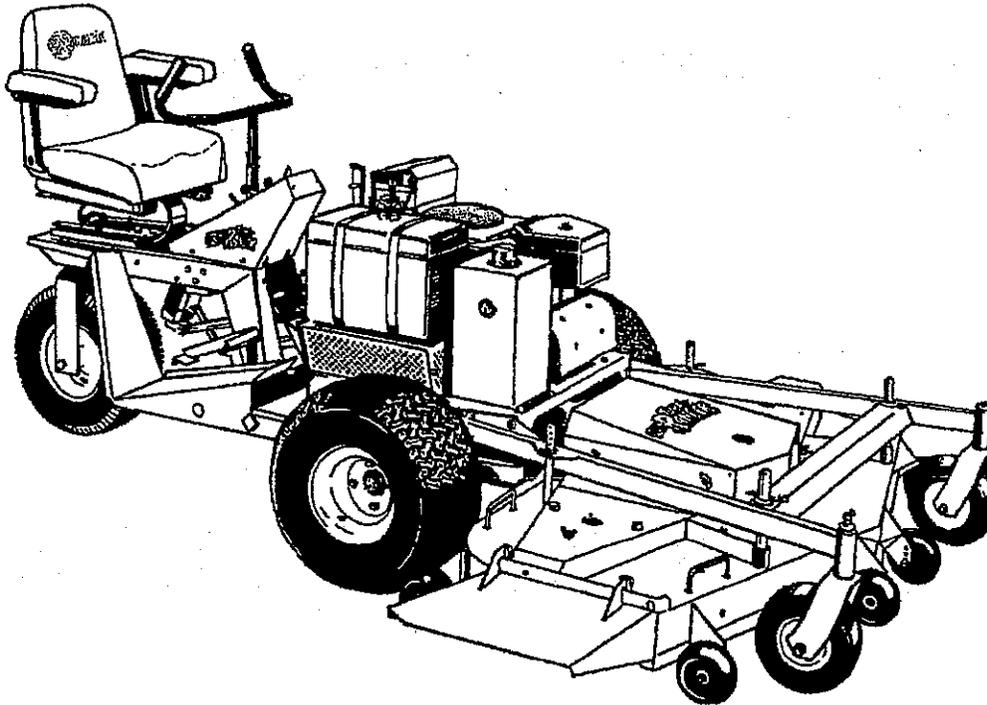


For Serial Nos.  
260,000 & Higher



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

Two empty rectangular boxes for pasting labels.

# EXMARK PARTS PLUS® PROGRAM

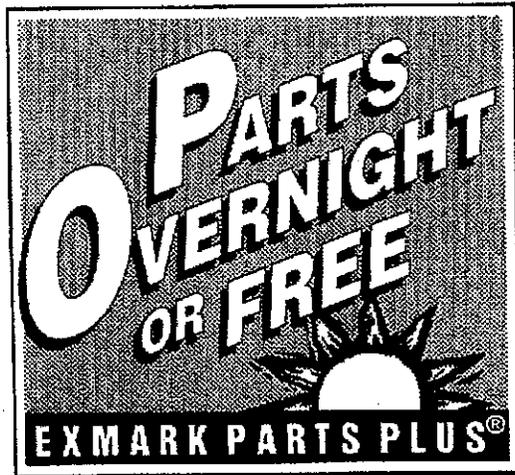
EFFECTIVE DATE: September 1, 1995

## 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.

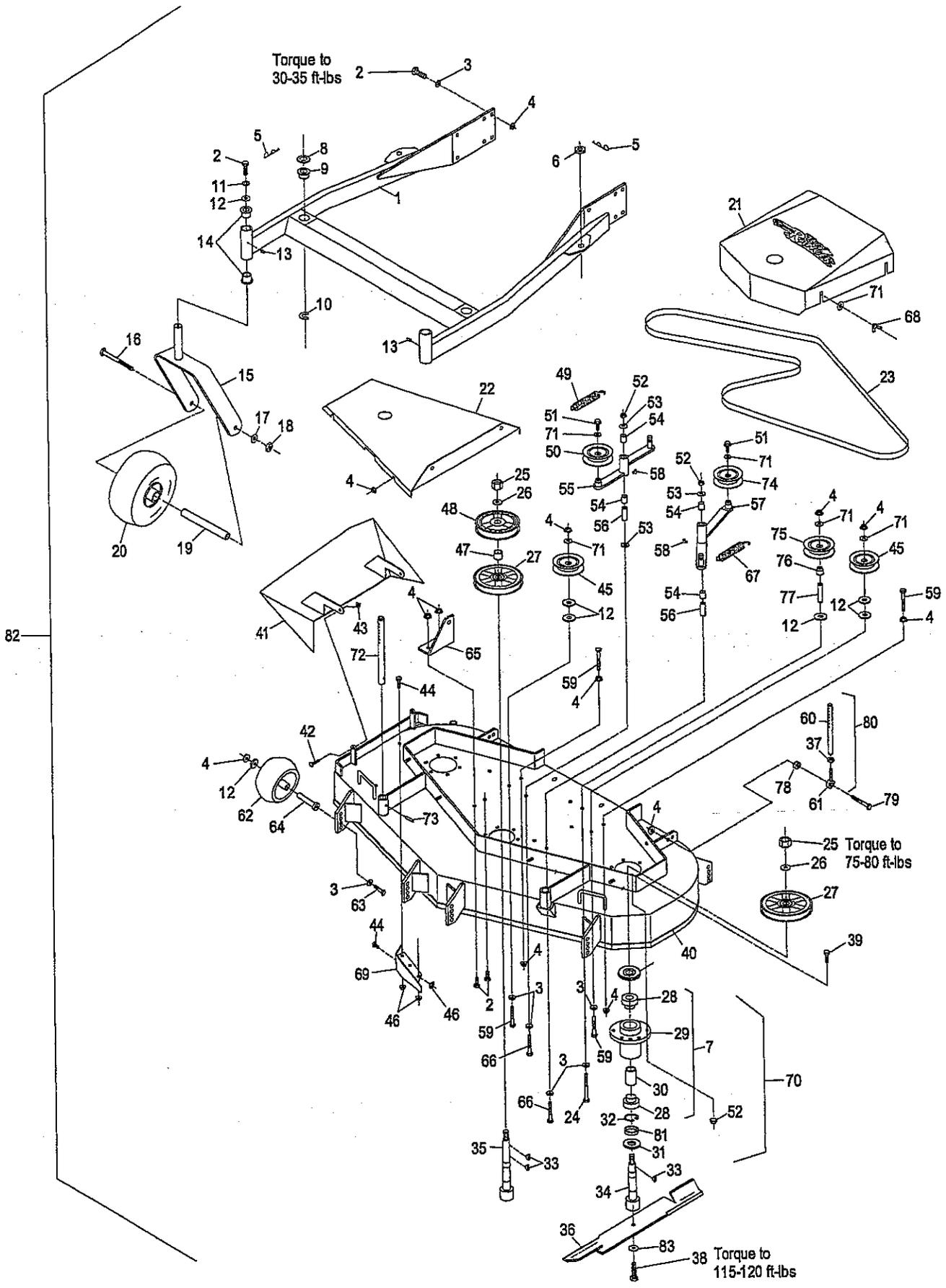


**READ OPERATOR'S MANUAL BEFORE  
OPERATING OR SERVICING EXMARK EQUIPMENT.**

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# 52" MOWER DECK

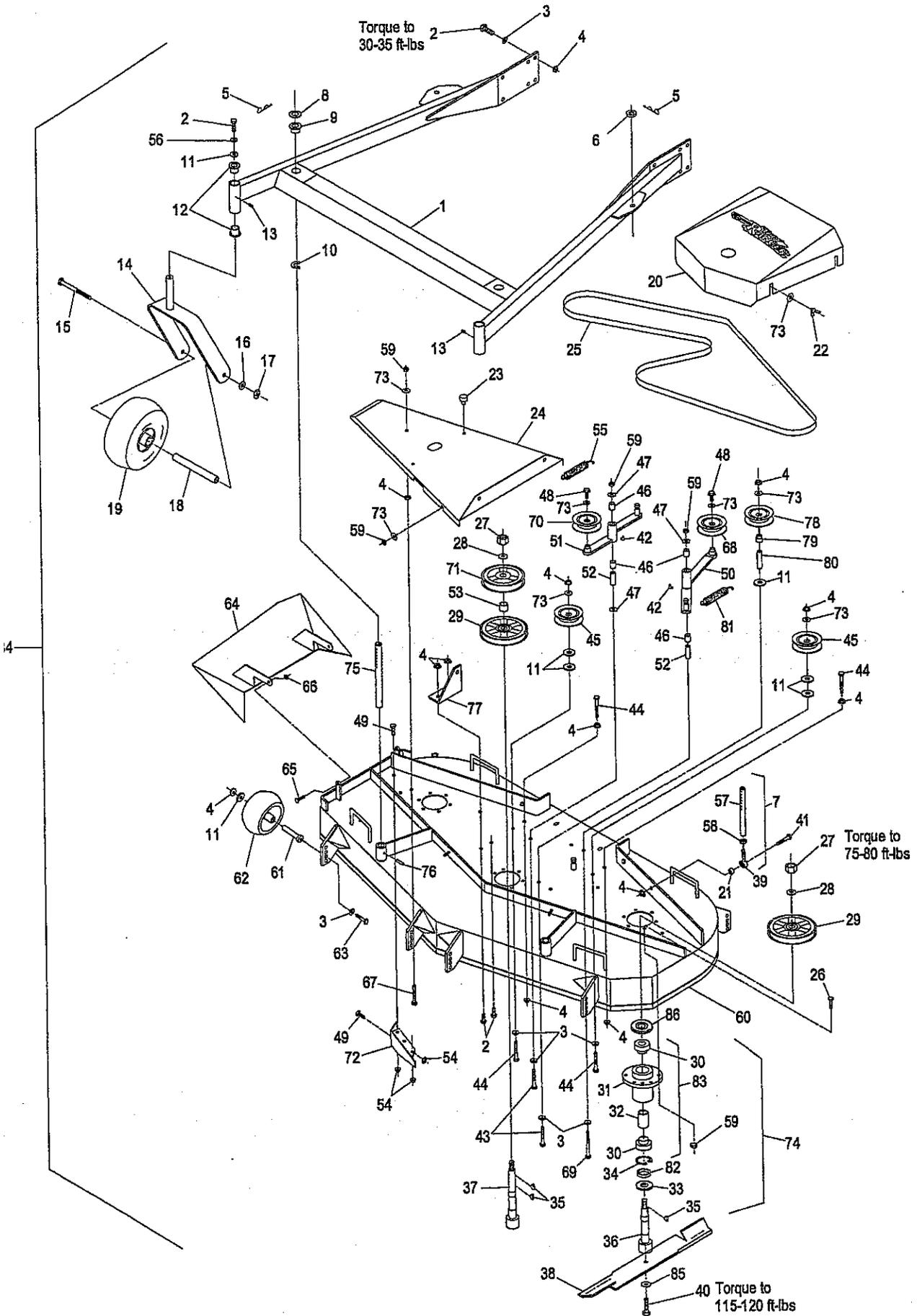


## 52" MOWER DECK

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/bshgs &decals	1	40◆	1-612155	Deck,1-612287-01 w/decals,rods&affle	1
2	323-6	Capscrew, 3/8-16 x 1.....	12	41	1-602571-01	Chute, discharge.....	1
3◇	98-5975	Washer, disc spring 3/8.....	19	42	322-5	Capscrew, 5/16-18 x 1.....	2
4◇	3290-357	Nut, whizlock 3/8-16.....	33	43	3296-29	Nut, nylock 5/16-18.....	2
5	1-806009	Hairpin, .177.....	4	44	322-2	Capscrew, 5/16-18 x 5/8.....	3
6	1-323539	Spacer, blade driver.....	2	45	1-303516	Pulley, V-Idler.....	2
7	1-634619	Housing w/brg,spacer&ring.....	2	46	32128-20	Nut, whizlock 5/16-18.....	3
8	1-413425	Spacer.....	2	47	1-603504	Spacer, tube.....	1
9	1-513336	Bushing, deck support.....	2	48*	1-603581	Sheave, mower drive.....	1
10	32120-33	Ring, retaining (external).....	2	49	1-603413	Spring, extension.....	1
11	3253-5.	Washer,lock 3/8hvy spring.....	2	50	1-603497	Pulley, idler.....	1
12◇	1-373034	Washer, pivot.....	13	51	3239-11	Screw, whizlock 3/8-16 x 1.....	2
13	302-52.	Zerk, 1/8 NPT (straight).....	2	52	3296-39	Nut, nylock 3/8-16.....	20
14	1-303514	Bearing, flange thrust.....	4	53	3256-4	Washer, 3/8.....	3
15	1-522143-01	Fork, caster.....	2	54	1-513034	Bearing, pivot.....	4
16	325-20.	Capscrew, 1/2-13 x 6.....	2	55	1-602604	Idler arm assy w/bearings.....	1
17	3253-7	Washer, lock 1/2.....	2		1-602591-03	Arm, deck idler.....	1
18	3217-9	Nut, 1/2-13.....	2	56	1-603384	Bushing, idler pivot.....	2
19	1-513547	Spacer, front caster (pneumatic).....	2	57	1-602865	Idler arm, w/bearings deck drive.....	1
■	103-2169	Spacer, front caster (semi-pneumatic).....	2		1-602867-03	Arm, deck drive idler.....	1
20★	103-1224	Tire/wheel asm(semi-pneumatic).....	2	58	302-40	Zerk, 1/4-28 (90°).....	2
★	1-513648	Tire/wheel asm (pneumatic).....	2	59	323-11	Capscrew, 3/8-16 x 2-1/4.....	4
	1-513809	Roller Bearing (all).....	2	60	1-413525	Link, rear deck support.....	2
	1-513810	Bushing (pneumatic).....	4	61	1-613204	Balljoint.....	2
○	103-2170	Bushing (semi-pneumatic).....	4	62	1-603299	Roller, anti scalp.....	6
	1-513807	Wheel & Hub (pneumatic).....	2	63	98-5961	Capscrew, 3/8-16 x 4 Gr8.....	6
	1-513808	Tire 9 x 3.50-4 4-ply (pneumatic).....	2	64	1-603602	Bushing, roller.....	6
21	1-544835	Cover w/decals.....	1	65	1-603620-01	Bracket, spring anchor.....	1
22	1-602545-01	Cover, deck.....	2	66	1-800805	Capscrew, 3/8-16x3 1/2 Gr8.....	2
23	1-603576	Belt, blade drive.....	1	67	1-603414	Spring, extension.....	1
24	323-16	Capscrew, 3/8-16 x 4.....	1	68	1-543678	Wingnut, nylock.....	4
25	3219-6.	Nut, 5/8-18 UNF.....	3	69	1-602913-01	Baffle.....	1
26	1-513208	Spring, disk.....	3	70▲	103-1185	Housing, cutter complete (cntr).....	1
27*	1-553039	Sheave, blade drive.....	3		103-1187	Housing, cutter complete (outr).....	2
28*	1-513016	Bearing, ball.....	6	71◇	3256-24	Washer, 3/8 SAE.....	5
29	1-323532	Housing, bearing.....	3	72	1-603001	Rod, deck support.....	2
30	1-323528	Spacer, bearing.....	3	73	1-806332	Roll pin, 1/4 x 1-1/2.....	2
31	1-633573	Guard, dust.....	3	74	1-613098	Pulley, flat idler.....	1
32	32120-8	Snap ring.....	3	75◇	1-603805	Idler.....	1
33	3257-32	Key, woodruff #61.....	4	76◇	1-513791	Bushing.....	1
34	103-0958	Spindle, outer blade.....	2	77◇	1-603494	Spacer.....	1
35	103-0959	Spindle, center blade.....	1	78	1-603050	Spacer.....	2
36	1-633482	Blade, notched air foil.....	3	79	323-9	Capscrew, 3/8-16 x 1 3/4.....	2
	1-613251	Blade, solid air foil.....	3	80◇	1-414521	Link Assy.....	2
	1-633485	Blade, low lift.....	3	81	1-323533	Spacer, Sheave/Brg.....	3
□	1-633484	Blade, mulching.....	3	82	103-1305	Asm,complete deck.....	1
	103-1578	Blade, bahia.....	3	83	103-0865	Washer,blade bolt hvy.....	3
37	3219-3.	Nut, hex 3/8-24.....	2	84	103-1331	Guard,bearing top.....	3
38	103-0862	Capscrew,5/8-18x2 3/4(Gr8).....	3	85□	103-2171	Kit,semi-pneumatic wheel replacement	1
39	323-7	Capscrew,3/8-16 x 1 1/4.....	18				

- ◇ 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.
- Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK523. ▲ Outer complete cutter housing includes sheave, washer & nut.
- Front caster spacer for semi-pneumatic caster tires can be identified by yellow zinc plating. Center complete cutter housing includes sheaves, washer, spacer
- Bushing for semi-pneumatic caster tires can be identified by a groove on the face. \* Use antisize on bore of sheave & bearings.
- ★ 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).
- ◆ 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.	Ref. No.	Part No.	Description	Qty. Req'd.
1	1-604847	Support,deck 1-612094-01 w/bshgs&decals	1	41	323-9	Capscrew, 3/8-16 x 1 3/4	2
2	323-6	Capscrew, 3/8-16 x 1	12	42	302-40	Zerk, 1/4-28 (90°)	2
3	98-5975	Washer, disc spring 3/8	19	43	1-800805	Capscrew, 3/8-16 x 3.5	2
4	3290-357	Nut, whizlock 3/8-16	26	44	323-11	Capscrew, 3/8-16 x 2-1/4	4
5	806009	Hairpin, .177	4	45	1-303516	Pulley, V-idler	2
6	1-323537	Spacer	2	46	1-513034	Bearing, pivot	4
7	1-414521	Link Assy	2	47	3256-4	Washer, 3/8 std flat	3
8	1-413425	Washer	2	48	3239-11	Bolt, whizlock 3/8-16 x 1	2
9	1-513336	Bushing, deck support	2	49	322-2	Capscrew, 5/16-18 x 5/8	3
10	32120-33	Ring, retaining (external)	2	50	1-602867-03	Arm, deck drive idler	1
11	1-373034	Washer, pivot	13		1-602865	Idler arm asm,deck drive w/brgs	1
12	1-303514	Bearing, flange thrust	4	51	1-602591-03	Arm, deck idler	1
13	302-52	Zerk, 1/8 NPT (straight)	2		1-602604	Idler arm, w/bearings	1
14	1-522143-01	Fork, caster	2	52	1-603384	Bushing, idler pivot	2
15	325-20	Capscrew, 1/2-13 x 6	2	53	1-603504	Spacer, tube	1
16	3253-7	Washer, lock 1/2	2	54	32128-20	Nut, whizlock 5/16-18	3
17	3217-9	Nut, 1/2-13	2	55	1-603413	Spring, extension	1
18	1-513547	Spacer, front caster (pneumatic)	2	56	3253-5	Washer,lock 3/8 hvy spring	2
	103-2169	Spacer, front caster (semi-pneumatic)	2	57	1-413525	Link, rear deck support	2
19	103-1224	Tire/whl asm(semi-pneumatic)	2	58	3219-3	Nut, hex 3/8-24	2
	1-513648	Tire/whl Assy(pneumatic)	2	59	3296-39	Nut, nylock 3/8-16	26
	1-513809	Roller Bearing (all)	2	60	1-612149	Deck, 1-612286-01 w/decals,rods&affle	1
	1-513810	Bushing (pneumatic)	4	61	1-603602	Bushing, roller	6
	103-2170	Bushing (semi-pneumatic)	4	62	1-603299	Roller, anti scalp	6
	1-513807	Wheel & Hub (pneumatic)	2	63	98-5961	Capscrew, 3/8-16x4 (Gr 8)	6
	1-513808	Tire 9x3.50-4 4-ply (pneumatic)	2	64	1-542606-01	Chute, discharge	1
20	1-544849	Cover w/decals (deck drv belt)	1	65	323-5	Capscrew, 5/16-18 x 1	2
21	1-603050	Spacer	2	66	3296-29	Nut, nylock 5/16-18	2
22	1-543678	Wingnut, nylon insert	4	67	1-800031	Tapbolt, 3/8-16 x 2 3/4	2
23	1-513291	Bumper, seat	2	68	1-613098	Pulley, flat idler	1
24	1-542588-01	Cover, deck	2	69	323-16	Capscrew, 3/8-16x4 (Gr 5)	1
25	1-603045	Belt, blade drive	1	70	1-603497	Pulley, idler	1
26	323-7	Capscrew, 3/8-16 x 1 1/4	18	71	1-613024	Sheave, mower drive	1
27	3219-6	Nut, 5/8-18 UNF	3	72	1-602913-01	Baffle	1
28	1-513208	Washer, disc spring	3	73	3256-24	Washer, 3/8 SAE	13
29	1-553039	Sheave, blade drive	3	74	103-1187	Cutter housing complete outer	2
30	1-513016	Bearing, ball	6		103-1186	Cutter housing complete center	1
31	1-323532	Bearing, housing	3	75	1-603001	Rod, deck support	2
32	1-323528	Spacer, bearing	3	76	1-806332	Roll pin, 1/4 x 1-1/2	2
33	1-633573	Guard	3	77	1-603620-01	Bracket, spring anchor	1
34	32120-8	Snap ring	3	78	1-603805	Idler	1
35	3257-32	Key, woodruff 5/8 x 3/16	4	79	1-513791	Bushing	1
36	103-0958	Spindle, outer blade	2	80	1-603494	Spacer	1
37	103-0959	Spindle, center blade	1	81	1-603414	Spring, extension	1
38	1-633483	Blade, notched air foil	3	82	1-323533	Spacer, Shv/Brg	3
	1-613250	Blade, solid air foil	3	83	1-634619	Housing w/Brg,Spacer&Ring	3
	1-613111	Blade, low lift	3	84	103-1306	Asm,complete deck	1
	1-613112	Blade, mulching	3	85	103-0865	Washer,blade bolt hvy	3
	103-1580	Blade, bahia	3	86	103-1331	Guard,bearing top	3
39	1-613204	Balljoint	2	87	103-2171	Kit,semi-pneumatic wheel replacement	1
40	103-0862	Capscrew, 5/8-18x2 1/4(Gr8)	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. 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.

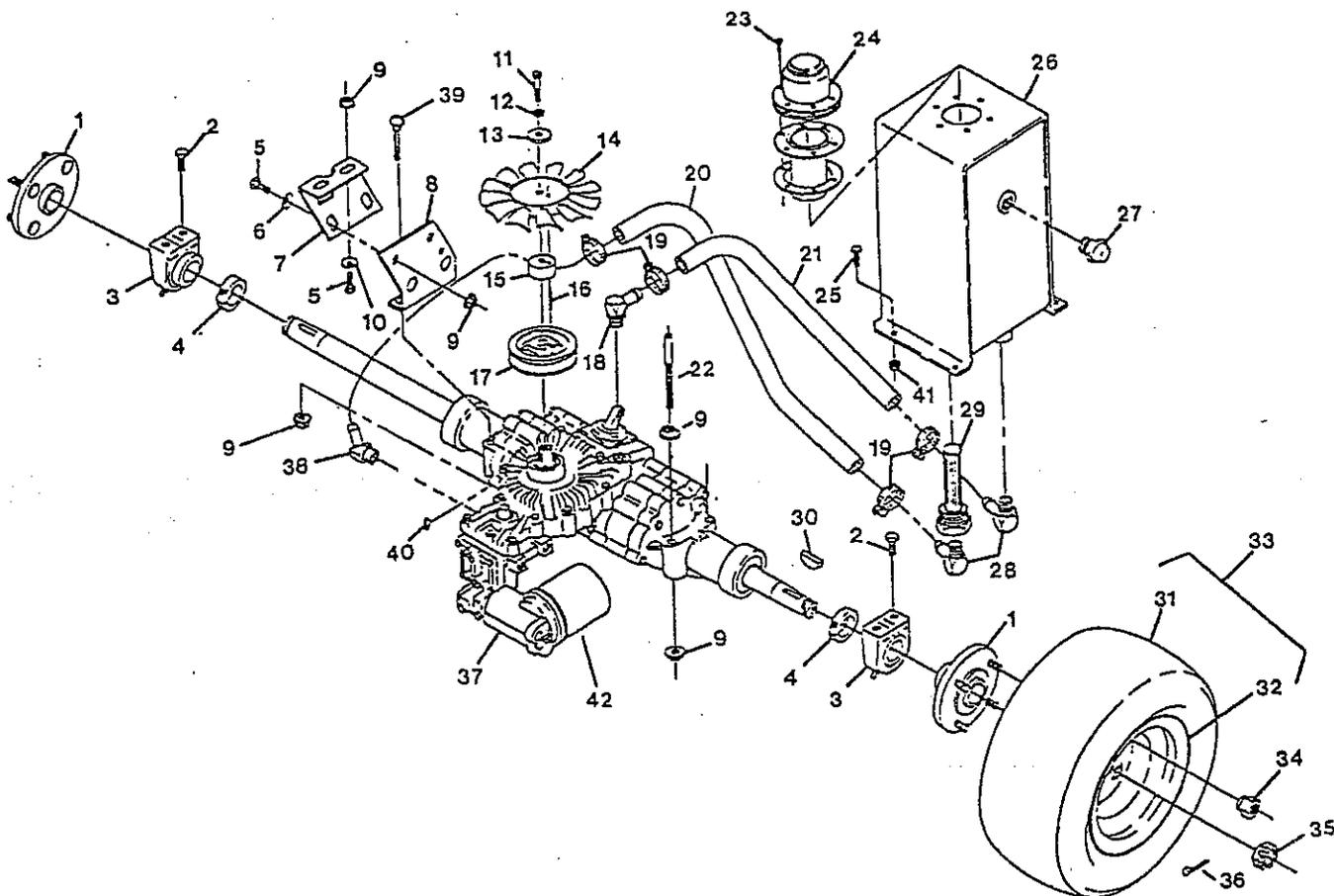
Center complete cutter housing includes sheaves, washer, spacer & nut.

◆ Deck weldmt does include welded in flow control baffles.

\* Use antisieze on bore of sheave & bearings.



# AXLE and HYDRAULICS



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	1-602997	Hub, wheel (tapered) .....	2	22	1-543054	Pin, guide.....	2
	1-613150	Stud, 1/2-20 .....	8	23	1-802002	Screw, 10-32x1/2 thrd ctng	6
2	3234-12	Screw, whizlock 3/8-16x3/4	4	24	1-543541	Breather, filler & cap .....	1
3*	1-543485	Bearing, pillow base.....	2	25	322-3	Capscrew, 5/16-18 x 3/4...	1
f	1-840022	Pro-Lock,Nut Type (.5cc Tube) Use on Setscrews in Bearings.		26	1-542913-03	Tank, hydraulic .....	1
4*	1-373021	Clamp, collar (1") .....	2	27	1-543894	Oil Eye, hyd tank.....	1
5	323-4	Capscrew, 3/8-16 x 3/4.....	4	28	1-543889	Elbow, 90°.....	2
6	98-5975	Washer, disc spring 3/8.....	2	29	1-543864	Suction strainer.....	1
7	1-543996-01	Stabilizer, axle (upper) .....	1	30	1-807019	Key, woodruff 1 x 1/4.....	2
8	1-543476-01	Stabilizer, (axle lower).....	1	31	1-543680	Tire, 20 x 10-8 .....	2
9	3290-357	Nut, whizlock 3/8-16 .....	10	32	1-513042	Rim .....	2
10	3256-4	Washer, 3/8 stdn. Flat .....	2	33	1-543396	Tire and wheel assy.....	2
11	321-9	Capscrew, 1/4-20 x 1-1/2 ...	1	34	242-50	Nut, wheel 1/2-20.....	8
12	1-805004	Lockwasher, 1/4 hvy spring	1	35	32136-5	Nut, slotted 3/4-16 .....	2
13	1-503033	Washer, pulley retainer.....	1	36	1-806800	Pin, cotter, 9/64 x 1-1/2 ....	2
14	1-543359	Fan, 7" OD/10 blade .....	1	37	1-543055	Transaxle 851-114 Series	1
15	1-543317	Spacer, fan .....	1	38	1-543888	Elbow, 45°.....	1
16	1-806328	Rollpin, 7/32 x 7/8 .....	1	f	1-603919	O-Ring .....	1
17	1-543928	Pulley, cast iron .....	1	39	1-807525	Bolt, 3/8-16x2-3/4 carriage	2
18	1-543887	Elbow, 90°.....	1	f	1-840022	Pro-Lock,Nut Type(.5cc Tube) Use on Threads.	
f	1-603919	O-Ring .....	1	40	3257-32	Key, woodruff 3/8 x 5/16 ...	1
19	1-543892	Hose Clamp.....	4	41	32128-20	Nut, whizlock 5/16-18 .....	4
20	1-543930	Hose, 16.5 Push Lok .....	1	42	1-513211	Element, oil filter .....	1
21	1-543931	Hose, 8.0 Push Lok .....	1				

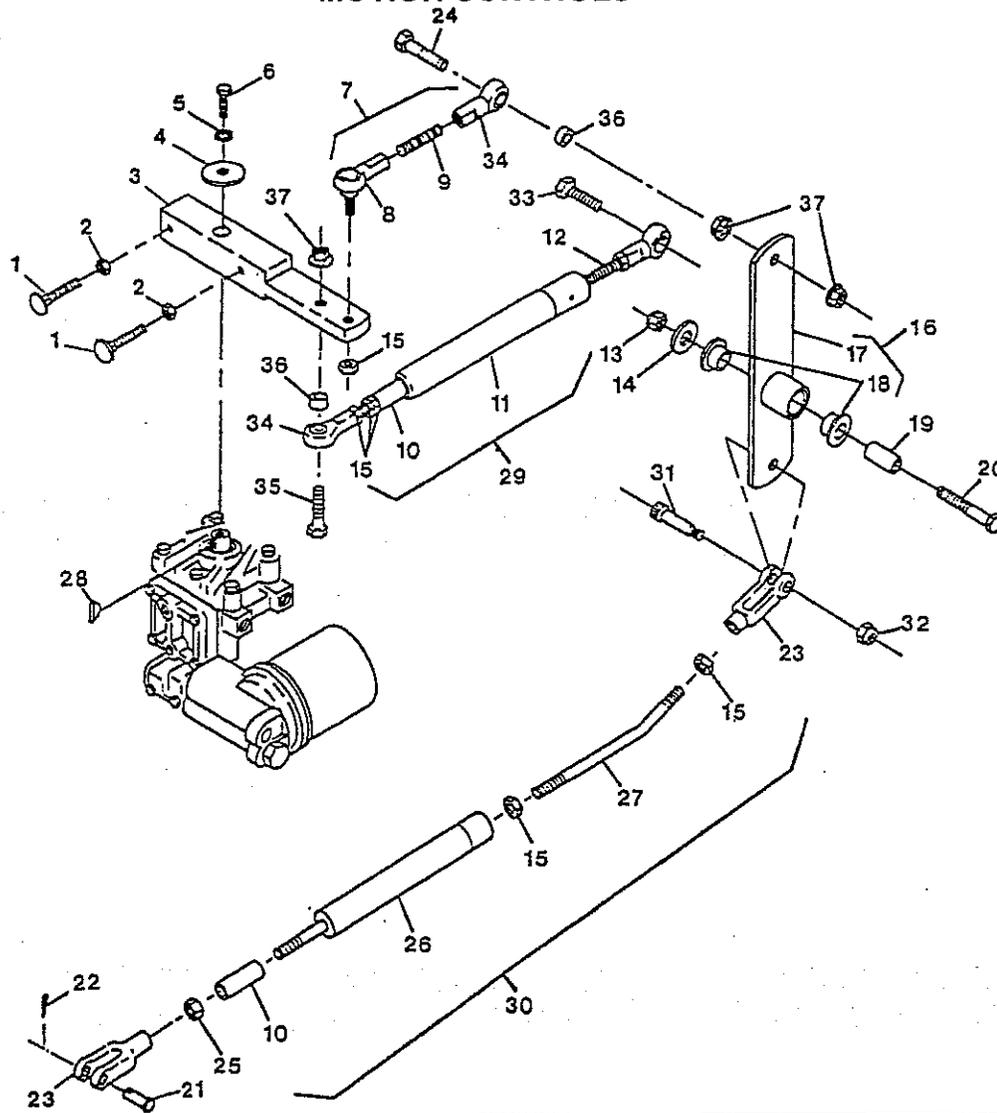
f Not Illustrated.

\* Apply antisieze compound to bore.

Exmark black touch up spray paint - Gloss black

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

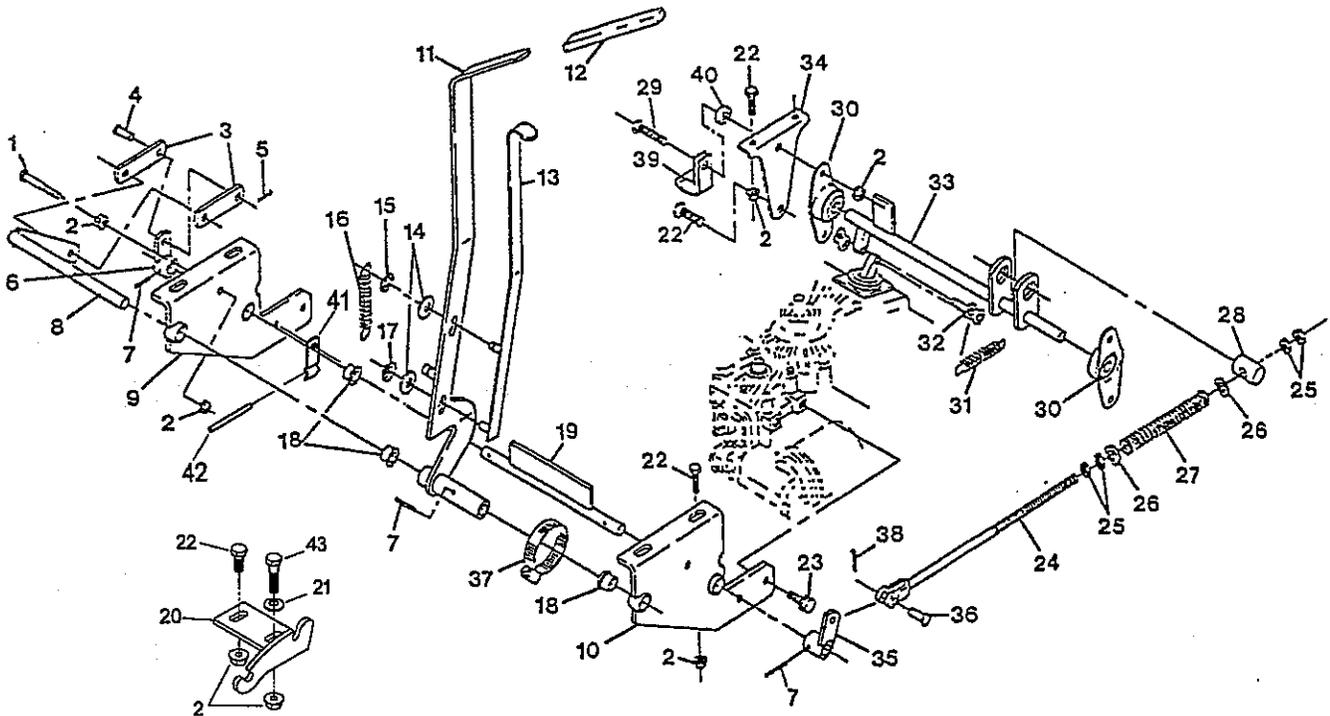
# MOTION CONTROLS



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	1-807522	Bolt, carriage 5/16-18 x 2...	2	19	1-543486	Bushing .....	1
2	3217-6	Nut, 5/16-18 .....	2	20	322-12	Capscrew, 5/16-18 x 2-1/2	1
3	1-542916-01	Arm, transaxle .....	1	21	1-808280	Pin, clevis 5/16 x 1 .....	1
4	1-503033	Washer, pulley retainer .....	1	22	3272-5	Pin, cotter 3/32 x 1/2 .....	1
5	1-805004	Washer,lock 1/4 hvy spring	1	23	1-303105	Yoke, adjustable .....	2
6	1-800751	Capscrew, 1/4-20 x 1-1/2...	1	24	322-7	Capscrew, 5/16-18 x 1-1/2	1
7	1-544722	Linkage, motion control.....	1	25	3219-2	Nut, 5/16-24 .....	1
8	1-513132	Joint, ball .....	1	26	1-512136-03	Housing, override .....	1
9	1-543710	Rod, end.....	1	27	1-543052	Rod, link .....	1
f	1-840022	Pro-Lock,Nut Type (.5ml Tube) Use on both Rod ends		28	3257-1	Key, woodruff #3, 1/8x1/2.	1
10	1-513479	Bushing, spring guide.....	2	29	1-542725	Spring assy, pedal (center)	1
11	1-542724-01	Centering spring wldmnt....	1	30	1-542053	Spring, pedal (override).....	1
12	1-543148	Rod, end.....	1	31	1-809057	Screw, 5/16x3/4 sckt hd shld	1
13	3296-29	Nut, nylock 5/16-18 .....	1	32	3296-42	Nut, nylock 1/4-20 .....	1
14	3256-3	Washer, 5/16 std. flat.....	1	33	3210-5	Capscrew, 5/16-24 x 1 .....	1
15	3220-2	Nut, jam 5/16-24 (RH).....	8	34	1-543017	Ball joint.....	3
16	1-544711	Idler linkage S/A.....	1	35	322-6	Capscrew, 5/16-18 x 1-1/4	1
17	1-542144-01	Linkage, idler .....	1	36	1-603500	Spacer.....	2
18	1-513140	Bearing, control.....	2	37	32128-20	Nut, whizlock 5/16-18.....	3

Exmark black touch up spray paint - Gloss black  
f Not Illustrated.

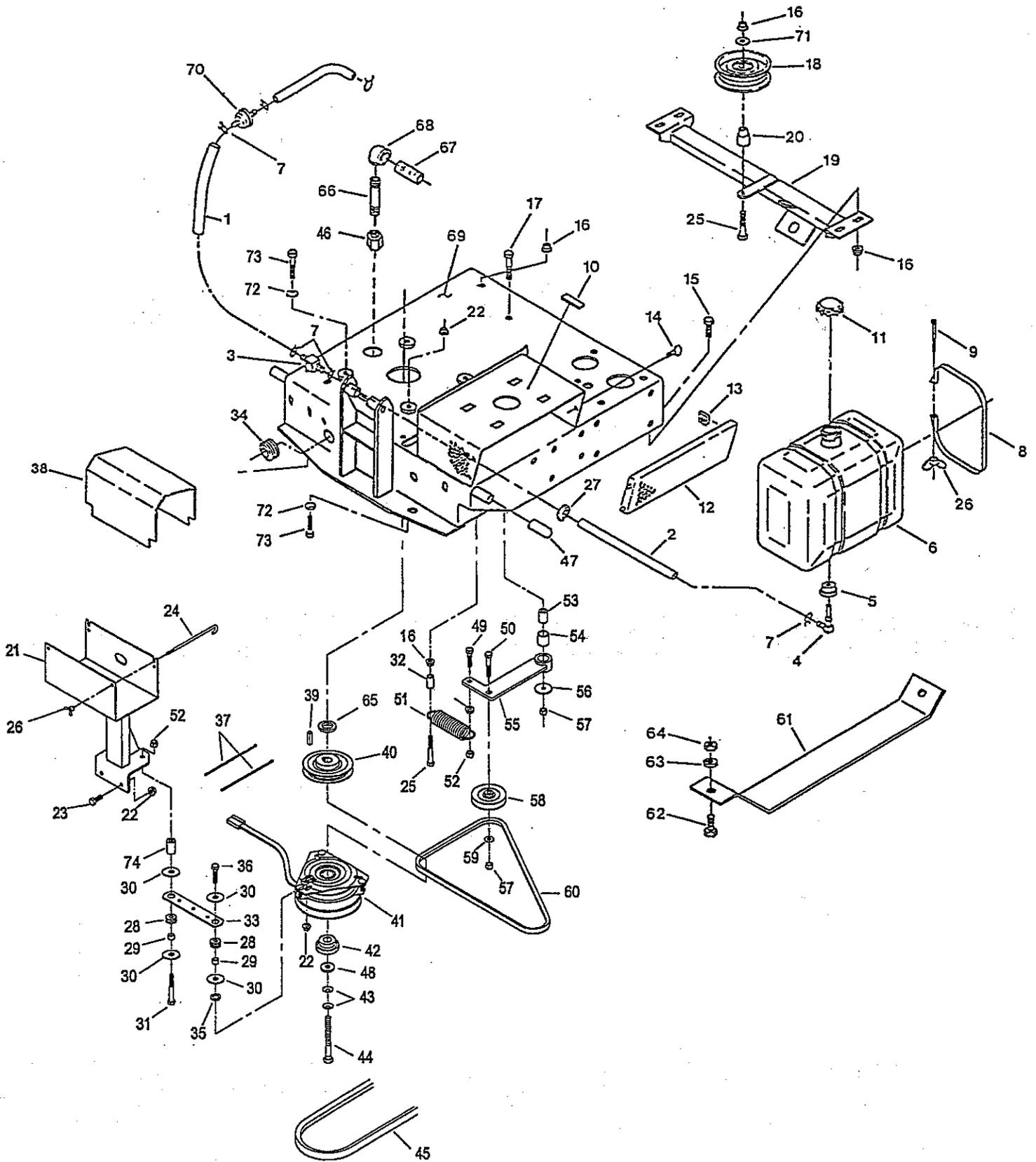
# PARKING BRAKE



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	322-11	Capscrew, 5/16-18 x 2-1/4 .	1	23	3234-5	Bolt, whizlock 5/16-18 x 3/4	4
2	32128-20	Nut, whizlock, 5/16-18 .....	13	f	1-840022	Pro-Lock Nut Type (.5ml Tube) Use on bolt threads	
3	1-543115	Link, brake.....	2	24	1-543721	Linkage, brake .....	1
4	1-808278	Pin, clevis 5/16 x 3/4.....	2	25	3220-3	Nut, jam 3/8-24 pltd.....	4
5	3272-10	Pin, cotter 1/8 x 3/4 .....	2	26	3256-4	Washer, 3/8 .....	2
6	1-542123-01	Arm, butterfly control.....	1	27	1-543132	Spring, brake protect.....	1
7	1-806328	Roll pin, 7/32 x 7/8.....	3	28	1-543129	Pin, trunion .....	1
8	1-542190	Pivot widmt, brake lever .....	1	29	322-5	Capscrew, 5/16-18 x 1 .....	1
9	1-552058-01	Support, transmission (LH)	1	30	1-543514	Flange mntg (side).....	2
10	1-552059-01	Support, transmission (RH)	1	31	1-543543	Spring, 3 x 1/2.....	1
11	1-542192-01	Handle, brake .....	1	32	1-543745	Link, connector #60.....	1
12	1-303020	Grip (adjustment lever).....	1	33	1-542748-01	Jackshaft, brake .....	1
13	1-542719-01	Trigger, brake .....	1	34	1-543138	Mount, jackshaft bearing....	1
14	3256-23	Washer, 5/16.....	2	35	1-542121	Arm, brake control.....	1
15	32120-35	E Ring.....	1	36	1-808280	Pin, clevis, 5/16 x 1 .....	1
16	1-513468	Spring, brake handle .....	1	37	1-543892	Clamp, hose.....	1
17	1-543798	Pushnut, 5/16 .....	1	38	3272-5	Pin, clevis 3/32 x 1/2 .....	1
18	1-513140	Bearing control.....	4	39	1-213148	Clamp.....	1
19	1-542125-01	Butterfly.....	1	40	1-543007	Spacer.....	1
20	1-542900-01	Quadrant, brake.....	1	41	1-553056	Spring, dump valve .....	1
21	1-303334	Washer, disc 5/16 .....	2	42	1-806339	Rollpin 1/4 x 3 .....	1
22	322-3	Capscrew, 5/16-18 x 3/4 ....	9	43	322-6	Capscrew, 5/16-18 x 1 1/4 .	1

Exmark red touch up spray paint - P/N 1-850337  
f Not Illustrated.

# ENGINE DECK GROUP



## ENGINE DECK GROUP

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

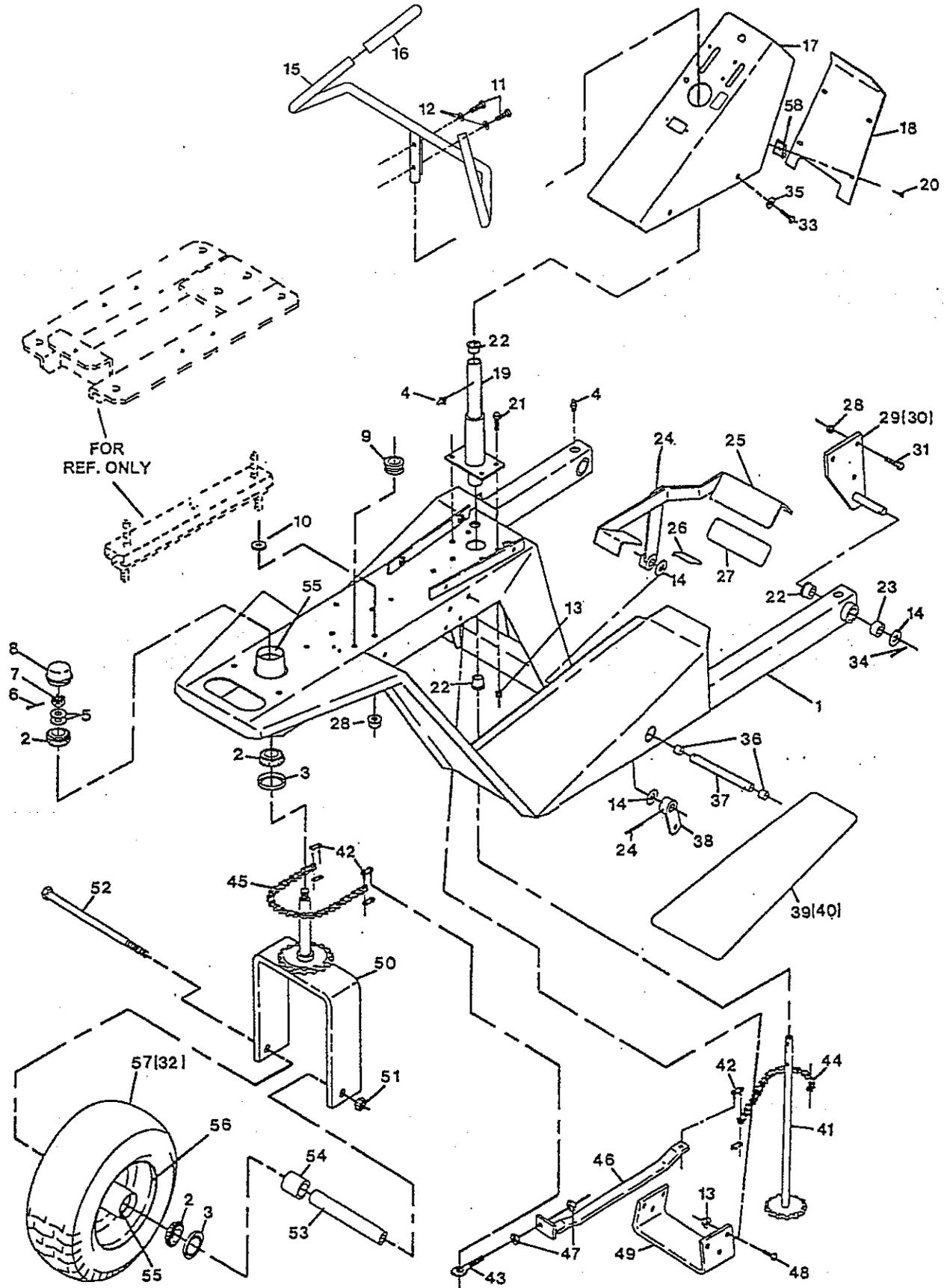
\* Use Teflon Pipe Sealant or equivalent on threads.

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

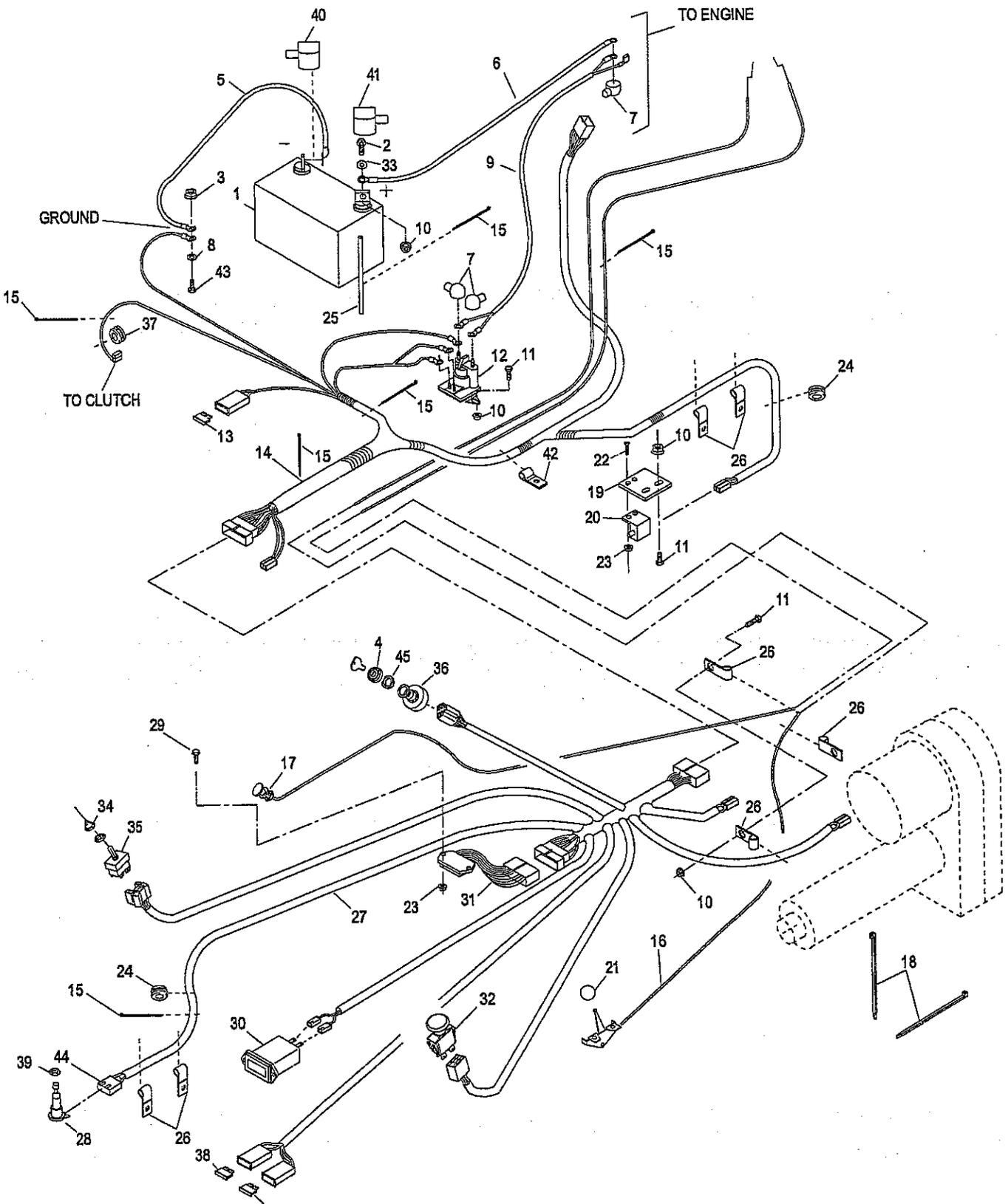
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	1-542920-01	Frame, rider.....	1	30f	1-542194-01	Bracket, pivot(LH).....	1
2	1-543509	Bearing cone, tapered roller	4	31	322-5	Capscrew, 5/16-18 x 1.....	5
3	1-543511	Seal, grease.....	3	32	1-543679	Tire, 18 x 7.50-8.....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

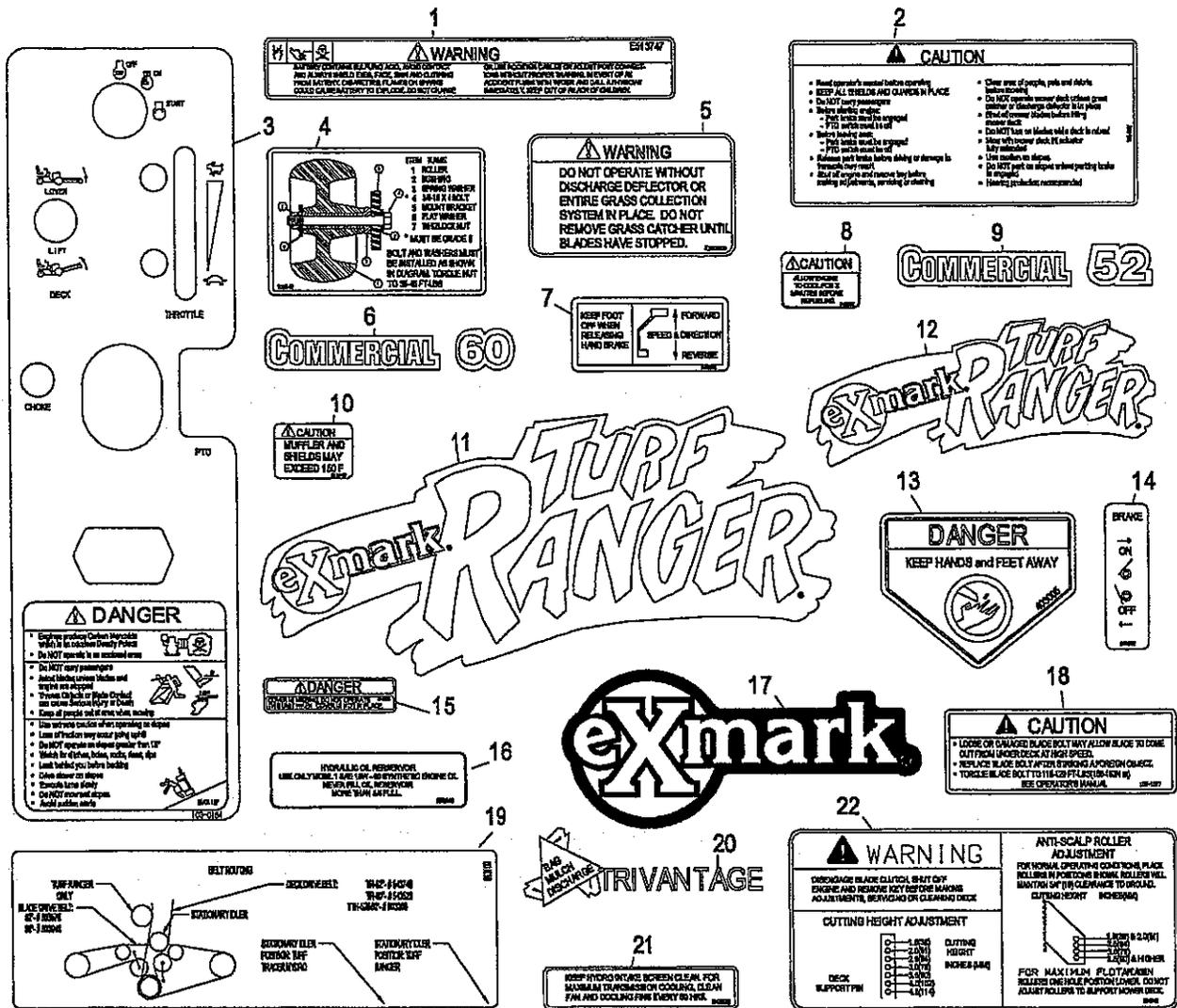


## ELECTRICAL GROUP

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

NOTE: Apply dielectric grease to all electrical connectors.

# DECALS



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



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