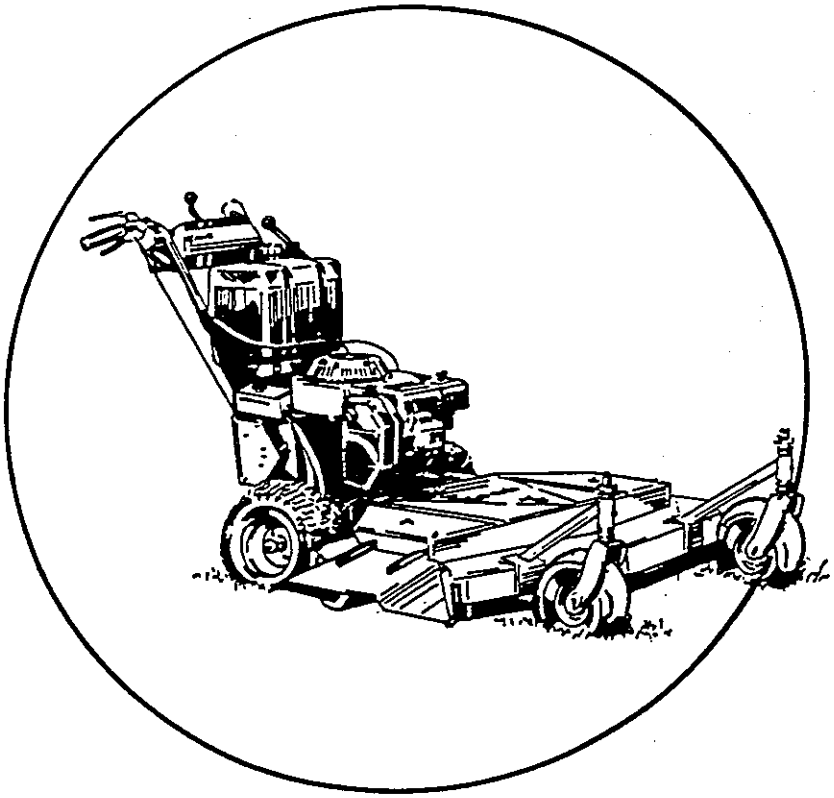
For Serial Nos.
90,000 & Higher

eXmark® MFG. CO. INC.

Viking Hydro



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 quantity, part number and description of the part needed.

The serial number plate is located on the top front right hand side of the engine frame. We suggest that you record numbers below for ready reference.

Model No. _____

Serial No. _____

Date Purchased _____

Purchased From _____

TABLE OF CONTENTS

DESCRIPTION	Page
Safety First	2-3
Hydraulics Group	4
36" Mower Deck	5-6
48" Mower Deck	7-8
52" Mower Deck	9-10
Engine Deck Group	11-12
Upper Handle & Controls	13-14
Decals	15
Wiring Schematics	16
Notes	17-18

SAFETY RECOMMEDATIONS FOR ALL EXMARK MOWER USERS

BEFORE OPERATING YOUR MOWER, CAREFULLY READ THE OPERATOR'S MANUAL IN ITS ENTIRETY.

Training

1. Regard the Exmark mower as a piece of power equipment and teach this regard to all who operate this unit.
2. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
3. Never allow children, teenagers, or people unfamiliar with these instructions to use the mower.
4. Avoid mowing while people, especially children or pets, are nearby. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

1. The use of personal protective equipment, such as (but not limited to) protection for the eyes, ears, feet and head is recommended.
2. While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
3. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wires, bones and other foreign objects.
4. ⚠ **DANGER: FUEL IS HIGHLY FLAMMABLE.**
   a) **STORE FUEL IN CONTAINERS SPECIFICALLY DESIGNED FOR THIS PURPOSE.**
   b) **REFUEL OUTDOORS ONLY. DO NOT SMOKE WHILE REFUELING.**
   c) **ADD FUEL BEFORE STARTING THE ENGINE. NEVER REMOVE THE CAP OF THE FUEL TANK OR ADD FUEL WHILE ENGINE IS RUNNING OR WHEN ENGINE IS HOT.**
   d) **IF FUEL IS SPILLED, DO NOT ATTEMPT TO START THE ENGINE. MOVE AWAY FROM THE AREA OF THE SPILL AND AVOID CREATING ANY SOURCE OF IGNITION UNTIL FUEL VAPORS HAVE DISSIPATED.**

Operation

1. Give complete, undivided attention to the job at hand.
2. ⚠ **DANGER:** Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
3. Mow only in daylight or good artificial light.
4. Avoid operating the equipment in wet grass, when feasible.
5. Mow across the face of steep slopes, never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
6. Use extreme caution when backing up.
7. Stop the blades when crossing surfaces other than grass and when transporting the mower to and from the area to be mowed.
8. Never operate the mower with defective guards, shields, or without safety devices in place.
9. Do not change the engine governor settings or overspeed the engine. Operating an engine at excessive speed may increase the hazard of personal injury.
10. Place transmission in neutral and disengage blade drive before starting.
11. Start the engine carefully with feet well away from the blades.
12. Keep hands, feet and clothing away from rotating parts while the mower is being operated.
13. Stop the engine and disconnect the spark plug wire(s)
    a) Before checking, cleaning or working on the mower.
    b) After striking a foreign object (inspect the mower for damage and make repairs before restarting and operating the mower).
14. Stop the engine:
    a) Before clearing blockages.
    b) Before removing the grass catcher.
    c) Whenever you leave the mower.
    d) Before refueling.
    e) Before making height adjustments.
15. Return the throttle control to the idle position for 30 seconds for engine cool down before stopping the engine.
16. The fuel system is provided with a shut-off valve. The fuel shut-off valve is used to shut off the fuel when machine will not be used for a few days, when parking inside a building, or during transport to and from the job.

17. This mower was designed for one operator only. Keep all others off mower during operation.

18. Do not mow without grass deflector or entire grass collection system in place and in proper working condition.

19. Do not operate machine unless all guards, shields and covers are in place and in proper working condition.

20. ⚠ **CAUTION: FAILURE TO FOLLOW SAFETY INSTRUCTIONS AND CAUTIOUS OPERATING PRACTICES CAN RESULT IN SERIOUS INJURY.**

21. ⚠ **CAUTION: ALTHOUGH HAZARD CONTROL AND ACCIDENT PREVENTION PARTIALLY ARE DEPENDENT UPON THE DESIGN AND CONFIGURATION OF THE EQUIPMENT, THESE FACTORS ARE ALSO DEPENDENT UPON THE AWARENESS, CONCERN, PRUDENCE, AND PROPER TRAINING OF THE PERSONNEL INVOLVED IN THEOPERATION, TRANSPORT, MAINTENANCE AND STORAGE OF THE EQUIPMENT. IT IS ESSENTIAL THAT ALL OPERATOR SAFETY MECHANISMS BE CONNECTED AND IN OPERATING CONDITION PRIOR TO USE FOR MOWING.**

Maintenance and Storage

1. Precisely follow the engine manufacturer's recommendations for maintenance.

2. If carburetor adjustment is necessary, stand to one side and keep feet and hands clear while making adjustments.

3. Keep engine free from accumulation of grass, leaves or excessive grease or oil. An accumulation of these combustible materials may result in a fire.

4. Store fuel in a container specifically designed for this purpose in a cool, dry place.

5. Keep the mower and fuel container in locked storage to prevent children from playing or tampering with them.

6. Gasoline powered equipment or fuel containers should not be stored in a basement or any closed area, where heat appliances or open pilot lights are present.

7. Maximum mowing results and safety can only be achieved if the mower is properly maintained and operated correctly.

8. Check all bolts frequently to maintain proper tightness.

9. Keep all guards, shields and other safety devices in place and in safe working condition.

10. Check for worn or deteriorating components that could create a hazard.

11. All replacement parts must be the same as or equivalent to the parts supplied as original equipment.

⚠ **CAUTION: HYDRAULIC FLUID ESCAPING UNDER PRESSURE MAY HAVE SUFFICIENT FORCE TO PENETRATE SKIN AND CAUSE SERIOUS INJURY. IF FOREIGN FLUID IS INJECTED INTO THE SKIN, IT MUST BE SURGICALLY REMOVED WITHIN A FEW HOURS BY A DOCTOR FAMILIAR WITH THIS FORM OF INJURY OR GANGRENE MAY RESULT.**

⚠ **CAUTION: KEEP BODY AND HANDS AWAY FROM PIN HOLES OR NOZZLES THAT EJECT HYDRAULIC FLUID UNDER HIGH PRESSURE. USE PAPER OR CARDBOARD AND NOT HANDS TO SEARCH FOR LEAKS.**

⚠ **CAUTION: SAFELY RELIEVE ALL PRESSURE IN THE SYSTEM BEFORE DISCONNECTING THE LINES OR PERFORMING WORK ON THE SYSTEM.**

⚠ **CAUTION: MAKE SURE ALL HYDRAULIC FLUID CONNECTIONS ARE TIGHT AND ALL HYDRAULIC HOSES AND LINES ARE IN GOOD CONDITION BEFORE APPLYING PRESSURE TO THE SYSTEM.**

Safety Signs

1. Keep all safety signs legible. Remove all grease, dirt and debris from safety signs.

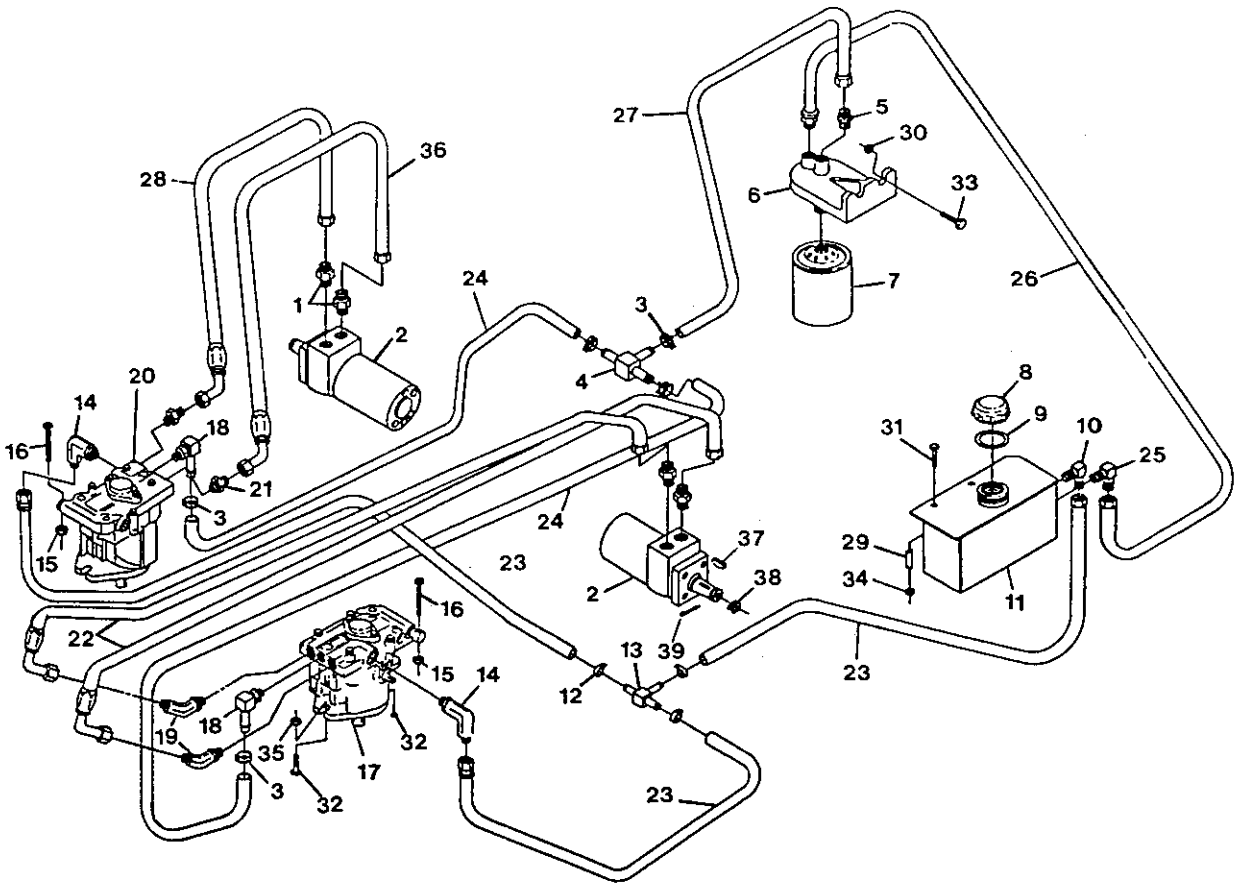
2. Safety signs must be replaced if they are missing or illegible.

3. When new components are installed, be sure that current safety signs are affixed to the replaced components.

4. New safety signs may be obtained from your authorized Exmark equipment dealer or distributor or from Exmark Mfg. Co. Inc.

5. Safety signs may be affixed by peeling off the backing to expose the adhesive surface. Apply only to a clean, dry surface. Smooth to remove any air bubbles.

6. Familiarize yourself with the safety signs and instructional labels. They are critical to the safe operation of your Exmark commercial mower.

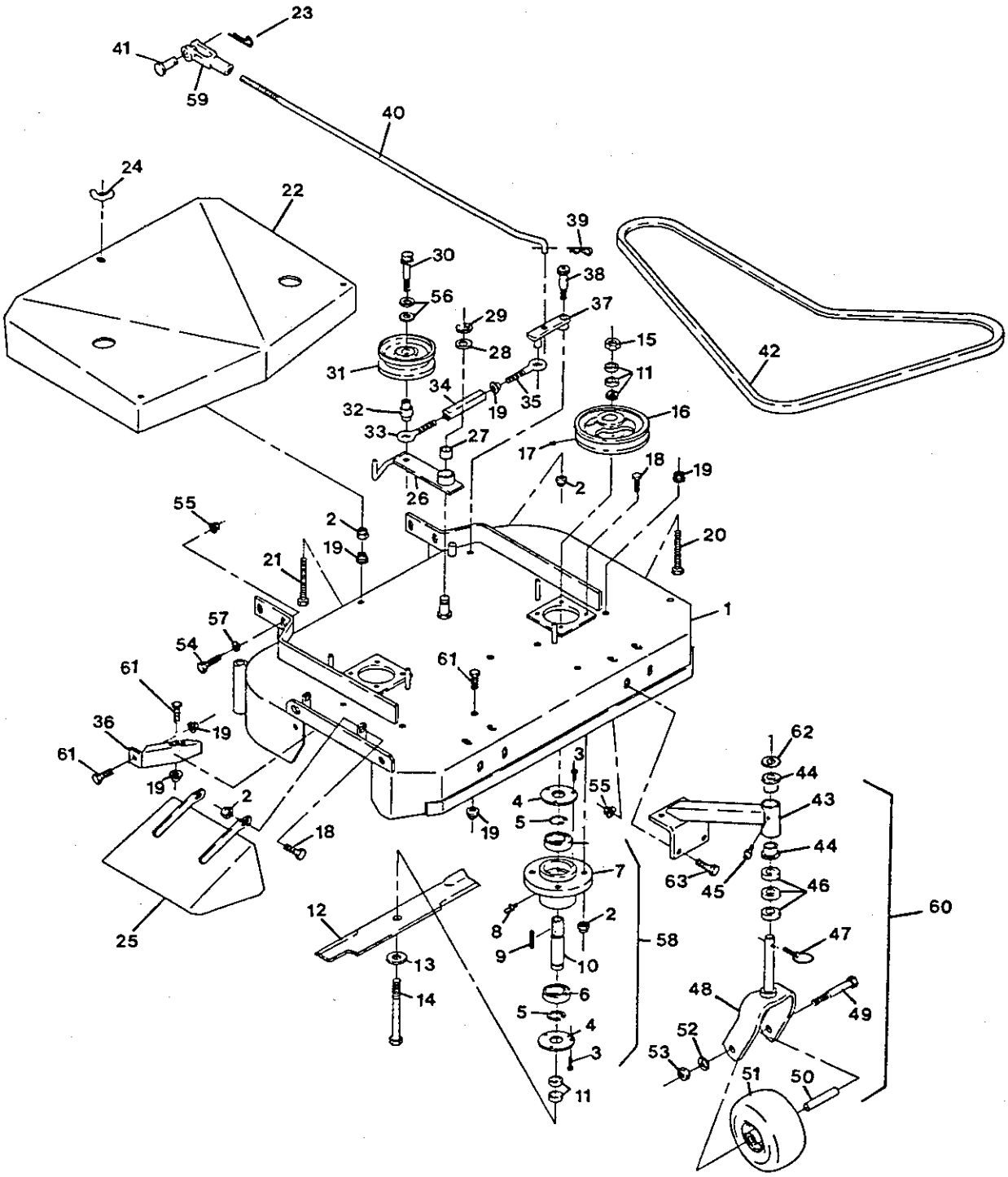


HYDRAULICS GROUP

KEY	PART #	QTY.	DESCRIPTION
1	603991	4	Fitting - Straight Connector
	603919	1	Boss O-Ring
	603992	1	Flare O-Ring
2	603718	2	Wheel Motor
3	603827	5	Hose Clamp
4	603721	1	Fitting - 3/8 Hose Tee
*5	513510	1	Connector - Male
6	603720	1	Head - Filter
7	513211	1	Element - Oil Filter
8	513167	1	Cap - Hydraulic Reservoir
9	523103	1	Gasket - Tank Cap
*10	603987	1	Elbow - 90°
11	512166	1	Reservoir - Hydraulic Fluid
12	603826	3	Hose Clamp
13	603722	1	Fitting - 1/4 Hose Tee
14	513840	2	Elbow - 90°
	603921	1	O-Ring
15	804255	2	1/4-20 Nyloc Nut
16	801060	2	1/4-20 x 2 Pan Hd. Sltd. Mach. Screw
17	603841	1	Pump - Hydro RH
18	603989	2	Elbow - 90°
	603923	1	O-Ring
19	523221	2	Elbow - 45°
	603992	1	Flare O-Ring
	603920	1	Boss O-Ring

KEY	PART #	QTY.	DESCRIPTION
20	603840	1	Pump - Hydro LH
21	603990	2	Adapter - Straight Thread
	603920	1	Boss O-Ring
	603992	1	Flare O-Ring
22	323241	2	Hose - Hydro RH
23	602750	3	Hose Assembly - Case Drain
24	303526	2	Hose Assembly - Charge Pump
*25	603998	1	Elbow - 90°
26	602985	1	Hose Assembly - Supply
27	602754	1	Hose Assembly - Charge Line
28	523210	1	Hose - Hydro LH
29	323218	2	Spacer - Hydraulic Tank
30	809001	2	5/16-18 Whizlock Nut
31	800258	2	1/4-20 x 2 Hex Head Capscrew
32	800292	4	3/8-16 x 1 Hex Head Capscrew
33	800273	2	5/6-18 x 1 Hex Head Capscrew
34	809012	2	1/4-20 Whizlock Nut
35	809007	4	3/8-16 Whizlock Nut
36	523210	1	Hose - Hydro LH (36")
	403102	1	Hose - Hydro LH (48" & 52")
37	807019	2	1.0 x .25 Woodruff Key
38	809068	2	3/4-16 - 2B Slotted Hex Nut
39	806800	2	9/64 x 1-1/2 Cotter Pin

* Use Teflon Pipe Sealant or Equivalent on Hyd Reservoir Fittings & Filter Head Fittings.

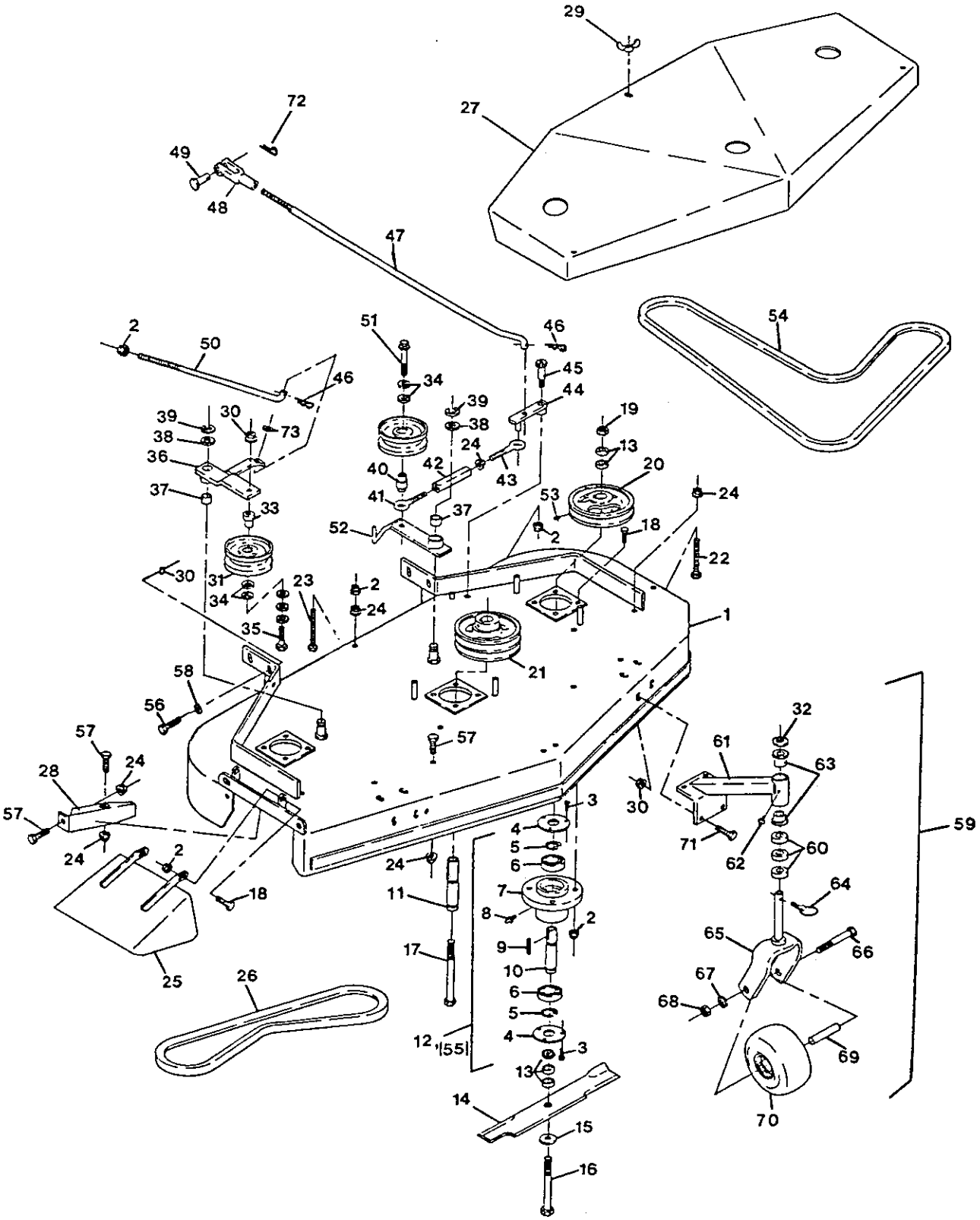

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36" MOWER DECK

KEY	PART #	QTY.	DESCRIPTION
1	302206	1	36" Front Deck w/ Baffles
2	804256	13	5/16-18 Nyloc Hex Nut
3	801035	12	#10-24 x 3/8 Pan Sltd. Head Machine Screw
4	303523	4	Cutter Housing Cap
5	808521	4	Snap Ring
6	303057	4	Cutter Housing Bearing
7	303189	2	Cutter Housing
8	811001	2	1/8 N.P.T. Straight Zerk
9	807263	2	1/4 Sq. x 1-1/4 Key
10	303187	2	Cutter Spindle
11	303164	10	Blade Drive Spacer
12	303146	2	Blade - 18" High Lift (36")
	303495	2	Blade - Mulching (36")*
	303439	2	Blade - Low Lift (36")
	303283	2	1/4 x 18" High Lift Blade (36")
13	805268	2	5/8 Std. Flatwasher
14	800860	2	5/8-18 x 7.5 Gr. 5 HH
15	804510	2	5/8-18 UNF Hex Nut
16	303073	2	Pulley - Cast Iron
	840023		Pro-Lock, Retaining 1 (.5cc Tube) Use on Pulley Bore
17	803310	4	Setscrew - 5/16-18 x 3/8
	840022		Pro-Lock, Nut Type (.5 ml Tube) Use on Setscrews
18	800273	10	5/16-18 x 1 HH Capscrew
19	809001	13	5/16-18 Whizlock Nut
20	800021	2	5/16-18 x 3 HH Tapbolt
21	800020	1	Tapbolt - .31-18 x 3.5 HH
22	302207	1	Shield Weldment - 36" (Viking Hydro)
23	806753	1	3/32 x 1/2 Cotter Pin
24	803014	3	5/16 NC Wing Nut
25	302054	1	Chute
26	302129	1	Engagement Arm w/Bushing
27	303144	1	Powder Metal Bearing
28	303352	1	Washer - Spindle
29	808505	1	E-Ring for .875 Rd.
30	803003	1	3/8-16 x 1-3/4 Whizlock Bolt
31	603843	1	Heavy Duty Idler Pulley
32	303434	1	Engagement Bushing

KEY	PART #	QTY.	DESCRIPTION
33	303348	1	Left Thd. Eye Bolt
34	303236	1	Turnbuckle Body
35	303238	1	Right Thd. Eye Bolt
36	302189	2	Dogleg Baffle
37	302198	1	Assist Arm
38	809011	1	3/8 x 3/4 Shoulder Bolt
39	806003	1	Hairpin Cotter
40	323174	1	Assist Arm Linkage
41	808280	1	5/16 x 1 Clevis Pin
42	323200	1	Drive Belt to Blades - 36"
43	302194	2	Caster Wheel Support Weldment
	302203	2	Caster Wheel Support Weldment w/Bearings
44	303514	4	Flange Thrust Bearing
45	811001	2	Grease Zerk - 1/8 NPT
46	303314	6	Spacer - 10" Caster
47	809020	2	Quick Pin - 10" Caster
48	302200	2	Caster Weldment - Mid-Size
49	800334	2	1/2-13 x 6 HH Capscrew
50	513547	2	Spacer - Front Caster
51	513648	2	9 x 3.50-4 W & T Assembly
	513807	2	Wheel & Hub
	513808	2	Tire - 9 x 3.50-4, 4 Ply
	513809	2	Roller Bearing
	513810	4	Bushing
52	805008	2	1/2 Reg. Spring Lockwasher
53	804509	2	1/2-13 Reg. Hex Nut
54	800292	6	3/8-16 x 1 HH Capscrew
55	809007	14	Nut - 3/8-16 Whizlock
56	805259	2	3/8 SAE Flatwasher
57	303327	6	3/8 Disc Spring Washer
58	302030	2	Cutter Housing - Complete
59	303105	1	Yoke
60	302201	2	Caster, 9" Smooth - Complete
61	800270	9	5/16-18 x 5/8 HH Capscrew
62	513338	2	Washer
63	800290	8	3/8-16 x 3/4 HH Capscrew

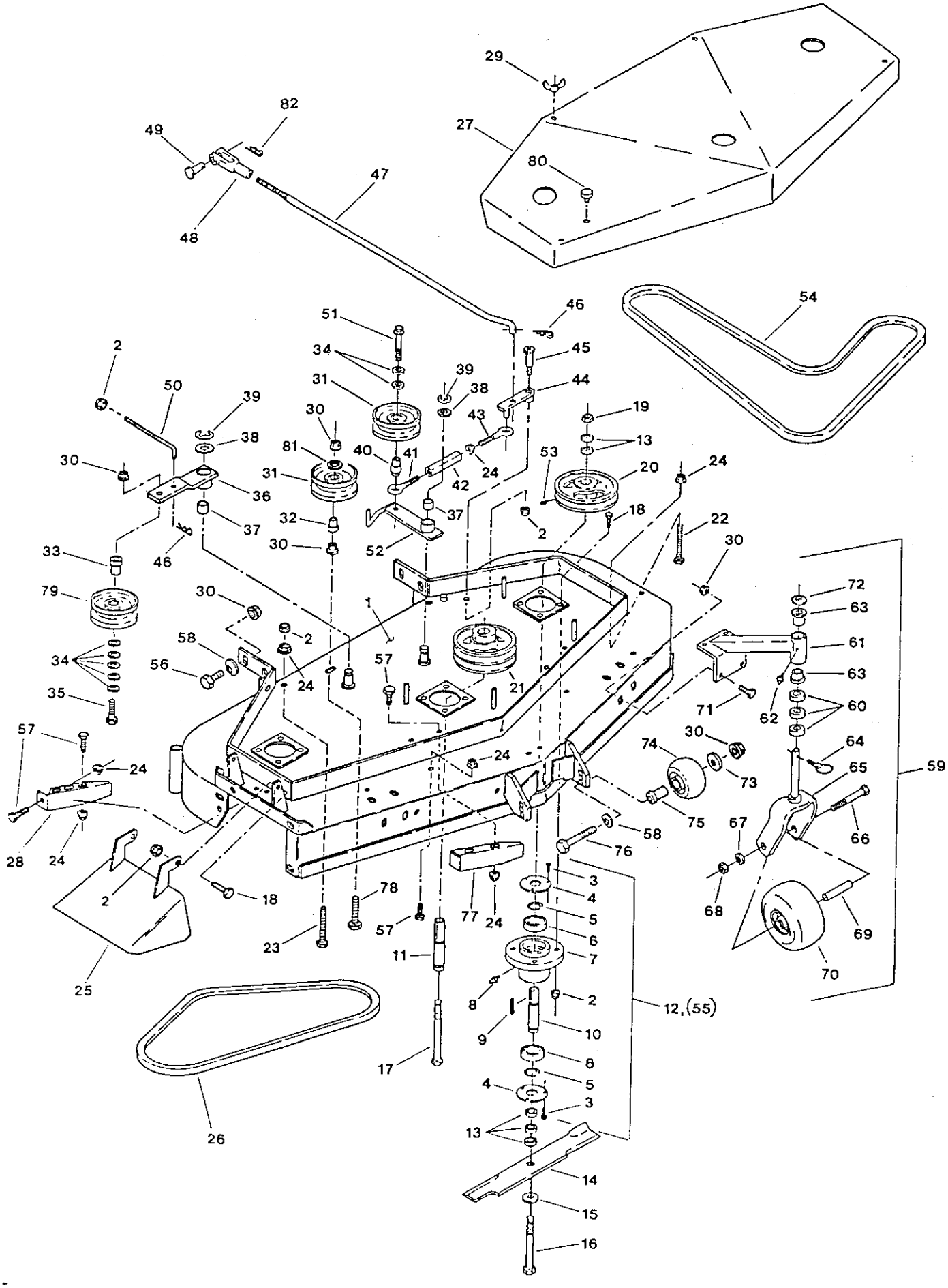
* Requires installation of mulching kit for proper mulching.


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48" MOWER DECK

KEY	PART #	QTY.	DESCRIPTION
1	402043	1	48" Front Deck w/ Baffles
2	804256	17	5/16-18 Nyloc Hex Nut
3	801035	18	#10-24 x 3/8 Pan Sltd. Head Machine Screw
4	303523	6	Cutter Housing Cap
5	808521	6	Snap Ring
6	303057	6	Cutter Housing Bearing
7	303189	3	Cutter Housing
8	811001	3	1/8 N.P.T. Straight Zerk
9	807263	3	1/4 Sq. x 1-1/4 Key
10	303187	2	Cutter Spindle -Outer
11	403033	1	Long Cutter Spindle - Center
12	302030	2	Cutter Housing - Complete-Outer
13	303164	15	Blade Drive Spacer
14	403026	3	Ultra High Lift Blade 16" (48")
	403059	3	1/4 x 16" High Lift Blade Optional (48")
	403086	3	Blade - Mulching (48")*
15	805268	3	5/8 Std. Flatwasher
16	800860	2	5/8-18 x 7.5 Gr 5 HH Cpscrw.
17	800861	1	5/8-18 x 8 Gr 5 HH Capscrew
18	800273	14	5/16-18 x 1 HH Capscrew
19	804510	3	5/8-18 UNF Hex Nut
20	303073	2	Pulley - Cast Iron
	840023		Pro-Lock, Retaining 1 (.5cc Tube) Use on Pulley Bore
21	403032	1	Double Pulley
	840023		Pro-Lock, Retaining 1 (.5cc Tube) Use on Pulley Bore
22	800021	2	5/16-18 x 3 HH Tapbolt
23	800020	1	5/16-18 x 3.5 HH Tapbolt
24	809001	19	5/16-18 Whizlock Nut
25	302054	1	Chute Assembly
26	403025	1	Vee Belt - Front Deck
27	402058	1	Shield Weldment-48" (Viking Hyd)
28	302189	3	Dogleg Baffle
29	803014	3	5/16 NC Wing Nut
30	809007	13	Nut - 3/8-16 Whizlock
31	603843	2	Idler Pulley
32	513338	2	Washer
33	603496	1	Bushing - Idler Bearing
34	805259	7	Flat Washer - 3/8 SAE
35	800296	1	3/8-16 x 2.0 HH Capscrew
36	402017	1	Idler Arm, Rt. Comp. w/Bushing
37	303144	1	Powder Metal Bearing
38	303352	2	Washer - Spindle
39	808505	2	E-Ring f/.875 Rd.
40	303434	1	Engagement Bushing
41	303348	1	Left Thd. Eye Bolt
42	303236	1	Turnbuckle Body
43	303238	1	Right Thd. Eye Bolt
44	302198	1	Assist Arm
45	809011	1	3/8 x 3/4 Shoulder Bolt
46	806003	2	Hairpin Cotter
47	323174	1	Assist Arm Linkage
48	303105	1	Yoke
49	808280	1	5/16 x 1 Clevis Pin
50	403015	1	Belt Tension Rod
51	803003	1	3/8-16 x 1-3/4 Whizlock Bolt
52	302129	1	Enagement Arm w/Bushing
53	803310	6	Setscrew - 5/16-18 x 3/8 Knurl Cuppoint
	840022		Pro-Lock, Nut Type (.5 ml Tube) Use on Setscrews
54	303499	1	Vee Belt - Main Deck
55	402006	1	Center Cutter Housing - Complete
56	800292	6	3/8-16 x 1 HH Capscrew
57	800270	15	5/16-18 x 5/8 HHCS
58	303327	6	3/8 Disc Spring Washer
59	302201	2	Caster, 9" Smooth - Complete
60	303314	6	Spacer - 10" Caster
61	302194	2	Caster Wheel Support Weldment
	302203	2	Caster Wheel Support Weldment w/Bearings
62	811001	2	Grease Zerk - 1/8 NPT
63	303514	4	Flange Thrust Bearing
64	809020	2	Quick Pin - 10" Caster
65	302200	2	Caster Weldment - Mid-Size
66	800334	2	1/2-13 x 6 HH Capscrew
67	805008	2	1/2 Reg. Spring Lockwasher
68	804509	2	1/2-13 Reg. Hex Nut
69	513547	2	Spacer - Front Caster
70	513648	2	9 x 3.50-4 W & T Assembly
	513807	2	Wheel & Hub
	513808	2	Tire - 9x 3.50-4, 4 Ply
	513809	2	Roller Bearing
	513810	4	Bushing
71	800290	8	3/8-16 x 3/4 HH Capscrew
72	806753	1	3/32 x 1/2 Cotter Pin
73	805258	1	5/16 Std. Flat Washer

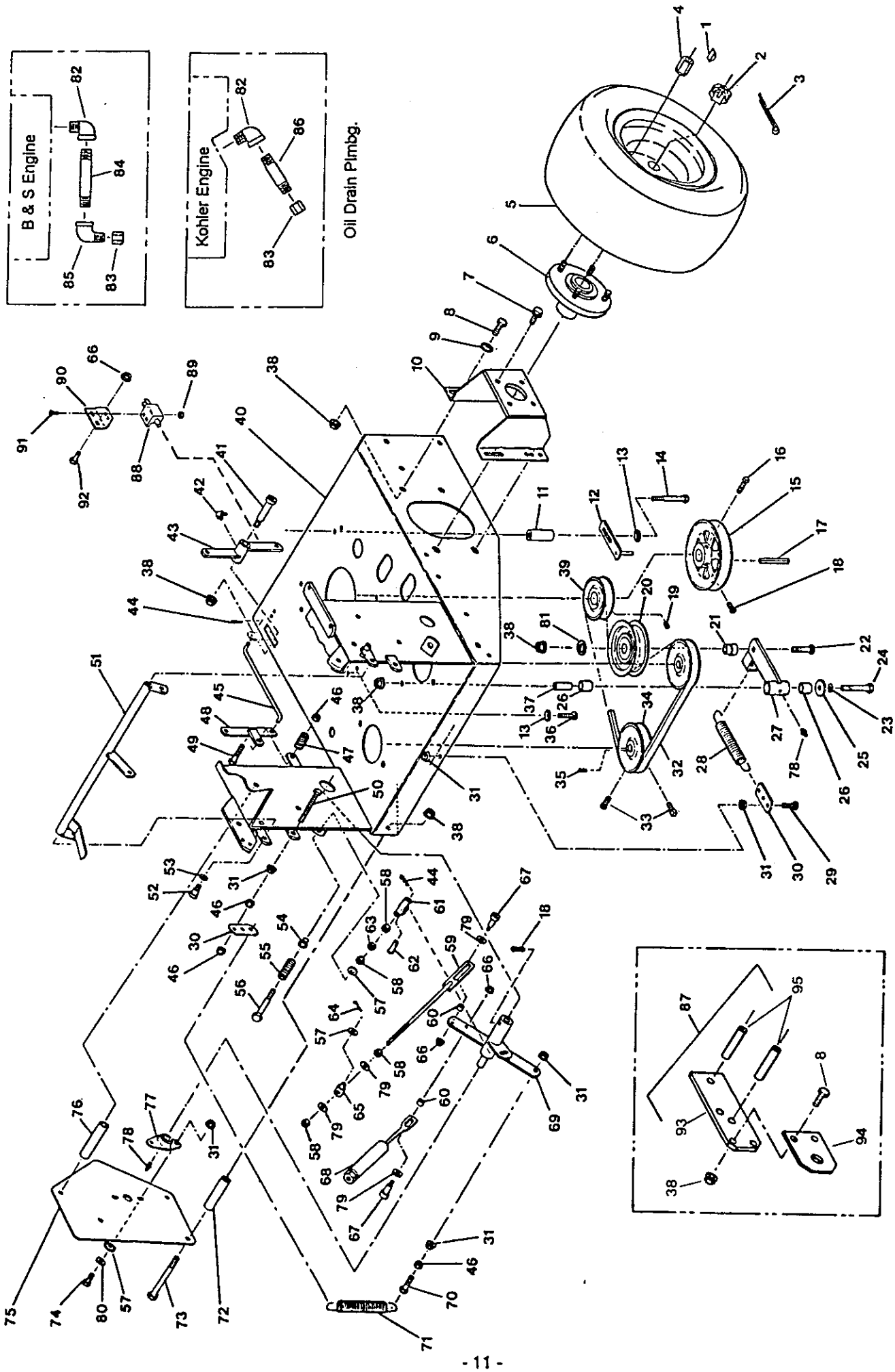
* Requires installation of mulching kit for proper mulching.


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52" MOWER DECK

KEY	PART #	QTY	DESCRIPTION
1	402060	1	52" Rigid Deck w/ Baffles/Decals
2	804256	17	5/16-18 Nyloc Hex Nut
3	801035	18	#10-24x3/8 Pan Sltd Hd Mch Scrw
4	303523	6	Cutter Housing Cap
5	808521	6	Retaining Ring
6	303057	6	Cutter Housing Bearing
7	303189	3	Cutter Housing
8	811001	3	1/8 NPT Str Zerk
9	807263	3	1/4 Sq x 1-1/4 Key
10	303187	2	Cutter Spindle - Outer
11	403033	1	Cutter Spindle - Center
12	302030	2	Cutter Housing (Complete) Outer
13	303164	15	Blade Drive Spacer
14	303527	3	Blade-18" High Lift
	303495	3	Blade Mulching *
	303439	3	Blade - Low Lift
	303283	3	1/4 x 18" High Lift Blade
15	805268	3	5/8 Std Flat Washer
16	800860	2	5/8-18 x 7.5 Gr 5 HHCS
17	800861	1	5/8-18 x 8.0 Gr 5 HHCS
18	800273	14	5/16-18 x 1.0 HHCS
19	804510	3	5/8-18 Hex Nut
20	303073	2	Pulley
	840023		Pro-Lock Retaining 1 (.5 cc tube) - Use on Pulley Bore
21	403032	1	Pulley - Double
	840023		Pro-Lock Retaining 1 (.5 cc tube) - Use on Pulley Bore
22	800021	2	5/16-18 x 3.0 HH Tap Bolt
23	800020	2	5/16-18 x 3.5 HH Tap Bolt
24	809001	20	5/16-18 Whizlock Hex Nut
25	602571	1	Chute Assembly
26	403105	1	Belt RH Blade
27	402059	1	Belt Shield/Decal Assy (52" Vik Hydro)
28	402057	1	Baffle Wldmt. Discharge
29	803014	4	5/16-18 Wing Nut
30	809007	19	3/8-16 Whiz Lock Hex Nut
31	603843	2	Idler Pulley
32	403074	1	Bushing, Idler
33	603496	1	Bushing, Idler
34	805259	7	3/8 SAE flat Washer
35	800296	1	3/8-16 x 2.0 HHCS
36	402053	1	Arm Wldmnt w/bushing
37	303144	2	Bushing, Powdered Metal
38	303352	2	Washer, spindle
39	808505	2	E-Ring
40	303434	1	Engagement Bushing
41	303348	1	LH Thd. Eye Bolt
42	303236	1	Turnbuckle
43	303238	1	RH Thd. Eye Bolt
44	302198	1	Assist Arm
45	809011	1	3/8 x 3/4 Shoulder Bolt
46	806003	3	Hairpin Cotter
47	403111	1	Linkage, 52" Viking Hydro
48	303105	1	Yoke
49	808280	1	5/16 x 1 Clevis Pin
50	403107	1	Linkage, 52" Belt Tension
51	803003	1	3/8-16 x 1.75 Whlz Lock Bolt
52	302129	1	Engagement Arm w/bushing
53	803310	6	5/16-18x3/8 Setscrew, knurled cuppoint
	840022		Pro-Lock, Nut type (.5 ml tube) - Use on Setscrew Threads
54	403088	1	Belt, blade Drive - 52" Vik Hydro
55	402006	1	Cutter Housing(complete) centr
56	800292	6	3/8-16 x 1.0 HHCS
57	800270	15	5/16-18 x 5/8 HHCS
58	303327	8	3/8 Spring Disc Washer
59	302201	2	Caster, 9" Smooth-complete
60	303314	6	Spacer - 10" Caster
61	302194	2	Caster Wheel Support Wldmnt
	302203	2	Caster Whl Supp Wldmt w/brgs
62	811001	2	Grease Zerk - 1/8 Npt.
63	303514	4	Flange Thrust Bearing
64	809020	2	Quick Pin - 10" caster
65	302200	2	Caster Weldment
66	800334	2	1/2-13 x 6.0 HHCS
67	805008	2	1/2 Reg. Spring Lockwasher
68	804509	2	1/2 Reg. Hex Nut
69	513547	2	Spacer, Front Caster
70	513648	2	9 x 3.50 -4 Wheel & Tire Assy
	513807	2	Wheel & Hub
	513808	2	Tire, 9 x3.50-4, 4 Ply
	513809	2	Roller Bearing
	513810	4	Bushing
71	800290	8	3/8-16 x 3/4 HHCS
72	513338	2	Washer
73	373034	2	Washer, Pivot
74	603299	2	Roller, Anti-Scalp
75	603602	2	Bushing, roller
76	800807	2	3/8-16 x 4,0 HHCS Gr 8
77	402055	2	Baffle Wldmt - 52"
78	800029	1	3/8-16 x 2.25 HH Tap Bolt
79	403119	1	Idler Pulley "V"
80	513291	1	Bumper
81	805258	1	5/16 Std Flat Washer
82	806753	1	3/32 x 1/2 Cotter Pin

* Requires Installation of Mulching Kit for proper Mulching.

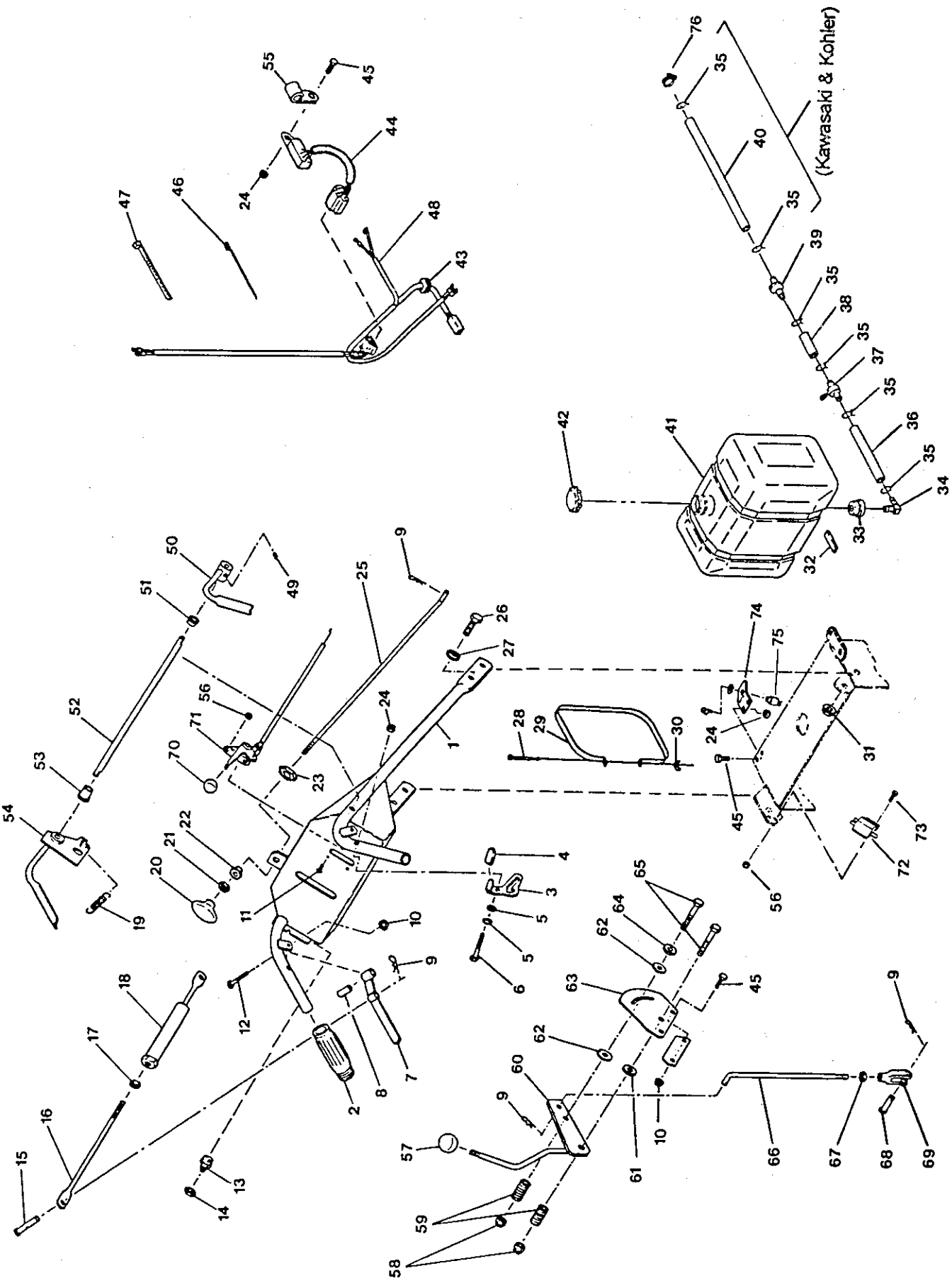

B & S Engine
Kohler Engine
Oil Drain Plmbg.

ENGINE DECK GROUP

KEY	PART #	QTY.	DESCRIPTION
1	807019	2	1.000 x .250 Woodruff Key
2	809068	2	3/4-16 Slotted Hex Nut
3	806800	2	9/64 X 1-1/2 Cotter Pin
4	513011	8	Wheel Nut
5	603714	2	Tire & Wheel Assembly
	603427	1	Tire
	603715	1	Wheel
6	602997	2	Hub, 4 Bolt - Tapered - Use Anti-Seize Compound on tapered bore of Hub
7	803045	8	3/8-16 x 3/4 Whizlock Bolt
8	800292	8	3/8-16 x 1 HHCS
9	303327	8	3/8 Spring Disc Washer
10	322088	2	Motor Mount (36")
	402045	2	Motor Mount (48" & 52")
11	323228	3	Spacer - Belt Guide
12	322110	3	Belt Guide
13	303334	4	5/16 Spring Disc Washer
14	809065	2	M8-1.25 x 75mm HHCS (36" Kaw & Kohler)
	809065	3	M8-1.25 x 75mm HHCS (48" & 52" Kaw & Kohler)
	800283	3	5/16-18 x 3-1/2 HHCS (B & S)
15	403087	1	Sheave - Blade Drive - 48"
	303498	1	Sheave - Blade Drive - 36" Use Anti-seize Compound on Pulley Bore
**16	803046	1	5/16-18 x 1 Sq. Hd. Cuppoint SS
17	807264	1	1/4 Sq. x 2-5/8 Key
**18	803022	3	5/16-18 x 5/8 Sq. Hd. Cuppoint SS
**19	803310	2	5/16-18 x 3/8 Setscrew
20	603843	1	Idler Pulley
21	603496	1	Bushing - Idler
22	807517	1	3/8-16 x 1-3/4 Short Sq. Neck Carr. Bolt
23	805006	1	3/8 Hvy. Spring Lockwasher
24	800298	1	3/8-16 x 2-1/2 HHCS
25	373034	1	Swivel Washer
26	513034	2	Pivot Bearing
27	602521	1	Idler Arm Assy. - w/Bearings
	602458	1	Idler Arm Assy. w/o Bearings
28	603402	1	Extension Spring
29	800273	1	5/16-18 x 1 HHCS
30	603801	3	Spring Anchor
31	809001	12	5/16-18 Whizlock Nut
32	323225	1	Belt - Pump Drive
**33	803050	4	5/16-18 x 3/4 Sq. Hd. Cuppoint SS
34	603778	2	Sheave - Pump
35	807272	2	5 mm Sq. x 25 mm Machine Key
36	809018	1	M8-1.25 x 30 mm HHCS (48" & 52" Kaw & Kohler)
	809018	2	M8-1.25 x 30 mm HHCS (36" Kaw & Kohler)
	800275	1	5/16-18 x 1-1/2 HHCS (B & S)
37	603044	1	Bushing - Idler Pivot
38	809007	19	3/8-16 Whizlock Nut
39	323223	1	Sheave - Pump Drive
	840023		Pro-Lock Retaining 1 (.5cc Tube) Use on Pulley Bore
40	322084	1	Engine Deck Weldment
41	809062	1	Shoulder Bolt - .500 x 1.75
42	811008	1	Zerk
43	322108	1	Bellcrank Assy. w/Zerk
44	806003	5	Hairpin Cotter
45	323172	1	Linkage - Blade Eng.
46	804256	7	5/16-18 Nyloc Nut
47	323245	1	Compression Spring
48	322090	1	Bellcrank Weldment
49	800277	1	5/16-18 x 2 HHCS
50	800021	2	5/16-18 x 3 HH Tap Bolt
51	322096	1	Crank Weldment
52	809056	2	.375 x .375 Shoulder Bolt
53	805259	2	3/8 SAE Flat Washer
54	603735	2	Bushing - Nylon Flanged
55	603807	2	Spring - Neutral Return
56	603737	2	Bolt - Neutral Return
57	805256	8	1/4 Std. Flat Washer
58	804521	8	5/16-24 Hex Nut
59	602742	2	Rod - Control Arm Weldment
60	603903	4	Spacer
61	303105	2	Adjustable Yoke
62	808280	2	5/16-1 Clevis Pin
63	804758	2	5/16-24 Hex Jam Nut
64	806753	2	3/32 x 1/2 Cotter Pin
65	603676	2	Swivel
66	809012	6	1/4-20 Whizlock Nut
**67	809057	4	Shoulder Bolt - .312 x .750
68	602692	2	Housing Weldment
69	322092	1	Left Hand Arm Weldment
	322094	1	Right Hand Arm Weldment (Not Shown)
70	800274	2	5/16-18 x 1-1/4 HHCS
71	603693	2	Extension Spring
72	323197	4	Spacer - Short
73	800302	8	3/8-16 x 4 HHCS
74	800271	4	5/16-18 x 3/4 HHCS
75	323179	2	Shield - Hydro Control
76	323195	4	Spacer - Long
77	543514	2	Flange Bearing
78	811006	3	1/4-28 Str. Zerk
79	805257	8	5/16 SAE Flat Washer
80	805005	4	5/16 Hvy Lock Washer
81	805258	1	5/16 Std.Flat Washer
*82	303431	1	Street Elbow-3/8 NPT - Brass
83	543233	1	Cap - 3/8 NPT
*84	543232	1	Nipple - 4.0 x 3/8 NPT
*85	403124	1	Street Elbow-3/8 NPT - Galv.
*86	323326	1	Nipple - 3.0 x 3/8 NPT
87	301022	1	Sulky Hitch Kit - Vik Hydro
88	513051	1	Blade Engagement Switch
89	804252	2	10-24 Nyloc Nut
90	323213	1	Switch Bracket
91	801039	2	10-24 x 5/8 Machine Screw
92	800251	2	1/4-20 x 5/8 HH Capscrew
93	373036	2	Hitch Mount
94	323238	2	Bracket, Hitch Adapter
95	323240	4	Spacer, Shield

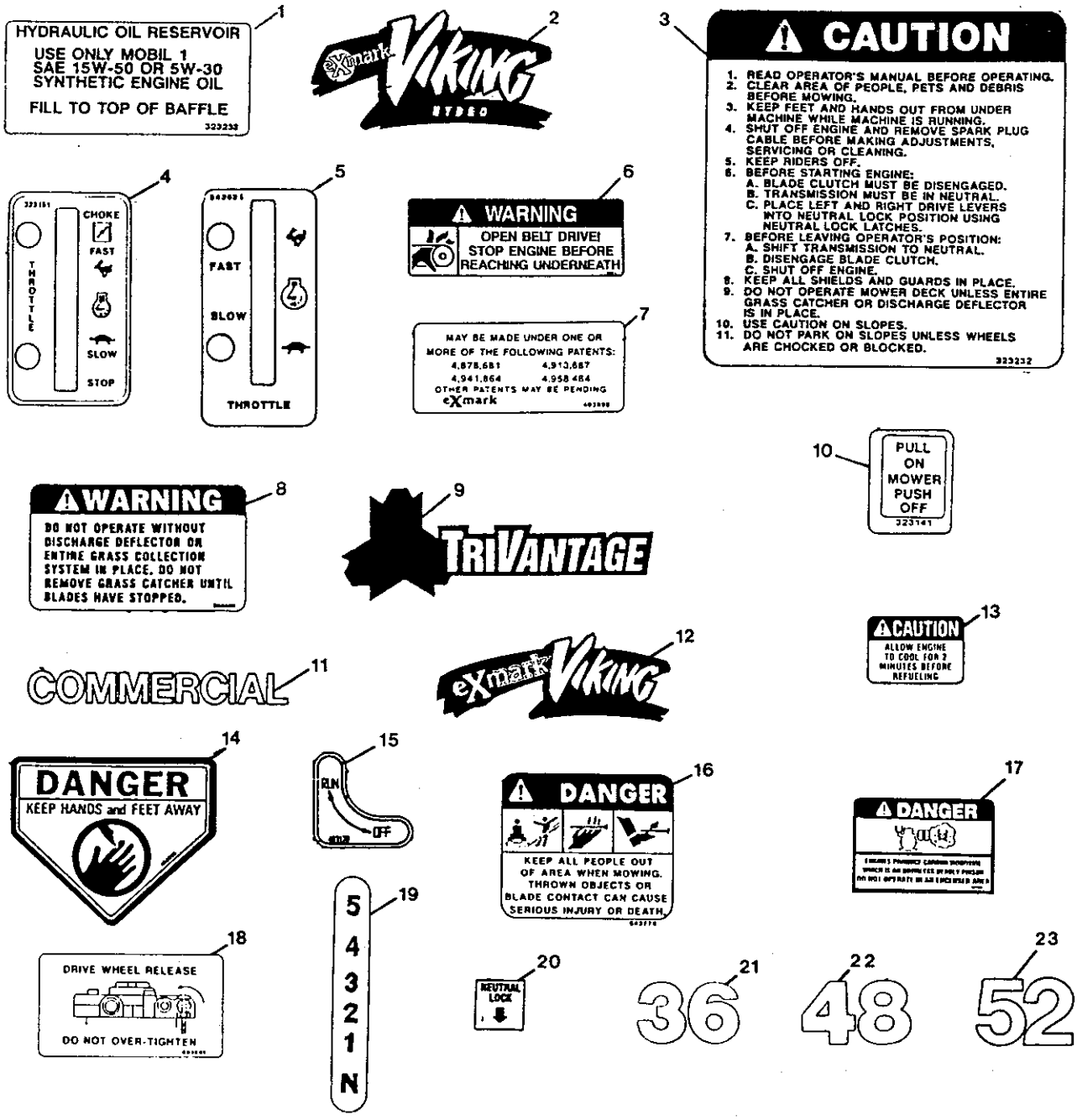
* Use Teflon Pipe sealant or Equivalent on Threads.

** Use P/N 840022 Pro-Lock, Nut Type (.5ml Tube) on Threads


(Kawasaki & Kohler)

UPPER HANDLE & CONTROLS

KEY	PART #	QTY.	DESCRIPTION
1	322098	1	Handle Weldment
2	303097	2	Handle Grip
3	603767	1	Latch - Hydro Drive Lever - RH (Shown)
	603769	1	Latch - Hydro Drive Lever - LH
4	303019	2	Grip - Vinyl Latch
5	303435	4	1/4 Disc Spring Washer
6	800257	2	1/4-20 x 1-3/4 HHCS
7	602837	1	Drive Lever Weldment - LH (Shown)
	602839	1	Drive Lever Weldment - RH
8	603749	2	Bushing - Drive Lever
9	806003	5	Hairpin Cotter
10	809012	4	1/4-20 Whizlock Nut
11	807513	2	#10-24 x 1/2 RHSN Bolt
12	800256	2	1/4-20 x 1-1/2 HHCS
13	303372	1	Operator Control Switch
14	803034	1	9/16 Pal Nut
15	603792	2	Pin - Clevis
16	323192	2	Rod - Drive Lever Linkage - Use Anti-Seize Compound on threads
17	804506	2	5/16-18 Regular Nut
18	602692	2	Housing Weldment
19	303363	1	Actuator Spring
20	323134	1	Knob - Push/Pull
21	804751	1	5/16-18 Jam Nut
22	323143	1	Nylon Bushing - .38 I.D.
23	323142	1	Push Nut .50 Shaft
24	804255	3	1/4-20 Nyloc Nut (Kaw & Kohler)
	804255	5	1/4-20 Nyloc Nut (B &S)
25	323181	1	Linkage - Blade Push/Pull
26	800292	4	3/8-16 x 1 HHCS
27	303327	4	3/8 Disc Spring Washer
28	801062	2	1/4-20 x 3 Machine Screw
29	303465	2	Strap - 5 Gallon Fuel Tank
30	543792	2	1/4-20 Nyloc Wingnut
31	809007	4	3/8-16 Whizlock Nut
32	303315	2	Gas Tank Pad
33	513645	1	Bushing - Fuel Valve
34	543277	1	Elbow - Fuel Tank
35	303077	6	Clamp - Gas Line (Kohler)
	303077	4	Clamp - Gas Line (B& S)
	303077	5	Clamp - Gas Line (Kawasaki)
36	603955	1	Fuel Line - 6" (Kawasaki & Kohler)
	543649	1	Fuel Line - 7" (B & S)
37	603770	1	Valve - Gas
38	603776	1	Fuel Line - 2.5" (Kawasaki & Kohler)
	303471	1	Fuel Line - 12" (B & S)
39	303197	1	Gas Filter
40	603954	1	Gas Line - 13.75" (Kohler)
	303471	1	Gas Line - 12.0" (Kawasaki)
41	543364	1	Gas Tank
42	513508	1	Gas Cap
43	543296	1	Grommet
44	323145	1	Interlock Module (Kawasaki and B & S)
	323146	1	Interlock Module (Kohler)
45	800251	3	1/4-20 x 5/8 HHCS (Kaw & Kohler)
	800251	5	1/4-20 x 5/8 HHCS (B & S)
46	303287	2	Plastic Tie, 5.5 x .044 x .1
47	303335	2	Plastic Tie, 7-15/16
48	323231	1	Wiring Harness (Kawasaki)
	323230	1	Wiring Harness (Kohler)
	403112	1	Wiring Harness (B & S)
49	803322	2	5/16-24 x 5/16 Setscrew
	840022		Pro-Lock, Nut Type (.5 cc Tube) Use on Setscrews
50	302138	1	Lever Weldment - OPC - RH
	840023		Pro-Lock Retaining 1 (.5 ml Tube) Use on Inside bore of OPC Hub (See Operator's Manual)
51	303365	1	Nylon Bushing
52	303364	1	Connecting Rod
53	303369	1	Bushing - Flanged
54	602507	1	Lever Weldment - OPC - LH
	840023		Pro-Lock Retaining 1 (.5 ml Tube) Use on Inside bore of OPC Hub (See Operator's Manual)
55	603727	1	Clip - .56 Loom
56	804252	2	#10-24 Nyloc Nut
57	603175	1	Knob - 1-3/8
58	804256	2	5/16-18 Nyloc Nut
59	323245	2	Spring - Compression
60	602733	1	Lever Weldment - Shift
61	805257	1	5/16 Flat Washer
62	323244	2	Washer - Friction
63	603730	1	Plate - Shift Lever
64	603716	1	Washer - Friction
65	800277	2	5/16-18 x 2 HHCS
66	323183	1	Rod - Speed Control
67	804758	1	5/16-24 Jam Nut
68	808280	1	Clevis Pin
69	303105	1	Yoke - Adjustable
70	513592	1	Knob - Red Ball
71	323129	1	Throttle Cable (Kaw & Kohler)
	543697	1	Throttle Cable (B & S)
72	513051	1	Switch - Neutral Lockout
73	801040	2	#10-24 x .75 Machine Screw
74	403118	1	Bracket, Key Switch (B & S)
75	403121	1	Switch, ON-Off Key (B & S)
	603511	1	Ignition Keys
76	303308	1	Clamp - Gas Line (Kawasaki)

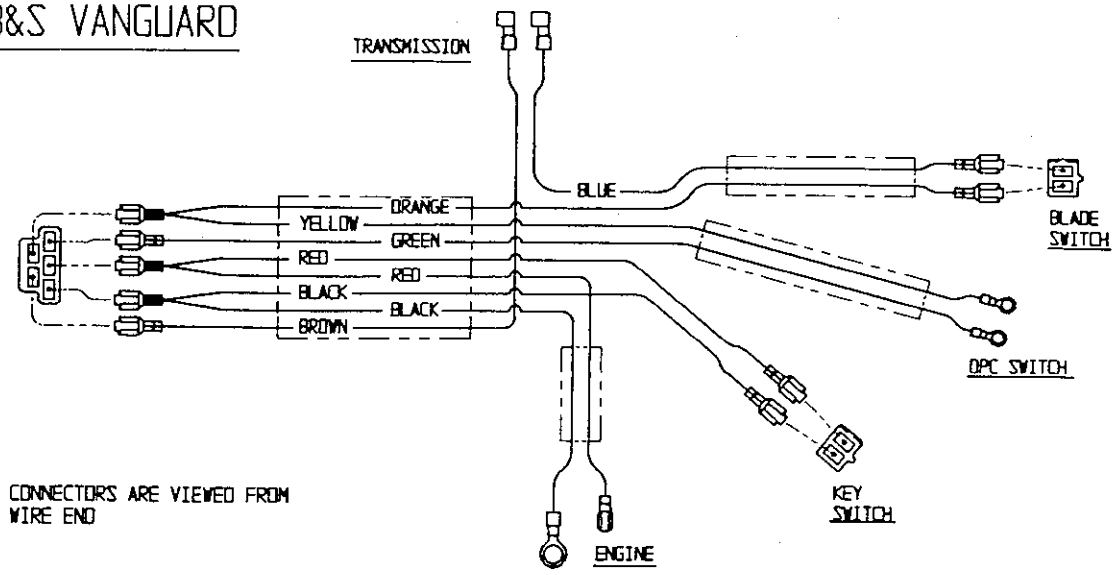


DECALS

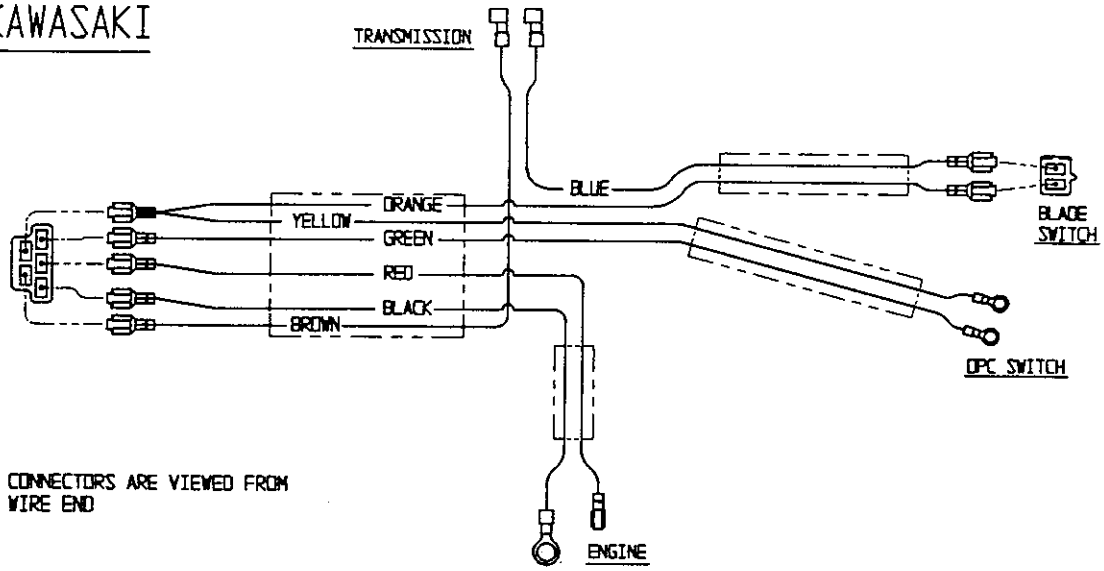
KEY	PART #	QTY.	DESCRIPTION
1	323233	1	Decal - Hydraulic Tank
2	323319	1	Decal - Large Viking
3	323232	1	Decal - Instructional
4	323151	1	Decal - Throttle/Choke
5	543631	1	Decal - Throttle (B & S)
6	303517	1	Decal - Belt Drive
7	403080	1	Decal - Patent
8	303508	1	Decal - Discharge Warning
9	303520	1	Decal - TriVantage
10	323141	1	Decal - Mower Engagement
11	403034	1	Decal - Commercial

KEY	PART #	QTY.	DESCRIPTION
12	323321	1	Decal - Small Viking
13	303293	1	Decal - Caution
14	403005	1	Decal - Danger
15	403120	1	Decal - Off/Run
16	543774	1	Decal - Danger
17	303481	1	Decal - Carbon Monoxide
18	603845	1	Decal - Drive Wheel Release
19	603804	1	Decal - Shifter
20	303102	2	Neutral Lock Label
21	303096	1	Decal - 36"
22	403020	1	Decal - 48"
23	603622	1	Decal - 52"

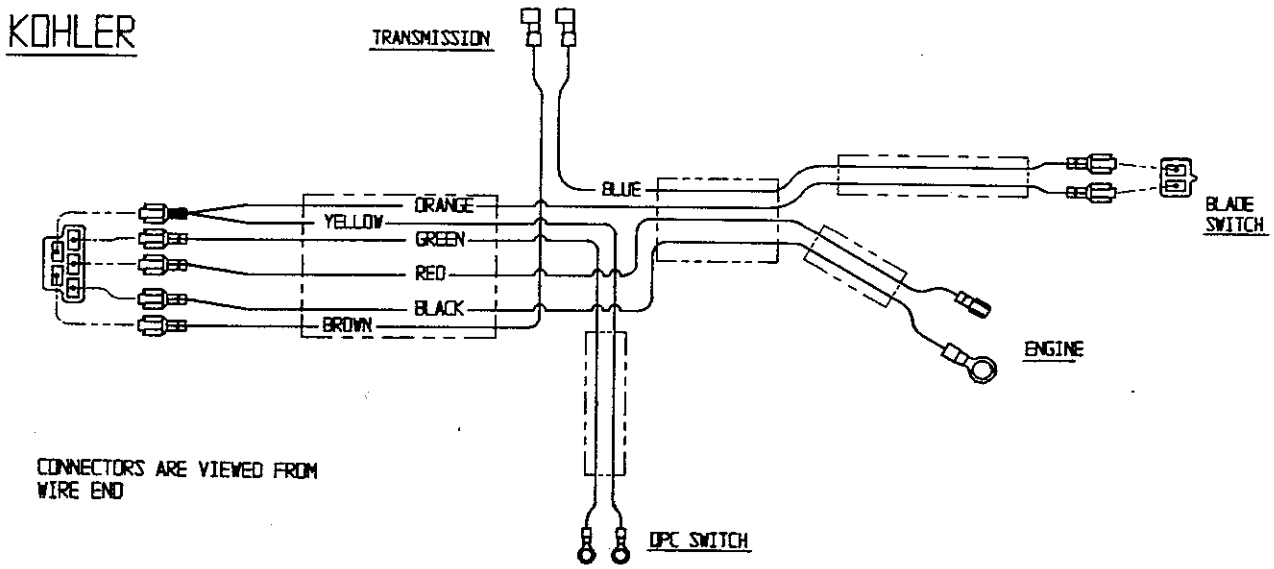
B&S VANGUARD



KAWASAKI



KOHLER



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