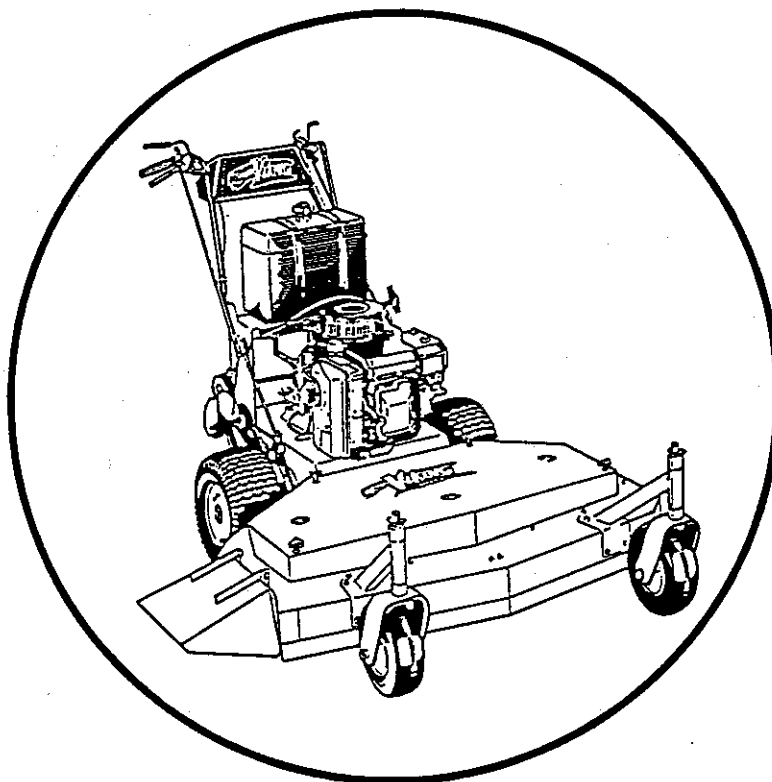




For Serial Nos.
115,000 and Higher

VIKING 5-SPEED



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. 850407

EXMARK PARTS PLUS® PROGRAM

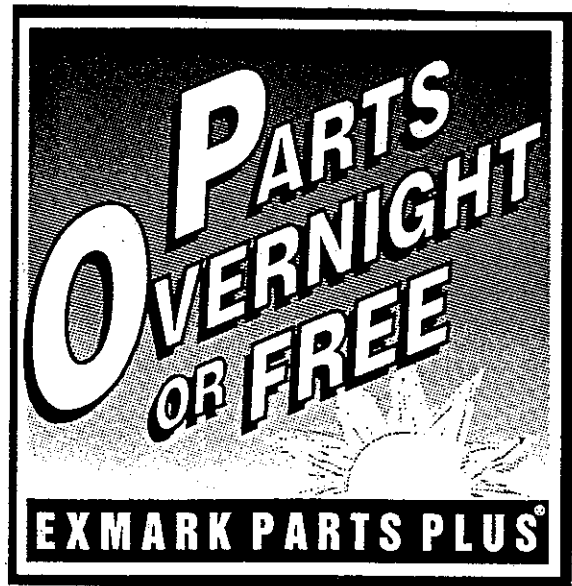
EFFECTIVE DATE: September 1, 1995

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.

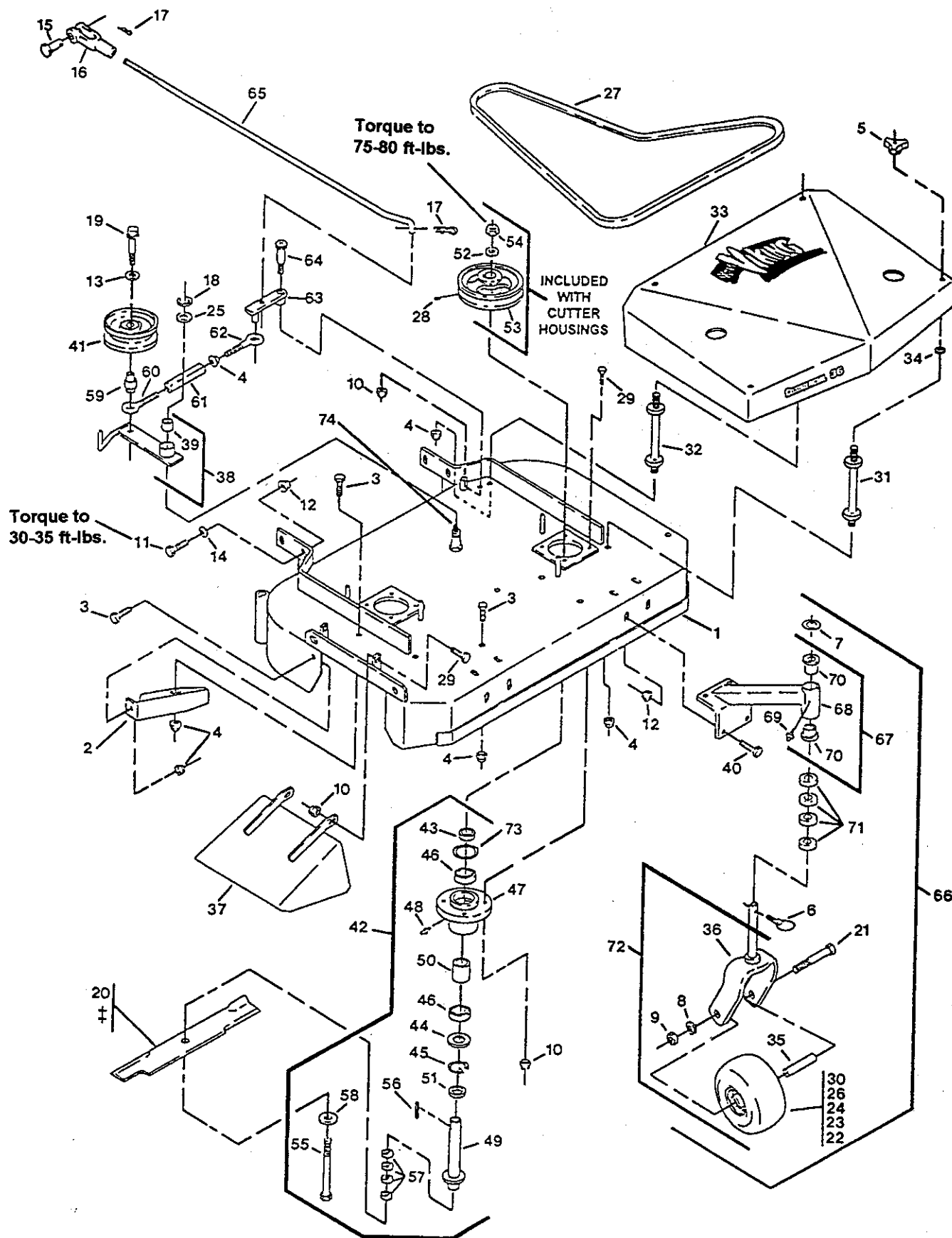


**READ OPERATOR'S OPERATOR'S MANUAL BEFORE
OPERATING OR SERVICING EXMARK EQUIPMENT.**

TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
Decals	16
Engine Deck Group	10 -13
52" Mower Deck	7 -9
48" Mower Deck	4 - 6
36" Mower deck	2, 3
Upper Handles and Controls	14 - 15
Wiring Diagrams	17

36" MOWER DECK



36" MOWER DECK

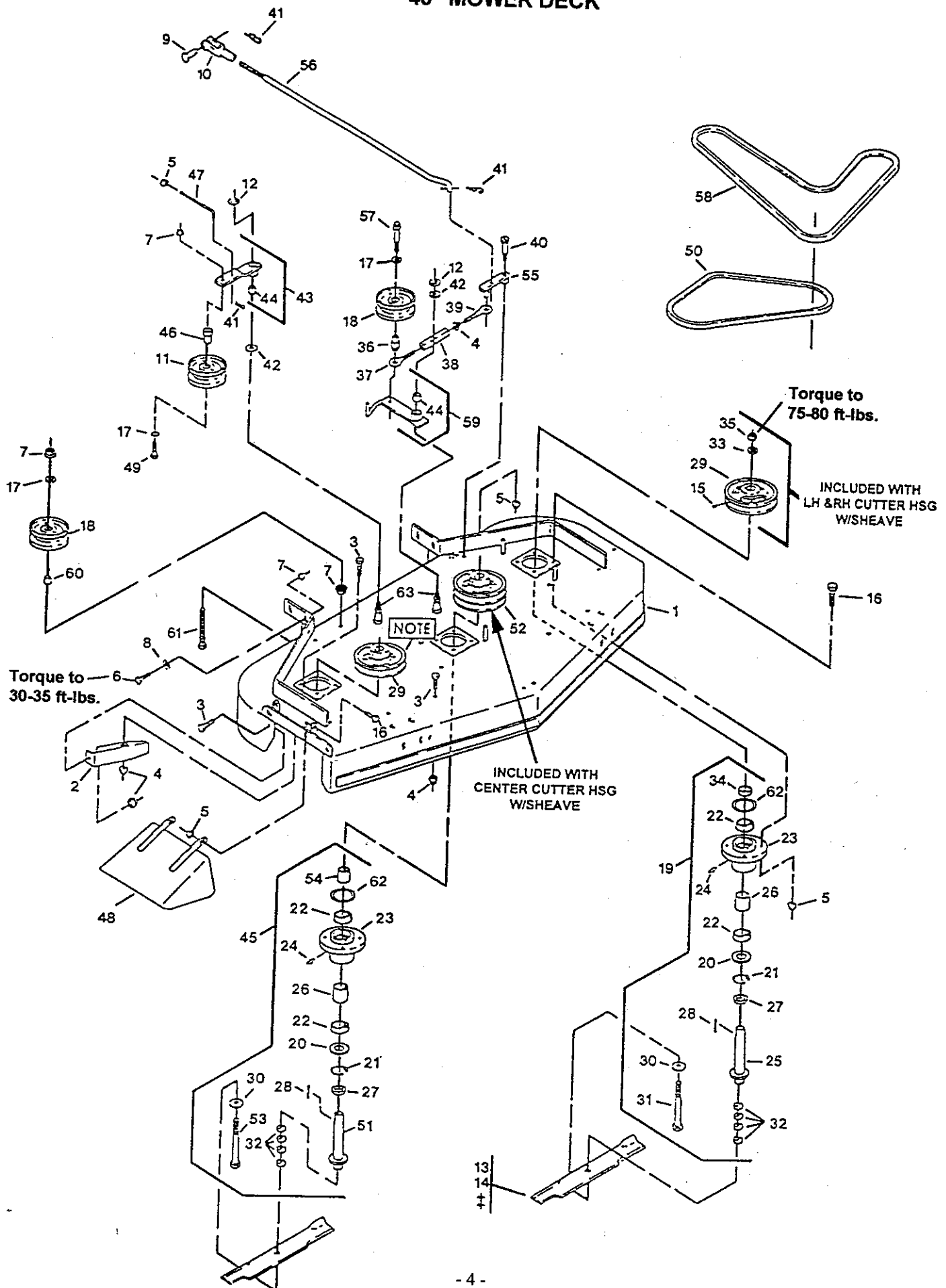
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	302227	Front deck w/baffles (36").....	1	36	322145	Fork wldmnt, caster.....	1
2	302189	Baffle, dogleg.....	1	37	302054	Chute.....	1
3	800270	Screw, 5/16-18 x 5/8.....	6	38	302129	Arm, engagement w/bushing.....	1
4	809001	Nut, whizlock 5/16-18.....	11	39	303144	Bearing, powder metal.....	1
5	323385	Knob, belt cover.....	4	40	800290	Screw, 3/8-16 x 3/4.....	8
6	809020	Quick pin, 10" caster.....	1	41	603843	Idler pulley (heavy duty).....	1
7	513338	Washer, special.....	2	42	322166	Cutter housing complete.....	2
8	805008	Lockwasher, 1/2.....	2	43	323402	Spacer, bearing sheave.....	2
9	804509	Nut, 1/2-13.....	2	44	323408	Shield, dust.....	2
10	804256	Nut, nylock 5/16-18.....	11	45	808506	Retaining ring.....	2
11	800293	Screw, 3/8-16 x 1 1/4.....	6	46	303543	Bearing, cutter housing.....	4
12	809007	Nut, whizlock 3/8-16.....	14	47	323315	Cutter housing.....	2
13	805259	Washer, 3/8 SAE.....	2	48	811001	Zerk, 1/8 N.P.T. (strght).....	2
14	303327	Washer, disc spring 3/8.....	6	49	322164	Cutter spindle.....	2
15	808280	Pin, clevis 5/16 x 1.....	1	50	323400	Spacer (long).....	2
16	303105	Yoke.....	1	51	323399	Spacer (short).....	2
17	806003	Cotter hairpin.....	2	52	323339	Washer, sheave (retaining)....	2
18	808505	E-Ring for .875 rd.....	1	53*	303535	Pulley.....	2
19	803003	Screw, whzck 3/8-16 x 1 3/4..	1	54	804510	Nut, 5/8-18 UNF.....	2
20	303146	Blade, 18" high lift (Std.).....	2	55	800861	Screw, 5/8-18 x 8.....	2
‡	303495	Blade, mulching (Opt.).....	2	56	807267	Key, 1/4 x 3/16 x 1 1/4.....	2
	303439	Blade, low lift (Opt.).....	2	57	303164	Spacer, blade drive.....	8
	303283	Blade, 1/4" x 18" high lift (Opt.)	2	58	513208	Washer, 5/8 spring disc.....	2
21	800334	Screw, 1/2-13 x 6.....	1	59	303434	Bushing, engagement.....	1
22	513810	Bushing.....	2	60	303348	Eye bolt (left hand thread).....	1
23	513809	Roller bearing.....	2	61	303236	Turnbuckle body.....	1
24	513808	Tire, 9 x 3.50-4 4-ply.....	2	62	303238	Eye bolt (right hand thread)....	1
25	303352	Washer, spindle.....	1	63	302198	Arm, assist.....	1
26	513807	Wheel & hub.....	2	64	809011	Bolt, 3/8 x 3/4 (shoulder).....	1
27	303499	Belt, blade drive.....	1	65	303270	Linkage, assist arm.....	1
28	803310	Setscrew, 5/16-18 x 3/8.....	4	66	322153	Caster/mount, complete.....	2
f	840022	Prolock (Nut type) .5 ml tube..	1	67	302203	Support, caster (w/brngs).....	2
29	800273	Screw, 5/16-18 x 1.....	10	68	302194	Caster wheel support wldmnt..	2
30	513648	Wheel & tire, complete.....	2	69	811001	Zerk, 1/8 N.P.T.....	2
31	303537	Stud, belt shield (short).....	2	70	303514	Flange, thrust bearing.....	2
32	303536	Stud, belt shield (long).....	2	71	303314	Spacer, 10" caster.....	8
33	302216	Shield, 36" Viking.....	1	72	322154	Caster wheel assembly.....	2
34	323417	Washer, belt cover mount.....	4	73	303542	O-Ring.....	2
35	513547	Spacer, front caster.....	1	74	811006	Zerk, 1/4-28 STRT.....	1

f Not Illustrated. Use Pro-Lock, Nut Type (P/N. 840022) on setscrew threads.

* Use Pro-lock, Retaining Type, (P/N 840023) on blade drive sheaves on mower deck.

‡ Requires installation of Mulching Kit (P/N MK36-2).

48" MOWER DECK



48" MOWER DECK

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	402085	Front Deck w/baffles (48")	1	31	800861	Screw, 5/8-18 x 8	2
2	302189	Baffle, dogleg	1	32	303164	Spacer, blade drive	12
3	800270	Screw, 5/16-18 x 5/8	10	33	323339	Washer, retainer (sheave)	3
4	809001	Nut, whizlock 5/16-18	10	34	323402	Spacer, bearing (sheave)	2
5	804256	Nut, nylock 5/16-18	16	35	804510	Nut, 5/8-18 UNF	3
6	800292	Screw, 3/8-16 x 1	6	36	303434	Bushing, engagement	1
7	809007	Nut, whizlock 3/8-16	7	37	303348	Eye bolt (left hand thread)	1
8	303327	Washer, disc spring 3/8	6	38	303236	Turnbuckle body	1
9	808280	Pin, clevis 5/16 x 1	1	39	303238	Eye bolt (right hand thread)	1
10	303105	Yoke	1	40	809011	Bolt, 3/8 x 3/4 (shoulder)	1
11	403119	Pulley, idler "V"	1	41	806003	Hairpin	3
12	808505	E-Ring for .875 rd.	2	42	303352	Washer, spindle	2
13	403026	Blade, High Lift 16" (Std.)	3	43	402053	Idler arm, (w/bushing) cmplt ...	2
14	403059	Blade, 1/4" x 16" High Lift (optional)	3	44	303144	Powder metal bearing	2
‡	403086	Blade, mulching (Opt.)	3	45	402077	Housing, cutter w/sheave (center)	1
15	803310	Setscrew, 5/16-18 x 3/8	6	46	603496	Bushing, idler bearing	1
f	840022	Prolock (Nut type) .5 ml tube ..	1	47	403107	Rod, belt tension	1
16	800273	Screw, 5/16-18 x 1	14	48	302054	Chute	2
17	805259	Washer, 3/8 SAE	3	49	800295	Screw, 3/8-16 x 1 3/4	1
18	603843	Idler pulley (heavy duty)	2	50	403025	Belt, "V"	1
19	322166	Housing, cutter w/sheave (LH) ..	1	51	402075	Spindle, cutter hsgng (long).	1
	322167	Housing, cutter w/sheave (RH) ..	1	52*	403133	Pulley (double)	1
20	323408	Dust shield	3	53	800862	Screw, 5/8-18 x 8 1/2	1
21	808506	Retaining ring	3	54	323404	Spacer, bearing (cntr sheave) ..	1
22	303543	Cutter housing bearing	6	55	302198	Arm, assist	1
23	323315	Cutter housing	3	56	303270	Linkage, assist arm	1
24	811001	Zerk, 1/8 N.P.T. (straight)	3	57	803003	Screw, whizlck 3/8-16 x 1 3/4 ..	1
25	322164	Spindle, cutter, (LH)	2	58	403088	Belt, drive (48" deck)	1
26	323400	Spacer (long)	3	59	302129	Arm, engagement	1
27	323399	Spacer (short)	3	60	543879	Spacer	1
28	807267	Key, 1/4 x 3/16 x 1 1/4	3	61	800029	Screw, 3/8-16 x 2 1/4	1
29*	303535	Pulley, cast iron	2	62	303542	O-Ring	3
30	513208	Washer, 5/8 spring disc	3	63	811006	Zerk, 1/4-28 STRT	2

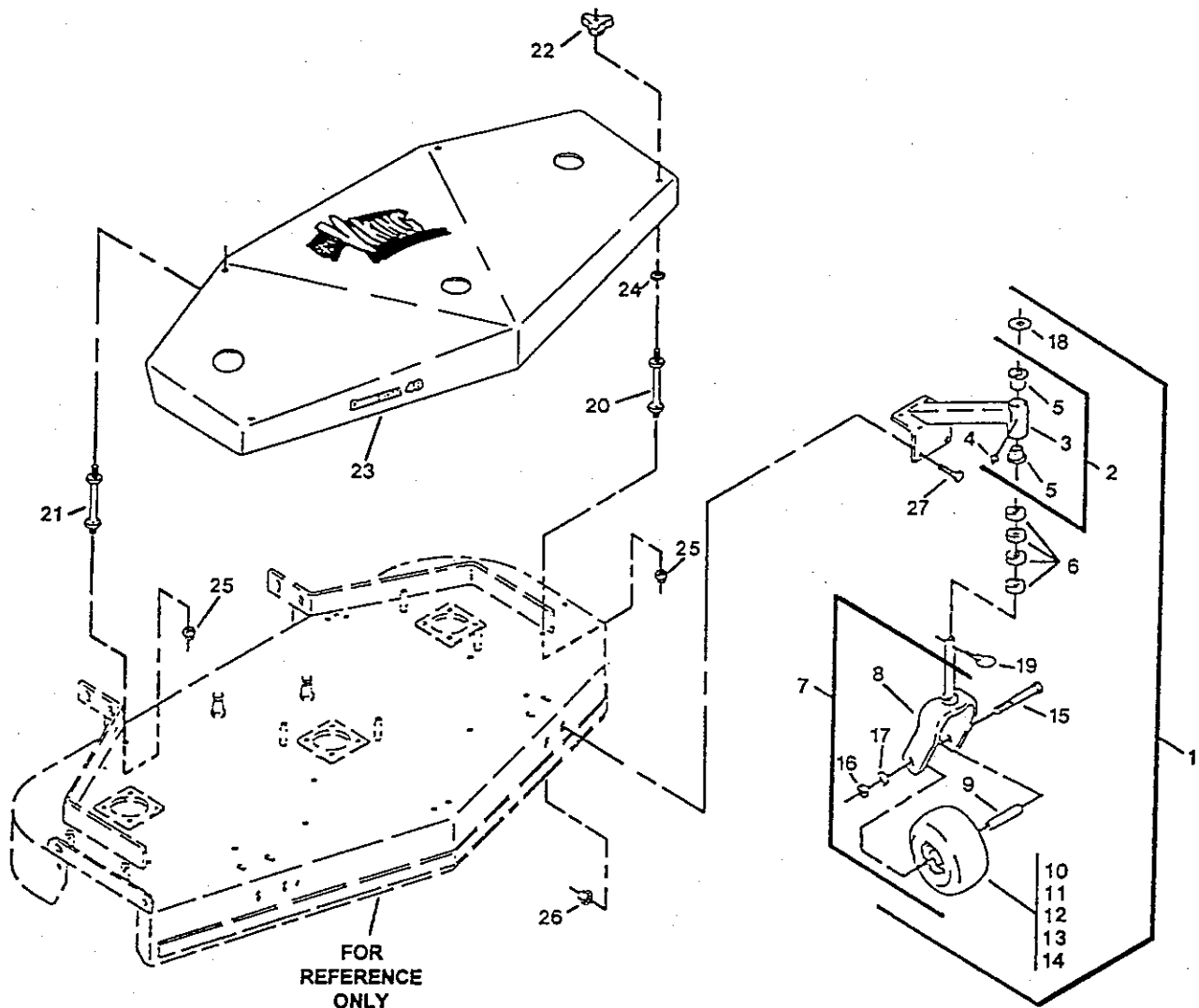
‡ Requires installation of Mulching Kit (Part No. MK48-2).

f Not illustrated. Use Pro-Lock, Nut Type (P/N. 840022) on setscrew threads.

* Use Pro-lock, Retaining Type, (P/N 840023) on blade drive sheaves on mower deck.

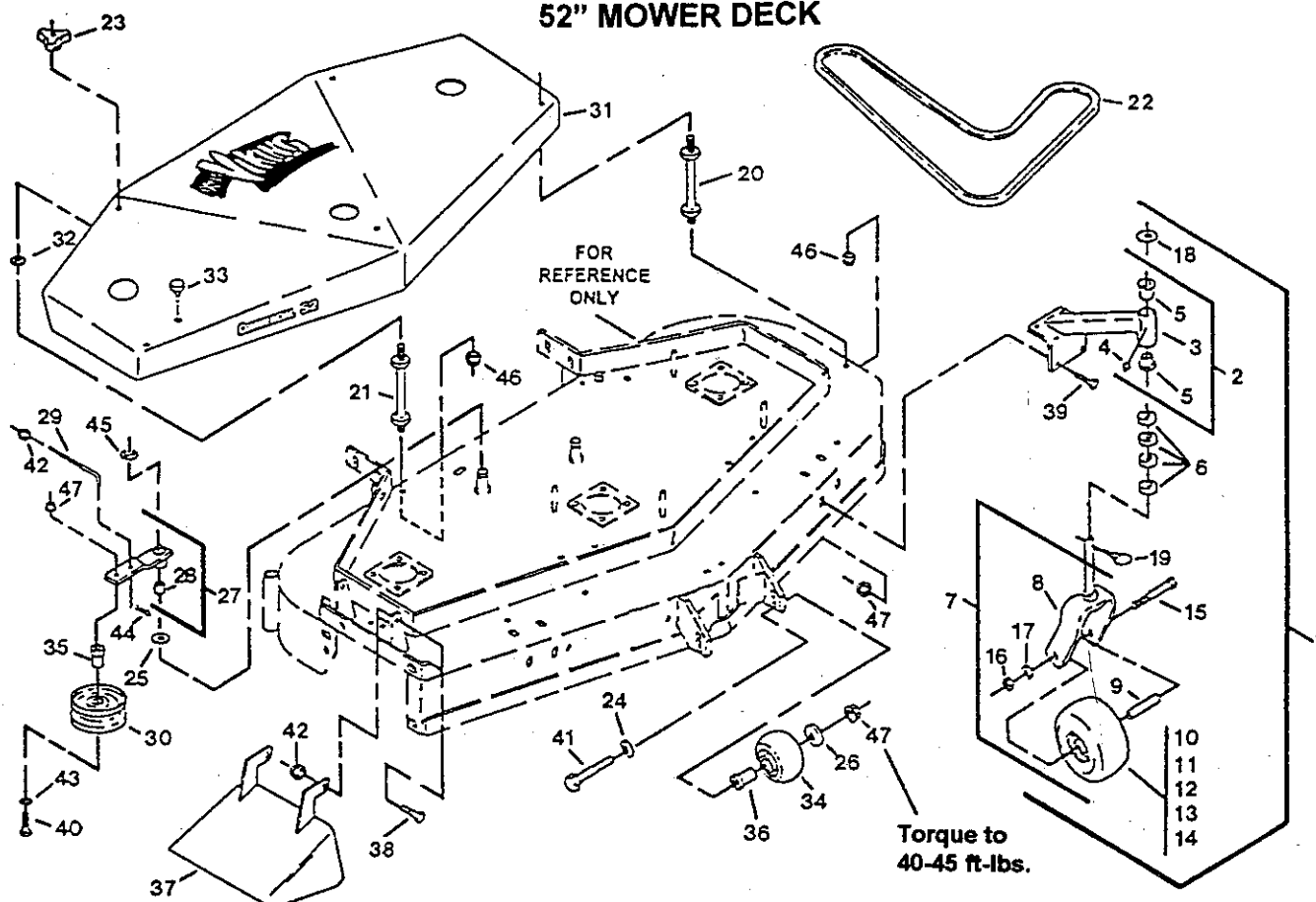
NOTE: The pulley on the **right hand** side (from operators position) cutter housing is turned upside down with the long side of the hub facing up.

48" MOWER DECK (CON'T.)



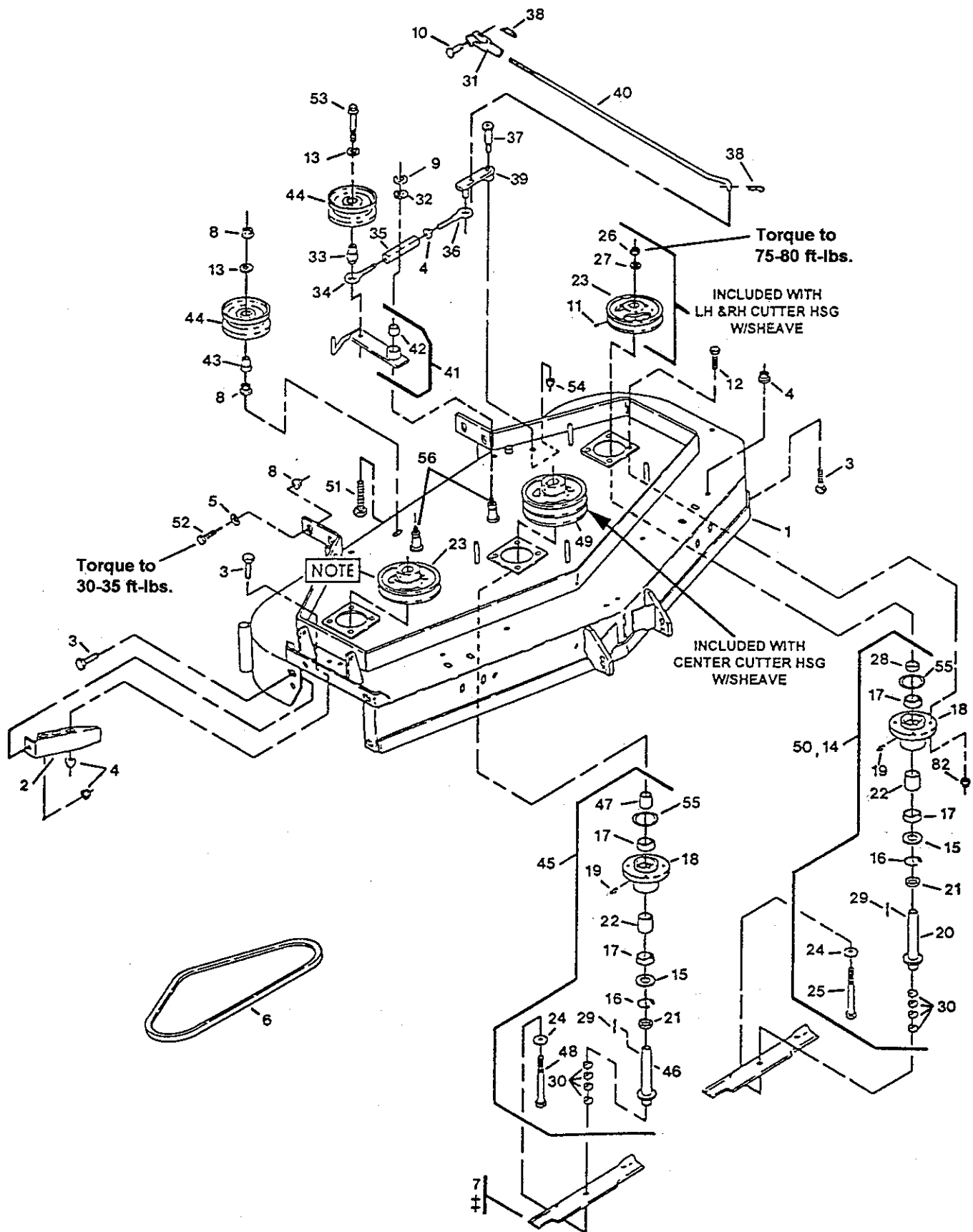
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	322153	Caster mount complete.....	2	14	513810	Bushing.....	2
2	302203	Support, caster wheel (w/bearings).....	1	15	800334	Screw, 1/2-13 x 6	1
3	302194	Support, caster wheel wldmnt.	1	16	804509	Nut, 1/2-13.....	1
4	811001	Zerk, 1/8 N.P.T.	1	17	805008	Lockwasher, 1/2	1
5*	303514	Flange, thrust bearing.....	2	18	513338	Washer.....	1
6	303314	Spacer, 10" caster.....	4	19	809020	Quick pin, 10" caster	1
7	322154	Wheel assembly (caster)	1	20	303537	Stud, belt shield (short)	2
8	322145	Fork wldmnt, caster	1	21	303536	Stud, belt shield (long).....	2
9	513547	Spacer, front caster	1	22	323385	Knob, belt cover	4
10	513648	Wheel & tire, complete.....	2	23	402074	Shield, 48" Viking.....	1
11	513807	Wheel & hub	1	24	323417	Washer, belt cover mount	4
12	513808	Tire, 9 x 3.50-4 4-ply.....	1	25	809001	Nut, whizlock 5/16-18	4
13	513809	Roller bearing	1	26	809007	Nut, whizlock 3/8-16	8
				27	800290	Screw, 3/8-16 x 3/4	8

52" MOWER DECK



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	322153	Caster mount, complete.....	2	24	303327	Washer, 3/8 disc.....	2
2	302203	Support, caster wheel (w/bearings).....	2	25	303352	Washer, spindle.....	1
3	302194	Support, caster wheel wldmnt.	2	26	373034	Washer, pivot.....	2
4	811001	Zerk, 1/8 N.P.T.	2	27	402053	Idler arm, complete (right)	1
5*	303514	Flange, thrust bearing.....	4	28	303144	Bushing.....	1
6	303314	Spacer, 10" caster	8	29	403107	Rod, belt tension.....	1
7	322154	Wheel assembly (caster)	2	30	403119	Pulley, idler "V"	1
8	322145	Fork wldmnt, caster	2	31	402070	Shield, 52" Viking.....	1
9	513547	Spacer, front caster	2	32	323417	Washer, belt cover mount	5
10	513648	Wheel & tire, complete.....	2	33	513291	Bumper, rubber	1
11	513807	Wheel & hub	2	34	603299	Roller, anti-scalp.....	2
12	513808	Tire, 9 x 3.50-4 4-ply.....	2	35	603496	Bushing, idler bearing.....	1
13	513809	Roller bearing	2	36	603602	Bushing, roller.....	2
14	513810	Bushing.....	4	37	602571	Chute.....	1
15	800334	Screw, 1/2-13 x 6.....	2	38	800273	Screw, 5/16-18 x 1	2
16	804509	Nut, 1/2-13.....	2	39	800290	Screw, 3/8-16 x 3/4	8
17	805008	Lockwasher, 1/2.....	2	40	800295	Screw, 3/8-16 x 1 3/4	1
18	513338	Washer	2	41	800807	Screw, 3/8-16 x 4	2
19	809020	Quick pin, 10" caster.....	2	42	804256	Nut, nylock 5/16-18	3
20	303537	Stud, belt shield (short).....	2	43	805259	Washer, 3/8 SAE	1
21	303536	Stud, belt shield (long).....	3	44	806003	Hairpin	1
22	403104	Belt, drive.....	1	45	808505	E-Ring for .875 rd.	1
23	323385	Knob, belt cover.....	5	46	809001	Nut, whizlock 5/16-18	4
				47	809007	Nut, whizlock 3/8-16	11

52" MOWER DECK (con't.)



52" MOWER DECK (con't.)

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	402060	Front Deck w/baffle (52").....	1	27	323339	Washer, retainer (sheave).....	3
2	402057	Baffle, discharge.....	1	28	323402	Spacer, bearing.....	2
3	800270	Screw, 5/16-18 x 5/8.....	12	29	807267	Key, 1/4 x 3/16 x 1 1/4.....	3
4	809001	Nut, whizlock 5/16-18.....	11	30	303164	Spacer, blade drive.....	12
5*	303327	Washer, 3/8 disc spring.....	6	31	303105	Yoke.....	1
6	403105	Belt, "V" (front deck).....	1	32	303352	Washer, spindle.....	1
7	303527	Blade, high lift 18" (Std.).....	3	33	303434	Bushing, engagement.....	1
	303439	Blade, low lift (Opt.).....	3	34	303348	Eye bolt (left hand thread).....	1
‡	303495	Blade, mulching (Opt.).....	3	35	303236	Turnbuckle body.....	1
	303283	Blade, 1/4 x 18" high lift (Opt.)	3	36	303238	Eye bolt (right hand thread)....	1
8	809007	Nut, whizlock 3/8-16.....	8	37	809011	Bolt, 3/8 x 3/4 (shoulder).....	1
9	808505	E-Ring for .875 rd.	1	38	806003	Hairpin.....	2
10	808280	Pin, clevis 5/16 x 1.....	1	39	302198	Arm, assist.....	1
11	803310	Setscrew, 5/16-18 x 3/8.....	6	40	403103	Linkage, assist arm.....	1
f	840022	Prolock (Nut type) .5 ml tube ..	1	41	302129	Arm, engagement (w/bshng) ..	1
12	800273	Screw, 5/16-18 x 1.....	12	42	303144	Bushing, powdered metal.....	1
13	805259	Washer, 3/8 SAE.....	3	43	543879	Bushing, idler.....	1
14	322166	Housing, cutter (w/shv) (LH) ...	1	44	603843	Pulley, idler (heavy duty).....	2
15	323408	Shield, dust.....	3	45	402077	Housing, cutter (w/shv) (cntr) .	1
16	808506	Ring, retaining.....	3	46	402075	Cutter spindle wldmnt (long) ..	1
17	303543	Bearing, cutter housing.....	6	47	323404	Spacer, bearing (center shv) ..	1
18	323315	Housing, cutter.....	3	48	800862	Screw, 5/8-18 x 8 1/2.....	1
19	811001	Zerk, 1/8 N.P.T. (straight).....	3	49*	403133	Double pulley.....	1
20	322164	Spindle, wldmnt short (cutter) ..	2	50	322167	Cutter housing (w/shv) (RH) ...	1
21	323399	Spacer (short).....	3	51	800029	Bolt, tap 3/8-16 x 2 1/4.....	1
22	323400	Spacer (long).....	3	52	800292	Screw, 3/8-16 x 1.....	6
23*	303535	Pulley, cast iron.....	2	53	803003	Screw, whizlock 3/8-16 x 1 3/4..	1
24	513208	Washer, 5/8 disc spring.....	3	54	804256	Nut, nylock 5/16-18.....	13
25	800861	Screw, 5/8-18 x 8.....	2	55	303542	O-Ring.....	1
26	804510	Nut, 5/8-18 UNF.....	3	56	811006	Zerk, 1/4-28 STRT.....	2

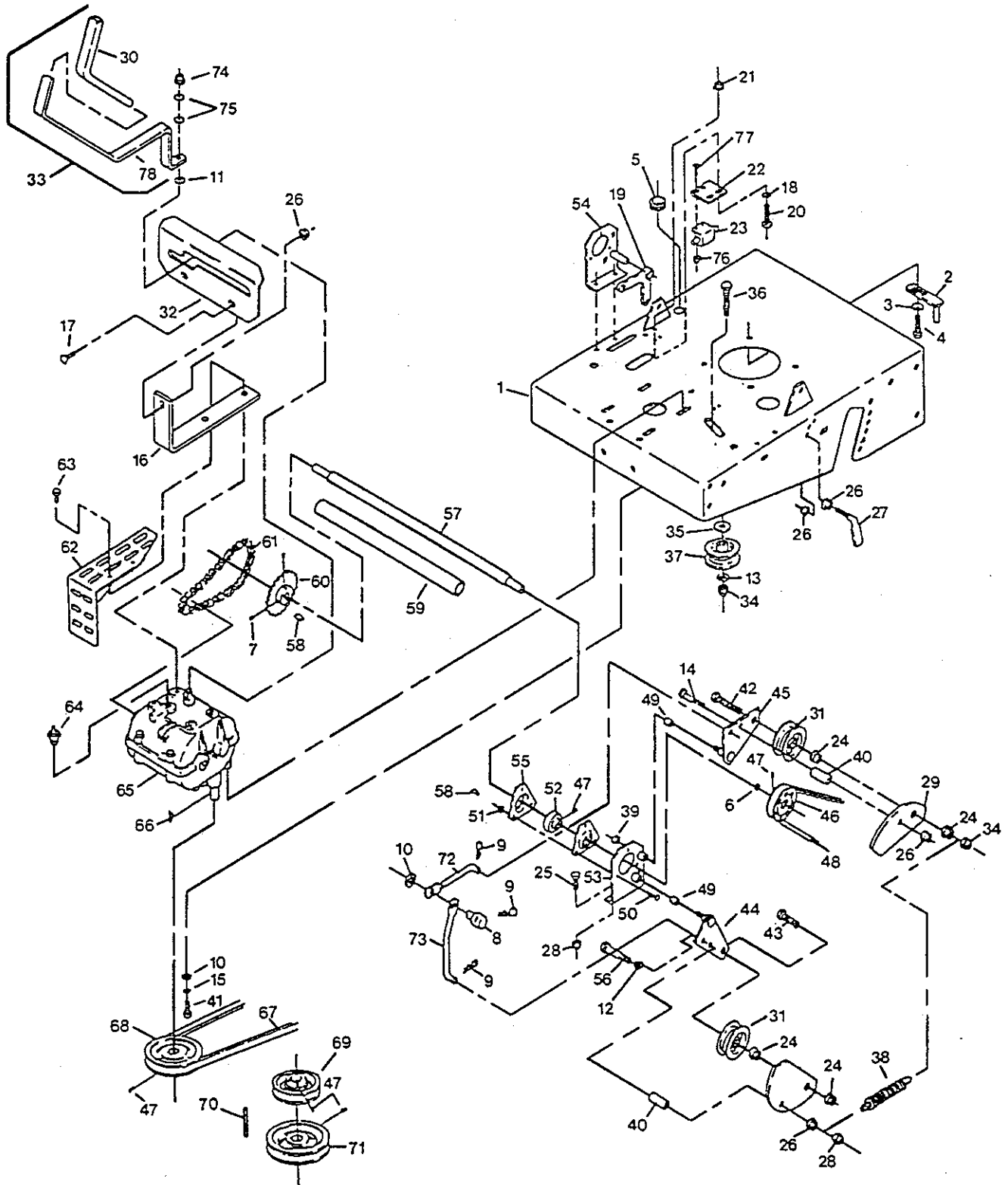
‡ Requires installation of Mulching Kit Part No. MK52M-2.

f Not Illustrated. Use Pro-Lock, Nut Type (P/N. 840022) on setscrew threads.

* Use Pro-lock, Retaining Type, (P/N 840023) on blade drive sheaves on mower deck.

NOTE: The pulley on the **right hand** side cutter housing is turned upside down with the long side of the hub facing up.

ENGINE DECK GROUP



ENGINE DECK GROUP

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	322079	Rear Deck (Viking 5-Speed)...	1	42	800031	Bolt, tap 3/8-16 x 2 3/4	2
2	322012	Guide, belt	3	43	800296	Screw, 3/8-16 x 2	2
3	303334	Washer, disc spring 5/16	4	44	322038	Arm wldmnt, idler, RH bottom, LH top	2
4	809072	Screw, M8 1.25mm x 25mm...	4	45	322040	Arm wldmnt, idler, RH top, LH bottom	2
5	543296	Grommet.....	1	46	303409	Pulley, wheel drive.....	2
6	303164	Spacer, blade drive.....	2	47f	803310	Setscrew, 5/16-18 x 3/8.....	8
7f	803022	Setscrew, 5/16-18 x 5/8	2	48	323051	Belt, cog.....	2
8	303168	Swivel, (short)	2	49	303143	Bearing sleeve (bronze)	4
9	806003	Hairpin, cotter	6	50	800251	Screw, 1/4-20 x 5/8	6
10	805258	Washer, 5/16	6	51	804255	Nut, nylock 1/4-20	6
11	323379	Washer, shifter lever.....	1	52	303067	Bearing w/collar (jackshaft)	2
12*	805005	Lockwasher, 5/16 (hvy sprng)	1	53	322041	Support, caliper (RH) w/bushings	1
13	805259	Washer, 3/8 SAE	1	54	322042	Support, caliper (LH) w/bushings	1
14	800277	Screw, 5/16-18 x 2.....	2	55	303066	Flange, bearing (jackshaft).....	4
15	805005	Lockwasher, 5/16 (hvy sprng)	4	56	800279	Screw, 5/16-18 x 1-1/2	2
16	323389	Leg, shifter plate	2	57	323109	Jackshaft	1
17	807503	Bolt, carriage 5/16-18 x 3/4.....	2	58	807006	Key, woodruff #61	3
18	805255	Washer, 1/4	4	59	303519	Cover, jackshaft.....	1
19	303186	Bellcrank	1	60	323110	Sprocket	1
20	800252	Screw, 1/4-20 x 3/4.....	2	61	323111	Chain, drive	1
21	809012	Nut, whizlock 1/4-20	2	62	323243	Guard, chain.....	1
22	323128	Bracket, safety switch.....	1	63	809013	Bolt, tap 5/16-18 x 3/4	4
23	513051	Switch, neutral lockout.....	1	64	303282	Switch, neutral start.....	1
24	809007	Nut, whizlock 3/8-16	8	65	323393	Trans. w/sprocket (#40).....	1
25	800271	Screw, 5/16-18 x 3/4.....	4		323112	Sprocket, #40, 8 Teeth	1
26	809001	Nut, whizlock 5/16-18 (pltd)	10	66	807009	Key, woodruff #9	1
27	303151	Scraper	2	67	403018	Belt, ("V") transmission.....	1
28	804256	Nut, nylock 5/16-18.....	6	68	403019	Pulley, transmission	1
29	323202	Guard, wheel drive.....	4	69*	323070	Pulley, transmission drive.....	1
30	323250	Grip, lever	1	70	807264	Key, 1/4 Sq. x 2-5/8.....	1
31	303076	Pulley, idler	4	71+	303498	Pulley, blade drive (36" & 52")	1
32	323387	Plate, shifter lever.....	1		403087	Pulley, blade drive (48")	1
33	322158	Lever, shifter (complete).....	1	72	323163	Linkage, upper caliper	2
34	804257	Nut, nylock 3/8-16.....	3	73	323084	Linkage, lower RH caliper	1
35	805262	Washer, 7/16	1	*	323086	Linkage, lower LH caliper	1
36	807511	Bolt, carriage 3/8-16 x 2.....	1	74	804264	Nut, nylock 3/8-24	1
37	303516	Pulley, idler	1	75	303327	Washer, spring disc 3/8.....	2
38	323161	Spring, drive, heavy duty (Optional)	2	76	804252	Nut, nylock #10-24	2
	323071	Spring, drive, light duty (Standard).....	2	77	803017	Screw, #10-24 x 1/4 (cntrs nk)	2
39	803013	Nut, torque 5/16-18.....	4	78	323392	Lever, shifter.....	1
40	323236	Spacer	4				
41	800272	Screw, 5/16-18 x 7/8.....	4				

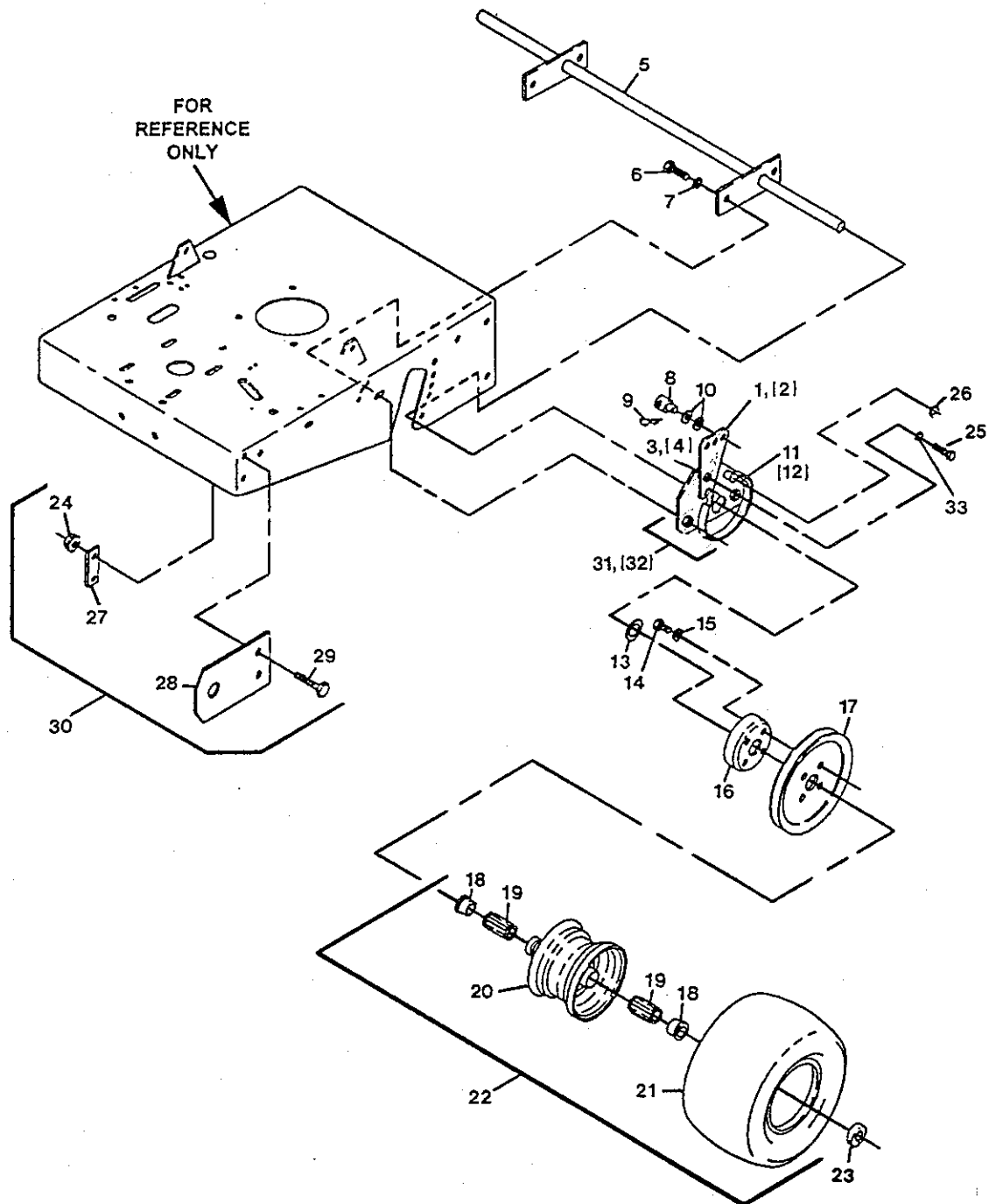
* Not illustrated.

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

♦ Apply Pro-lock Retaining 1 (Part No. 840023, .5cc tube) to crankshaft (transmission drive pulley).

✧ Apply anti-seize compound to pulley bore.

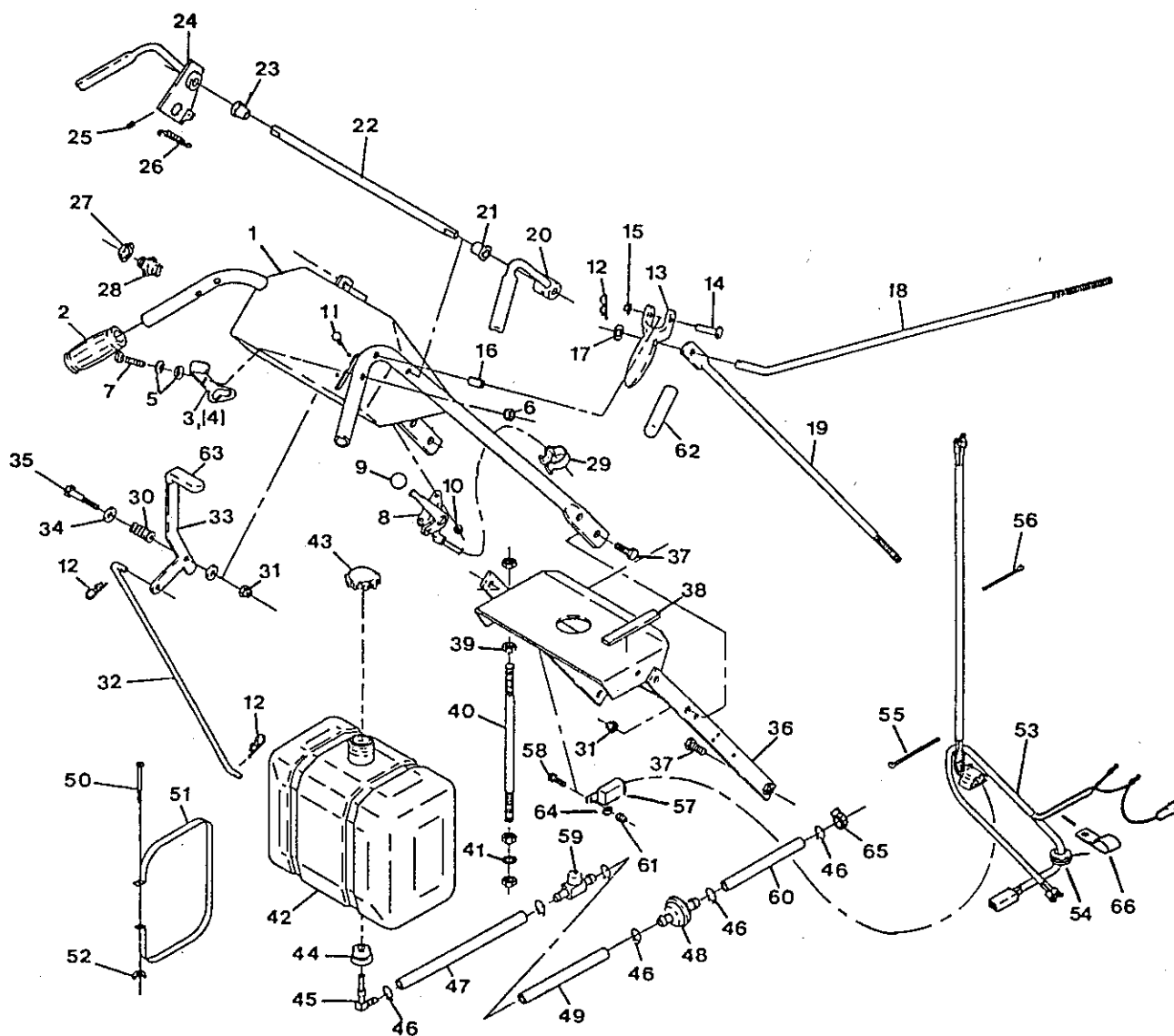
ENGINE DECK GROUP (con't.)



ENGINE DECK GROUP (con't.)

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	302175	Lever wldmnt (RH).....	1	18	303123	Flange, bearing.....	4
2	302177	Lever wldmnt (LH)	1	19	303122	Bearing, roller	4
3	302178	Plate wldmnt (RH).....	1	20	302160	Wheel & hub.....	2
4	302179	Plate wldmnt (LH)	1	21	303125	Tire, 13 x 6.50-6, 2 Ply	2
5	302035	Axle assembly.....	1	22	303469	Wheel & tire	2
6	800292	Screw, 3/8-16 x1.....	4	23	809005	Clamp, 7/8 (tite collar)	2
7	805006	Lockwasher, 3/8 (hvy sprng) ..	4	24	809007	Nut, whizlock 3/8-16	4
8	303168	Swivel, adjust (short)	2	25	800250	Screw, 1/4-20 x 1/2	2
9	806003	Hairpin, cotter	2	26	808520	Clip ring	4
10	805258	Washer, 5/16	4	27	373060	Plate, hitch back	2
11	302037	Brake Band (RH)	1	28	373036	Mount, hitch	2
12	302036	Brake Band (LH)	1	29	800293	Screw, 3/8-16 x 1-1/4	4
13	513338	Spacer, wheel.....	2	30	301012	Sulky hitch kit	1
14	800273	Screw, 5/16-18 x 1.....	8	31	302185	Brake, complete (LH)	1
15	805005	Lockwasher, 5/16 (hvy sprng) 8		32	302184	Brake, complete (RH).....	1
16	303463	Drum, brake.....	2	33	805255	Washer, 1/4 SAE flat.....	2
17	303464	Sheave, 9" B Split.....	2				

UPPER HANDLE and CONTROLS



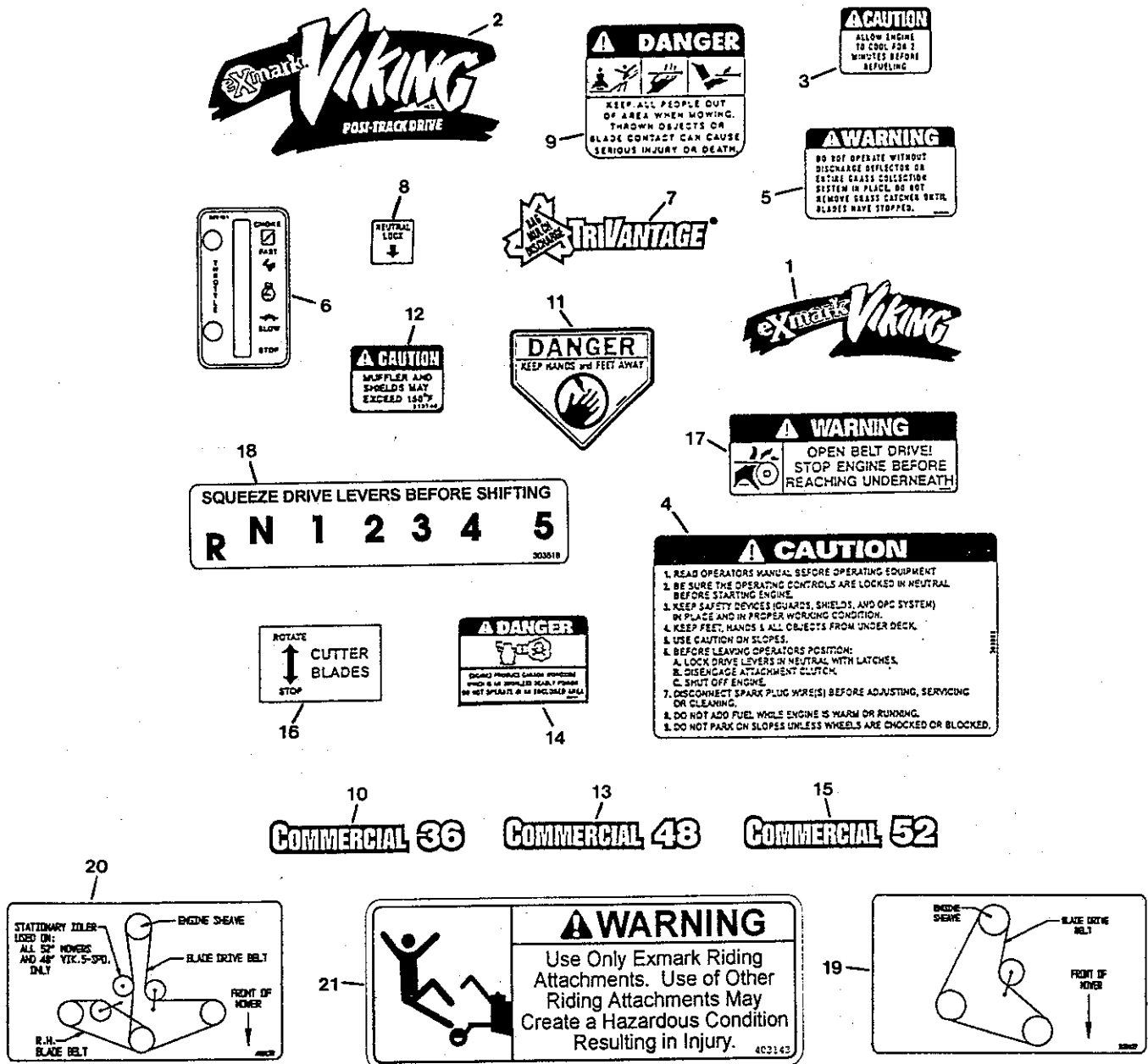
UPPER HANDLE and CONTROLS

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	322181	Handle wldmnt (Vknng 5 spd)...	1	38	303315	Pad, gas tank	2
2	303097	Grip, handle	2	39	804509	Nut, 1/2-13.....	8
3	302007	Latch, w/grip (RH).....	1	40	303173	Brace, handle	2
	303019	Grip, latch	1	41	805008	Lockwasher, 1/2	2
4	302005	Latch, w/grip (LH)	1	42	543364	Tank, fuel.....	1
	303019	Grip, latch	1	43	513508	Cap, fuel tank	1
5	303435	Washer, 1/4 disc spring	4	44	513645	Bushing, fuel valve	1
6	804255	Nut, nylock 1/4-20.....	2	45	543277	Elbow, 90°	1
7	800257	Screw, 1/4-20 x 1-3/4.....	2	46	303077	Clamp, fuel line (Koh)	6
8	323129	Cable, control (throttle)	1		303077	Clamp, fuel line (Kaw)	5
9	513592	Knob, red ball.....	1	47	523131	Fuel line (12.5 Kaw).....	1
10	804252	Nut, nylock #10-24.....	2		523131	Fuel line (Kohler)	1
11	807513	Bolt, carriage #10-24 x 1/2.....	2		523131	Fuel line (14 Kaw).....	1
12	806003	Hairpin, cotter	4	48	303197	Filter, fuel.....	1
13	302006	Lever, drive (w/grip).....	2	49	303307	Fuel line (Kohler)	1
14	808250	Pin, clevis 3/16 x 1-3/4.....	2		523131	Fuel line (12.5 Kawasaki)	1
15	803001	Palnut, 3/16.....	2		523131	Fuel line (14 Kawasaki)	1
16	806340	Rollpin, 5/16 x 1	2	50	801062	Screw, 1/4-20 x 3	2
17	805258	Washer, 5/16	2	51	303465	Strap, 5 gal. fuel tank.....	2
18	323089	Linkage, brake	2	52	543792	Wingnut, nylock 1/4	2
19	323025	Linkage, caliper.....	2	53	323443	Harness, wiring (Kawasaki)....	1
20	302138	Lever, OPC (RH)	1		323444	Harness, wiring (Kohler).....	1
21	303365	Bushing, nylon	1	54	543296	Grommet	1
22	303474	Rod, connecting.....	1	55	303335	Plastic tie, 7-15/16.....	1
23	303369	Bushing, flanged	1	56	303287	Plastic tie, 5 1/2	9
24*	602507	Lever, OPC (LH).....	1			Plastic tie, 5 1/2 (Kaw).....	10
25 ^f	803322	Setscrew, 5/16-24 x 5/16.....	2	57	323430	Interlock, OPC	1
26	303363	Spring, actuator	1	58	800251	Screw, 1/4-20 x 5/8	1
27	803034	Palnut, 9/16-18	1	59	603770	Valve, fuel.....	1
28	303372	Operator Control Switch	1	60	303306	Fuel line (Kohler)	1
29	303088	Clip, cable	1		523131	Fuel line (12.5 Kaw).....	1
30	303160	Spring, compression	1		303022	Fuel line (14 Kaw).....	1
31	804257	Nut, nylock 3/8-16.....	5	61	804255	Nut, nylock 1/4-20	1
32	323298	Linkage, blade drive.....	1	62	303021	Grip, drive lever.....	2
33	322157	Lever, blade engagmnt w/grip	1	63	303020	Grip, lever.....	1
34	805260	Washer, 3/8	2	64	805256	Washer 1/4 Std flat.....	1
35	800296	Screw, 3/8-16 x 2.....	1	65	303308	Clamp, hose (Kawasaki)	1
36	322073	Handle wldmnt (5-spd).....	1	66	323423	Clip, 1/4" loom (Kawasaki)	1
37	800292	Screw, 3/8-16 x 1.....	6				

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

* Apply Pro-lock Retaining 1 (Part No. 840023, .5cc tube) to inside bore of OPC hub (see Operators Manual).

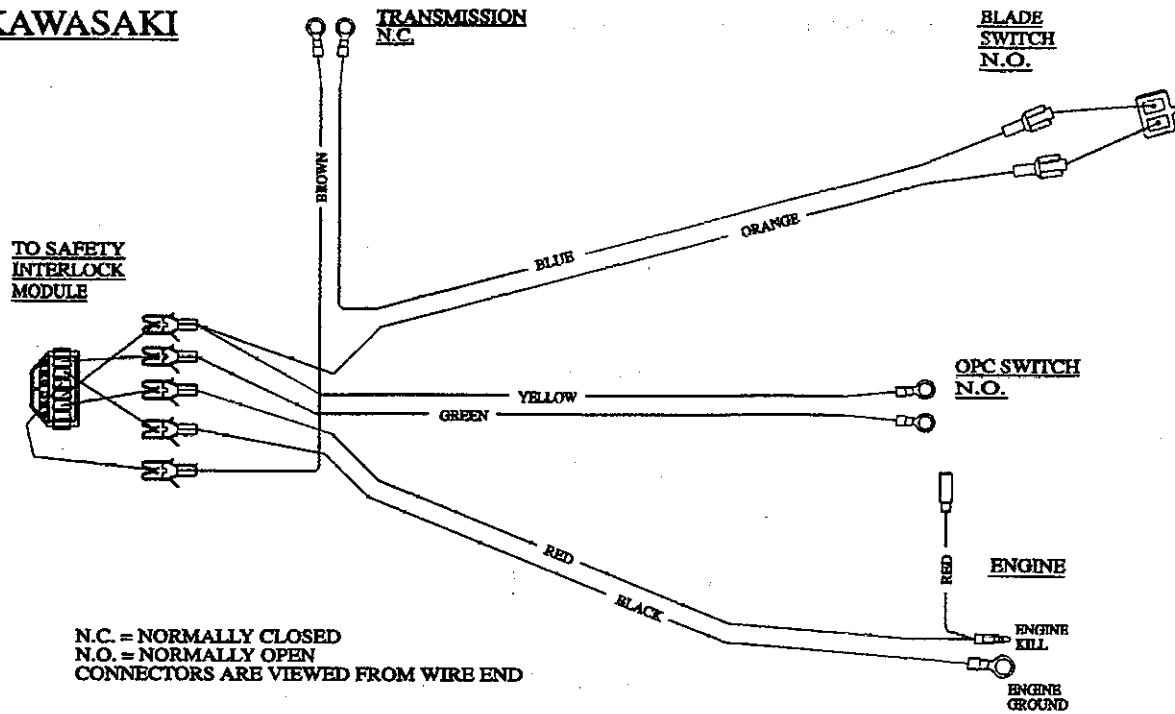
DECALS



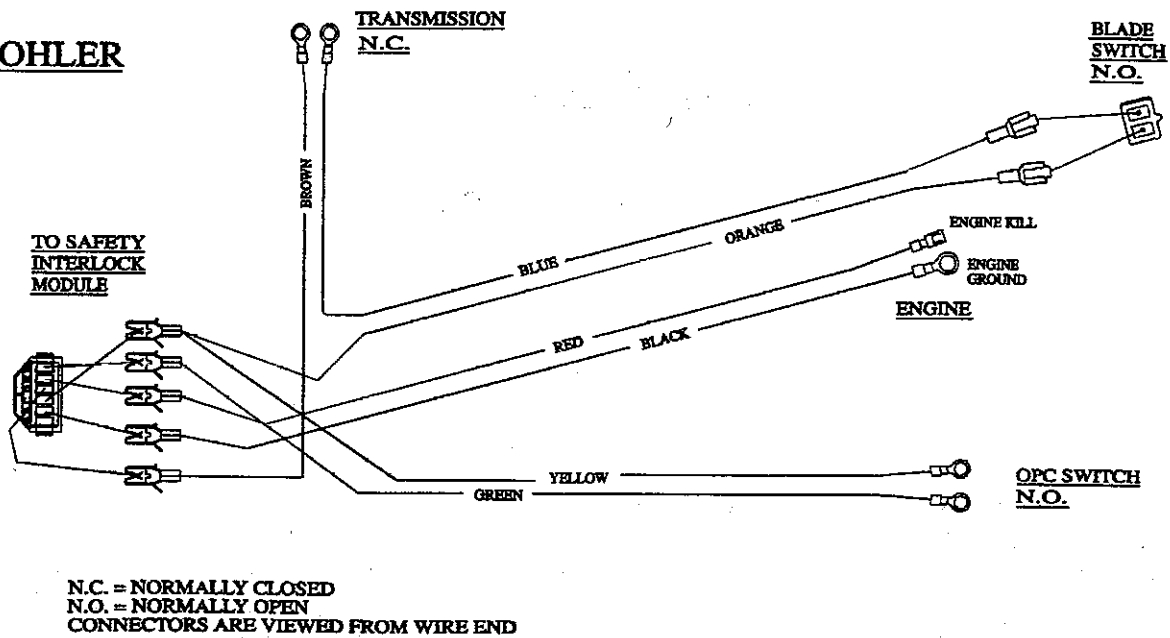
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	323321	Decal, Viking (small)	1	12	513746	Decal, Muffler	1
2	323320	Decal, Viking (large)	1	13	403131	Decal, Commercial 48	1
3	303293	Decal, 2 Minute Cool	1	14	303481	Decal, Carbon Monoxide	1
4	303085	Instruction label	1	15	403132	Decal, Commercial 52	1
5	303508	Decal, Discharge Warning	1	16	303100	Decal, Cutter Blade	1
6	323151	Decal, Throttle/Choke	1	17	303517	Decal, Belt Drive	1
7	303520	Decal, TriVantage	1	18	303518	Decal, Shifter	1
8	303102	Neutral Lock label	2	19	323427	Decal, Belt routing (36")	1
9	543774	Decal, Danger	1	20	403139	Decal, Belt routing (48" & 52") ..	1
10	323411	Decal, Commercial 36	1	21	403143	Decal, Sulky warning	1
11	403005	Danger label (36" deck)	1				
	403005	Danger label (48" & 52" deck) ..	2				

WIRING DIAGRAM

KAWASAKI



KOHLER



**SEE EXMARK'S COMPLETE
LINE OF PRODUCTS FOR TURF CARE**

LAZER Z

EXPLORER

EXPLORER II

TURF RANGER

TURF TRACER HYDRO

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**

ALL RIGHTS RESERVED

**PART NO. 850407
(402) 223-4010
FAX (402) 223-4154**

PRINTED IN U.S.A.

