

**OWNER'S MANUAL**  
**SI 36" - 11 H.P. RIDING MOWER**  
**MODEL 3560-2400**

**WARRANTY**

**Lawn Mower Division Warranty Policy**

**ONE YEAR LIMITED WARRANTY**

For one (1) year from date of purchase by the first consumer for residential use (thirty (30) days commercial use), Lawn Mower Division warrants that it will replace free of charge, including labor, any original part of any Lawn Mower Division product found to be defective by any authorized Service Dealer or the factory, except the battery which is warranted for ninety (90) days from date of purchase.

This warranty does not cover engines, transmissions, transaxles or differentials (these items are covered by their manufacturer's own warranty). This warranty does not cover parts that have failed due to normal wear or parts that have failed subject to misuse or abuse. Transportation of the unit or parts to and from an authorized Service Dealer or the factory is the responsibility of the owner.

A step by step explanation as to what procedure should be followed for this Warranty is:

1. If a part becomes defective, contact the store where the unit was purchased for the name and address of the authorized Service Dealer nearest to you.
2. If you cannot locate an authorized Service Dealer, write Service Department of Lawn Mower Division, for the name and address of the authorized Service Dealer in your area.
3. Return the defective product, along with proof of purchase to such authorized Service Dealer for replacement of any defective part where covered by this warranty.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose are limited to one (1) year from date of purchase. Liability for incidental or consequential damages are excluded.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Lawn Mower Division                      P.O. Box 377                      Des Moines, Iowa 50302

**UNIT PARTS AND SERVICE**

This manual contains instructions for safety, assembly and maintenance. Familiarize yourself with its contents. Also, fill in and mail the warranty registration card packed with the unit. For service other than covered in this manual, contact an authorized service dealer. A list of authorized parts and service dealers for your area has been furnished to the retail dealer where you purchased your unit. A nationwide parts and service organization has been established to provide locally available parts and service. When ordering repair parts always give the following information: 1. The Part Name; 2. The Part Number; 3. The Quantity desired; 4. The Full Model Number of the unit. The model number will be found on a plate attached to the unit.



Look for this symbol. It means — **ATTENTION! BECOME ALERT! A HAZARD TO OPERATOR, BYSTANDERS, PROPERTY OR UNIT MAY EXIST.**



LAWN MOWER DIVISION  
P.O. BOX 377  
DES MOINES, IOWA 50302

## OWNER'S INFORMATION

Record the following information about your unit so that you will be able to provide it in case of loss or theft.

PURCHASE DATE \_\_\_\_\_ MODEL NO. **3804-0000** CODE NO. \_\_\_\_\_

DEALER'S NAME & ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ TELEPHONE \_\_\_\_\_

### WARNING

This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable state or local laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator.

### CONTENTS OF SHIPPING CARTON

1. 36 Inch Riding Mower
1. Steering Wheel (with roll pin partially installed)
1. Engine Manual

### TOOLS REQUIRED FOR ASSEMBLY

1. 1/2 inch Wrench (or adjustable wrench)
1. 7/16 inch Wrench (or adjustable wrench)
1. Hammer (plastic or rawhide preferred)

### ⚠ DANGER ⚠

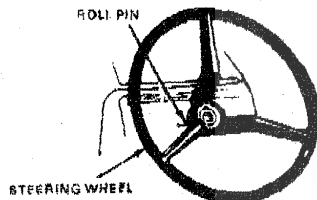
The operation of any powered equipment can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while assembling or operating power equipment.

## ASSEMBLY

### STEERING WHEEL ASSEMBLY

1. Position front wheels straight forward.
2. Push steering wheel (figure 1) onto steering shaft.
3. With one spoke of steering wheel straight up, align cross holes in steering wheel with holes in steering shaft.
4. Drive roll pin through holes with hammer.

Figure 1



### TO ACTIVATE BATTERY

1. Raise seat and remove battery ground cable (black) from battery negative terminal (figure 2) and tie back.
2. Remove positive battery cable (red) from battery positive terminal (figure 2) and tie back.

### ⚠ CAUTION ⚠

When removing battery cables from battery, remove negative (black) cable first. When installing cables onto battery, install positive (red) cable first. When connecting or disconnecting either cable, be sure that wrench does not touch any metal surface or both terminals as damage to electrical system could result.

3. Remove two wingnuts from battery hold-down bracket (figure 2). Remove bracket and unhook battery hold-down rods.

4. Lift battery out of unit.

5. Fill battery with electrolyte battery acid available at most service stations or auto supply stores (follow instructions outlined on electrolyte package).

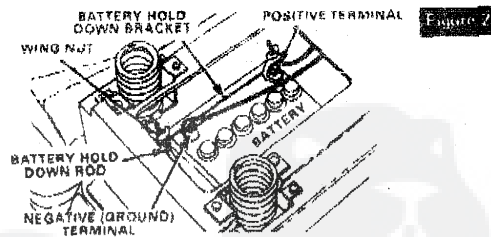
### ⚠ DANGER ⚠

Handle electrolyte with care. It is an acid and can be dangerous. Do not smoke while servicing battery.

6. Allow battery to set for 20 minutes after filling. Battery will usually be strong enough to start engine if battery charger is not available.

7. For best battery life and service, battery should be trickle charged at two (2) to three (3) Amps overnight. NOTE: Battery can be boost charged at seven (7) Amps for thirty (30) minutes if closely monitored to make sure acid does not boil over.

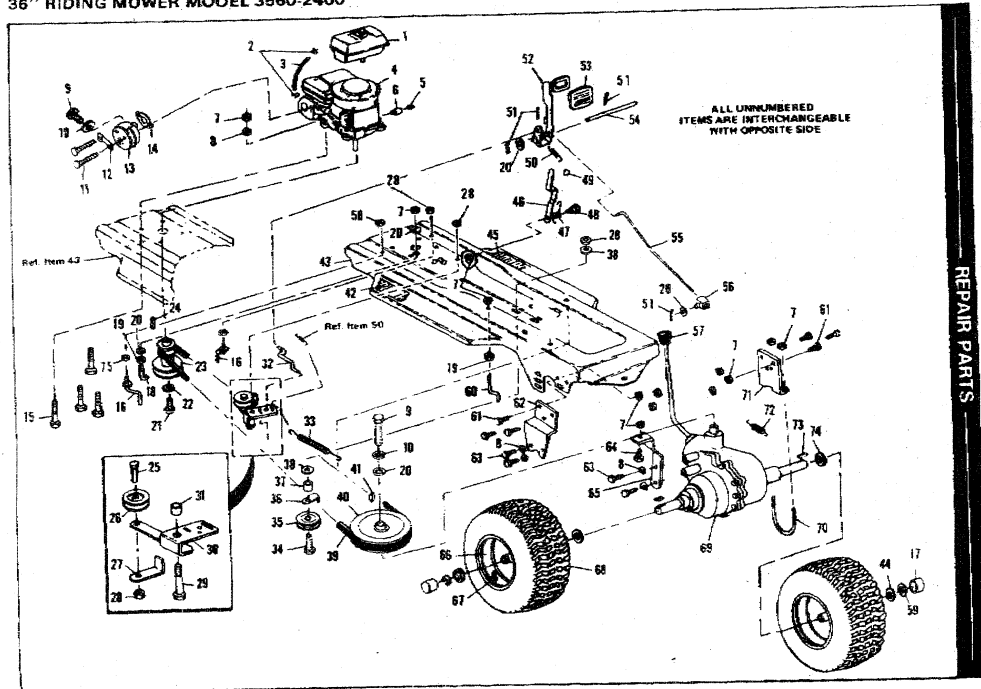
8. Replace battery and be sure cables are correctly installed (red cable goes to positive (+) post).



### TO SERVICE ENGINE

1. Place unit so engine is in a level position.
2. Fill engine crankcase with oil. See Engine Operation and Maintenance Manual for proper procedure.
3. Replace oil fill cap (figure 3) and tighten securely.
4. Fill gas tank (figure 3) with clean, fresh, unleaded automotive gasoline. Low-lead or regular gasoline is an acceptable substitute. Do not use Ethyl or high octane gasoline. Be certain container is clean and free from rust or foreign particles. Never use gasoline that may be stale from long periods of storage in the container.

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62300 Eng/3560-24 Eng/4-7-82/RR-RD

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ALWAYS GIVE THE FOLLOWING INFORMATION WHEN ORDERING REPAIR PARTS:  
 1. The PART NUMBER. 2. The PART NAME. 3. QUANTITY DESIRED. 4. The MODEL NUMBER—(As shown on Model Plate)  
 SEND PART ORDERS AS PER INSTRUCTIONS ON THE FRONT PAGE  
 YOUR UNIT IS RIGHT HAND (RH) OR LEFT HAND (LH) AS YOU STAND BEHIND IT  
 DO NOT USE KEY NUMBERS WHEN ORDERING REPAIR PARTS. ALWAYS USE PART NUMBERS.  
 All replacement parts will be supplied in current production colors or in a neutral color.  
 A handling fee is applicable to small parts orders.

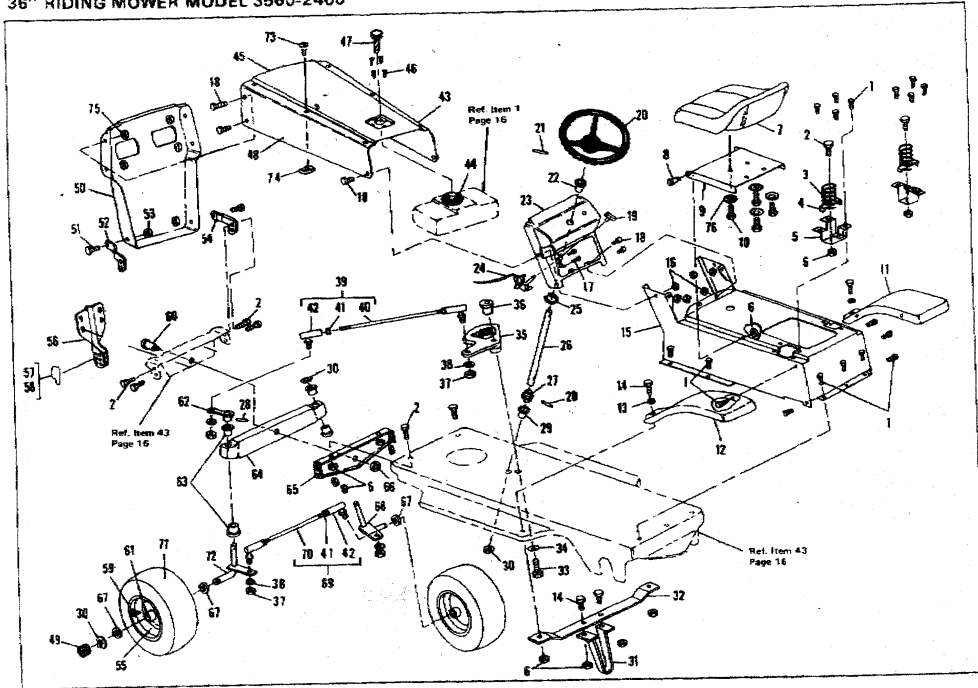
Key No.	Part No.	Description	Key No.	Part No.	Description	Key No.	Part No.	Description
1	48812	Gas Tank	26	9413534	Locknut, Hex, 3/8-16 Thd	53	48761	Rubber Pad, Brake Pedal
2	41008	Clip, Gas Line	29	28928	Shoulder Bolt	54	43956	Shaft, Brake-Clutch Pedal
3	50118	Gas Line	30	46848	Arm, Drive Idler	55	49654	Rod, Brake
4	Engine	See Footnote Below	31	43953	Spacer	56	49653	Pivot Block
5	23700	Pipe Plug, 1/2 In.	32	43980	Rod, Clutch	57	29463	Knob, Gear Shift
6	43989	Oil Drain Tube	33	49276	Spring, Main Drive	58	41529	Nut, Hex Jam, 1/2-16 Thd
7	9413447	Locknut, Hex, 5/16-18 Thd	34	122267	*Screw, Hex Hd, 3/8-16 x 3 In.	59	36625	"E" Ring, 3/4 In.
8	120628	Lockwasher, Split, 5/16 In.	35	40223	Pulley, Backside Idler	60	43991	Belt Guide, Transaxle Pulley
9	180020	*Screw, Hex Hd, 1/2-20 x 1/2 In.	36	39314	Retainer, Drive Belt, Backside Idler	61	120228	*Screw, Hex Hd, 5/16-18 x 5/8 In.
10	120380	*Flatwasher, Split, 1/2 In.	37	49649	Spacer, Backside Idler	62	49651	Bracket, Axle, L.H.
11	173063	*Screw, Hex Hd, 5/16-18 x 3/8 In.	38	120394	*Flatwasher, 3/8 In.	63	180080	*Screw, Hex Hd, 5/16-18 x 1 1/8 In.
12	Engine Part		39	50737	V-Belt	64	122007	*Screw, Hex Hd, 5/16-18 x 1/2 In.
13	49993	Muffler	40	52199	Pulley, Transaxle	65	49652	Bracket, Stabilizing
14	Gasket, Muffler (Engine Part)		41	431787	Key, Woodruff, No. 61	66	41105	Wheel
15	122040	*Screw, Hex Hd, 5/16-18 x 1 1/4 In.	42	52317	Main Frame	67	24167	Valve Stem
16	50553	Belt Guide, Blade Drive	43	52708	Flatwasher	68	41105	Tire
17	40394	Hub Cap	44	42815	Foot Pad, Right	69	Transaxle	See Warranty Page 13
18	49896	Belt Guide, Transmission Drive Belt	45	52316	Foot Pad, Left	70	40124	"U" Bolt
19	271184	Nut, Hex, Kept, 5/16-18 Thd	46	50890	Arm, Parking Brake	71	49650	Bracket, Axle, R.H.
20	120386	*Flatwasher, 1/2 In.	47	43968	Spring, Parking Brake	72	39395	Spring, Brake Return
21	120567	*Screw, Hex Hd, 7/16-20 x 1 1/2 In.	48	40974	Shoulder Bolt, Parking Brake	73	39628	Key, 3/16 x 3/16 x 2 1/2 In.
22	120383	*Lockwasher, Split	49	68585	Decal, Parking Brake	74	642	Flatwasher
23	52418	Pulley, Engine	50	50562	Spring, Clutch Pedal	75	271190	Nut, Kept, 3/8-16 Thd
24	33200	Key, Engine Pulley	51	121222	*Pin, Cotter, 3/32 x 1/2 In.			
25	120918	*Screw, Hex Hd, 3/8-16 x 1 1/2 In.	52	52640	Brake Pedal Assembly			
26	35374	Pulley, Idler						
27	39658	Belt Retainer						

\*Standard Hardware Items - May Be Purchased Locally.

Replacement engines and parts are obtainable from Engine Manufacturer's authorized Service Stations who are also to be contacted in regard to the Engine Warranty. See your Engine Manual for location of these stations.

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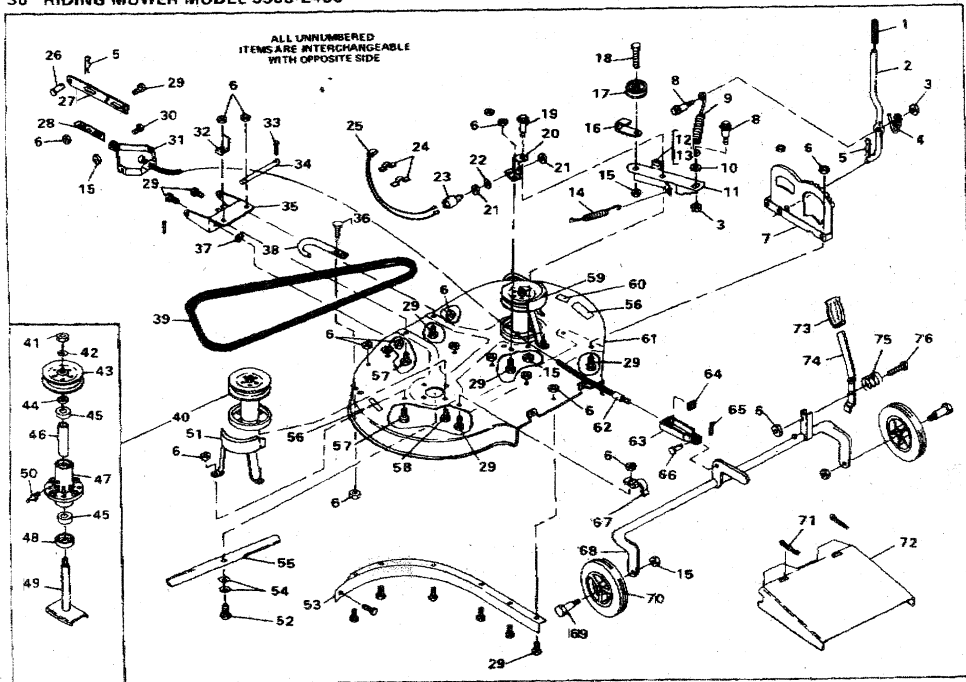
36" RIDING MOWER MODEL 3560-2400

Key No.	Part No.	Description	Key No.	Part No.	Description	Key No.	Part No.	Description
1	995346	*Screw, Tapite, 1/4-20 x 1/2 In.	27	44009	Pinion Gear	53	9413534	Locknut, 3/4-16 Thd
2	120228	*Screw, Hex Hd, 5/16-18 x 1/2 In.	28	454555	Roll Pin	54	47852	Bracket, Grille Support, R.H.
3	49335	Spring, Seat	29	39580	Bearing, Steering	55	39829	Wheel w/Bearing
4	49339	Clip, Spring	30	36625	"E" Ring	56	50719	Bracket, Deck Hanger
5	49735	Bracket, Spring Support	31	44500	Bracket, Deck Guide	57	68583	Decal, Hanger, L.H.
6	9413447	Locknut, Hex, 3/16-18 Thd	32	43964	Bracket, Deck Guide Support	58	68584	Decal, Hanger, R.H.
7	52656	Seat	33	39573	Screw, Hex Hd Lock, 1/4-24 x 1 In	59	24167	Valve Stem
8	20507	Shoulder Bolt	34	2483	Spring Washer	60	50720	Shoulder Bolt, Axle Pivot
9	49736	Seat Bracket	35	44010	Sector Gear	61	39979	Bearing
10	120634	*Screw, Hex Hd, 5/16-18 x 1 1/2 In	36	44011	Shoulder Bolt, Sector Gear	62	49447	Arm, Steering
11	49536	Fender, R.H.	37	120369	*Nut, Hex, 1/2-24 Thd	63	50546	Bearing, Spindle
12	49637	Fender, L.H.	38	120382	*Lockwasher, Split, 3/4 In.	64	44062	Front Axle Assembly
13	446363	*Flatwasher, 5/16 In.	39	44059	Drag Link Assembly	65	43988	Bracket, Front Axle Support
14	122017	*Screw, Hex Hd, 5/16-18 x 1 In.	40	44060	Drag Link	66	274654	Locknut, Hex, 1/4-20 Thd
15	50060	Console Assembly	41	124925	Nut, Hex, 1/4-24 Thd	67	642	Flatwasher
16	9424215	Locknut, Hex, 1/4-20 Thd	42	21275	Ball Joint	68	48844	Spindle, Right
17	35287	Screw, Tapite, No. 8-32 x 3/8 In.	43	46176	Side Panel, Hood, R.H.	69	48762	Tie Rod Assembly
18	48900	Screw, Hex Wash. Hd, 1/4-20 x 1 In.	44	44843	Pad, Vibration	70	43764	Tie Rod
19	39486	Knob, Throttle Control Lever	45	48635	Hood	71	41108	Tire
20	47083	Steering Wheel	46	49050	Screw, Plastite, 1/4-10 x 1/2 In.	72	48845	Spindle, Left
21	456836	Roll Pin	47	50988	Gas Gauge	73	9422616	*Screw, No. 10-16 x 1/2 In.
22	39432	Bearing, Steering	48	46295	Side Panel, Hood, L.H.	74	46182	Nut, Tinnerman, No. 10-16
23	50077	Dash Assembly	49	40094	Hub Cap	75	50352	Locknut, 1/2-20 Thd.
24	50117	Lever, Throttle Control	50	52761	Grille	76	120638	Lockwasher, Split, 5/16 In.
25	39492	Retaining Ring	51	120233	*Screw, Hex Hd, 3/4-16 x 1 In.			
26	44008	Shaft, Steering	52	47851	Bracket, Grille Support, L.H.			

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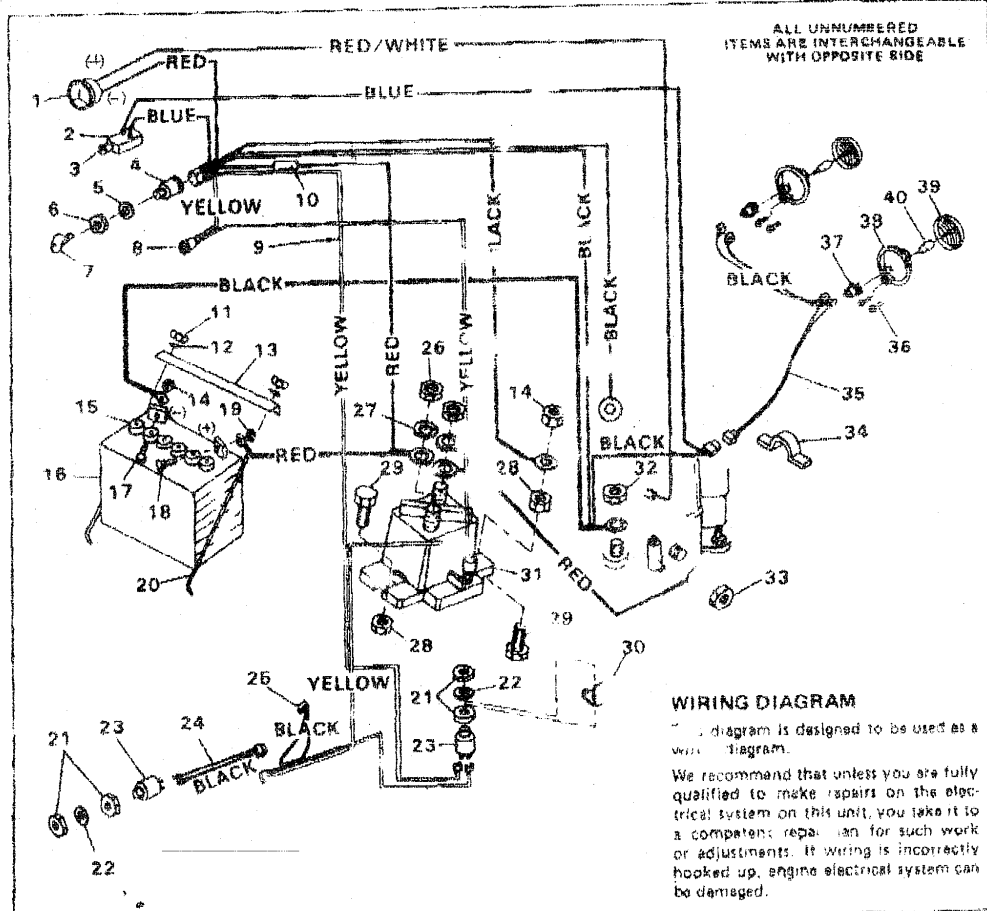
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Key No.	Part No.	Description	Key No.	Part No.	Description	Key No.	Part No.	Description
1	46478	Hand Grip	26	47816	Pull Pin	51	46365	Cover, Pulley, L.H.
2	49130	Lever, Clutch	27	49059	Bar Hitch	52	39573	Screw, Hex Hd. 1/2-24 x 1 in
3	9424215	Locknut, 1/2-20 Thd.	28	49058	Lock Bracket	53	46367	Baffle, L.H.
4	46561	Spring, Clutch Lever	29	120228	*Screw, Hex Hd. 5/16-18 x 3/8 In	54	2483	Formed Washer
5	46260	Harpin Cotter	30	120918	*Screw, Hex Hd. 5/16 x 1 1/2 In	55	39311	Blade, 18 In.
6	9413447	Locknut, 5/16-18 Thd.	31	50613	Pivot Bracket	56	68542	Decal, Height Adjust
7	51986	Quadrant	32	52365	Bracket, Upstop	57	122017	*Screw, Hex Hd. 5/16-18 x 1 in
8	46563	Shoulder Bolt	33	48675	Cotterpin, 3/16 x 1 1/4 In.	58	50634	Screw, Tapite, 5/16-18 x 3/8 In.
9	52636	Spring, Clutch Lever	34	47814	Pin, Pivot	59	46366	Cover, Pulley, R.H.
10	120392	*Flatwasher, 1/2 In	35	48576	Lift Support, Plate Assembly	60	68682	Decal, Height Adjust
11	53055	Idler Arm Ass'y (inc Nos 12 & 13)	36	122007	*Screw, Hex Hd. 5/16-18 x 1/4 In.	61	51943	Mower Deck
12	41471	Brake Pad	37	996416	*Flatwasher, 3/8 In.	62	53037	Lift Cable
13	41601	Rivet, Brake Pad	38	51921	Skid	63	39404	Clevis, Lift Cable
14	35410	Spring	39	49878	V-Belt	64	120372	*Square Nut, 1/2-20 Thd.
15	9413534	Locknut, 3/8-16 Thd.	40	51453	Quill Assy (incl Nos 41-50)	65	121222	*Cotterpin, 3/32 x 3/8 In
16	52695	Belt Retainer	41	51445	Nut	66	39522	Pin, Clevis
17	52894	Pulley, Idler	42	445248	*Flatwasher, 1 1/16 In	67	51985	Support, Pivot Tube
18	122168	*Screw, Hex Hd. 5/16 x 1 1/2 In.	43	51449	Pulley	68	52613	Pivot Tube Assy.
19	47516	Shoulder Bolt	44	51449	Spacer	69	23763	Wheel Axle
20	47517	Bracket, Idler Arm	45	50697	Bearing	70	52684	Wheel
21	45877	Nut (lockout switch part)	46	50818	Spacer	71	120123	Cotterpin
22	45878	Lockwasher (lockout switch part)	47	50702	Quill Housing	72	50998	Chute Extension
23	41204	Switch, Lockout	48	50616	Dust Shield	73	20250	Hand Grip
24	41482	Clip, Press	49	51447	Saddle & Shaft Assembly	74	49131	Lever, Height Adjust
25	48851	Wire Assembly	50	706	Grease Fitting	75	29170	Spring
						76	122040	*Screw, Hex Hd. 5/16-18 x 1 1/2 In.

\*Standard Hardware Items - May Be Purchased Locally

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# 36" RIDING MOWER MODEL 3560-2400



## WIRING DIAGRAM

This diagram is designed to be used as a wiring diagram.

We recommend that unless you are fully qualified to make repairs on the electrical system on this unit, you take it to a competent repairman for such work or adjustments. If wiring is incorrectly hooked up, engine electrical system can be damaged.

Key No.	Part No.	Description
1	38483	Armature
2	40997	Switch w/ Knob, Headlight
3	40778	Knob, Headlight Switch
4	44745	Switch, ignition w/ Keys
5	138557	Lockwasher (Switch Part)
6	48140	Locknut (Switch Part)
7	49843	Key Ignition
8	45333	Ignition Light
9	52791	Wire Harness Assembly
10	49211	Fuse
11	997208	Wing Nut, Nylock, 1/4-20 Thd
12	120386	Flatwasher, 1/4 In.
13	40243	Bracket, Battery, Hold-Down
14	271172	Nut, Keps, 1/4-20 Thd
15	40892	Cap, Battery
16	52936	Battery
17	126203	Carriage Bolt, 1/4-20 x 5/8 In
18	126216	Carriage Bolt, 5/16-18 x 3/4 In
19	271184	Nut, Keps, 5/16-18 Thd
20	40234	Battery Rod

Key No.	Part No.	Description
21	45877	Nut (Lockout Switch Part)
22	45878	Lockwasher (Lockout Switch Part)
23	41204	Switch, Lockout
24	48851	Wire Assembly, Deck Switch
25	42071	Wire Assembly, By-Pass
26	120368	Locknut, Hex, 5/16-24 Thd
27	120838	Lockwasher, Split, 5/16 In.
28	9424215	Locknut, hex, 1/4-20 Thd.
29	121900	Screw, Hex Hd, 1/4-20 x 1 In
30	49734	Bracket, Switch Mounting
31	52323	Solenoid
32	9413447	Locknut, Hex, 5/16-18 Thd
33		Engine Part
34	41482	Wire Clip, Press
35	52800	Lead Wire, Headlight
36	50666	Screw, Hex Wa Hd, No. 10-14 x 1/2 In
37	52573	Socket, Headlight
38	52571	Bezel, Headlight
39	52570	Lens, Headlight
40	52572	Bulb, Headlight