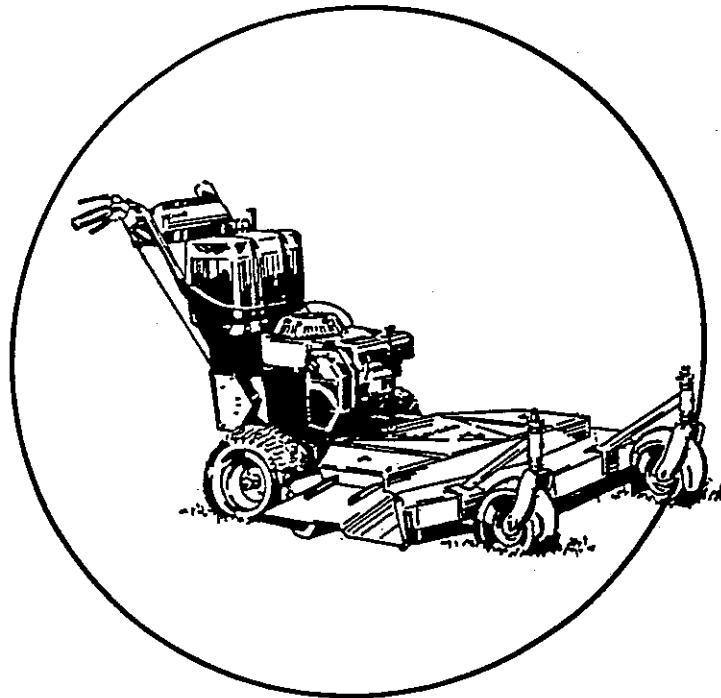




For Serial Nos.
90,000 & Higher

METRO



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 _____

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SAFETY RECOMMENDATIONS 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 CONTAINER 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 directions on slopes. Do not mow excessively steep slopes.
6. Use extreme caution when backing up.
7. Stop the blades, if mower must be tilted for transportation, 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, disengage blade and wheel drive clutches before starting engine.
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).

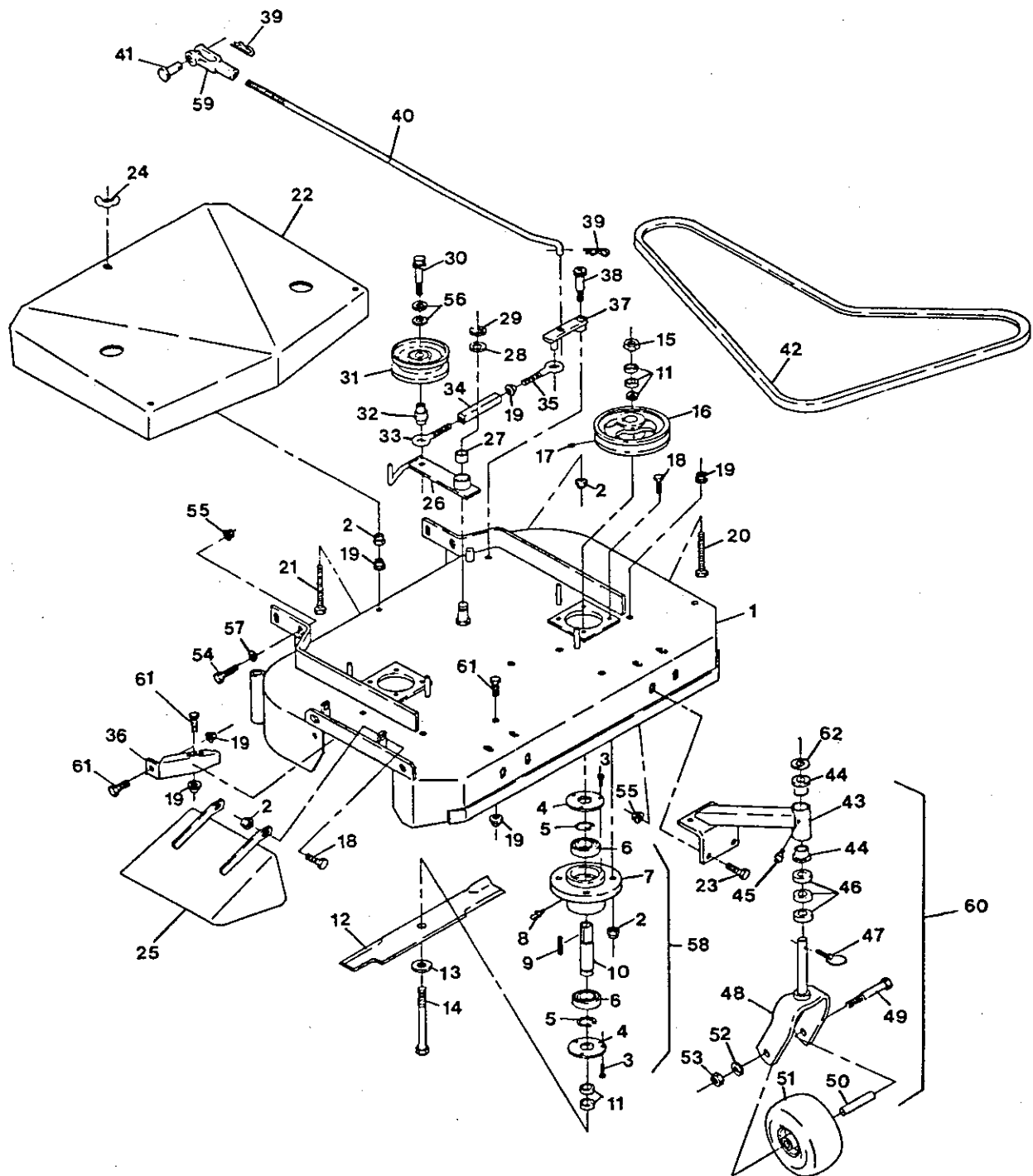
14. Stop the engine:
 - a) Before clearing blockages.
 - b) Before removing the grasscatcher.
 - c) Whenever you leave the mower.
 - d) Before refueling
 - e) Before making height adjustments
15. Return the throttle control to the idle position for 30 seconds for the engine cool down before stopping 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 away from 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 THE OPERATION, 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.**
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. Maximum mowing results and safety can only be achieved if the mower is properly maintained and operated correctly.
7. 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.
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.

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, insure that current safety signs are affixed to the replaced component.
4. New safety signs may be obtained from your authorized Exmark equipment distributor or dealer 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 instruction labels. They are critical to the safe operation of your Exmark commercial mower.

Maintenance and Storage

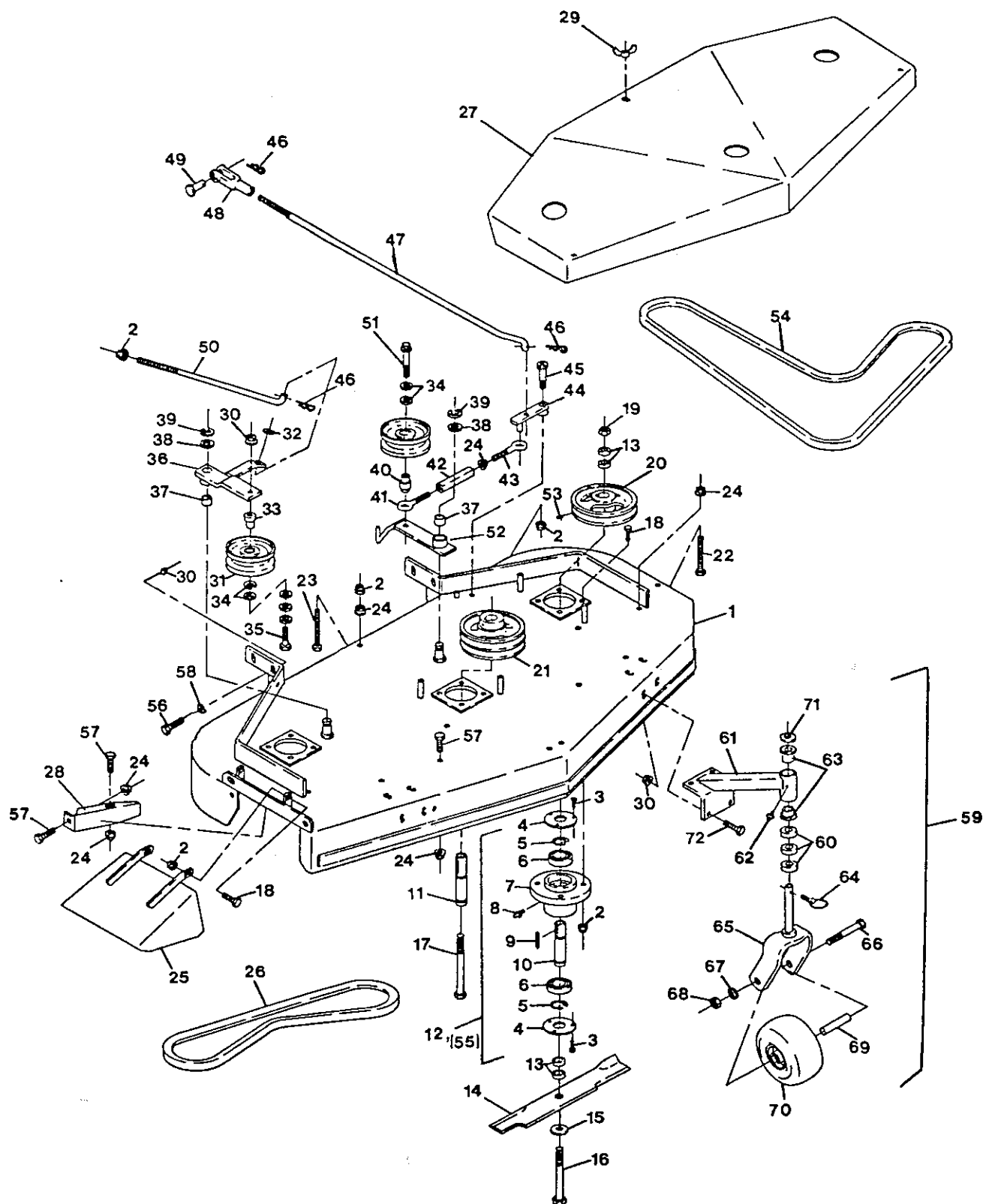
1. Precisely follow the engine manufacturer's recommendations for maintenance.
2. If carburetor adjustment is necessary, stand to one side and keep feet and hands clear while making adjustments.
3. Keep engine free from accumulation of grass, leaves or excessive grease or oil. An accumulation of these combustible materials may result in a fire.



36" MOWER DECK

KEY	PART #	QTY	DESCRIPTION	KEY	PART #	QTY	DESCRIPTION
1	302206	1	36" Front Deck w/ Baffles	31	603843	1	Heavy Duty Idler Pulley
2	804256	13	5/16-18 Nyloc Hex Nut	32	303434	1	Engagement Bushing
3	801035	12	#10-24 x 3/8 Pan Std. Head Machine Screw	33	303348	1	Left Thd. Eye Bolt
4	303523	4	Cutter Housing Cap	34	303236	1	Tumbuckle Body
5	808521	4	Snap Ring	35	303238	1	Right Thd. Eye Bolt
6	303057	4	Cutter Housing Bearing	36	302189	2	Dogleg Baffle
7	303189	2	Cutter Housing	37	302198	1	Assist Arm
8	811001	2	1/8 N.P.T. Straight Zerk	38	809011	1	3/8 x 3/4 Shoulder Bolt
9	807263	2	1/4 Sq. x 1 1/4 Key	39	806003	2	Hairpin Cotter
10	303187	2	Cutter Spindle	40	323303	1	Assist Arm Linkage
11	303164	10	Blade Drive Spacer	41	808280	1	5/16 x 1 Clevis Pin
12	303146	2	Blade - 18" High Lift (36")	42	323299	1	Drive Belt to Blades - 36"
	303495	2	Blade - Mulching (36")*	43	302194	2	Caster Wheel Support Weldment
	303439	2	Blade - Low Lift (36")		302203	2	Caster Wheel Support Weldment w/ Bearings
	303283	2	1/4 x 18" High Lift Blade (36")	44	303514	4	Flange Thrust Bearing
13	805268	2	5/8 Std Flat washer	45	811001	2	Grease Zerk - 1/8 N.P.T.
14	800860	2	5/8-18 x 7.5 Gr. 5 HH Capscrew	46	303314	6	Spacer - 10" Caster
15	804510	2	5/8-18 UNF Hex Nut	47	809020	2	Quick Pin - 10" Caster
16	303073	2	Pulley - Cast Iron	48	302200	2	Caster Weldment - Mid-Size
	840023		Prolock, Retaining 1 (.5 cc tube) - Use on Pulley Bore	49	800334	2	1/2-13 x 6 HH Capscrew
17	803310	4	Setscrew - 5/16-18 x 3/8	50	513547	2	Spacer - Front Caster
	840022		Prolock, Nut Type (.5 ml tube) - Use on Setscrew Threads	51	513648	2	9 x 3.50 - 4 W & T Assembly
18	800273	10	5/16-18 x 1 HH Capscrew		513807	2	Wheel & Hub
19	809001	13	5/16-18 Whizlock Nut		513808	2	Tire - 9 x 3.50-4, 4 Ply
20	800021	2	5/16-18 x 3 HH Tapbolt		513809	2	Roller Bearing
21	800020	1	Tapbolt - .31-18 x 3.5 HH		513810	4	Bushing
22	324156	1	Shield Weldment - 36" Metro	52	805008	2	1/2 Reg. Spring Lockwasher
23	800290	8	3/8-16 x 3/4 HH Capscrew	53	804509	2	1/2-13 Reg. Hex Nut
24	803014	3	5/16 NC Wingnut	54	800293	6	3/8-16 x 1-1/4 HH Capscrew
25	302054	1	Chute	55	809007	14	Nut - 3/8-16 Whizlock
26	302129	1	Engagement Arm w/ Bushing	56	805259	2	3/8 SAE Flatwasher
27	303144	1	Powder Metal Bearing	57	303327	6	3/8 Disc Spring Washer
28	303352	1	Washer - Spindle	58	302030	2	Cutter Housing - Complete
29	808505	1	E-Ring for .875 Rd.	59	303105	1	Yoke
30	803003	1	3/8-16 x 1-3/4 Whizlock bolt	60	302201	2	Caster, 9" Smooth - Complete
				61	800270	9	5/16-18 x 5/8 HH Capscrew
				62	513338	2	Washer

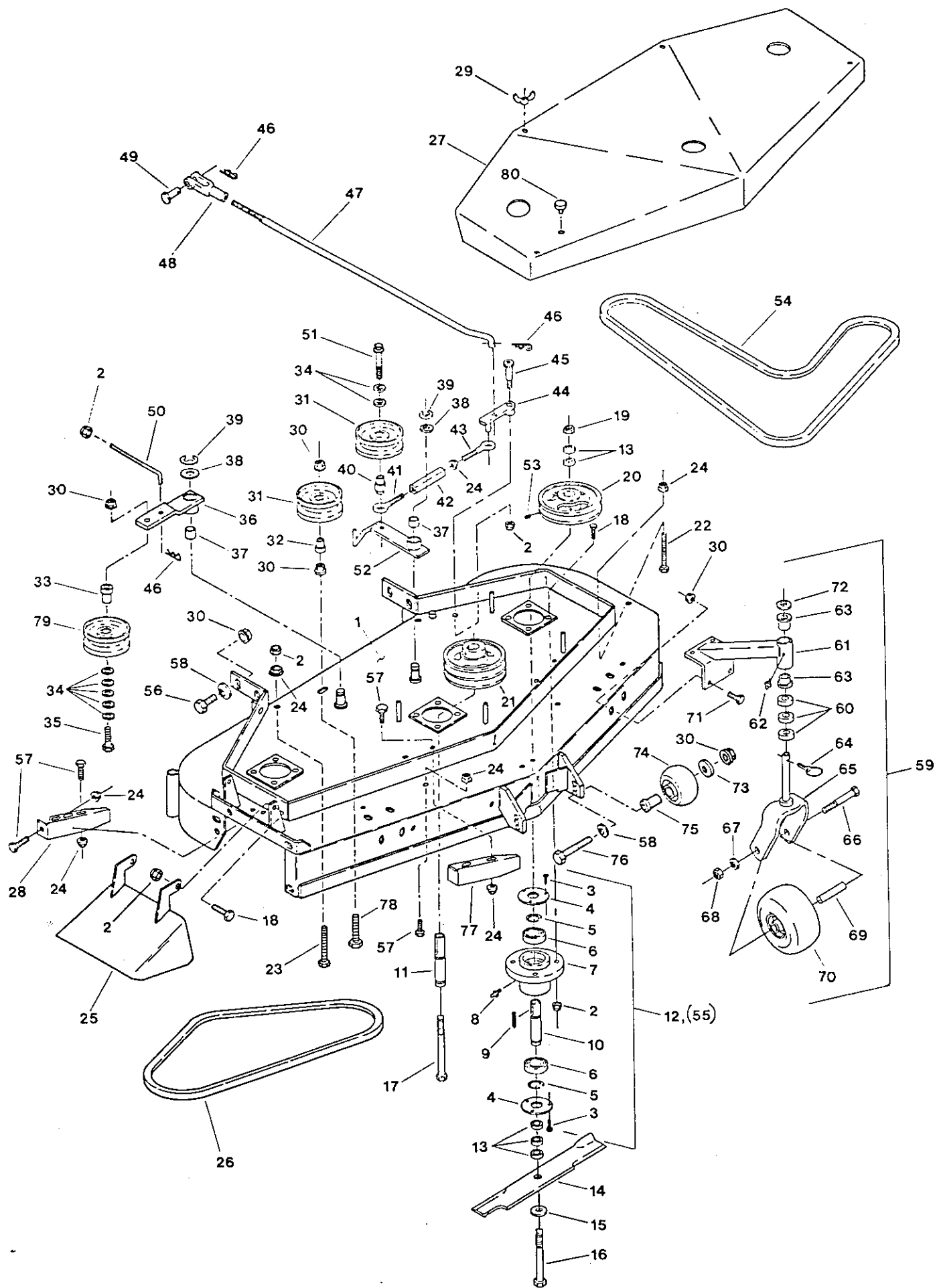
*Requires Installation of mulching kit for proper mulching.



48" MOWER DECK

KEY	PART #	QTY	DESCRIPTION	KEY	PART #	QTY	DESCRIPTION
1	402043	1	Front Deck Weld - 48" w/ Baffles	39	808505	2	E-Ring f/.875 Rd.
2	804256	17	5/16-18 Nylock Hex Nut	40	303434	1	Engagement Bushing
3	801035	18	#10-24 x 3/8 Pan Slt'd. Head Machine Screw	41	303348	1	Left Thd. Eye Bolt
4	303523	6	Cutter Housing Cap	42	303236	1	Turnbuckle Body
5	808521	6	Snap Ring	43	303238	1	Right Thd. Eye Bolt
6	303057	6	Cutter Housing Bearing	44	302198	1	Assist Arm
7	303189	3	Cutter Housing	45	809011	1	3/8 x 3/4 Shoulder Bolt
8	811001	3	1/8 N.P.T. Straight Zerk	46	806003	3	Hairpin Cotter
9	807263	3	1/4 Sq. x 1-1/4 Key	47	323303	1	Assist Arm Linkage
10	303187	2	Cutter Spindle - Outer	48	303105	1	Yoke
11	403033	1	Cutter Spindle - Center	49	808280	1	5/16 x 1 Clevis Pin
12	302030	2	Cutter Housing - Complete - Outer	50	403015	1	Belt Tension Rod
13	303164	15	Blade Drive Spacer	51	803003	1	3/8-16 x 1-3/4 Whizlock Bolt
14	403026	3	Ultra High Lift Blade 16" (48")	52	302129	1	Engagement Arm w/ Bushing
	403059	3	1/4 x 16" High Lift Blade Optional 48"	53	803310	6	Setscrew - 5/16-18 x 3/8 Knurl Cuppoint
	403086	3	Blade - Mulching (48") *		840022		Pro-Lock, Nut Type (.5 ml tube) - Use on Setscrew Threads
15	805268	3	5/8 Std. Flatwasher	54	323300	1	Vee Belt - Main Deck
16	800860	2	5/8-18 x 7.5 Gr. 5 HH Capscrew	55	402006	1	Center Cutter Housing - Complete
17	800861	1	5/8-18 x 8 Gr. 5 HH Capscrew	56	800293	6	3/8-16 x 1-1/4 HH Capscrew
18	800273	14	5/16-18 x 1 HH Capscrew	57	800270	15	5/16-18 x 5/8 HHCS
19	804510	3	5/8-18 UNF Hex Nut	58	303327	6	3/8 Disc Spring Washer
20	303073	2	Pulley - Cast Iron	59	302201	2	Caster, 9" Smooth - Complete
	840023		Pro-Lock Retaining 1 (.5 cc tube) - Use on Pulley Bore	60	303314	6	Spacer - 10" Caster
21	403032	1	Double Pulley	61	302194	2	Caster Wheel Support Weldment
	840023		Pro-Lock Retaining 1 (.5 cc tube) - Use on Pulley Bore		302203	2	Caster Wheel Support Weldment w/ Bearings
22	800021	2	5/16-18 x 3 HH Tapbolt	62	811001	2	Grease Zerk - 1/8 NPT
23	800020	1	Tapbolt - .31-18 x 3.5 HH	63	303514	4	Flange Thrust Bearing
24	809001	19	5/16-18 Whizlock Nut	64	809020	2	Quick Pin - 10" Caster
25	302054	1	Chute Assembly	65	302200	2	Caster Weldment - Mid-Size
26	403025	1	Vee Belt - Front Deck	66	800334	2	1/2-13 x 6 HH Capscrew
27	404135	1	Shield Weldment - 48" (Metro)	67	805008	2	1/2 Reg. Spring Lockwasher
28	302189	3	Dogleg Baffle	68	804509	2	1/2-13 Reg. Hex Nut
29	803014	3	5/16 NC Wing Nut	69	513547	2	Spacer - Front Caster
30	809007	13	Nut - 3/8-16 Whizlock	70	513648	2	9 x 3.50-4 W & T Assy
31	603843	2	Idler Pulley		513807	2	Wheel & Hub
32	805258	1	5/16 Std Flat Washer		513808	2	Tire - 9 x 3.50-4, 4 Ply
33	603496	1	Bushing - Idler Bearing		513809	2	Roller Bearing
34	805259	7	Flat washer - 3/8 SAE		513810	4	Bushing
35	800296	1	3/8-16 x 2.0 HH Capscrew	71	513338	2	Washer
36	402017	1	Idler Arm, Rt. Comp. w/ Bushing	72	800290	8	3/8-16 x 3/4 HH Capscrew
37	303144	1	Powder Metal Bearing				
38	303352	2	Washer - Spindle				

* Requires Installation of Mulching Kit for proper Mulching.

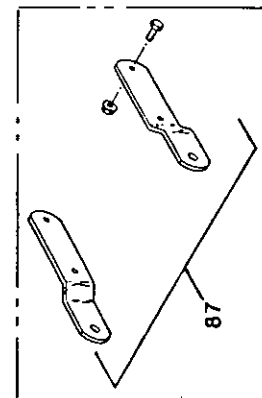
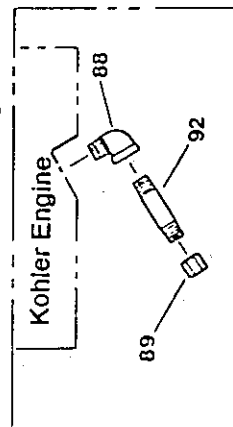


52" MOWER DECK

KEY	PART #	QTY	DESCRIPTION	KEY	PART #	QTY	DESCRIPTION
1	402060	1	52" Rigid Deck w/ Baffles/Decals	42	303236	1	Turnbuckle
2	804256	17	5/16-18 Nyloc Hex Nut	43	303238	1	RH Thd. Eye Bolt
3	801035	18	#10-24x3/8 Pan Sltd Hd Mch Scrw	44	302198	1	Assist Arm
4	303523	6	Cutter Housing Cap	45	809011	1	3/8 x 3/4 Shoulder Bolt
5	808521	6	Retaining Ring	46	806003	3	Hairpin Cotter
6	303057	6	Cutter Housing Bearing	47	323303	1	Linkage, 52" Metro
7	303189	3	Cutter Housing	48	303105	1	Yoke
8	811001	3	1/8 NPT Str Zerk	49	808280	1	5/16 x 1 Clevis Pin
9	807263	3	1/4 Sq x 1-1/4 Key	50	403107	1	Linkage, 52" Belt Tension
10	303187	2	Cutter spindle - Outer	51	803003	1	3/8-16 x 1.75 Whiz Lock Bolt
11	403033	1	Cutter Spindle - Center	52	302129	1	Engagement Arm w/bushing
12	302030	2	Cutter Housing (Complete) Outer	53	803310	6	5/16-18x3/8 Setscrew, knurled cuppoint
13	303164	15	Blade Drive Spacer		840022		Pro-Lock, Nut type (.5 ml tube) - Use on Setscrew Threads
14	303527	3	Blade-18" High Lift	54	323301	1	Belt, blade Drive - 52" Metro
	303495	3	Blade Mulching *	55	402006	1	Cutter Housing (complete) centr
	303439	3	Blade - Low Lift	56	800293	6	3/8-16 x 1.25 HHCS
	303283	3	1/4 x 18" High Lift Blade	57	800270	15	5/6-18 x 5/8 HHCS
15	805268	3	5/8 Std Flat Washer	58	303327	8	3/8 Spring Disc Washer
16	800860	2	5/8-18 x 7.5 Gr 5 HHCS	59	302201	2	Caster, 9" Smooth-complete
17	800861	1	5/8-18 x 8.0 Gr 5 HHCS	60	303314	6	Spacer - 10" Caster
18	800273	14	5/16-18 x 1.0 HHCS	61	302194	2	Caster Wheel Support Wldmnt
19	804510	3	5/8-18 Hex Nut		302203	2	Caster Whl Supp Wldmt w/brgs
20	303073	2	Pulley	62	811001	2	Grease Zerk - 1/8 Npt.
	840023		Pro-Lock Retaining 1 (.5 cc tube) - Use on Pulley Bore	63	303514	4	Flange Thrust Bearing
21	403032	1	Pulley - Double	64	809020	2	Quick Pin - 10" caster
	840023		Pro-Lock Retaining 1 (.5 cc tube) - Use on Pulley Bore	65	302200	2	Caster Weldment
22	800021	2	5/16-18 x 3.0 HH Tap Bolt	66	800334	2	1/2-13 x 6.0 HHCS
23	800020	2	5/16-18 x 3.5 HH Tap Bolt	67	805008	2	1/2 Reg. Spring Lockwasher
24	809001	20	5/16-18 Whizlock Hex Nut	68	804509	2	1/2 Reg. Hex Nut
25	602571	1	Chute Assembly	69	513547	2	Spacer, Front Caster
26	403105	1	Belt RH Blade	70	513648	2	9 x 3.50 -4 Wheel & Tire Assy
27	404136	1	Belt Shield/Decal Assy (52" Metro)		513807	2	Wheel & Hub
28	402057	1	Baffle Wldmt. Discharge		513808	2	Tire, 9 x3.50-4, 4 Ply
29	803014	4	5/16-18 Wing Nut		513809	2	Roller Bearing
30	809007	19	3/8-16 Whiz Lock Hex Nut		513810	4	Bushing
31	603843	2	Idler Pulley	71	800290	8	3/8-16 x 3/4 HHCS
32	403074	1	Bushing, Idler	72	513338	2	Washer
33	603496	1	Bushing, Idler	73	373034	2	Washer, Pivot
34	805259	7	3/8 SAE flat Washer	74	603299	2	Roller, Anti-Scalp
35	800296	1	3/8-16 x 2.0 HHCS	75	603602	2	Bushing, roller
36	402053	1	Arm Wldmnt w/bushing	76	800807	2	3/8-16 x 4.0 HHCS Gr 8
37	303144	2	Bushing, Powdered Metal	77	402055	2	Baffle Wldmt - 52"
38	303352	2	Washer, spindle	78	800029	1	3/8-16 x 2.25 HH Tap Bolt
39	808505	2	E-Ring	79	403119	1	Idler Pulley "V"
40	303434	1	Engagement Bushing	80	513291	1	Bumper
41	303348	1	LH Thd. Eye Bolt				

* Requires Installation of Mulching Kit for proper Mulching.

Oil Drain Plmbg.

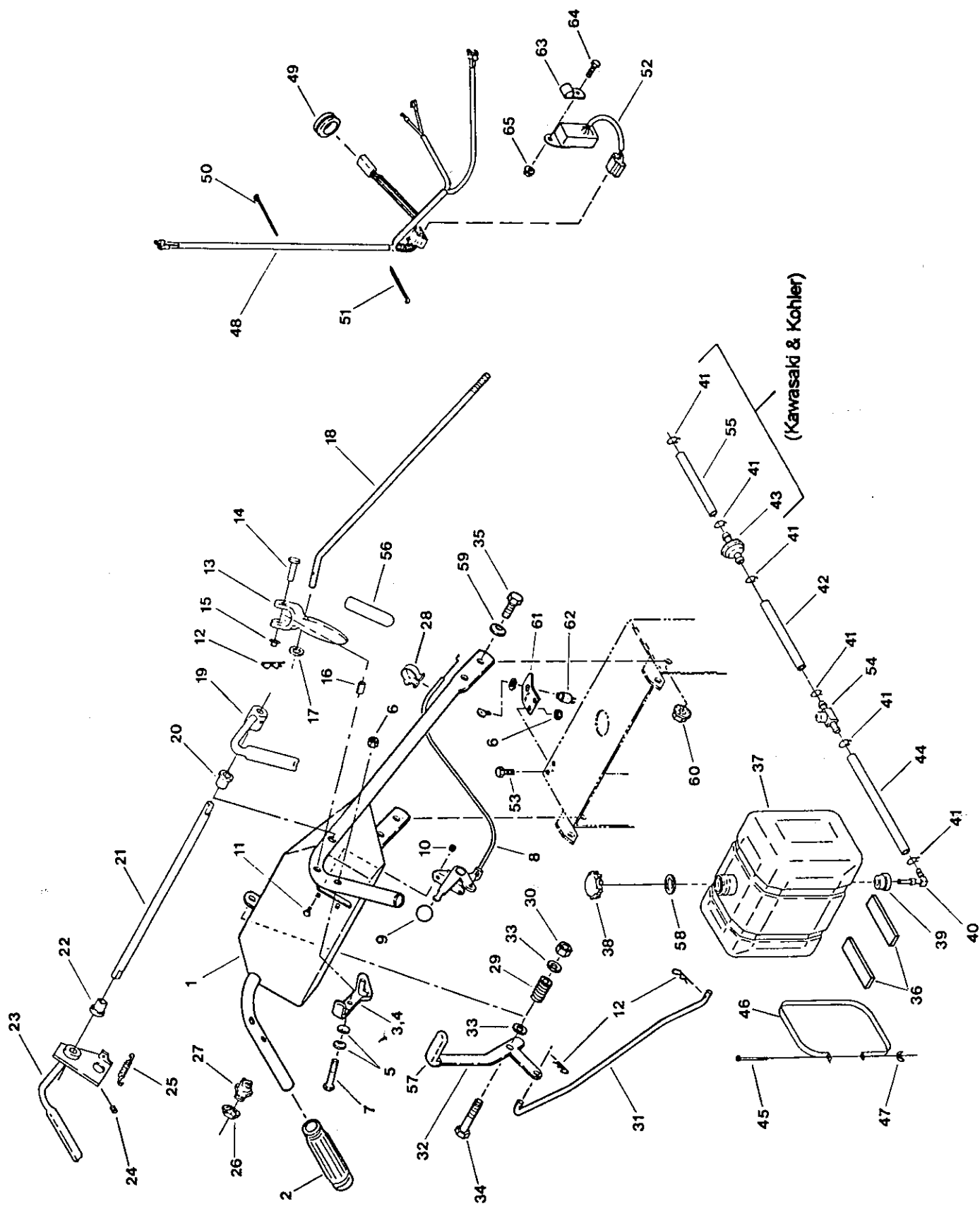


ENGINE DECK GROUP

KEY	PART#	QTY	DESCRIPTION	KEY	PART#	QTY	DESCRIPTION
1	322115	1	Rear Deck Weldment	53	323235	2	1/4 Spring Disc Washer
2	323273	1	Transmission	54	807009	3	3/16 x 3/4 Woodruff Key
3	323275	2	Transmission Shaft Coupling	55	303282	1	Neutral Start Switch
4	323274	2	Transmission Output Shaft	56	807511	1	3/8-16 x 2 Carriage Bolt - SSN
5	323252	2	Transmission Shaft Bearing	57	805262	1	7/16 Std Flatwasher
6	323254	2	Transmission Shaft Bearing Flange	58	323285	1	Idler Pulley - Transmission Drive
7	324146	2	Drive Wheel Assy - Complete Includes Items # 10 thru 15	59	805259	1	3/8 SAE Flatwasher
8	323257	2	Wheel Drive Sheave - 3-1/4"	60	804257	1	3/8-16 Nylock Nut
9	323288	2	Belt - Wheel Drive	61	800251	4	1/4-20 x 5/8 HH Capscrew
10	323276	2	Wheel & Tire Assy - 13 x 6.50-6 Includes Items # 66 & 85	62	804255	4	1/4-20 Nyloc Nut
11	323253	4	Wheel Drive Sheave - 8"	63	603403	1	1/2 x 1 Shoulder Bolt
12	323261	2	Brake Drum	64	808509	2	Ext Retaining Ring for 5/8 Shaft
13	323260	8	Spacer - Wheel Sheave	65	513051	1	Blade Engagement Switch
14	800275	8	5/16-18 x 1-1/2 HH Capscrew	66	303125	2	Tire, 13 x 6.5-6 (4 Ply)
15	805005	12	5/16 Heavy Spring Lockwasher	67	800271	4	5/16-18 x 3/4 HH Capscrew
16	322117	1	Axle Weldment	68	803028	2	#10-24 x 5/8 Pan Hd Cross Recess Machine Screw
17	323262	2	Brake Band	69	804252	2	#10-24 Nyloc Nut
18	322113	2	Brake Arm Weldment	70	323324	1	Shift Lever
19	322123	2	Scraper Weldment	71	323250	1	Foam Grip
20	323256	1	Transmission Drive Sheave - 2-3/4"	72	800292	4	3/8-16 x 1 HH Capscrew
	840023		Pro-Lock Retaining 1 (.5cc tube) - Use on Pulley Bore	73	303327	4	3/8 Disc Spring Washer
21	807264	1	1/4 Sq x 2-5/8 Machine Key	74	811006	6	1/4-28 Straight Zerk
22	323280	1	Transmission Belt	75	322110	2	Belt Guide Weldment - HD (36")
23	322125	2	Swivel Weldment - Brake Linkage		322110	3	Belt Guide Wldmnt - HD (48" & 52")
24	322119	1	Idler Arm Weldment - LH	76	323228	2	Belt Guide Spacer (36")
25	322121	1	Idler Arm Weldment - RH		323228	3	Belt Guide Spacer (48" & 52")
26	323277	2	Wheel Drive Idler	77	303334	4	5/16 Disc Spring Washer
27	800032	2	3/8-16 x 3 HH Tap Bolt	78	809065	2	M8-1.25 x 75mm HHCS (36" Kawasaki & Kohler)
28	809007	15	3/8-16 Whizlock Nut		809065	3	M8-1.25 x 75 mm HHCS (48" & 52" Kawasaki & Kohler)
29	804257	4	3/8-16 Nyloc Nut		800283	3	5/16-18 x 3-1/2 HHCS (B/S Vanguard)
30	323287	2	Wheel Drive Shield	79	809018	2	M8-1.25 x 30 mm HHCS (36" Kawasaki & Kohler)
31	323283	4	Spacer		800275	1	5/16-18 x 1-1/2 HHCS (B/S Vanguard)
32	603402	2	Drive Spring	80	303498	1	Blade Drive Pulley 6-1/8" (36" & 52")
33	323296	2	Brake Rod		403087	1	Blade Drive Pulley 6-3/4" (48") (Use Anti-seize compound on Pulley Bore)
34	513959	2	5/6-18 Nyloc Wingnut				
35	322127	1	Shifter Plate Weldment	**81	803293	2	1/4-20 x 3/8 Cuppoint Setscrews
36	808519	2	E-Ring - 1" Shaft	**82	803022	1	5/16-18 x 5/8 Sq HD Cuppoint Setscrew
37	808501	2	E-Ring - 1/2" Shaft	**83	803046	1	5/16-18 x 1 Sq HD Cuppoint setscrew
38	800274	2	5/16-18 x 1-1/4 HH Capscrew	**84	803310	3	5/16-18 x 3/8 Cuppoint Setscrew
39	804256	2	5/16-18 Nyloc Nut	85	323328	2	Wheel & Hub w/Bearings
40	809001	4	5/16-18 Whizlock Nut (Kaw & Kohler)	86	323329	4	Bearing, Flanged
	809001	8	5/16-18 Whizlock Nut (B/S Vanguard)	87	301023	1	Sulky Hitch Kit, Metro
41	809013	4	5/16-18 x 3/4 Tapping Screw		323318	2	Hitch Bracket
42	303168	2	Swivel - Short Adjust		809007	4	3/8-16 Whizlock Nut
43	800306	4	3/8-16 x 5 HH Capscrew		800292	4	3/8-16 x 1.0 HH Capscrew
44	523157	6	Spacer Washer, 14 GA.	*88	303431	1	Brass St. Ell - 3/8 NPT
	543436	A/R	Spacer - Wheel, 18 GA.	89	543233	1	Hex Cap - 3/8 NPT
45	323307	2	3/8 Clevis Pin	*90	403124	1	Galvanized St. Ell - 3/8 NPT
46	803051	2	3/8 Pushnut	*91	543232	1	Nipple - 3/8 NPT x 4.0, Galvanized
47	808522	4	Klipring for 3/8 shaft	*92	323326	1	Nipple - 3/8 NPT x 3.0, Galvanized
48	806003	4	#2 Hairpin Cotter	93	323335	1	Shifter Lever Washer
49	303186	1	Bell Crank				
50	323278	1	Transmission Drive Sheave				
51	800502	1	1/4-28 x 3/4 HH Capscrew				
52	805256	1	1/4 Std Flatwasher				

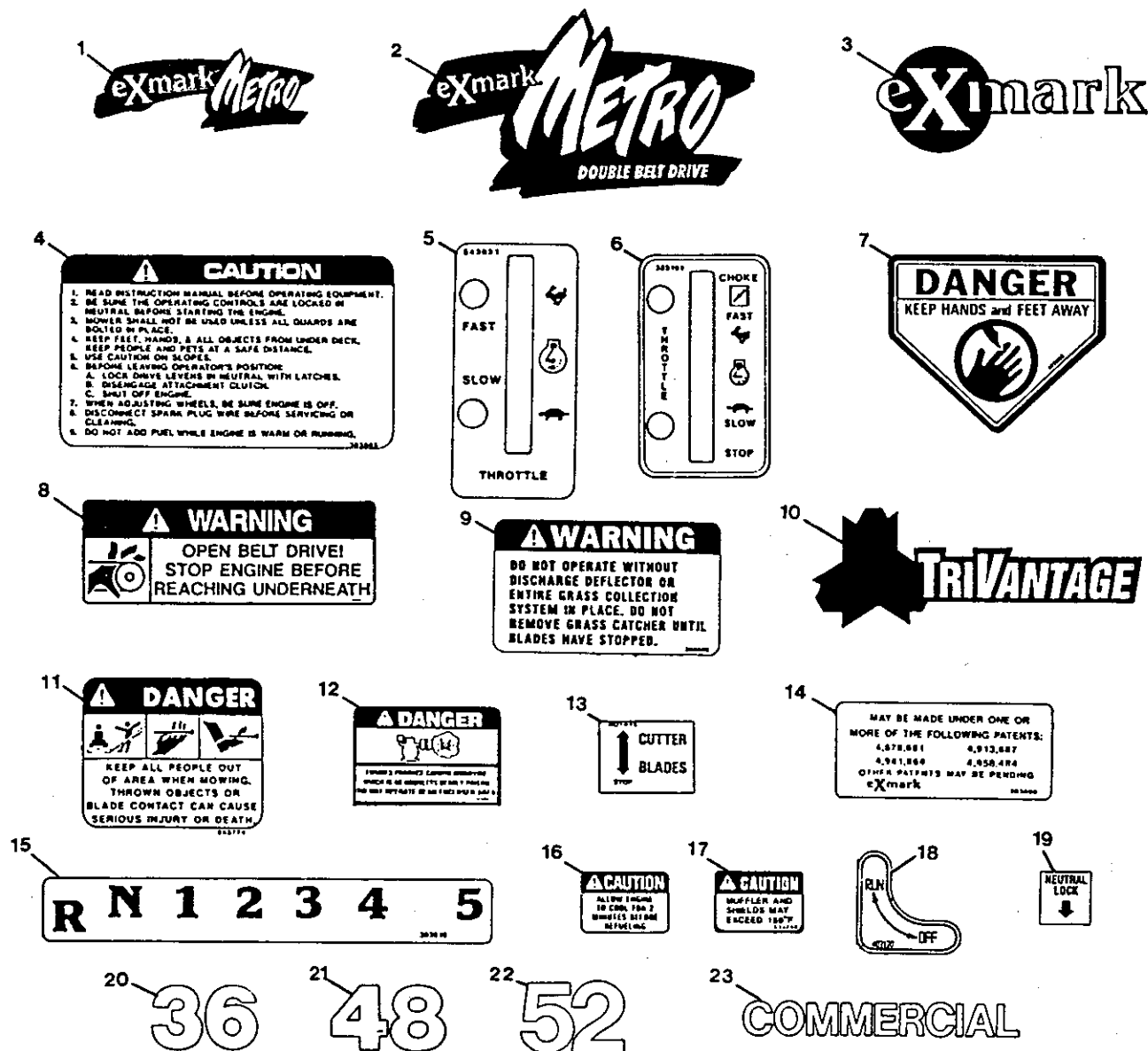
* Use Teflon Pipe Sealant or equivalent on threads

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



UPPER HANDLES & CONTROLS

1	322102	1	Handle Weldment - 5-Speed	33	805260	2	3/8 Std. Flatwasher
2	303097	2	Handle Grip	34	800296	1	3/8-16 x 2 HH Capscrew
3	302007	1	Right Latch w/ Grip	35	800292	4	3/8-16 x 1 HH Capscrew
	303019	1	Grip - Latch	36	303315	2	Gas Tank Pad
4	302005	1	Left Latch w/ Grip	37	543364	1	Tank - Gas
	303019	1	Grip - Latch	38	513508	1	Cap - Fuel Tank
5	303435	4	Washer - 1/4 Disc Spring	39	513645	1	Bushing - Fuel Tank
6	804255	4	1/4-20 Nyloc Nut (B & S Vanguard)	40	543277	1	Elbow - 90°
	804255	2	1/4-20 Nyloc Nut (Kawasaki & Kohler)	41	303077	6	Clamp - Gas Line (Kohler)
7	800257	2	1/4-20 x 1-3/4 HH Capscrew		303077	5	Clamp - Gas Line (Kawasaki)
8	323322	1	Cable - Throttle (Kawasaki & Kohler)		303077	4	Clamp - Gas Line (B/S Vanguard)
	543697	1	Cable - Throttle (B & S Vanguard)		303308	1	Clamp - gas Line (Kawasaki)
9	513592	1	Knob - Red Ball	42	603776	1	Fuel Line - 2.5" (Kawasaki & Kohler)
10	804252	2	#10-24 Nyloc Hex Nut		303471	1	Fuel Line - 12" (B/S Vanguard)
11	807513	2	#10-24 x 1/2 Carriage Bolt	43	303197	1	Gas Filter (Kohler & Kawasaki)
12	806003	4	Hairpin Cotter	44	603955	1	Fuel Line 6" (Kohler & Kawasaki)
13	302006	2	Drive Lever w/ Grip		543649	1	Fuel Line - 7" (B/S Vanguard)
14	808250	2	3/16 x 1-3/4 Clevis Pin	45	801062	2	Machine Screw .25-20 x 3
15	803001	2	3/16 Palnut	46	303465	2	Strap - 5 Gal. Fuel Tank
16	806340	2	5/16 x 1 Rollpin	47	543792	2	Wingnut - Nyloc 1/4
17	805258	2	5/16 Std. Flat washer	48	323308	1	Wiring Harness (Kawasaki)
18	323294	2	Wheel Drive Linkage		323309	1	Wiring Harness (Kohler)
19	302138	1	Lever Weldment - OPC RH		323310	1	Wiring Harness (B/S Vanguard)
	840023		Pro-Lock Retaining 1 (.5cc tube) - Use on inside bore of OPC hub (See Operator's Manual)	49	543296	1	Grommet
20	303365	1	Nylon Bushing	50	303335	2	Plastic Tie, 7-15/16
21	303364	1	Connecting Rod	51	303287	3	Plastic Tie, 5.5 x .044
22	303369	1	Bushing - Flanged	52	323145	1	Interlock - OPC (Kawasaki & B/S Vanguard)
23	602507	1	Lever Weldment - OPC LH		323146	1	Interlock - OPC (Kohler)
	840023		Pro-Lock Retaining 1 (.5cc tube) - Use on inside bore of OPC hub (See Operator's Manual)	53	800251	2	1/4-20 x 5/8 HH Cpscrew (B/S Van)
24	803322	2	5/16-24 x 5/16 Setscrew	54	603770	1	Fuel Valve
	840022		Pro-Lock, Nut type (.5 ml tube) Use on Setscrews	55	603954	1	Fuel Line - 13.75" (Kohler)
25	303363	1	Actuator Spring		303022	1	Fuel Line - 8.5" (12.5 HP Kawasaki)
26	803034	1	9/16-18 Palnut		303471	1	Fuel Line - 12" (14 HP Kawasaki)
27	303372	1	Operator Control Switch	56	303021	2	Drive Lever Grip
28	303088	1	Cable Clip	57	303020	1	Grip - Lever
29	303160	1	Compression Spring	58	523103	1	Gasket - Fuel Cap
30	804257	1	3/8-16 Nyloc Nut	59	303327	4	3/8 Disc Spring Washer
31	323298	1	Blade Drive Linkage	60	809007	4	3/8-16 Whizlock Nut
32	322104	1	Blade Engagement Lever	61	403118	1	Key Switch Bracket (B/S Vanguard)
				62	403121	1	Key Switch - Off/Run (B/S Vanguard)
				63	323229	1	Clip - 3/8 Loom
				64	800252	1	1/4-20 x 3/4 HH Capscrew
				65	809012	1	1/4-20 Whizlock Nut

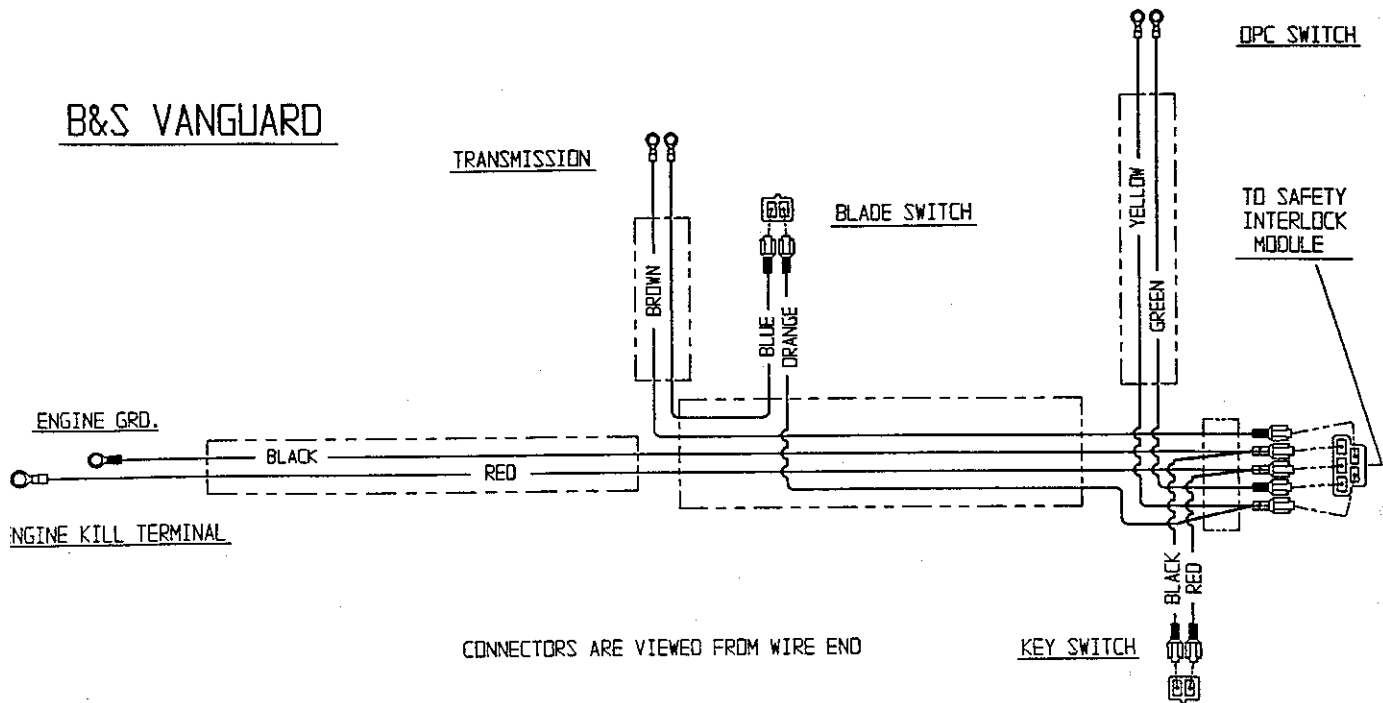


DECALS

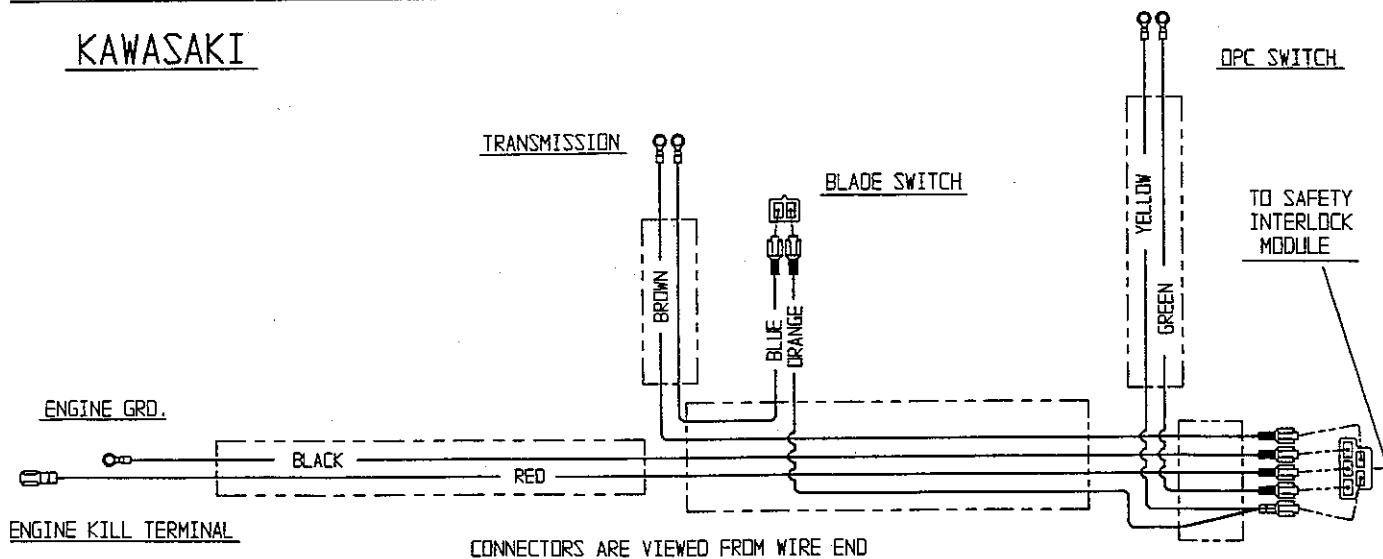
KEY	PART #	QTY	DESCRIPTION	KEY	PART #	QTY	DESCRIPTION
1	323312	1	Decal - Small Metro	13	303100	1	Cutter Blade Decal
2	323313	1	Decal - Large Metro	14	403080	1	Decal - Patent
3	303205	3	Small Exmark Label	15	303518	1	Decal - Shifter
4	303085	1	Instruction Label	16	303293	1	Decal - 2 Minute Cool
5	543631	1	Decal - Throttle (B/S Vanguard)	17	513746	1	Muffler Decal
6	323151	1	Decal - Throttle/Choke (Kaw & Kohler)	18	403120	1	Decal - Off/Run (B/S Vanguard)
7	403005	1	Danger Label	19	303102	2	Neutral Lock Label
8	303517	1	Decal - Belt Drive	20	303096	1	36" Label
9	303508	1	Decal - Discharge Warning	21	403020	1	48" Label
10	303520	1	Decal - Tri-Vantage	22	603622	1	Decal - 52"
11	543774	1	Decal - Danger	23	403034	1	Decal - Commercial
12	303481	1	Decal - Carbon Monoxide				

WIRING SCHEMATICS

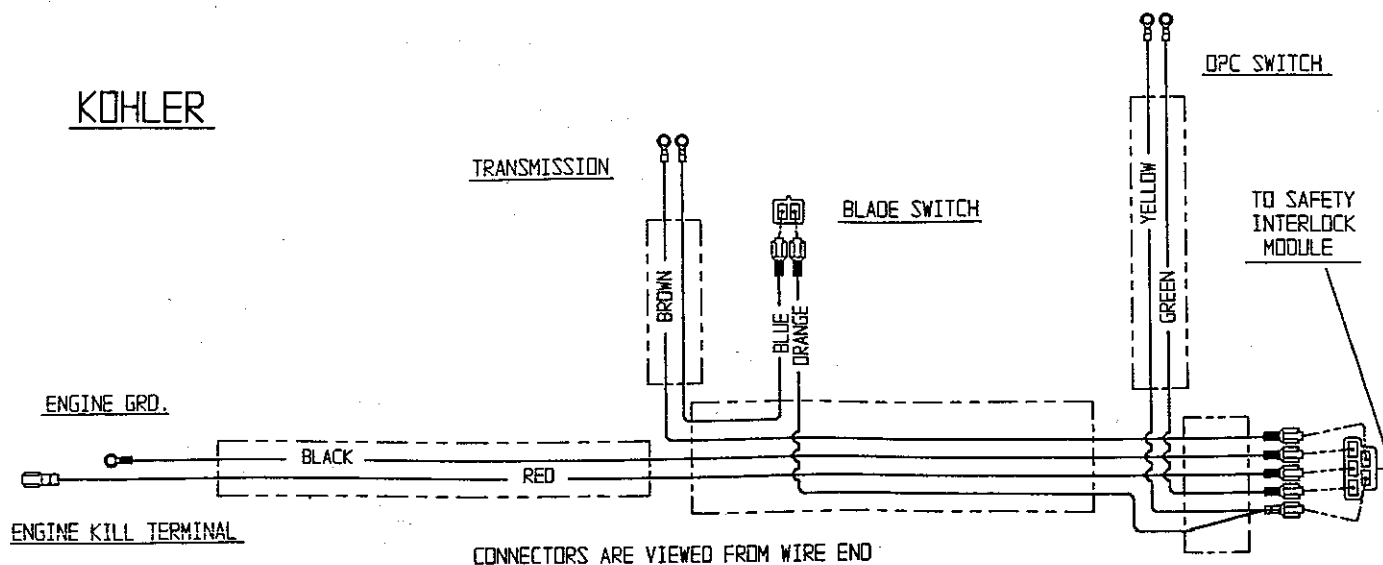
B&S VANGUARD



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