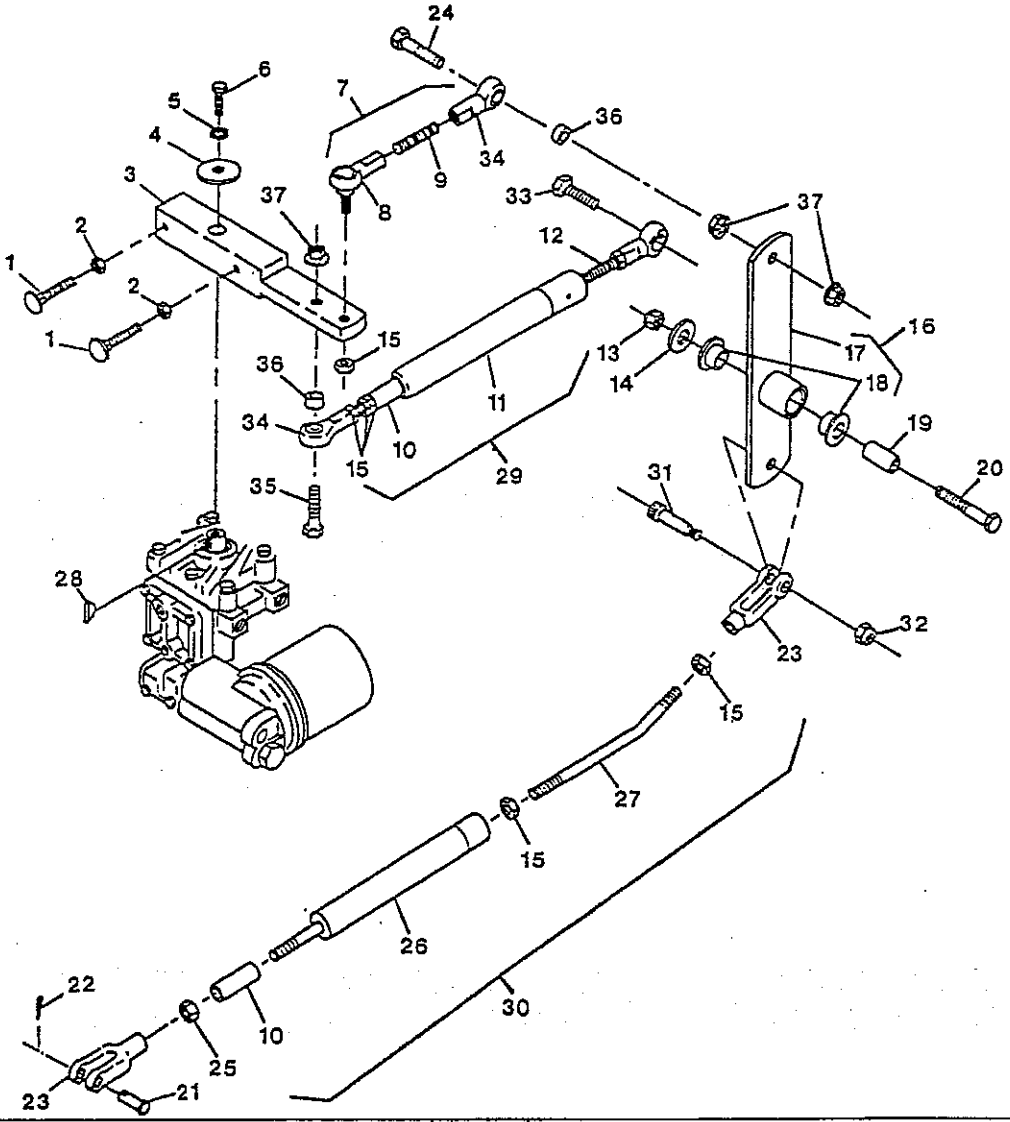
f Not Illustrated.

* Apply antisieze compound to bore.

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MOTION CONTROLS



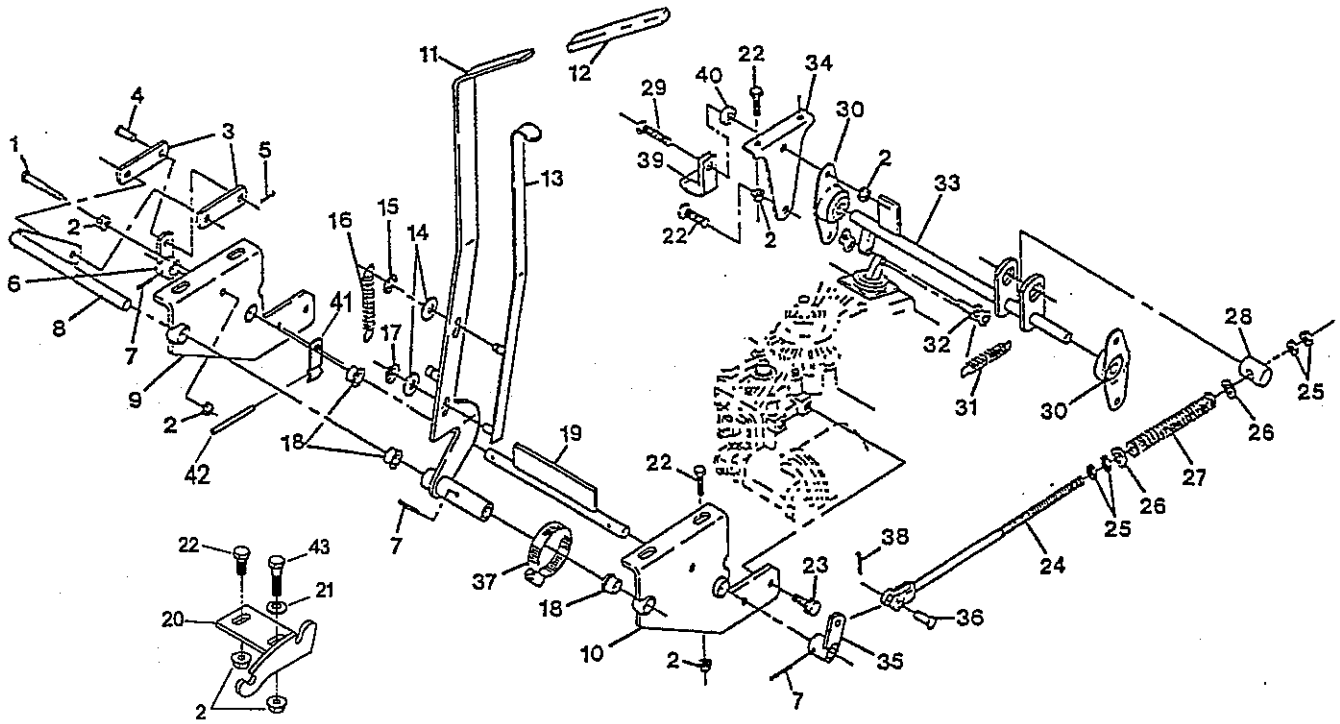
Ref. No.	Part No.	Description	Qty. Req'd.
1	1-807522	Bolt, carriage 5/16-18 x 2	2
2	3217-6	Nut, 5/16-18	2
3	1-542916-01	Arm, transaxle	1
4	1-503033	Washer, pulley retainer	1
5	1-805004	Washer,lock 1/4 hvy spring	1
6	1-800751	Capscrew, 1/4-20 x 1-1/2	1
7	1-544722	Linkage, motion control	1
8	1-513132	Joint, ball	1
9	1-543710	Rod, end	1
f	1-840022	Pro-Lock,Nut Type (.5ml Tube) Use on both Rod ends	
10	1-513479	Bushing, spring guide	2
11	1-542724-01	Centering spring wldmnt	1
12	1-543148	Rod, end	1
13	3296-29	Nut, nylock 5/16-18	1
14	3256-3	Washer, 5/16 stnd. flat	1
15	3220-2	Nut, jam 5/16-24 (RH)	8
16	1-544711	Idler linkage S/A	1
17	1-542144-01	Linkage, idler	1
18	1-513140	Bearing, control	2

Ref. No.	Part No.	Description	Qty. Req'd.
19	1-543486	Bushing	1
20	322-12	Capscrew, 5/16-18 x 2-1/2	1
21	1-808280	Pin, clevis 5/16 x 1	1
22	3272-5	Pin, cotter 3/32 x 1/2	1
23	1-303105	Yoke, adjustable	2
24	322-7	Capscrew, 5/16-18 x 1-1/2	1
25	3219-2	Nut, 5/16-24	1
26	1-512136-03	Housing, override	1
27	1-543052	Rod, link	1
28	3257-1	Key, woodruff #3, 1/8x1/2	1
29	1-542725	Spring assy, pedal (center)	1
30	1-542053	Spring, pedal (override)	1
31	1-809057	Screw, 5/16x3/4 sckt hd shld	1
32	3296-42	Nut, nylock 1/4-20	1
33	3210-5	Capscrew, 5/16-24 x 1	1
34	1-543017	Ball joint	3
35	322-6	Capscrew, 5/16-18 x 1-1/4	1
36	1-603500	Spacer	2
37	32128-20	Nut, whizlock 5/16-18	3

Exmark black touch up spray paint - Gloss black

f Not Illustrated.

PARKING BRAKE



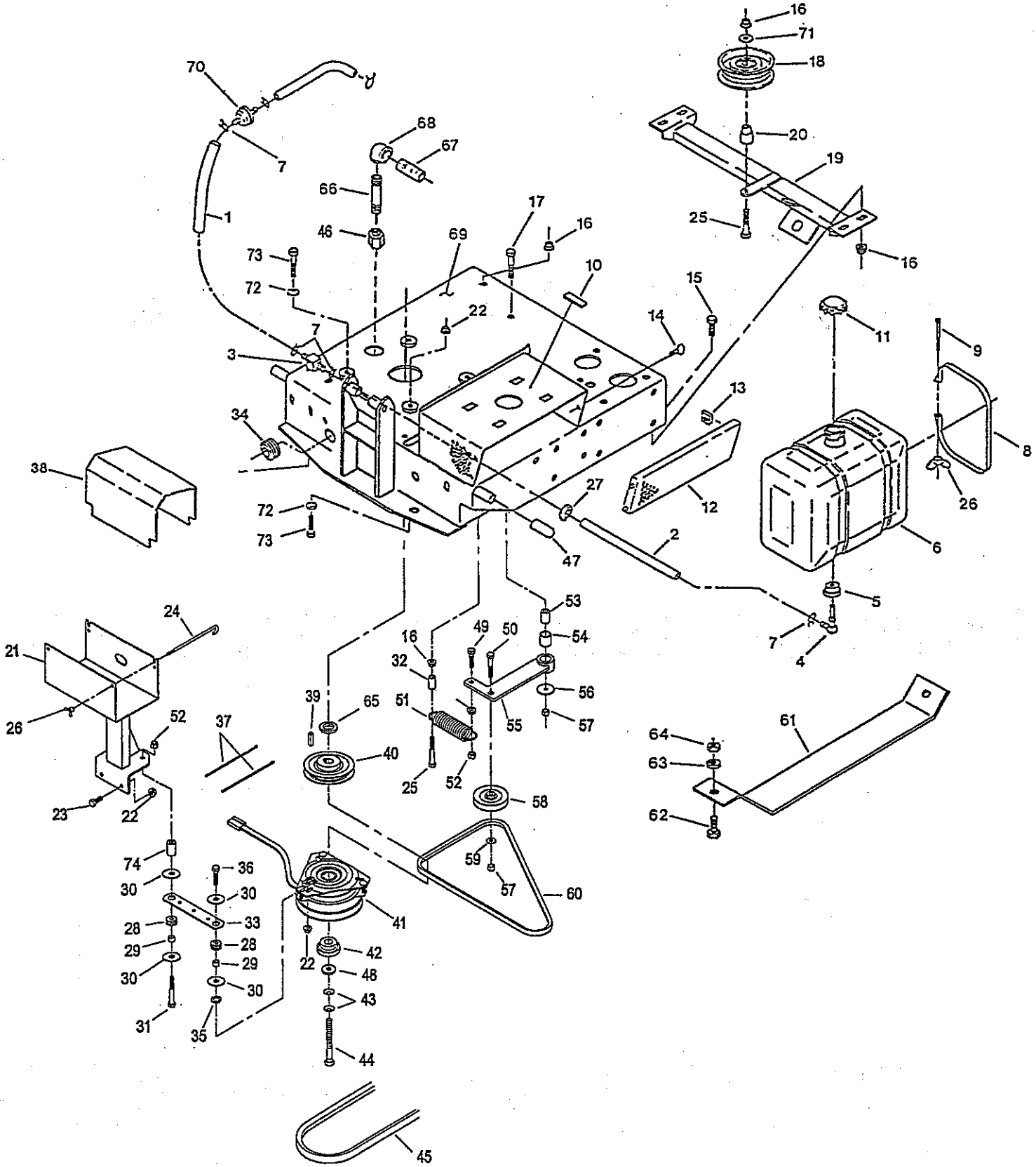
Ref. No.	Part No.	Description	Qty. Req'd.
1	322-11	Capscrew, 5/16-18 x 2-1/4	1
2	32128-20	Nut, whizlock, 5/16-18	13
3	1-543115	Link, brake	2
4	1-808278	Pin, clevis 5/16 x 3/4	2
5	3272-10	Pin, cotter 1/8 x 3/4	2
6	1-542123-01	Arm, butterfly control	1
7	1-806328	Roll pin, 7/32 x 7/8	3
8	1-542190	Pivot wldmt, brake lever	1
9	1-552058-01	Support, transmission (LH)	1
10	1-552059-01	Support, transmission (RH)	1
11	1-542192-01	Handle, brake	1
12	1-303020	Grip (adjustment lever)	1
13	1-542719-01	Trigger, brake	1
14	3256-23	Washer, 5/16	2
15	32120-35	E Ring	1
16	1-513468	Spring, brake handle	1
17	1-543798	Pushnut, 5/16	1
18	1-513140	Bearing control	4
19	1-542125-01	Butterfly	1
20	1-542900-01	Quadrant, brake	1
21	1-303334	Washer, disc 5/16	2
22	322-3	Capscrew, 5/16-18 x 3/4	9

Ref. No.	Part No.	Description	Qty. Req'd.
23	3234-5	Bolt, whizlock 5/16-18 x 3/4	4
f	1-840022	Pro-Lock Nut Type (.5ml Tube) Use on bolt threads	
24	1-543721	Linkage, brake	1
25	3220-3	Nut, jam 3/8-24 pltd	4
26	3256-4	Washer, 3/8	2
27	1-543132	Spring, brake protect	1
28	1-543129	Pin, trunion	1
29	322-5	Capscrew, 5/16-18 x 1	1
30	1-543514	Flange mntg (side)	2
31	1-543543	Spring, 3 x 1/2	1
32	1-543745	Link, connector #60	1
33	1-542748-01	Jackshaft, brake	1
34	1-543138	Mount, jackshaft bearing	1
35	1-542121	Arm, brake control	1
36	1-808280	Pin, clevis, 5/16 x 1	1
37	1-543892	Clamp, hose	1
38	3272-5	Pin, clevis 3/32 x 1/2	1
39	1-213148	Clamp	1
40	1-543007	Spacer	1
41	1-553056	Spring, dump valve	1
42	1-806339	Rollpin 1/4 x 3	1
43	322-6	Capscrew, 5/16-18 x 1 1/4	1

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f Not Illustrated.

ENGINE DECK GROUP



ENGINE DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	1-303426	Fuel line, 15"	1
2	1-303306	Fuel line, 10"	1
3	1-603770	Valve, fuel line	1
4	1-543277	Elbow, fuel tank w/screen	1
5	1-513645	Bushing, fuel valve	1
6	1-543364	Tank, gas	1
7	1-303077	Clamp, gas line	4
8	1-303465-03	Strap, fuel tank	2
9	1-801062	Screw, 1/4-20 x 2-1/2	2
10	1-303315	Gas tank pad	2
11	1-513508	Cap, fuel tank	1
12	1-542045	Screen, air intake	1
13	1-809024	Nut, retainer 1/4-20	1
14	1-543791	Screw, thumb 1/4-20 x 3/4	1
15	323-4	Capscrew, 3/8-16 x 3/4	4
16	3290-357	Nut, flange 3/8-16	7
17	323-10	Capscrew, 3/8-16 x 2	1
18	1-543877	Pulley, idler 5 3/4 OD	1
19	1-542958-01	Cross member	1
20	1-543879	Bushing, idler	1
21	1-542069-03	Mount, battery	1
22	32128-20	Nut, whizlock 5/16-18	10
23	322-3	Capscrew, 5/16-18 x 3/4	3
24	1-543882	Bolt, hold down	2
25	323-11	Capscrew, 3/8-16 x 2-1/4	2
26	1-543792	Wingnut, nylock 1/4	4
27	1-543296	Grommet, fuel line	1
28	1-633630	Grommet	2
29	1-633545	Spacer, Grommet	2
30	1-613235	Washer	4
31	322-14	Capscrew, 5/16-18 x 3	1
32	1-603401	Spacer	1
33	1-633543-03	Strap, Clutch	1
34	1-543286	Grommet	1
35	1-805005	Washer, lock 5/16	1
36	322-6	Capscrew, 5/16-18 x 1-1/4	1
37	1-303335	Plastic tie, large	2
38	1-543891	Battery cover	1
39	1-807259	Key, 1/4 x 1/4 x 1	1
40	1-543929	Pulley, engine	1
41✧	1-543259	Clutch, electric (Warner)	1
42	1-603609	Bushing, clutch keeper	1
43	1-603610	Washer, spring disc 7/16	2
44♦	3212-12	Capscrew, 7/16-20 x 3	1
	1-840022	Pro-Lock, Nut type (.5 ml tube)	
45	1-543523	Belt, deck drive (60" Deck).	1
	1-543749	Belt, deck drive (52" Deck).	1
46	1-543233	Cap, 3/8 NPT hex	1
47	1-303021	Grip (drive lever)	2
48	1-373034	Washer, pivot	1
49	3230-3	Bolt, carriage 5/16-18x1-1/4.	1
50	3231-29	Bolt, carriage 3/8-16x1-3/4.	1
51	1-513170	Spring	1
52	3296-29	Nut, nylock 5/16-18	4
53	1-543274	Bushing, steel	1
54	1-543502	Bushing, bronze	1
55	1-542270-01	Arm, hyd drive idler	1
56	1-213069	Strut, adjustment spacer	3
57	3296-39	Nut, nylock 3/8-16	2
58	1-543008	Pulley, idler (steel)	1
59	3256-24	Washer, 3/8 SAE	1
60	1-543548	Belt, "A" (transmission drive)	1
61	1-543258-01	Plate, skid	1
62	325-5	Capscrew, 1/2-13 x 1.25	2
63	3253-7	Washer, 1/2	2
64	3217-9	Nut, 1/2-13	2
65	1-543214	Spacer, crankshaft	1
66*	1-303427	Nipple, 3/8 NPT x 2.5	1
67*	1-543064	Nipple, 3/8 NPT x 1.5	1
68*	1-303428	Elbow, 3/8 NPT	1
69	1-552073-01	Deck, engine	1
70	**Kohler** Part No. 2405002	Fuel Filter	1
71	3256-3	Washer, 5/16	1
72	1-303334	Washer, disc spring 5/16	4
73	322-9	Capscrew, 5/16-18 x 1-3/4.	4
74	553053	Spacer	1

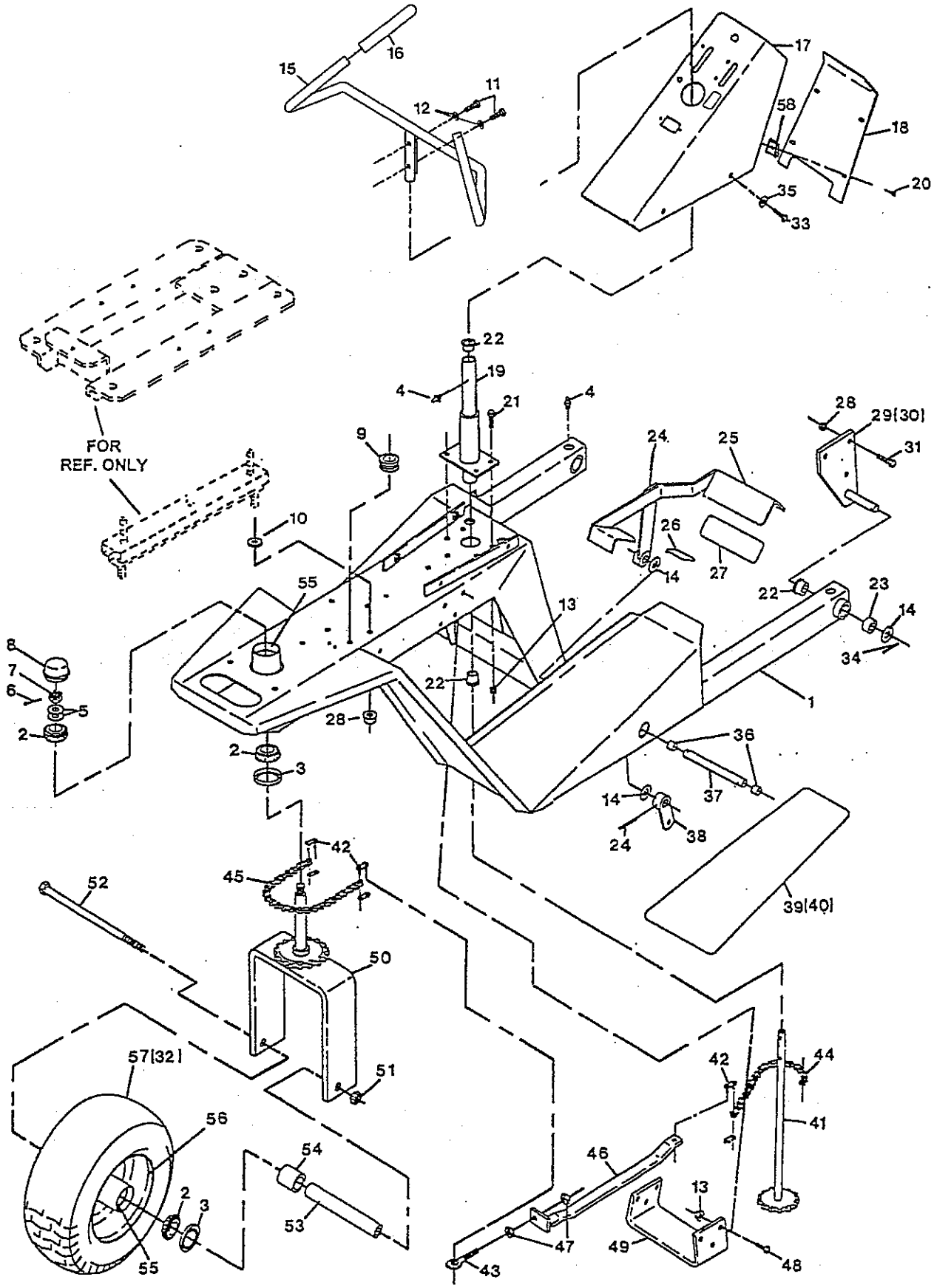
* Use Teflon Pipe Sealant or equivalent on threads.

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

Exmark black touch up spray paint - Gloss black

♦ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on clutch bolt.

RIDER FRAME and STEERING



RIDER FRAME and STEERING

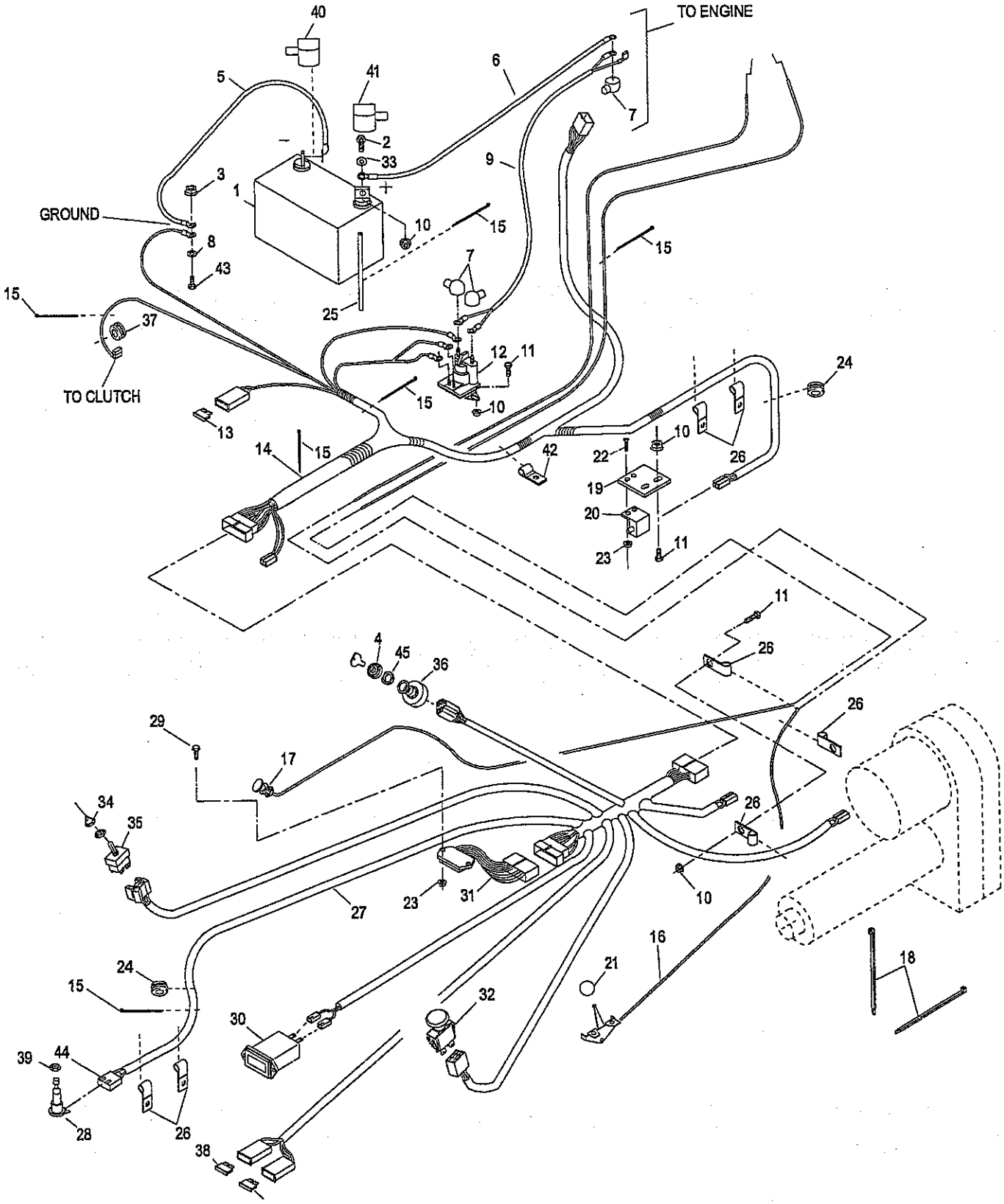
Ref. No.	Part No.	Description	Qty. Req'd.
1	1-542920-01	Frame, rider	1
2	1-543509	Bearing cone, tapered roller	4
3	1-543511	Seal, grease	3
4	302-19	Zerk, 1/4-28 (straight)	3
5	3256-28	Washer, 3/4sae	2
6	3272-17	Pin, cotter 5/32 x 1.25	1
7	32136-5	Nut, slotted 3/4-16	1
8	1-543513	Cap, grease	1
9	1-543296	Grommet	1
10	3256-3	Washer, 5/16	2
11	323-7	Capscrew, 3/8-16 x 1-1/4	2
12	98-5975	Washer, 3/8 disc spring	2
13	3290-357	Nut, flange 3/8-16	10
14	1-303007	Washer, 6" caster pivot	4
15	1-552023-03	Handle bar	1
16	1-303097	Grip, handle bar	2
17	1-553063-01	Console	1
18	1-543482-01	Cover, console	1
19	1-542728-03	Steering post	1
20	32104-60	Screw, 10-24 x 1/2	4
21	323-4	Capscrew, 3/8-16 x 3/4	4
22	1-303199	Bushing, 6" caster flange	4
23	1-303200	Sleeve, 6" caster	2
24	1-806331	Roll Pin, 1/4 x 1-1/4	2
25	1-542183-01	Pedal, foot	1
26	1-543161	Pad, reverse control pedal	1
27	1-543160	Pad, forward control pedal	1
28	32128-20	Nut, whizlock 5/16-18	9
29	1-542196-01	Bracket, pivot (RH)	1
30*f*	1-542194-01	Bracket, pivot(LH)	1
31	322-5	Capscrew, 5/16-18 x 1	5
32	1-543679	Tire, 18 x 7.50-8	1
33	321-3	Capscrew, 1/4-20 x 5/8	4
34	1-806332	Rollpin, 1/4 x 1-1/2	2
35	3256-22	Washer, 1/4	4
36	1-513588	Bearing, DU	2
37	1-543172-01	Shaft, foot pedal	1
38	1-542140-01	Lever, foot pedal	1
39	1-543159	Pad, rider anti-skid (R)	1
40*f*	1-543158	Pad, rider anti-skid (L)	1
41	1-552025	Shaft, steering	1
42	1-543573	Link, connector #40	4
43	1-543579	Eyebolt, 5/16-18	2
44	1-543885	Chain, #40-29 Pitch	1
45	1-543886	Chain, #40-33 Pitch	1
46	1-542870-01	Link	2
47	3218-2	Nut, jam 5/16-18	4
48	323-6	Capscrew, 3/8-16 x 1	6
49	1-553007-01	Stop, actuator	1
50	1-542872-01	Mount, steering wheel	1
51	1-803042	Nut, torque 5/8-11	1
52	1-800346	Capscrew, 5/8-11 x 10-1/2	1
53	1-543552	Bushing, wheel	1
54	1-543556	Spacer, wheel (short)	2
55	1-543508	Bearing cup	4
56	1-543674	Rim	1
57	1-543397	Tire/whl assy, 18.0 x 7.50-8	1
58	1-803055	U-clip, #10-24	4

f Not Illustrated.

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

Exmark black touch up spray paint - Gloss black

ELECTRICAL GROUP

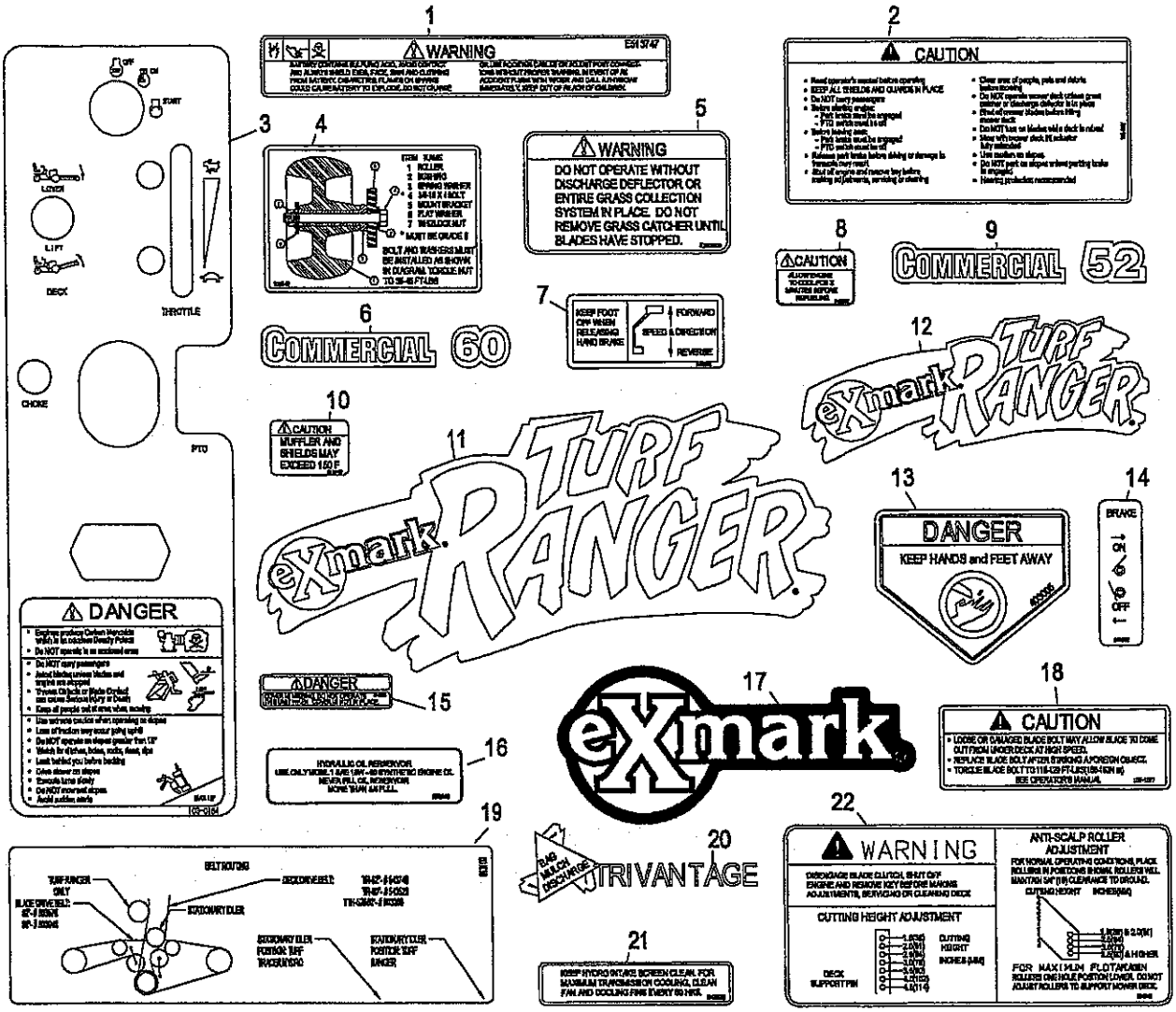


ELECTRICAL GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0293	Battery, 12 volt	1
2	321-4	Capscrew, 1/4-20 x 3/4	2
3	32128-20	Nut, whizlock 5/16-18	1
4	103-0499	Seal, Ignition	1
5	1-543767	Wire, ground (-)	1
6	1-603488	Wire, starter	1
7	1-543393	Insulator, solenoid (pos. +)	3
8	1-303334	Washer, disc spring 5/16	1
9	103-1126	Harness, wire	1
10	32128-33	Nut, whizlock 1/4-20	12
11	321-3	Capscrew, 1/4-20 x 5/8	10
12	1-513075	Switch, 12 volt solenoid	1
13	1-816001	Fuse, blade 20 AMP	2
14	1-543065	Harness, wire (engine)	1
15	1-303287	Plastic tie, (small)	7
16	1-633696	Cable, throttle	1
17	1-603336	Cable, choke	1
18	1-303335	Plastic tie, (large)	2
19	1-323128	Bracket, safety switch	1
20	1-513051	Switch, neutral lockout	1
21	1-513592	Knob, red ball	1
22	32108-55	Screw, 10-24 x 5/8 flathead	2
23	3296-2	Nut, nylock 10-24	6
24	1-543296	Grommet	1
25	1-809040	Hose, battery manifold (23")	1
26	1-513762	Clip, 1/2" Loom	7
27	1-553064	Harness, wire (rider)	1
28	1-603760	Switch, seat safety	1
29	1-807527	Bolt, carriage. 10-24 x 3/4	4
30	1-513374	Meter, engine hours	1
31	1-543316	Module, safety interlock	1
32	1-633673	Switch, toggle w/clip term	1
33	3256-2	Flatwasher, 1/4	2
34	1-543386	Boot, toggle switch	1
35	1-543385	Switch, toggle DPDT	1
36	1-543070	Ignition switch w/keys	1
	1-603511	Ignition key	2
37	1-543286	Grommet	1
38	1-816003	Fuse, blade 30 AMP	1
39	1-543348	Nut, 5/8-32 (seat switch)	1
40	1-543391	Insulator, battery positive	1
41	1-543390	Insulator, battery negative	1
42	1-603727	Clip, 9/16 Loom	1
43v	322-9	Capscrew, 5/16-18 x 1-3/4	1
44	1-543335	Connector, Packard 2-way	1
45	103-0498	Nut, Ignition	1

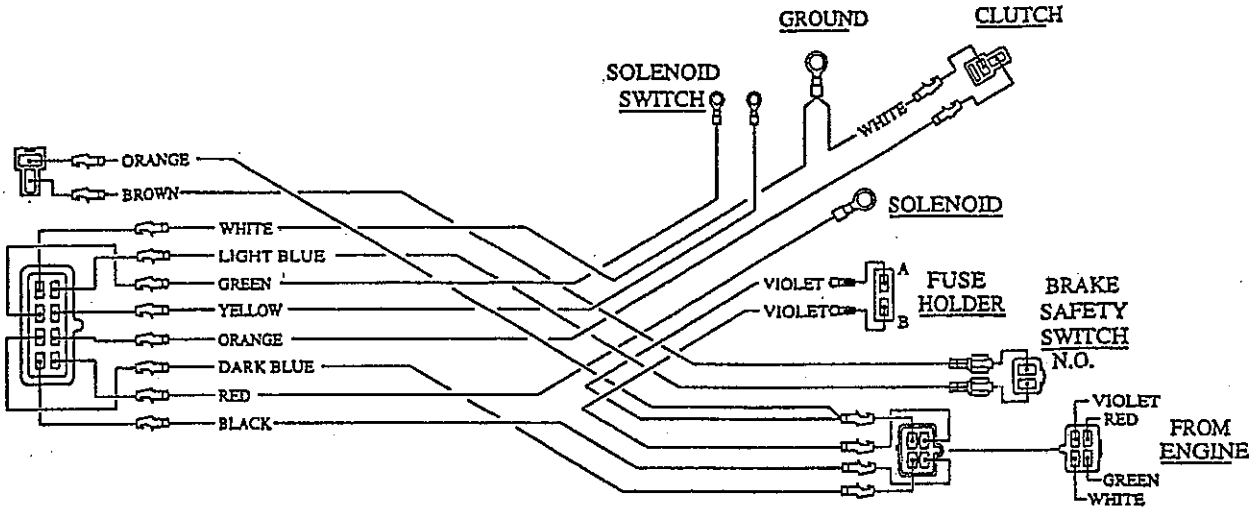
NOTE: Apply dielectric grease to all electrical connectors.

DECALS

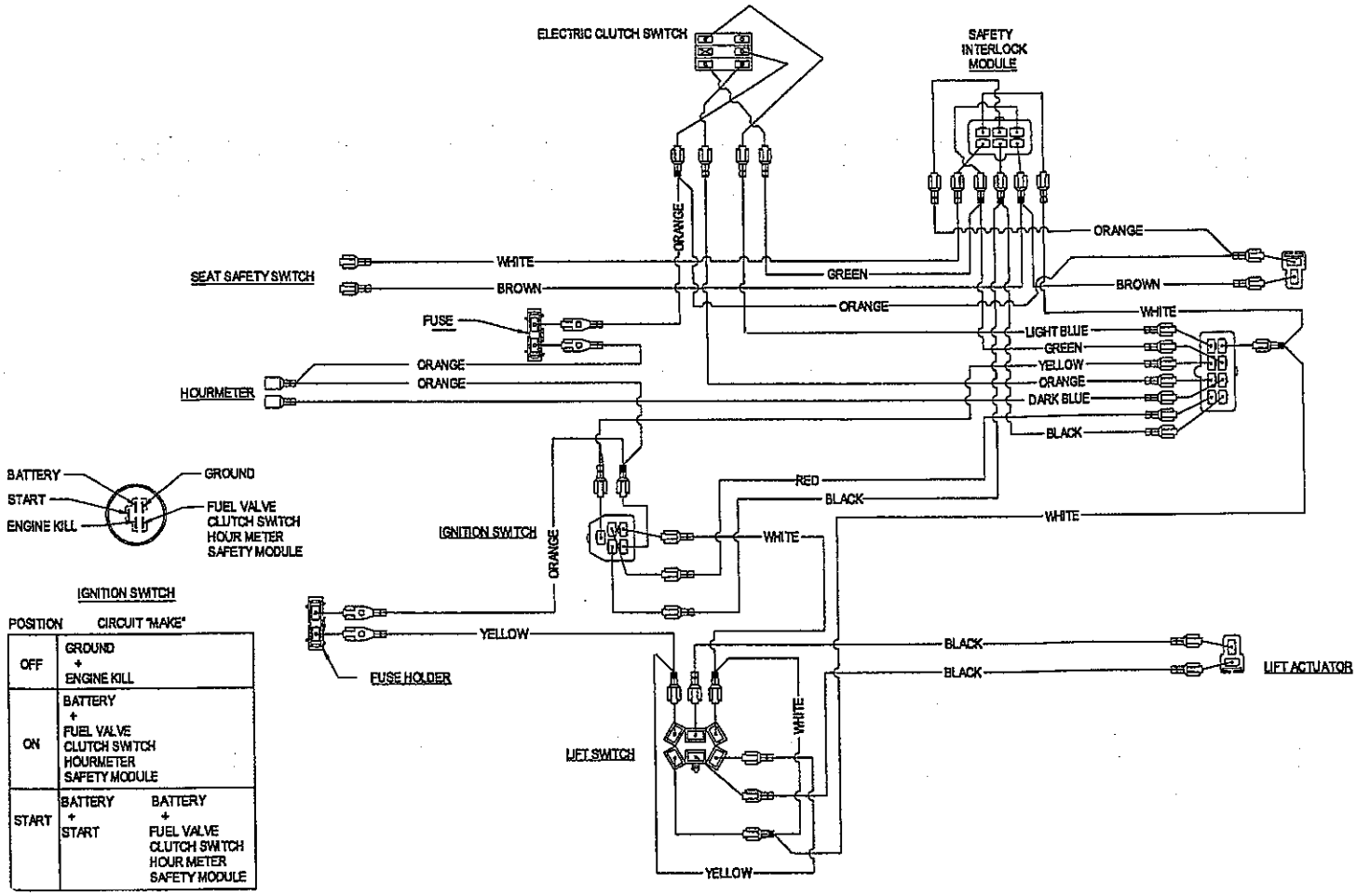


Ref. No.	Part No.	Description	Qty. Req'd.
1	1-513747	Decal, Battery	1
2	103-0207	Decal, Instructional	1
3	103-0164	Decal, Console	1
4	1-323540	Decal, Roller Mounting	1
5	1-303508	Decal, Discharge Warning	1
6	1-613050	Decal, Commercial 60"	1
7	1-543624	Decal, Foot Pedal	1
8	1-303293	Decal, 2 Minute Warning	1
9	1-403132	Decal, Commercial 52"	1
10	1-513746	Decal, Muffler	1
11	1-543293	Decal, Turf Ranger "Swash". (large)	2
12	1-543349	Decal, Turf Ranger "Swash" (small)	2
13	1-403005	Danger Label	2
14	1-543622	Decal, Brake Lever	1
15	98-5954	Decal, Missing Cover	3
16	1-553040	Decal, Hydraulic Tank	1
17	1-643386	Decal, Exmark logo	1
18	103-1077	Decal, Bolt Torque	1
19	1-613100	Decal, Belt Routing	1
20	1-303520	Decal, Tri-Vantage	1
21	1-543620	Decal, Intake	1
	1-553049	Decal, Mower Deck	1
	1-551016	Decal Kit Complete	1

ELECTRICAL DIAGRAM



Engine Deck Wiring Diagram
NOTE: All connectors are viewed from the ***wire input*** side of the connector.



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

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