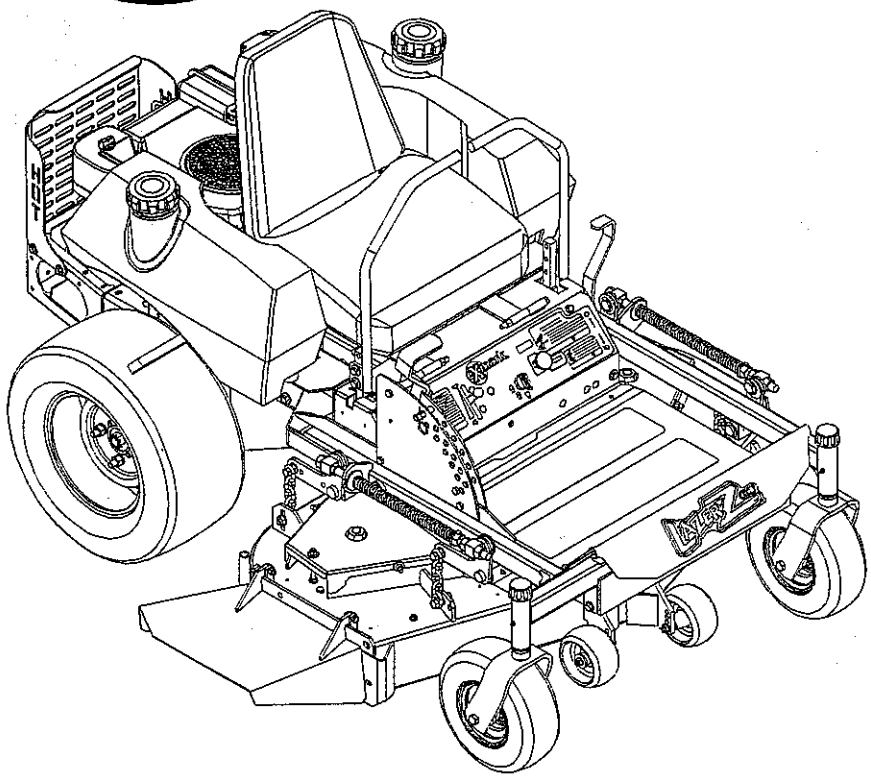
For Serial Nos. 370,000 & Higher

eXmark® MFG. CO. INC.



PARTS MANUAL

LAZER Z® CT

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

Place Model No. and Serial No. Label Here
(Included in Literature Pack)
or Fill in Below

Model No. _____

Serial No. _____

Engine Model No. and Spec. No. (Code) _____

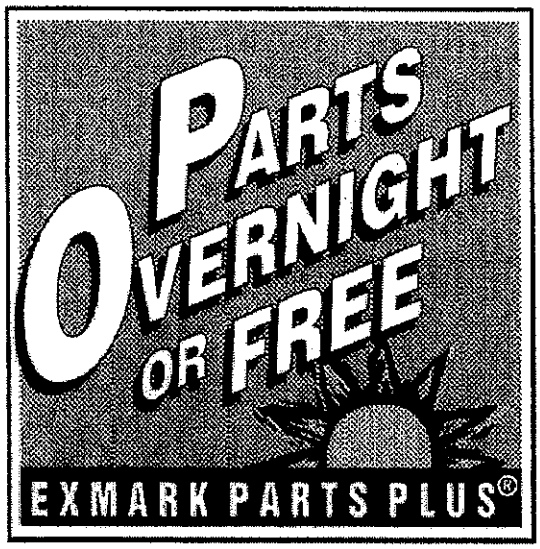
Engine Serial No. (E/No) _____

Date Purchased _____

Part No. 103-4114

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 contiguous 48 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.

TABLE OF CONTENTS

Description	Page
44" and 48" Deck Group	3-4
Decal Group	13-14
Electrical Diagram	17
Electrical Group	16
Electrical Logic Schematic	18
Engine Group	15
Front Frame Group	5-6
Fuel Group	8
Hydraulic Group	11-12
Main Frame Group	7
Motion Control Levers	10
Park Brake Group	9

44" and 48" DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	3296-29	Nut, nyloc 5/16-18	8
2	3256-3	Washer, 5/16 std flat	6
3	103-2970-01	Shield, belt	2
4	32128-20	Nut, whizlock 5/16-18	4
5	1-800017	Bolt, 5/16 x 3 1/4 tap	2
6	3290-357	Nut, whizlock 3/8-16	9
7	3256-24	Washer, 3/8 SAE flat	2
8	1-613098	Pulley, Idler	2
9	1-413113	Bushing, Idler	2
10	323-11	Screw, 3/8-19 x 2 1/4	1
11	323-6	Screw, 3/8-16 x 1	1
12	98-5975	Washer, disc spring 3/8	8
13	1-653189	Plate, Belt guide	1
14	1-653190	Spacer	1
15	1-413099	Pulley, Idler	1
16	1-413308	Belt, deck drive (48")	1
	1-413093	Belt, deck drive (44")	1
17	3296-39	Nut, nyloc 3/8-16	21
18	1-809107	Washer, 3/8 std flat	2
19	1-513034	Bearing, pivot	2
20	103-3330	Spring, extension	1
21	321-1	Screw, 1/4-20 x 3/8 (48")	1
	321-1	Screw, 1/4-20 x 3/8 (44")	2
22	1-652192-01	Idler arm wldmt	1
	1-654193	Idler arm wldmt w/bushings	1
23	1-603384	Bushing, idler pivot	1
24	1-800811	Screw, 7/16-14 x 1 1/2	8
25	32128-37	Nut, whizlock 7/16-14	16
26	1-633447	Chain, deck lift	4
27	103-4382	Deck wldmt (103-3846-01) w/decals (48")	1
	103-4667	Deck wldmt (103-4148-01) w/decals (44")	1
28	1-800805	Screw, 3/8-16 x 3 1/2 Gr 8	1
29	323-13	Screw, 3/8-16 x 2 3/4	2
30	32128-33	Nut, whizlock 1/4-20 (48")	1
	32128-33	Nut, whizlock 1/4-20 (44")	2
31	103-3900	Spacer, Strut	4
32	322-2	Screw, 5/16-18 x 5/8	2
33	99-2842	Spacer	3
34	103-1026	Screw, 5/8-11 x 1	3
35*	1-603299	Roller, anti-scalp	3
36	1-373034	Washer, swivel	3
37	322-5	Screw, 5/16-18 x 1	2
38	1-402106-01	Chute wldmt, discharge	1
39	323-10	Screw, 3/8-16 x 2	2
40	63-8410	Washer	4
41	103-2547		A
42	103-3207	Cutter Housing Complete (48)	3
	103-4666	Cutter Housing Complete (44)	3
43✚	103-2788	Spindle	3
44	103-2535	Spacer, Guard Bottom	3
45	32120-8	Ring, Snap	3
46	1-522480-01	Baffle, discharge	1
47✚	103-2477		B
48	1-323532	Housing, Bearing	3
49▲	103-4668	Deck complete service (44")	1
	103-4366	Deck complete service (48")	1
50	3217-46	Nut, 3/4-16 heavy	3
51	103-2802	Washer, disc spring 3/4	3
52✚	1-653099	Sheave, blade drive (44")	3
✚	1-413424	Sheave, blade drive (48")	3
53	323-7	Screw, 3/8-16 x 1 1/4	18
54✚	103-1330	Guard, bearing top	3
55	103-2534	Spacer, bearing	3
56	1-807268	Key, machine	3
57	1-513208	Washer, disc spring 5/8	3
58	103-2529	Blade, notched (44")	3
	103-2509	Blade, low lift (44")	3
□	103-2519	Blade, mulching (44")	3
	103-1579	Blade, solid (44")	3
	103-2527	Blade, notched (48")	3
	103-2507	Blade, low lift (48")	3
□	103-2517	Blade, mulching (48")	3
	103-1577	Blade, solid (48")	3

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

□ Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK443(44"), MK483(48")

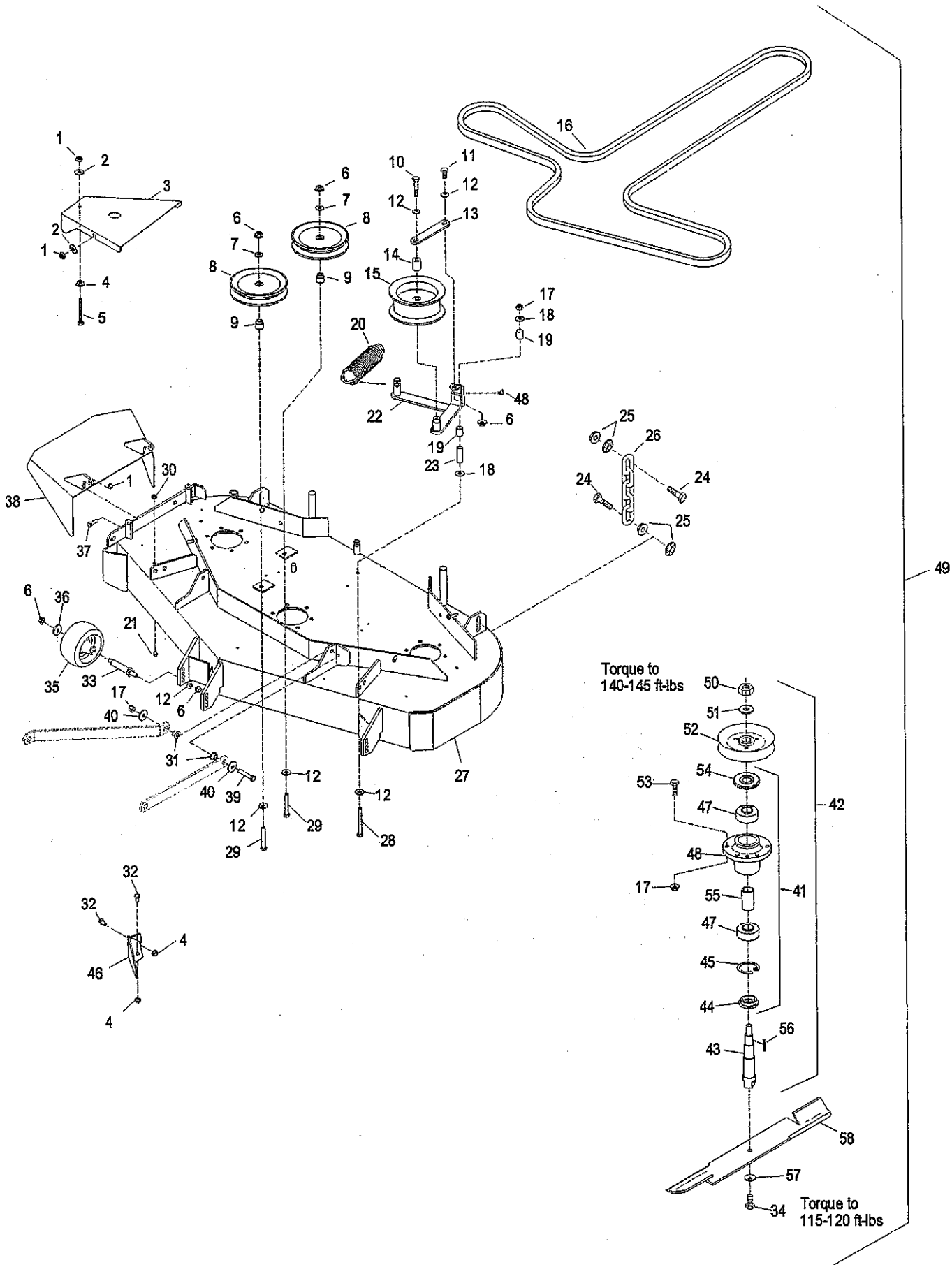
✚ Apply Mobil HTS grease (or a food-grade anti-sieze) between the spindles & bearings and spindles & sheaves and under top bearing guard. DO NOT use a copper or nickel based anti-sieze.

* Kit 103-4051 includes antiscalp roller, bushing, and mounting hardware.

♦ Complete cutter housings also include items 58 & 34.

▲ Struts are not included in complete service deck, item 49

44" and 48" DECK GROUP



FRONT FRAME GROUP

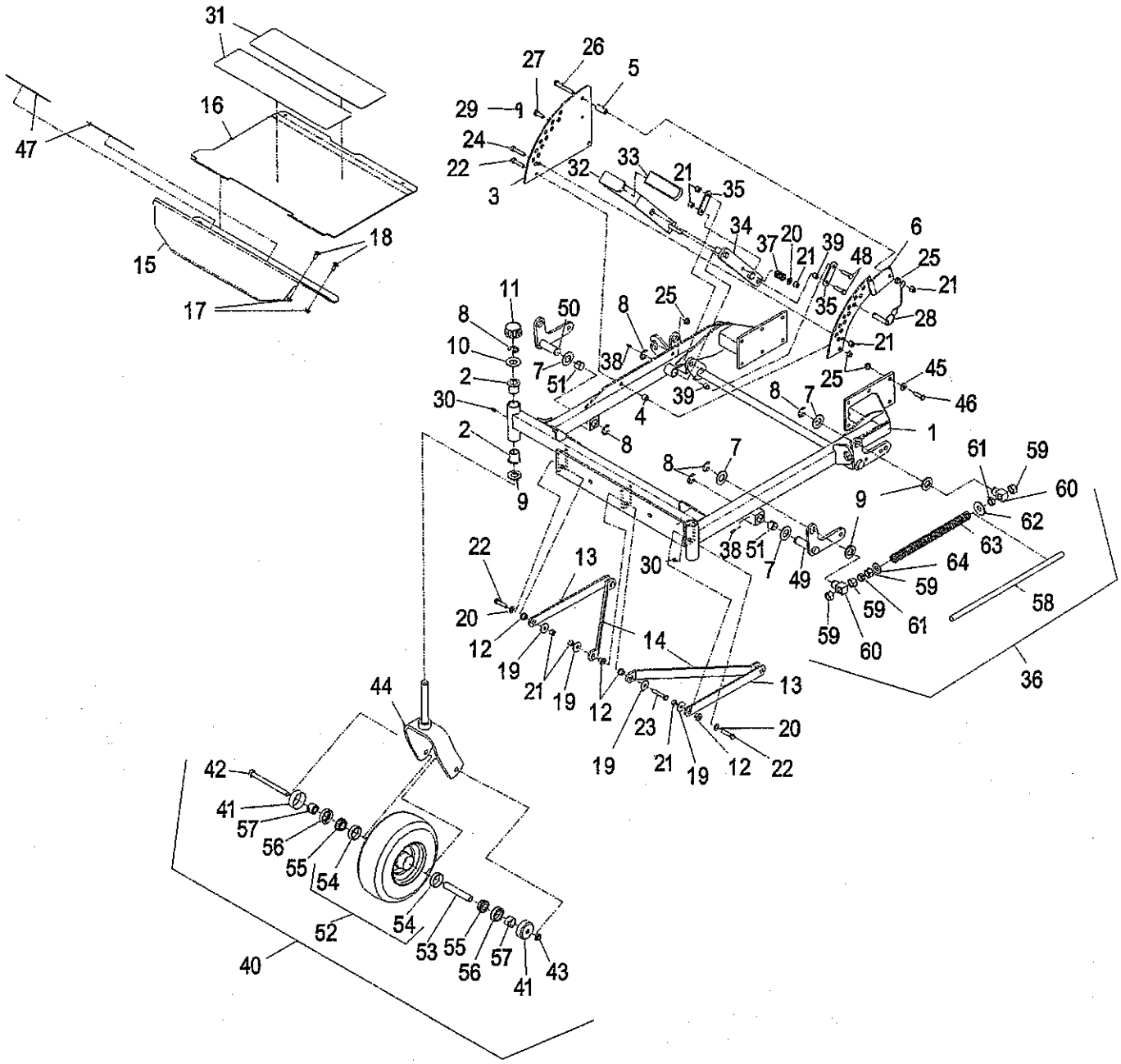
Ref No.	Part Number	Description	Qty
1*	103-4338-01	Asm, Front Frame	1
2	1-303514	Bearing, Flanged	4
3	1-653230-01	Plate, Lift Deck	1
4	1-413088	Bushing, Lift Lever	1
5	1-633082	Bushing, Lift Lever	1
6	1-652235-01	Plate, Deck Lift	1
7	3256-29	Washer, Flat	6
8	32151-103	Ring, Snap	9
9	1-513338	Washer, Flat	6
10	104-8076	Washer	2
11	61-9780	Cap, Hub	2
12	103-3900	Spacer, Strut	4
13	103-3898-01	Flat, Strut	2
14	103-3899-01	Flat, Strut Angle	2
15	103-4135-01	Asm, Floorpan (103-4033-01).. w/decals & pads	1
16	103-4316	Asm, Floorpan (103-4034-01) w/decals & pads	1
17	32128-20	Nut, Whizlock 5/16-18	4
18	3230-1	Bolt, Carriage 5/16-18 x 3/4	4
19	63-8410	Washer	4
20	3256-24	Washer, Flat	3
21	3296-39	Nut, Nyloc 3/8-16	8
22	323-8	Screw, Hex 3/8-16 x 1 1/2	3
23	323-10	Screw, Hex 3/8-16 x 2	1
24	323-9	Screw, Hex 3/8-16 x 1 3/4	1
25	3290-357	Nut, Whizlock 3/8-16	15
26	323-13	Screw, Hex 3/8-16 x 2 3/4	1
27	323-6	Screw, Hex 3/8-16 x 1	1
28	1-633097	Pin, Hitch w/lanyard	1
29	1-806005	Hairpin, Cotter (Service Only)	1
30	302-5	Fitting, Grease 1/4-28 x .55	2
31	1-633553	Pad, Antiskid	2
32	103-2081	Asm, Lift Lever w/ Grip	1
33	1-633295	Grip, Lift Lever	1
34	103-3718-03	Wld, Deck Lift Arm	1
35	1-633068	Arm, Deck Lift	2
36	103-1987	Asm, Front spring	2
37	1-633325	Spring-Compression	1
38	302-19	Fitting, Grease 1/4-28x.51	5
39	103-1918	Bushing	2
40	103-3800	Asm, Wheel & Brgs 11x4-5	2
41	103-2768	Guard, Seal	4
42	325-20	Screw, Hex 1/2-13 x 6	2
43	3296-45	Nut, Nyloc 1/2-13	2
44	103-3904-01	Wld, Caster Fork	2
45	98-5975	Washer, Belleville	12
46	323-7	Screw, Hex 3/8-16 x 1 1/4	12
47	106-6572	Pad, Anti Skid	2
48	323-29	Screw, Hex 3/8-16 x1 3/8	2
49	103-3902-01	Wld, Shaft LH	1
50	103-3903-01	Wld, Shaft Rh	1
51	103-1982	Bushing, Spring	4
52	103-3151	Asm, Wheel & Tire 11x4-5	2
53	103-3157	Axle, Caster	2
54	1-543508	Bearing, Cup Tapered Roller	4
55	1-633585	Bearing, Cone Tapered Roller	4
56	103-0063	Seal, Caster	4
57✚	103-3051	Spacer, Nut	4
58	1-653011	Rod, Deck Lift	2
59	3217-11	Nut, Hex 5/8-11	8
60	1-633441	Swivel, Deck Mount Rear	4
61	3218-6	Nut, Jam 5/8-11	4
62	1-805517	Washer, Flat 5/8	2
63	1-653009	Spring, Compression	2
64	3256-27	Washer, Flat	2

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

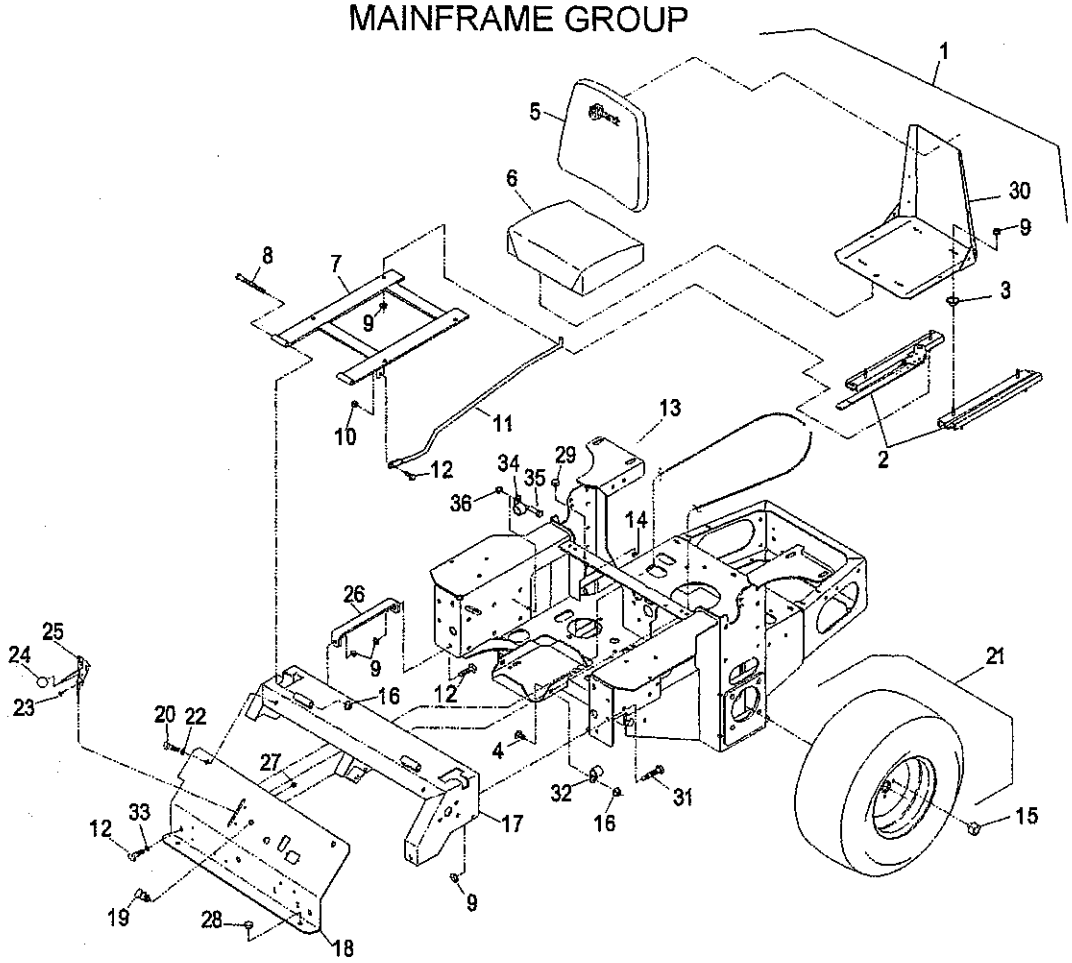
* Includes frame weldment plus items 49, 50. Does not include grease fittings items 30.

✚ Use Pro-Lock, Nut Type (P/N 840022, .5ml tube) on spacer nut item 57.

FRONT FRAME GROUP



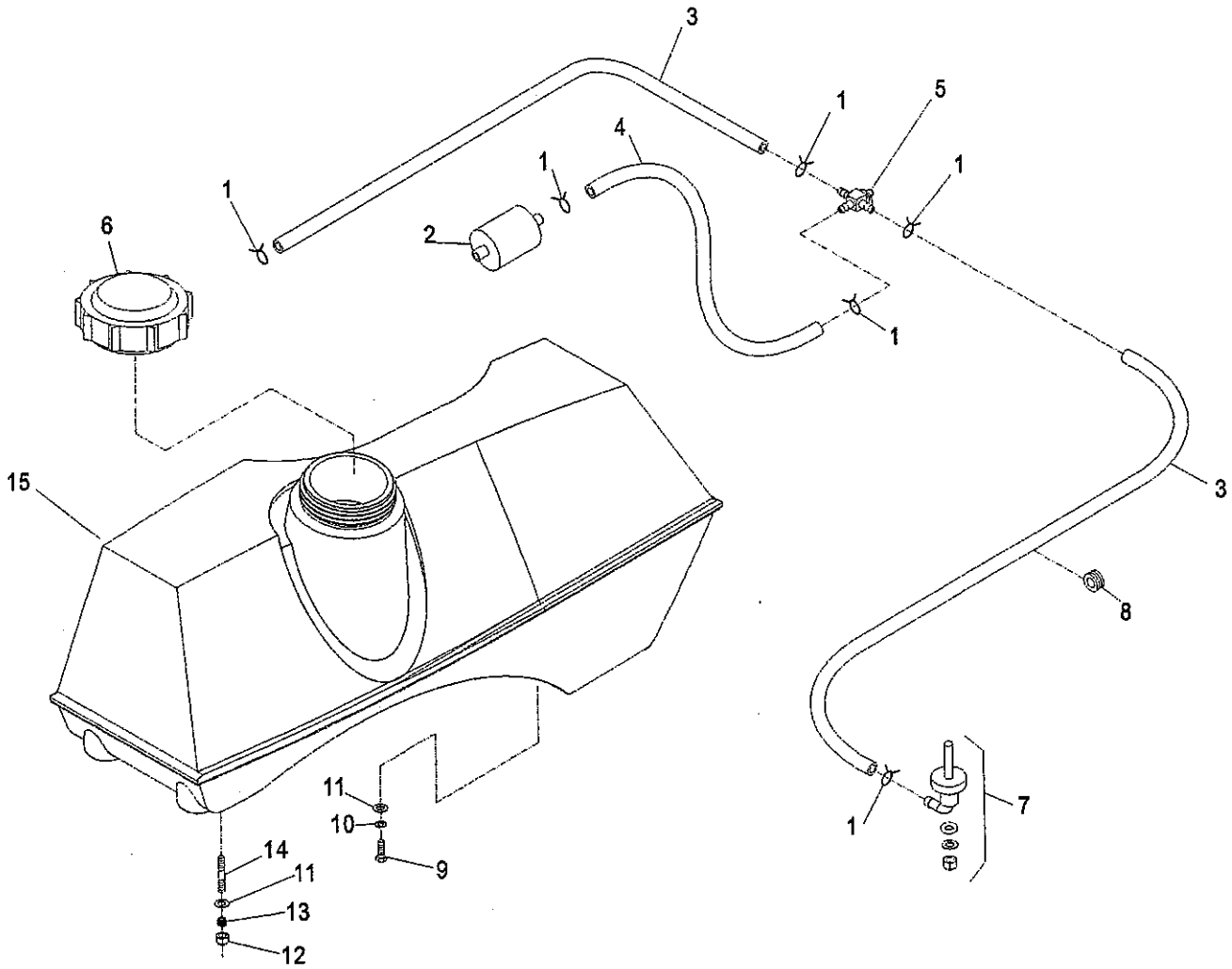
MAINFRAME GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	103-4394	Seat, Complete	1
2	1-643255	Track, Seat (4" adjust.)	1
3	1-543401	Spacer, Seat track	2
4	3231-22	Bolt, Carriage 3/8-16x1	1
5	103-0289	Cushion, backrest	1
6	103-0290	Cushion, seat	1
7	1-632187-03	Frame, seat mount	1
8	323-39	Screw, 3/8-16 x 5	2
9	32128-20	Nut, Whizlock 5/16-18	16
10	3296-29	Nut, Nyloc 5/16-18	1
11	103-1731	Rod, Seat Hold Up	1
12	322-5	Screw, Hex 5/16-18 x 1	3
13	103-4035-03	Wld, Mainframe	1
14	3296-42	Nut, Nyloc 1/4-20	2
15	242-50	Nut, Wheel 1/2-20	8
16	3296-39	Nut, Nyloc 3/8-16	3
17	103-3452	Asm,Console (103-2197-03) w/Decals	1
18	103-0724	Panel,Instrument (103-1194-03) w/Decals	1
19	103-4090	Control,Choke (push-pull)	1
20	322-3	Screw, 5/16 –18 x 3/4	3
21	103-3978	Asm, Wheel/Tire	2
	103-4269	Wheel	2
	103-4270	Tire, 20 x 10-10 4 ply	2
22	3256-23	Washer, Flat 5/16 SAE	2
23	1-807513	Bolt, Carriage #10-24 x 1/2	2
24	1-513592	Ball, Red Throttle Cable	1
25	103-4091	Control, Throttle	1
26	1-653089-03	Bracket, Instrument Panel	1
27	3296-2	Nut, Nyloc #10-24	2
28	1-513658	Bumper	2
29	1-523420	Bumper, Rubber	2
30	1-633859	Frame, Seat	1
31	322-2	Screw, Hex 5/16-18 x 5/8	6
32	1-603727	Clip, Loom	1
33	3256-3	Washer, Flat std 5/16	2
34	1-513762	Clip, Loom	1
35	321-3	Screw, Hex 1/4-20 x 5/8	1
36	32128-33	Nut, Whizlock 1/4-20	1

Exmark black touch up spray paint – gloss black

FUEL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	1-303077	Clamp, fuel line	6
2◆	**Kohler**	Part No. 2405002 Fuel filter	1
3	1-543526	Fuel line	2
4	103-4250	Fuel line	1
5	1-633347	Valve, fuel	1
6	103-2107	Cap, fuel tank	2
7▼	103-2605	Fitting,fuel bulkhead w/strainer	2
	103-2784	O-ring	2
8	1-543296	Grommet, fuel line	2

Ref. No.	Part No.	Description	Qty. Req'd.
9	322-3	Screw, 5/16-18 x 3/4	4
10	1-805005	Washer, lock 5/16	4
11	3256-23	Washer, 5/16 SAE	8
12	3296-47	Nut, nyloc 5/16-18	4
13	1-633349	Spring, fuel tank	4
14◊	1-633023	Stud, fuel tank	4
15*★	103-2122	Asm,tank fuel (LH)	1
★	103-2123	Asm,tank fuel (RH)	1

* Not Illustrated

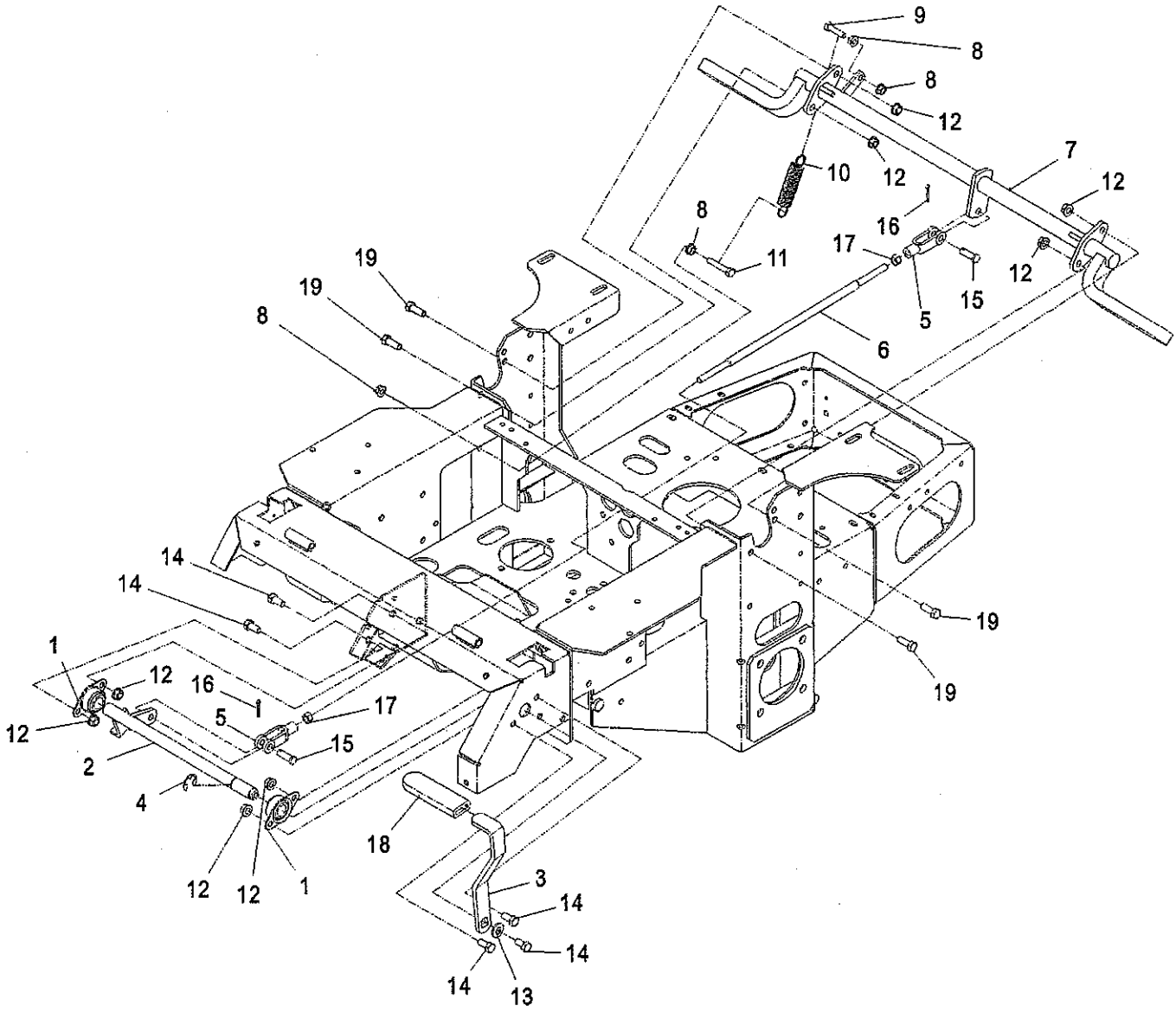
◊ Use Pro-Lock, Retaining Type (P/N 840023, .5ml tube) on stud threads going into tank.

◆ Refer to Engine Owner's Manual (Fuel filter **Must** be 15 Micron or smaller).

★ Includes tank, cap, fitting, and studs.

▼ Use Pro-Lock, Nut Type (P/N 840022, .5ml tube) on fuel fitting.

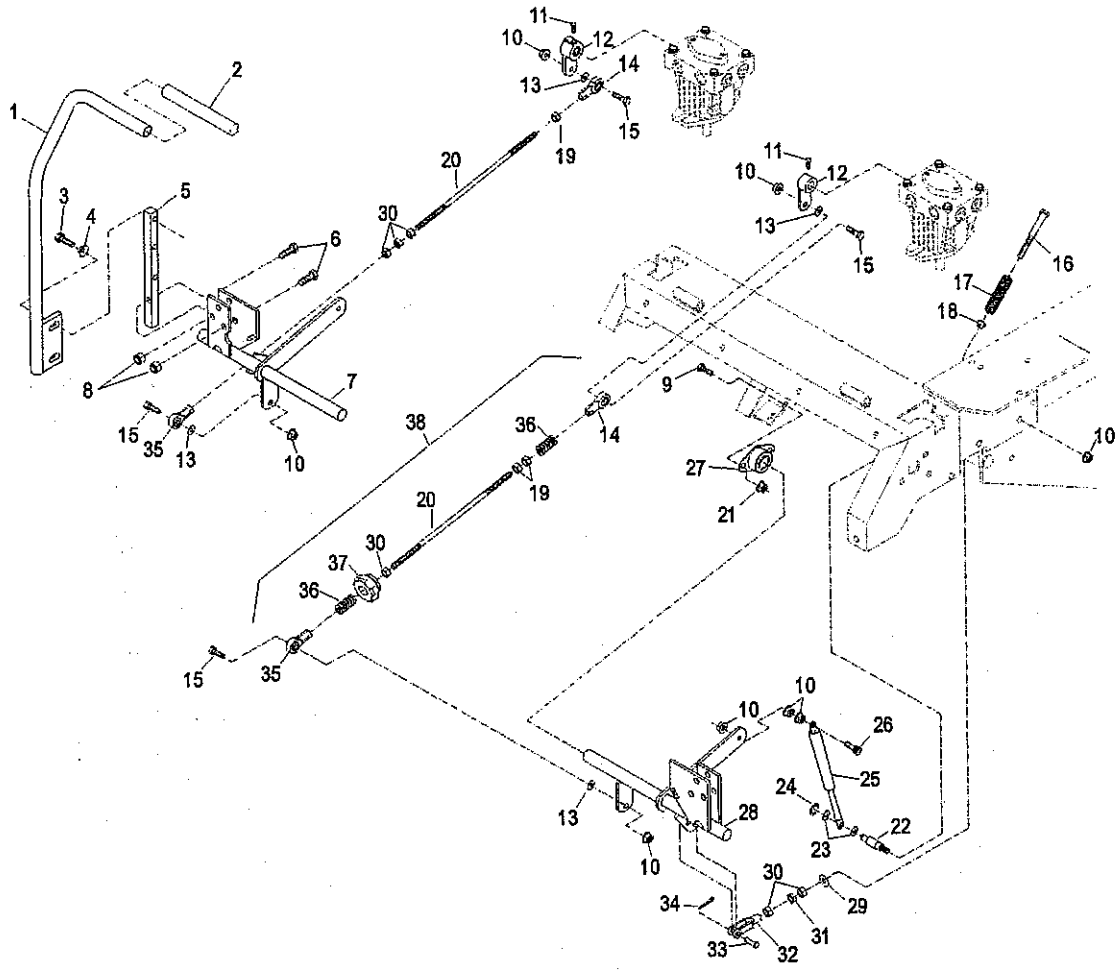
PARK BRAKE GROUP



Ref. No.	Part No.	Description	Qty. Req'd.
1	1-633102	Bearing, Side Flange	2
2	103-3116	Shaft, Park Brake	1
3	103-4630	Handle, Park brake (1-653074-03) w/grip	1
4	32151-48	E-ring	1
5	1-633131	Yoke, Brake Linkage	2
6	103-3907	Linkage, Brake Handle	1
7	103-3960-03	Wld, Brake	1
8	32128-20	Nut, Whizlock 5/16-18	4
9	322-6	Screw, Hex 5/16-18 x 1 1/4	1
10	1-323161	Spring, Idler	1
11	322-9	Screw, Hex 5/16-18 x 1 3/4	1
12	3290-357	Nut, Whizlock 3/8-16	8
13	98-5975	Washer, Belleville	1
14	323-4	Screw, Hex 3/8-16 x 3/4	5
15	1-808285	Pin, Clevis 3/8 x 1 1/8	2
16	3272-10	Pin, Cotter 1/8 x 3/4	2
17	3219-3	Nut, Hex 3/8-24	2
18	1-633268	Grip, Brake Lever	1
19	323-6	Screw, Hex 3/8-16 x 1	4

Exmark black touch up spray paint – gloss black

MOTION CONTROL GROUP



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	103-0632	Handle 103-0410-03 w/grip (RH)	1	20	103-3066	Link, pump control	2
*	103-0631	Handle 103-0409-03 w/grip (LH)	1	21	3290-357	Nut, whizlock 3/8-16	8
2	1-633257	Grip, motion cntrl handle	2	22	103-4101	Pin, Damper Anchor	2
3	323-6	Screw, 3/8-16 x 1	4	23	3256-23	Washer, 5/16 SAE	4
4	98-5975	Washer, disc spring 3/8	4	24	32120-35	E-ring	2
5	103-0407	Arm, control shaft	2	25	103-4079	Damper	2
6	323-9	Screw, 3/8-16 x 1 3/4	6	26	1-403180	Screw, 5/16-18x1¼ special	4
7	103-2200	Bracket, motion cntrl (RH)	1	27	1-633102	Bearing, flanged	4
8	3296-39	Nut, nyloc 3/8-16	6	28	103-2199	Bracket, motion control(LH)	1
9	323-4	Screw, 3/8-16 x 3/4	8	29	3256-2	Washer, 1/4	2
10	32128-20	Nut, whizlock 5/16-18	12	30	3219-2	Nut, 5/16-24	8
11♦	1-803022	Setscrew, 5/16 x 5/8	2	31	3220-2	Nut, jam 5/16-24	2
12	103-3717	Arm, pump control	2	32	1-303105	Yoke	2
13	3256-3	Washer, 5/16 std	4	33	1-808280	Pin, clevis 5/16 x 1	2
14	1-633152	Ball joint (LH)	2	34	3272-5	Pin, cotter 3/32 x 1/2	2
15	322-6	Screw, 5/16-18 x 1 1/4	4	35	1-543017	Ball joint (RH)	2
16	1-603737	Bolt, (neutral return)	2	36	1-323245	Spring, compression	2
17	1-603807	Spring, (neutral return)	2	37	103-3060	Knob, tracking	1
18	1-603735	Bushing,nylon(revrse ind.)	2	38	103-3063	Asm, tracking	1
19	1-804524	Nut, 5/16-24 (LH)	3				

Exmark black touch up spray paint – gloss black

* Not Illustrated

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

HYDRAULIC GROUP

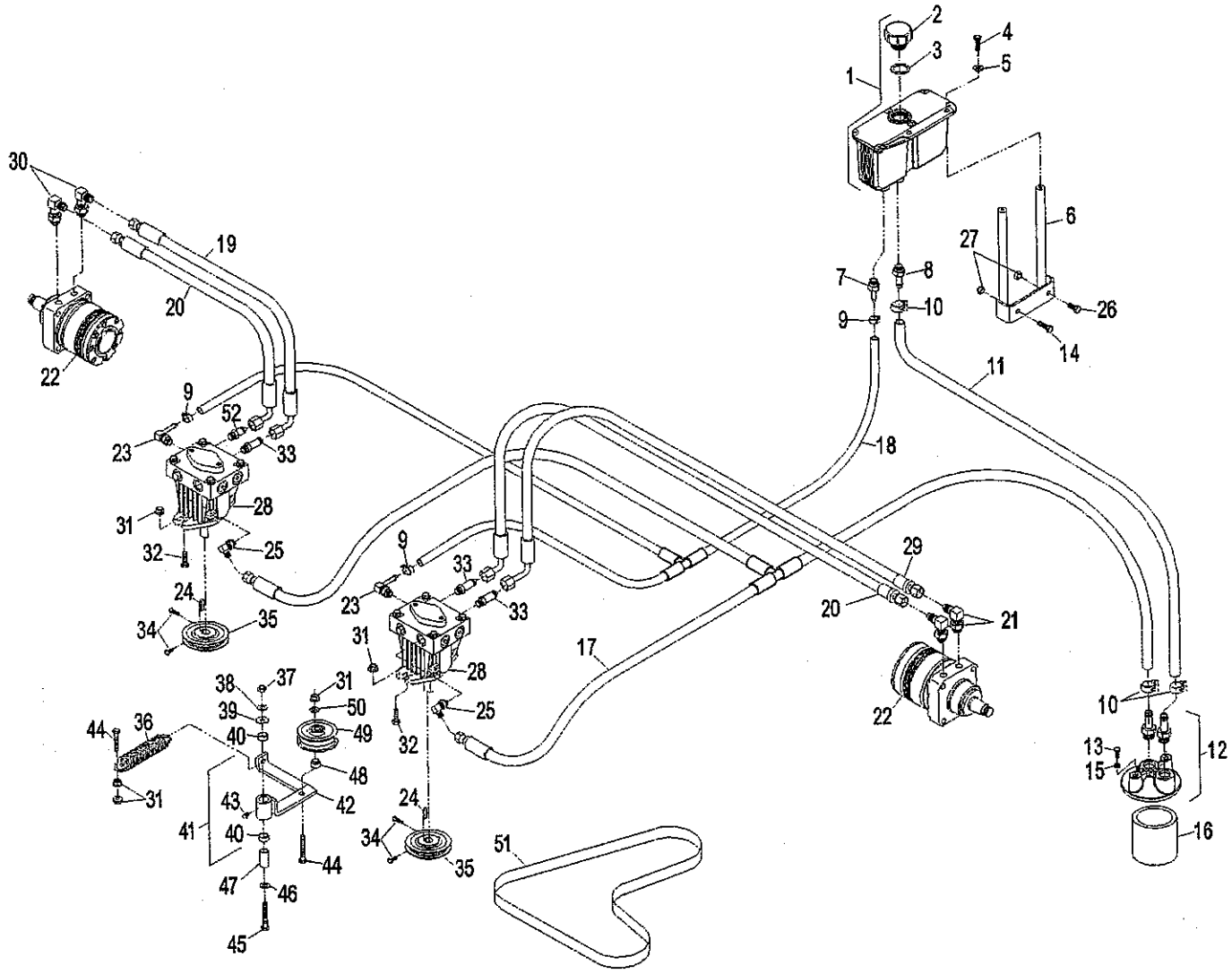
Ref. No.	Part No.	Description	Qty. Req'd.
1	103-1947	Asm, reservoir w/ decal	1
2	103-1948	Cap, hydraulic reservoir	1
3	103-1949	Gasket, reservoir cap	1
4	321-6	Screw, ¼-20 x 1.0	2
5	3256-22	Washer, flat SAE ¼	2
6	103-3071-03	Wld,reservoir stand	1
7	103-1801	Adapter, straight	1
	1-603921	Boss O-ring	1
8	103-1912	Adapter, straight	1
	1-603921	Boss O-ring	1
9	103-1716	Clamp, hose (17/32)	3
10	103-1988	Clamp, hose (11/16)	3
11	103-3077	Asm, supply hose	1
12	103-2889	Asm, filter head	1
	103-1912	Adapter, straight	2
	1-603921	O-ring	1
13	321-3	Screw, 1/4-20 x 5/8	2
14	322-5	Screw, 5/16-18 x 1	1
15	1-805004	Lockwasher	2
16	1-513211	Element, oil filter	1
∇	1-523541	Element, oil filter (winter)	1
17	103-2930	Asm, charge hose	1
18	103-2357	Asm, case drain hose	1
19	103-4021	Hose, RH rear	1
20	1-653187	Hose, RH front	1
21	1-633605	Elbow, 90° (LH wheel motor)	2
	1-603919	Boss O-ring	1
	1-603992	Flare O-ring	1
22	103-4008	Wheel motor	2
	1-000138	Kit, bearing	1
	1-000119	Kit, seal	1
23	103-1799	Elbow, 90°	2
	1-603921	Boss O-ring	1
24	1-807272	Key 5 x 5 x 25mm	2
25	103-1802	Elbow, 90°	2
	1-603921	Boss O-ring	1
26	322-3	Screw, 5/16-18 x .75	1
27	32128-20	Nut, 5/16-18 whizlock	2
28	103-4040	Pump, hydro	2
	103-2664	Kit,Input shaft 10A	1
	94-6922	Kit,Thrust bearing 10A	1
	103-2666	Kit,Cylinder block 10A	1
	105-6184	Kit,Overhaul seal	1
	103-4237	Kit,Shock Valve 2300PSI	1
29	103-4022	Hose, LH rear	2
30	1-633786	Elbow, 90° (RH wheel motor)	2
	1-603919	Boss O-ring	1
	1-603992	Flare O-ring	1
31	3290-357	Nut, whizlock 3/8-16	7
32	323-7	Screw, 3/8-16 x 1 ¼	4
33	103-1940	Adapter, straight long	3
	1-603920	Boss O-ring	1
	1-603992	Flare O-ring	1
34◊	1-803050	Setscrew, .312-18 x .75	4
35	1-653156	Sheave, pump drive 44" & 48"	2
36	103-1767	Spring, extension	1
37	3296-39	Nut, nyloc 3/8-16	1
38	98-5975	Washer, disc spring	1
39	63-8410	Washer, 7 Ga. x 1 ¼ O.D.	1
40	1-513034	Bearing	2
41	1-654143	Arm, idler w/ bearings	1
42	1-652142-03	Idler arm weldment	1
43	302-40	Zerk, 90° ¼-28	1
44	323-9	Screw, 3/8-16 x 1 ¾	2
45	323-13	Screw, 3/8-16 x 2 ¾	1
46	3256-4	Washer, 3/8 std flat	1
47	1-603044	Bushing, idler pivot	1
48	1-603496	Bushing, idler	1
49	1-603843	Pulley, idler	1
50	3256-24	Washer, 3/8 SAE flat	1
51	1-653163	Belt, pump	1
52	103-4020	Adapter, straight	1
	1-603920	Boss O-ring	1
	1-603992	Flare O-ring	1

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

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

◊ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on setscrews.

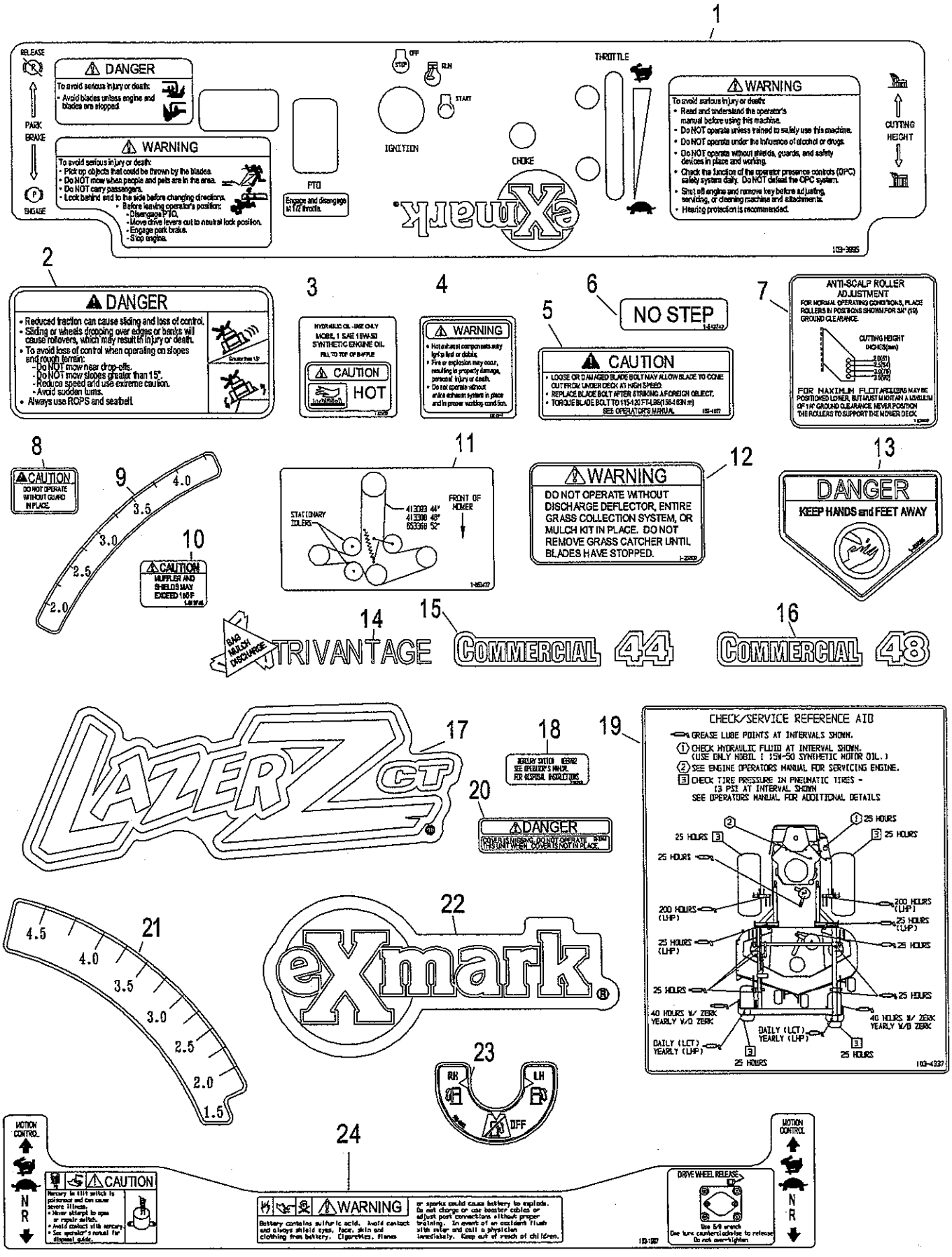
HYDRAULIC GROUP



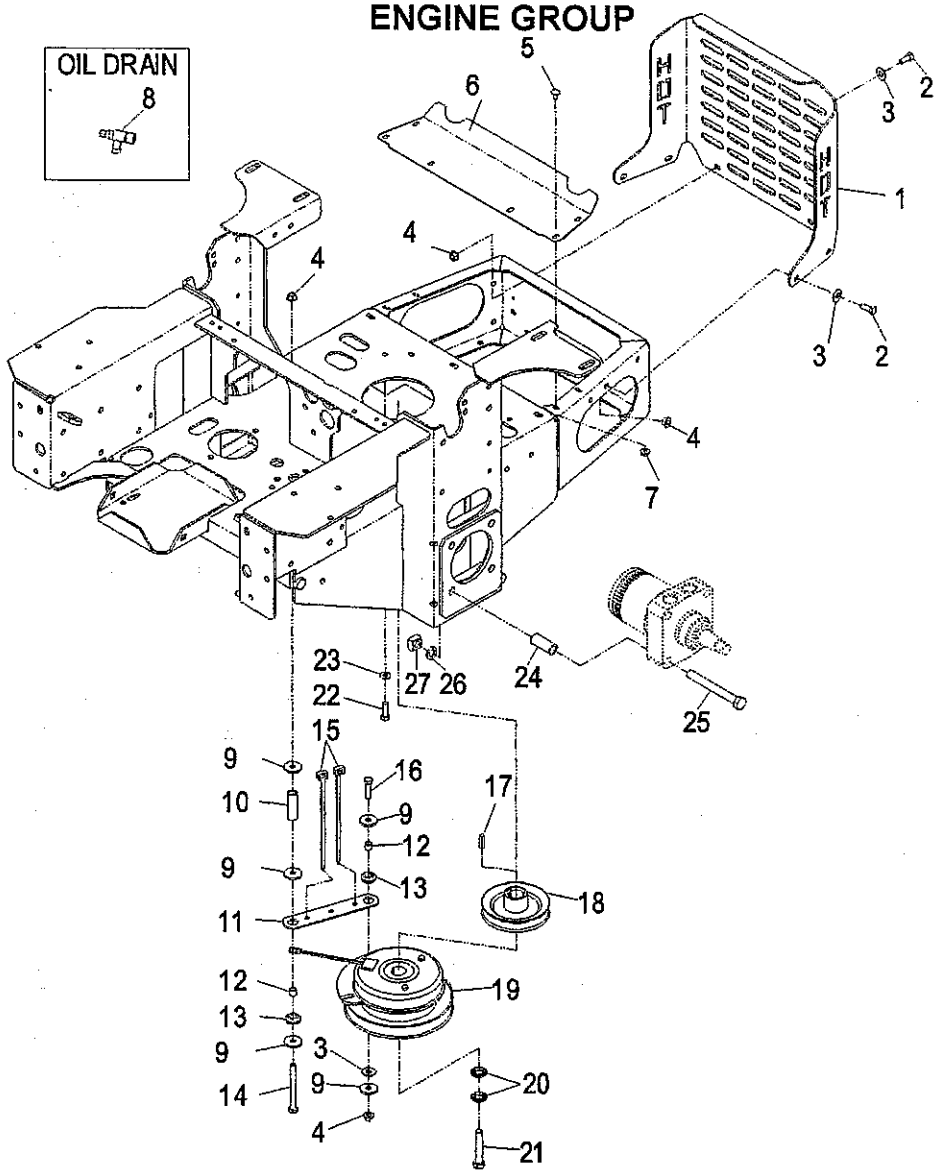
DECAL GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	103-3995	Decal, Console	1
2	106-6571	Decal, Danger Slope	1
3	1-523552	Decal, Hyd Tank/Hot Surface	1
4	103-2644	Decal, Exhaust system	1
5	103-1077	Decal, Bolt Torque	1
6	1-513742	Decal, No Step	2
7	1-633922	Decal, Anti-Scalp	1
8	1-513748	Decal, Guard	1
9	1-653147	Decal, Deck Height	1
10	1-513746	Decal, Muffler	1
11	1-653477	Decal, Belt Routing	1
12	1-303508	Decal, Discharge Warning	1
13	1-403005	Decal, Danger	2
14	1-303520	Decal, Trivantage	1
15	1-523417	Decal, Commercial 44	1
16	1-403131	Decal, Commercial 48	1
17	103-4112	Decal, LCT Model	1
18	1-643401	Decal, Mercury Switch	1
19	103-4337	Decal, Check Service	1
20	98-5954	Decal, Missing Cover	2
21	1-653140	Decal, Deck Height	1
22	103-2882	Decal, Exmark Logo	1
23	103-0262	Decal, Fuel Valve	1
24	103-1997	Decal, Top Console	1
	103-4381	Decal Kit	1

DECAL GROUP


1
RELEASE
PARK BRAKE
ENGAGE
DANGER
To avoid serious injury or death:
• Avoid blades unless engine and blades are stopped
WARNING
To avoid serious injury or death:
• Pick up objects that could be thrown by the blades.
• Do NOT mow when people and pets are in the area.
• Do NOT carry passengers.
• Look behind and to the side before changing directions.
• Before leaving operator's position:
- Disengage PTO.
- Move drive levers out to neutral lock position.
- Engage park brake.
- Stop engine.
PTO
Engage and disengage at 1/2 throttle.
OFF
STOP
RUN
START
IGNITION
CHOKE
THROTTLE
WARNING
To avoid serious injury or death:
• Read and understand the operator's manual before using this machine.
• Do NOT operate unless trained to safely use this machine.
• Do NOT operate under the influence of alcohol or drugs.
• Do NOT operate without shields, guards, and safety devices in place and working.
• Check the function of the operator presence controls (OPC) safety system daily. Do NOT defeat the OPC system.
• Shut off engine and remove key before adjusting, servicing, or cleaning machine and attachments.
• Hearing protection is recommended.
CUTTING HEIGHT
eXmark
103-3995
2
DANGER
• Reduced traction can cause sliding and loss of control.
• Sliding or wheels dropping over edges or banks will cause rollovers, which may result in injury or death.
• To avoid loss of control when operating on slopes and rough terrain:
- Do NOT mow near drop-offs.
- Do NOT mow slopes greater than 15°.
- Reduce speed and use extreme caution.
- Avoid sudden turns.
• Always use ROPS and seatbelt.
3
HYDRAULIC OIL - USE ONLY
MOBIL 1 SAE 15W-50 SYNTHETIC ENGINE OIL
FILL TO TOP OF BAFFLE
CAUTION
HOT
4
WARNING
• Hot exhaust components may ignite fuel or debris.
• Fire or explosion may occur, resulting in property damage, personal injury or death.
• Do not operate without entire exhaust system in place and in proper working condition.
5
CAUTION
• LOOSE OR DAMAGED BLADE BOLT MAY ALLOW BLADE TO COME OUT FROM UNDER DECK AT HIGH SPEED.
• REPLACE BLADE BOLT AFTER STRIKING A FOREIGN OBJECT.
• TORQUE BLADE BOLT TO 115-120 FT-LBS (156-163 N·m)
SEE OPERATOR'S MANUAL
6
NO STEP
7
ANTI-SCALP ROLLER ADJUSTMENT
FOR NORMAL OPERATING CONDITIONS, PLACE ROLLERS IN POSITIONS SHOWN FOR 3/4" (19) GROUND CLEARANCE.
CUTTING HEIGHT INCHES(mm)
2.0(51)
2.5(64)
3.0(76)
3.5(89)
FOR MAXIMUM FLOTATION MAY BE POSITIONED LOWER, BUT MUST MAINTAIN A MINIMUM OF 1/4" GROUND CLEARANCE. NEVER POSITION THE ROLLERS TO SUPPORT THE MOWER DECK.
8
CAUTION
DO NOT OPERATE WITHOUT GUARD IN PLACE.
9
4.0
3.5
3.0
2.5
2.0
10
CAUTION
MUFFLER AND SHIELDS MAY EXCEED 180°F
11
STATIONARY IDLERS
413393 44"
413396 48"
653368 52"
FRONT OF MOWER
12
WARNING
DO NOT OPERATE WITHOUT DISCHARGE DEFLECTOR, ENTIRE GRASS COLLECTION SYSTEM, OR MULCH KIT IN PLACE. DO NOT REMOVE GRASS CATCHER UNTIL BLADES HAVE STOPPED.
13
DANGER
KEEP HANDS and FEET AWAY
14
BAG MULCH DISCHARGE
TRIVANTAGE
15
COMMERCIAL 44
16
COMMERCIAL 48
17
LAZER Z XT
18
SEE OPERATOR'S MANUAL FOR REPEAT INSTRUCTIONS
19
CHECK/SERVICE REFERENCE AID
GREASE LUBE POINTS AT INTERVALS SHOWN.
1 CHECK HYDRAULIC FLUID AT INTERVAL SHOWN. (USE ONLY MOBIL 1 15W-50 SYNTHETIC MOTOR OIL.)
2 SEE ENGINE OPERATORS MANUAL FOR SERVICING ENGINE.
3 CHECK TIRE PRESSURE IN PNEUMATIC TIRES - 13 PSI AT INTERVAL SHOWN
SEE OPERATORS MANUAL FOR ADDITIONAL DETAILS
25 HOURS
200 HOURS (LHP)
40 HOURS W/ ZERK YEARLY W/O ZERK
DAILY (LCT) YEARLY (LHP)
103-4337
20
DANGER
COVER IS MISSING. DO NOT OPERATE THIS UNIT WHEN COVER IS NOT IN PLACE.
21
4.5
4.0
3.5
3.0
2.5
2.0
1.5
22
eXmark
23
RH
LH
OFF
24
MOTION CONTROL
N
R
CAUTION
Battery is lift switch is poisonous and can cause severe illness.
• Never attempt to open or repair switch.
• Avoid contact with mercury.
• See operator's manual for disposal guide.
WARNING
Battery contains sulfuric acid. Avoid contact and always shield eyes, face, skin and clothing from battery. Cigarettes, flames or sparks could cause battery to explode. Do not charge or use booster cables or adjust post connections without proper training. In event of an accident flush with water and call a physician immediately. Keep out of reach of children.
DRIVE WHEEL RELEASE
Use 5/8 wrench
See turn counterclockwise to release
Do not overtighten
103-1987

ENGINE GROUP

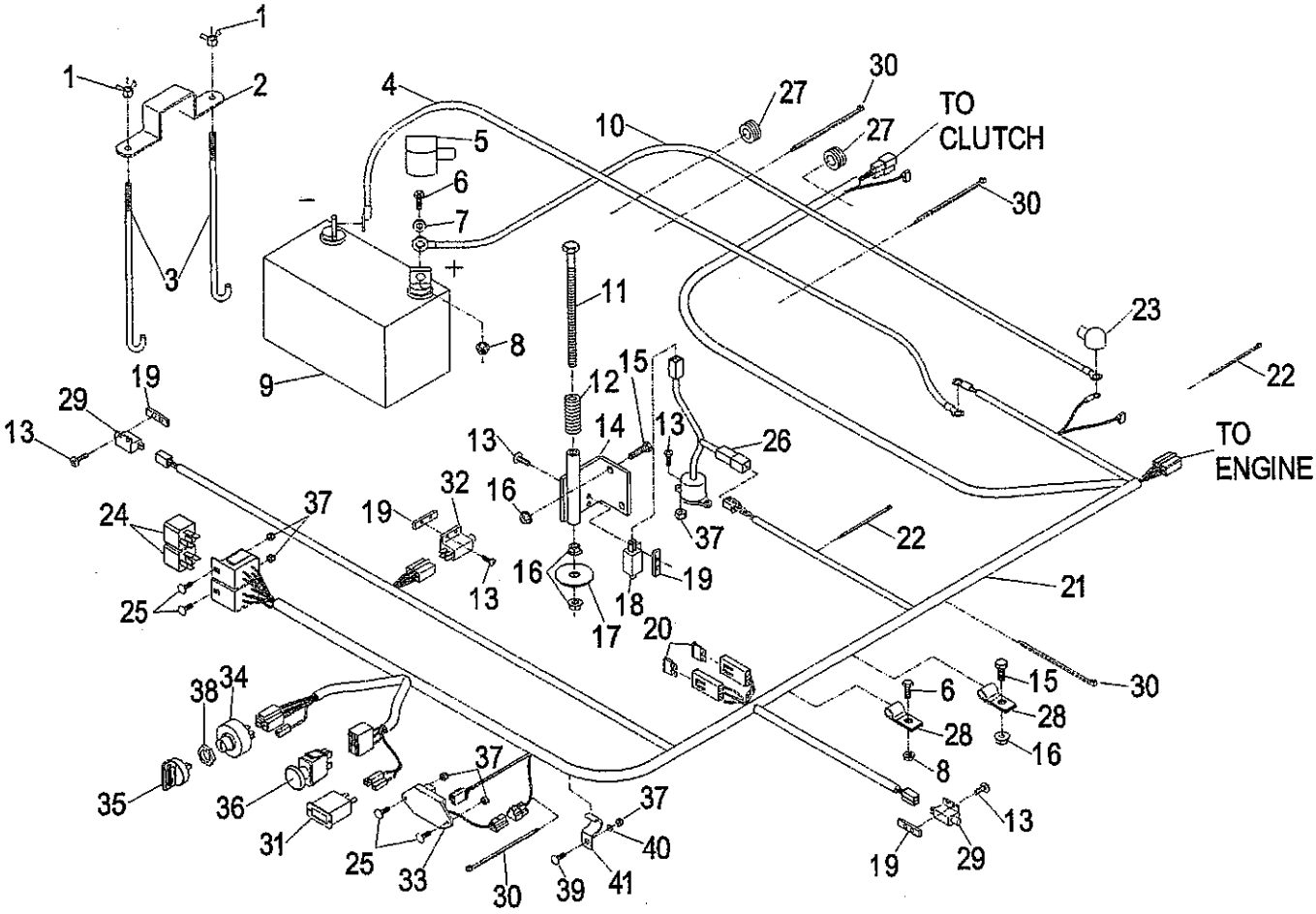


Ref. No.	Part No.	Description	Qty. Req'd.
1	103-4048-03	Bumper, rear	1
2	322-3	Screw, Hex 5/16-18 x 3/4	6
3	3256-3	Washer, Flat 5/16	7
4	32128-20	Nut, Whizlock 5/16-18	8
5	3229-10	Screw, Carraige 1/4-20 x 1/2	4
6	103-2740-03	Deflector, Short	1
7	32128-33	Nut, Whizlock 1/4-20	4
8▽	103-1965	Valve, Oil Drain	1
9	1-613235	Washer	5
10	103-2614	Spacer	1
11	1-633543-03	Strap, clutch/brake	1
12	1-633545	Spacer, grommet	2
13	1-633630	Grommet	2
14	322-22	Screw, 5/16-18 x 3 1/2	1
15	1-303335	Plastic tie (large)	2
16	322-6	Screw, 5/16 NC x 1 1/4	1
17	1-807259	Key	1
18	1-653035	Sheave, pump drive	1
19	104-3624	Clutch	1
20	1-603610	Washer, disc spring 7/16	2
21◆	3212-10	Screw, 7/16-20 x 2 1/2	1
22	33114-025	Screw, Hex M8-1.25 x 25	4
23	1-303334	Washer, spring disc	4
24	103-4042	Spacer	8
25	325-18	Screw, 1/2 13 x 4-1/2	8
26	3253-7	Washer, lock 1/2	8
27	103-0131	Nut, square 1/2-13	8

▽ Use a Teflon Pipe Sealant or equivalent on threads of drain valve.

◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on clutch bolt. Exmark black touch up spray paint – gloss black

ELECTRICAL GROUP

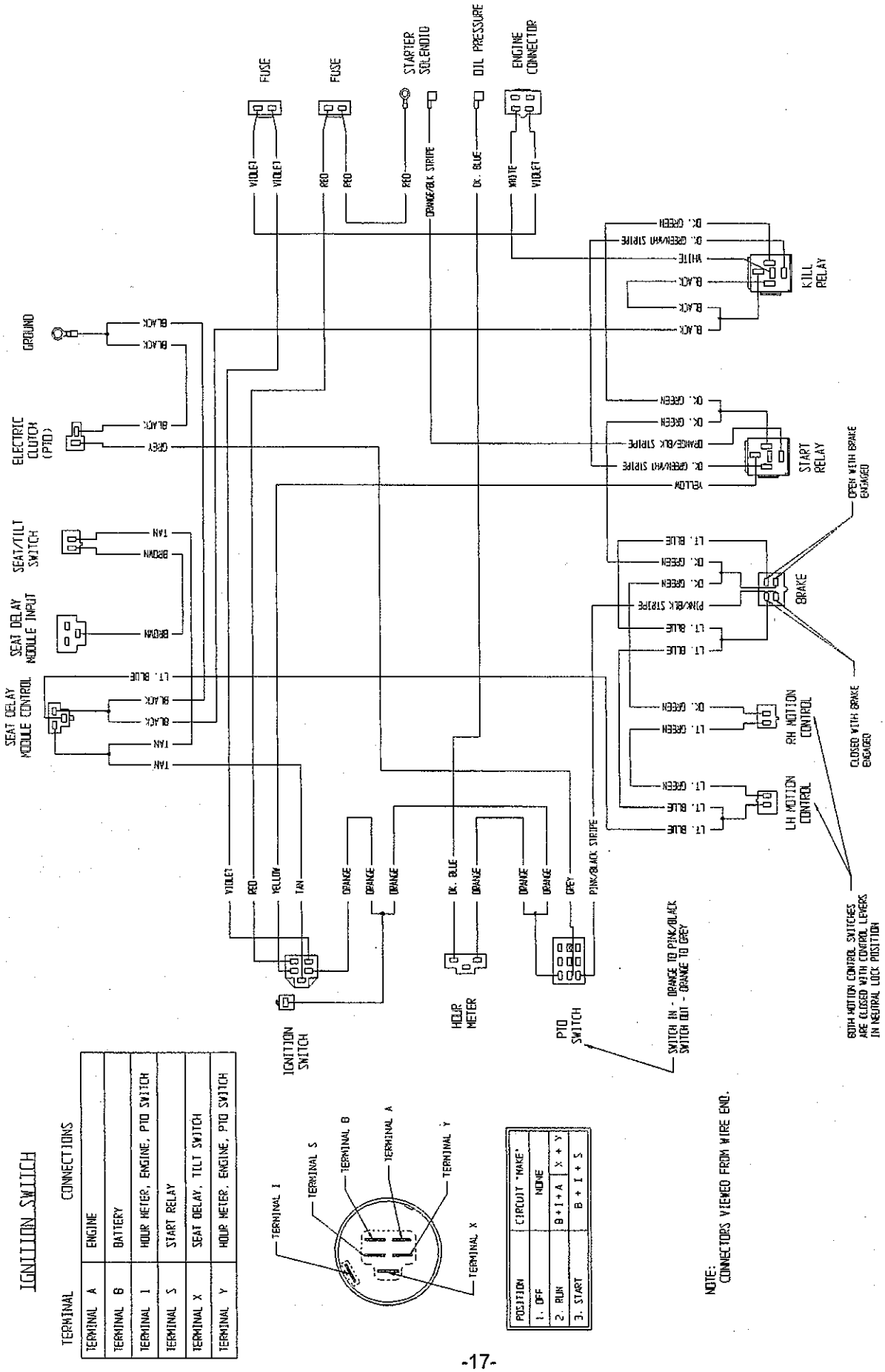


Ref. No.	Part No.	Description	Qty. Req'd.
1	1-543792	Wingnut, nyloc 1/4-20	2
2	1-633652-03	Strap, battery holdown	1
3	1-633651	Bolt, battery holdown	2
4	1-543767	Cable, ground (-)	1
5	1-543391	Insulator, battery	1
6	321-4	Screw, 1/4-20 x 3/4	3
7	3256-2	Washer, 1/4 flat	2
8	32128-33	Nut, 1/4-20 whizlock	3
9	103-0293	Battery, 12V	1
10	1-523281	Cable, battery (+)	1
11	1-800282	Screw, 5/16-18 x 7	1
12	1-523415	Spring, seat switch	1
13	3290-500	Screw, #10-24 x 5/8	10
14	1-652072-03	Bracket wldmt, seat switch	1
15	322-3	Screw, 5/16-18 x 3/4	3
16	32128-20	Nut, whizlock 5/16-18	5
17	1-653036	Washer	1
18	1-513152	Switch, seat	1
19	1-633181	Plate	4
20	1-816001	Fuse-20 amp	2
21♦	103-4049	Harness, wiring	1

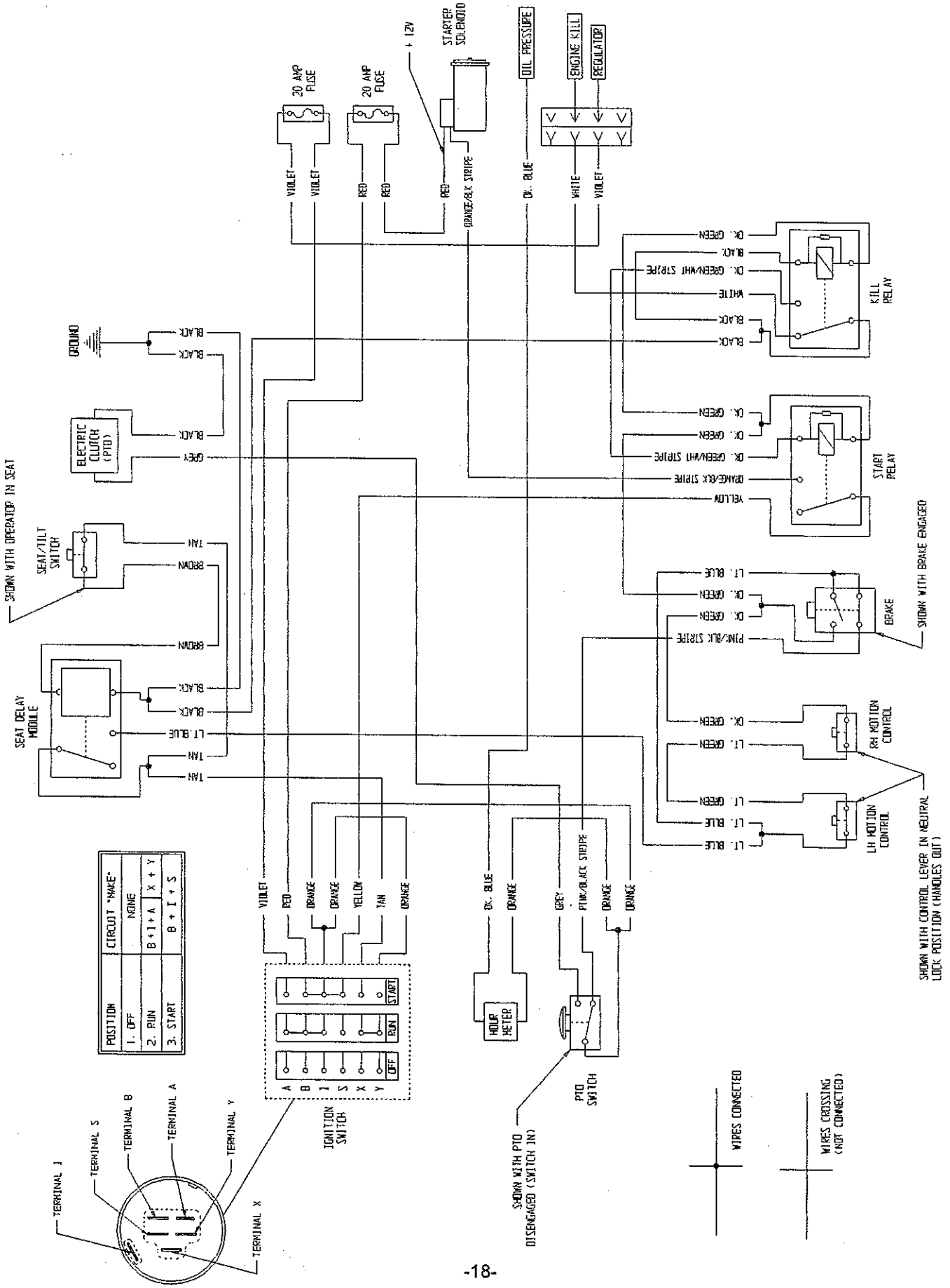
Ref. No.	Part No.	Description	Qty. Req'd.
22	1-303287	Plastic tie, small	2
23	1-543393	Insulator, solenoid (+)	1
24	1-643275	Relay, 12 V	2
25	1-807513	Carriage Bolt, #10-24 x 1/2	4
26	1-633782	Switch, Tilt	1
27	1-543286	Grommet	2
28	1-633396	Clip, loom 5/8	2
29	1-513051	Switch, drive lever N.C.	2
30	1-303335	Plastic tie, large	4
31	1-513374	Meter, engine hours	1
32	1-633111	Switch, brake N.O./N.C.	1
33	100-6186	Module, seat delay	1
34	103-0206	Switch, ignition w/keys	1
35	103-2106	Key, Exmark logo	1
	1-603511	Key, ignition	1
36	1-633673	Switch, blade	1
37	3296-2	Nut, nyloc #10-20	7
38	103-0498	Nut, Ignition	1
39	1-807533	Bolt, carriage 10-24x5/8	1
40	3256-14	Washer, #10 flat	1
41	103-1193	Clip, loom half	1

♦Use dielectric grease on all wiring harness connectors.

KOHLER ELECTRICAL DIAGRAM



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