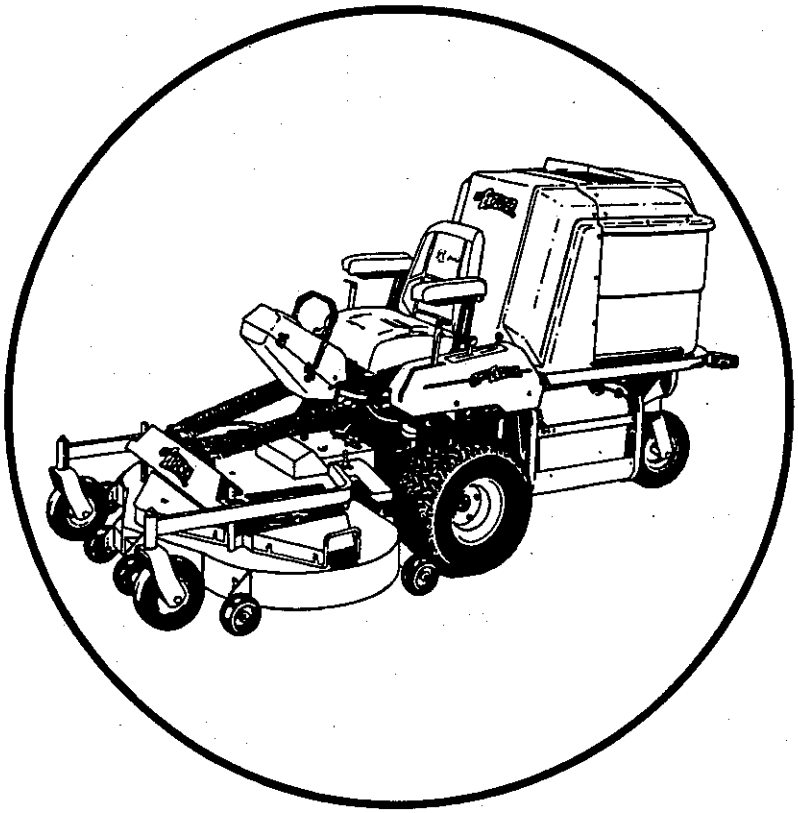
eXmark MFG. CO. INC.

For Serial Nos. 130,000 and Higher

EXPLORER



Parts Manual

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 rear frame gusset, located on the right hand side of the machine and for the deck is on the front support pin gusset on right hand side of the deck or just to inside of the back edge of the right belt guard.

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. _____

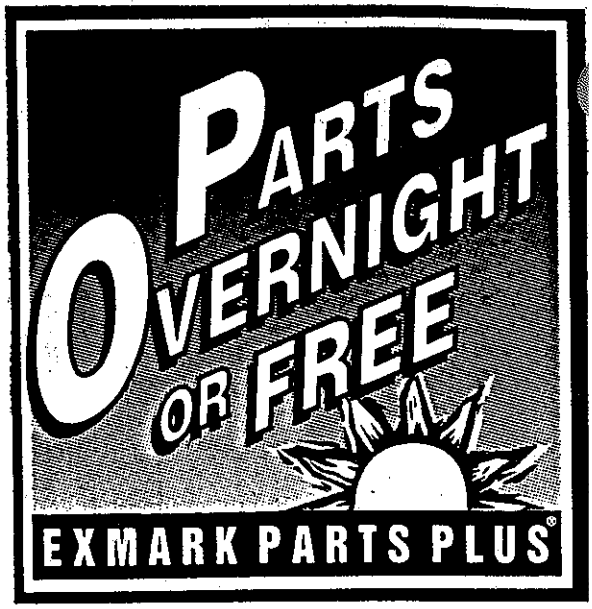
Date Purchased _____

Purchased From _____

Paste Label From Literature Packet Here

Part No. 850434

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 arrive 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. 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.

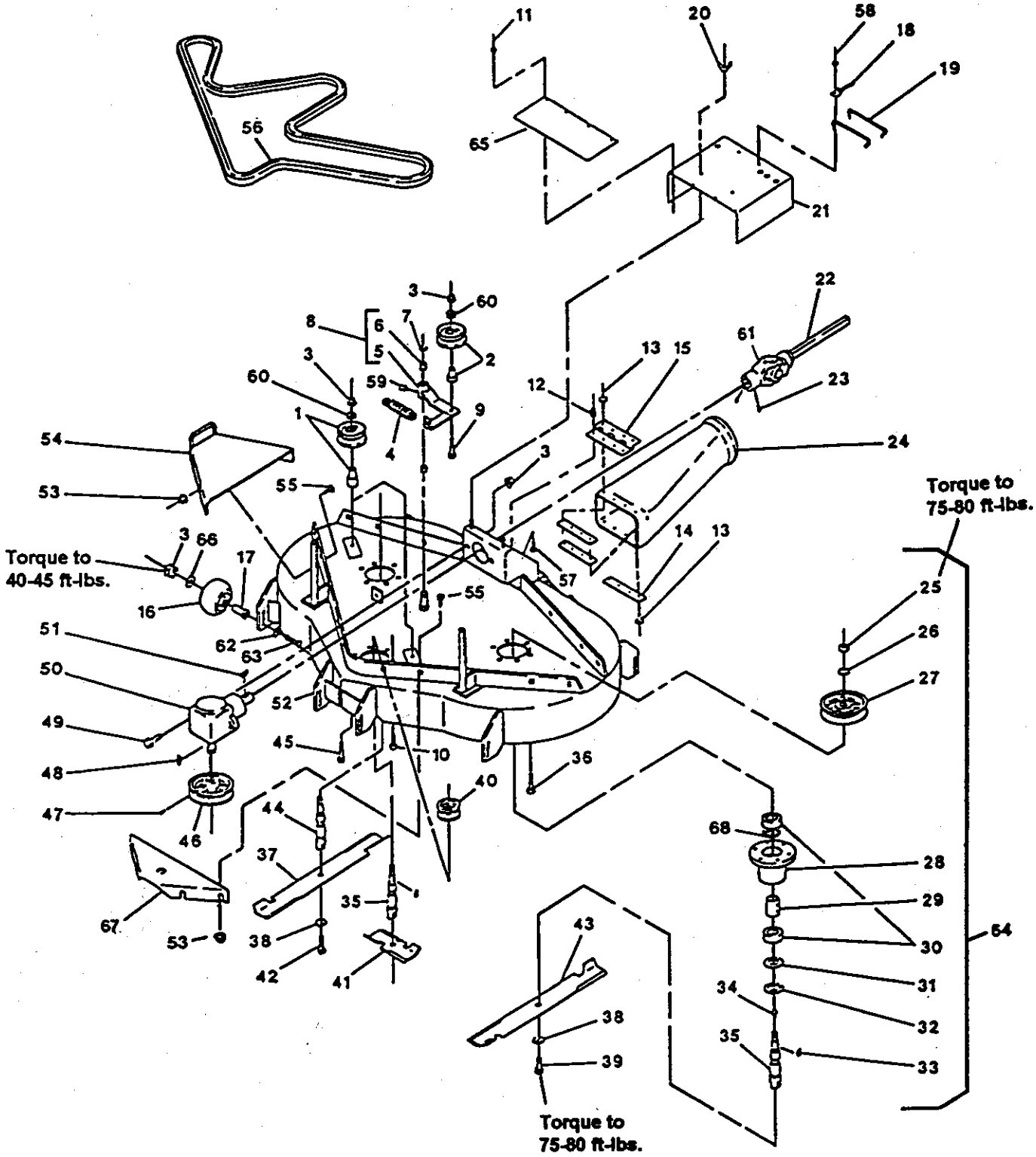
⚠ WARNING

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

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44" & 52" REAR DISCHARGE MOWER DECKS



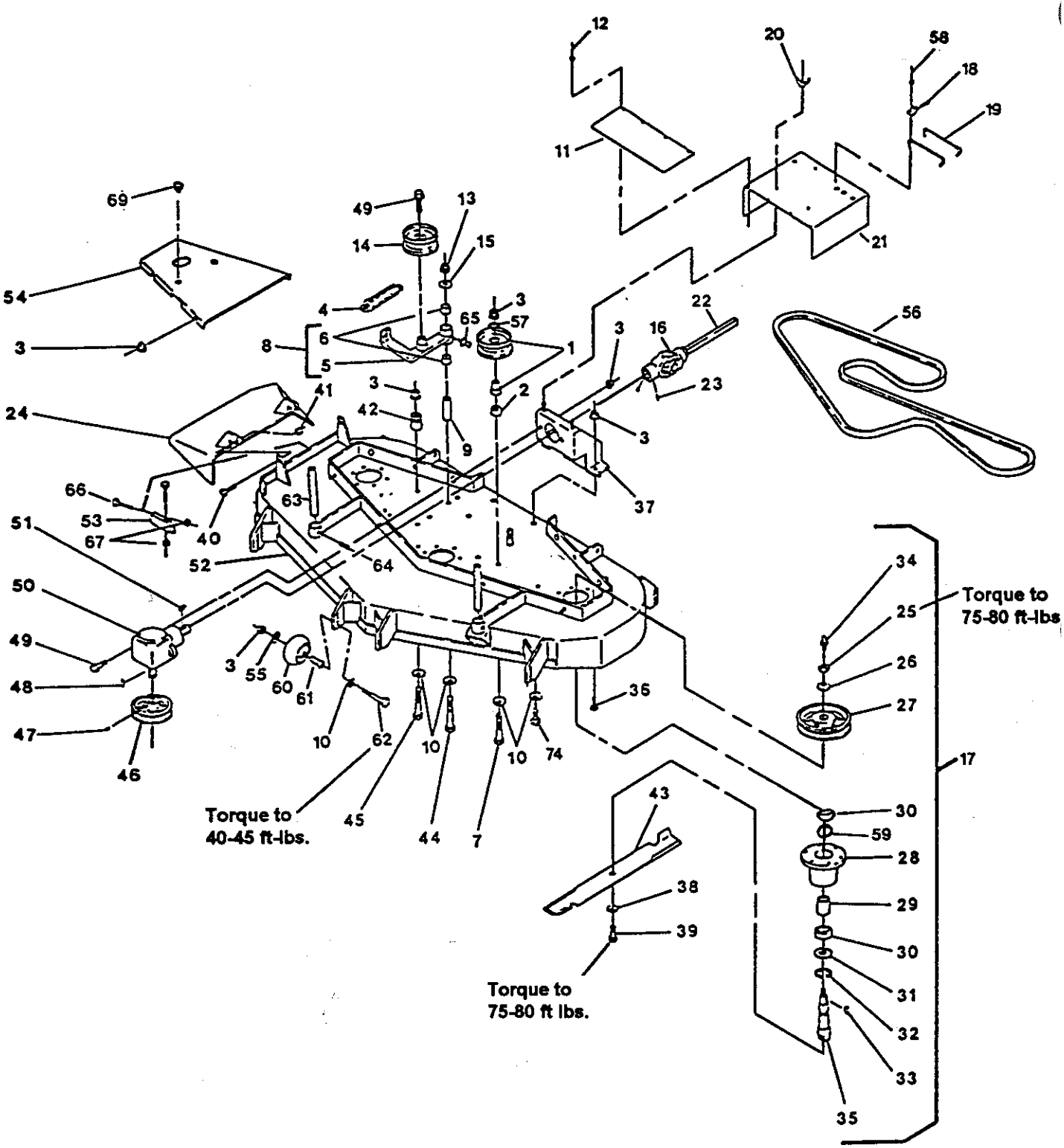
44" & 52" REAR DISCHARGE MOWER DECKS

Ref. No.	Part No.	Description	Qty. Req'd.
1	512805	Idler & Bushing Kit	2
	513787	Idler Pulley	2
	513789	Bushing	2
2	512806	Idler & Bushing Kit	1
	513787	Idler V-Belt	1
	513791	Bushing	1
3	809007	Nut, whizlock3/8-16(44" deck)	5
	809007	Nut, whizlock3/8-16(52" deck)	11
4	513308	Spring, deck idler	1
5	512359	Idler wldmnt, deck drive	1
6	513034	Bearing, DU	2
7	808500	E-Ring	1
8	512802	Idler arm sub assy	1
9	800295	Screw, 3/8-16 x 1 3/4	1
10	809027	Screw, taptite3/8-16x3/4	6
11	803035	Rivet, 3/16 x 1/4	4
12	804252	Nut, nylock #10-24	4
13	803012	Rivet, 3/16 x 3/8	8
14	513429	Stiffener, discharge chute	3
15	513436	Hinge, discharge chute	1
16	603299	Roller, anti-scalp (52" deck)	6
17	603602	Bushing, roller (52" deck)	6
18	513690	Clip, deck hold-up rod	2
19	513630	Rod, deck hold-up (44" deck)	2
	513879	Rod, deck hold-up (52" deck)	2
20	513959	Wingnut 5/16-18	2
21	523402	Guard, PTO	1
22	513196	PTO shaft, shaft half	1
23◊	803049	Set screw, 3/8-16 x 3/4	2
24	512710	Discharge tube sub assy	1
	513046	Tube, discharge extension	1
25	804510	Nut, 5/8-18 UNF	3
26	513208	Washer, spring disk	3
27	523191	Sheave, bld drv (44" deck)	2
	513983	Sheave, bld drv (52" deck)	2
28	413314	Housing, bearing	3
29	513188	Spacer, bearing	3
30	303543	Bearing, ball	6
31	513193	Seal, dust	3
32	808506	Ring, retaining	3
33	807006	Key, woodruff #61	3
34	811006	Zerk, 1/4-28 (straight)	3
35	523503	Spindle, blade (RH thread)	2
36	809035	Screw, tap 3/8-16 x 1 (52" dk)	12
37	523505	Blade, 22" RH (44" deck)	1
	523507	Blade, 26" RH (52" deck)	1
	523511	Blade, 26" RH low lift (52" dk)	1
38	513208	Washer, spring disc 5/8	3
39	800340	Screw, 5/8-11 x 1	2
40	513976	Sheave, bld drv	1
41	523508	Blade, 10"	1
	523512	Blade, 10" low lift	1
42	800341	Screw, 5/8-11 x 1 (LH)	1
43	523504	Blade, 22" LH (44" deck)	1
	523506	Blade, 26" LH (52" deck)	1
	523510	Blade, 26" LH low lift (52")	1
44	523502	Spindle, blade (LH thread)	1
45	800297	Screw, 3/8-16 x 2 1/4	2
46	523159	Sheave, 6.45 O.D.	1
47◊	803310	Set screw, 5/16-18 x 3/8	1
48	807009	Key, wdrff 3/16 x 3/4 #9	1
49	803016	Screw, whizlock 3/8-16 x 1	2
50	513635	Gearbox, mower deck	1
51	807005	Key, wdrff 5/32 x 5/8 #6	1
52	522202	Deck wldmnt (44" deck)	1
	522263	Deck wldmnt (52" deck)	1
53	809001	Nut, whzlck 5/16-18 (44"deck)	12
54	512988	Guard, belt	2
55	807503	Bolt,carriage5/16-18x3/4	12
56	523193	Belt, deck drive (44" deck)	1
	513984	Belt, deck drive (52" deck)	1
57	807513	Bolt, carriage 10-24 x 1/2	4
58	803010	Rivet, 3/16 x 1/4	2
59	811008	Zerk, 1/4-28 (90°)	1
60	805259	Washer 3/8 Flat	3
61	523158	U-joint repair kit	1
62	303327	Washer, sprng (52" deck)	6
63	800807	Screw, 3/8-16 x 4 (52" deck)	6
64	524533	Housing, cutter complete, center (44" deck)	1
	524536	Housing, cutter complete, left (44" deck)	1
	524537	Housing, cutter complete, right (44" deck)	1
	524533	Housing, cutter complete, center (52" deck)	1
	524532	Housing, cutter complete, left (52" deck)	1
	524531	Housing, cutter complete, right (52" deck)	1
65	523403	Shield, gearbox (rubber)	1
66	373034	Washer, swivel	6
67	523200	Guard, belt (front)(44" deck)	1
	513990	Guard, belt (front)(52" deck)	1
68	303542	O-ring	3

◊ Use Pro-lock nut type (Part No. 840022, .5 ml tube) on set screws

Exmark red touch up spray paint - P/N 850337

52" SIDE DISCHARGE MOWER DECK



52" SIDE DISCHARGE MOWER DECK

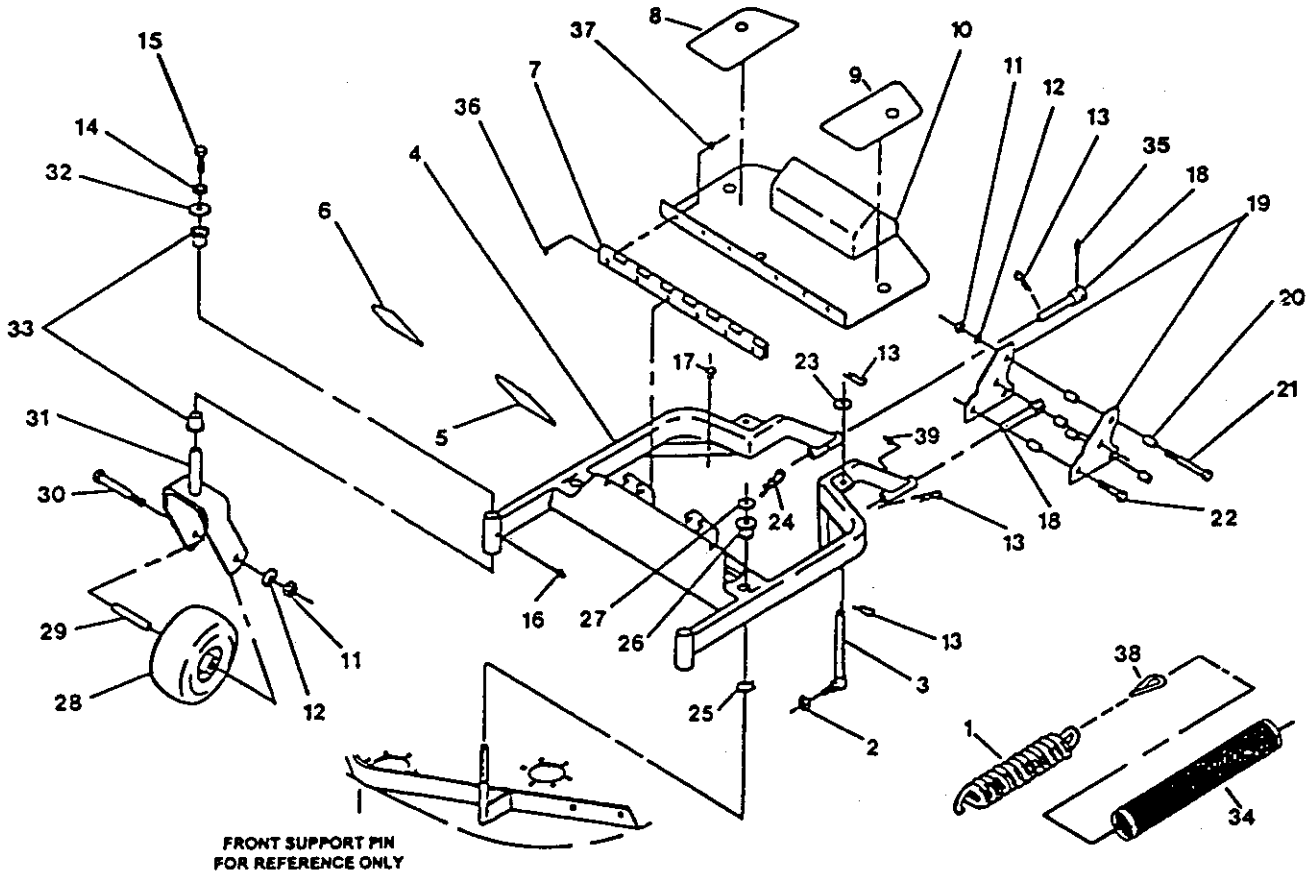
Ref. No.	Part No.	Description	Qty. Req'd.
1	602501	Idler & Bushing Kit	1
	603497	Idler Pulley	1
	603496	Bushing	1
2	603050	Spacer	1
3	809007	Nut, whizlock 3/8-16	22
4	513170	Spring, deck idler	1
5	512909	Idler wldmnt, deck drive	1
6	513034	Bearing, DU	2
7	800297	Screw, 3/8-16 x 2 1/4	1
8	512935	Idler arm sub assy	1
9	603044	Bushing, idler pivot	1
10	303327	Washer, 38 disc spring	13
11	523403	Shield, PTO (rubber)	1
12	803035	Rivet, 3/16 x 1/4	4
13	804257	Nut, nylock 3/8-16	1
14	603497	Pulley, idler	1
15	805260	Washer, 3/8	1
16	523158	U-joint repair kit	1
17	614145	Housing, cutter (complete)	3
18	513690	Clip, deck hold-up rod	2
19	513879	Rod, deck hold-up	2
20	513959	Wingnut, 5/16-18	2
21	523402	Guard, PTO	1
22	513196	PTO shaft, shaft half	1
23◊	803049	Set screw, 3/8-16 x 3/4	2
24	602571	Chute, discharge	1
25	804510	Nut, 5/8-18 UNF	3
26	513208	Washer, spring disk	3
27	513207	Sheave, bld drv 6.55 OD	3
28	413314	Housing, bearing	3
29	513188	Spacer, bearing	3
30	303543	Bearing, ball	6
31	513193	Seal, dust	3
32	808506	Ring, retaining	3
33	807006	Key, woodruff #61	3
34	811006	Zerk, 1/4-28 (straight)	3
35	613106	Spindle, blade	3
36	809035	Screw, tap 3/8-16 x 1	18
37	512904	Support, gearbox	1
38	513208	Washer, spring disc 5/8	3
39	800340	Screw, 5/8-11x1	3
40	800273	Screw, 5/16-18 x 1	2
41	804256	Nut, nylock 5/16-18	2
42	603422	Anchor, spring	1
43	633482	Blade, 18"	3
	633485	Blade, low lift	3
ǂ	633484	Blade, mulching	3
44	800298	Screw, 3/8-16 x 2 1/2	1
45	800296	Screw, 3/8-16 x 2	1
46	523159	Sheave, 6.45 OD	1
47◊	803310	Set screw, 5/16-18 x 3/8	1
48	807009	Key, wdrff #9, 3/16 x 3/4	1
49	803016	Screw, whizlock 3/8-16 x 1	3
50	513635	Gearbox, mower deck	1
51	807005	Key, wdrff #6, 5/32 x 5/8	1
52	522518	Deck w/discharge baffle, pins and decals	1
*	612153	Deck weldmt	1
53	602913	Baffle	1
54	513906	Cover, deck	2
55	373034	Washer, swivel	6
56	513910	Belt, deck drive	1
57	805259	Washer, 3/8 flat	1
58	803010	Rivet , 3/16	2
59	303542	O-ring	3
60	603299	Roller, anti-scalp	6
61	603602	Bushing, roller	6
62	800807	Screw, 3/8-16 x 4	6
63	603001	Rod, deck support	2
64	806332	Roll pin, 1/4 x 1 1/2	2
65	811008	Zerk, 1/4-28 (90°)	1
66	800270	Screw, 5/16-18 x 5/8	6
67	809001	Nut, whizlock 5/16-18	6
68	513291	Bumper, rubber	2
69	800292	Screw, 3/8-16 x 1	4

◊ Use Pro-lock nut type (Part No. 840022, .5 ml tube) on set screws.

ǂ Requires installation of Micro-Mulch assessory for proper mulching. Mulch kit P/N MK523
Exmark red touch up spray paint - P/N 850337

* Deck weldmt does include welded in flow control baffles.

44" & 52" REAR DISCHARGE MOWER DECK SUPPORT

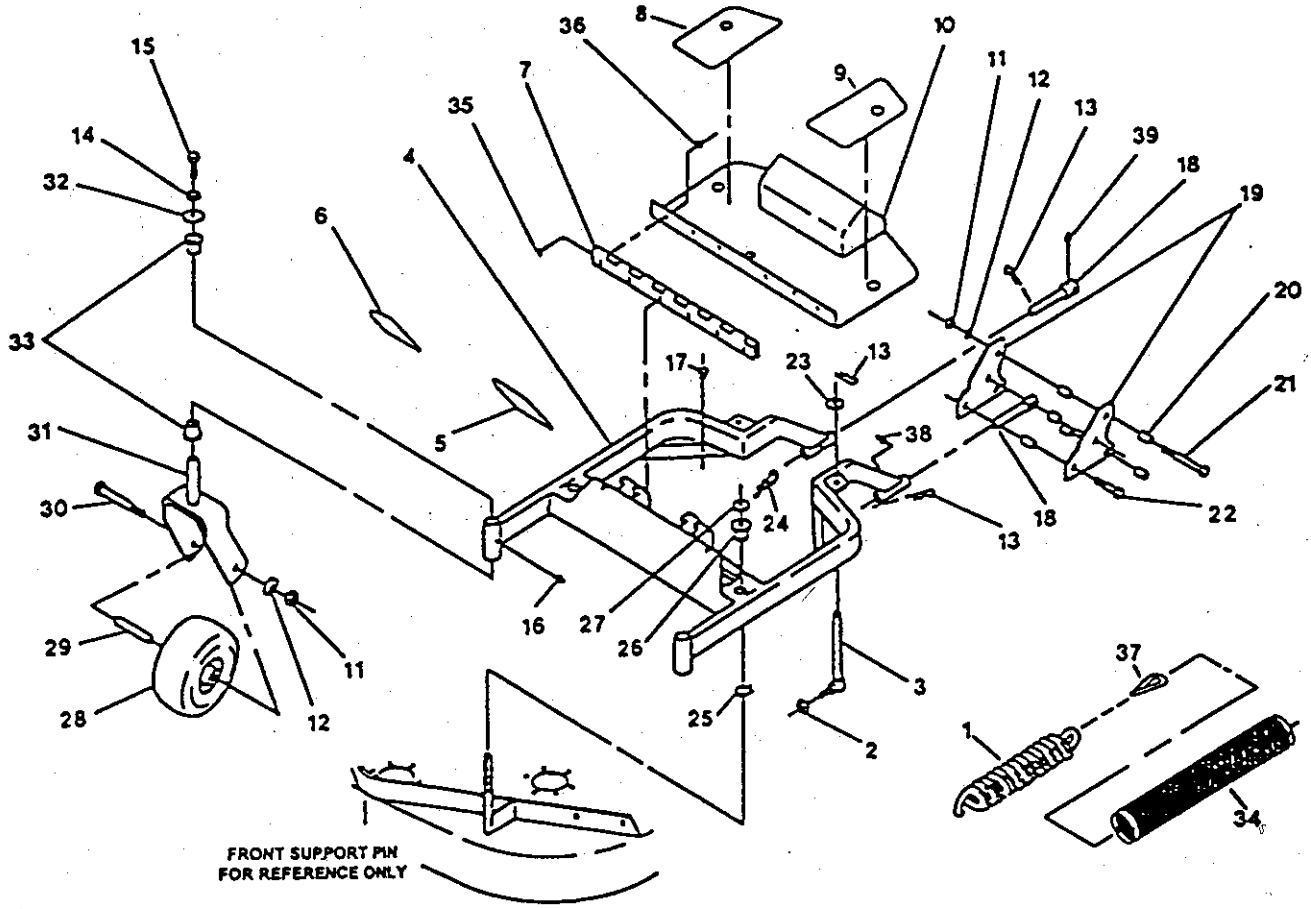


Ref. No.	Part No.	Description	Qty. Req'd.
1	513596	Spring, deck support	4
2	803031	Nut, torque 3/8-24 UNF	2
3	603540	Link, rear deck support	2
4	524097	Support wldmnt, 44" deck	
	.....	(w/bushings & decals)	
	524098	Support wldmnt, 52" deck	
	.....	(w/bushings & decals)	1
5	513680	Pad, anti skid (upper LH)	1
6	513679	Pad, anti skid (upper RH)	1
7	513413	Hinge, floor pan (44" deck)	1
	513854	Hinge, floor pan (52" deck)	1
8	513681	Pad, anti skid (lower RH)	1
9	513682	Pad, anti skid (lower LH)	1
10	512419	Floor pan, (44" deck)	1
	512874	Floor pan, (52" deck)	1
11	804509	Nut, 1/2-13	10
12	805008	Washer, lock 1/2	10
~~13~~	806006	Clip, hair pin 5/8	~~4~~ 8
14	805006	Washer, lock 3/8	2
15	800292	Screw, 3/8-16 x 1 Gr.5	2
16	811001	Zerk, 1/8 NPT (straight)	2
17	513658	Rubber Bumper	2
18	522317	Pivot mounting w/zerk	2

Ref. No.	Part No.	Description	Qty. Req'd.
19	523314	Bracket, deck pivot	4
20	513315	Spacer, pivot mounting	12
21	800337	Screw, 1/2-13 x 7	4
22	800333	Screw, 1/2-13 x 2-1/2	4
23	805267	Washer, 5/8 SAE	2
24	806007	Clip, hair pin 7/8	2
25	808507	Ring, retaining	2
26	513336	Bushing, deck support	2
27	513338	Washer	2
28	513648	Wheel & tire assy	2
	513807	Wheel	2
	513808	Tire, 9 x 3.50-4	2
	513809	Bearing	2
	513810	Bushing	4
29	513547	Spacer, front caster	2
30	800334	Screw, 1/2-13 x 6	2
31	522143	Caster, weldment	2
32	373034	Washer, swivel	2
33	303514	Bearing, flanged	4
34	523427	Cover, spring	4
35	811006	Zerk, 1/4-28 (straight)	2
36	803028	Screw, 10-24 x 5/8	12
37	804252	Nut, nylock 10-24	12
38	523431	Link, deck spring	4

Exmark red touch up spray paint - P/N 850337

52" SIDE DISCHARGE MOWER DECK SUPPORT

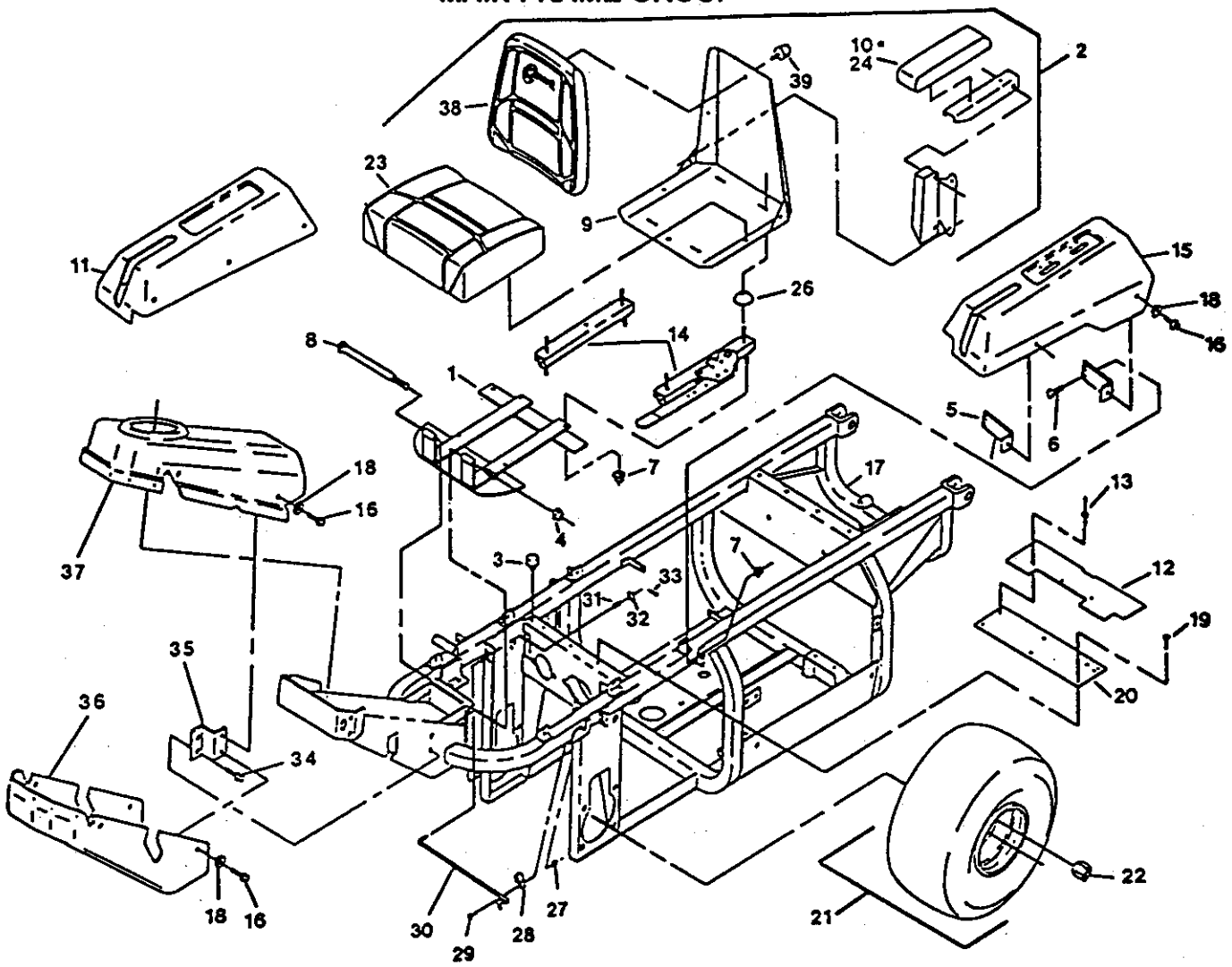


Ref. No.	Part No.	Description	Qty. Req'd.
1	513596	Spring, deck support	4
2	803031	Nut, torque 3/8-24 UNF	2
3	603540	Link, rear deck support	2
4	524098	Support wldmnt, 52" deck	
	.....	(w/bushings & decals)	1
5	513680	Pad, anti skid (upper LH)	1
6	513679	Pad, anti skid (upper RH)	1
7	513854	Hinge, floor pan	1
8	513681	Pad, anti skid (lower RH)	1
9	513682	Pad, anti skid (lower LH)	1
10	512874	Floor pan, (52" deck)	1
11	804509	Nut, 1/2-13	10
12	805008	Washer, lock 1/2	10
13	806006	Clip, hair pin 5/8	4
14	805006	Washer, lock 3/8	2
15	800292	Screw, 3/8-16 x 1 Gr.5	2
16	811001	Zerk, 1/8 NPT (straight)	2
17	513658	Rubber Bumper	2
18	522317	Pivot mounting w/zerk	2
19	523314	Bracket, deck pivot	4
20	513315	Spacer, pivot mounting	12

Ref. No.	Part No.	Description	Qty. Req'd.
21	800337	Screw, 1/2-13 x 7	4
22	800333	Screw, 1/2-13 x 2-1/2	4
23	513916	Spacer, rear deck supp.	2
24	806007	Clip, hair pin 7/8	2
25	808507	Ring, retaining	2
26	513336	Bushing, deck support	2
27	303314	Spacer	2
28	513648	Wheel & tire assy	2
	513807	Wheel	2
	513808	Tire, 9 x 3.50-4	2
	513809	Bearing	2
	513810	Bushing	4
29	513547	Spacer, front caster	2
30	800334	Screw, 1/2-13 x 6	2
31	522143	Caster wldmnt (front)	2
32	373034	Washer, swivel	2
33	303514	Bearing, flanged	4
34	523427	Cover, spring	4
35	803028	Screw, 10-24 x 5/8	12
36	804252	Nut, nylock 10-24	12
37	523431	Link, deck spring	4
38	811006	Zerk, 1/4-28 (straight)	2

Exmark red touch up spray paint - P/N 850337

MAIN FRAME GROUP



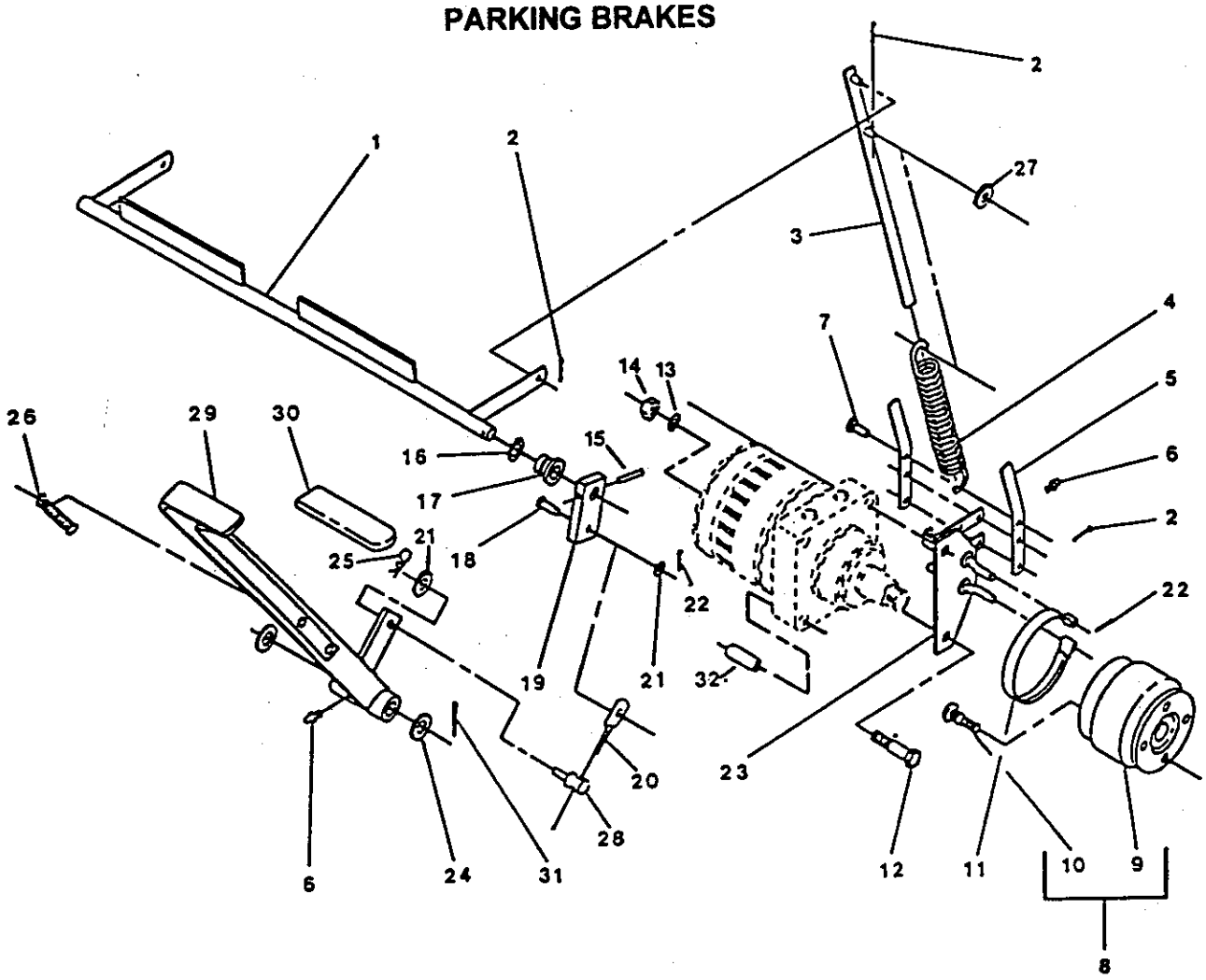
Ref. No.	Part No.	Description	Qty. Req'd.
1	522411	Seat mount	1
2	633461	Seat, complete	1
3	513291	Bumper, rubber	2
4	804257	Nut, nylock 3/8-16	1
5	513175	Support, fender	4
6	800271	Screw, 5/16-18 x 3/4	8
7	809001	Nut, whizlock 5/16-18	12
8	800309	Screw, 3/8-16 x 9 1/2	1
9	543347	Seat, w/cushion	1
10*	543411	Cushion, arm rest, LH	1
11	513677	Fender, RH	1
12	523404	Shield (rubber), pump belt	1
13	803035	Rivet, 3/16 x 1/4	3
14	523428	Track, seat (4" adjusting)	1
15	513676	Fender, LH	1
16	803036	Screw, 12-24 x 3/4	18
17	522347	Frame, main	1
18	805254	Washer, #12	16
19	802002	Screw, 10-32 x 1/2	3
20	523405	Shield, pump belt	1

Ref. No.	Part No.	Description	Qty. Req'd.
21	543396	Wheel/tire assy 20 x 10-8	2
	513042	Wheel	2
	543680	Tire 20 x 10-8	2
22	513011	1/2-20 Wheel Nut	8
23	543407	Cushion, seat	1
24	543409	Cushion, arm rest, RH	1
26	543401	Spacer, seat track	4
27	804252	Nut, nylock 10-24	1
28	513639	Clip, seat holdup rod	1
29	803028	Screw, 10-24 x 5/8	1
30	513684	Rod, seat holdup	1
31	513641	Spring, seat holdup rod	1
32	805256	Washer, 1/4	1
33	806753	Pin, cotter 3/32 x 1/2	1
34	802001	Screw, 12-24 x 1/2	4
35	513692	Tab, mount (console)	2
36	513686	Console, steering (bottom)	1
37	513685	Console, steering (top)	1
38	543408	Cushion, back rest	1
39	523420	Bumper, rubber	1

* Not Illustrated.

Exmark black touch up spray paint - Gloss black

PARKING BRAKES



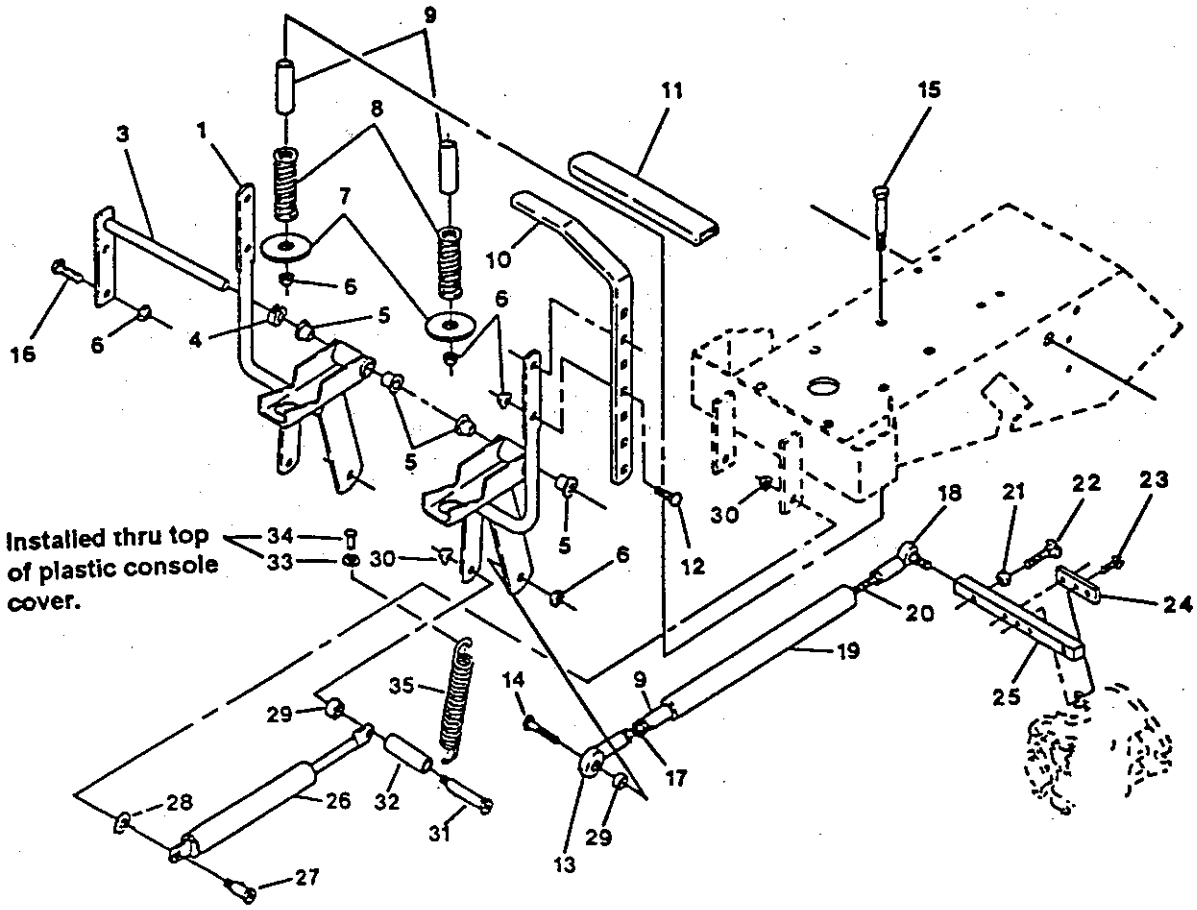
Ref. No.	Part No.	Description	Qty. Req'd.
1	512182	Rod, lockout	1
2	806753	Pin, cotter 3/32 x 1/2	10
3	512349	Link, brake	2
4	513170	Spring, brake apply	2
5	513364	Link, brake connecting	4
6	811006	Zerk, grease 1/4-28 (strght)	5
7	808264	Pin, clevis 1/4 x 9/16	6
8	512074	Hub & brake drum ass'y.	2
9▽	513063	Hub & brake drum	2
10	513025	Bolt, hub	8
11	513048	Band, brake	2
12	800336	Screw, 1/2-13 x 4-1/2	4
13	805008	Washer, lock 1/2	4
14	804509	Nut, 1/2-13	4
15	806325	Roll Pin, .188 x 1.0	1
16	808505	E-Ring	2
17	513803	Bushing, lockout rod	2
18	808280	Pin, clevis 5/16 x 1	1
19	513330	Link, lockout	1
20	513778	Link, brake actuator	1
21	805257	Washer, 5/16	2
22	806761	Pin, cotter 1/8 x 3/4	5
23	522358	Bracket, brake (LH)	1
*	522356	Bracket, brake (RH)	1
24	805263	Washer, 1/2	2
25	806003	Hairpin, cotter #2	1
26	513468	Spring, brake handle	1
27	805256	Washer, 1/4	2
28	513815	Swivel, adjustment (short)	1
29	512786	Handle/trigger (brake)	1
30	303020	Grip, brake handle	1
31	806762	Pin, cotter 1/8 x 1	1
32	523303	Spacer	8

* Not Illustrated.

▽Add anti-seize compound between hub and drive motor shaft.

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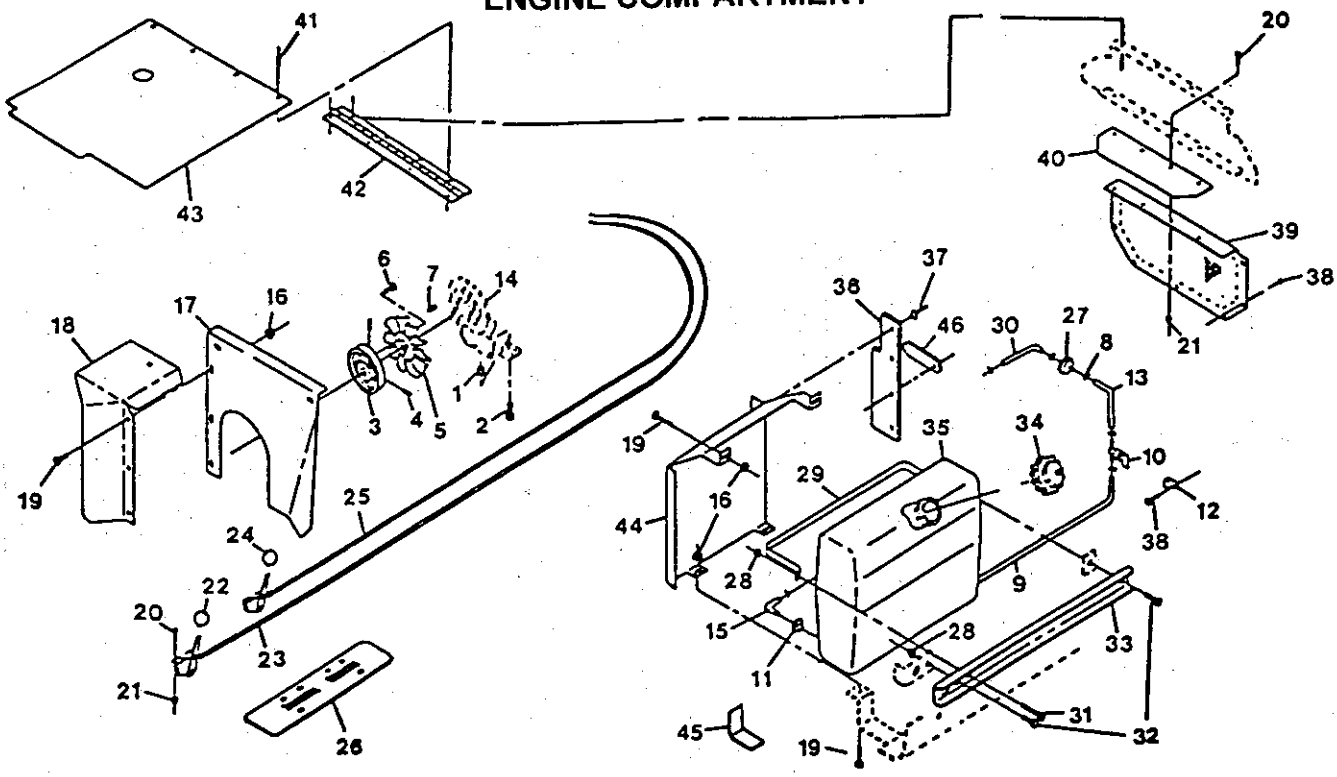
LEVER STEERING CONTROLS



Ref. No.	Part No.	Description	Qty. Req'd.
1	522060	Control, Motion (RH)	1
2	522058	Control, Motion (LH)	1
3	522053	Shaft, control	1
4	809023	Collar, clamptite	1
5	513140	Bearing, control	4
6	809001	Nut, whizlock 5/16-18	10
7	513516	Washer, reverse indicator	2
8	513296	Spring, reverse indicator	2
9	513479	Bushing, spring guide	4
10	523055	Lever, control	2
11	523063	Grip, motion control	2
12	807506	Bolt, carriage 5/16-18 x 1	4
13	543017	Ball joint	2
14	800274	Screw, 5/16-18 x 1-1/4	2
15	800277	Screw, 5/16-18 x 2	2
16	800270	Screw, 5/16-18 x 5/8	2
17	804758	Nut, jam 5/16-24	10
18	513132	Ball joint	2
19	512136	Housing, override	2
20	513499	Rod, steering	2
21	804750	Nut, jam 1/4-20	4
22	807504	Screw, 1/4-20 x 1-1/2	4
23	803026	Screw, M5 x .8 x 25 mm	6
24	513151	Clamp, plate	2
25	513146	Arm, pump	2
26	523027	Damper, motion control	2
27	809078	Bolt, 5/16 x 1/4 sckt hd shldr	2
28	805257	Washer, 5/16	4
29	603500	Spacer	4
30	809012	Nut, whizlock 1/4-20	4
31	809077	Bolt, 5/16 x 1-1/2 shoulder	2
32	523500	Spacer	2
33	805252	Washer #10 flat	2
34	808260	Pin, clevis 3/16 x 1/2	2
35	523498	Spring, motion control	2

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ENGINE COMPARTMENT



Ref. No.	Part No.	Description	Qty. Req'd.
1	809007	Nut, whizlock 3/8-16	4
2	800294	Screw, 3/8-16 x 1-1/2	3
	800295	Screw, 3/8-16 x 1-3/4	1
3	513040	Sheave 5.95 O.D. (B Belt)	1
4◊	803022	Set screw, 5/16-18 x 5/8 Sq.	2
5	513697	Fan - Belt Cooling	1
6◊	800251	Screw, 1/4-20 x 5/8	3
7	807263	Key, 1/4 Sq. x 1-1/4	1
8	303077	Clamp, gas line	6
9	303472	Hose, fuel (19")	1
10	603770	Valve, fuel shut off	1
11	513645	Bushing, fuel tank	1
12	513762	Clamp, hose	1
13	543649	Hose, fuel (7")	1
14*	523274	Engine, Kohler CH 20S	1
*		Filter, oil (Kohler) #12-050-01	1
*		Filter, air (Kohler) #47-083-03	1
*		Foam, precleaner #24-083-02	1
15	543277	Elbow, fuel tank	1
16	809012	Nut, whizlock 1/4-20	10
17	513636	Shield, heat (front)	1
18	513637	Shield, heat (RH)	1
19	800251	Screw, 1/4-20 x 5/8	10
20	803028	Screw, 10-24 x 5/8	10

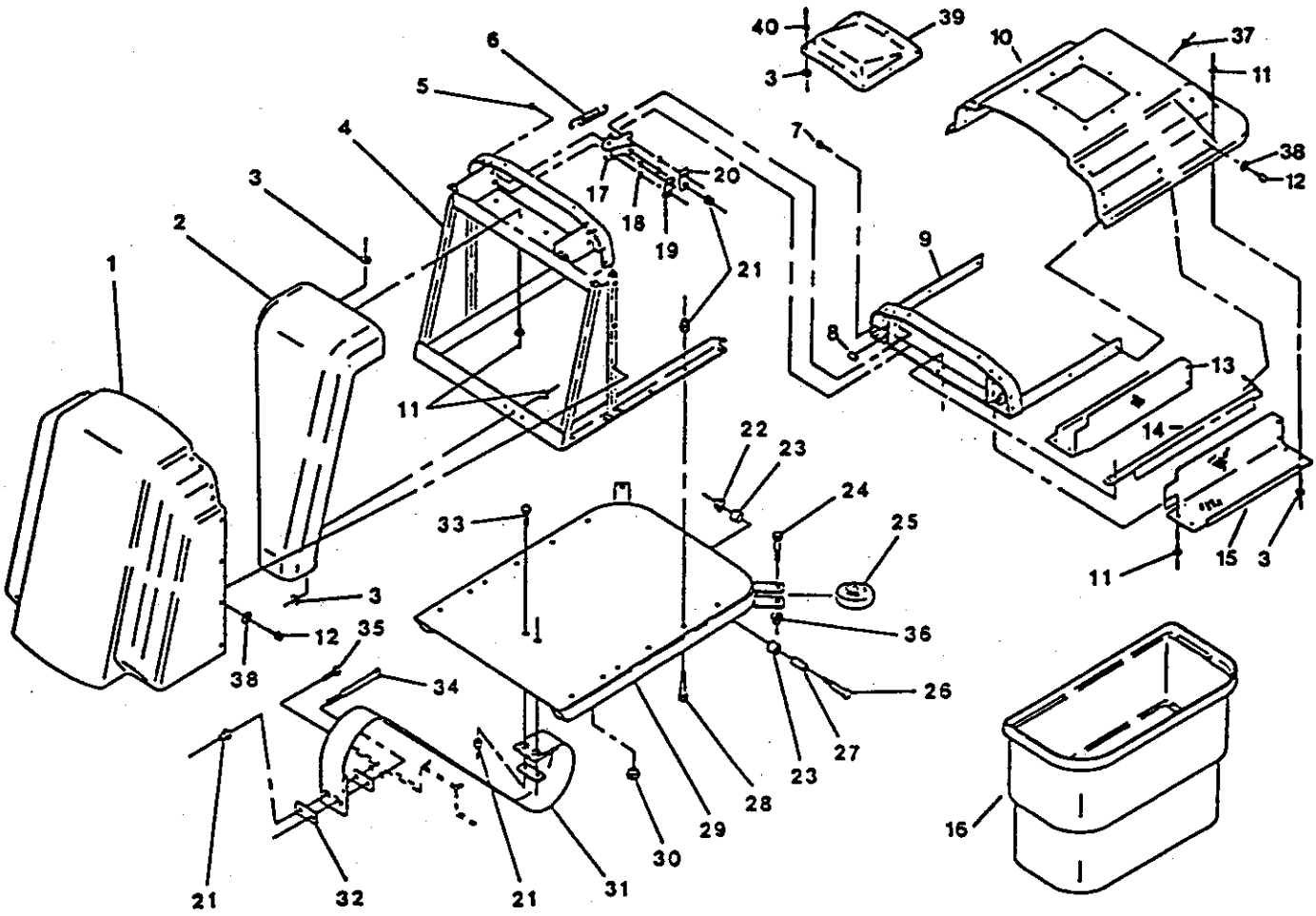
Ref. No.	Part No.	Description	Qty. Req'd.
21	804252	Nut, nylock 10-24	10
22	513592	Knob, red ball	1
23	523276	Cable, throttle	1
24	513593	Knob, black ball	1
25	523277	Cable, choke	1
26	513764	Plate, fender (LH)	1
27	523538	Filter, fuel line	1
28	804255	Nut, nylock 1/4-20	3
29	513647	Strap, fuel tank mounting	1
30	303426	Hose, fuel (15")	1
31	800009	Bolt, tap 1/4-20 x 2-1/2	1
32	800252	Screw, 1/4-20 x 3/4	1
33	513601	Channel, tank mount	1
34	513508	Cap, fuel tank	1
35	513243	Tank, fuel	1
36	513643	Baffle, engine (LH)	1
37	803035	Rivet, 3/16 x 1/4	4
38	802002	Screw, tap 10-32 x 1/2	8
39	513142	Baffle, engine (air)	1
40	523283	Baffle, engine (rear)	1
41	803010	Rivet, 3/16x1/4	8
42	513462	Hinge, engine cover	1
43	513461	Cover, engine	1
44	523275	Shield, heat (fuel tank)	1
45	523298	Pad, fuel tank	2
46	523285	Clip, rear baffle	2

◊ Use Pro-Lock, Nut type (Part No. 840022, .5 ml tube) on set screws and to fan mounting bolts.

* Not Illustrated.

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GRASS CATCHER



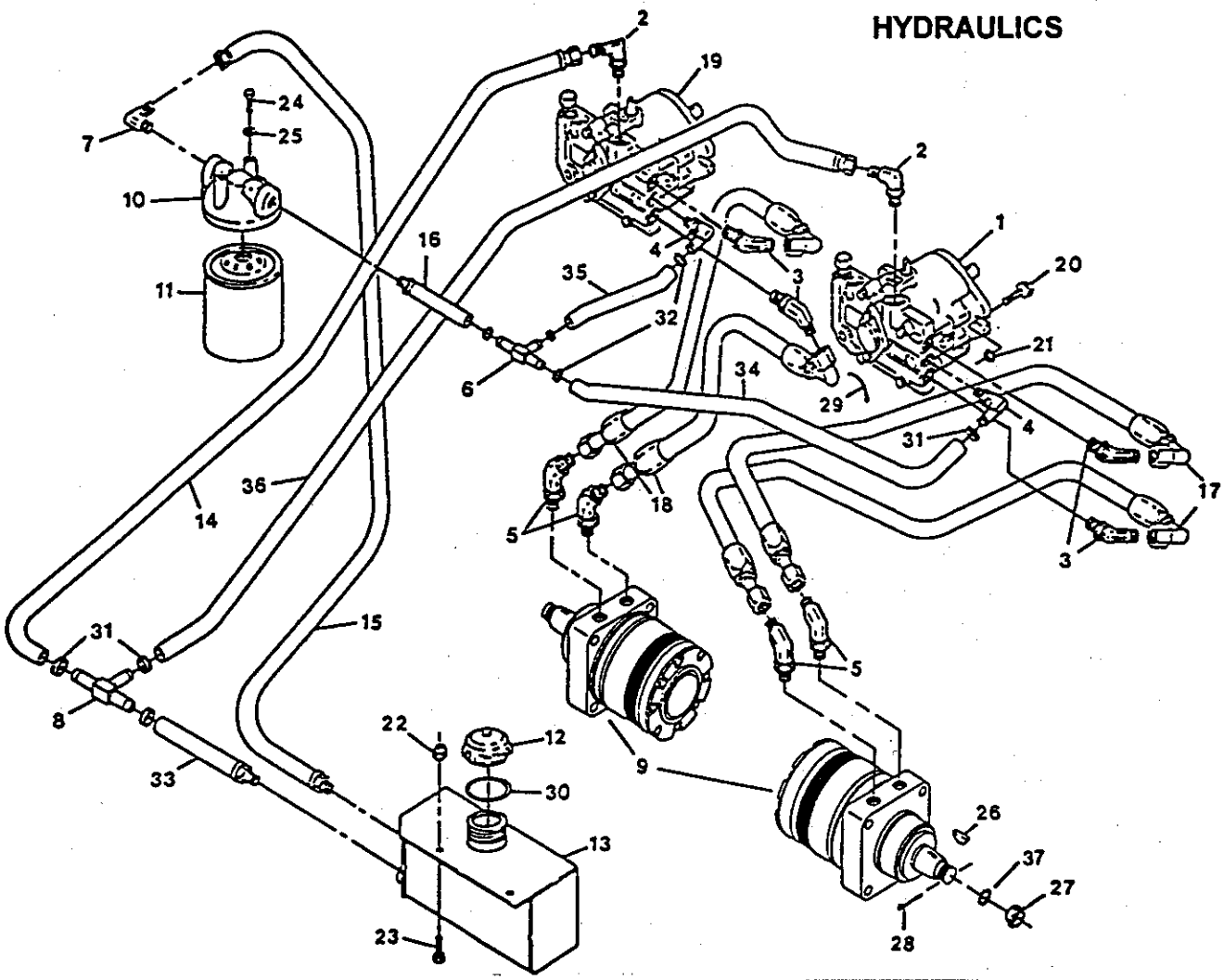
Ref. No.	Part No.	Description	Qty. Req'd.
1	513674	Front, grass catcher	1
2	512784	Chute, sub assembly grass catcher	1
	513595	Chute, grass catcher	1
*	513777	Deflector, grass chute	1
3	805507	Washer, (for 3/16 rivet)	23
4	512612	Frame, grass catcher.	1
5	800254	Screw, 1/4-20 x 1	6
6	513608	Spring, catcher lid	2
7	800258	Screw, 1/4-20 x 2	2
8	513669	Bushing, lid spring	2
9	512623	Frame wldmnt (rear hinge)	1
10	513675	Top - Grass Catcher	1
11	803012	Rivet, 3/16 x 3/8	21
12	803036	Screw, #12-24 x 3/4	20
13	513616	Screen, perforated (RH)	1
14	513670	Guard, tub seam	1
15	513614	Screen, perforated (LH)	1
16	513594	Tub, grass	2
17	513610	Link, hinge	4
18	513664	Bushing, shackle	8
19	513782	Strap, hinge bolt (front)	2

Ref. No.	Part No.	Description	Qty. Req'd.
20	513780	Strap, hinge bolt (rear)	2
21	804255	Nut, nylock 1/4-20	24
22	809007	Nut, whizlock 3/8-16	2
23	513034	Bearing, DU	4
24	800298	Screw, 3/8-16 x 2-1/2	2
25	513407	Wheel, rubber bumper	2
26	800300	Screw, 3/8-16 x 3	2
27	513385	Bushing, box pivot	2
28	800259	Screw, 1/4-20 x 2-1/4.	12
29	512603	Lift frame	1
30	513658	Bumper	2
31	513503	Strap, box restraint	1
32	513502	Clamp, strap	3
33	807514	Bolt, carriage 1/4-20 x 1	2
34	800267	Screw, 1/4-20 x 5-1/2	1
35	800255	Screw, 1/4-20 x 1-1/4	1
36	804257	Nut, nylock 3/8-16	2
37	803010	Rivet, 3/16 x 1/4	4
38	805254	Washer, #12	20
39	513897	Window, grass catcher	1
40	803006	Rivet, 3/16 x 3/8	8

* Not Illustrated.

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HYDRAULICS



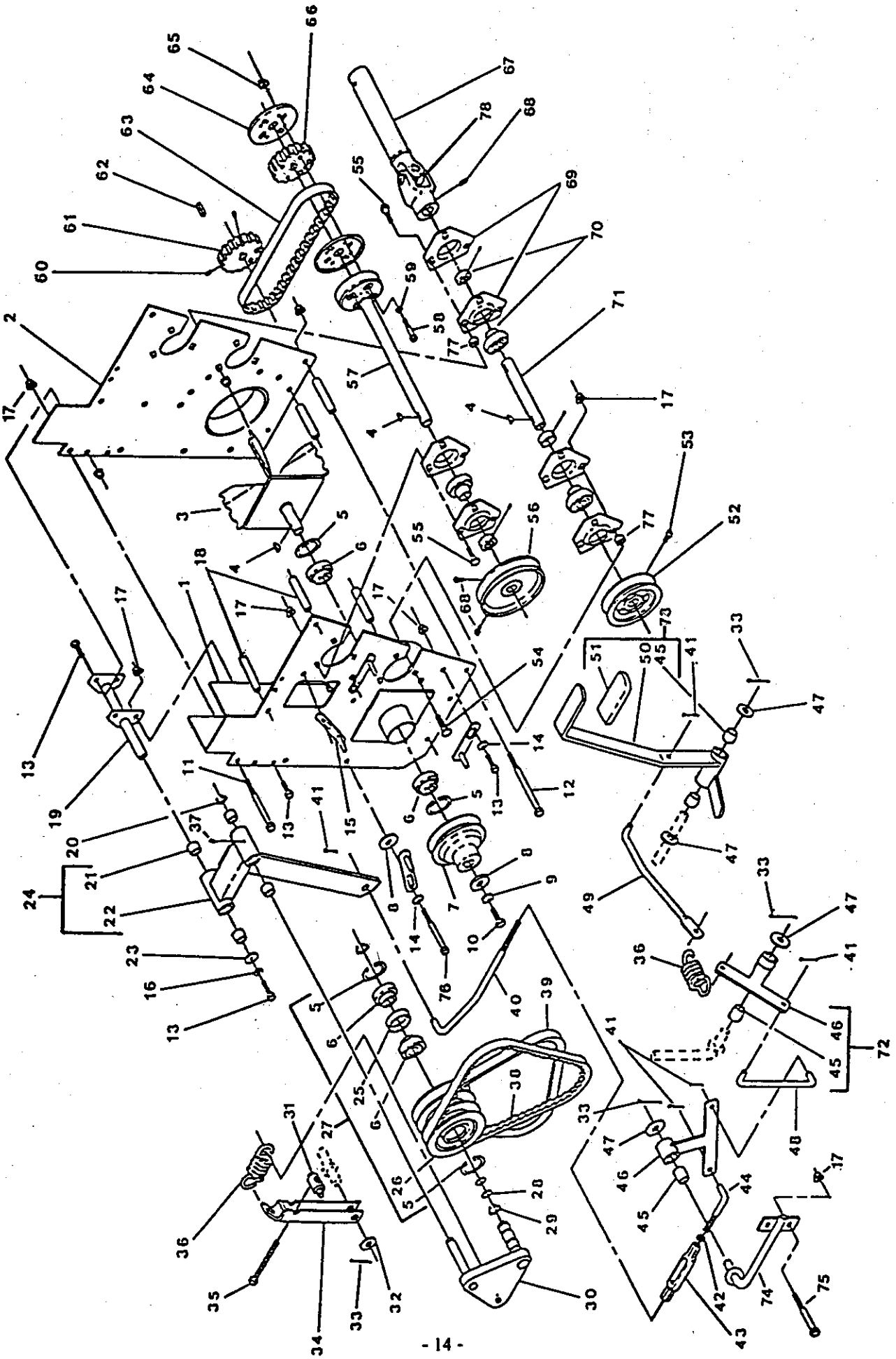
Ref. No.	Part No.	Description	Qty. Req'd.
1	523187	Pump, hydraulic (LH)	1
	2513018	Kit, overhaul seal	1
2	513840	Elbow, 90°	2
3	523221	Fitting, 45°	4
4	603989	Fitting, 90°	2
5	523222	Fitting, 45°	4
6	603721	Fitting, tee (3/8" ID hose)	1
7	513509	Fitting, 90°	1
8	603722	Fitting, tee (1/4" ID hose)	1
9	523328	Motor, wheel	2
	000099	Kit, seal	1
	000139	Kit, bearing	1
10•	513006	Head, filter	1
11	513211	Element, oil filter	1
♦	523541	Element, oil filter(winter)	1
12	513167	Cap, hydraulic reservoir	1
13•	512166	Reservoir, hydraulic fluid	1
14	522217	Hose, low pressure (7")	1
15	522216	Hose, supply (13")	1
16	522215	Hose, low pressure (4 1/4")	1
17	403102	Hose, pump/motor (LH)	2
18	523325	Hose, pump/motor(RH)	2
19	523188	Pump, hydraulic(RH)	1
	2513018	Kit, overhaul seal	1
20	803016	Screw, whizlock 3/8-16 x 1	4
21	809007	Nut, whizlock 3/8-16	4
22	804255	Nut, nylock 1/4-20	2
23	800252	Screw, 1/4-20 x 3/4	2
24	800251	Screw, 1/4-20 x 5/8	2
25	805004	Washer, lock 1/4	2
26	807020	Key, wdrff .31 x 1	2
27	809039	Nut, slotted 1.00-20	2
28	806800	Pin, cotter 9/64 x 1-1/2	2
29	303335	Tie, plastic	1
30	523103	Gasket, hyd. Tank	1
31	603826	Clamp, hose 1/2" OD	3
32	603827	Clamp, hose 5/8" OD	5
33	522219	Hose, low pressure (3")	1
34	523214	Hose, low pressure (12")	1
35	523213	Hose, low pressure (4.3")	1
36	522218	Hose, low pressure (10")	1
37	523157	Shim	As Req'd.

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

• Use Teflon pipe sealant on pipe threads in reservoir & filter head

BLOWER PRIMARY and SECONDARY TRANSFER GROUP



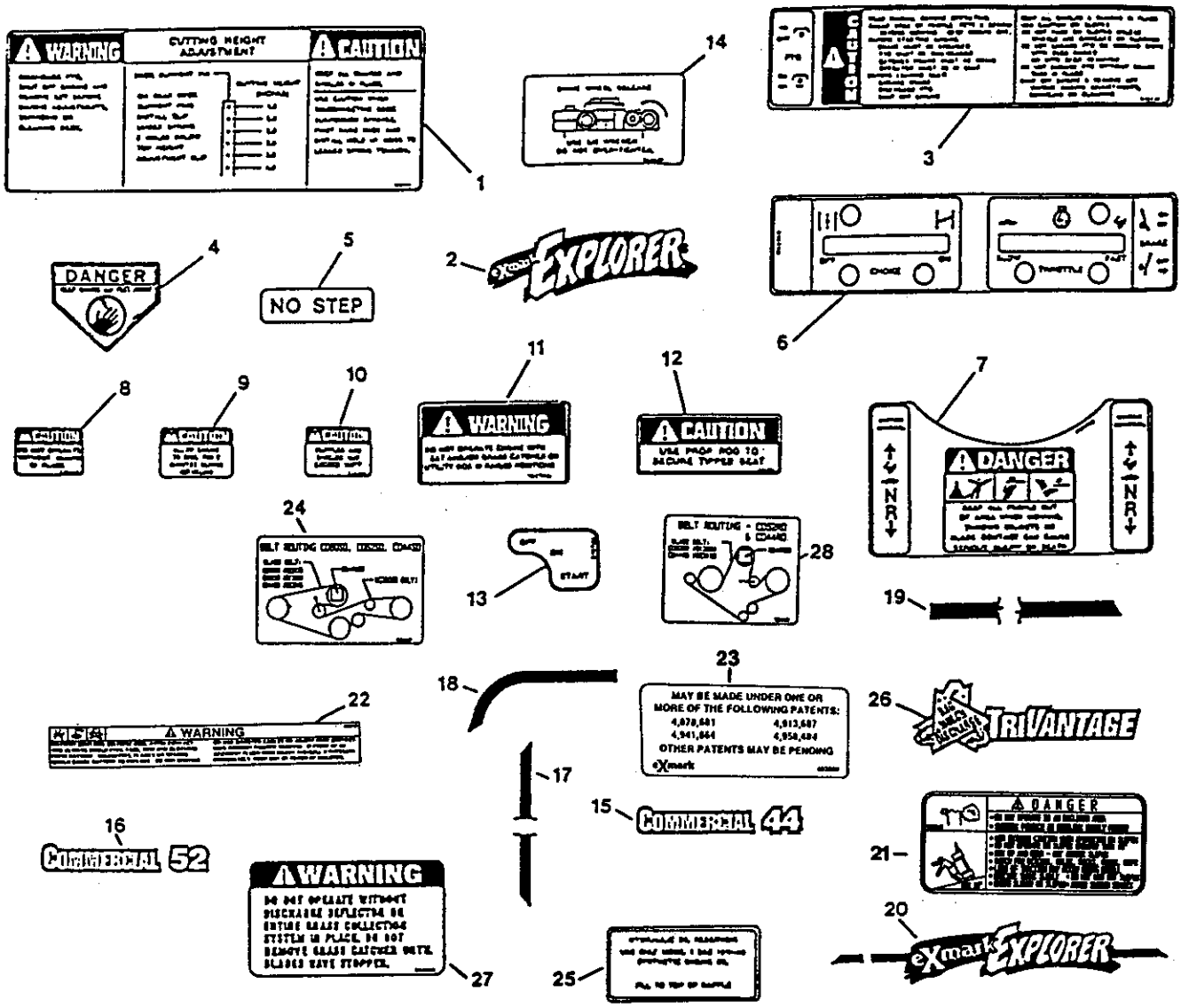
BLOWER PRIMARY and SECONDARY TRANSFER GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	522337	Panel, rear	1
2	522334	Panel, front	1
3	522371	Impeller (balanced)	1
4	807014	Key, woodruff 1/4 x 7/8 #807	4
5	808502	Ring, retaining	4
6	513016	Bearing (flat O.D. w/o clr.)	4
7	513089	Sheave, blower	1
8	373034	Washer, swivel	2
9	303327	Washer, 3/8 disc spring	1
10	800292	Screw, 3/8-16 x 1	1
11	800285	Screw, 5/16-18 x 5	5
12	800286	Screw, 5/16-18 x 6	3
13	800271	Screw, 5/16-18 x 3/4	8
14	303334	Washer, disc spring 5/16	4
15	322110	Belt guide	4
16	805005	Washer, lock 5/16	1
17	809001	Nut, whizlock 5/16-18	31
18	513110	Spacer, 5/16 x 4	5
19	512082	Pivot (transfer)	1
20	808511	Ring, retaining	1
21	513588	Bearing, DU	4
22	512120	Control, transfer sheave	1
23	805258	Washer, 5/16	1
24	512727	Control assy (trnsfr. shv.)	1
25	513028	Spacer, transfer bearing	1
26	513092	Sheave, transfer	1
27	512591	Sheave sub assy (transfer)	1
28	513689	O" Ring, .799 x .103	2
29	808521	Ring retaining	2
30	512096	Plate, transfer sheave	1
31	513564	Swivel, Belt tensioner	1
32	805263	Washer, 1/2	1
33	806762	Pin, cotter 1/8 x 1	4
34	512570	Swing arm	1
35	800032	Bolt, tap 3/8-16 x 3	1
36	513113	Spring, belt tension	2
37	811006	Zerk, 1/4-28	2
38	523413	V-Belt "B", sz 43 (PRI.)	1
39	513037	V-Belt "B", sz 41.5 (SEC.)	1
40	513540	Rod, PTO (lower)	1
41	806761	Pin, cotter 1/8 x 3/4	5
42	804761	Nut, jam 5/16-18 (LH)	1
43	513705	Body, turn buckle	1
44	513703	Rod, PTO (lower LH)	1
45	513034	Bearing, DU	4
46	512261	Bell crank, PTO	2
47	805267	Washer 5/8	4
48	513586	Rod, PTO (middle)	1
49	513530	Rod, PTO (upper)	1
50	512241	Handle, PTO	1
51	303020	Grip, brake handle	1
52	513059	Sheave, 5.5 O.D. "B"	1
53◊	803022	Set screw, 5/16-18 x 5/8	2
54	807506	Bolt, carriage 5/16-18 x 1	6
55	807503	Bolt, carriage 5/16-18 x 3/4	3
56	523414	Sheave, 6.5 " "B"	1
57	513020	Shaft, pump drive	1
58	800257	Screw, 1/4-20 x 1-3/4	4
59	805004	Washer, lock 1/4	4
60◊	803313	Set screw, 5/16-18 x 5/8	4
61	513210	Pulley, positive drive	1
62	807272	Key, 5mm Sq. x 25mm	2
63	513079	Belt, drive (positive)	1
64	513221	Flange, pulley	2
65	809012	Nut, whizlock 1/4-20	4
66	513209	Pulley, drive (positive)	1
67	513195	Tube, half (PTO shaft)	1
68◊	803049	Set screw, 3/8-16 x 3/4	4
69	513013	Housing, flange	6
70	513012	Bearing (w/lck clr & stscrw)	3
71	523331	Jackshaft, PTO	1
72	512707	Bell crank sub assy	2
73	512706	Handle, PTO sub assy	1
74	522343	Support, bell crank	1
75	800276	Screw, 5/16-18 x 1 3/4	2
76	800280	Screw, 5/16-18 x 5 1/2	1
77	523352	Standoff, bearing	6
78	523158	U-joint repair kit	1

◊ Use Pro-lock, nut type (Part No. 840022, .5 ml tube) on set screws.

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DECALS

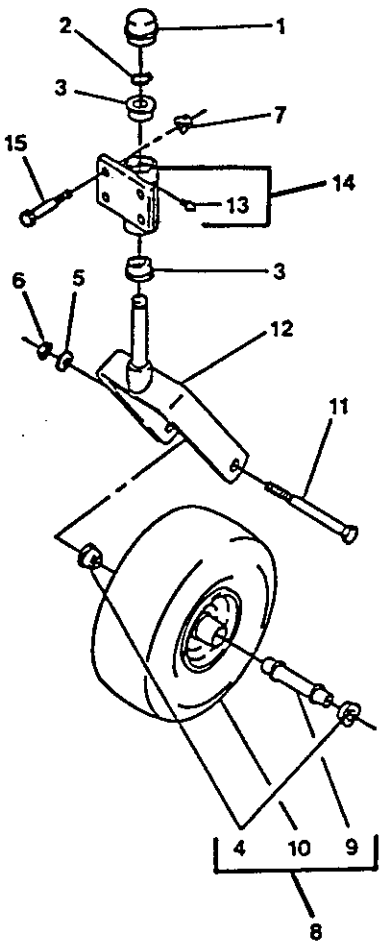


Ref. No.	Part No.	Description	Qty. Req'd.
1	513741	Deck Decal (44")	1
	513900	Deck Decal (52")	1
2	523376	Decal, "Swash"	2
3	513737	RH Fender Decal	1
4	403005	Deck Danger Decal	2
5	513742	No Step Decal	2
6	513736	LH Fender Decal	1
7	513738	Console Decal	1
8	513748	Guard Decal	2
9	303293	2 Minute Warning Decal	2
10	513746	Muffler Decal	2
11	513745	Engine Warning Decal	2
12	513744	Seat Prop Decal	1
13	513739	Ignition Decal	1
14	513929	Drive Release Decal	1
15	523417	Decal, Commercial 44"	1
16	403132	Decal, Commercial 52"	1

Ref. No.	Part No.	Description	Qty. Req'd.
17	523384	Catcher Stripe Decal	2
18	523382	Corner Stripe Decal LH	1
*	523383	Corner Stripe Decal RH	1
19	523380	LH Catcher Top Decal	1
*	523381	RH Catcher Top Decal	1
20	523378	RH Fender Stripe	1
*	523377	LH Fender Stripe	1
21	523540	Decal, Danger	1
22	513747	Battery Decal	1
23	403080	Patent Decal	1
24	523324	Decal, blt rtng (SD decks)	1
25	513890	Decal, Hyd. Tank	1
26	303520	Decal, Tri-Vantage	1
27	303508	Discharge Warning Decal	1
28	523322	Decal, blt rtng (RD decks)	1

* Not Illustrated.

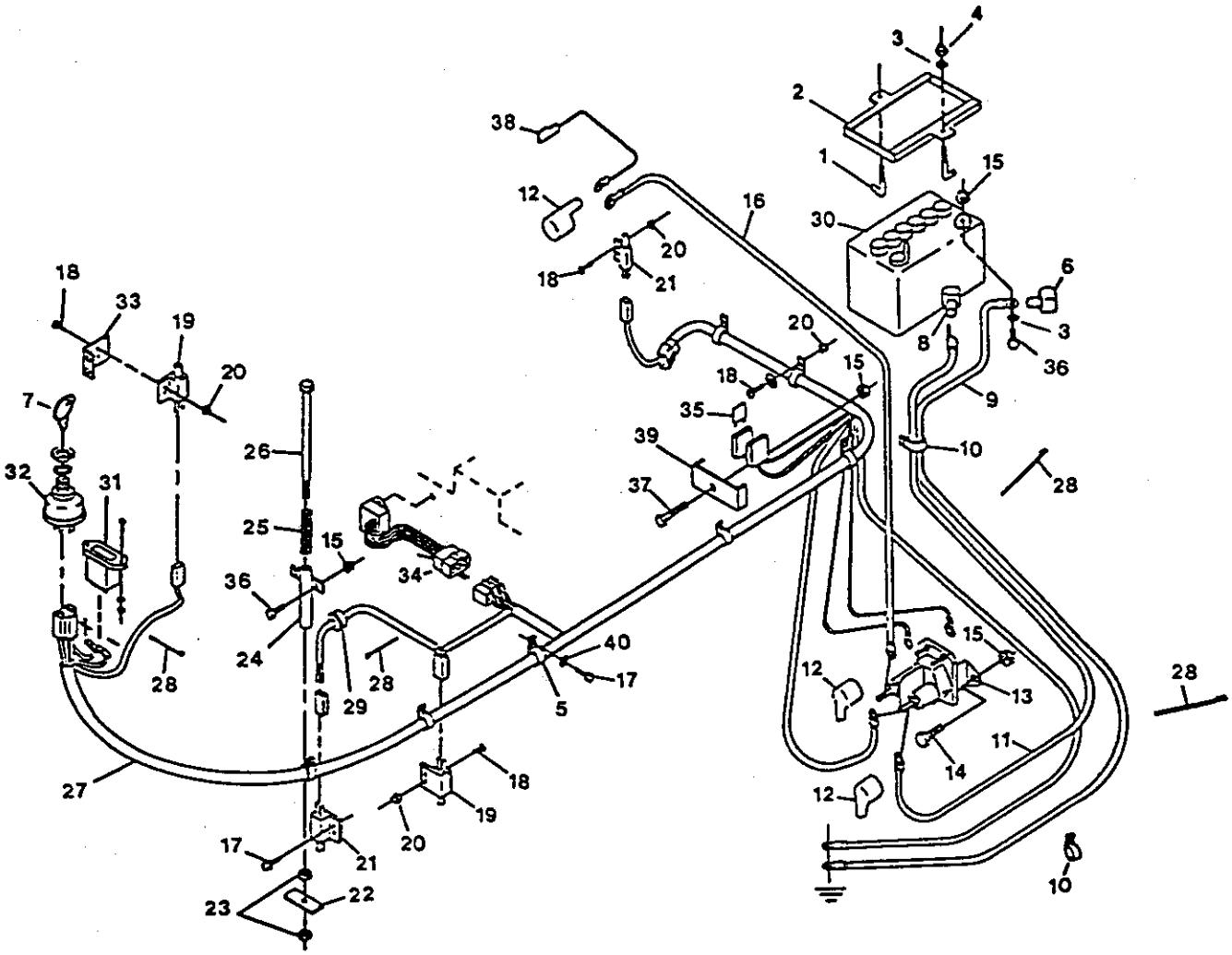
CASTER WHEEL



Ref. No.	Part No.	Description	Qty. Req'd.
1	513649	Cap, grease	1
2	808508	Ring, rtng	1
3	513104	Bearing, ball	2
4	513009	Bearing, whl	2
5	805008	Washer, 1/2	1
6	804509	Nut, 1/2-13	1
7	809007	Nut, 3/8-16	4
8	522036	Caster wheel assy	1
9	522011	Spacer wldmnt, wheel	1
10	523007	Whl & tire assy, 13 x 6.50-6	1
	523008	Wheel	1
	523009	Tire, 13 x6.50-6	1
11	800335	Screw, 1/2-13 x 9	1
12	522016	Caster wldmnt	1
13	811006	Zerk, 1/4-28 (straight)	1
14	522006	Mount, caster w/zerk	1
15	800298	Screw, 3/8-16 x 2-1/2	4

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Exmark red touch up spray paint - P/N 850337

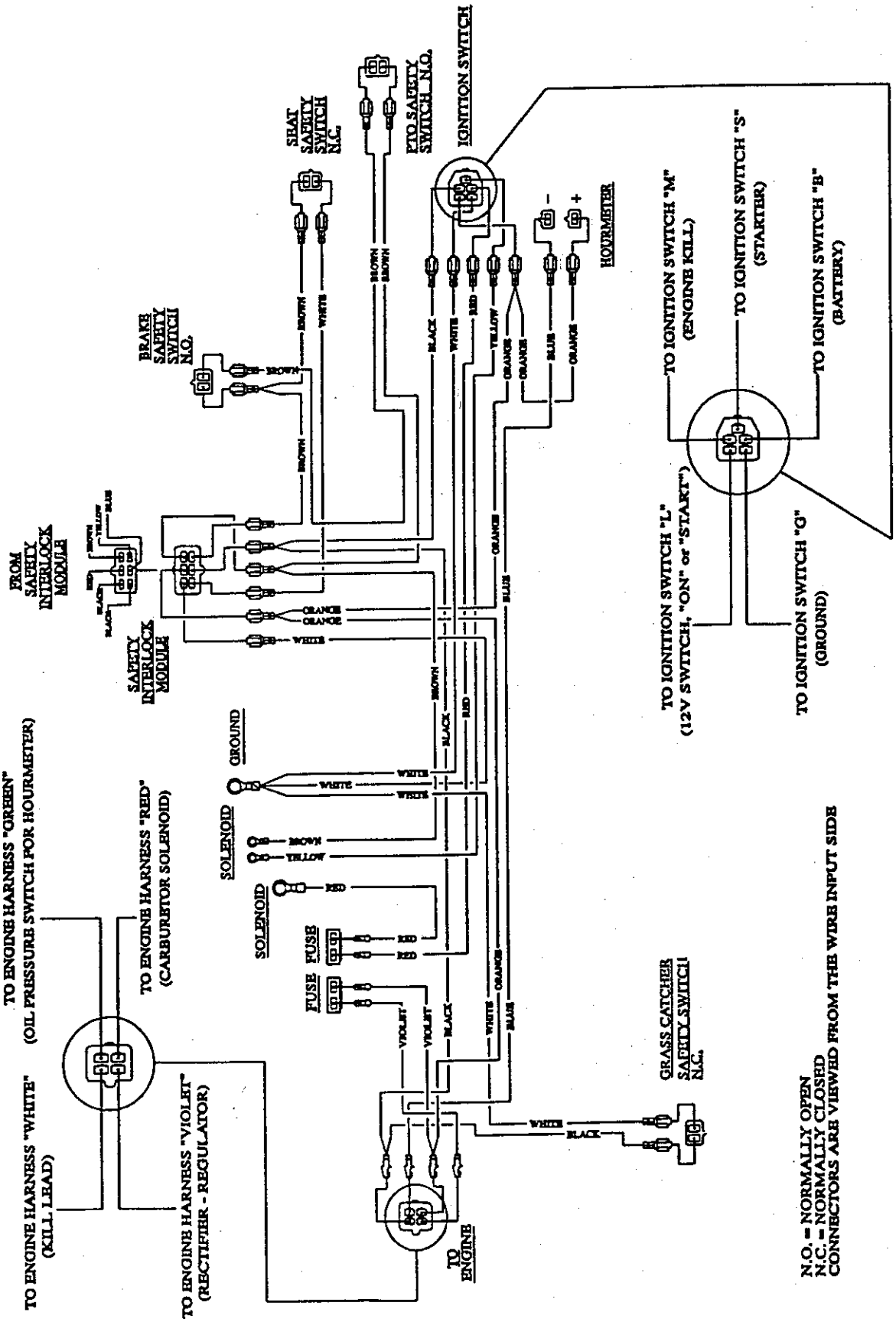
ELECTRICAL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	513370	Bolt, hold down	2
2	512320	Hold down, battery	1
3	805256	Washer, 1/4	4
4	804255	Nut, nylock 1/4-20	2
5	603727	Clip, .56 loom	7
6	543390	Insulator, battery (-)	1
7	603511	Key, ignition	1
8	543391	Insulator, battery (+)	1
9	523282	Wire, battery (-) to eng. blck	1
10	513762	Clip, .50 loom	2
11	523279	Wire, battery (+) to sol. sw	1
12	543393	Insulator, solenoid	3
13	513075	Switch, 12V solenoid	1
14	800251	Screw, 1/4-20 x 5/8	2
15	809012	Nut, whizlock 1/4-20	6
16	523281	Wire, sol. sw. to starter	1
17	802002	Screw, slf. tap #10-32 x 1/2	7
18	803028	Screw, #10-24 x 5/8	9
19	513051	Switch, N.O.	2
20	804252	Nut, #10-24 nylock	9
21	513152	Switch, N.C.	2
22	513180	Actuator, seat switch	1
23	809001	Nut, whizlock 5/16-18	2
24	522424	Mount, spring (seat)	1
25	523415	Spring, seat switch	1
26	800282	Screw, 5/16-18 x 7 Gr.5	1
27	523426	Harness, wire	1
28	303287	Tie, plastic (small)	4
29	513765	Grommet, .38 hole	1
30	513002	Battery, 12 Volt	1
31	513374	Meter, engine hours	1
32	543070	Switch, ignition	1
33	513534	Bracket, PTO switch mount	1
34	543316	Module, safety interlock	1
35	816001	Fuse, blade type 20 AMP	2
36	800252	Screw, 1/4-20 x 3/4	4
37	800256	Screw, 1/4-20 x 1-1/2	1
38	543084	Wire, starter solenoid	1
39	603434	Clip, fuse block	1
40	805254	Washer, #12	7

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ELECTRICAL DIAGRAMS



SERVICE RECORD

Date	Description of Work Done	Service Done By

NOTES

SEE EXMARK'S COMPLETE LINE OF PRODUCTS FOR TURF CARE

LAZER Z

EXPLORER

TURF RANGER

TURF TRACER HYDRO

TURF TRACER HP

VIKING 5-SPEED

VIKING HYDRO

METRO

SELF STEERING SULKY

GRASS CATCHER

MICRO-MULCHING ACCESSORY

EXMARK MFG. CO. INC.
INDUSTRIAL PARK BOX 808
BEATRICE, NE. 68310

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