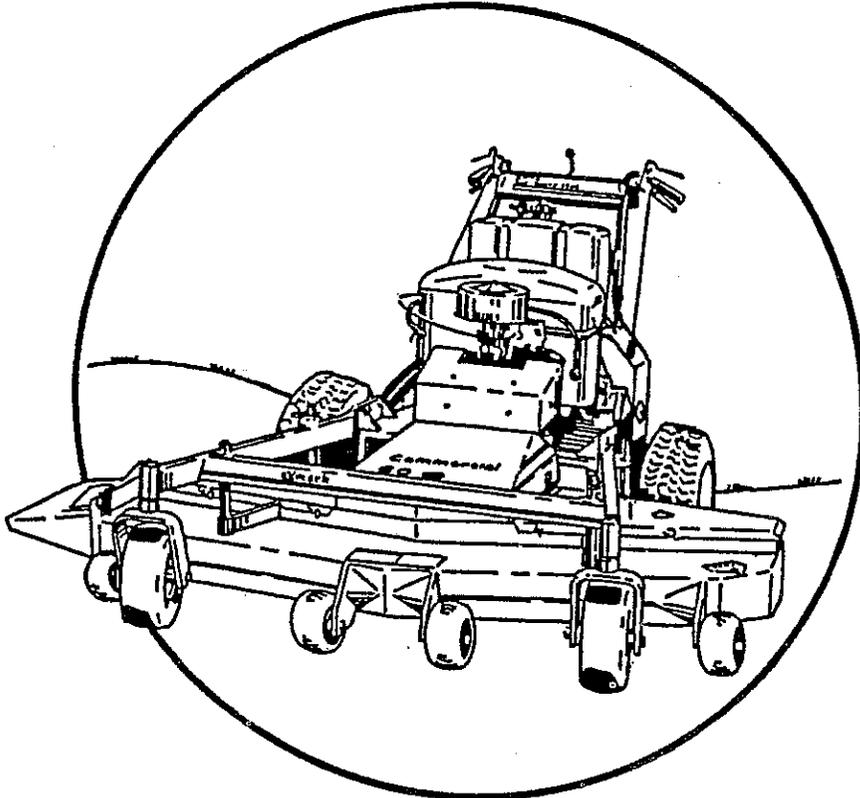




For Serial Nos.
84,000 & Higher

Turf Tracer 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 of the tractor unit is located on the top right hand side of the engine frame. The serial number plate for the deck is located on the front support pin gusset on the right hand side of the deck. We suggest you record numbers for ready reference.

Tractor Model No. _____

Tractor Unit Serial No. _____

Deck Model No. _____

Deck Serial No. _____

Date Purchased _____

Purchased From _____

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MODELS TTH-18KO, TTH-14K & TTH-20KO

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Safety Recommendations For All Exmark Mower Users -

Recommended practices from the International Safety Organizations Specifications for power lawn mowers.

Training

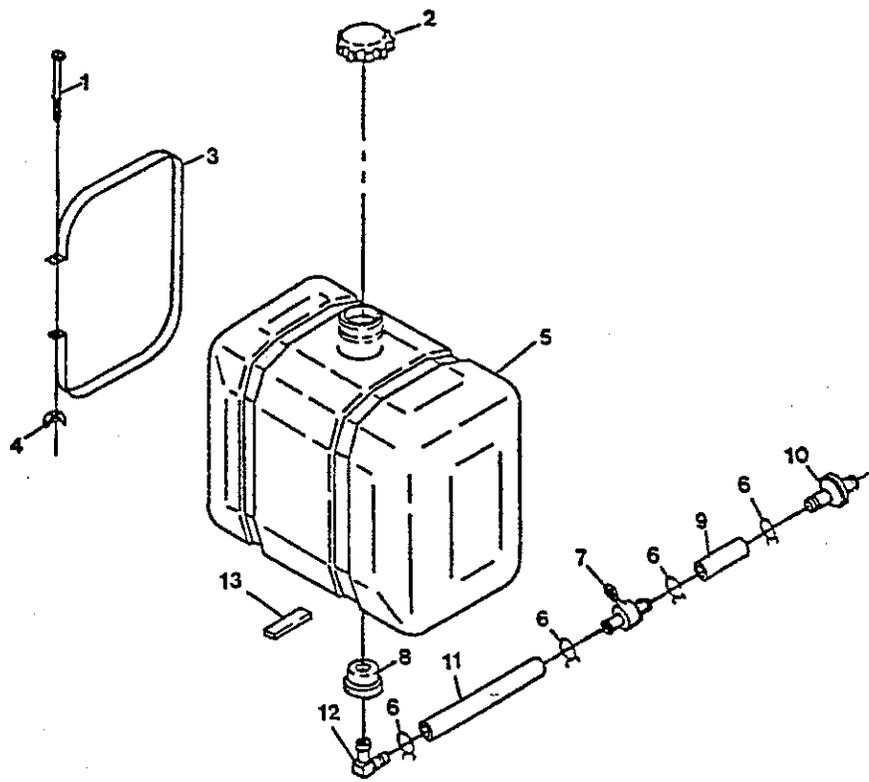
1. Regard the Exmark mower as a piece of power equipment and teach this regard to all who operate this unit.
2. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
3. Never allow children, young teenagers, or people unfamiliar with these instructions to 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. Always place the mower in the neutral lock position before starting the engine.
5. **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. 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. Always be sure of your footing on slopes. Walk, never run.
5. Mow across the face of 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 or pulling the mower towards you.
7. Stop the blade(s) if mower has to 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, for example, deflectors.
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. Disengage all blade and drive clutches before starting.
11. Start the engine or switch on the motor carefully with feet well away from the blade(s).
12. Do not put hands or feet near rotating parts while the mower is being operated.
13. Never pick up or carry a mower while the engine is running.
14. Stop the engine and disconnect the spark plug wire:
 - 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).



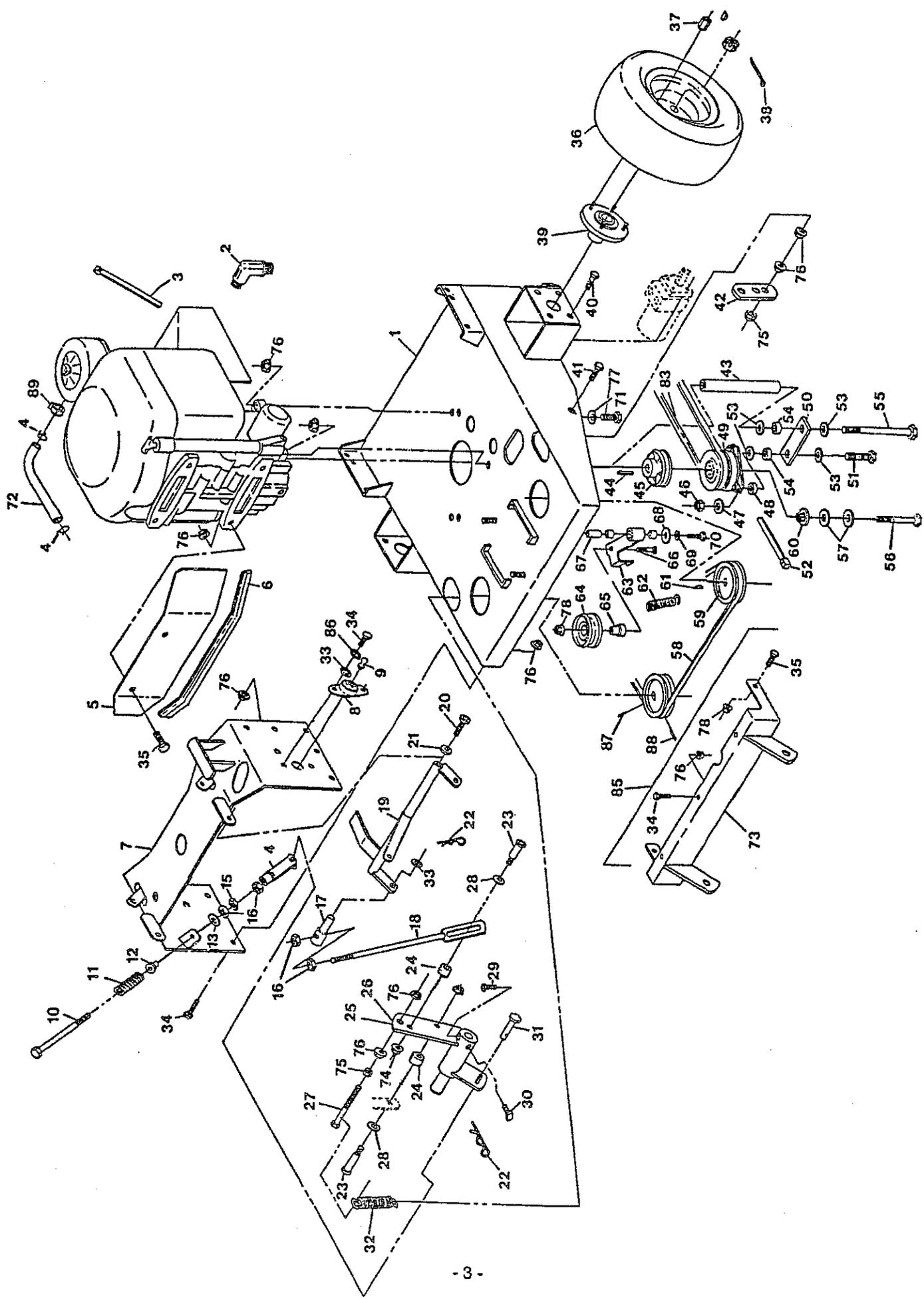
FUEL GROUP & FENDERS

KEY PART # QTY. DESCRIPTION

1.....801062.....	2.....Machine Screw .25-20 x 3
2.....513508.....	1.....Gas Cap
3.....303465.....	2.....Strap - 5 Gal. Fuel
4.....543792.....	2.....Wingnut - 1/4 Nyloc
5.....543364.....	1.....Gas Tank
6.....303077.....	4.....Clamp - Fuel Line
7.....603770.....	1.....Valve - Fuel

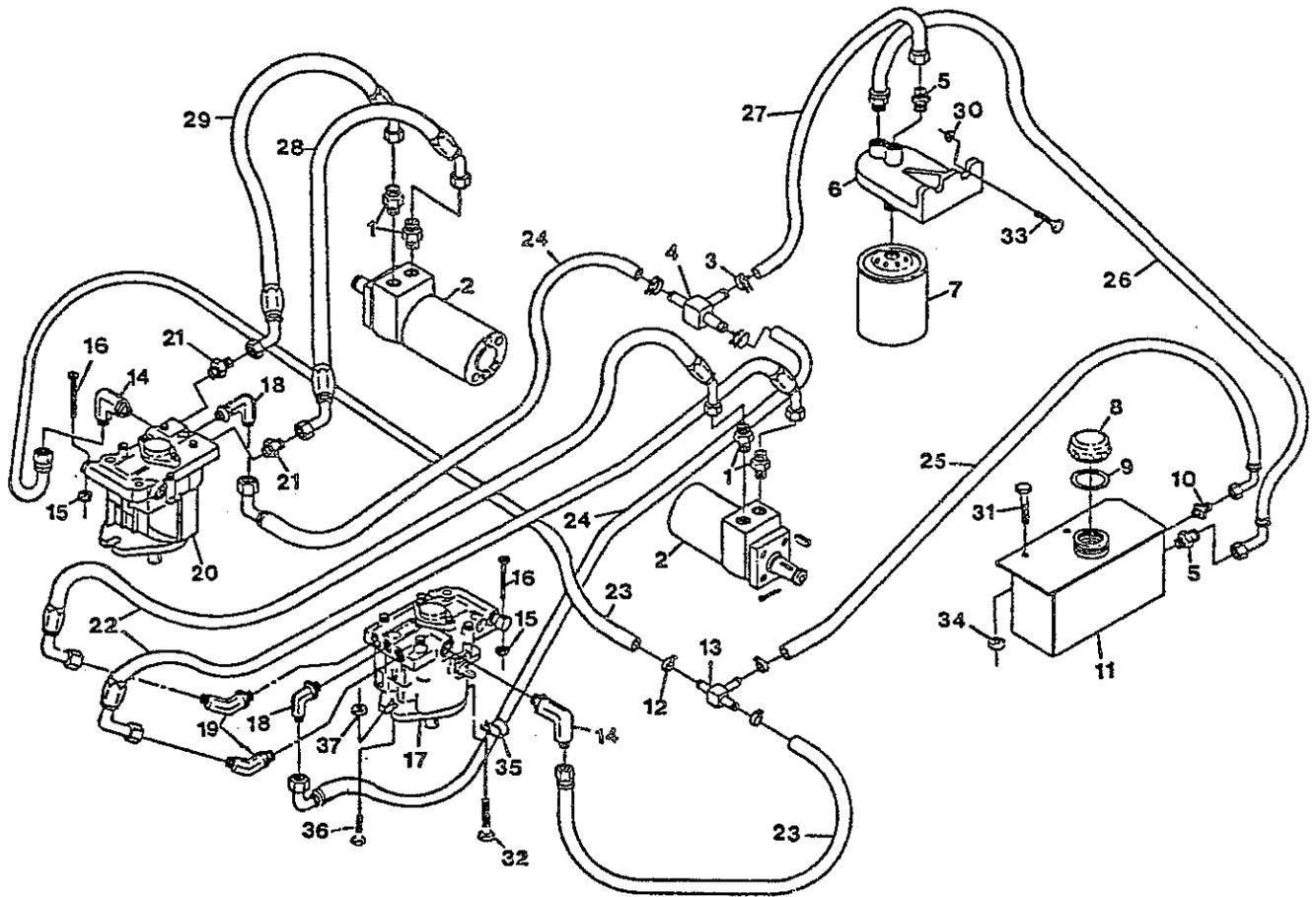
KEY PART # QTY. DESCRIPTION

8.....513645.....	1.....Bushing - Fuel
9.....603776.....	1.....Hose - Gas Line
10.....303197.....	1.....Fuel Filter
11.....543649.....	1.....Hose - Gas Line (18 HP)
	603955..... 1.....Hose - Gas Line (14 HP)
	303022..... 1.....Hose - Gas Line (20 HP)
12.....543277.....	1.....Elbow - Fuel Tank



ENGINE DECK GROUP

KEY	PART #	QTY.	DESCRIPTION	KEY	PART #	QTY.	DESCRIPTION
1	602944	1	Engine Deck Weldment, 18 & 20 HP	66	807517	1	3/8-16 x 1-3/4 HHCS
2	602951	1	Engine Deck Weldment, 14 HP	67	603044	1	Bushing - Idler Pivot
3	303431	1	Elbow - 90° Street Brass (Kohler)	68	373034	1	Washer Pivot
4	303287	1	Plastic Tie	69	805006	1	3/8 Hvy Spring Lockwasher
5	303077	1	Clamp - Gas Line (Kawasaki)	70	800298	1	3/8-16 x 2-1/2 HHCS
6	303613	1	Clamp - Gas Line (Kohler)	71	303334	4	5/16 Disc Spring Washer (Kaw. Only)
7	603615	1	Heat Shield (Kohler Only)	72	603954	1	Hose - Gas Line (14 HP)
8	603615	1	Seal Trim (Kohler Only)	73	303471	1	Hose - Gas Line (20 HP)
9	602744	1	Support Weldment - Tank/Handle	74	303426	1	Hose - Gas Line (20 HP)
10	543514	2	Side Flange Mounting	75	602438	1	Hitch Weldment
11	811006	2	Grease Fitting 1/4-28 Straight	76	809012	4	1/4-20 Whizlock Nut
12	603737	2	Bolt - Neutral Return	77	804256	4	5/16-18 Nyloc Nut
13	603807	2	Spring - Neutral Return	78	809001	24	5/16-18 Whizlock Nut
14	603735	2	Bearing - Nylon Flanged	79	800275	3	5/16-18 x 1-1/2 HHCS (Kohler Only)
15	805256	2	1/4 Standard Flatwasher	80	809018	3	M8 x 1.25 x 30 mm HHCS (Kawasaki Only)
16	303105	2	Yoke - Adjustable	81	809007	5	3/8-16 Whizlock Nut
17	804758	2	5/16-24 Jam Nut	82	809007	1	Engine - 14 HP Kawasaki
18	602676	2	Swivel	83	809007	1	Engine - 18 HP Kohler
19	602742	2	Rod - Control Arm	84	809007	1	Engine - 20 HP Kohler
20	602695	1	Crank Weldment	85	809007	1	Air Filter - Kohler #45-083-02
21	809056	2	.375 x .375 HSHSS	86	809007	1	Air Filter - Kohler #45-083-02
22	809057	2	3/8 SAE Washer	87	809007	1	Air Filter - Kohler #45-083-02
23	806003	4	Hairpin Cotter	88	809007	1	Air Filter - Kohler #45-083-02
24	809057	4	312 x .750 HSHSS	89	809007	1	Air Filter - Kohler #45-083-02
25	603903	4	Spacer				
26	602671	1	Arm Weldment - Control RH				
27	602673	1	Arm Weldment - Control LH				
28	800274	2	5/16-18 x 1-1/4 HHCS				
29	805257	4	Washer - 5/16 SAE				
30	809058	2	#10-24 x 3/4 Hex Sckt Hd Cpscrw				
31	803022	2	5/16-18 x 5/8 Sq Hd Cuppoint Setscrew				
32	808280	2	Clevis Pin				
33	603693	2	Spring - Extension				
34	805257	10	5/16 SAE Washer				
35	800271	12	5/16-18 x 3/4 HHCS				
	800292	4	3/8-16 x 1 HHCS				
	603714	2	Tire and Wheel Assembly				
	603427	1	Tire Only				
	603715	1	Rim Only				
	513011	8	Wheel Nut				
	606800	2	Cotter Pin				
	603967	2	Hub 4 Bolt Taper				
	803045	8	3/8-18 x 3/4 Whizlock Bolt				
	800016	2	5/16-18 x 1-1/4 Hx Tap Bolt				
	603801	2	Anchor - Spring				
	603469	1	Standoff - Clutch				
	807270	1	1/4 x 1/4 x 3/4 Machine Key				
	807010	1	3/4 x 1/4 #91 Woodruff Key				
	603589	1	Sheave - 4.25 O.D.				
	603970	1	Sheave - 4.25 O.D. (20 HP Kohler)				
	804256	1	5/16-18 Hex Nyloc Nut				
	805258	1	5/16 Standard Flatwasher				
	323099	1	Neutral Return Spacer				
	603539	1	Clutch - Warner Electric				
	843004	1	Anchor - Electric Clutch				
	800275	1	5/16-18 x 1-1/2 HHCS				
	303336	2	Plastic Tie - Large				
	213069	4	Washer				
	543007	2	Spacer - Clutch Anchor				
	800282	1	5/16-18 x 7.0 HHCS (Kohler)				
	809049	1	M8 x 1.25 x 150 mm HHCS (kaw.)				
	800820	1	7/16-20 x 3 HHCS (Kohler)				
	809050	1	M10 x 1.5 x 70 mm HHCS (kaw.)				
	603610	2	Spring - 7/16 Disc				
	603809	1	Belt - Hydro Trans Drive				
	603778	2	Sheave - Pump				
	603609	1	Bushing - Clutch Keeper				
	807272	2	Machine Key 5 mm sq x 25 mm				
	603402	1	Spring - Extension				
	602521	1	Idler Arm Assy - Engine Deck				
	602458	1	With Bearings				
	603843	1	Arm Weldment - Idler				
	603496	1	Idler Pulley				
	603496	1	Idler Bushing				



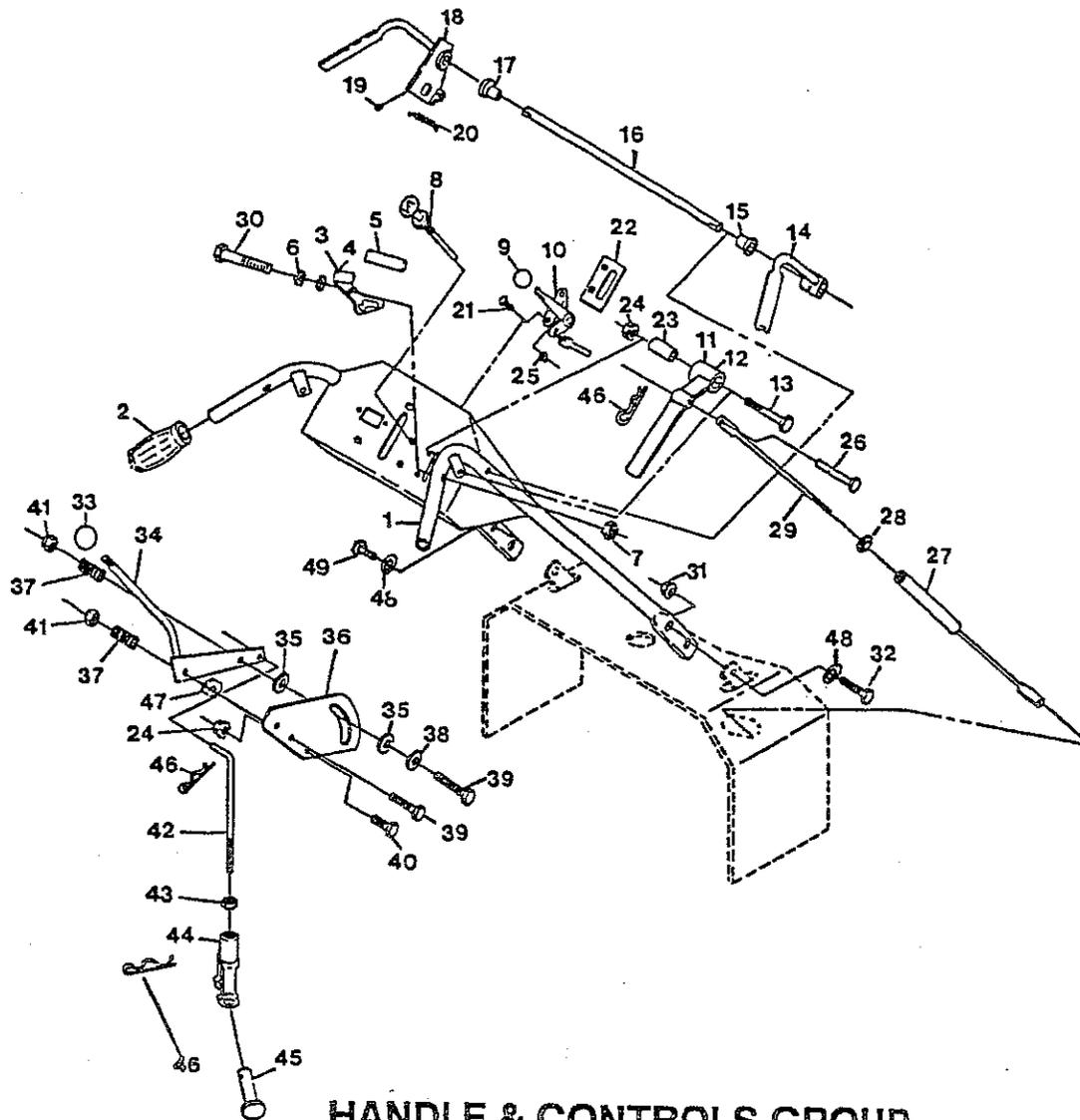
HYDRAULICS GROUP

KEY PART # QTY. DESCRIPTION

1.....	603779.....	4.....	Fitting
	603919.....	1.....	Boss O-Ring
	603922.....	1.....	Face O-Ring
2.....	603718.....	2.....	Motor - Wheel
3.....	603827.....	3.....	Hose Clamp
4.....	603721.....	1.....	Fitting - 3/8 Hose Tee
5.....	513510.....	2.....	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.....	513583.....	1.....	Connector - Male
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 Head Slotted Machine Screw
17.....	603841.....	1.....	Pump - Hydro RH
18.....	513197.....	2.....	Elbow - .563-18 IC x .438 O-Ring
	603923.....	1.....	O-Ring

KEY PART # QTY. DESCRIPTION

19.....	513838.....	2.....	Elbow - 45°
	603922.....	1.....	Face O-Ring
	603920.....	1.....	Boss O-Ring
20.....	603840.....	1.....	Pump - Hydro LH
21.....	603758.....	2.....	Adapter - Straight Thread
	603920.....	1.....	O-Ring
	603922.....	1.....	O-Ring
22.....	603723.....	2.....	Hose RH ABPP/FRMP
23.....	802750.....	2.....	Hose Assembly - Case Drain
24.....	602752.....	2.....	Hose Assembly - Charge Pump
25.....	602756.....	1.....	Hose Assembly - Tank Return
26.....	512832.....	1.....	Hose Assembly - Supply
27.....	602754.....	1.....	Hose Assembly - Charge Line
28.....	603726.....	1.....	Hose LH APP/RMP
29.....	603725.....	1.....	Hose LH BPP/FMP
30.....	809001.....	2.....	5/16-18 Whizlock Nut
31.....	800252.....	2.....	1/4-20 x 3/4 HHCS
32.....	800293.....	1.....	3/8-16 x 1-1/4 HHCS
33.....	800272.....	2.....	5/16-18 x 1.0 HHCS
34.....	809012.....	2.....	1/4-20 Whizlock Nut
35.....	603727.....	1.....	Clip - .56 Loom
36.....	800292.....	3.....	3/8-16 x 1 HHCS
37.....	809007.....	4.....	3/8-16 Whizlock Nut



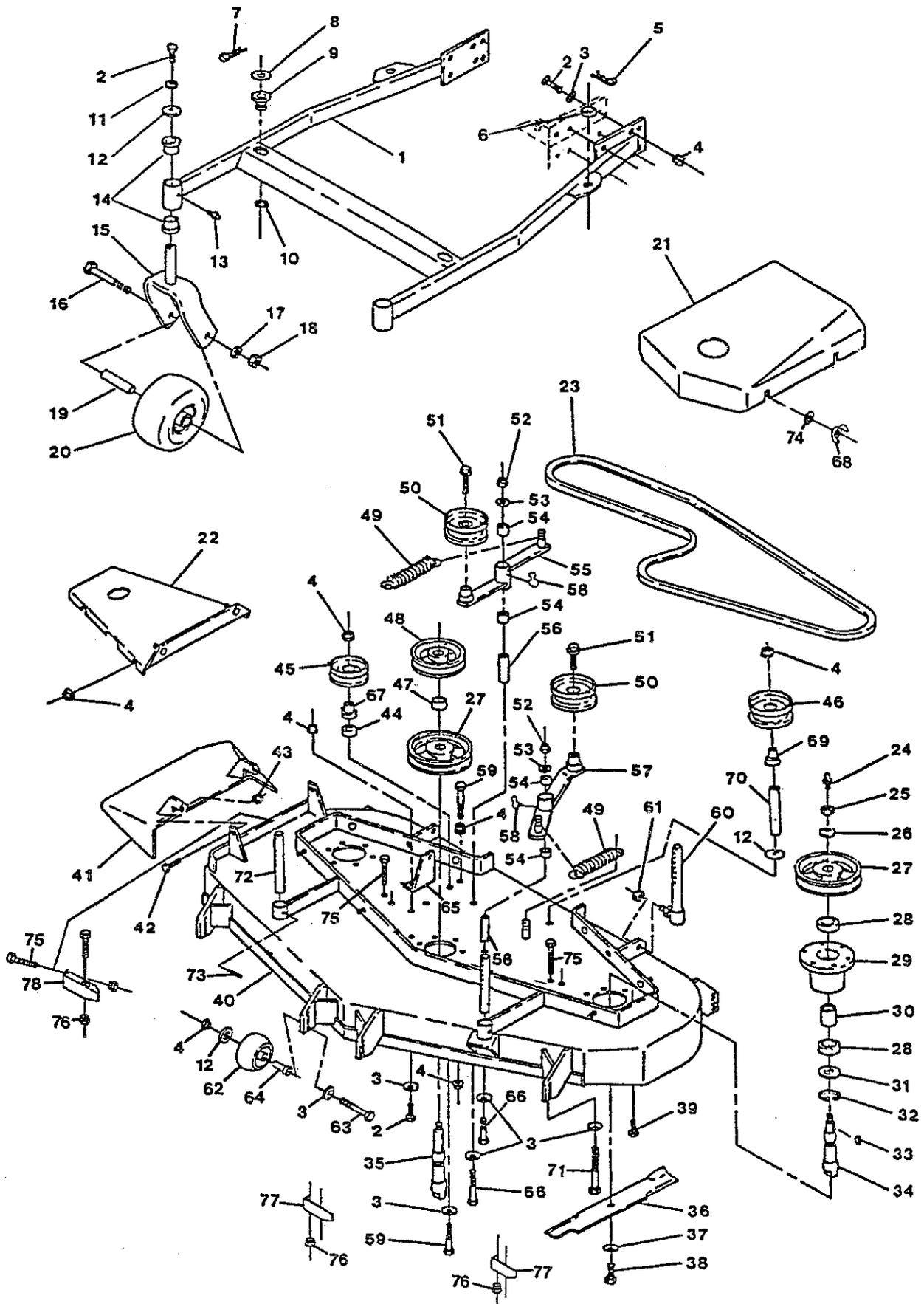
HANDLE & CONTROLS GROUP

KEY PART # QTY. DESCRIPTION

1.....	602740.....	1.....	Handle Weldment - Hydro
2.....	303097.....	2.....	Grip - Handle
3.....	603769.....	1.....	Latch - Hydro Drive Lever LH
4.....	603767.....	1.....	Latch - Hydro Drive Lever RH
5.....	303019.....	2.....	Grip - Vinyl Latch
6.....	303435.....	4.....	1/4 Disc Spring Washer
7.....	804255.....	2.....	1/4-20 Nyloc Nut
8.....	603336.....	1.....	Choke Control Push/Pull (Kohler Only)
9.....	513592.....	1.....	Knob - Red Ball
10.....	603199.....	1.....	Throttle Control (Kohler)
	323129.....	1.....	Throttle Control (Kawasaki)
11.....	602839.....	1.....	Drive Lever Weldment - RH
12.....	602837.....	1.....	Drive Lever Weldment - LH
13.....	800256.....	2.....	1/4-20 x 1-1/2 HHCS
14.....	302138.....	1.....	Lever Weldment - OPC RH
15.....	303365.....	1.....	Nylon Bushing
16.....	303364.....	1.....	Connecting Rod
17.....	303369.....	1.....	Bushing - Flanged
18.....	602507.....	1.....	Lever Weldment - OPC
19.....	803322.....	2.....	Setscrew
20.....	303363.....	1.....	Actuator Spring
21.....	807513.....	2.....	#10-24 x 1/2 RHSN
22.....	543974.....	1.....	Plate - Throttle (Kohler)
23.....	603749.....	2.....	Bushing - Drive Lever
24.....	809012.....	4.....	1/4-20 Whizlock Nut

KEY PART # QTY. DESCRIPTION

25.....	804252.....	2.....	#10-24 Nyloc Hex Nut
26.....	603792.....	2.....	Pin - Clevis
27.....	602692.....	2.....	Housing Weldment
28.....	804506.....	2.....	5/16-18 Reg Nut
29.....	603705.....	2.....	Rod - Brake Lever Assembly
30.....	800257.....	2.....	1/4-20 x 1-3/4 HHCS
31.....	809007.....	4.....	3/8-16 Whizloc Nut
32.....	800292.....	3.....	3/8-16 x 1 HHCS
33.....	603175.....	1.....	Knob - 1-3/8
34.....	602733.....	1.....	Lever Weldment - Shift
35.....	603701.....	2.....	Washer - Friction
36.....	603730.....	1.....	Plate - Shifter Lever
37.....	603325.....	2.....	Spring - Compression
38.....	603716.....	1.....	Washer - Friction
39.....	800277.....	2.....	5/16-18 x 2 HHCS
40.....	800252.....	2.....	1/4-20 x 3/4 HHCS
41.....	804256.....	2.....	5/16-18 Nyloc Nut
42.....	603700.....	1.....	Rod - Speed Control
43.....	804758.....	1.....	5/16 Jam Nut
44.....	303105.....	1.....	Yoke - Adjustable
45.....	808280.....	1.....	Clevis Pin
46.....	806003.....	3.....	Hairpin Cotter
47.....	805257.....	1.....	5/16 Flatwasher
48.....	303327.....	4.....	Spring Disk Washer
49.....	800293.....	1.....	3/8-16 x 1-1/4 HHCS

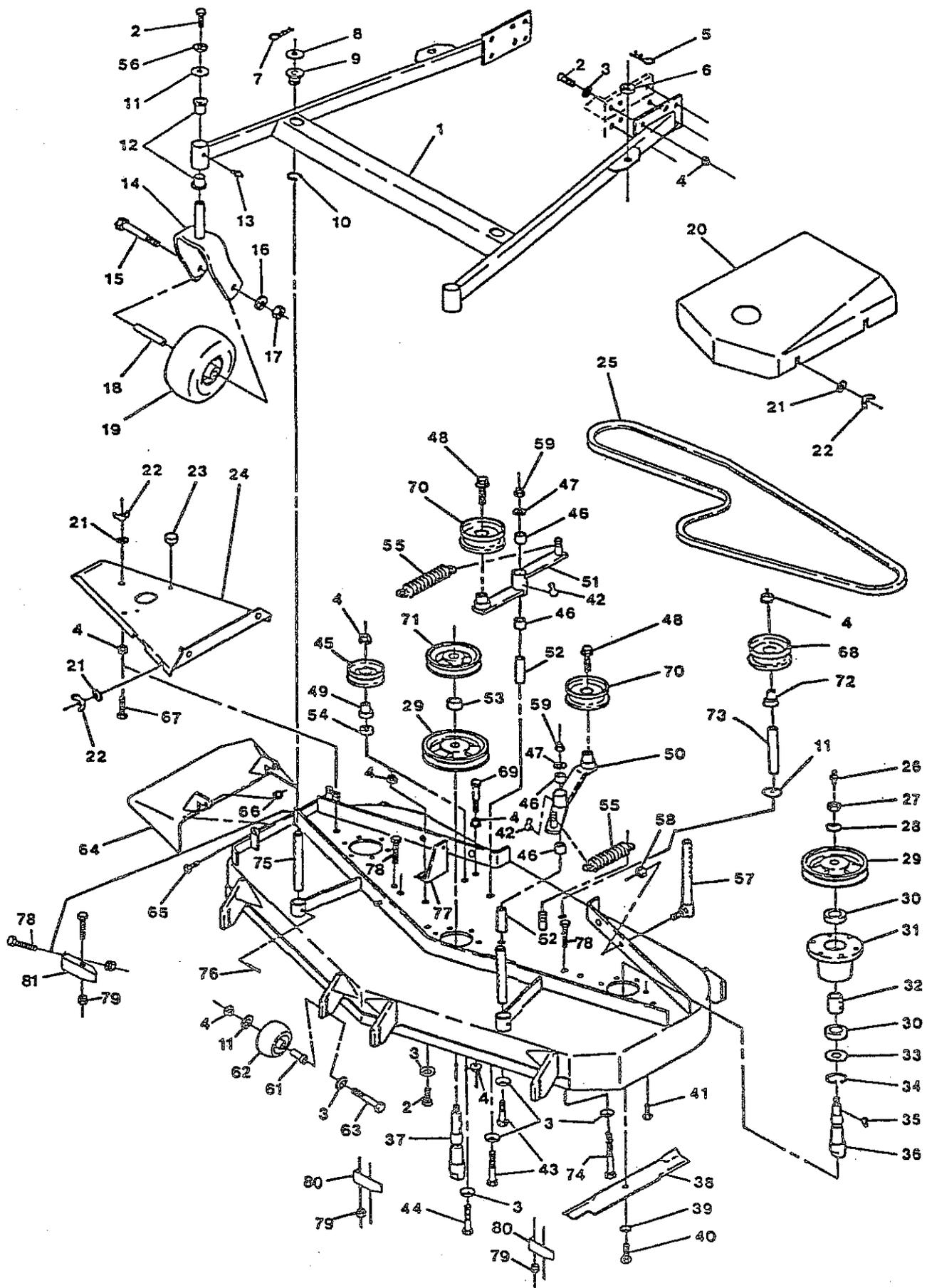


52" MOWER DECK

KEY	PART #	QTY.	DESCRIPTION
1.....	602939.....	1.....	Support Weldment - Deck
2.....	800292.....	12.....	3/8-16 x 1 HH Capscrew
3.....	303327.....	19.....	3/8 Disc Spring Washer
4.....	809007.....	28.....	Nut - 3/8-16 Whizlock
5.....	806006.....	2.....	5/8 Hairpin
6.....	303164.....	2.....	Spacer - Blade Driver
7.....	806007.....	2.....	7/8 Hairpin
8.....	513338.....	2.....	Washer
9.....	513336.....	2.....	Bushing - Deck Support
10.....	808507.....	2.....	Ring - Ext. Retaining
11.....	805006.....	2.....	3/8 Hvy. Spring Lockwasher
12.....	373034.....	9.....	Washer - Pivot
13.....	811001.....	2.....	1/8 NPT Straight Zerk
14.....	303514.....	4.....	Flange Thrust Bearing
15.....	522143.....	2.....	Weild Assy - Caster Fork
16.....	800334.....	2.....	1/2-13 x 6 HH Capscrew
17.....	805008.....	2.....	1/2 Reg Spring Lockwasher
18.....	804509.....	2.....	1/2-13 Reg Hex Nut
19.....	513547.....	2.....	Spacer - Front Caster
20.....	513648.....	2.....	Wheel & Tire Assy - 9 x 3.50-4
	513807.....	2.....	Wheel
	513808.....	2.....	Tire 9 x 3.50-4
	513809.....	2.....	Bearing
	513810.....	4.....	Bushing
21.....	603942.....	1.....	Cover - Deck Drive Belt
22.....	602545.....	2.....	Cover - Deck Weldment
23.....	603576.....	1.....	Belt - Blade Drive
24.....	811006.....	3.....	Zerk - 1/4-28 Straight
25.....	804510.....	3.....	5/8-18 UNF Hex Nut
26.....	513208.....	3.....	Spring - Disc
27.....	513207.....	3.....	Sheave - Blade Drive
28.....	303057.....	6.....	Bearing - Ball 305K
29.....	513186.....	3.....	Housing - Bearing
30.....	513188.....	3.....	Spacer - Bearing
31.....	513193.....	3.....	Seal - Mech. Dust
32.....	808506.....	3.....	Snap Ring - 2.59 x 08 TK
33.....	807006.....	4.....	#61 Woodruff Key
34.....	603031.....	2.....	Spindle - Outer Blade
	604262.....	1.....	Drive Assy - Outer Blade
35.....	603022.....	1.....	Spindle - Center Blade
	604621.....	1.....	Drive Assy - Center Blade
36.....	603637.....	3.....	Blade - 18.0 Diameter
	603844.....	3.....	Blade - Low Lift
	603873.....	3.....	Blade - Mulching

KEY	PART #	QTY.	DESCRIPTION
37.....	513435.....	3.....	1/2 Disc Spring Washer
38.....	800531.....	3.....	1/2-20 x 1 HH Capscrew RH
39.....	809035.....	18.....	3/8-16 x 1.0 TT Tex Washer Hd Bolt
40.....	602928.....	1.....	Deck Weldment - 52" SD
41.....	602571.....	1.....	Chute Weldment - Discharge
42.....	800273.....	2.....	5/16-18 x 1 HH Capscrew
43.....	804256.....	2.....	5/16-18 Nyloc Hex Nut
44.....	603050.....	1.....	Bushing - Spacer
45.....	513787.....	1.....	Pulley - V Idler
46.....	603805.....	1.....	Idler
47.....	603504.....	1.....	Spacer - Tube
48.....	603581.....	1.....	Sheave - Mower Drive
49.....	603413.....	2.....	Spring - Extension
50.....	603497.....	2.....	Idler Pulley
51.....	803016.....	2.....	3/8-16 x 1 Whizlock Bolt G5
52.....	804257.....	2.....	3/8-16 Hex Nyloc Nut Flated
53.....	805260.....	2.....	3/8 Std. Flatwasher
54.....	513034.....	4.....	Bearing - Pivot
55.....	602504.....	1.....	Idler Arm Assy w/Bearings
	602591.....	1.....	Arm Weldment - Deck Idler
56.....	603384.....	2.....	Bushing - Idler Pivot
57.....	602865.....	1.....	Idler Arm Assy Deck Drive w/Bearings
	602867.....	1.....	Arm Weldment Deck Drive Idler
58.....	811008.....	2.....	Zerk - 1/4-28 x 90°
59.....	800297.....	2.....	3/8-16 x 2-1/4 Hx Hd Cpscrew G5
60.....	603540.....	2.....	Link - Rear Deck Support
61.....	803031.....	2.....	3/8-24 Torque Nut
62.....	603299.....	6.....	Roller - Anti Scalp
63.....	800807.....	6.....	3/8-16 x 4.00 HHCS Gr. 8
64.....	603602.....	6.....	Bushing - Roller
65.....	603620.....	1.....	Bracket - Spring Anchor
66.....	800805.....	2.....	38-16 x 3.5 Gr. 8 HH Cpscrew
67.....	603496.....	1.....	Bushing - Idler
68.....	543678.....	4.....	Wingnut - Nylon Insert
69.....	513791.....	1.....	Bushing
70.....	603494.....	1.....	Spacer
71.....	800302.....	1.....	3/8-16 x 4 HHCS
72.....	603001.....	2.....	Rod - Deck Support
73.....	806332.....	2.....	Rollpin 1/4 x 1-1/2
74.....	805259.....	4.....	Washer - Flat
75.....	800270.....	17.....	5/16-18 x 5/8 HHCS
76.....	809001.....	17.....	5/16-18 Whizlock Nut
77.....	602911.....	2.....	Baffle Weldment
78.....	602913.....	1.....	Baffle Weldment

* Requires installation of Micro-Mulch assembly for proper mulching.



60" MOWER DECK

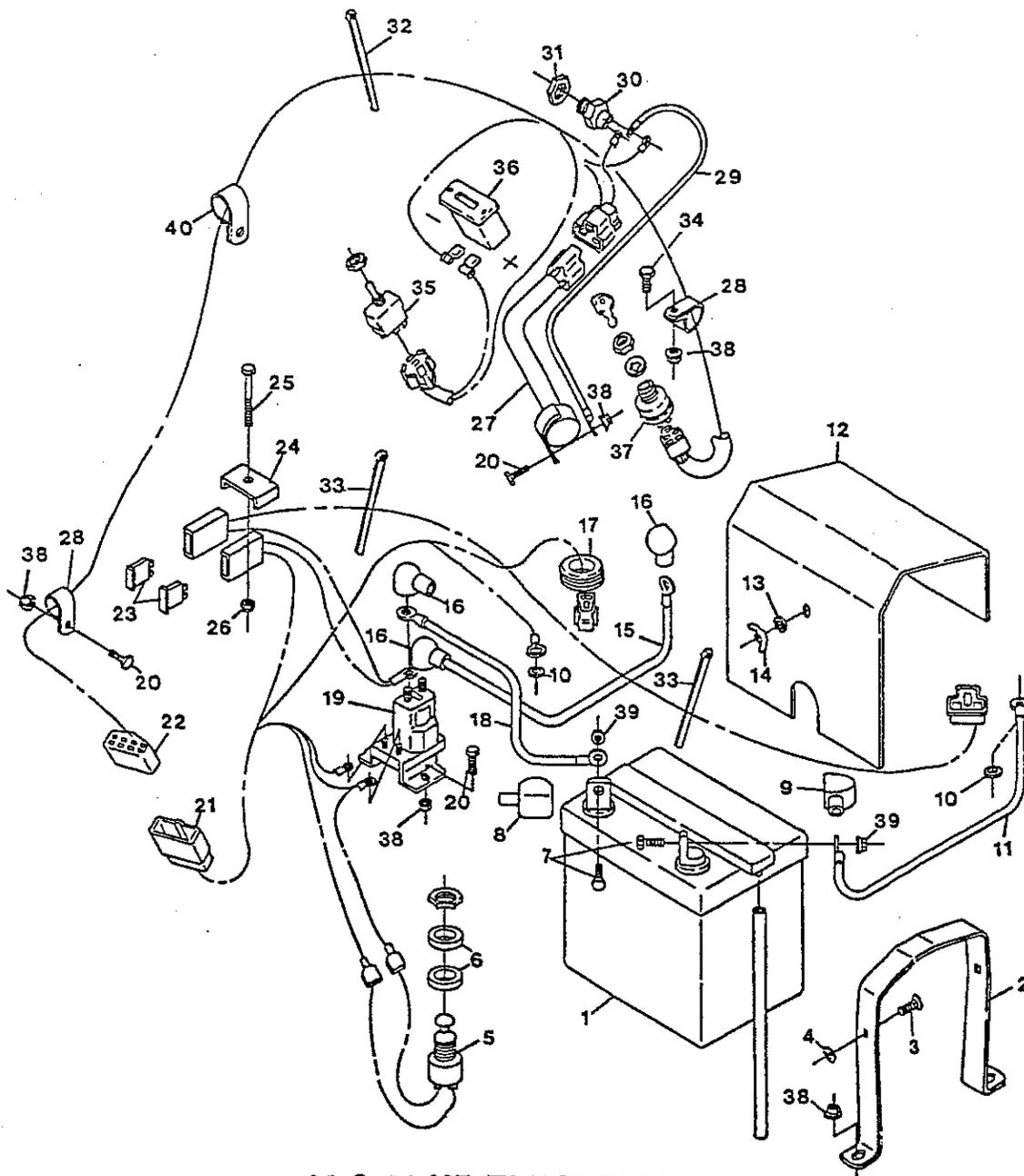
KEY PART # QTY. DESCRIPTION

1.....	602593.....	1.....	Support Widmt, Dk. Pltd.
2.....	800292.....	12.....	3/8-16 x 1 HH Capscrew
3.....	303327.....	20.....	3/8 Disc Spring Washer
4.....	809007.....	22.....	3/8-16 Flange Hex Nut
5.....	806006.....	2.....	5/8" Hairpin
6.....	303164.....	2.....	Blade Driver Spacer
7.....	806007.....	2.....	7/8" Hairpin
8.....	513338.....	2.....	Washer
9.....	513336.....	2.....	Bshing, Deck Support
10.....	808507.....	2.....	Ring, Ext. Retaining
11.....	373034.....	9.....	Washer, Pivot
12.....	303514.....	4.....	Flange Thrust Bearing
13.....	811001.....	2.....	1/8 NPT Straight Zerk
14.....	522143.....	2.....	Weld Assy - Caster Front
15.....	800334.....	2.....	Screw - 1/2-13 x 6 HHC-5
16.....	805008.....	2.....	1/2 Reg Spring Lockwasher
17.....	804509.....	2.....	1/2-13 Reg Hex Nut
18.....	513547.....	2.....	Spacer, Front Caster
19.....	513648.....	2.....	9 x 3.50-4 W & T Assy.
	513807.....	2.....	Wheel
	513808.....	2.....	Tire 9 x 3.50-4
	513809.....	2.....	Bearing
	513810.....	4.....	Bushing
20.....	543584.....	1.....	Cover, Deck Drive Belt
21.....	805259.....	10.....	Washer, Flat - 3/8
22.....	543678.....	10.....	Wingnut - Nylon Insert
23.....	513291.....	2.....	Bumper, Seat
24.....	542588.....	2.....	Cover, Decfk Widmt. - Pltd.
25.....	603045.....	1.....	Belt - Blade Drive
26.....	811006.....	3.....	Zerk, 1/4-28 Strt.
27.....	804510.....	3.....	5/8-18 UNF Hex Nut
28.....	513208.....	3.....	Spring, Disc
29.....	513207.....	3.....	Sheave, Blade Drive
30.....	303057.....	6.....	Bearing, Ball 305K
31.....	513186.....	3.....	Housing, Bearing
32.....	513188.....	3.....	Spacer, Bearing
33.....	513193.....	3.....	Seal, Mech. Dust
34.....	808506.....	3.....	Snap Ring, 2.59 x 08 TK
35.....	807006.....	4.....	#61 Woodruff Key
36.....	603031.....	2.....	Spindle - Outer Blade
	604262.....	2.....	Outer Housing - Complete
37.....	603022.....	1.....	Spindle - Center Blade
	604261.....	1.....	Center Housing - Complete
38.....	603283.....	3.....	Blade - 20.5 Diameter
	603661.....	3.....	Blade - Low Lift
	603874.....	3.....	Blade - Mulching*

KEY PART # QTY. DESCRIPTION

39.....	513435.....	3.....	Washer, Spring Disc 1/2
40.....	800531.....	3.....	1/2-20 x 1 HHCS RH
41.....	809035.....	18.....	Bolt - 3/8-16 x 1.0 Tap
42.....	811008.....	2.....	Zerk - 1/4-28 x 90°
43.....	800805.....	2.....	3/8-16 x 3.5 Hx Hd Capscrew
44.....	800297.....	1.....	3/8-16 x 2-1/4 Hx Hd Capscrew
45.....	513787.....	1.....	Pulley - V-Idler
46.....	513034.....	4.....	Bearing Pivot
47.....	805260.....	2.....	3/8 Standard Flat Washer
48.....	803016.....	2.....	Bolt - 3/8-16 x 1 Whizlock
49.....	603496.....	1.....	Bushing - Idler
50.....	602867.....	1.....	Arm Weld - Dk. Dr. Idler
	602865.....	1.....	Idler Arm Assy w/Bearings
51.....	602591.....	1.....	Arm Weld - Dk. Idler Arm
	602604.....	1.....	Idler Arm Assy w/Bearings
52.....	603384.....	2.....	Bushing - Idler Pivot
53.....	603504.....	1.....	Spacer - Tuber
54.....	603050.....	1.....	Bushing - Spacer Pltd.
55.....	603413.....	2.....	Spring
56.....	805006.....	2.....	3/8 Heavy Spring Lockwasher
57.....	603540.....	2.....	Link, Rear Deck Support
58.....	803031.....	2.....	3/8-24 Torque Nut
59.....	804257.....	2.....	3/8-16 Hex Nyloc Nut
60.....	602936.....	1.....	Weld Assy - 60" Deck
61.....	603602.....	6.....	Bushing - Roller
62.....	603299.....	6.....	Roller - Anti Scalp
63.....	800807.....	6.....	Capscrew 3/8-16 x 4.00 G8
64.....	542606.....	1.....	Chute Widmt., Discharge
65.....	800273.....	2.....	5/16-18 x 1 HH Capscrew
66.....	804256.....	2.....	5/16-18 Nyloc Hex Nut
67.....	800031.....	2.....	3/8-16 x 2-3/4 HHTB
68.....	603805.....	1.....	Idler
69.....	800297.....	1.....	3/8-16 x 2-1/4 HH Capscrew
70.....	603497.....	2.....	Idler - 4" Flat
71.....	603410.....	1.....	Sheave - Mower Drive
72.....	513791.....	1.....	Bushing
73.....	603494.....	1.....	Spacer
74.....	800302.....	1.....	3/8-16 x 4 HHCS
75.....	603001.....	2.....	Rod - Deck Support
76.....	806332.....	2.....	Rollpin 1/4 x 1-1/2
77.....	603620.....	1.....	Brkt - Spring Anchor
78.....	800270.....	17.....	5/16-18 x 5/8 HHCS
79.....	809001.....	17.....	5/16-18 Whizlock Nut
80.....	602911.....	2.....	Baffle Weldment
81.....	602913.....	1.....	Baffle Weldment

* Requires installation of Micro-Mulch assembly for proper mulching.



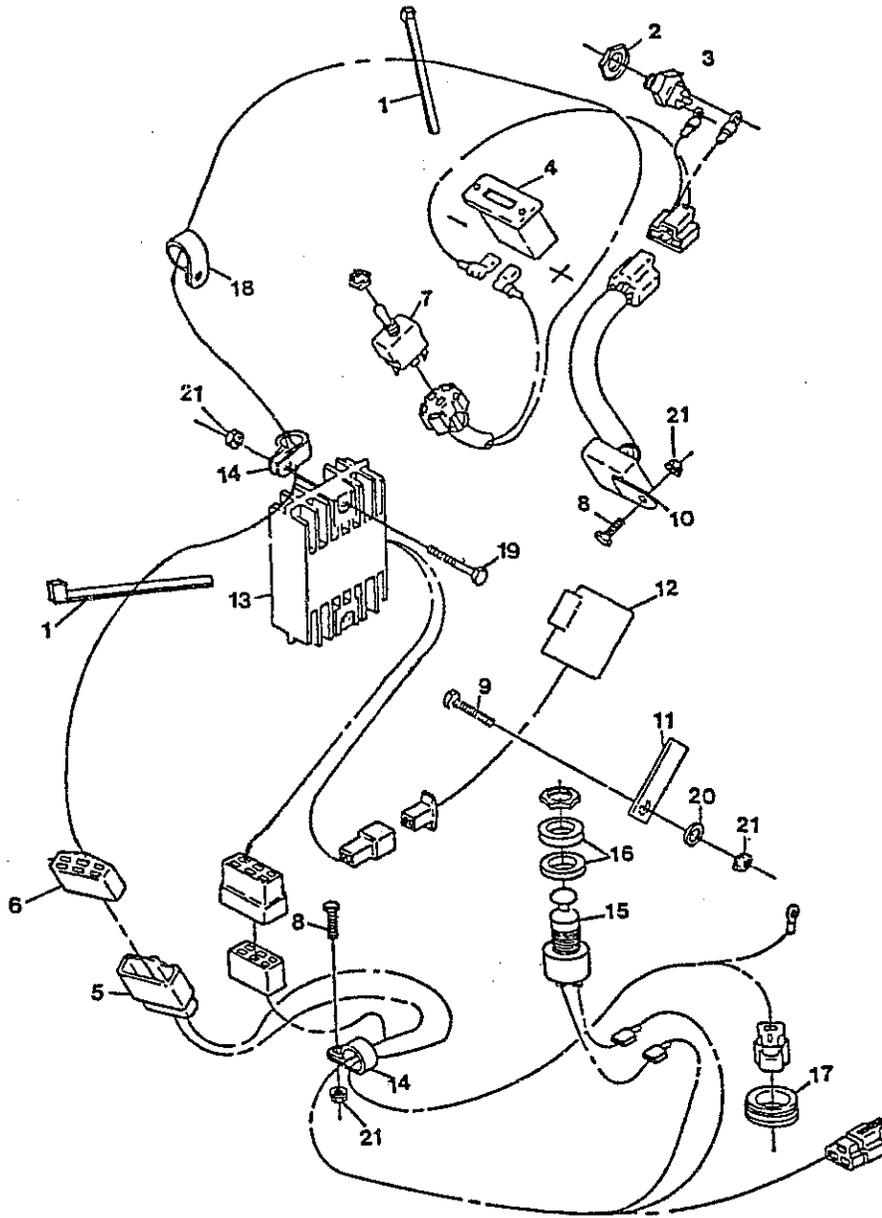
18 & 20 HP ELECTRICAL GROUP

KEY PART # QTY. DESCRIPTION

1.....	603479.....	1.....	Battery - 12 V Manifold
2.....	603814.....	1.....	Strap - Battery Holddown
3.....	807512.....	2.....	1/4-20 x 3/4 Carriage Bolt
4.....	803037.....	2.....	1/4-20 Retaining Nut
5.....	603760.....	1.....	Switch - Push Button
6.....	303164.....	2.....	Spacer
7.....	800271.....	2.....	5/16-18 x 3/4 HHCS
8.....	543391.....	1.....	Insulator - Battery +
9.....	543390.....	1.....	Insulator - Battery -
10.....	805506.....	2.....	5/16 Internal Tooth Lockwasher
11.....	513056.....	1.....	Wire - Ground
12.....	603105.....	1.....	Cover - Battery Debris
13.....	805256.....	2.....	1/4 Standard Flatwasher
14.....	803038.....	2.....	1/4-20 Wingnut
15.....	513582.....	1.....	Wire - Starter
16.....	543393.....	3.....	Insulator - Solenoid
17.....	543286.....	1.....	Grommet
18.....	513053.....	1.....	Wire - Positive Battery
19.....	513075.....	1.....	Switch - 12V Solenoid
20.....	800250.....	4.....	1/4-20 x 1/2 HHCS

KEY PART # QTY. DESCRIPTION

21.....	603793.....	1.....	Harness - Engine Deck
22.....	603965.....	1.....	Harness - Console Wire
23.....	816001.....	2.....	Fuse - Blade 20 amp
24.....	603434.....	1.....	Clip - Fuse Block
25.....	800256.....	1.....	1/4-20 x 1-1/2 HHCS
26.....	804255.....	1.....	1/4-20 Nyloc Nut
27.....	513579.....	1.....	Module - Safety Interlock
28.....	513762.....	2.....	Clip - .50 Loom
29.....	603491.....	1.....	Wire - Ground
30.....	303372.....	1.....	Operator Control Switch
31.....	803034.....	1.....	9/16-18 Painut
32.....	303335.....	1.....	Plastic Tie - Large
33.....	303287.....	2.....	Plastic Tie
34.....	800254.....	1.....	1/4-20 x 1.0 HHCS
35.....	543018.....	1.....	Switch - Toggle
36.....	513374.....	1.....	Meter - Engine Hour
37.....	513194.....	1.....	Switch - Ignition
38.....	809012.....	7.....	1/4-20 Whizlock Nut
39.....	809001.....	2.....	5/16-18 Whizlock Nut
40.....	603727.....	1.....	Clip - .56 Loom



14 HP ELECTRICAL GROUP

KEY PART # QTY. DESCRIPTION

1.....	303335.....	1.....	Plastic Tie - Large
2.....	803034.....	1.....	9/16-18 Palmnut
3.....	303372.....	1.....	Operator Control Switch
4.....	513374.....	1.....	Meter - Engine Hours
5.....	603856.....	1.....	Harness - Engine Deck
6.....	603964.....	1.....	Harness - Console Wire
7.....	543018.....	1.....	Switch - Toggle
8.....	800250.....	2.....	1/4-20 x 1/2 HHCS
9.....	800251.....	1.....	1/4-20 x 5/8 HHCS
10.....	323145.....	1.....	Module - Safety Interlock
11.....	603655.....	1.....	Mount - Condensor
12.....		1.....	Condensor - Kawasaki #21013-2064
13.....		1.....	Regulator - Kawasaki #21066-2071

KEY PART # QTY. DESCRIPTION

14.....	513762.....	2.....	Clip - Loom
15.....	603760.....	1.....	Switch - Push Button
16.....	303164.....	2.....	Spacer
17.....	543286.....	1.....	Grommet
18.....	603727.....	1.....	Clip - .56 Loom
19.....	800255.....	2.....	1/4-20 x 1-1/4 HHCS
20.....	805256.....	1.....	1/4 Standard Flatwasher
21.....	809012.....	6.....	1/4-20 Whizlock Nut

! DANGER

KEEP ALL PEOPLE OUT OF AREA WHEN MOWING. THROWN OBJECTS OR BLADE CONTACT CAN CAUSE SERIOUS INJURY OR DEATH.

543774

OFF ON

2 START

513739

543631

FAST SLOW

THROTTLE

323151

CHOKE

FAST SLOW STOP

THROTTLE

5 ON MOWER OFF

6 NEUTRAL LOCK

7 54321N

exmark
Turf Tracer Hydro

! DANGER

ENGINES PRODUCE CARBON MONOXIDE WHICH IS AN ODORLESS DEADLY POISON. DO NOT OPERATE IN AN ENCLOSED AREA.

! CAUTION

1. READ OPERATOR'S MANUAL BEFORE OPERATING.
2. CLEAR AREA OF PEOPLE, PETS AND DEBRIS BEFORE MOWING.
3. STOP REVERSE OFF.
4. BEFORE STARTING ENGINE:
 - A. BLADE CLUTCH MUST BE DISENGAGED.
 - B. TRANSMISSION MUST BE IN NEUTRAL.
 - C. FOR ELECTRIC START ENGINE, OPERATOR MUST BE IN OPERATING POSITION WITH OPERATOR PRESENCE CONTROL LEVERS DEPRESSED.
5. FOR MANUAL START ENGINE, PLACE LEFT AND RIGHT DRIVE LEVERS INTO NEUTRAL LOCK POSITION USING THUMB LATCHES.
6. BEFORE LEAVING OPERATOR'S POSITION:
 - A. SHIFT TRANSMISSION TO NEUTRAL.
 - B. DISENGAGE BLADE CLUTCH.
 - C. SHUT OFF ENGINE AND REMOVE KEY OR SPARK PLUG CABLE.
7. KEEP ALL SHIELDS AND GUARDS IN PLACE.
8. DO NOT OPERATE MOWER DECK UNLESS ENTIRE GRASS CATCHER IS IN PLACE.
9. USE CAUTION ON SLOPES.
10. DO NOT PAIN ON SLOPES (WHEELS ARE CHECKED OR LOCKED).
11. SHUT OFF ENGINE AND REMOVE KEY AND/OR SPARK PLUG CABLE BEFORE MAKING ADJUSTMENTS, SERVICING OR CLEANING.

! CAUTION

MUFFLER AND SHIELDS MAY EXCEED 150°F

513746

! WARNING

OPEN BELT DRIVE! STOP ENGINE BEFORE REACHING UNDERNEATH

21 60

POISON CONTAINS SULFURIC ACID. AVOID CONTACT WITH SKIN, EYES OR CLOTHING. IN EVENT OF ACCIDENT, FLUSH WITH WATER AND CALL A POISON SPECIALIST IMMEDIATELY. KEEP OUT OF REACH OF CHILDREN.

DANGER COLLECTORS, PLANKS OR SPARKS COULD CAUSE FIRES TO START. ALWAYS WEAR SAFETY GOGGLES AND PROTECTIVE CLOTHING. DO NOT OPERATE MOWER DECK UNLESS ENTIRE GRASS CATCHER IS IN PLACE. ALWAYS FOLLOW ALL INSTRUCTIONS AND WARNINGS. KEEP TIGHT CAPS TIGHT AND LEVEL.

! CAUTION

ALLOW ENGINE TO COOL FOR 2 MINUTES BEFORE REFUELING

! WARNING

DO NOT OPERATE WITHOUT DISCHARGE DEFLECTOR OR ENTIRE GRASS COLLECTION SYSTEM IN PLACE.

HYDRAULIC OIL RESERVOIR USE ONLY MOBIL 1 SAE 15W-50 SYNTHETIC ENGINE OIL. FILL TO TOP OF BAFFLE

MAY BE MADE UNDER ONE OR MORE OF THE FOLLOWING PATENTS:
4,878,661 4,913,667
4,941,864 4,958,484
OTHER PATENTS MAY BE PENDING
exmark

exmark

exmark

! WARNING

DISCHARGE BLADE CLUTCH, SHUT OFF ENGINE AND REMOVE KEY BEFORE MAKING ADJUSTMENTS, SERVICING OR CLEANING DECK.

ANTI-SCALP ROLLER ADJUSTMENT

FOR 54 INCH DECK FLOOR FROM PLACE ROLLERS IN POSITIONS SHOWN. CUTTING HEIGHT BIKES (mm)

CUTTING HEIGHT	1.2 (50)	1.5 (60)	1.8 (70)	2.1 (80)	2.4 (90)	2.7 (100)
DECK SUPPORT POS.	1	2	3	4	5	6

ROLLER ROLLERS MUST REMAIN UP FOR CLEARANCE TO OPERATOR. DO NOT ADJUST ROLLERS TO SUPPORT MOWER DECK.

DRIVE WHEEL RELEASE

DO NOT OVER-TIGHTEN

603649

DANGER

KEEP HANDS and FEET AWAY

TRIVANTAGE

14

exmark

52

DECALS

KEY PART # QTY. DESCRIPTION

- 1.....543774..... 1.....Decal - Danger
- 2.....513739..... 1.....Decal - Ignition
- 3.....543631..... 1.....Decal - Throttle
- 4.....323151..... 1.....Decal - Throttle (14 HP)
- 5.....543626..... 1.....Decal - Mower Switch
- 6.....303102..... 2.....Decal - Neutral Lock
- 7.....603804..... 1.....Decal - Shifter
- 8.....603828..... 1.....Decal - TTZ Console
- 9.....303481..... 1.....Decal - Carbon Monoxide
- 10.....603350..... 1.....Decal - Instructional
- 11.....513746..... 1.....Decal - Muffler
- 12.....513747..... 1.....Decal - Battery
- 13.....303517..... 1.....Decal - Belt Drive
- 14.....303520..... 1.....Decal - Tri-Vantage
- 15.....303293..... 1.....Decal - 2 Minute Cool
- 16.....403080..... 1.....Patent Number

KEY PART # QTY. DESCRIPTION

- 17.....513890..... 1.....Decal - Hyd Tank
- 18.....303205..... 1.....Small Exmark Label
- 19.....603845..... 1.....Decal - Hydro Drive Wheel Release
- 20.....543663..... 1.....Decal - Commercial
- 21.....543664..... 1.....Decal - 60"
- 22.....543660..... 1.....Decal - Mower Deck
- 23.....543659..... 1.....Decal - Discharge Warning
- 24.....403005..... 2.....Danger Label
- 25.....543782..... 1.....Center Exmark Stripe (60" Deck)
- 603623..... 1.....Center Exmark Stripe (52" Deck)
- 26.....543788..... 1.....Decal - Exmark Large
- 27.....543780..... 1.....LH Exmark Stripe
- 28.....543781..... 1.....RH Exmark Stripe
- 29.....603622..... 1.....Decal - 52"

15. Stop the engine:
 - a) Whenever you leave the mower
 - b) Before removing the grasscatcher
 - c) Before refueling
 - d) Before making height adjustments
 - e) Before clearing blockages.
16. Reduce the throttle setting during engine run-out and, if the engine is provided with shut-off valve, turn the fuel off at the conclusion of mowing.

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.

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. An accumulation of these combustible materials may result in a fire.
4. Store gasoline in a safe container 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 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, unless completely drained of fuel.
8. Check mower cutter blade and engine mounting bolts frequently to maintain proper tightness.
9. Check grass catcher bag frequently for wear or deterioration. Replace worn bags. Check that replacement bags comply with original manufacturer's recommendations or specifications.
10. Pro Lock (nut type, medium strength) is used on all set screws on Exmark Mowers.

CAUTION

FAILURE TO FOLLOW CAUTIOUS OPERATING PRACTICES CAN RESULT IN SERIOUS OPERATOR INJURY.

BE CAREFUL

1. Keep all shields in place, especially grass discharge guard.
2. Stop engine and remove spark plug wire to adjust or service.
3. When mower mechanism becomes clogged, stop engine before cleaning.
4. Keep hands, feet, and clothing away from power-driven parts.
5. Keep off mower unless seat or platform is provided.
6. Keep others off mower.

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LINE OF PRODUCTS FOR TURF CARE

EXPLORER

EXPLORER II

TURF RANGER

TURF TRACER

TURF TRACER HYDRO

VIKING

VIKING HYDRO

STEERABLE SULKY

SULKY

TURF RAKE

GRASS CATCHER

MULCHING KITS

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402/223-4010

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