

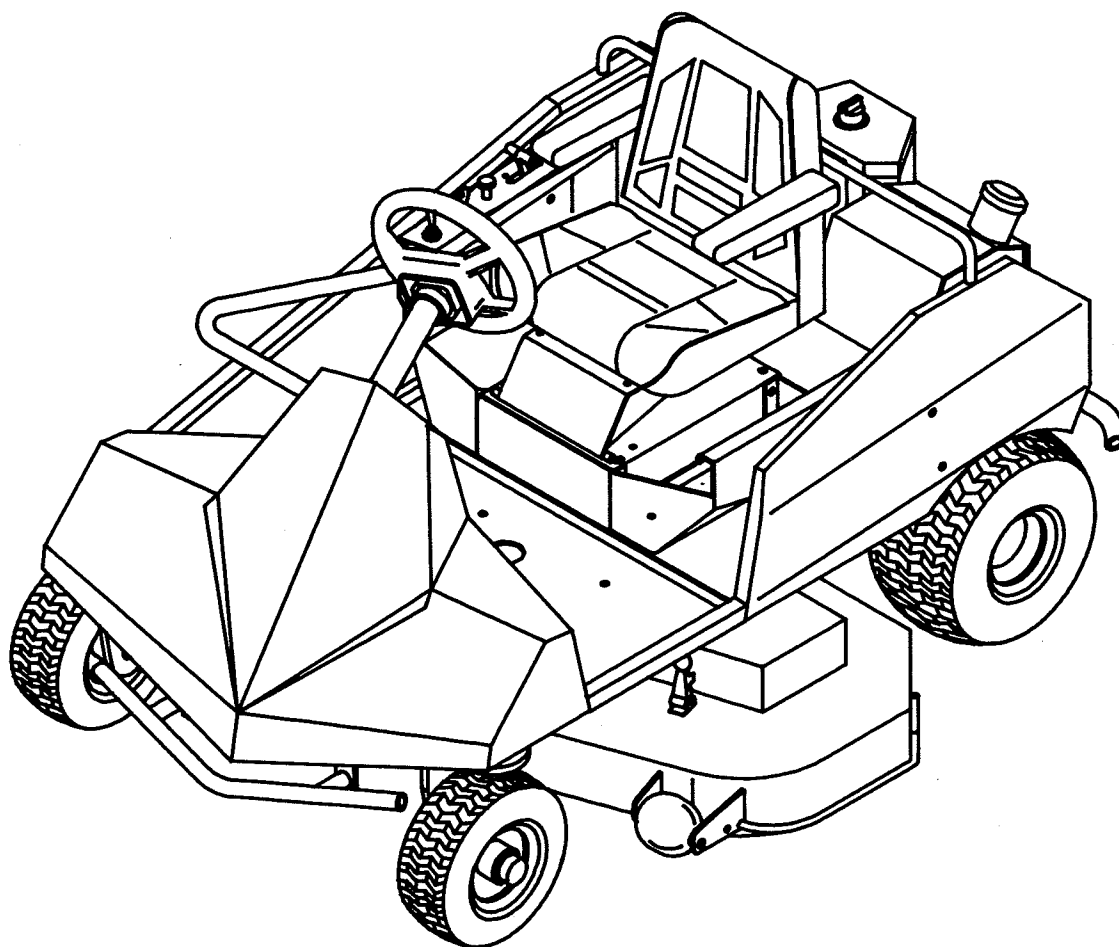
PRICE \$3.00

FERRIS

ILLUSTRATED PARTS LIST

CTR Commercial Mowers

52" & 61"



Ferris Industries, Inc.
5375 N. Main Street
Munnsville, NY 13409

Manual No. 21809
Beginning Serial No. 101
Printed in U.S.A. Jan 95



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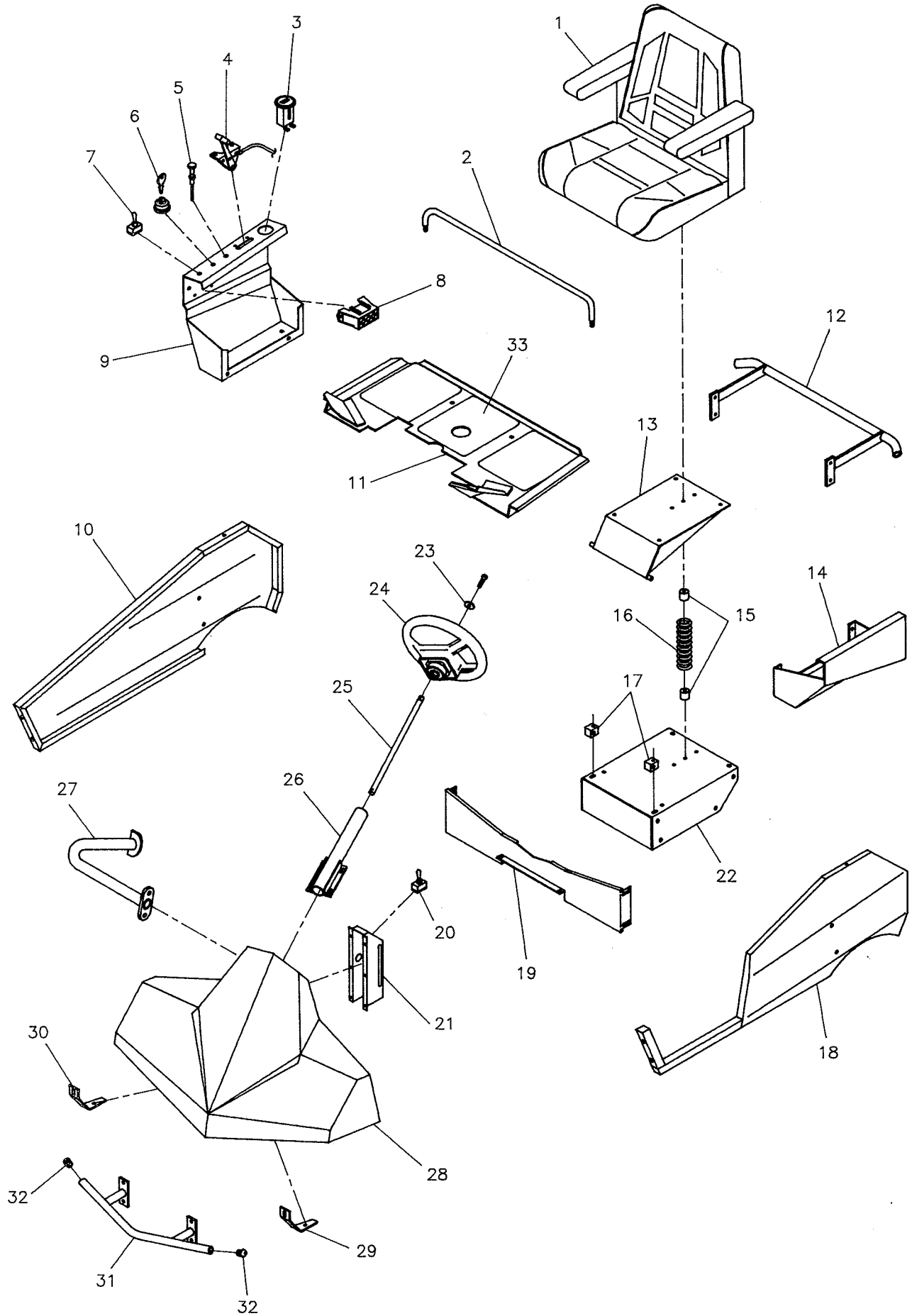
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FERRIS
MODEL SERIAL

FERRIS INDUSTRIES, INC. VERNON N. Y. 13476 MADE IN U. S. A.

NOTE: To insure that the correct parts for your machine are ordered and shipped, please be sure to use the parts book and the pages that specifically cover your machine. Whenever in doubt include the serial number of your machine along with the part number. For future reference insert serial number of your machine in the space provided above.

BODY PANEL ASSEMBLY

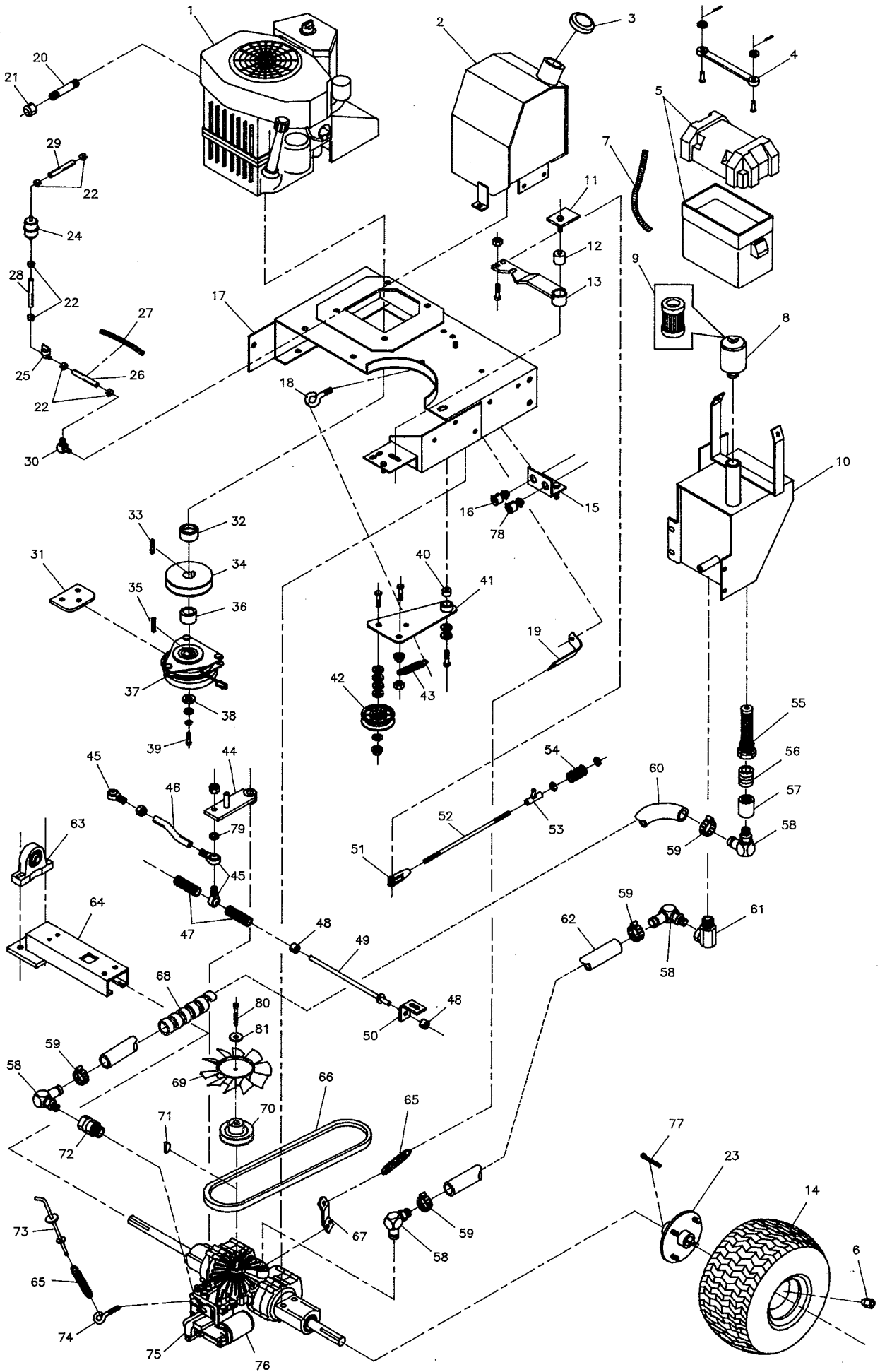


BODY PANEL ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION
1	1520930	Seat
2	1544398	Side Panel Support
3	1520060	Hour Meter
4	1520811	Throttle Cable
5	1521675	Choke Cable
6	1520836	Ignition Switch Assembly
7	1521545	Toggle Switch
8	1521518	Fuse Block
9	1530908	Control Panel Weldment
10	1530901	Side Panel Right
11	1530900	Floor Board Weldment
12	1544289	Rear Bumper Weldment
13	1544243	Seat Plate Weldment
14	1530910	Tool Box Weldment
15	1521775	Rubber Bumper
16	1521747	Seat Spring
17	1544246	Seat Mount Block
18	1530871	Side Panel Left
19	1530907	Body Gusset Weldment
20	1521734	Electric Lift Switch (Elec. Lift Only)
21	1530891	Switch Column
22	1544252	Seat Mount Plate Weldment
23	1544442	Steering Wheel Washer
24	1521735	Steering Wheel
25	1544256	Steering Shaft
26	1544304	Steering Tube Weldment
27	1544365	Side Body Arm Weldment
28	1530905	Cowl Weldment
29	1544359L	Front Cowl Mount - Left
30	1544359R	Front Cowl Mount - Right
31	1530889	Front Bumper Weldment
32	1520809	End Plug

ENGINE DECK ASSEMBLY

P.3

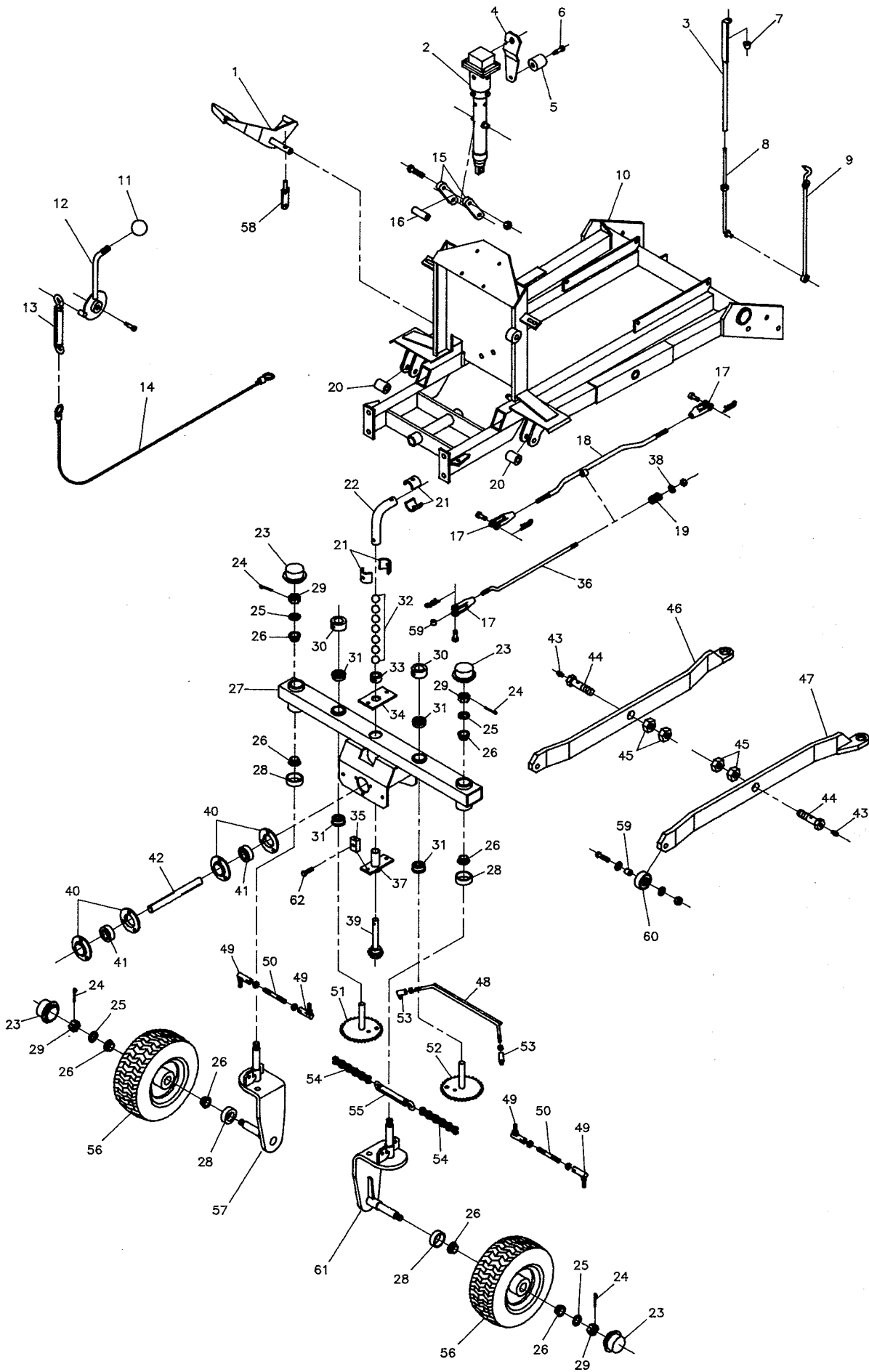


ENGINE DECK ASSEMBLY

P.4

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	1521531	20 H.P. Kohler Engine	49	1544383	Linkage Weldment
2	1544273	Fuel Tank Weldment	50	1544388	Neutral Adjusting Bracket
3	1521657	Cap	51	1520979	Clevis Assembly
4	1521670	Rubber Strap	52	1544385	Linkage Rod
5	1521666	Battery Box With Cover	53	1544327	Brake Tube Weldment
6	8820601	Lug Nut	54	1521773	Compression Spring
7	1550833-17	Wire Loom	55	1521082	Line Strainer
8	1521080	Air Filter Assembly	56	1521163	1/2" Close Nipple
9	1521080-1	Filter Element	57	1520985	1/2" NPT Pipe Coupler
10	1530886	Oil Reservoir Weldment	58	1521160	90 Degree Fitting
11	1544311	Bolt Plate Weldment	59	1521164	Hose Clamp
12	1542134	Pivot Spacer	60	1550836-16.5	Hydraulic Hose 16 1/2"
13	1544290	Neutral Lockout Weldment	61	1521132	90 Degree Fitting
14	1521094	Drive Tire	62	1550836-8.5	Hydraulic Hose 8 1/2"
15	1544277	Switch Plate Weldment	63	1521095	Pillow Block Bearing
16	1521522	Plunger Switch (Normally Open)	64	1543675	Axle Support Weldment
17	1530881	Engine Deck Weldment	65	1520639	Extension Spring
18	1525141-26	Eye Bolt	66	1521736	Belt
19	1544386	Brake Spring Holder	67	1543674	Brake Lever
20	1521707	4 1/2" Galvanized Nipple	68	1550837-13	Plastic Hose Protector
21	1521466	Oil Drain Cap	69	1521081	Fan
22	1520835	Clamp	70	1543647	Transmission Input Pulley
23	1530480	Drive Hub	71	1521084	Woodruff Key
24	1521178-3	Fuel Filter	72	1521166	Fitting
25	1521235	Fuel Shut-Off	73	1544333	Dump Valve Weldment
26	1550831-19	1/4" Gas Line 19"	74	1525189-20	Eye Bolt With Nut
27	1550833-17	1/2" Wire Loom 17"	75	1521425	Model 851-090 Transaxle
28	1550831-6	1/4" Gas Line 6"	76	1521068-1	Oil Filter
29	1550831-9	1/4" Gas Line 9"	77	1543683	Welded Key
30	1521240	Brass Fitting	78	1521737	Plunger Switch (Normally Closed)
31	1543636	Clutch Anti Rotational Pad	79	1544430	Washer
32	1542840	Shaft Spacer	80	1525268	Fan Bolt
33	1550407-10	Key 1/4" x 1/4" x 5/8"	81	1544577	Fan Washer
34	1542302	Engine Pulley			
35	1550407-1	Key 1/4" x 1/4" x 1"			
36	1542304	Engine Spacer			
37	1521145	Electric Clutch			
38	1542132	Retaining Spacer			
39	1543626	Dri-Loc Bolt			
40	1542134	Pivot Spacer			
41	1542169	Idler Arm Weldment			
42	1543627	Pulley Assembly			
43	1520807	Extension Spring			
44	1544231	Control Lever Weldment			
45	1521124	Ball Joint			
46	1544355	Lock-Out Linkage Tube			
47	1521102	Compression Spring			
48	1520047	5/16" Set Collar			

CHASSIS ASSEMBLY



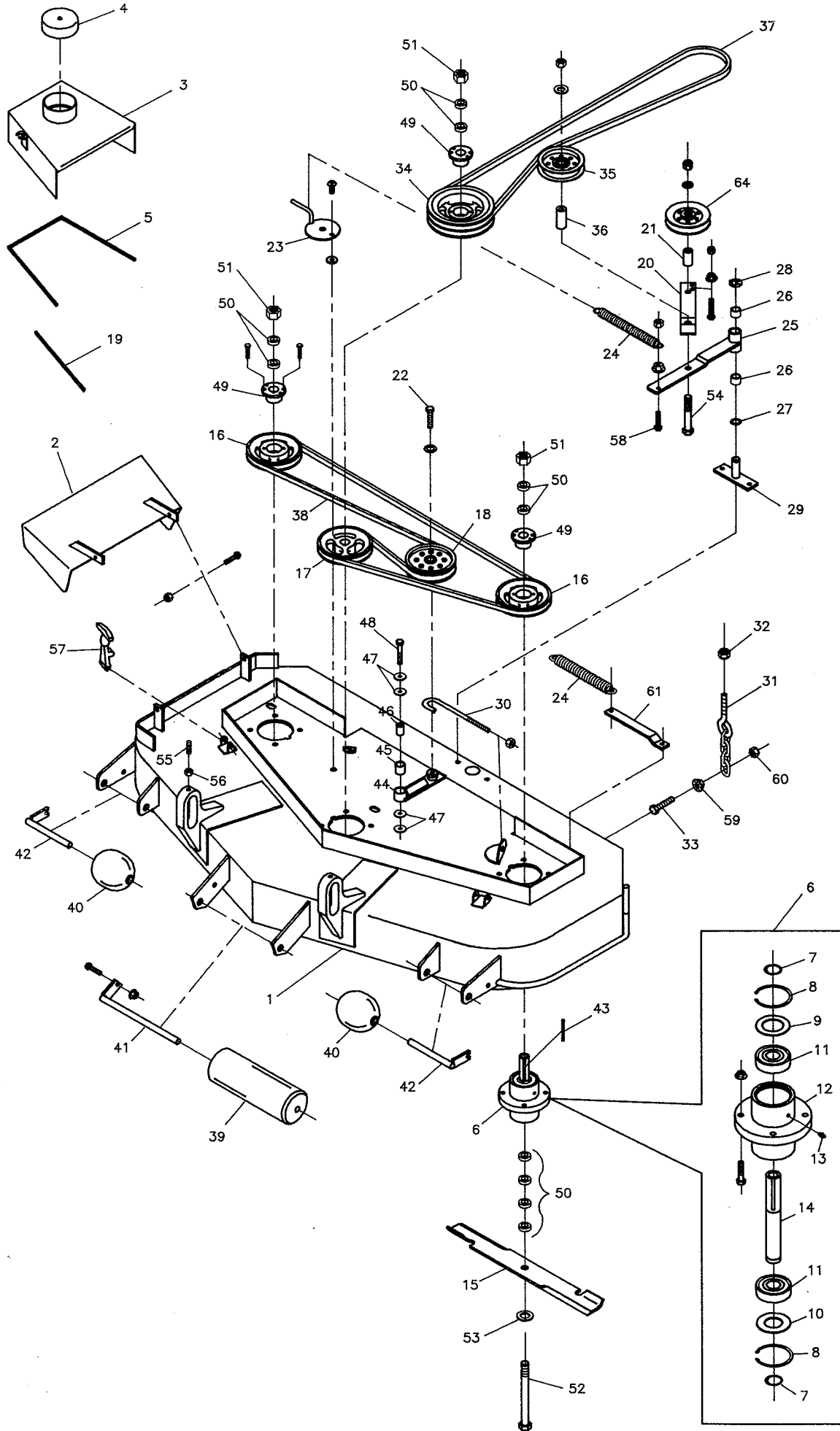
CHASSIS ASSEMBLY

P.6

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	1544382	Foot Pedel Weldment	46	1544316R	Lift Lever - Right
2	1521739	Manual Actuator	47	1544316L	Lift Lever - Left
--	1543536	Electric Actuator Assembly	48	1544330	Limiting Linkage
3	1544276	Switch Tube	49	1521635	1/2" Female Rod End
4	1544381	Crank Lever Weldment	50	1544248	Plated Tie Rod
5	1544234	Actuator Handle	51	1544312R	Large Sprocket Weldment-Right
6	1525220	Shoulder Bolt 1/2" x 1 - 1/2"	52	1544312L	Large Sprocket Weldment - Left
7	8820233	Rubber Fuller Ball	53	1520805	Ball Joint
8	1544377	Switch Rod Weldment	54	8810673	#40 Chain
9	1544419	Height Gauge Rod Weldment	--	8810674	#40 Connector Link
10	1530874	Chassis Main Weldment	55	1542090	Turnbuckle Weldment
11	1521733	Plastic Knob	56	1521731	Steering Tires With Bearings
12	1544224	Parking Brake Weldment	--	1521786	Steering Tire Only
13	1542090	Turnbuckle Weldment	--	1521787	Rim Only
14	1550832-42	1/8" Wire Rope 42" Long	57	1544229R	Yoke Weldment - Right
--	1521032	Loop Sleeve	58	1544240	Pedal Lever Weldment
--	1521033	Thimble	59	1520880	Bearing Insert
15	1544367	Actuator Mount Link	60	1520827	Bearing
16	1544366	Mount Spacer	61	1544229L	Yoke Weldment - Left
17	1521171	Cable Clevis	62	1544606	Adjustment Bolt
18	1544325	Foot Pedal Linkage			
19	1520808	Compression Spring			
20	1544369	Hanger Mount Roller			
21	1544396	Hose Clamp			
22	1544411	Steering Shaft Hose			
23	1521073	Dust Cap			
24	1525203-10	Cotter Pin			
25	1525160	Washer			
26	1520884	Bearing			
27	1530880	Front Axle Weldment			
28	1521072	Seal			
29	1525104	3/4" - 16 Nut			
30	1510114	3/4" Split Collar			
31	1521738	3/4" Flange Bearing			
32	1521752	3/4" Carbon Steel Bolt			
33	1510114	3/4" Split Collar			
34	1544373	Hold Down Plate			
35	1544301	Threaded Block			
36	1544387	Speed Limiting Linkage			
37	1544608	Center Mount Assembly			
38	1544430	Washer			
39	1544321	Small Sprocket Shaft Weldment			
40	1521746	3 Bolt Flange			
41	1521743	Bearing			
42	1544233	Pivot Shaft			
43	1521728	Press-in Grease Fitting			
44	1544368	Pivot Bolt			
45	1525093	3/4" - 16 Jam Nut			

52" CUTTER DECK ASSEMBLY

P.7



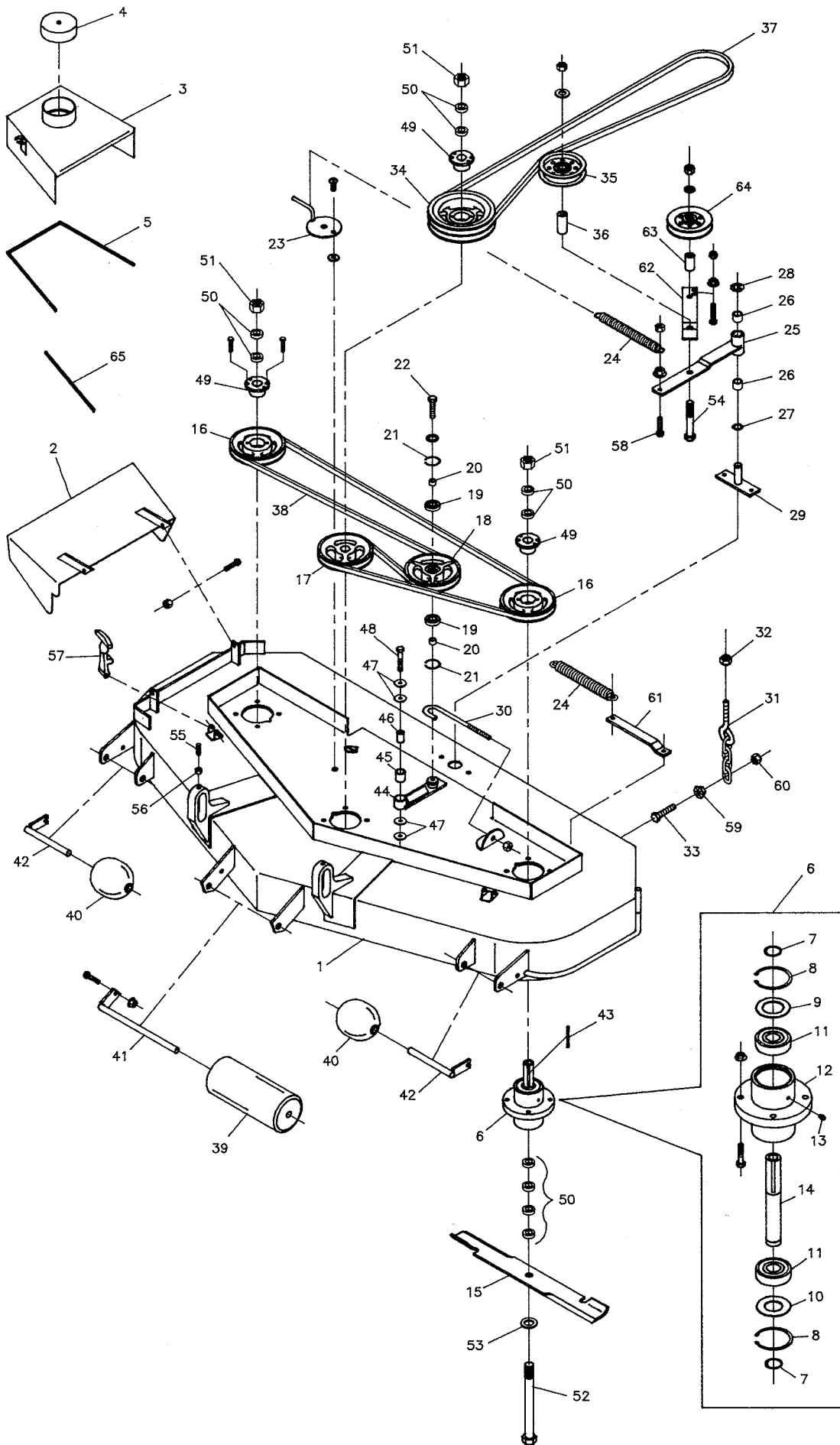
CTR 52" CUTTER DECK ASSEMBLY

P.8

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	1530934	Cutter Deck Weldment	47	8825164	5/16" Fender Washer
2	1544514	Discharge Chute	48	8825011-16	5/16" - 18 x 2" GD 5 Bolt
3	1530940R	Deck Guard-Right	49	1520819	Tapered Hub
--	1530940L	Deck Guard-Left (Not Shown)	50	1541477	Spindle Spacer
4	1521674	Black Vinyl Cap	51	1525040	5/8" - 11 Hex Nut
5	1550853-30	Body Molding	52	1525019-76	5/8" - 11 x 9 1/2" GD 5 Bolt
6	1530301	Spindle Assembly Complete	53	1525159	5/8" SAE Flat Washer
7	1520864	Snap Ring	54	1525017-32	1/2" - 13 x 4.00" GD 5 Bolt
8	1520866	Snap Ring	55	1525063-10	3/8" - 16 x 1 1/4" Set Screw
9	1541653	Spindle Washer	56	8825034	3/8" - 16 Hex Nut
10	1541672	Spindle Washer	57	1520841-4	Rubber Latch
11	1520828	Bearing	58	1525011-10	5/16" - 18 x 1 1/4" GD 5 Bolt
12	1530293	Spindle Housing	59	8825129	7/16" - 14 Serrated Flange Nut
13	1520095	Grease Fitting	60	1525125	7/16" - 14 Nylon Lock Nut
14	1541480	Spindle Shaft	61	1544468	Spring Anchor
15	1521227	18" Mower Blades	62	1544462	Rocker Arm
16	1520814	Pulley			
17	1541478	Pulley			
18	1521096	Idler Pulley			
19	1550853-14	Body Molding			
20	1521225	Idler Pulley			
21	1544463	Rocker Arm Pivot			
22	1525018-14	1/2" - 20 x 1 3/4" GD 5 Bolt			
23	1544518	Spring Tension Base			
24	1521103	Extension Spring			
25	1544467	Tension Arm Weldment			
26	1520875	Bushing			
27	1525520-3	Shim			
28	1520863	C-Clip			
29	1543930	Tension Pivot			
30	1541671	J-Bolt			
31	1544410	Deck Chain Weldment			
32	1544427	Height Adjustment Nut			
33	1525133-16	7/16" - 14 x 2" GD 5 Bolt			
34	1520814	Spindle Pulley			
35	1521002	Idler Pulley			
36	1544463	Rocker Arm Pivot			
37	1521063	Drive Belt			
38	1521297	Cutter Deck Belt			
39	1520785	Roller			
40	1521745	Small Roller			
41	1541655	Roller Pin			
42	1544305	Small Roller Pin			
43	8850407-9	1/4" x 2 1/2" key			
44	1541622	Idler Arm Weldment			
45	1520876	Bushing			
46	1542134	Spacer			

61" CUTTER DECK ASSEMBLY

P.9

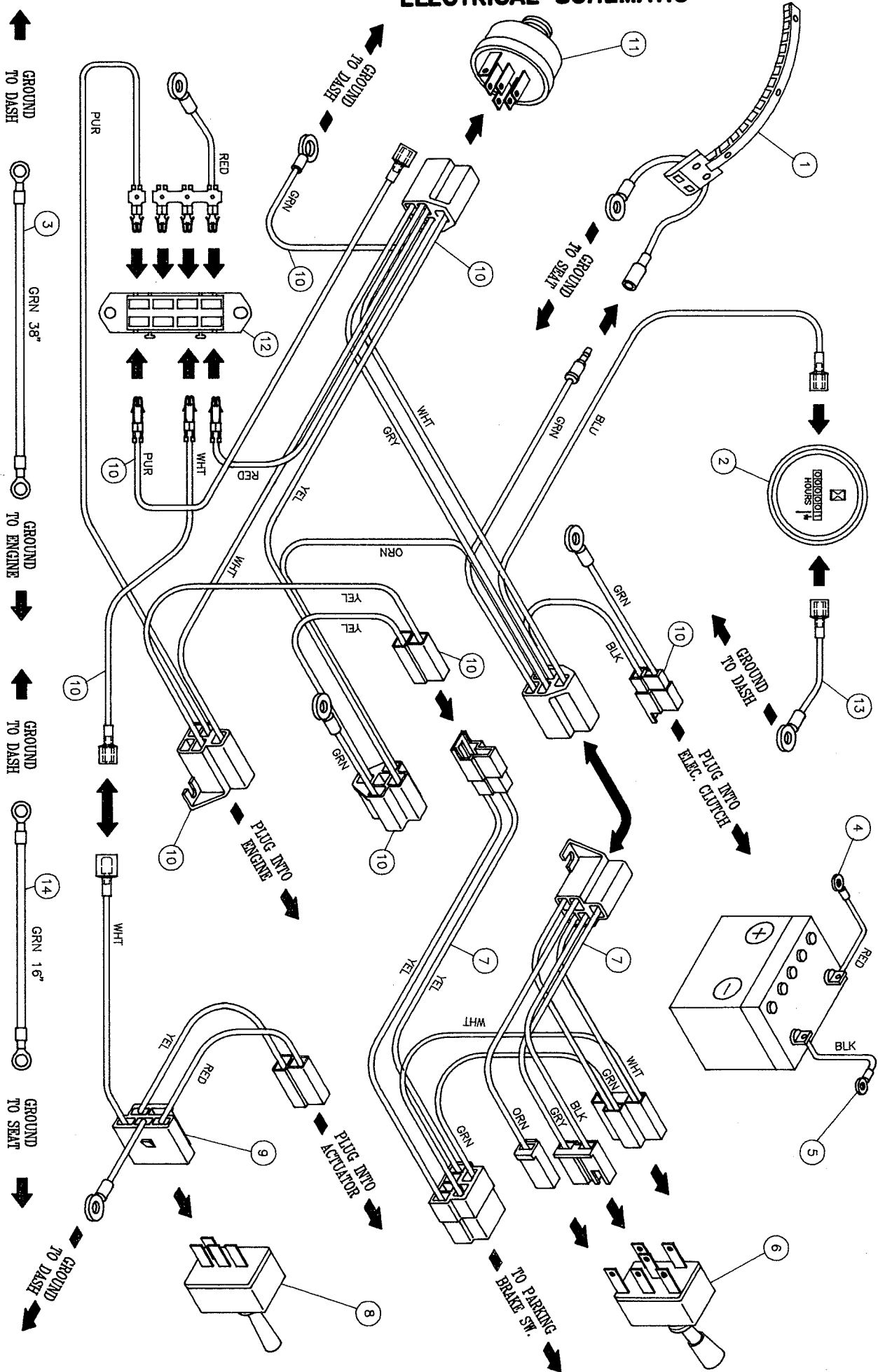


CTR 61" CUTTER DECK ASSEMBLY

P.10

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	1530877	Cutter Deck Weldment	46	1542134	Spacer
2	1530883	Discharge Chute	47	8825164	5/16" Fender Washer
3	1530893R	Deck Guard - Right	48	8825011-16	5/16" - 18 x 2" GD 5 Bolt
--	1530893L	Deck Guard - Left (Not Shown)	49	1520819	Tapered Hub
4	1521674	Black Vinyl Cap	50	1541477	Spindle Spacer
5	1550853-30	Body Molding	51	1525040	5/8" - 11 Hex Nut
6	1530301	Spindle Assembly Complete	52	1525019-76	5/8" - 11 x 9 1/2" GD 5 Bolt
7	1520864	Snap Ring	53	1525159	5/8" Flat Washer
8	1520866	Snap Ring	54	1525017-32	1/2" - 13 x 4" GD 5 Bolt
9	1541653	Spindle Washer	55	1525063-10	3/8" - 16 x 1 1/4" Set Screw
10	1541672	Spindle Washer	56	8825034	3/8" - 16 Hex Nut
11	1520828	Bearing	57	1520841-4	Rubber Latch
12	1530293	Spindle Housing	58	1525011-10	5/16" - 18 x 1 1/4" GD 5 Bolt
13	1520095	Grease Fitting	59	8825129	7/16" - 14 Serrated Flange Nut
14	1541480	Spindle Shaft	60	1525125	7/16" - 14 Nylon Lock Nut
15	1520842	Blade	61	1544468	Spring Anchor
16	1520814	Pulley	62	1544462	Rocker Arm
17	1541478	Pulley	63	1544463	Rocker Arm Pivot
18	1530819	Idler Pulley Assembly Complete	64	1521225	Idler Pulley
--	1541481	Idler Pulley Only	65	1550853-14	Body Molding
19	1520827	Bearing			
20	1520870	Bearing Insert			
21	1520865	Snap Ring			
22	1525018-14	1/2" - 20 x 1 3/4" GD 5 Bolt			
23	1544518	Spring Tension Base			
24	1521103	Extension Spring			
25	1544467	Tension Arm Weldment			
26	1520875	Bushing			
27	1525520-3	Shim			
28	1520863	C - Clip			
29	1543930	Tension Pivot			
30	1541671	J - Bolt			
31	1544410	Deck Chain Weldment			
32	1544427	Height Adjustment Nut			
33	1525133-16	7/16" - 14 x 2" GD 5 Bolt			
34	1521091	Double Pulley			
35	1521002	Idler Pulley			
36	1543366	Pulley Spacer			
37	1521753	Belt - Engine #10 Deck			
38	1520824	Belt			
39	1520785	Roller			
40	1521745	Small Roller			
41	1541655	Roller Pin			
42	1544305	Small Roller Pin			
43	8850407-9	1/4" x 2 1/2" Key			
44	1541622	Idler Arm Weldment			
45	1520876	Bushing			

ELECTRICAL SCHEMATIC

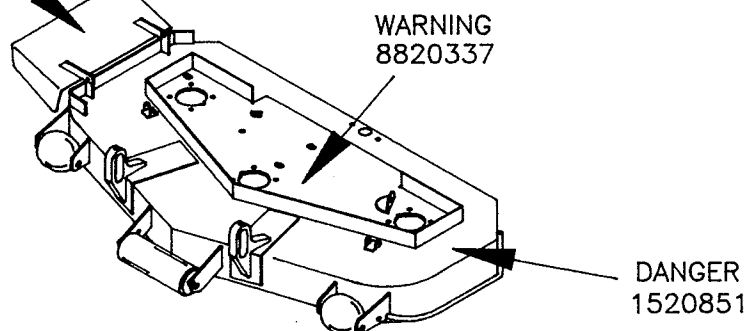
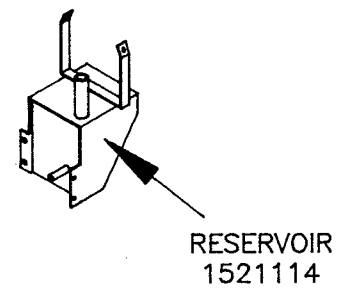
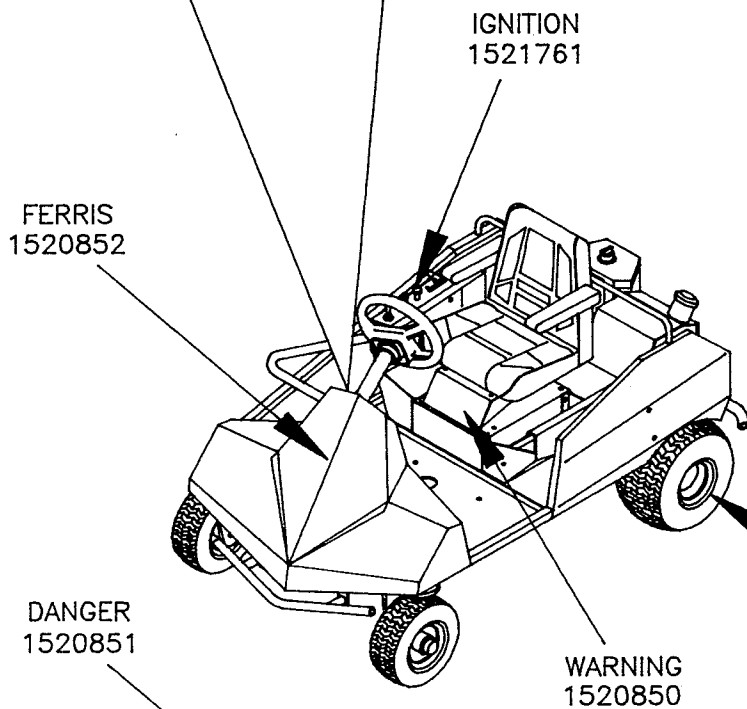
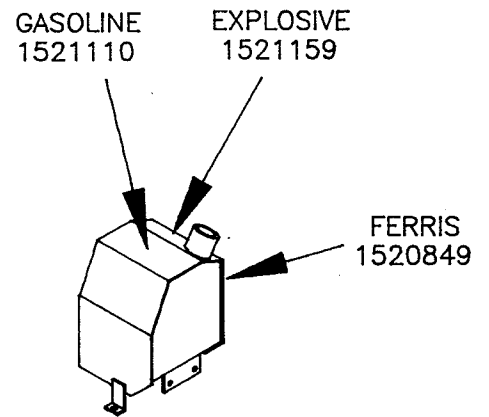
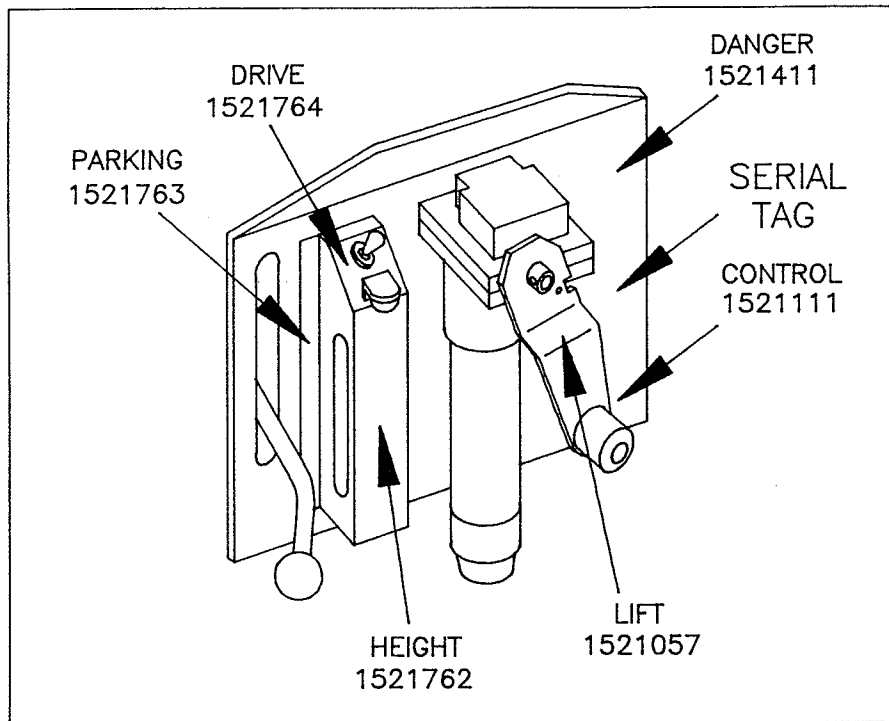


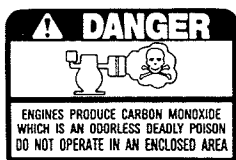
CTR WIRING SCHEMATIC

P.12

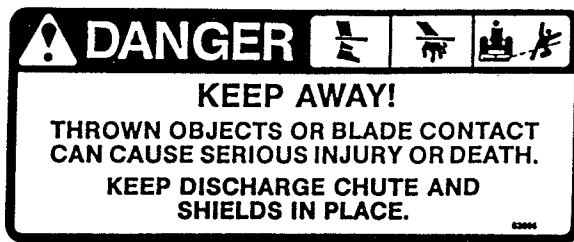
REF. NO.	PART NO.	DESCRIPTION
1	1542100	Seat Switch Assembly
2	1520060	Hour Meter
3	1544485	Dash Panel GRD Assembly
4	1521405	Positive Battery Cable
5	1521406	Negative Battery Cable
6	1521545	Electric Clutch Switch
7	1544480	Clutch/Broke Jumper Harness
8	1521734	Actuator Lift Switch
9	1544479	Relay/Clutch Harness
10	1544489	CTR Main Harness
11	1520927	Key Switch
12	1521518	Fuse Block
13	1544484	Hour Meter GRD Assembly
14	1544486	Seat GRD Assembly

DECAL PLACEMENT





1521411



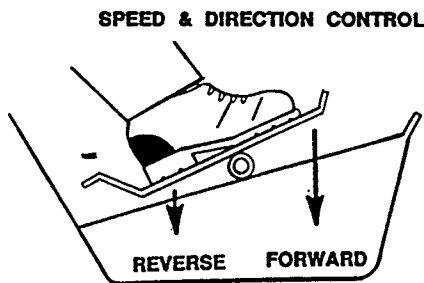
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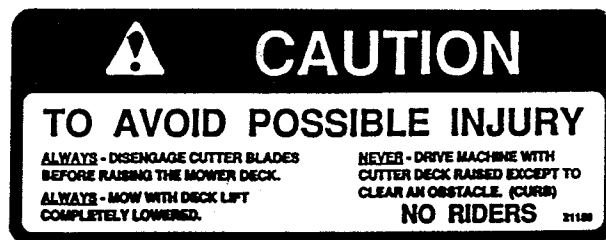
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1521761



1521111



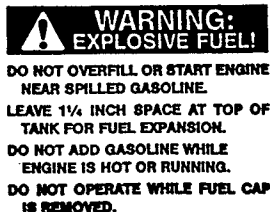
1521158

FERRIS

GASOLINE ONLY !!!

1520849

1521110



1521159

MOWER LIFT
1521057



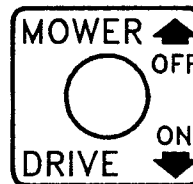
8820337

HYDRAULIC OIL RESERVOIR

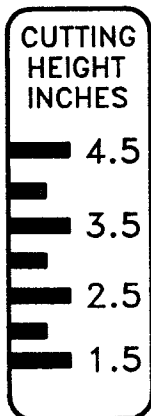
PREMIUM HYDRAULIC OIL MOBIL DTE-26
OR
ENGINE CRANKCASE OIL S.A.E. 20W-20

NEVER FILL OIL RESERVOIR MORE THAN 3/4 FULL

1521114



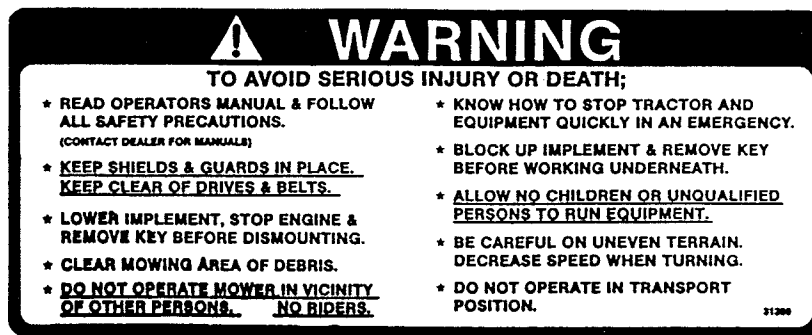
1521764



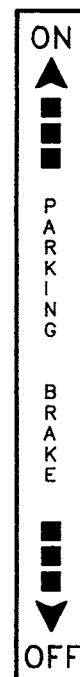
1521762

15 ps.i.

1521153



1520850



1521763

