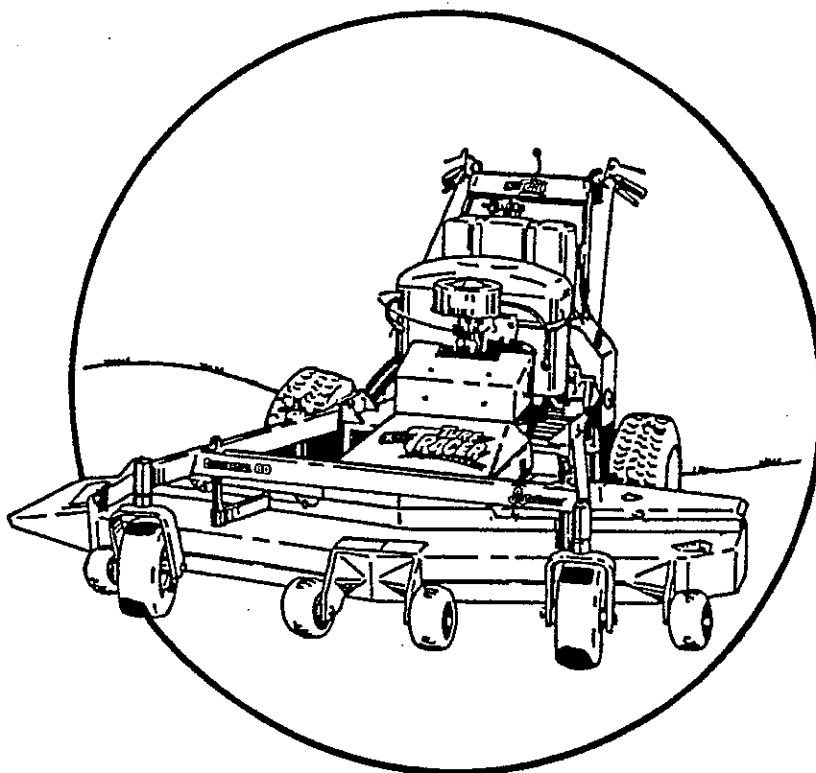




For Serial Nos.
102,000 and Higher

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 part number, description and quantity of the part needed.

The Serial No. plate is located on the top, right hand side of the engine frame. The Serial No. plate for the deck is located on the front support pin gusset on the right hand side of the deck.

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

Tractor Model No. _____

Tractor Serial No. _____

Deck Model No. _____

Deck Serial No. _____

Date Purchased _____

Purchased From _____

PART NO. 850351

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SAFETY RECOMMENDATIONS FOR ALL EXMARK MOWER USERS

TRAINING

1. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment. Regard the Exmark mower as a piece of power equipment and teach this regard to all who operate this unit.
2. Avoid mowing while people, especially when children or pets, are nearby. Never allow children, teenagers, or people unfamiliar with these instructions to use the mower. 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, wearing baggy clothing or trousers with loose strings, or while wearing open sandals.
3. Thoroughly inspect the area where the equipment will be used. Remove all stones, sticks, wire, bones and other foreign objects which can result in personal injury.

OPERATION

WARNING

- **Failure to follow safety instructions and cautious operating practices can result in serious injury.**
1. This mower was designed for one operator only. Keep all others away from mower during operation.
 2. Give complete undivided attention to the job at hand.
 3. Mow only in daylight or good artificial light.

DANGER

- **Do Not** operate the engine in a confined area where dangerous carbon monoxide fumes can collect.
4. When feasible, avoid operating the equipment in wet grass.
 5. Mow *across* the face of steep slopes, never up and down. Use extreme caution when changing directions on slopes. **Do Not** mow excessively steep slopes.
 6. Use extreme caution when backing up.
 7. Stop the blades when transporting the mower across any surface other than grass, and when transporting the mower to and from the area to be mowed.
 8. **Never** operate the mower with damaged guards, shields, or without operating safety devices in place. **Do Not** mow without grass deflector or entire grass collection system in place and in proper working condition.
 9. **Do Not** change the governor settings or overspeed the engine. Operating an engine at excessive speed may increase the hazard of personal injury.
 10. Fill the gas tank with the recommended fuel specified by the engine manufacturer.

DANGER

- **Fuel is highly flammable. Never** remove the cap of the gas tank while engine is running or when engine is hot. Add fuel *before* starting the engine.
 - Refuel outdoors or in a well ventilated area. **Do Not** smoke when refueling or operating the equipment.
 - If fuel is spilled, **Do Not** attempt to start the engine. Move away from the spill and avoid creating any source of ignition or sparks until fuel vapors have dissipated.
11. Before starting engine; place transmission in neutral, and disengage the blade and wheel drive clutches. Follow engine manufacturer recommendations for starting engine.
 12. Start the engine with feet well away from the blades.
 13. Keep hands, feet and clothing away from rotating parts while the mower is being operated.

CAUTION

- The engine can become very hot. Always allow the engine to cool before servicing or making any repairs near the engine area.
14. Stop the engine and remove ignition key:
 - Before checking, adjusting, servicing or clearing blockages.

- After striking a foreign object to inspect mower for damage. Make any necessary repairs before restarting and operating the mower.
- Before refueling.
- Whenever you leave the mower.
- Before making height adjustments.
- Before removing grasscatcher.
- Before cleaning blockages.

WARNING

- **If it is necessary to raise the deck or mower for service or repairs, Do Not rely solely on mechanical or hydraulic jacks for support. Properly support the deck or mower using adequate jack stands or equivalent support.**
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 when transporting the mower to and from the job site and when the mower will be stored and not in use for a few days.
 17. If jump starting for electric start engine is required, connect positive (+) power cable from booster battery to the positive (+) terminal post on starter solenoid switch (this post has the positive battery cable hooked to it). Connect the ground (-) cable from booster battery to any engine deck ground (preferably the engine block).
 18. Disconnect cables in the reverse order after engine has started.

MAINTENANCE AND STORAGE

CAUTION

- Although hazard control and accident prevention are partially 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, storage and maintenance of the equipment.
 - **It is essential that all operator safety guards and mechanisms be connected and in proper operating condition prior to mowing.**
1. Follow the engine manufacturer's recommendations as detailed in the engine manual, for maintenance and service on the engine.
 2. Keep engine and engine area free of grass, leaves, excessive grease and oil, and other debris which can accumulate in these areas. Some of these materials can become combustible and result in a fire.

3. Maximum mowing results and safety can be achieved if the mower is properly maintained and operated correctly.
4. Keep all guards, shields and other safety devices *in place* and in safe working condition.
5. Check all bolts and hydraulic fittings frequently to maintain proper tightness.
6. If carburetor adjustment is necessary, disengage the blade and wheel drive, stand to one side keeping hands and feet away from the mower deck, make appropriate adjustments.
7. Check for worn or deteriorating components and belts which could create a hazard. Replace or repair as necessary.
8. All replacement parts must be equivalent or the same as the parts supplied as original equipment.

DANGER

- **Fuel is *highly flammable*. Do Not store fuel in an enclosed area where heating appliance or open flame is present. Store fuel in a container designed specifically for that purpose.**
9. Store fuel in a cool dry place. Keep fuel and mower in locked storage to prevent children from playing or tampering with them.

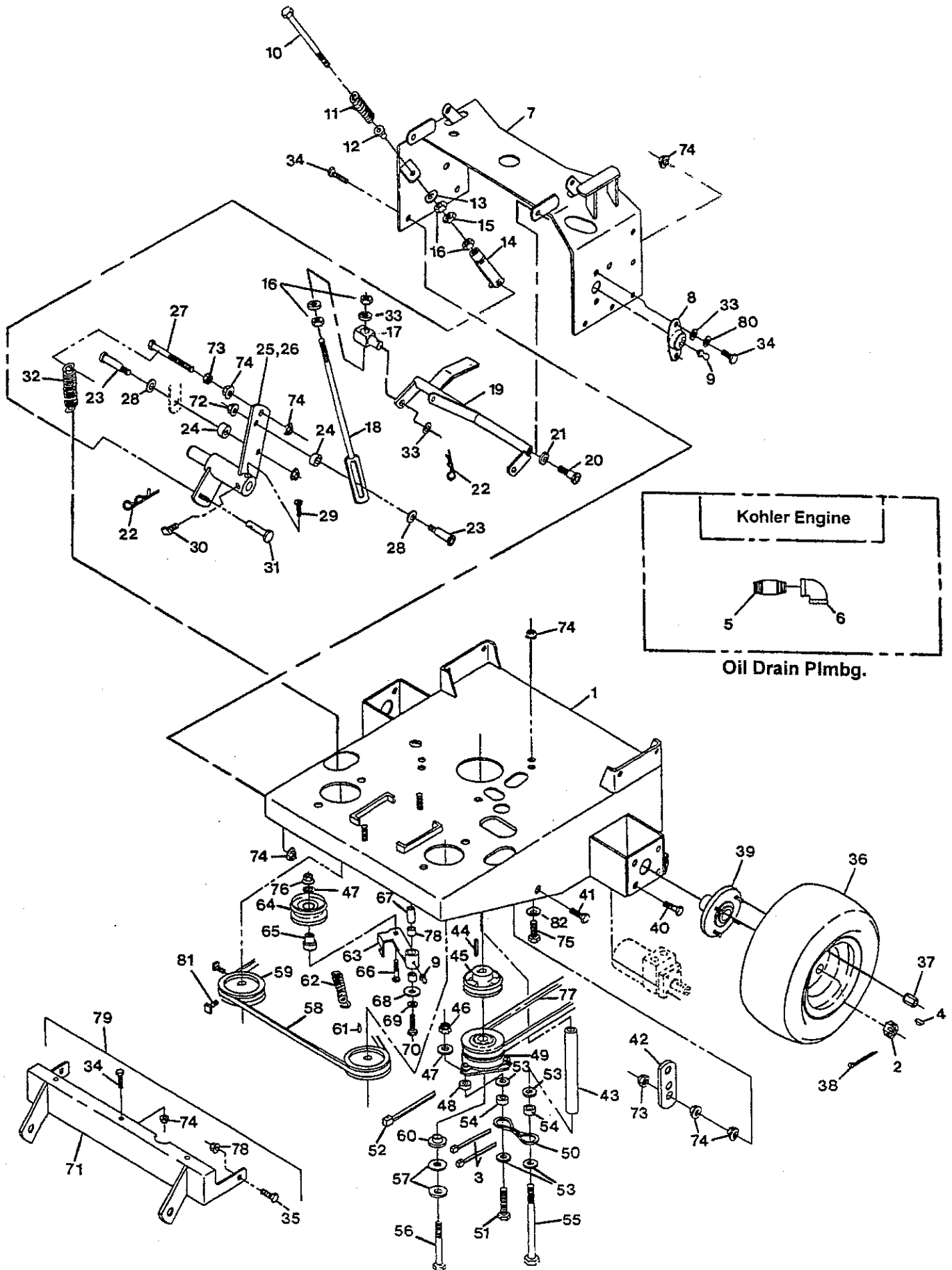
CAUTION

- **Hydraulic fluid escaping under pressure may have sufficient force to penetrate the 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 occur.**
- **Use paper or cardboard to check for leaks. NEVER use your hands.**
- **Safely relieve all pressure in the system before disconnecting the lines or before performing work on the hydraulic system.**

SAFETY SIGNS

1. Familiarize yourself with the instruction and safety labels. They are critical to the safe operation of your Exmark commercial mower. Remove all grease, dirt and debris from safety signs. Safety signs must be replaced if they are missing or illegible.
2. 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 air bubbles.
3. When new components are installed, insure that current safety signs are affixed to the replaced component. New safety signs may be obtained from your authorized Exmark dealer or distributor, or from Exmark Mfg. Co. Inc.

ENGINE DECK GROUP



ENGINE DECK GROUP

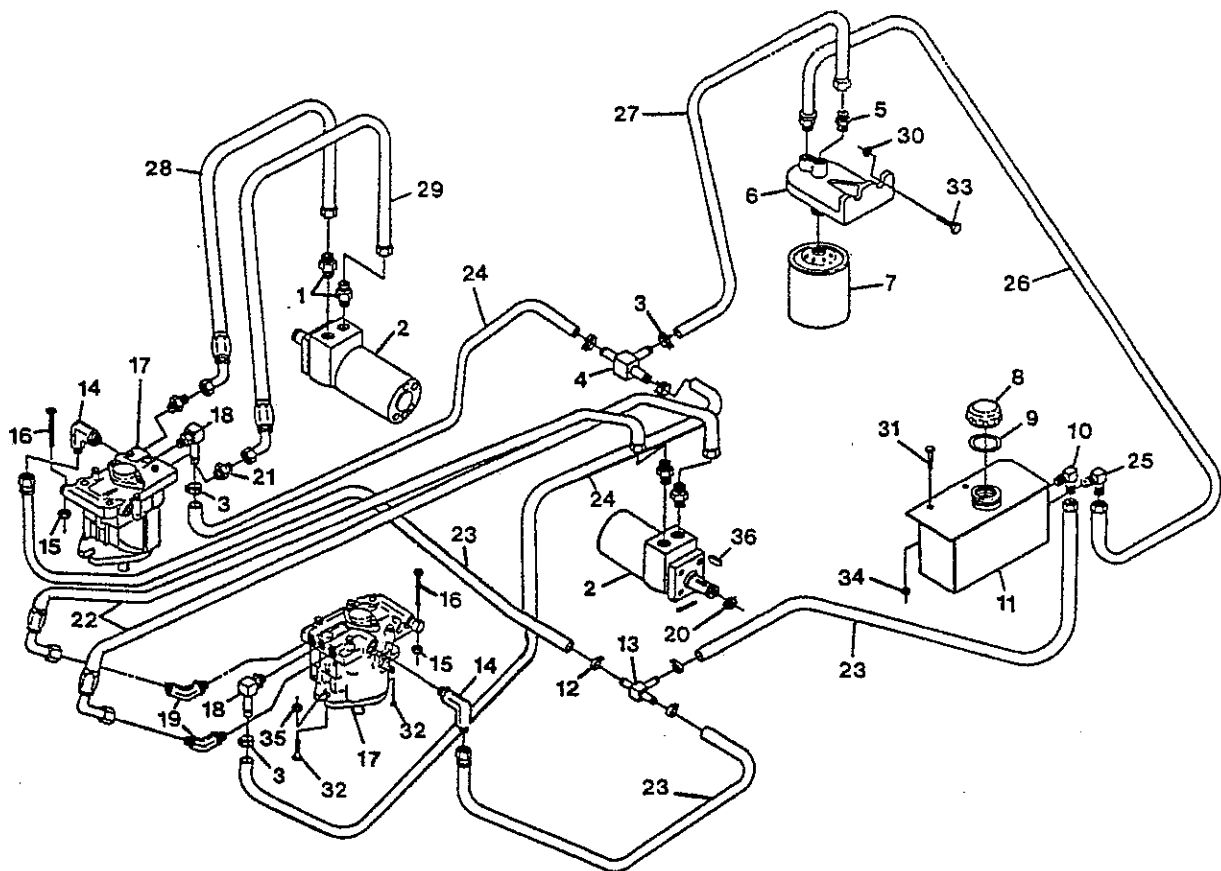
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	602944	Engine Deck Weldment	1	43	603469	Standoff, clutch.....	1
2	803040	3/4-16-2B Slotted Hex Nut.....	2	44	807259	Key, 1/4 x 1/4 x 1.....	1
3	303287	Plastic Tie	2	45	603589	Sheave, 4 1/4 O.D.....	1
4	807019	Key, woodruff 1" x 2 1/2".....	2	46	804256	Nut, nylock 5/16-18	1
5*	543064	Pipe nipple	1	47	805258	Washer, 5/16	2
6*	303428	Elbow, 90°	1	48	323093	Spacer, neutral return.....	1
7	602744	Support, tank/handle.....	1	49◇	601979	Kit, clutch (Warner Electric)....	1
8	543514	Bearing, flange, side mount....	2	50	602974	Cable assy.....	1
9	811006	Zerk, grease 1/4-28 (straight) .	3	51	800275	Screw, 5/16-18 x 1-1/2	1
10	603737	Bolt, neutral return	2	52	303335	Plastic Tie - Large	2
11	603807	Spring, neutral return	2	53	213069	Washer, 1 1/2" dia.	4
12	603735	Bearing, nylon flanged	2	54	543007	Spacer, clutch anchor.....	2
13	805256	Washer, 1/4	2	55	800287	Screw, 5/16-18 x 6 1/2	1
14	303105	Yoke, adjustable	2	56▽	800819	Screw, 7/16-20 x 2 1/2	1
15	804758	Nut, jam 5/16-24	2	57	603610	Spring, disc 7/16.....	2
16	804521	Nut, 5/16-24	8	58	603809	Belt, hydro trans drive	1
17	603676	Swivel	2	59	603778	Sheave, pump	2
18	602742	Rod, control arm	2	60	603609	Bushing, clutch keeper	1
19	602695	Crank weldment.....	1	61	807272	Key, 5 mm sq x 25 mm.....	2
20▽	809056	Screw, 3/8 x 3/8 sckt hd shld..	2	62	603402	Spring, extension.....	1
21	805259	Washer, 3/8	2	63	602521	Idler arm assy, w/bearings (engine deck)	1
22	806003	Hairpin, cotter	4		602458	Arm, idler	1
23▽	809057	Screw, 5/16 x 3/4 sckt hd shld	4	64	603843	Pulley, idler.....	1
24	603903	Spacer	4	65	603496	Bushing, idler.....	1
25	602671	Arm, control (RH).....	1	66	807517	Screw, 3/8-16 x 1-3/4	1
26	602673	Arm, control (LH)	1	67	603044	Bushing, idler pivot	1
27	800274	Screw, 5/16-18 x 1-1/4.....	2	68	373034	Washer, pivot	1
28	805257	Washer, 5/16	4	69	805006	Washer, lock 3/8 (heavy).....	1
29▽	809058	Screw, 10-24 x 3/4 sckt hd	2	70	800298	Screw, 3/8-16 x 2 1/2	1
30▽	803022	Setscrew, 5/16-18 x 5/8.....	2	71	602438	Hitch, widmnt.....	1
31	808280	Clevis pin	2	72	809012	Nut, whizlock 1/4-20	4
32	603693	Spring, extension	2	73	804256	Nut, nylock 5/16-18	4
33	805257	Washer, 5/16	10	74	809001	Nut, whizlock 5/16-18.....	24
34	800271	Screw, 5/16-18 x 3/4.....	12	75	800275	Screw, 5/16-18 x 1-1/2	3
35	800292	Screw, 3/8-16 x 1	2	76	809007	3/8-16 Whizlock Nut.....	5
36	603714	Tire and wheel assembly	2	77	611022	Belt/Shield Kit (60").....	1
	603427	Tire only	1		603306	Belt/Dk Drive (60").....	1
	603715	Rim only	1		611023	Belt/Shield Kit (52").....	1
37	513011	Nut, wheel.....	8		603306	Belt/Dk Drive (52").....	1
38	806800	Pin, cotter.....	2	78	513034	Bearing, pivot.....	2
39	602997	Hub, 4 bolt (taper).....	2	79	601000	Hitch, Sully	1
		Use Anti-Seize Compound on tapered bore of hub		80	805005	Washer, lock 5/16 (heavy).....	4
40	803045	Screw, whizlock 3/8-16 x 3/4 ..	8	81▽	803050	Setscrew, 5/16-18 x 3/4.....	4
41	800016	Bolt, tap 5/16-18 x 1 1/4.....	2	82	303334	Washer, spring disc 5/16.....	4
42	603801	Anchor, spring.....	2				

* Use Teflon Pipe Sealant or equivalent on threads.

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

◇ For units with Serial No.'s 87,765 or lower, replace electric clutch with Clutch Kit, Part No. 601979. This kit includes the new Warner clutch and the necessary parts to install this kit to your unit.

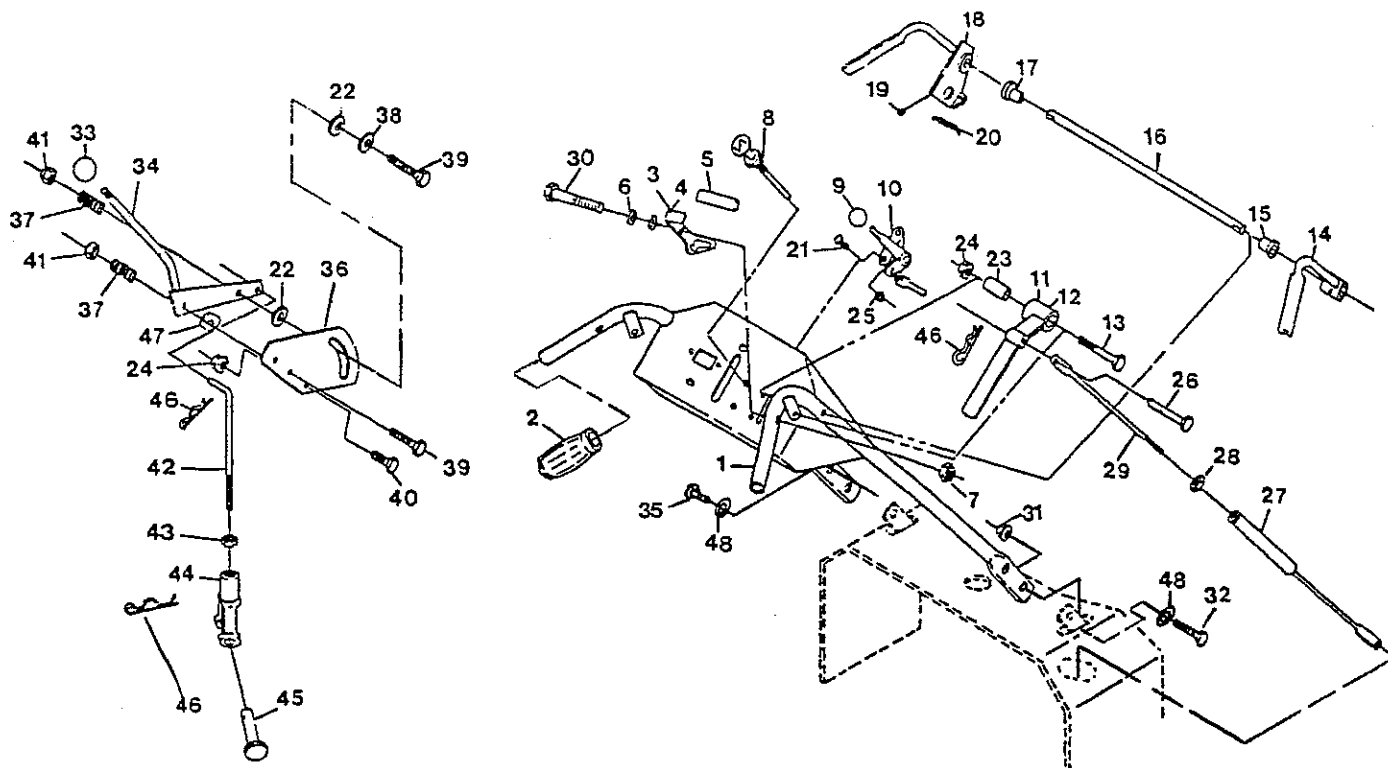
HYDRAULICS GROUP



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	603991	Fitting, straight connector	4	19	523221	Elbow, 45°	2
	603919	Boss O-Ring	1		603992	Flare O-Ring	1
	603992	Flare O-Ring	1		603920	Boss O-Ring	1
2	603718	Motor, wheel	2	20	803040	Nut, 3/4-16-2B slotted	2
3	603827	Clamp, hose	5	21	603990	Adapter, straight thread	2
4	603721	Fitting, 3/8 hose tee	1		603920	Boss O-Ring	1
5	513510	Connector, male	1		603992	Flare O-Ring	1
6	603720	Head, filter	1	22	603981	Hose, hydro (RH)	2
7	513211	Element, oil filter	1	23	602750	Hose assy, case drain	3
8	513167	Cap, hydraulic reservoir	1	24	603986	Hose assy, charge pump	2
9	523103	Gasket, hydr. tank cap	1	25*	603988	Elbow, 90°	1
10*	603987	Elbow, 90°	1	26	602985	Hose assy, supply	1
11	512166	Reservoir, hydraulic fluid	1	27	602754	Hose assy, charge line	1
12	603826	Clamp, hose	3	28	613034	Hose, hydro (LH)	1
13	603722	Fitting, 1/4 hose tee	1	29	323241	Hose, hydro (LH)	1
14	513840	Elbow, 90°	2	30	809001	Nut, whizlock 5/16-18	2
	603921	O-Ring	1	31	800252	Screw, 1/4-20 x 3/4	2
15	804255	Nut, nylock 1/4-20	2	32	800292	Screw, 3/8-16 x 1	1
16	801060	Screw, 1/4-20 x 2 pan hd slt ...	2	33	800274	Screw, 5/16-18 x 1 1/4	2
17	613042	Pump, hydro	2	34	809012	Nut, whizlock 1/4-20	2
18	603989	Elbow, 90°	2	35	809007	Nut, whizlock 3/8-16	4
	603923	O-Ring	1	36	807019	Key, woodruff 1 x 1/4	2

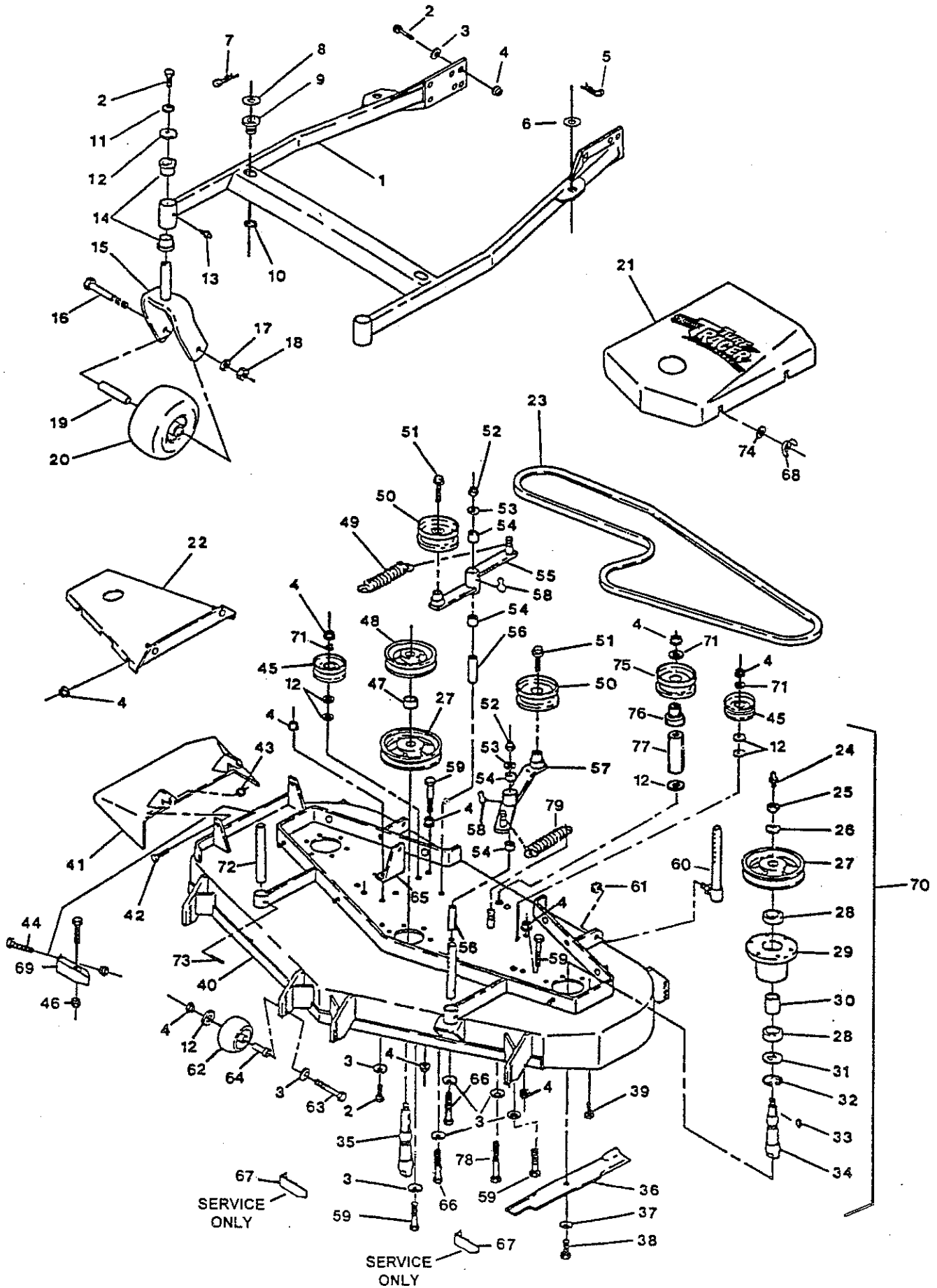
* Use Teflon Pipe Sealant or equivalent on hydraulic reservoir fittings and filter head fittings.

HANDLE AND CONTROLS



Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	602740	Handle wldmnt, hydro.....	1	25	804252	Nut, nylock 10-24	2
2	303097	Grip, handle	2	26	613055	Pin, clevis	2
3	602771	Latch, hydro drive lever (LH) ..	1	27	612060	Housing weldment.....	2
4	602772	Latch, hydro drive lever (RH) ..	1	28	804507	Nut, 3/8-16.....	2
5	303019	Grip, vinyl latch	2	29	613058	Rod, brake lever	2
6	303435	Washer, disc spring 1/4	4			Use Anti-Seize Compound on threads	
7	804255	Nut, nylock 1/4-20.....	2	30	800257	Screw, 1/4-20 x 1-3/4	2
8	603336	Choke control push/pull	1	31	809007	Nut, whizlock 3/8-16	4
9	513592	Knob, red ball.....	1	32	800292	Screw, 3/8-16 x 1	3
10	603199	Throttle control.....	1	33	603175	Knob, 1-3/8.....	1
11	602839	Drive lever (RH).....	1		840022	Pro-Lock, Nut Type (.5 ml tube)	
12	602837	Drive lever (LH).....	1			Use on Knob Threads	
13	800256	Screw, 1/4-20 x 1-1/2.....	2	34	602733	Lever, shifter.....	1
14	302138	Lever Weldment - OPC (RH) ..	1	35	800293	Screw, 3/8-16 x 1-1/4	1
15	303365	Bushing, nylon	1	36	603730	Plate, shifter lever.....	1
16	303364	Rod, connecting	1	37	323245	Spring, compression.....	2
17	303369	Bushing, flanged	1	38	603716	Washer, friction	1
18	602507	Lever (OPC).....	1	39	800277	Screw, 5/16-18 x 2	2
	840023	Pro-Lock Retaining 1 (.5cc Tube)		40	800251	Screw, 1/4-20 x 5/8	2
		Use on inside bore of OPC Hub		41	804256	Nut, nylock 5/16-18	2
		(See Operator's Manual)		42	603700	Rod, speed control	1
19	803322	Setscrew	2	43	804758	Nut, jam 5/16	1
	840022	Pro-Lock, Nut Type (.5 ml tube)		44	303105	Yoke, adjustable.....	1
		Use on setscrews		45	808280	Pin, clevis	1
20	303363	Actuator Spring	1	46	806003	Hairpin, cotter.....	3
21	807513	Screw, 10-24 x 1/2.....	2	47	805257	Washer 5/16	1
22	323244	Washer, friction	2	48	303327	Washer, spring disk.....	4
23	603749	Bushing, drive lever	2				
24	809012	Nut, whizlock 1/4-20	4				

52" MOWER DECK



52" MOWER DECK

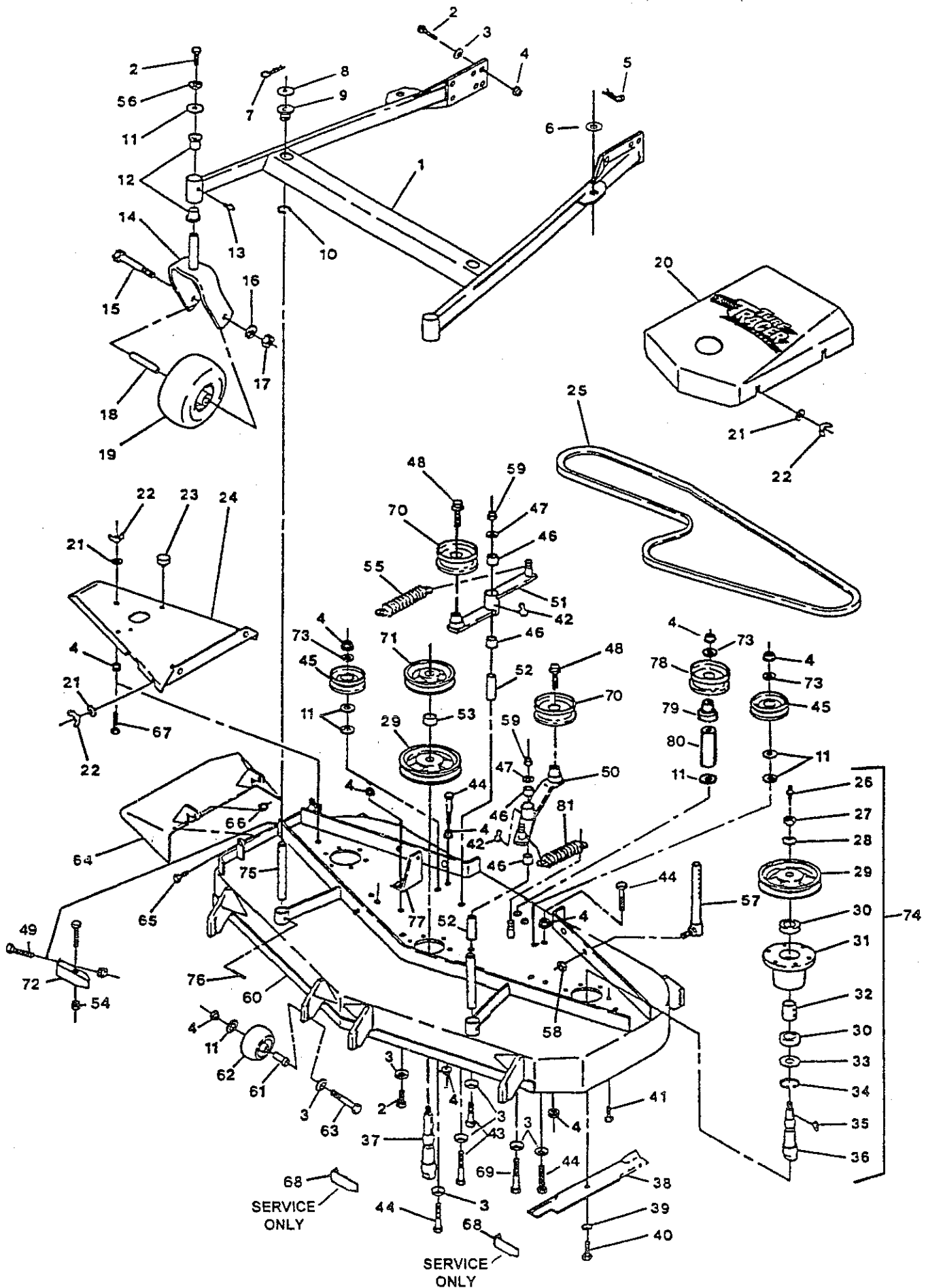
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	604960	Support, deck 602939 w/ bushings & decals	1	40	602961	Deck, 612007 with support rods & baffle	1
2	800292	Capscrew, 3/8-16 x 1	12	41	602571	Chute, discharge	1
3♦	303327	Washer, disc spring 3/8	20	42	800273	Capscrew, 5/16-18 x 1	2
4♦	809007	Nut, whizlock 3/8-16	29	43	804256	Nut, nylock 5/16-18	2
5	806006	Hairpin, 5/8	2	44	800270	Capscrew, 5/16-18 x 5/8	13
6	303164	Spacer, blade driver	2	45	30316	Pulley, V-Idler	2
7	806007	Hairpin, 7/8	2	46	809001	Nut, whizlock 5/16-18	13
8	513338	Washer	2	47	603504	Spacer, tube	1
9	513336	Bushing, deck support	2	48	603581	Sheave, mower drive	1
10	808507	Ring, retaining (external)	2	49	603413	Spring, extension	1
11	805006	Washer, lock 3/8 hvy spring	2	50	603497	Pulley, idler	2
12♦	373034	Washer, pivot	13	51	803016	Screw, whizlock 3/8-16 x 1	2
13	811001	Zerk, 1/8 NPT (straight)	2	52	804257	Nut, nylock 3/8-16	2
14	303514	Bearing, flange thrust	4	53	805260	Washer, 3/8	2
15	522143	Fork, caster	2	54	513034	Bearing, pivot	4
16	800334	Capscrew, 1/2-13 x 6	2	55	602604	Idler arm assy w/bearings	1
17	805008	Washer, lock 1/2	2		602591	Arm, deck idler	1
18	804509	Nut, 1/2-13	2	56	603384	Bushing, idler pivot	2
19	513547	Spacer, front caster	2	57	602865	Idler arm, w/bearings deck drive	1
20	513648	Tire/wheel assy, 9 x 3.50-4	2		602867	Arm, deck drive idler	1
	513807	Wheel	2	58	811008	Zerk, 1/4-28 (90°)	2
	513808	Tire 9 x 3.50-4	2	59	800297	Capscrew, 3/8-16 x 2-1/4	4
	513809	Bearing	2	60	603540	Link, rear deck support	2
	513810	Bushing	4	61	803031	Nut, torque 3/8-24	2
21	612047	Cover with decal, (deck drive belt)	1	62	603299	Roller, anti scalp	6
22	602545	Cover, deck	2	63	800807	Capscrew, 3/8-16 x 4	6
23	603576	Belt, blade drive	1	64	603602	Bushing, roller	6
24	811006	Zerk, 1/4-28 (straight)	3	65	603620	Bracket, spring anchor	1
25	804510	Nut, 5/8-18 UNF	3	66	800805	Capscrew, 3/8-16 x 3 1/2	2
26	513208	Spring, disk	3	67†	602911	Baffle	2
27	513207	Sheave, blade drive	3	68	543678	Wingnut, nylock	4
28	303057	Bearing, ball 305K	6	69	602913	Baffle	1
29	513186	Housing, bearing	3	70	604621	Housing, cutter complete (center)	1
30	513188	Spacer, bearing	3		604262	Housing, cutter complete (outer)	2
31	513193	Seal, dust	3	71♦	805258	Washer, 5/16	5
32	808506	Snap ring, 2.59 x 08TK	3	72	603001	Rod, deck support	2
33	807006	Key, woodruff #61	4	73	806332	Roll pin, 1/4 x 1-1/2	2
34	603031	Spindle, outer blade	2	74	805259	Washer	4
35	603022	Spindle, center blade	1	75♦	603805	Idler	1
36	603637	Blade, 18" diameter	3	76♦	513791	Bushing	1
	603844	Blade, low lift	3	77♦	603494	Spacer	1
‡	603873	Blade, mulching	3	78♦	800302	Capscrew, 3/8-16 x 4	1
37	513435	Washer, disc spring 1/2	3	79	603414	Spring, extension	1
38	800531	Capscrew, 1/2-20 x 1 (RH)	3				
39	809035	Bolt, taptite 3/8-16 x 1	18				

‡ Requires installation of Micro-Mulch accessory for proper mulching.

† Service only. Requires (2 ea.) 809001 Ref No. 46 and (2 ea.) 800270 Ref. No. 44, for installation.

♦ These parts are available in an Idler Pulley Kit (Part No. 601806). Each kit contains one item each of the referenced item number.

60" MOWER DECK



60" MOWER DECK

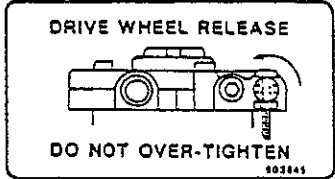
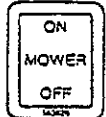
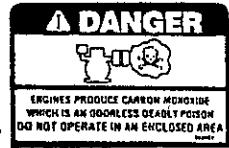
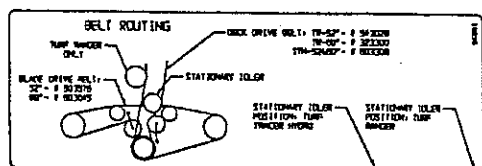
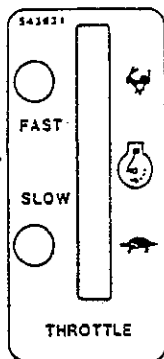
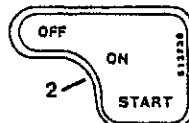
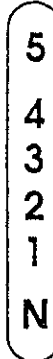
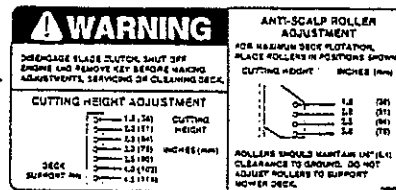
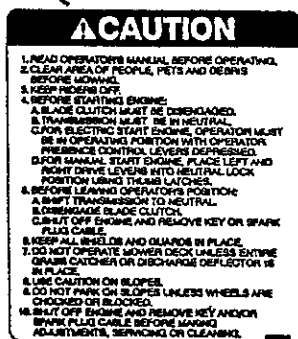
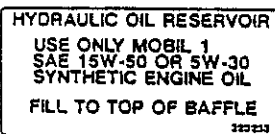
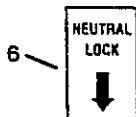
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	604847	Support, deck 602593 w/ bushings & decals	1	41	809035	Bolt, taptite 3/8-16 x 1	18
2	800292	Capscrew, 3/8-16 x 1	12	42	811008	Zerk, 1/4-28 (90°)	2
3♦	303327	Washer, disc spring 3/8	19	43	800805	Capscrew, 3/8-16 x 3.5	2
4♦	809007	Nut, whizlock 3/8-16	23	44	800297	Capscrew, 3/8-16 x 2-1/4	4
5	806006	Hairpin, 5/8	2	45	303516	Pulley, V-idler	2
6	303164	Spacer, blade driver	2	46	513034	Bearing, pivot	4
7	806007	Hairpin, 7/8	2	47	805260	Washer, 3/8 stdn flat	2
8	513338	Washer	2	48	803016	Bolt, whizlock 3/8-16 x 1	2
9	513336	Bushing, deck support	2	49	800270	Capscrew, 5/16-18 x 5/8	13
10	808507	Ring, retaining (external)	2	50	602867	Arm, deck drive idler	1
11♦	373034	Washer, pivot	13		602865	Idler arm assy, deck drive (with bearings)	1
12	303514	Bearing, flange thrust	12	51	602591	Arm, deck idler	1
13	811001	Zerk, 1/8 NPT (straight)	2		602604	Idler arm, w/bearings	1
14	522143	Fork, caster	2	52	603384	Bushing, idler pivot	2
15	800334	Capscrew, 1/2-13 x 6	2	53	603504	Spacer, tube	1
16	805008	Washer, lock 1/2	2	54	809001	Nut, whizlock 5/16-18	13
17	804509	Nut, 1/2-13	2	55	603413	Spring, extension	1
18	513547	Spacer, front caster	2	56	805006	Washer, lock 3/8 (hvy spring)	2
19	513648	Tire/whl assy, 9 x 3.50-4	2	57	603540	Link, rear deck support	2
	513807	Wheel	2	58	803031	Nut, torque 3/8-24	2
	513808	Tire 9 x 3.50-4	2	59	804257	Nut, nylock 3/8-16	2
	513809	Bearing	2	60	602962	Deck, 612003 with support rods & baffle	1
	513810	Bushing	4	61	603602	Bushing, roller	6
20	612048	Cover w/decals (deck drv belt)	1	62	603299	Roller, anti scalp	6
21	805259	Washer, 3/8	10	63	800807	Capscrew, 3/8-16 x 4 (Gr 8)	6
22	543678	Wingnut, nylon insert	4	64	542606	Chute, discharge	1
23	513291	Bumper, seat	2	65	800273	Capscrew, 5/16-18 x 1	2
24	542588	Cover, deck	2	66	804256	Nut, nylock 5/16-18	2
25	603045	Belt, blade drive	1	67	800031	Tapbolt, 3/8-16 x 2 3/4	2
26	811006	Zerk, 1/4-28 (straight)	3	68†	602911	Baffle	2
27	804510	Nut, 5/8-18 UNF	3	69♦	800302	Capscrew, 3/8-16 x 4 (Gr 5)	1
28	513208	Washer, disc spring	3	70	603497	Pulley, idler	2
29	513207	Sheave, blade drive	3	71	613024	Sheave, mower drive	1
30	303057	Bearing, ball 305K	6	72	602913	Baffle	1
31	513186	Bearing, housing	3	73♦	805258	Washer, 5/16	5
32	513188	Spacer, bearing	3	74	604262	Cutter housing, (outer, cmplt)	2
33	513193	Seal, dust	3		614025	Cutter housing, (cntr, cmplt)	1
34	808506	Snap ring, 2.59 x 08TK	3	75	603001	Rod, deck support	2
35	807006	Key, woodruff 5/8 x 3/16	4	76	806332	Roll pin, 1/4 x 1-1/2	2
36	603031	Spindle, outer blade	2	77	603620	Bracket, spring anchor	1
37	603022	Spindle, center blade	1	78♦	603805	Idler	1
38	603283	Blade, 20 1/2" diameter	3	79♦	513791	Bushing	1
	603661	Blade, low lift	3	80♦	603494	Spacer	1
±	603874	Blade, mulching	3	81	603414	Spring, extension	1
39	513435	Washer, 1/2 disc spring	3				
40	800531	Capscrew, 1/2-20 x 1 (RH)	3				

± Requires installation of Micro-Mulch accessory for proper mulching.

† Service only. Requires (2 ea.) 809001 Ref. No. 54 and (2 ea.) 800270 Ref. No. 49, for installation.

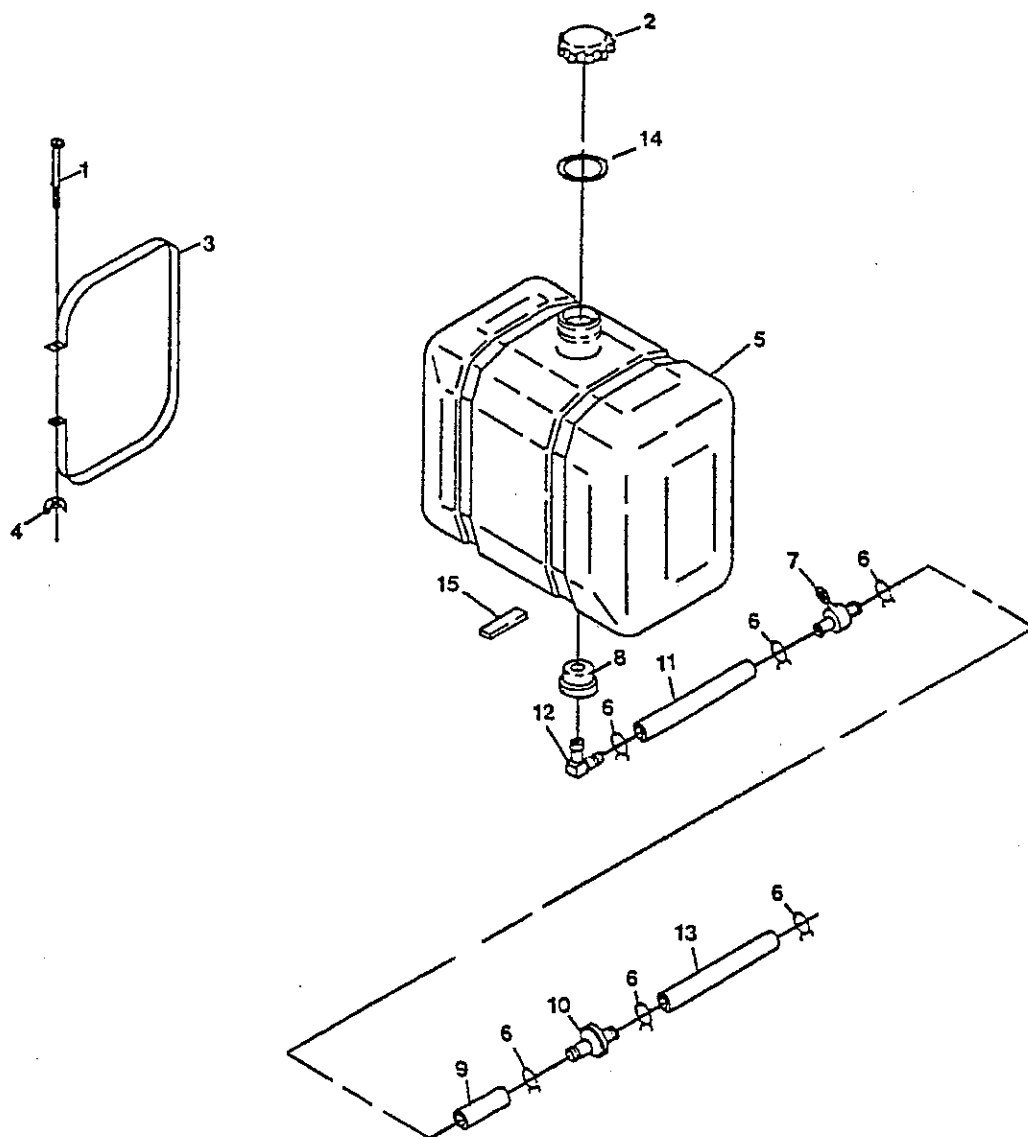
♦ These parts are available in an Idler Pulley Kit (Part No. 601806). Each kit contains one item each of the referenced item number.

DECALS



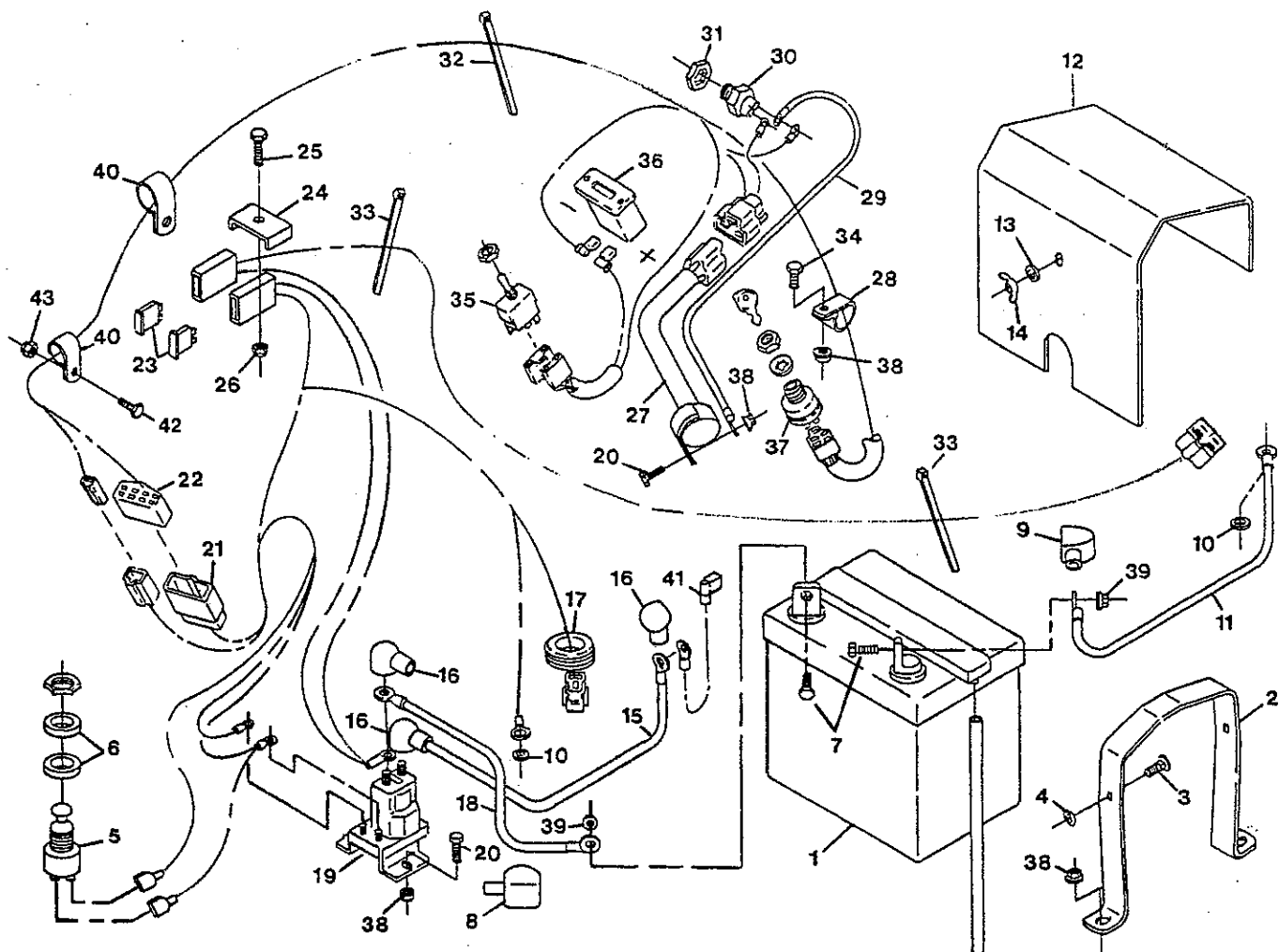
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	543774	Decal, Danger.....	1	13	303517	Decal, Belt Drive.....	1
2	513739	Decal, Ignition.....	1	14	303520	Decal, Tri-Vantage.....	1
3	543631	Decal, Throttle.....	1	15	303293	Decal, 2 Minute Cool.....	1
4	543211	Decal, Belt Route.....	1	16	613050	Decal, Commercial 60.....	1
5	543626	Decal, Mower Switch.....	1	17	513890	Decal, Hydraulic Tank.....	1
6	303102	Decal, Neutral Lock.....	2	18	613044	Decal, "Swash" (large) TTH....	1
7	603804	Decal, Shifter.....	1	19	603845	Decal, Drive Wheel Release..	1
8	403132	Decal, Commercial 52.....	1	20	613049	Decal, "Swash" (small) TTH...	1
9	303481	Decal, Carbon Monoxide.....	1	21	543660	Decal, Mower Deck.....	1
10	603350	Decal, Instructional.....	1	22	303508	Decal, Discharge Warning.....	1
11	513746	Decal, Muffler.....	1	23	403005	Danger Label.....	2
12	513747	Decal, Battery.....	1				

FUEL GROUP



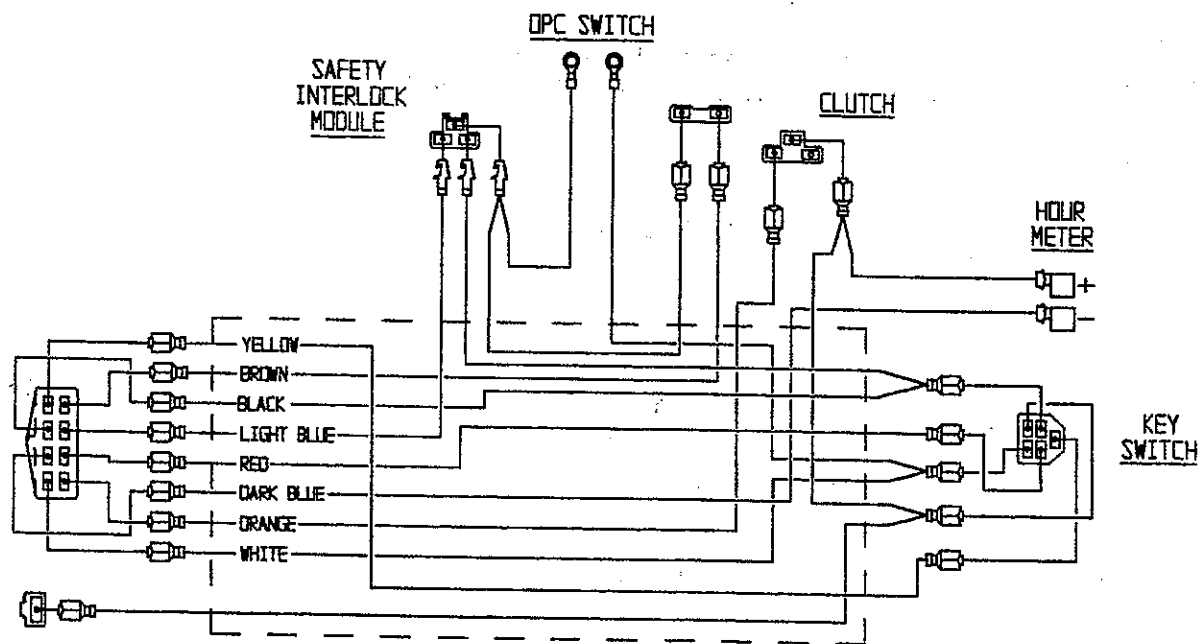
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	801062	Screw, 1/4-20 x 3.....	2	9	603776	Hose, fuel	1
2	513508	Cap, gas	1	10	303197	Filter, fuel.....	1
3	303465	Strap, 5 gal. fuel tank.....	2	11	543649	Hose, fuel	1
4	543792	Wingnut, nylock 1/4	2	12	543277	Elbow, fuel tank.....	1
5	543364	Gas tank	1	13	303306	Hose, fuel	1
6	303077	Clamp, fuel line	6	14	303321	Gasket, gas cap	1
7	603770	Valve, fuel.....	1	15	303315	Pad, fuel tank.....	2
8	513645	Bushing, fuel.....	1				

ELECTRICAL GROUP



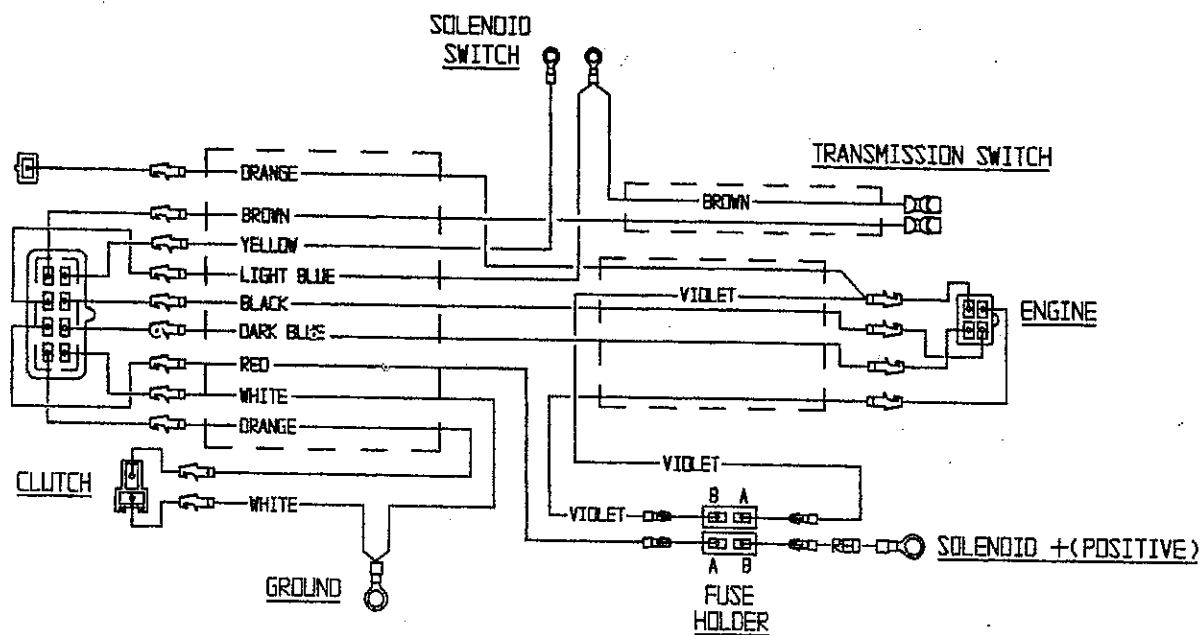
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	603479	Battery, 12V manifold	1	23	816001	Fuse, blade 20 amp	2
2	603814	Strap, battery holddown	1	24	603434	Clip, fuse block	1
3	807512	Bolt, carriage 1/4-20 x 3/4	2	25	800256	Screw, 1/4-20 x 1-1/2	1
4	803037	Nut, retaining 1/4-20	2	26	804255	Nut, nylock 1/4-20	1
5	603760	Switch, push button	1	27	513579	Module, Safety Interlock	1
6	303164	Spacer	2	28	513762	Clip, 1/2" Loom	1
7	800271	Screw, 5/16-18 x 3/4	2	29	603491	Wire, ground (module)	1
8	543391	Insulator, Battery +	1	30	303372	Operator Control Switch	1
9	543390	Insulator, Battery -	1	31	803034	Pin, nut, 9/16-18	1
10	805506	Washer, lock 5/16 (internal tooth)	2	32	303335	Plastic tie, (large)	1
11	543767	Wire, ground	1	33	303287	Plastic tie	3
12	603105	Cover, battery debris	1	34	800251	Screw, 1/4-20 x 5/8	1
13	805256	Washer, 1/4	2	35	543018	Switch, toggle	1
14	803038	Wingnut, 1/4-20	2	36	513374	Meter, engine hour	1
15	603488	Wire, battery to starter (+)	1	37	543070	Switch, ignition	1
16	543393	Insulator, solenoid	3		603511	Keys, ignition	1
17	543286	Grommet	1	38	809012	Nut, whizlock 1/4-20	6
18	513053	Wire, battery to solenoid (+)	1	39	809001	Nut, whizlock 5/16-18	2
19	513075	Switch, 12V solenoid	1	40	603727	Clip, 9/16" loom	2
20	800250	Screw, 1/4-20 x 1/2	3	41	543084	Wire, starter solenoid	1
21	613010	Harness, engine deck	1	42	800292	Screw, 3/8-16 x 1	1
22	613011	Harness, wire console	1	43	809007	Nut, whizlock 3/8-16	1

ELECTRICAL DIAGRAM



Engine Deck Wiring Diagram

NOTE: All connectors are viewed from the *wire input* side of the connector.



Console Wiring Diagram

NOTE: All connectors are viewed from the *wire input* side of the connector.

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