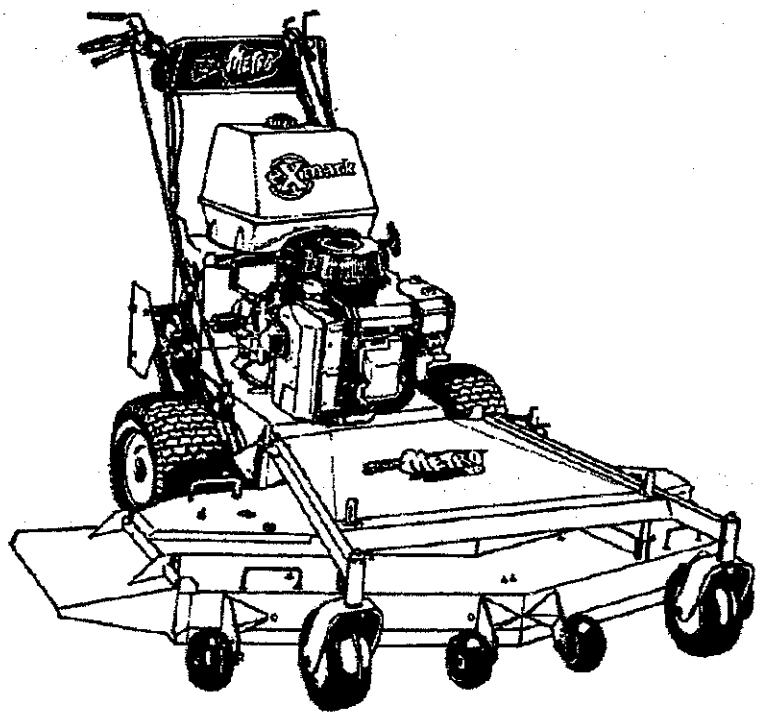
For Serial Nos.
220,000 & Higher

eXmark®
MFG. CO. INC.



PART'S MANUAL

METRO™ HP

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 next to the fuel tank on the top left-hand side of the fuel tank support.

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

Model No. _____

Serial No. _____

Engine Model No. _____

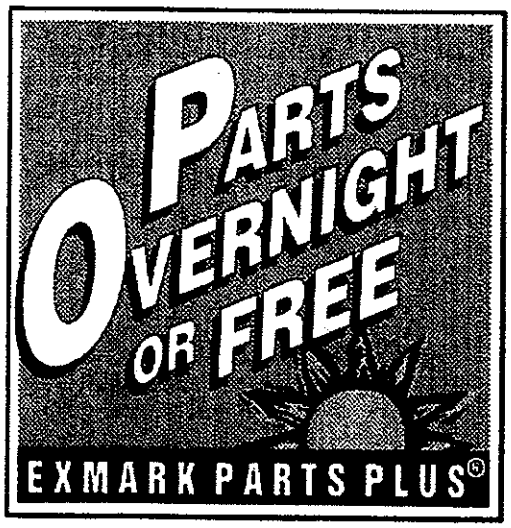
Engine Serial No. _____

Date Purchased _____

Paste Label From Literature Packet Here

EXMARK PARTS PLUS® PROGRAM

EFFECTIVE DATE: September 1, 1995



Program

If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE* Guaranteed!!

How the Program Works

1. If dealer does not have part in stock for a "down" unit at the time of request by customer, the dealer contacts his distributor by 1:00 p.m., local time, and requests Exmark Parts Plus® shipment of six (6) line items or less.

2. Distributor ships part(s) to dealer or customer, as requested by dealer, same day, overnight UPS Distributor bills dealer for part and freight charges where applicable.

3. If distributor does not have the part(s) in stock to satisfy Exmark Parts Plus® order, he contacts Exmark by 3:00 p.m., central time, with an Exmark Parts Plus® order of six (6) line items or less.

4. If order is received by 3:00 p.m. central time, Exmark ships part(s) direct to dealer or customer, as requested by distributor, same day, overnight UPS, Exmark bills the distributor for parts and shipping charges, where applicable.

5. The customer pays for the part and freight if it is shipped under the Exmark Parts Plus® and if it arrives in accordance to the program.

6. Who pays for the part and freight if it fails to arrive overnight in accordance to the program?

   A. Under any circumstance the customer does not pay.

   B. If the part does not arrive overnight due to:

      1. The dealer not submitting the Exmark Parts Plus® order to his Exmark distributor by 1:00 p.m., the dealer pays for the part and freight.

      2. The Distributor being unable to ship the part the same day or not submitting the Exmark Parts Plus® order to Exmark by 3:00 p.m., central time, the Distributor pays for the part and freight.

      3. Exmark being unable to ship the part and the Exmark parts order is received by 3:00 p.m., central time, Exmark pays for the part and freight.

      4. If the part does not arrive overnight due to the shipper (UPS), the shipper pays for the freight and Exmark pays for the part.

The following restrictions apply -- The Exmark Parts Plus® Program is available only through participating Exmark Dealers and applies only to orders submitted on this program Monday through Thursday. Parts Plus Service is available only in the 48 contiguous United States. UPS has initiated a Saturday delivery program to many areas of the continental United States and can be requested for an overnight shipment on Friday to be delivered Saturday. The next day air charge, plus the Saturday delivery fee will be the responsibility of the purchaser. Exmark Mfg. will assume no responsibility for Saturday delivery shipments. To qualify, all Exmark Parts Plus® orders must be received by Exmark by 3:00 p.m., central time. Orders must be six (6) line items or less. Exclusions from the Exmark Parts Plus® Program are: Any wholegood or accessory in its entirety, engines and engine replacement parts, 5-speed Peerless transmissions and 5-speed transaxles, hydraulic or hydrostatic wheel motors, cutter decks and engine decks or any item exceeding United Parcel Service size and weight restrictions.

Due to UPS restrictions, aerosol spray paint is considered a hazardous material and cannot be shipped via UPS next day or Second Day Air.

Exmark Manufacturing stocks a limited supply of parts for transaxles, pumps and wheel motors. These parts can be ordered for Next Day Air shipment but will not be guaranteed per the Parts Plus Program.

⚠ WARNING

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

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36" MOWER DECK

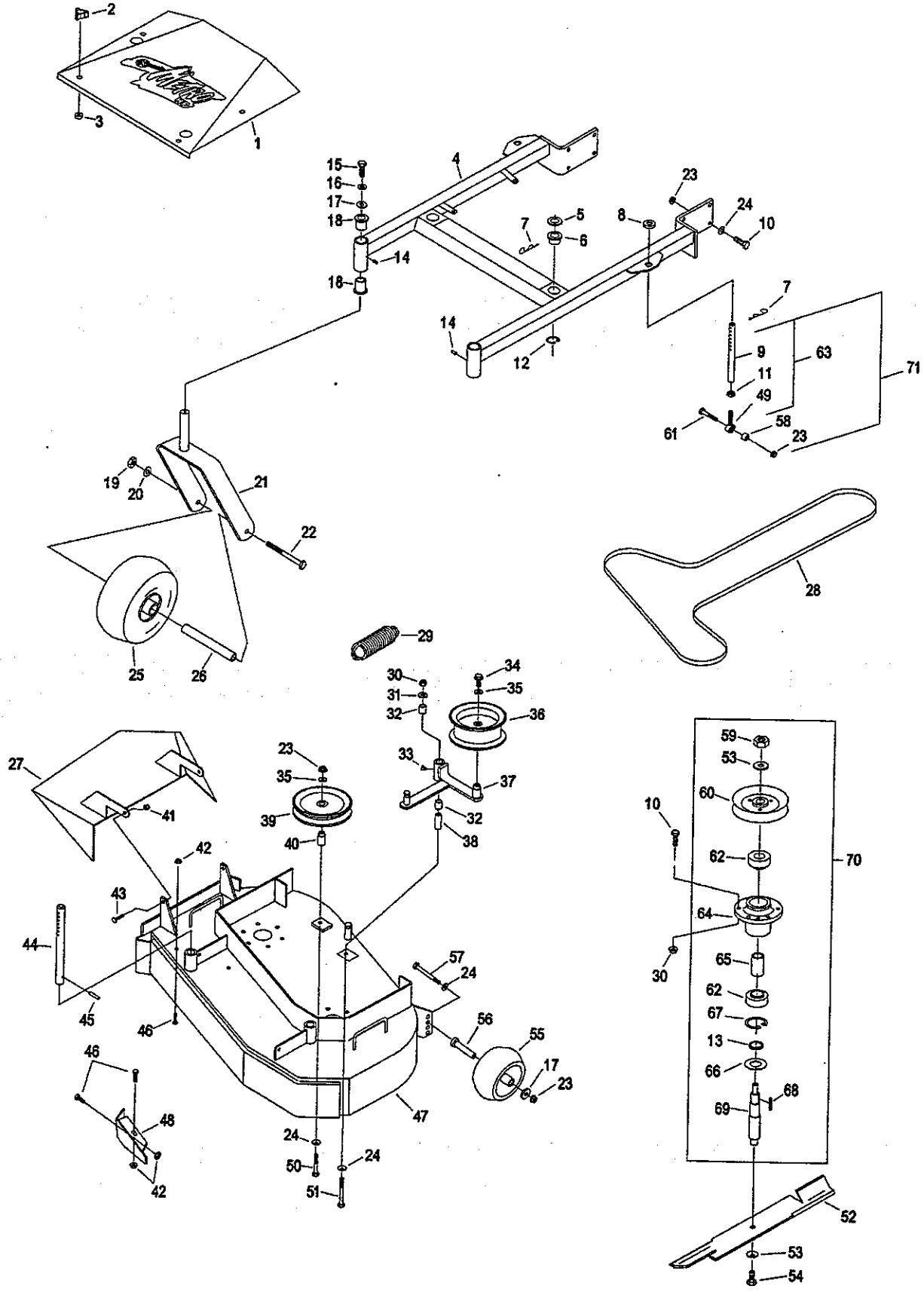
Ref. No.	Part No.	Description	Qty. Req'd.
1	414435	Shield, belt w/decals	1
	413098	Shield, belt	1
2	323385	Knob, belt shield	4
3	323417	Washer, belt cover	4
4	414309	Support weldmt w/bushings &decals	1
	412108	Support weldmt	1
5	413425	Spacer, Front Deck Support	2
6	513336	Bushing, deck support	2
7	806009	Hairpin, Cotter	4
8	303164	Spacer, Blade Drive	2
9	413525	Link, Deck Support	2
10	800293	Screw,Hex Cap 3/8-16x1-1/4	20
11	804525	Nut, Reg Hex 3/8-24	2
12	808507	Ring, Retaining	2
13	323533	Spacer	2
14	811001	Zerk, straight 1/8	2
15	800292	Screw, Hex Cap 3/8-16x1	2
16	805006	Washer, 3/8 heavy spring	2
17	373034	Washer, Swivel	3
18	303514	Bearing, Flange	4
19	804509	Nut, Reg Hex 1/2-13	2
20	805008	Washer, Lock Hlcl Spg 1/2 Reg	2
21	522143	Caster weldmt	2
22	800334	Screw, Hex Cap 1/2-13x6	2
23	809007	Nut, Whizlock 3/8-16	12
24	303327	Washer, Disc Spring 3/8	11
25	513648	Tire & Wheel Assembly	2
	513807	Wheel & Hub	2
	513808	Tire, 9x3.50-4 4-ply	2
	513809	Roller Bearing	2
	513810	Bushing	4
26	513547	Spacer	2
27	412238	Chute weldmt, discharge	1
28	413094	Belt, deck drive	1
29	633151	Spring, extension	1
30	804257	Nut, Nyloc 3/8-16	13
31	805260	Washer, Flat Std 3/8	1
32	513034	Pivot, Bearing	2
33	811008	Zerk, 90 degree 1/4-28	1
34	803016	Bolt, Hex Whizlock 3/8-16x1	1
35	805259	Washer, Flat 3/8 SAE	2
36	413099	Pulley, Idler	1

Ref. No.	Part No.	Description	Qty. Req'd.
37	412134	Arm, weldmt	1
	414144	Arm, Weldmt w/bushings	1
38	603384	Bushing, Idler Pivot	1
39	613098	Pulley, Idler	1
40	413113	Bushing, Idler	1
41	804256	Nut, Nylock 5/16-18	2
42	809001	Nut, Whizlock 5/16-18	3
43	800273	Screw, Hex Cap 5/16-18x1	2
44	603001	Rod, Deck Support	2
45	806332	Rollpin, 1/4x1-1/2	2
46	800270	Screw, Hex Cap 5/16-18x5/8	3
47	414383	Deck weldmt w/decals, discharge baffle & support rods	1
	412104	Deck weldmt	1
48	522480	Baffle, discharge	1
49	613204	Ball Joint	2
50	800299	Screw, Hex Cap 3/8-16x2-3/4	1
51	800805	Screw, Hex Cap 3/8-16x3-1/2 G8	1
52	633482	Blade, 18.00 notched air foil	2
	613251	Blade, 18.00 solid air foil	2
	● 633484	Blade, 18.00 mulching	2
	633485	Blade, 18.00 low lift (optional)	2
53	513208	Washer, Spring disc	4
54	800848	Screw, Hex Cap 5/8-11x1 G 8	2
55	603299	Roller, antiscalp	1
56	603602	Bushing, roller	1
57	800807	Screw, Hex Cap 3/8-16x4 G8	1
58	603050	Bushing Spacer	2
59	804510	Nut, Reg Hex 5/8-18	2
60	* 413424	Sheave w/Hub	2
61	800295	Screw, Hex Cap 3/8-16x1-3/4	2
62	513016	Bearing	4
63	414521	Link, Assembly	2
64	323532	Housing, Spindle	2
65	323528	Spacer, Bearing	2
66	633573	Guard, Bearing-Bottom	2
67	808502	Ring, Snap	2
68	807268	Key, machine	2
69	413330	Shaft, Spindle	2
70	414335	Housing, Cutter Assembly	2
71	611216	Kit, Link Assembly	2

● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK363(36")
Exmark red touch up spray paint - P/N 850337

* Use antisieze on bore of sheave

36" MOWER DECK

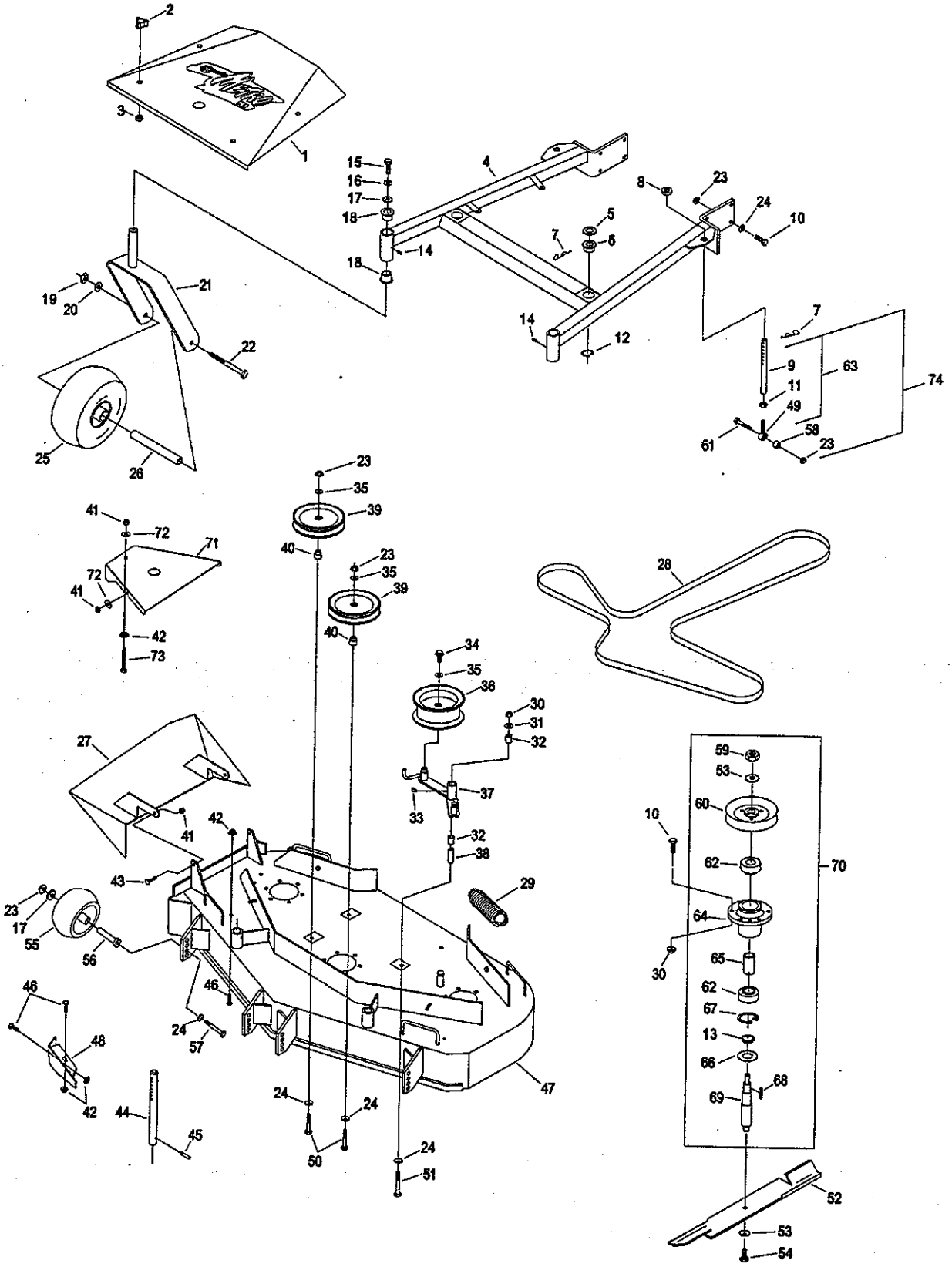


48" MOWER DECK

Ref. No.	Part No.	Description	Qty. Req'd.
1	414436	Shield, belt w/decals	1
	413101	Shield, belt	1
2	323385	Knob, belt shield	4
3	323417	Washer, belt cover	4
4	414310	Support weldmt w/bushings & decals	1
	412110	Support weldmt	1
5	413425	Spacer, Front Deck Support	2
6	513336	Bushing, deck support	2
7	806009	Hairpin, Cotter	4
8	303164	Spacer, Blade Drive	2
9	413525	Link, Deck Support	2
10	800293	Screw, Hex Cap 3/8-16 x 1 1/4	26
11	804525	Nut, Reg Hex 3/8-24	2
12	808507	Ring, Retaining	2
13	323533	Spacer	3
14	811001	Zerk, Straight 1/8	2
15	800292	Screw, Hex Cap 3/8-16x1	2
16	805006	Washer, 3/8 heavy spring	2
17	373034	Washer, Swivel	6
18	303514	Bearing, Flange	4
19	804509	Nut, Reg Hex ½-13	2
20	805008	Washer, Lock Hlcl Spg ½ Reg	2
21	522143	Caster weldment	2
22	800334	Screw, Hex Cap ½-13x6	2
23	809007	Nut, Whizlock 3/8-16	16
24	303327	Washer, Disc Spring 3/8	15
25	513648	Tire & Wheel Assembly	2
	513807	Wheel & Hub	2
	513808	Tire, 9x3/5-4 4-ply	2
	513809	Roller Bearing	2
	813810	Bushing	4
26	513547	Spacer	2
27	522478	Chute weldment, discharge	1
28	413093	Belt, deck drive	1
29	633151	Spring, extension	1
30	804257	Nut, Nyloc 3/8-16	19
31	805260	Washer, Flat Std 3/8	1
32	513034	Pivot, Bearing	2
33	811008	Zerk, 90 degree ¼-28	1
34	803016	Bolt, Hex Whizlock 3/8-16x1	1
35	805259	Washer, Flat 3/8 SAE	3
36	413099	Pulley, Idler	1
37	412394	Arm, weldmt	1
	414398	Arm, weldmt w/bushings	1
38	603384	Bushing, Idler Pivot	1
39	613098	Pulley, Idler	2
40	413113	Bushing, Idler	2
41	804256	Nut, Nyloc 5/16-18	8
42	809001	Nut, Whizlock 5/16-18	5
43	800273	Screw, Hex Cap 5/16-18	2
44	603001	Rod, Deck Support	2
45	806332	Rollpin, 1/4x1 1/2	2
46	800270	Screw, Hex Cap 5/16-18 x 1	3
47	414384	Deck weldmt w/decals, discharge Baffle & support rods	1
	412106	Deck weldmt	1
48	522480	Baffle, discharge	1
49	613204	Ball Joint	2
50	800299	Screw, Hex Cap 3/8-16 x 2 3/4	2
51	800805	Screw, Hex Cap 3/8-16 x 3 ½ G8	1
52	323515	Blade, 16.25 notched air foil	3
	413438	Blade, 16.25 solid air foil	3
	•403148	Blade, 16.25 mulching	3
	403149	Blade, 16.25 low lift (optional)	3
53	513208	Washer, Spring disc	3
54	800848	Screw, Hex Cap 5/8-11 x 1 G8	3
55	603299	Roller, antiscalp	4
56	603602	Bushing, roller	4
57	800807	Screw, Hex Cap 3/8-16x1 3/4	2
58	603050	Bushing Spacer	3
59	804510	Nut, Reg hex 5/8-18	3
60	*413424	Sheave w/Hub	2
61	800295	Screw, hex Cap 3/8-16x1 3/4	6
62	513016	Bearing	2
63	414521	Link, Assembly	2
64	323532	Housing, Spindle	3
65	323528	Spacer, Bearing	3
66	633573	Guard, Bearing-Bottom	3
67	808502	Ring, Snap	3
68	807268	Key, machine	3
69	413330	Shaft, Spindle	3
70	414335	Housing, Cutter Assembly	3
71	653482	Shield, Belt	2
72	805258	Washer, Flat Std 5/16	2
73	800017	Bolt, Hex Tap 5/16-18 3 1/4	2
74	611216	Kit, Link Assembly	3

- Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK483(48")
* Use antisieze on hub of bore.
Exmark red touch up spray paint - P/N 850337

48" MOWER DECK



52" MOWER DECK

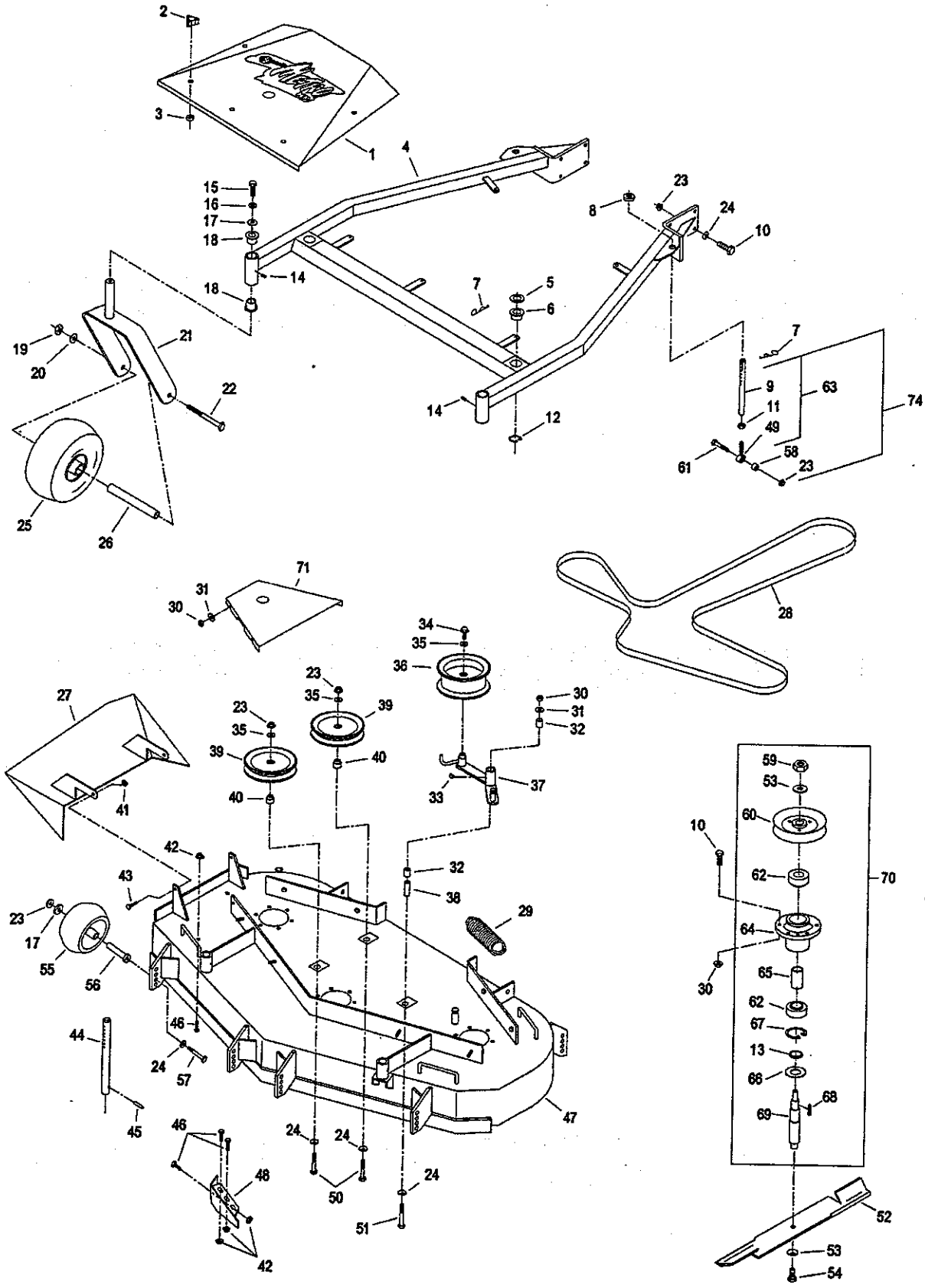
Ref. No.	Part No.	Description	Qty. Req'd.
1	414437	Shield, belt w/decals	1
	413303	Shield, belt	1
2	323385	Knob, belt shield	5
3	323417	Washer, belt cover	5
4	414311	Support weldmt w/bushings &decals	1
	412317	Support weldmt	1
5	413425	Spacer, Front Deck Support	2
6	513336	Bushing, deck support	2
7	806009	Hairpin, Cotter	4
8	303164	Spacer, Blade Drive	2
9	413525	Link, Deck Support	2
10	800293	Screw, Hex Cap 3/8-16x1-1/4	26
11	804525	Nut, Reg Hex 3/8-24	2
12	808507	Ring, Retaining	2
13	323533	Spacer	3
14	811001	Zerk, straight 1/8	2
15	800292	Screw, Hex Cap 3/8-16x1	2
16	805006	Washer, 3/8 heavy spring	2
17	373034	Washer, Swivel	8
18	303514	Bearing, Flange	4
19	804509	Nut, Reg Hex 1/2-13	2
20	805008	Washer, Lock Hlcl Spg 1/2 Reg	2
21	522143	Caster weldmt	2
22	800334	Screw, Hex Cap 1/2-13x6	2
23	809007	Nut, Whizlock 3/8-16	18
24	303327	Washer, Disc Spring 3/8	17
25	513648	Tire & Wheel Assembly	2
	513807	Wheel & Hub	2
	513808	Tire, 9x3.50-4 4-ply	2
	513809	Roller Bearing	2
	513810	Bushing	4
26	513547	Spacer	2
27	602571	Chute weldmt, discharge	1
28	413308	Belt, deck drive	1
29	633151	Spring, extension	1
30	804257	Nut, Nyloc 3/8-16	27
31	805260	Washer, Flat Std 3/8	9
32	513034	Pivot, Bearing	2
33	811008	Zerk, 90 degree 1/4-28	1
34	803016	Bolt, Whizlock 3/8-16x1	1
35	805259	Washer, Flat 3/8 SAE	3
36	413099	Pulley, Idler	1

Ref. No.	Part No.	Description	Qty. Req'd.
37	412394	Arm, weldmt	1
	414398	Arm, Weldmt w/bushings	1
38	603384	Bushing, Idler Pivot	1
39	613098	Pulley, Idler	2
40	413113	Bushing, Idler	2
41	804256	Nut, Nylock 5/16-18	2
42	809001	Nut, Whizlock 5/16-18	4
43	800273	Screw, Hex Cap 5/16-18x1	2
44	603001	Rod, Deck Support	2
45	806332	Rollpin, 1/4x1-1/2	2
46	800270	Screw, Hex Cap 5/16-18x5/8	4
47	414385	Deck weldmt w/decals, discharge baffle & support rods	1
	412313	Deck weldmt	1
48	602913	Baffle, discharge	1
49	613204	Ball Joint	2
50	800299	Screw, Hex Cap 3/8-16x2-3/4	2
51	800805	Screw, Hex Cap 3/8-16x3-1/2 G8	1
52	633482	Blade, 18.00 notched air foil	3
	613251	Blade, 18.00 solid air foil	3
	● 633484	Blade, 18.00 mulching	3
	633485	Blade, 18.00 low lift (optional)	3
53	513208	Washer, Spring disc	6
54	800848	Screw, Hex Cap 5/8-11x1 G 8	3
55	603299	Roller, antiscalp	6
56	603602	Bushing, roller	6
57	800807	Screw, Hex Cap 3/8-16x4 G8	6
58	603050	Bushing Spacer	2
59	804510	Nut, Reg Hex 5/8-18	3
60	* 413424	Sheave w/Hub	3
61	800295	Screw, Hex Cap 3/8-16x1-3/4	2
62	513016	Bearing	6
63	414521	Link, Assembly	2
64	323532	Housing, Spindle	3
65	323528	Spacer, Bearing	3
66	633573	Guard, Bearing-Bottom	3
67	808502	Ring, Snap	3
68	807268	Key, machine	3
69	413330	Shaft, Spindle	3
70	414335	Housing, Cutter Assembly	3
71	413305	Shield, Belt	2

● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK523(52")
Exmark red touch up spray paint - P/N 850337

* Use antisieze on bore of sheave.

52" MOWER DECK



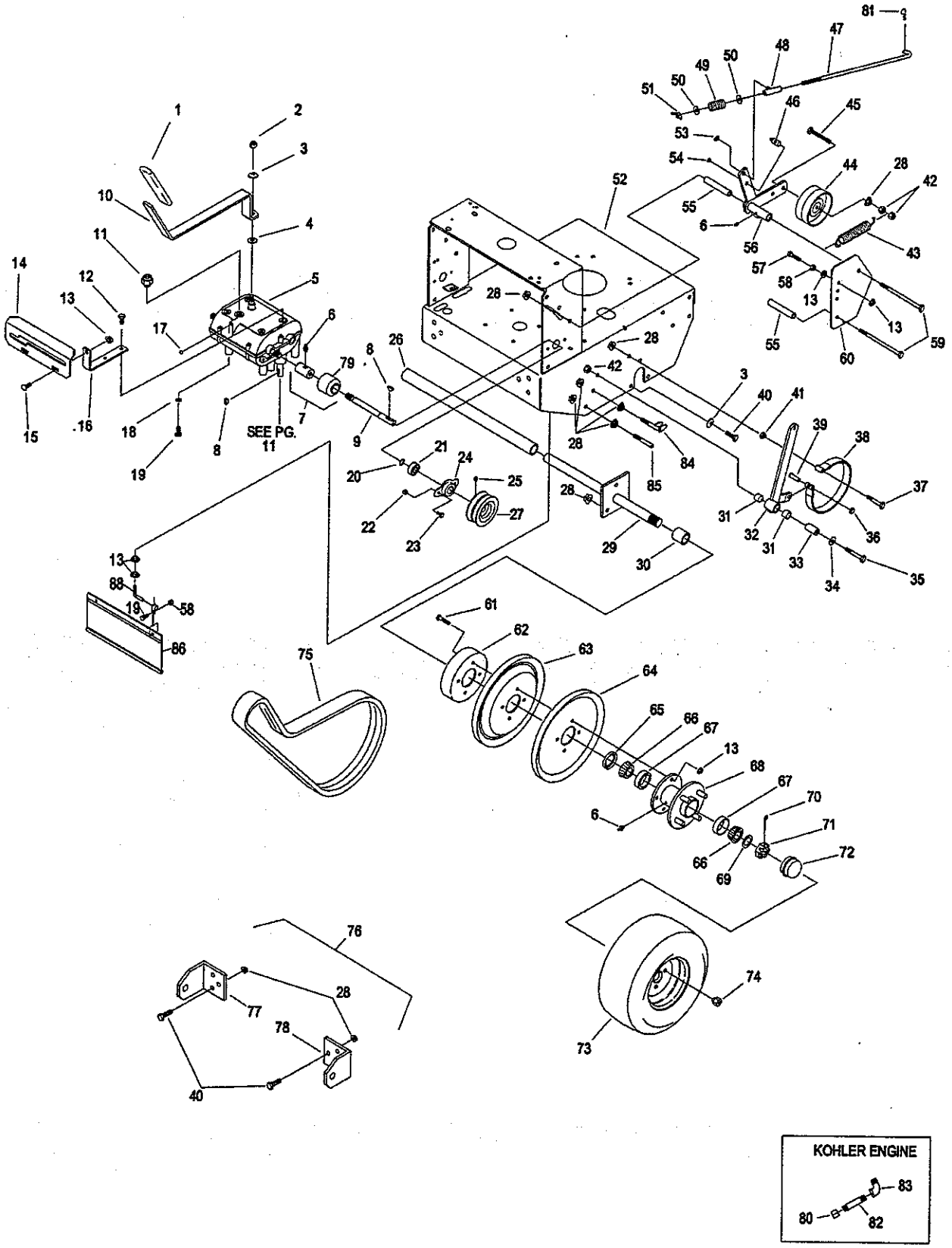
ENGINE DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.
1	323250	Grip Foam	1
2	804264	Nut, Nyloc 3/8-24	1
3	303327	Washer, Disc Spring 3/8	7
4	323379	Washer, Shifter Lever	1
5	323500	Transmission, Peerless	1
6	811006	Zerk, Straight ¼-28 5/32	6
7	324340	Coupling, w/guard & zerk	2
8	807009	Key Woodruff #9 3/4x3/16	3
9	323502	Shaft,Transmission Output 9 spline	2
10	322152	Lever, Shift w/grip	1
11	303282	Switch, Neutral Start	1
12	809013	Screw, Hex Tap 5/16-18 x 3/4	4
13	809001	Nut, whizlock 5/16-18	18
14	323387	Plate, Shifter	1
15	807503	Bolt, Carriage 5/16-18 x 3/4	2
16	323389	Leg, Shifter Plate	2
17	323526	Ball, Stainless Steel	1
18	805005	Washer, Lock Hlcl Spg 5/16	4
19	800271	Screw, Hex Cap 5/16-18 x 3/4	6
20	808523	Ring, Retaining	2
21	323252	Bearing, Transmission Shaft	2
22	804255	Nut, Nyloc ¼-20	4
23	800251	Screw, Hex Cap ¼-20 x 5/8	4
24	323254	Flange, Output	2
25✧	803310	Screw, Set 5/16-18 x 3/8	2
26	413355	Sleeve, Axle	1
27	413334	Sheave, Transmission Output	2
28	809007	Nut, Whizlock 3/8-16	22
29	412376	Axle Weldment	2
30	543556	Spacer, Wheel	2
31	413347	Bushing, Sleeve	4
32	414375	Lever,Brake RH w/bushings (shown)	1
	414374	Lever,Brake LH w/bushings	1
33	413344	Bushing, Pivot	2
34	805260	Washer, Flat Std 3/8	2
35	800296	Screw, Hex Cap 3/8-16 x 2	2
36	803051	Nut, Push .38	2
37	800295	Screw, Hex Cap 3/8-16x1 3/4	2
38	323262	Brake Band	2
39	323307	Pin, Clevis	2
40	800292	Screw, Hex Cap 3/8-16 x 1	12
41	804752	Nut, Jam 3/8-16	2
42	804257	Nut, Nyloc 3/8-16	6
43	603402	Spring, Extension	2
44	323277	Idler, Wheel Drive	2
45	800032	Bolt, Hex Tap 3/8-16 x 3	2
46	323368	Swivel, Short	2
47	323548	Linkage, Brake	2
48	322125	Swivel, Weldmt Brake Linkage	2
49	323245	Spring, Compression	2
50	805257	Washer, Flat SAE 5/16	4
51	513959	Wingnut, Nyloc 5/16	4
52	412518	Deck, Weldmt Engine	1
53	808522	Ring, Klip 3/8	2
54	808520	Ring, Klip 5/16	2
55	323283	Spacer, Shield	4
56	412379	Arm, Wldmt RH (shown)	1
	412378	Arm, Wldmt LH	1
57	800275	Screw, Hex Cap 5/16-18x1 1/2	2
58	804256	Nut, Nyloc 5/16-18	4
59	800306	Screw, Hex Cap 3/8-16x5	4
60	413359	Shield, Wheel Drive	2
61	800274	Screw, Hex Cap 5/16-18x1 1/4	1
62	323261	Brake Drum	2
63	413331	Sheave, Wheel Drive w/offset	2
64	413332	Sheave, Wheel Drive	2
65	543511	Seal, Grease	2
66	543509	Cone, Bearing L44643	4
67	543508	Cup, Bearing L44610	4
68	413333	Wheel, Hub w/cups	2
	633926	Stud, wheel (1 ½")	8
69	523157	Washer, Spacer	2
70	806800	Pin, Cotter 9/64x1 1/2	2
71	809082	Nut, Slotted Hex	2
72	543513	Cap, Grease	2
73	413473	Wheel & Tire Assembly	2
	413474	Tire 16x6.50 - 8	2
	603715	Wheel	2
74	513011	Nut, Wheel ½-20	8
75	413341	Belt, Wheel Drive Banded	2
76	411255	Kit, Sulky Hitch	1
77	413252	Bracket, Sulky LH	1
78	413254	Bracket, Sulky RH	1
79	323681	Guard, coupler	1
80	∇543233	Cap, 3/8 NPT Hex (Koh)	1
81	806003	Cotter, Hairpin .0585 #2	2
82	∇323326	Nipple, 3/8 NPT x 3 (Koh)	1
83	∇303431	Elbow, Brass 90° (Koh)	1
84	412358	Scraper, Wldmt	2
85	413353	Pin, Threaded	2
86	323607	Shield, Trailing Toro	1
87	413510	Clip, Loom .50	2
88	413511	Hanger, Drag Shield	2

✧ Use Pro-lock (Nut type) Part No. 840022 (.5ml tube) on setscrew threads.

∇ Use Teflon Pipe sealant (or equivalent) on all pipe threads.
Exmark red touch up spray paint - P/N 850337
Exmark black touch up spray paint – Gloss Black

ENGINE DECK GROUP



ENGINE DECK GROUP (CONT.)

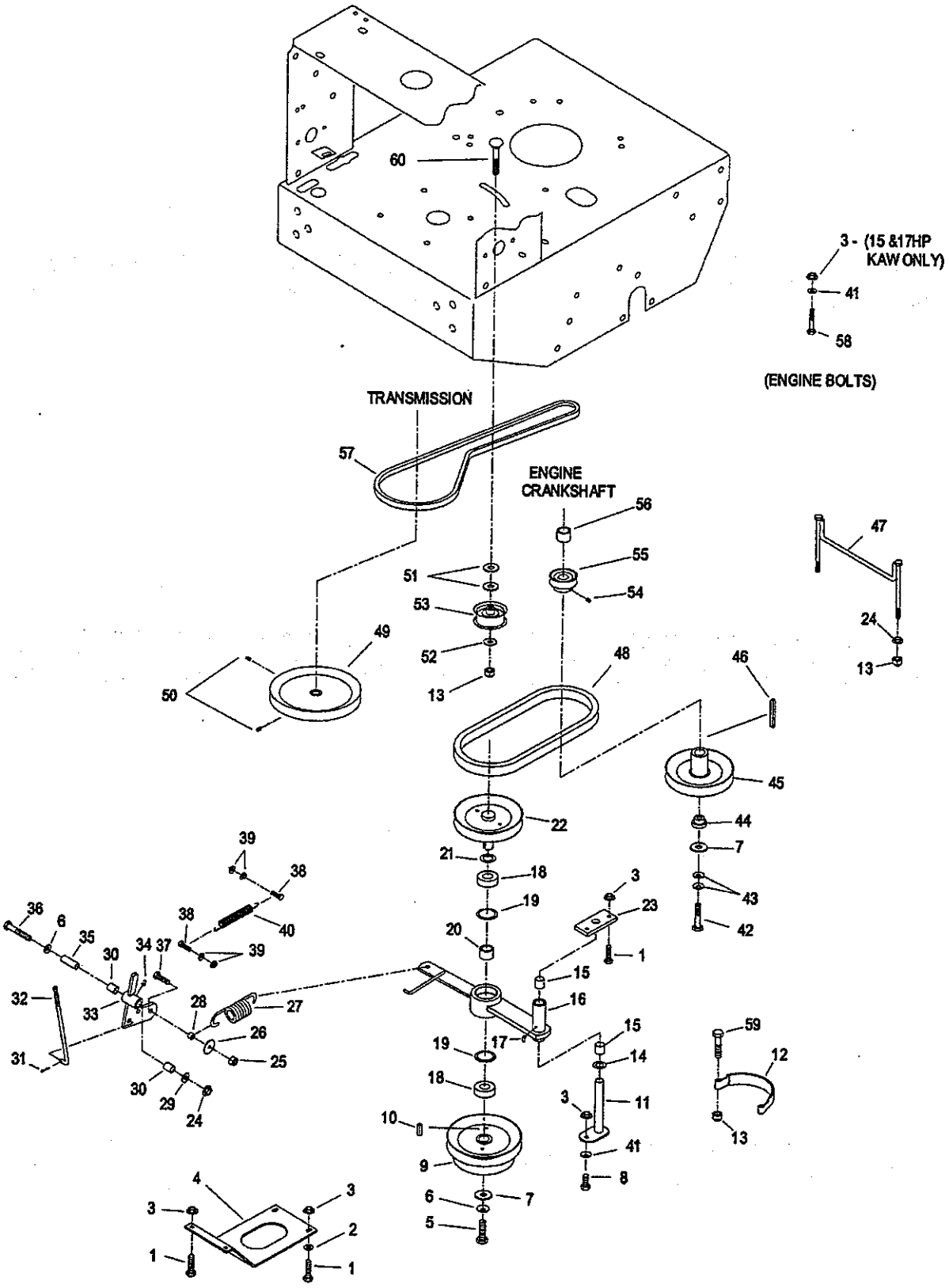
Ref. No.	Part No.	Description	Qty. Req'd.
1	800297	Screw, 3/8-16 x 2-1/4	6
2	805258	Washer, Flat Std 5/16	2
3	809001	Nut, Whizlock 5/16-18 (Koh)	7
	809001	Nut, Whizlock 5/16-18 (15&17 Kaw)	4
4	413009	Plate, Guard	1
5 ✧	800521	Screw, Hex Cap 3/8-24x1 G8	1
6	303327	Washer, Disc Spring 3/8	2
7	373034	Washer, Swivel	2
8	800271	Screw, Hex Cap 5/16-18x3/4	1
9 ▲	412031	Sheave, w/drum (36" & 52")	1
▲	513113	Sheave, w/drum (48")	1
10	807259	Key, Mach 1/4x1/4x1	1
11	412138	Pivot Pin Wldmnt	1
12	413062	Band, Brake Clutch	1
13	804257	Nut, Nyloc 3/8-16	5
14	413235	Washer, Spacer	1
15	413207	Pivot, Bearing	2
16	412417	Arm Weldmt, Clutch	1
	414418	Clutch Arm w/Bearings	1
17	811007	Zerk, ¼-28x45	1
18 ▲	413111	Bearing, Clutch Shaft	2
19	808502	Ring, Snap	2
20	413012	Spacer, Bearing Clutch	1
21	523157	Washer, Spacer	1
22	412011	Sheave w/shaft	1
23	413049	Plate, Clutch Pivot	1
24	809007	Nut, Whizlock 3/8-16	3
25	804256	Nut, Nyloc 5/16-18	1
26	213069	Washer, Strut	1
27	513113	Spring, Belt Tension	1
28	543007	Spacer, Clutch Anchor	1
29	805260	Washer, Flat Std 3/8	1
30	513034	Pivot, Bearing	2
31	806003	Pin, Hair Cotter .0585 #2	1
32	413282	Linkage, Lower	1
33	414143	Link Pivot w/Bearing	1
34	811006	Zerk, Straight ¼-28	1
35	603044	Bushing, Idler Pivot	1
36	800297	Screw, Hex Cap 3/8-16x2 1/4	1
37	800274	Screw, Hex Cap 5/16-18x1 1/4	1
38	800254	Screw, Hex Cap ¼-20x1	2
39	809012	Nut, Whizlock ¼-20	4
40	523498	Spring, Motion Control	1
41	303334	Washer, Disc Spring 5/16	5
42 ✧	800819	Screw, hex cap 7/16-20x2 1/2	1
43	603610	Disc, Spring 7/16	2
44	603609	Bushing, Clutch Keeper	1
45 ▲	413339	Sheave, Engine	1
46	807264	Key, Machine 1/4x1/4x2 5/8	1
47	412325	Guide, Belt Weldmt	1
48	413096	Belt, Blade Clutch	1
49 ▲	323278	Sheave, Transmission	1
50 ✧	803293	Screw, Set ¼-20x3/8	2
51	805262	Washer, Flat Std 7/16	2
52	805259	Washer, Flat SAE 3/8	1
53	323285	Idler, Transmission Drive	1
54 ✧	803310	Screw, Set 5/16-18x3/8	1
55 ▲	323256	Sheave, Transmission Drive	1
56	413340	Spacer, Crankshaft	1
57	323280	Belt, Transmission Drive	1
58	800275	Screw, Hex Cap 5/16-18x1 1/2 (15&17hp Kaw)	4
	809072	Screw, Hex Cap M8-1.25x25mm (Koh)	4
59	800294	Screw, Hex Cap 3/8-16x1 1/2	2
60	807511	Bolt, Carriage SSN 3/8-16x2	1

▲ Use anti-seize compound in the following locations:
- Between the sheave and the engine crankshaft.
- Between the sheave w/shaft and the bearing bores.
- Between the sheave w/shaft and the sheave w/drum.
- Between the transmission shaft and the sheave.

✧ Use Pro-lock (Nut type) Part No. 840022 (.5ml tube) In the following locations:
- On setscrew locations.
- On sheave retaining bolt in engine crankshaft.
- On sheave retaining bolt on clutch arm.

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

ENGINE DECK GROUP (CONT.)



UPPER HANDLES and CONTROLS

Ref. No.	Part No.	Description	Qty. Req'd.
1	∇ 412183	Lever, Wldmt OPC LH	1
2	303365	Bushing, Nylon	2
3	◆ 803322	Screw, Set .312-24x.312	2
4	322192	Rod Weldmt, OPC	1
5	303363	Spring, Actuator	1
6	513592	Knob, Ball Red	1
7	807513	Bolt, Carriage #10-24x1/2 G2	2
8	804252	Nut, Nyloc #10-24	2
9	323129	Cable, Throttle Control (Koh)	1
	413428	Cable, Throttle Control (17&15 Kaw)	1
10	∇ 412185	Lever, Wldmt OPC RH	1
11	303020	Grip, Lever	1
12	414234	Clutch Lever w/Grip	1
13	804257	Nut, Nyloc 3/8-16	1
14	805260	Washer, Flat Std 3/8	2
15	413088	Spacer	1
16	806003	Pin, Hair Cotter .0585 #2	3
17	413293	Linkage, Upper	1
18	413279	Turnbuckle, 3/8-16 SS	1
19	804507	Nut, Reg Hex 3/8-16	1
20	303097	Grip, Handle	2
21	800259	Screw, Hex Cap 1/4-20x2 1/4	2
22	303435	Washer, Disc Spring 1/4	6
23	324279	Latch, thumb LH w/grip	1
	324280	Latch, thumb RH w/grip	1
24	303019	Grip, Latch	2
25	323549	Spacer	2
26	804255	Nut, Nyloc 1/4-20	3
27	800295	Screw, Hex Cap 3/8-16x1-3/4	1
28	412449	Handle Wldmt	1
29	806340	Pin, Roll 5/16x1	2
30	803001	Nut, Pal 3/16	2
31	302006	Lever, Drive w/grip	2
32	808250	Pin, Clevis 3/16x1 3/4	2
33	303021	Grip, Drive Lever	1
34	808286	Pin, Clevis 5/16x1 7/8	2
35	413338	Linkage, Drive Wheel	2

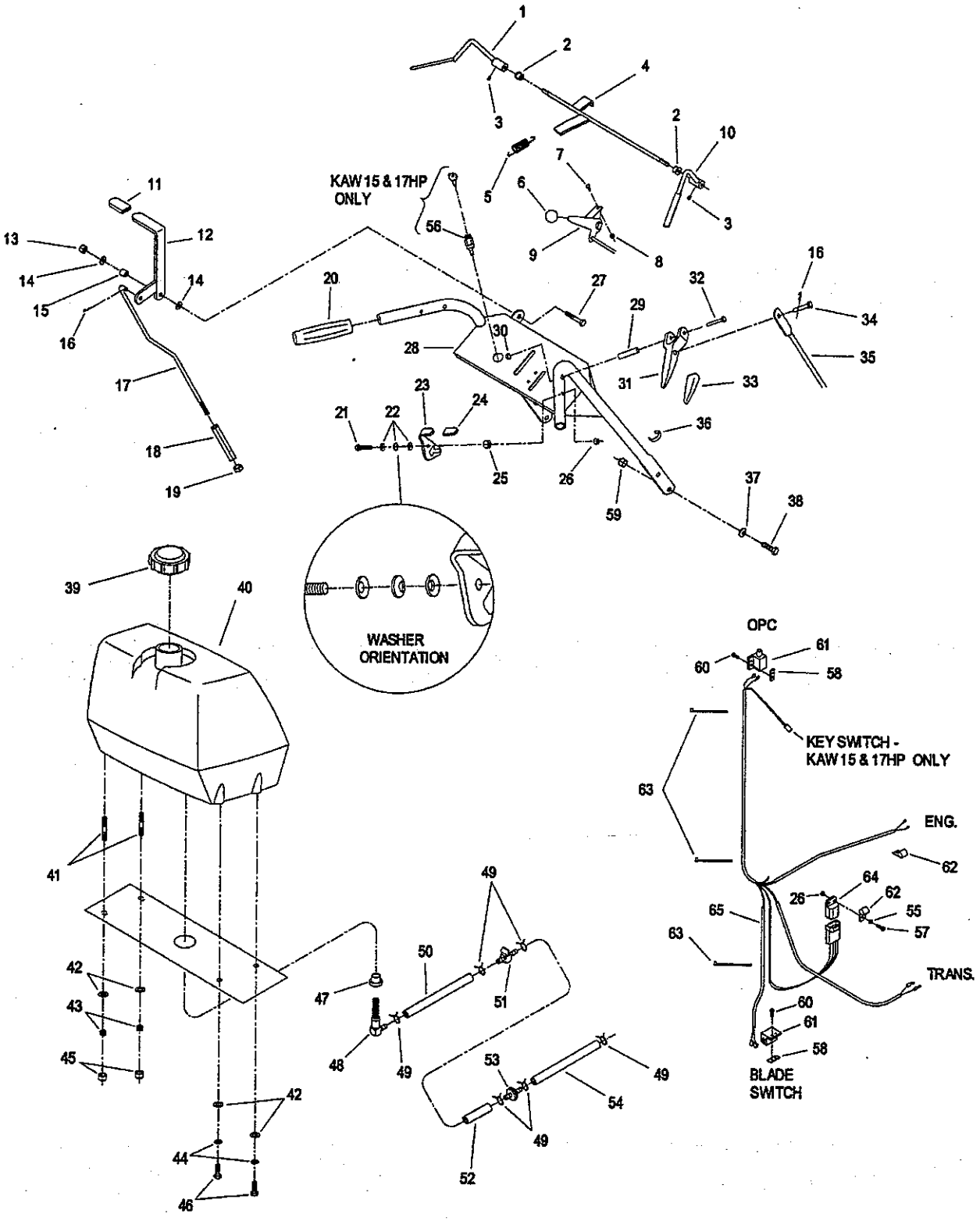
Ref. No.	Part No.	Description	Qty. Req'd.
36	303088	Clip, Cable	1
37	303327	Washer, Disc Spring 3/8	4
38	800292	Screw, Hex Cap 3/8-16x1	4
39	513508	Cap, Fuel Tank	1
40	413179	Tank, Fuel Intermediate	1
41	∇ 633023	Stud	2
42	805257	Washer, Flat SAE 5/16	4
43	633349	Spring, Fuel tank	2
44	805005	Washer, Lock Hicl Spg 5/16 Hvy	2
45	804267	Nut, Nyloc 5/16-18	2
46	800271	Screw, Hex Cap 5/16-18x3/4	2
47	513645	Bushing, Fuel Valve	1
48	543277	Elbow w/Screen	1
49	303077	Clamp, Fuel line (17&15 Kaw)	4
	303077	Clamp, Fuel line (Koh)	6
50	603955	Hose, Fuel line 6"	1
51	603770	Valve, Fuel	1
52	603776	Hose, Fuel line 2.5" (Koh)	1
	303022	Hose, Fuel line 12" (17&15 Kaw)	1
53	303197	Filter, Fuel	1
		15&17 Kawasaki PN 41019-1055 w/6" fuel lin	1
54	603954	Hose, Fuel line 13.75" (Koh)	1
55	805256	Washer, Flat Std 1/4	1
56	403121	Switch, On/Off (17&15hp Kaw)	1
	603511	Key, Ignition	1
57	800252	Screw, Hex Cap 1/4-20x3/4	1
58	633181	Plate, Tapped	2
59	809007	Nut, Whizlock 3/8-16	4
60	803028	Screw, Mach CRPH 10-24x5/8	4
61	513051	Switch, Neutral Lockout	2
62	323229	Clip, 3/8 Loom	2
63	303287	Tie, Plastic	4
64	323430	Module, Wiring Harness	1
65	• 413357	Harness, Wiring (Koh)	1
	• 413455	Harness, Wiring (17&15hp Kaw)	1

◆ Use Pro-lock nut type, Part No. 840022 (.5ml tube) on setscrew threads

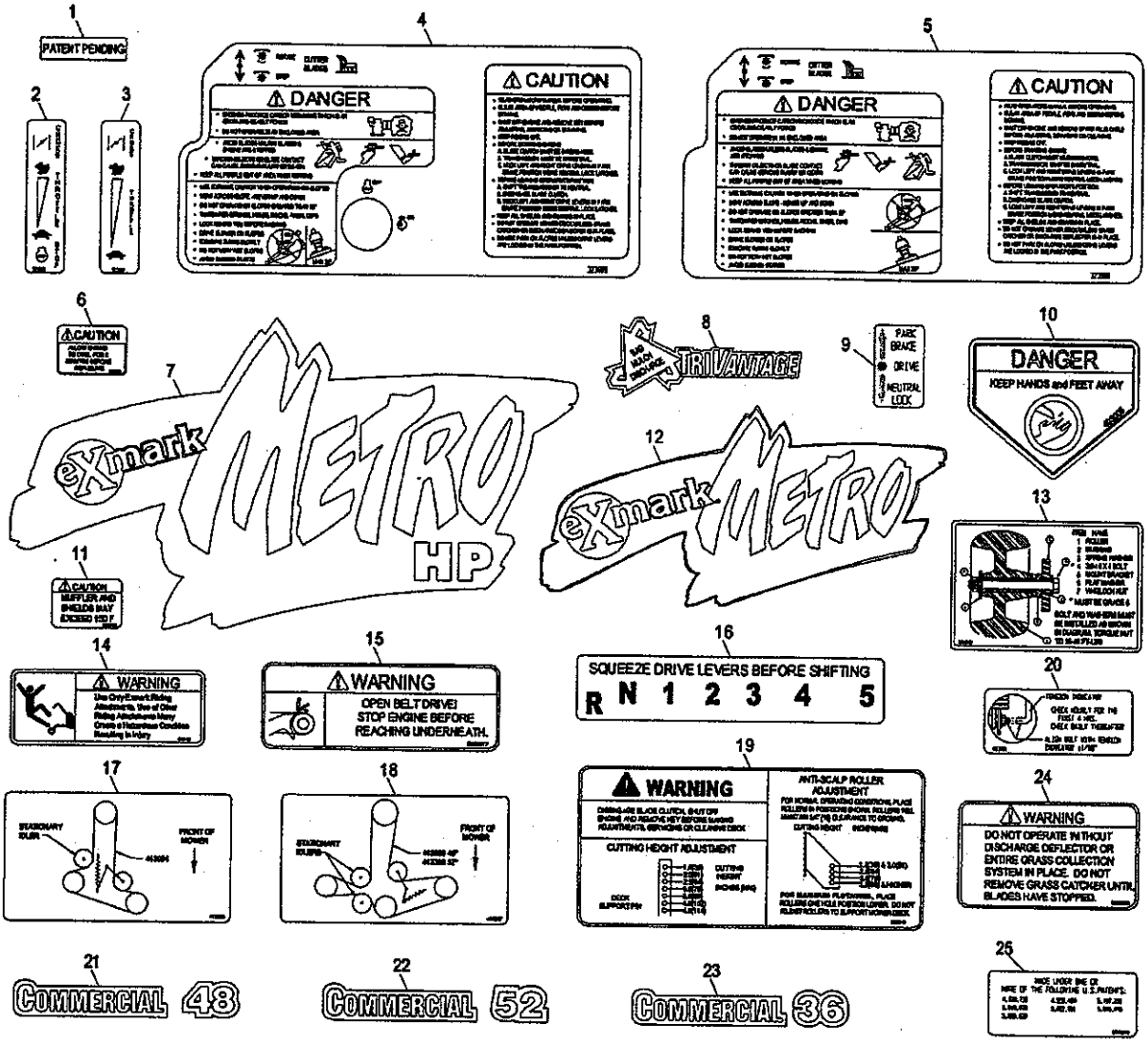
∇ Use Pro-lock retaining type, Part No. 840023 (.5ml tube) on inside of bore of OPC hub and on fuel tank stud

• Use dielectric grease on all electrical connectors.
Exmark black touch spray paint - Gloss black

UPPER HANDLES and CONTROLS



DECALS

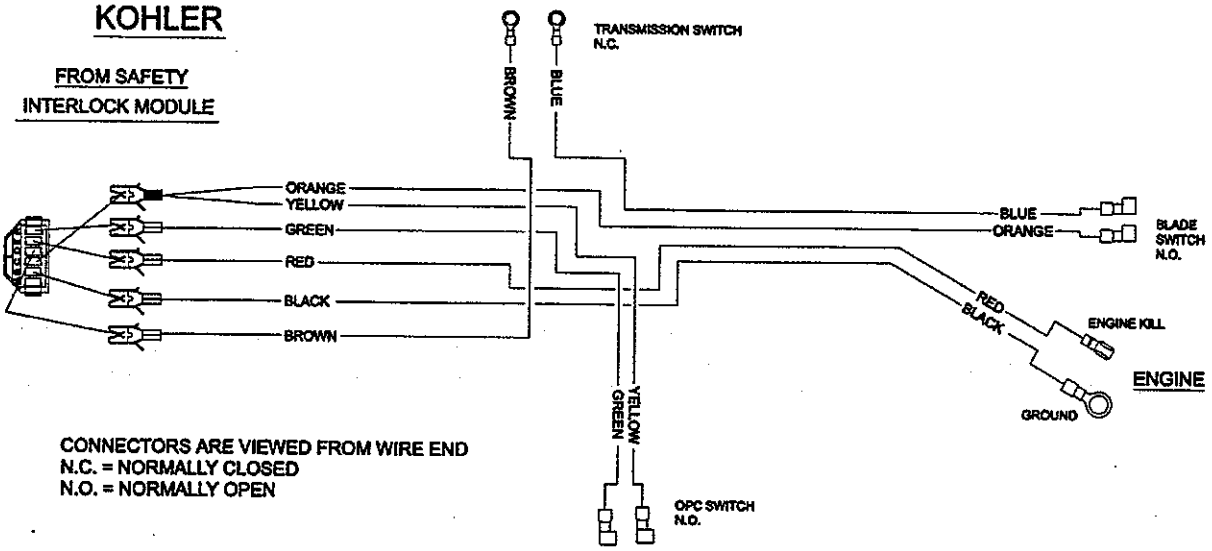


Ref. No.	Part No.	Description	Qty. Req'd.
1	373066	Decal, Patent Pending	1
2	323689	Decal, Thrttle/Choke (Koh)	1
3	323691	Decal, Throttle (17&15hp Kaw)	1
4	323699	Decal, Console (17&15hp Kaw)	1
5	323688	Decal, Console (Koh)	1
6	303293	Decal, 2 Min Cool	1
7	413371	Decal, MHP-swash	1
8	303520	Decal, Trivantage	1
9	323550	Decal, Neutral/P.Brake	2
10	403005	Decal, Danger (36)	1
	403005	Decal, Danger (48" & 52")	2
11	513746	Decal, Muffler	2
12	323312	Decal, Sm Metro Console	1
13	323540	Decal, Roller Mounting	1

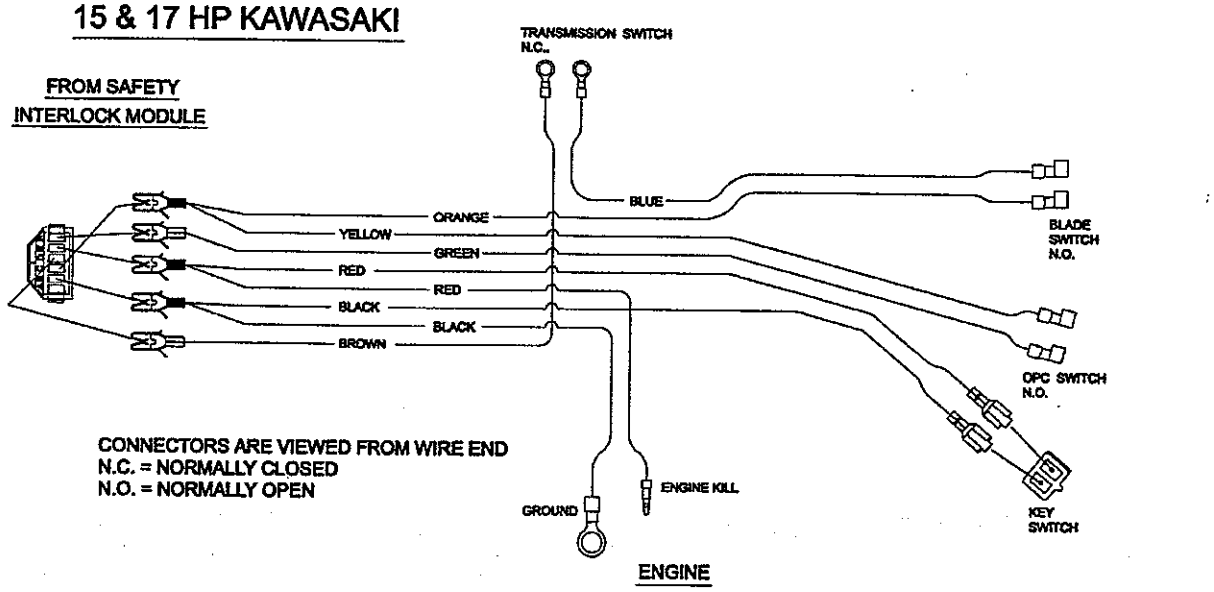
Ref. No.	Part No.	Description	Qty. Req'd.
14	403143	Decal, Sulky Warning	1
15	303517	Decal, Belt Drive	1
16	303518	Decal, Shifter	1
17	413206	Decal, Belt Routing (36")	1
18	413327	Decal, Belt Routing (48" & 52")	1
19	553049	Decal, Mower deck	1
20	413421	Decal, Indicator	1
21	403131	Decal, Commercial 48	1
22	403132	Decal, Commercial 52	1
23	323411	Decal, Commercial 36	1
24	303508	Decal, Discharge Warning	1
	414395	Decal Kit	1
25	643289	Decal, Patent No.	1

WIRING DIAGRAMS

KOHLER



15 & 17 HP KAWASAKI



SERVICE RECORD

Date	Description of Work Done	Service Done By

NOTES

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PRINTED IN U.S.A.

