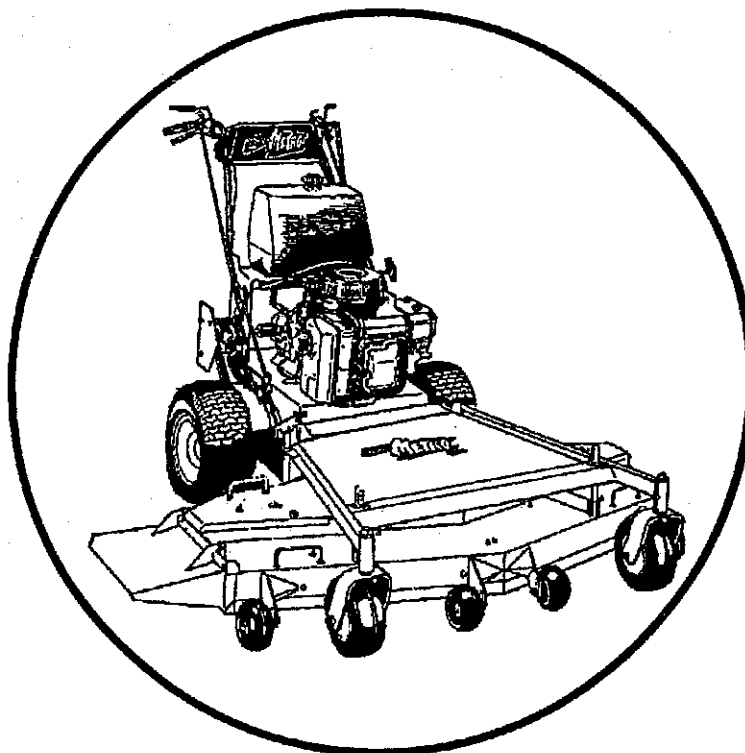




For Serial Nos.
150,000 and Higher

METRO HP



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 top front engine frame on the right hand side of the machine.

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

Model No. _____

Serial No. _____

Date Purchased _____

Purchased From _____

Part No. 850472



**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.	Ref. No.	Part No.	Description	Qty. Req'd.
1	414435	Shield, belt w/decals	1	43	800273	Screw, Hex Cap 5/16-18x1	2
	413098	Shield, belt	1	44	603001	Rod, Deck Support	2
2	323385	Knob, belt shield	4	45	806332	Rollpin, 1/4x1-1/2	2
3	323417	Washer, belt cover.....	4	46	800270	Screw, Hex Cap 5/16-18x5/8	3
4	414309	Support weldmt w/bushings & decals	1	47	414383	Deck weldmt w/decals, discharge baffle & support rods	1
	412108	Support weldmt	1		412104	Deck weldmt	1
5	★ 413425	Spacer, Front Deck Support	2	48	522480	Baffle, discharge	1
6	513336	Bushing, deck support	2	49	613204	Ball Joint	2
7	806007	Hairpin, Cotter	2	50	800299	Screw, Hex Cap 3/8-16x2-3/4	1
8	303164	Spacer, Blade Drive	2	51	800805	Screw, Hex Cap 3/8-16x3-1/2 G8.....	1
9	613203	Link, Deck Support	2	52	633482	Blade, 16.25	2
10	800293	Screw, Hex Cap 3/8-16x1-1/4	20	● 633484	Blade, 16.25 mulching	2	
11	804525	Nut, Reg Hex 3/8-24	2		633485	Blade, 16.25 low lift (optional)	2
12	808507	Ring, Retaining	2	53	513208	Washer, Spring disc	4
13	806006	Hairpin, Cotter	2	54	800340	Screw, Hex Cap 5/8-11x1	2
14	811001	Zerk, straight 1/8	2	55	603299	Roller, antiscalp	1
15	800292	Screw, Hex Cap 3/8-16x1	2	56	603602	Bushing, roller	1
16	805006	Washer, 3/8 heavy spring.....	2	57	800807	Screw, Hex Cap 3/8-16x4 G8	1
17	373034	Washer, Swivel	3	58	603050	Bushing Spacer	2
18	303514	Bearing, Flange	4	59	804510	Nut, Reg Hex 5/8-18	2
19	804509	Nut, Reg Hex 1/2-13	2	60	413424	Sheave w/Hub	2
20	805008	Washer, Lock Hlcl Spg 1/2 Reg	2	61	800295	Screw, Hex Cap 3/8-16x1-3/4	2
21	522143	Caster weldmt	2	62	513016	Bearing	4
22	800334	Screw, Hex Cap 1/2-13x6	2	63	614213	Link, Assembly	2
23	809007	Nut, Whizlock 3/8-16	12	64	323532	Housing, Spindle	2
24	303327	Washer, Disc Spring 3/8	11	65	323528	Spacer, Bearing	2
25	513648	Tire & Wheel Assembly	2	66	633573	Gaurd, Bearing-Bottom	2
	513807	Wheel & Hub	2	67	808502	Ring, Snap	2
	513808	Tire, 9x3.50-4 4-ply	2	68	807268	Key, machine	2
	513809	Roller Bearing	2	69	413330	Shaft, Spindle	2
	513810	Bushing	4	70	414335	Housing, Cutter Assembly	2
26	513547	Spacer	2	71	611216	Kit, Link Assembly	2
27	412238	Chute weldmt, discharge	1	72	★ 803031	Nut, Torque 3/8-24	2
28	413094	Belt, deck drive	1	73	*	Link, Service by 611216	2
29	633151	Spring, extension	1	74	★ 809035	Screw, Hex Taptite 3/8x16x1	12
30	804257	Nut, Nyloc 3/8-16	13	75	★ 811006	Zerk, Straight 1/4-28	2
31	805260	Washer, Flat Std 3/8	1	76	★ 413029	Sheave, w/Hub	2
32	513034	Pivot, Bearing	2	77	★ 543436	Washer, .060	4
33	811008	Zerk, 90 degree 1/4-28	1	78	★ 303543	Bearing, Spindle	4
34	803016	Bolt, Hex Whizlock 3/8-16x1	1	79	★ 303542	O-ring, Cutter Housing	2
35	805259	Washer, Flat 3/8 SAE	2	80	★ 413314	Housing, Bearing	2
36	413099	Pulley, Idler	1	81	★ 513188	Spacer, Bearing	2
37	412134	Arm, weldmt	1	82	★ 513193	Seal, Dust	2
	414144	Arm, Weldmt w/bushings	1	83	★ 808506	Ring, Snap	2
38	603384	Bushing, Idler Pivot	1	84	★ 413035	Shaft, Spindle	2
39	613098	Pulley, Idler	1	85	*	Housing, Cutter Assembly Service by 414335	2
40	413113	Bushing, Idler	1	86	323533	Spacer	2
41	804256	Nut, Nylock 5/16-18	2				
42	809001	Nut, Whizlock 5/16-18	3				

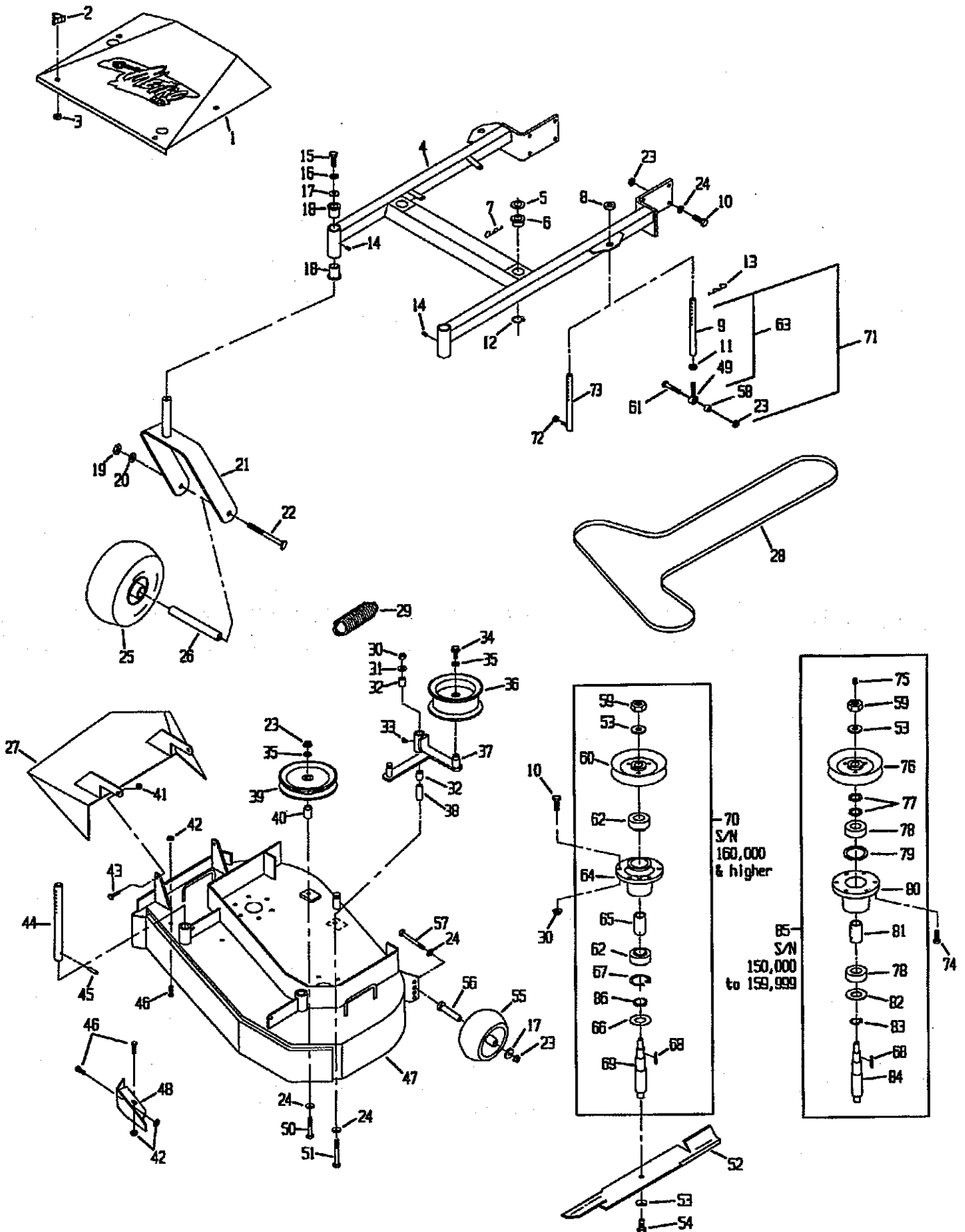
● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK363(36")

★ Replace both sides if unit is equipped with 3/16" thick washers.

* Used on S/N 159,999 and lower only.

Exmark red touch up spray paint - P/N 850337

36" MOWER DECK



48" MOWER DECK

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.	
1	414436	Shield, belt w/decals	1	45	806332	Rollpin, 1/4x1-1/2	2	
	413101	Shield, belt	1	46	800270	Screw, Hex Cap 5/16-18x5/8	3	
2	323385	Knob, belt shield	4	47	414384	Deck weldmt w/decals, discharge		
3	323417	Washer, belt cover.....	4			baffle & support rods	1	
4	414310	Support weldmt w/bushings &decals	1		412106	Deck weldmt	1	
	412110	Support weldmt	1	48	522480	Baffle, discharge	1	
5	★ 413425	Spacer, Front Deck Support	2	49	613204	Ball Joint	2	
6	513336	Bushing, deck support	2	50	800299	Screw, Hex Cap 3/8-16x2-3/4	2	
7	806007	Hairpin, Cotter	2	51	800805	Screw, Hex Cap G8 3/8-16x3-1/2	1	
8	303164	Spacer, Blade Drive	2	52	323515	Blade, 16.25	3	
9	613203	Link, Deck Support	2	● 403148	Blade, 16.25 mulching	3		
10	800293	Screw, Hex Cap 3/8-16x1-1/4	26		403149	Blade, 16.25 low lift (optional)	3	
11	804525	Nut, Reg Hex 3/8-24	2	53	513208	Washer, Spring disc	6	
12	808507	Ring, Retaining	2	54	800340	Screw, Hex Cap 5/8-11x1	3	
13	806006	Hairpin, Cotter	2	55	603299	Roller, antiscalp	4	
14	811001	Zerk, straight 1/8	2	56	603602	Bushing, roller	4	
15	800292	Screw, Hex Cap 3/8-16x1	2	57	800807	Screw, Hex Cap G8 3/8-16x4	4	
16	805006	Washer, 3/8 heavy spring.....	2	58	603050	Bushing Spacer	2	
17	373034	Washer, Swivel	6	59	804510	Nut, Reg Hex 5/8-18	3	
18	303514	Bearing, Flange	4	60	413424	Sheave w/Hub	3	
19	804509	Nut, Reg Hex 1/2-13	2	61	800295	Screw, Hex Cap 3/8-16x1-3/4	2	
20	805008	Washer, Lock Hchl Spg 1/2 Reg	2	62	513016	Bearing	6	
21	522143	Caster weldmt	2	63	614213	Link, Assembly	2	
22	800334	Screw, Hex Cap 1/2-13x6	2	64	323532	Housing, Spindle	3	
23	809007	Nut, Whizlock 3/8-16	16	65	323528	Spacer, Bearing	3	
24	303327	Washer, Disc Spring 3/8	15	66	633573	Gaurd, Bearing-Bottom	3	
25	513648	Tire & Wheel Assembly	2	67	808502	Ring, Snap	3	
	513807	Wheel & Hub	2	68	807268	Key, machine	3	
	513808	Tire, 9x3.50-4 4-ply	2	69	413330	Shaft, Spindle	3	
	513809	Roller Bearing	2	70	414335	Housing, Cutter Assembly	3	
	513810	Bushing	4	71	523471	Shield, Belt	2	
26	513547	Spacer	2	72	805258	Washer, Flat Std 5/16	6	
27	522478	Chute weldmt, discharge	1	73	800017	Bolt, Hex Tap 5/16-18x3 1/4	2	
28	413093	Belt, deck drive	1	74	611216	Kit, Link Assembly	2	
29	633151	Spring, extension	1	75	* 803031	Nut, Torque 3/8-24	2	
30	804257	Nut, Nyloc 3/8-16	19	76	*	Link, Service by 611216	2	
31	805260	Washer, Flat Std 3/8	1	77	* 413029	Sheave, w/Hub	3	
32	513034	Pivot, Bearing	2	78	* 543436	Washer, .060	6	
33	811008	Zerk, 90 degree 1/4-28	1	79	* 303543	Bearing, Spindle	6	
34	803016	Bolt, Whizlock 3/8-16x1	1	80	* 303542	O-ring, Cutter Housing	6	
35	805259	Washer, Flat 3/8 SAE	3	81	* 413314	Housing, Bearing	3	
36	413099	Pulley, Idler	1	82	* 513188	Spacer, Bearing	3	
37	412394	Arm, weldmt	1	83	* 513193	Seal, Mech Dust	3	
	414398	Arm, Weldmt w/bushings	1	84	* 808506	Ring, Snap	3	
38	603384	Bushing, Idler Pivot	1	85	* 413035	Shaft, Spindle	3	
39	613098	Pulley, Idler	2	86	*	Housing, Cutter Assembly,		
40	413113	Bushing, Idler	2			Service by 414335	3	
41	804256	Nut, Nylock 5/16-18	8	87	* 809035	Screw, Hex Taptite 3/8x16x1	18	
42	809001	Nut, Whizlock 5/16-18	5	88	* 811006	Zerk, Straight 1/4-28	3	
43	800273	Screw, Hex Cap 5/16-18x1	2	89		323533	Spacer	3
44	603001	Rod, Deck Support	2					

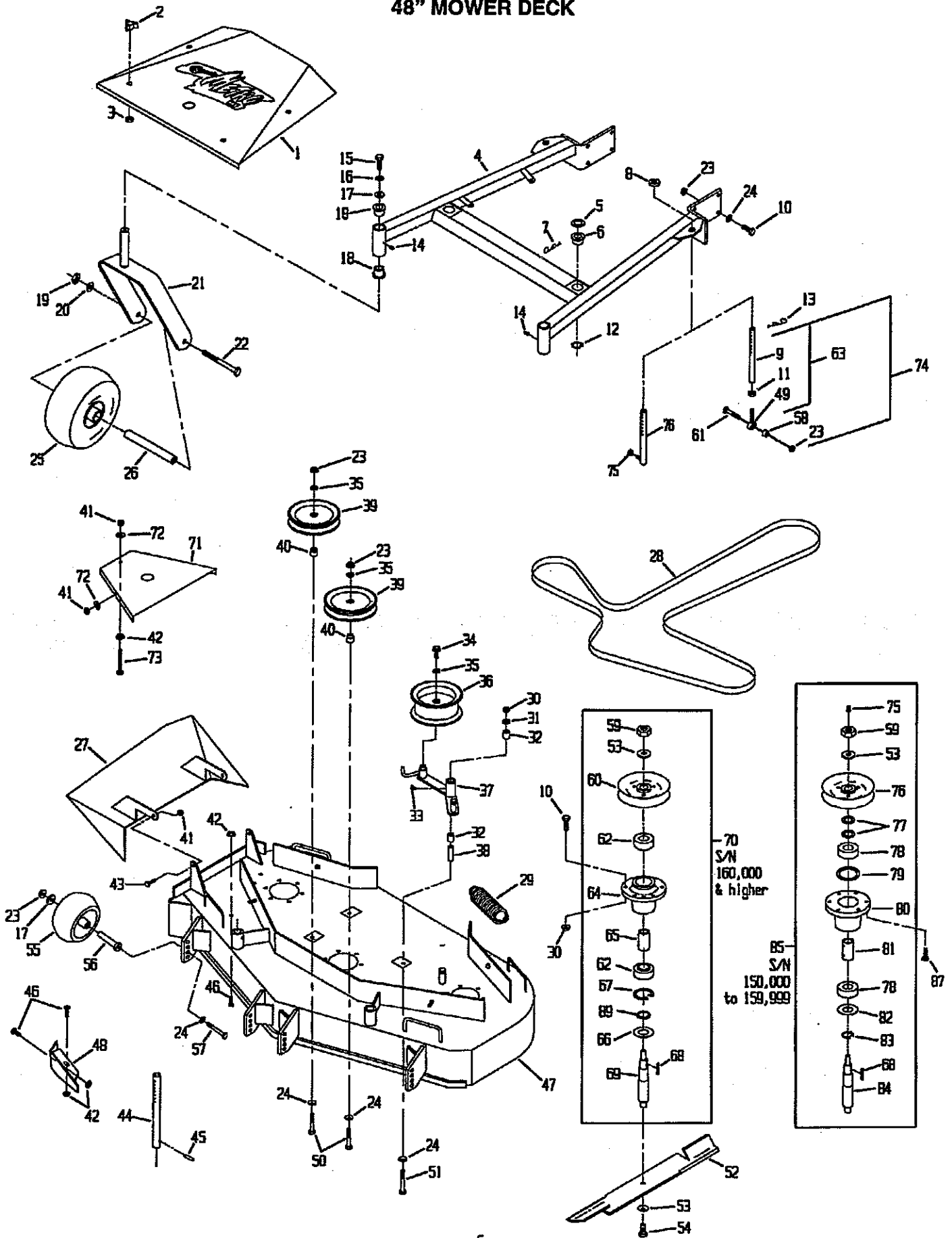
● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK483(48")

★ Replace both sides if unit is equipped with 3/16" thick washers.

* Used on S/N 159,999 and lower only.

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	806007	Hairpin, Cotter	2
8	303164	Spacer, Blade Drive	2
9	613203	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	806006	Hairpin, Cotter	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	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
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

Ref. No.	Part No.	Description	Qty. Req'd.
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, 16.25	3
	633484	Blade, 16.25 mulching	3
	633485	Blade, 16.25 low lift (optional)	3
53	513208	Washer, Spring disc	6
54	800340	Screw, Hex Cap 5/8-11x1	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	614213	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
72	★ 803031	Nut, Torque 3/8-24	2
73		Link, Service by 611216	2
74	611216	Kit, Link Assembly	2
75	★ 811006	Zerk, Straight 1/4-28	3
76	★ 413029	Sheave, w/Hub	3
77	★ 543436	Washer, .060	6
78	★ 303543	Bearing, Spindle	6
79	★ 303542	O-ring, Cutter Housing	3
80	★ 413314	Housing, Bearing	3
81	★ 513188	Spacer, Bearing	3
82	★ 513193	Seal, Dust	3
83	★ 808506	Ring, Snap	3
84	★ 413035	Shaft, Spindle	3
85		Housing, Cutter Assembly, Service by 414335	3
86	★ 809035	Screw, Hex Tapite 3/8x16x1	18
87	323533	Spacer	3

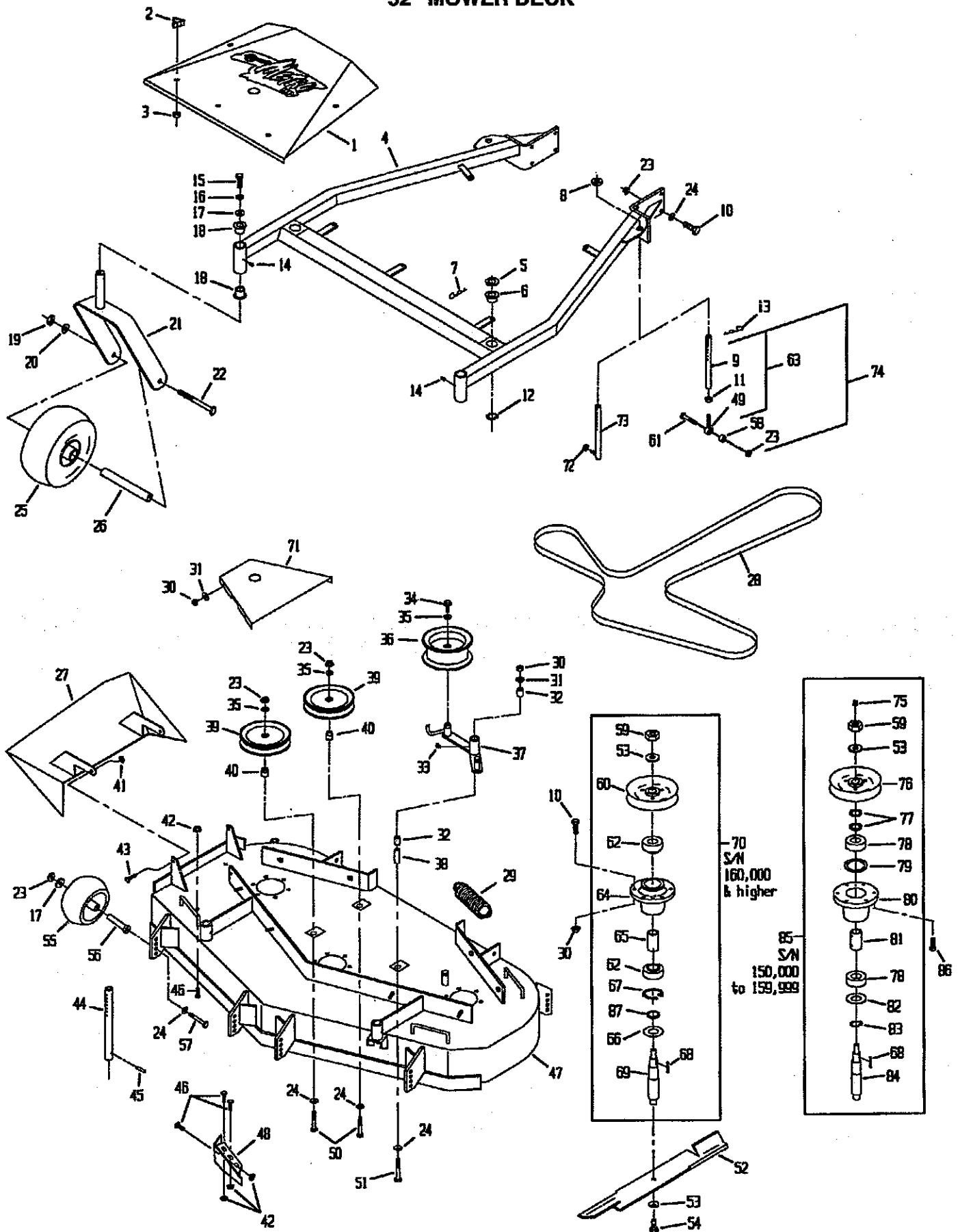
● Requires installation of Micro-Mulch accessory for proper mulching. Mulch kit P/N MK523(52")

★ Replace both sides if unit is equipped with 3/16" thick washers.

* Used on S/N 159,999 and lower only.

Exmark red touch up spray paint - P/N 850337

52" MOWER DECK



ENGINE DECK GROUP

Ref. No.	Part No. Description	Qty. Req'd.	Ref. No.	Part No. Description	Qty. Req'd.
1	323250 Grip, Foam	1	45	800032 Bolt, Hex Tap 3/8-16x3	2
2	804264 Nut, Nyloc 3/8-24	1	46	323368 Swivel, Short	2
3	303327 Washer, Disc Spring 3/8	7	47	323548 Linkage, Brake	2
4	323379 Washer, Shifter Lever	1	48	322125 Swivel, Weldmt Brake Linkage	2
5	323500 Transmission, Peerless	1	49	323245 Spring, Compression	2
6	811006 Zerk, Straight 1/4-28 5/32	6	50	805257 Washer, Flat SAE 5/16	4
7	323501 Coupling, Transmission 9 spline	2	51	513959 Wingnut, Nyloc 5/6	2
8	807009 Key Woodruff #9 3/4x3/16	3	52	412373 Deck, Weldmt Engine	1
9	323502 Shaft, Transmission Output 9 spline.....	2	53	808522 Ring, Klip 3/8	2
10	322152 Lever, Shift w/Grip.....	1	54	808520 Ring, Klip 5/16	2
11	303282 Switch, Neutral Start	1	55	323283 Spacer, Shield	4
12	809013 Screw, Hex Tap 5/16-18x3/4	4	56	412379 Arm, Wldmt RH (shown).....	1
13	809001 Nut, Whizlock 5/16-18	14		412378 Arm, Wldmt LH	1
14	323387 Plate, Shifter	1	57	800275 Screw, Hex Cap 5/16-18x1 1/2	2
15	807503 Bolt, Carriage 5/16-18x3/4	2	58	804256 Nut, Nyloc 5/16-18.....	2
16	323389 Leg, Shifter Plate	2	59	800306 Screw, Hex Cap 3/8-16x5	4
17	323526 Ball, Stainless Steel	1	60	413359 Shield, Wheel Drive	2
18	805005 Washer, Lock Hlcl Spg 5/16	4	61	800274 Screw, Hex Cap 5/16-18x1 1/4	8
19	800271 Screw, Hex Cap 5/16-18x3/4	4	62	323261 Brake Drum	2
20	808523 Ring, Retaining	2	63	413331 Sheave, Wheel Drive w/offset	2
21	323252 Bearing, Transmission Shaft	2	64	413332 Sheave, Wheel Drive	2
22	804255 Nut, Nyloc 1/4-20	4	65	543511 Seal, Grease	2
23	800251 Screw, Hex Cap 1/4-20x5/8	4	66	543509 Cone, Bearing L44643	4
24	323254 Flange, Output	2	67	543508 Cup, Bearing L44610.....	4
25	✧ 803310 Screw, Set 5/16-18x3/8	2	68	413333 Wheel, Hub w/cups	2
26	413355 Sleeve, Axle	1	69	523157 Washer, Spacer	2
27	413334 Sheave, Transmission Output	2	70	806800 Pin, Cotter 9/64x1-1/2	2
28	809007 Nut, Whizlock 3/8-16	28	71	809082 Nut, Slotted Hex	2
29	412376 Axle Weldmt	2	72	543513 Cap, Grease	2
30	543556 Spacer, Wheel	2	73	603714 Wheel & Tire Assembly	2
31	413347 Bushing, Sleeve	4		603427 Tire 16x6.50-8	2
32	414375 Lever, Brake RH w/bushings (shown) ...	1		603715 Wheel	2
	414374 Lever, Brake LH w/bushings	1	74	513011 Nut, Wheel 1/2-20	8
33	413344 Bushing, Pivot	2	75	413341 Belt, Wheel Drive Banded	2
34	805260 Washer, Flat Std 3/8	2	76	411255 Kit, Sulky Hitch	1
35	800296 Screw, Hex Cap 3/8-16x2	2	77	413252 Bracket, Sulky LH	1
36	803051 Nut, Push .38	2	78	413254 Bracket, Sulky RH	1
37	800295 Screw, Hex Cap 3/8-16x1 3/4	2	79	▲ 403124 Elbow, Street 3/8 NPT (B&S).....	1
38	323262 Brake Band	2	80	▲ 543233 Cap, 3/8 NPT Hex (Koh & B&S).....	1
39	323307 Pin, Clevis	2	81	▲ 543232 Nipple, 3/8 NPTx4 (B&S)	1
40	800292 Screw, Hex Cap 3/8-16x1	12	82	▲ 323326 Nipple, 3/8 NPTx3 (Koh)	1
41	804752 Nut, Jam 3/8-16	2	83	▲ 303431 Elbow, Brass 90° (Koh & B&S).....	1
42	804257 Nut, Nyloc 3/8-16	6	84	412358 Scraper, Wldmt	2
43	603402 Spring, Extension	2	85	413353 Pin, Threaded	2
44	323277 Idler, Wheel Drive	2	86	806003 Cotter, Hairpin .0585 #2	2

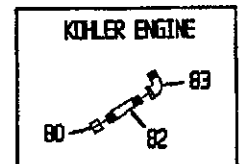
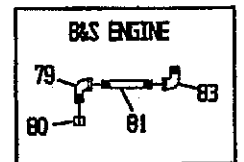
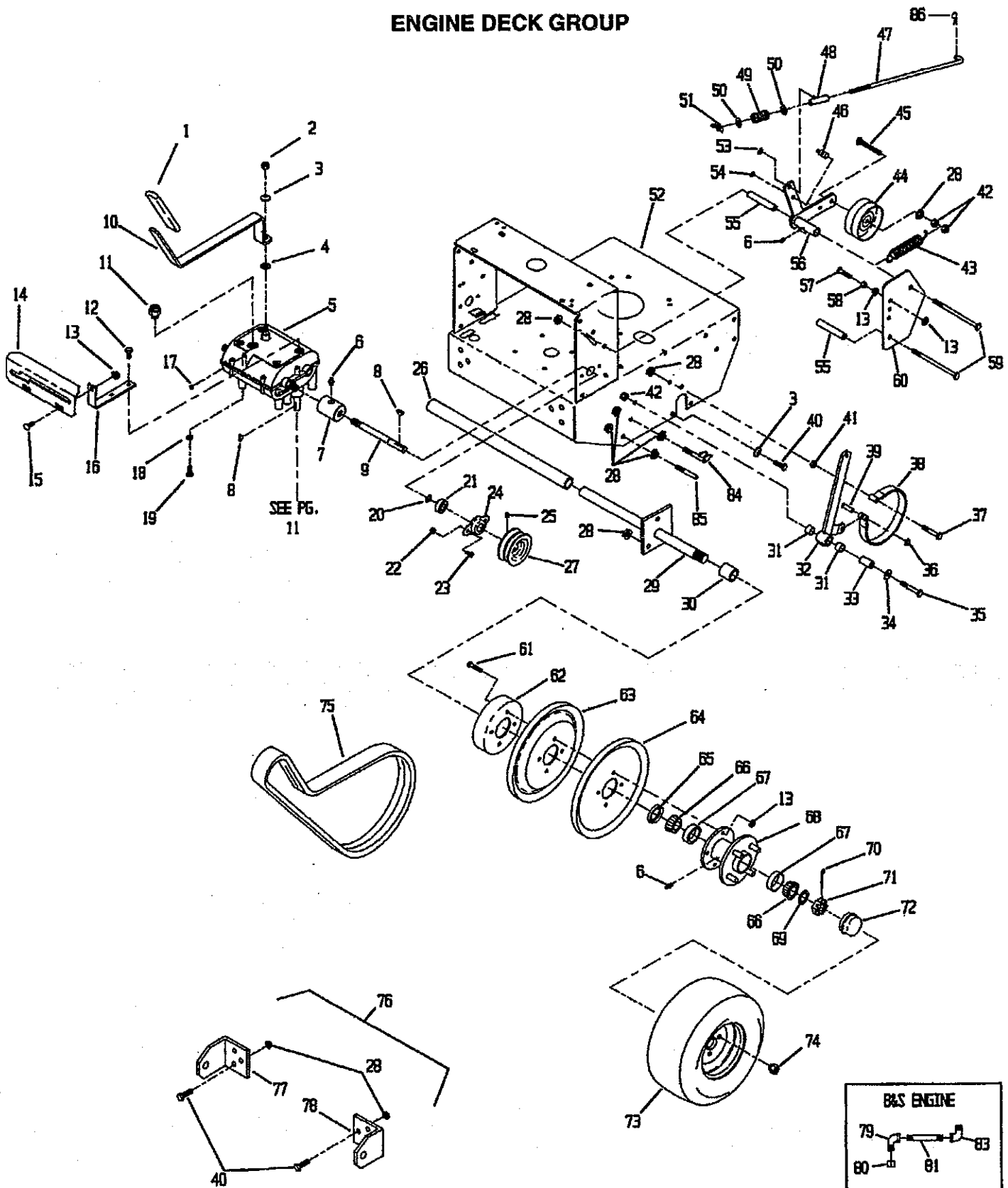
✧ Use Pro-lock (Nut type) Part No. 840022 (.5ml tube) on setscrew threads.

▲ Use Teflon Pipe Sealant (or equivalent) on all threaded areas.

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.	Ref. No.	Part No. Description	Qty. Req'd.
1	800273 Screw, Hex Cap 5/16-18x1	6	33	414143 Link Pivot w/Bearing	1
2	805258 Washer, Flat Std 5/16	2	34	811006 Zerk, Straight 1/4-28	1
3	809001 Nut, Whizlock 5/16-18 (Kaw 14 HP & Koh	7	35	603044 Bushing, Idler Pivot	1
	809001 Nut, Whizlock 5/16-18 (Kaw 17 HP & B&S	11	36	800297 Screw, Hex Cap 3/8-16x2-1/4	1
4	413009 Plate, Guard	1	37	800274 Screw, Hex Cap 5/16-18x1-1/4	1
5	◇ 800521 Screw, Hex Cap 3/8-24x1 G8	1	38	800254 Screw, Hex Cap 1/4-20x1	2
6	303327 Washer, Disc Spring 3/8	2	39	809012 Nut, Whizlock 1/4-20	4
	303327 Washer, Disc Spring 3/8 (14 HP Kaw) ..	3	40	523498 Spring, Motion Control	1
7	373034 Washer, Swivel	2	41	303334 Washer, Disc Spring 5/16	5
8	800271 Screw, Hex Cap 5/16-18x3/4	1	42	◇ 809080 Screw, Hex Cap M10x1.55x55 mm	
9	▲ 412031 Sheave, w/Drum (36" & 52")	1		(Kaw 14 HP only)	1
	▲ 412028 Sheave, w/Drum (48")	1	◇ 800819 Screw, Hex Cap 7/16-20x2 1/2		
10	807259 Key, Mach 1/4x1/4x1	1		(Koh, B&S, & Kaw 17 HP only)	1
11	412138 Pivot Pin Wldmnt	1	43	603610 Disc, Spring 7/16	
12	413062 Band, Brake Clutch	1		(Koh, B&S, & Kaw 17 HP only)	2
13	804257 Nut, Nyloc 3/8-16	5	44	603609 Bushing, Clutch Keeper	1
14	413235 Washer, Spacer	1	45	▲ 413339 Sheave, Engine	1
15	413207 Pivot, Bearing	2	46	807264 Key, Machine 1/4x1/4x2-5/8	1
16	412417 Arm Weldmt, Clutch	1	47	412325 Guide, Belt Weldmt	1
	414418 Clutch Arm w/Bearings	1	48	413096 Belt, Blade Clutch	1
17	811007 Zerk, 1/4-28x45	1	49	▲ 323278 Sheave, Transmission	1
18	▲ 413111 Bearing, Clutch Shaft	2	50	◇ 803293 Screw, Set 1/4-20x3/8	2
19	808502 Ring, Snap	2	51	805262 Washer, Flat Std 7/16	2
20	413012 Spacer, Bearing Clutch	1	52	805259 Washer, Flat SAE 3/8	1
21	523157 Washer, Spacer	1	53	323285 Idler, Transmission Drive	1
22	▲ 412011 Sheave w/Shaft	1	54	◇ 803310 Screw, Set 5/16-18x3/8	1
23	413049 Plate, Clutch Pivot	1	55	▲ 323256 Sheave, Transmission Drive	1
24	809007 Nut, Whizlock 3/8-16	3	56	413340 Spacer, Crankshaft	1
25	804256 Nut, Nyloc 5/16-18	1	57	323280 Belt, Transmission Drive	1
26	213069 Washer, Strut	1	58	800275 Screw, Hex Cap 5/16-18x1 1/2	
27	513113 Spring, Belt Tension	1		(B&S & Kaw 17 HP)	4
28	543007 Spacer, Clutch Anchor	1		809072 Screw, Hex Cap M8-1.25x25 mm	
29	805260 Washer, Flat Std 3/8	1		(Kaw 14 HP & Koh)	4
30	513034 Pivot, Bearing	2	59	800294 Screw, Hex Cap 3/8-16x1 1/2	2
31	806003 Pin, Hair Cotter .0585 #2	1	60	807511 Bolt, Carriage SSN 3/8-16x2	1
32	413282 Linkage, Lower	1			

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

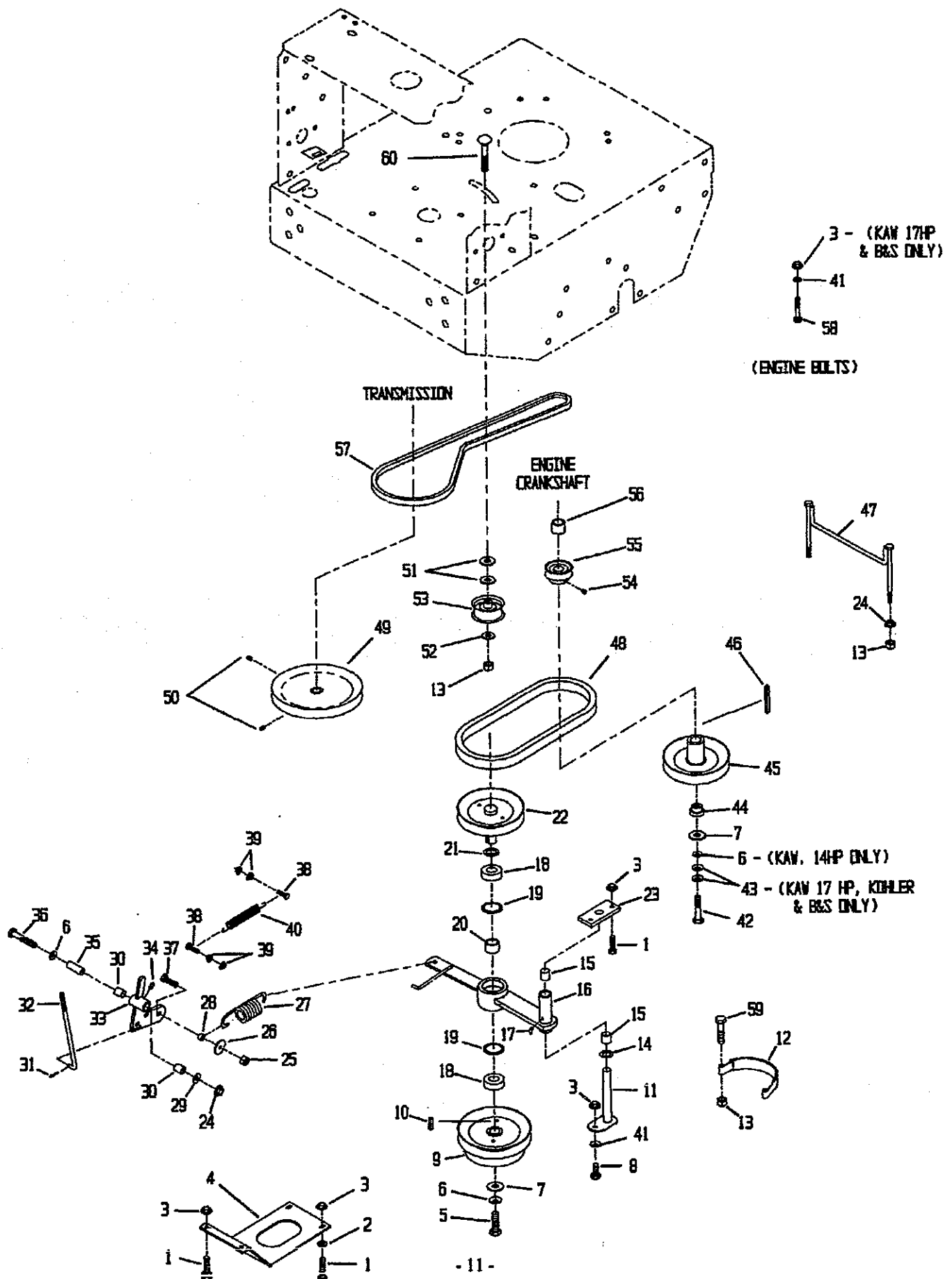
▲ Use anti-seize compound in the following locations:

- ▶ 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.

Exmark red touch up spray paint - P/N 850337

Exmark black touch up spray paint - Gloss black

ENGINE DECK GROUP (CONT.)

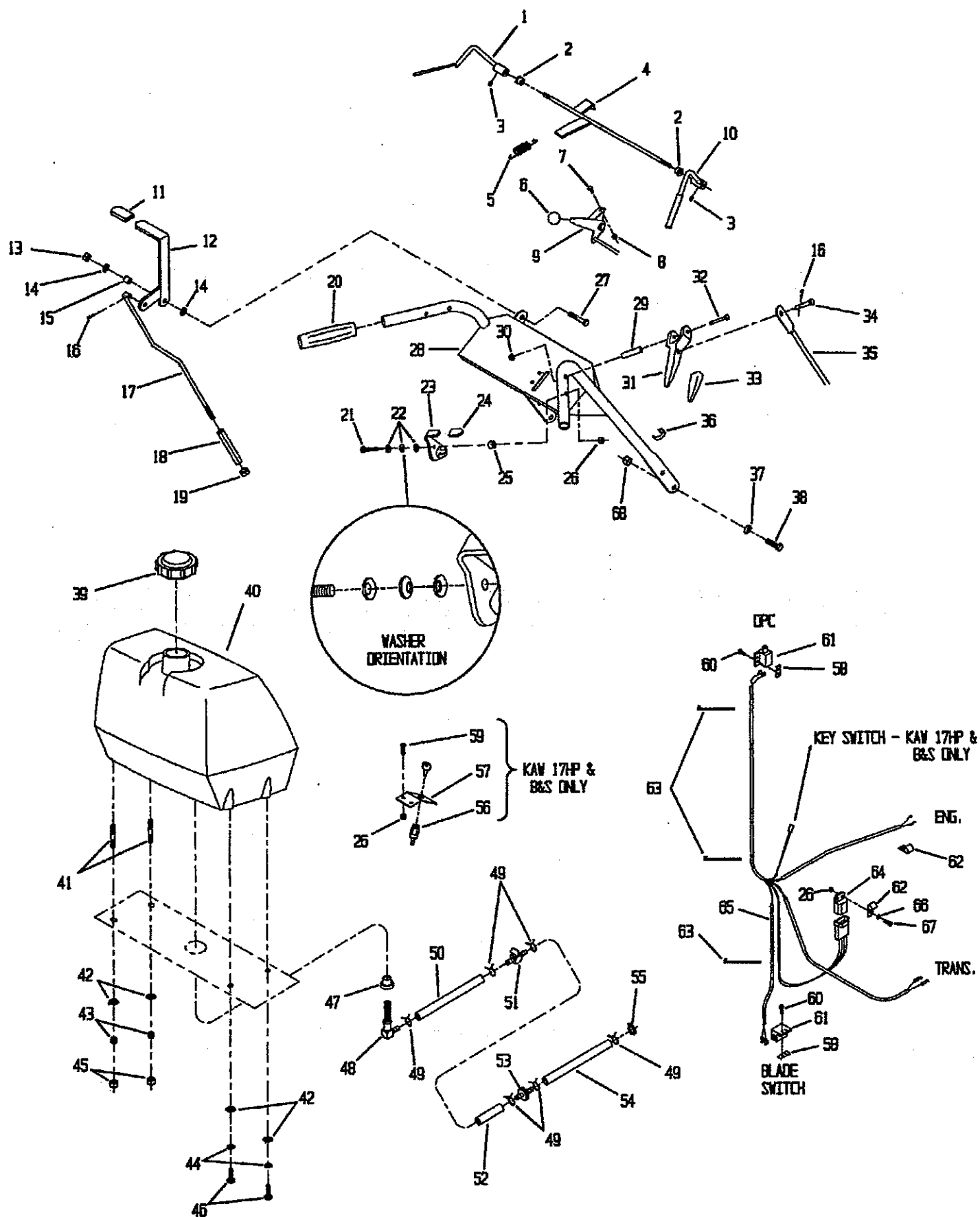


UPPER HANDLES and CONTROLS

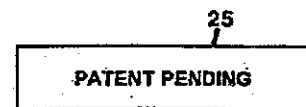
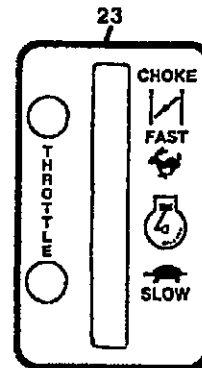
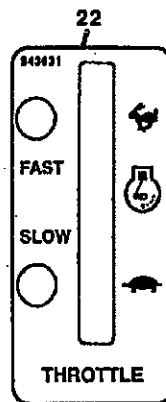
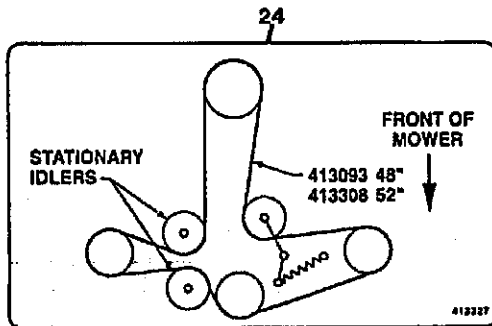
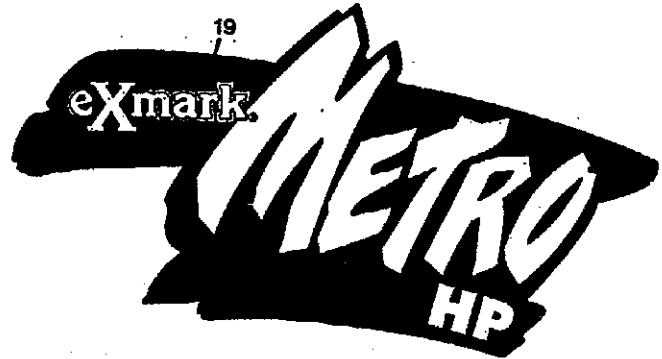
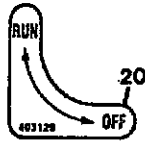
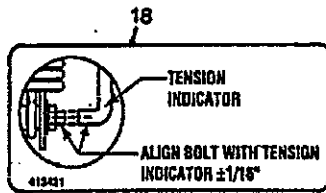
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	▽ 412183	Lever, Wldmt OPC LH	1	38	800292	Screw, Hex Cap 3/8-16x1	4
2	303365	Bushing, Nylon	2	39	513508	Cap, Fuel Tank	1
3	• 803322	Screw, Set .312-24x.312	2	40	413179	Tank, Fuel Intermediate	1
4	322192	Rod Weldmt, OPC	1	41	▽ 633023	Stud	2
5	303363	Spring, Actuator	1	42	805257	Washer, Flat SAE 5/16	4
6	513592	Knob, Ball Red	1	43	633349	Spring, Fuel tank	2
7	807513	Bolt, Carriage #10-24x1/2 G2	2	44	805005	Washer, Lock Hchl Spg 5/16 Hvy	2
8	804252	Nut, Nyloc #10-24	2	45	804256	Nut, Nyloc 5/16-18	2
9	323129	Cable, Throttle Control (Koh & Kaw 14 HP)	1	46	800271	Screw, Hex Cap 5/16-18x3/4	2
	633696	Cable, Throttle Control (B&S)	1	47	513645	Bushing, Fuel Valve	1
	413428	Cable, Throttle Control (Kaw 17 HP)	1	48	543277	Elbow w/Screen	1
10	▽ 412185	Lever, Wldmt OPC RH	1	49	303077	Clamp, Fuel line (B&S & Kaw 17 HP) ..	4
11	303020	Grip, Lever	1		303077	Clamp, Fuel line (Kaw 14 HP)	5
12	414234	Clutch Lever w/Grip	1		303077	Clamp, Fuel line (Koh)	6
13	804257	Nut, Nyloc 3/8-16	1	50	603955	Hose, Fuel line 6" (Koh & Kaw 14 HP) .	1
14	805260	Washer, Flat Std 3/8	2		543649	Hose, Fuel line 7" (B&S & Kaw 17 HP) .	1
15	413088	Spacer	1	51	603770	Valve, Fuel	1
16	806003	Pin, Hair Cotter .0585 #2	3	52	603776	Hose, Fuel line 2.5" (Kaw 14 HP & Koh)	1
17	413293	Linkage, Upper	1		303471	Hose, Fuel line 12" (B&S & Kaw 17 HP)	1
18	413279	Turnbuckle, 3/8-16 SS	1	53	303197	Filter, Fuel	1
19	804507	Nut, Reg Hex 3/8-16	1	54	303471	Hose, Fuel line 12" (Kaw 14 HP)	1
20	303097	Grip, Handle	2		603954	Hose, Fuel line 13.75" (Koh)	1
21	800259	Screw, Hex Cap 1/4-20x2 1/4	2	55	303308	Clamp, Fuel line (Kaw 14 HP)	1
22	303435	Washer, Disc Spring 1/4	6	56	403121	Switch, On/Off (B&S & Kaw 17 HP)	1
23	324279	Latch, thumb LH w/grip	1		603511	Key, Ignition	1
	324280	Latch, thumb RH w/grip	1	57	403118	Bracket, Key Switch (B&S & Kaw 17 HP)	1
24	303019	Grip, Latch	2	58	633181	Plate, Tapped	2
25	323549	Spacer	2	59	800251	Screw, Hex Cap 1/4-20x5/8 (B&S & Kaw 17 HP)	2
26	804255	Nut, Nyloc 1/4-20	3	60	803028	Screw, Mach CRPH 10-24x5/8	4
	804255	Nut, Nyloc 1/4-20 (B&S & Kaw 17 HP) ..	5	61	513051	Switch, Neutral Lockout	2
27	800295	Screw, Hex Cap 3/8-16x1-3/4	1	62	323229	Clip, 3/8 Loom	2
28	412372	Handle Wldmt	1	63	303287	Tie, Plastic	4
29	806340	Pin, Roll 5/16x1.....	2	64	323430	Module, Wiring Harness	1
30	803001	Nut, Pal 3/16	2	65	• 413360	Harness, Wiring (Kaw 14 HP)	1
31	302006	Lever, Drive w/grip	2		• 413357	Harness, Wiring (Koh)	1
32	808250	Pin, Clevis 3/16x1 3/4	2		• 413361	Harness, Wiring (B&S)	1
33	303021	Grip, Drive Lever	1		• 413429	Harness, Wiring (Kaw 17 HP)	1
34	808286	Pin, Clevis 5/16x1 7/8	2	66	805256	Washer, Flat Std 1/4	1
35	413338	Linkage, Drive Wheel	2	67	800252	Screw, Hex Cap 1/4-20x3/4	1
36	303088	Clip, Cable	1	68	809007	Nut, Whizlock 3/8-16	4
37	303327	Washer, Disc Spring 3/8	4				

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

UPPER HANDLES and CONTROLS



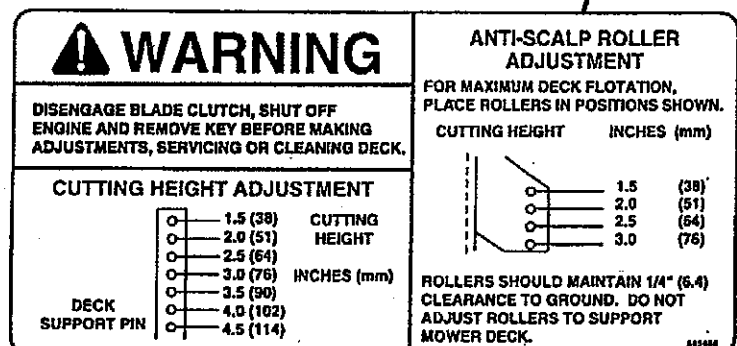
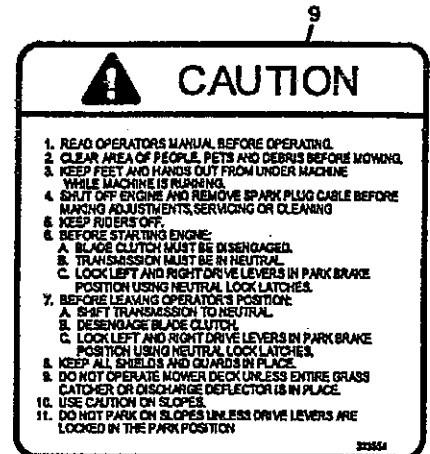
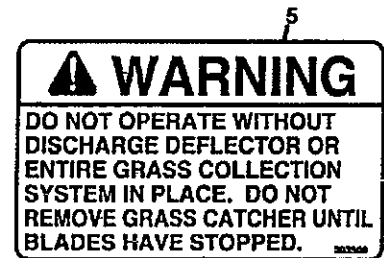
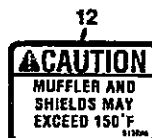
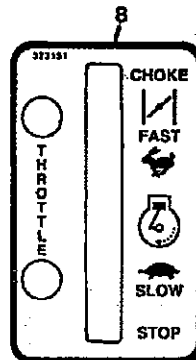
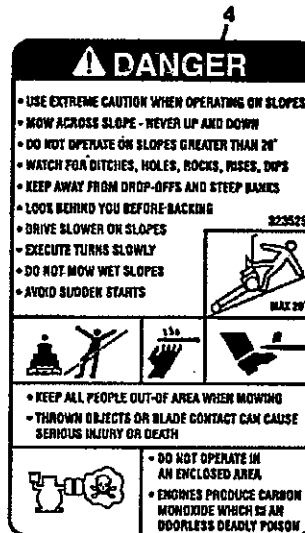
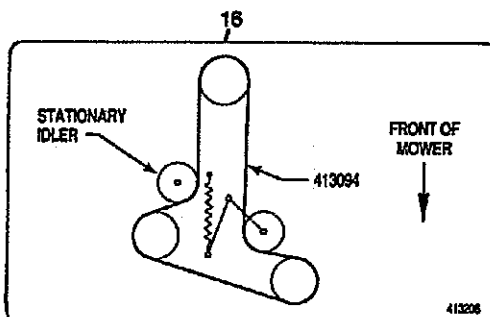
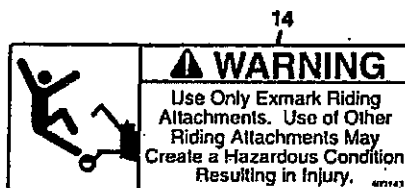
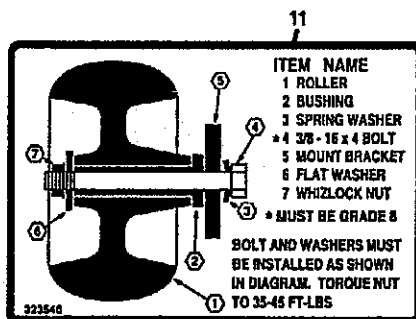
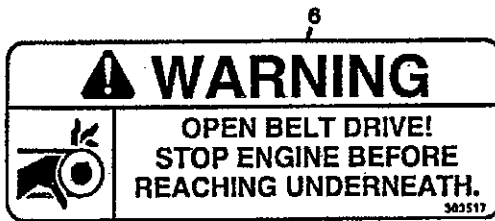
DECALS



Ref. No.	Part No.	Description	Qty. Req'd.
1	303100	Decal, Cutter Blade	1
2	323550	Decal, Neutral/P.Brake	2
3	303293	Decal, 2 Min Cool	1
4	323525	Decal, Danger	1
5	303508	Decal, Discharge Warning	1
6	303517	Decal, Belt Drive	1
7	303520	Decal, Trivantage	1
8	323151	Decal, Throttle (Kaw 14 HP & Koh)	1
9	323554	Decal, Instructional	1
10	323411	Decal, Commercial 36	1
11	323540	Decal, Roller Mounting	1
12	513746	Decal, Muffler	2
13	403005	Decal, Danger (36)	1
	403005	Decal, Danger (48" & 52")	2

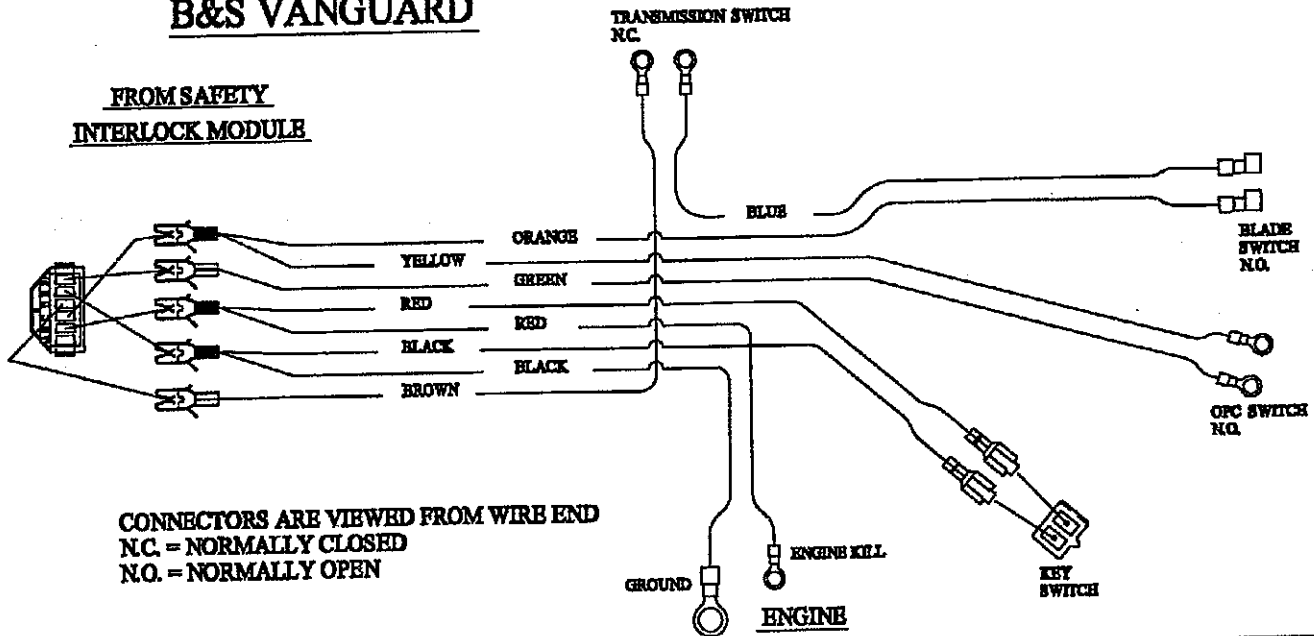
Ref. No.	Part No.	Description	Qty. Req'd.
14	403143	Decal, Sulky Warning	1
15	403132	Decal, Commercial 52	1
16	413206	Decal, Belt Routing (36")	1
17	543660	Decal, Mower deck	1
18	413421	Decal, Indicator	1
19	413371	Decal, MHP-swash	1
20	403120	Decal, Off/Run (B&S & Kaw 17 HP)	1
21	323312	Decal, Sm Metro Console	1
22	543631	Decal, Throttle (B&S)	1
23	323409	Decal, Throttle/Choke (Kaw 17 HP)	1
24	413327	Decal, Belt Routing (48" & 52")	1
25	373066	Decal, Patent Pending	1
26	403131	Decal, Commercial 48	1
27	303518	Decal, Shifter	1

DECALS

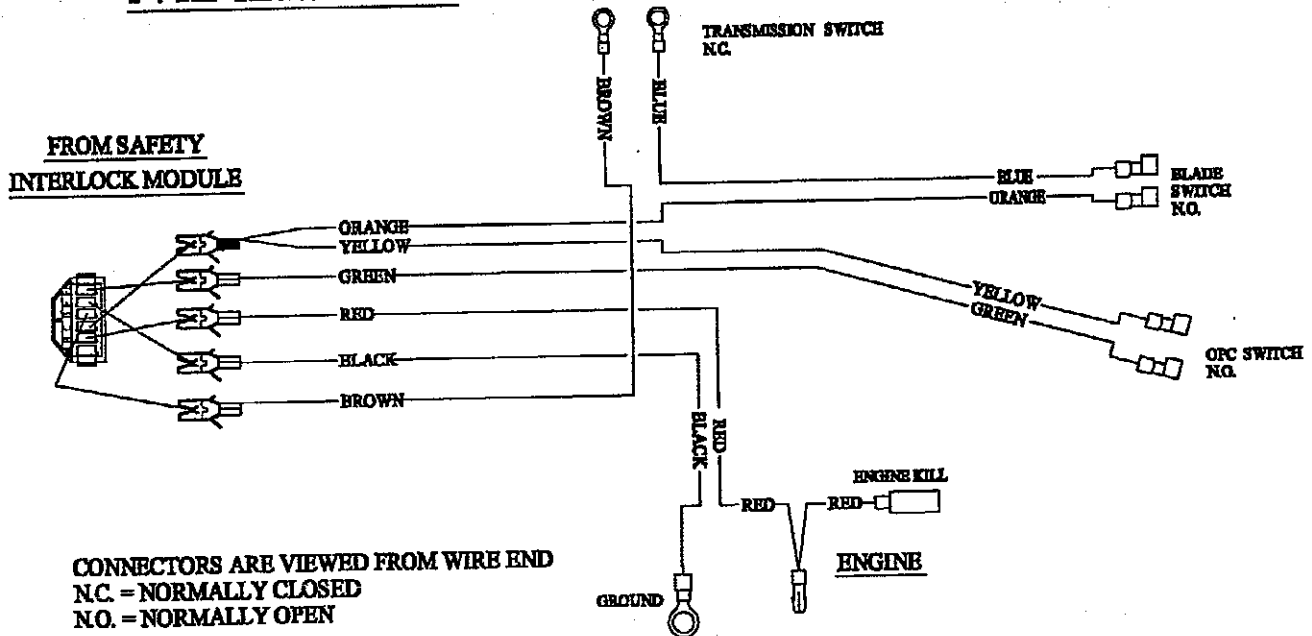


WIRING DIAGRAMS

B&S VANGUARD



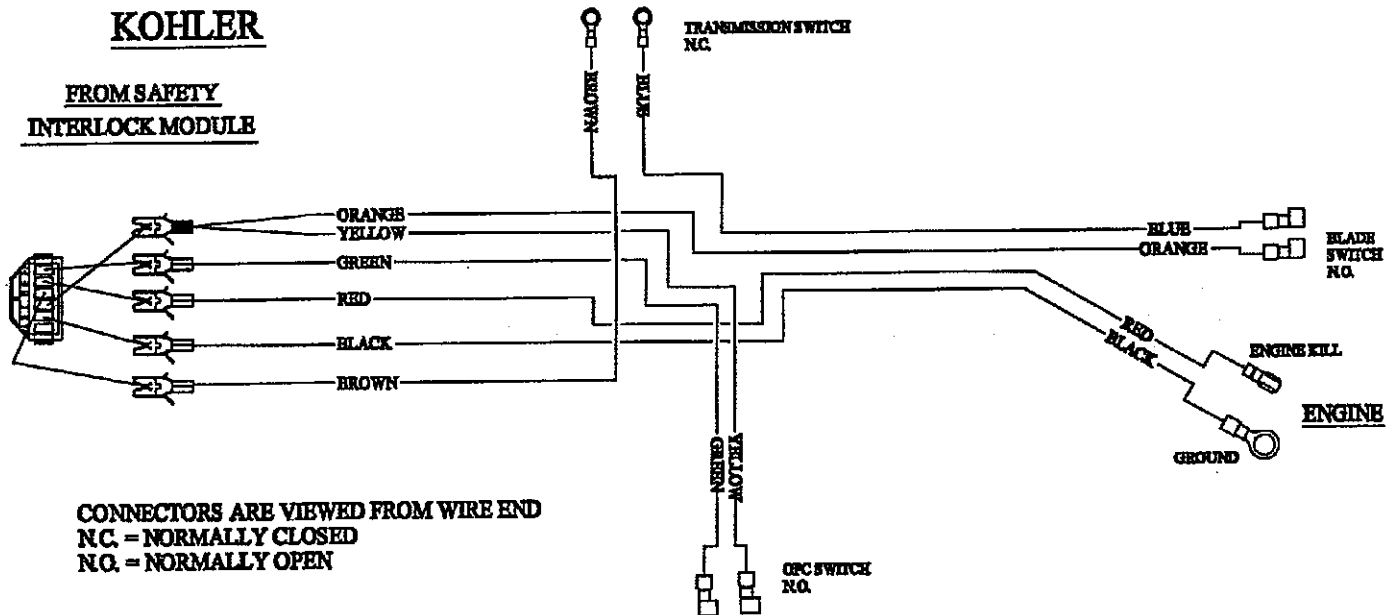
14 HP KAWASAKI



WIRING DIAGRAMS

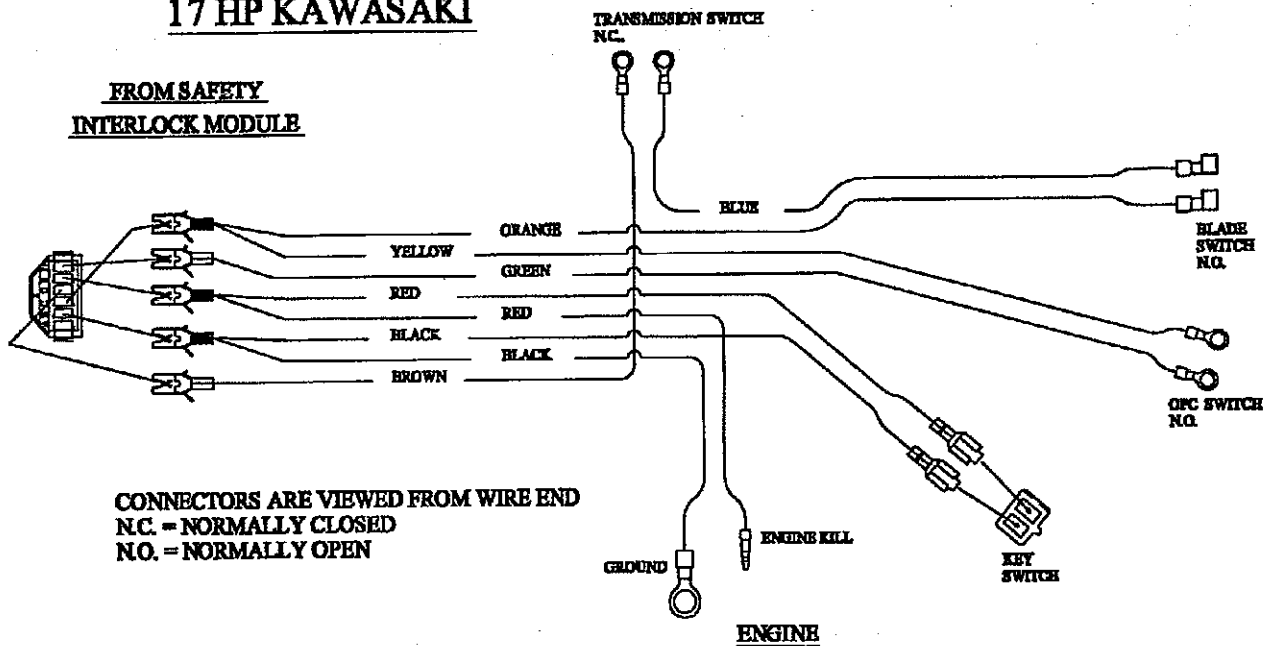
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