



CLASSIC GARDEN TRACTOR

300 SERIES

SET UP
INSTRUCTIONS

Loose Parts

Note: Use the chart below to identify parts for assembly.

DESCRIPTION	QTY.	USE
Hitch Pin	1	Installing the hitch pin
Hairpin Cotter - 1-7/8"	1	
Flat Washer - 1/2 x 1"	1	
Bolt - 1/4-20 x 3/4"	2	Attaching the battery cables
Hex Nut - 1/4-20	2	
Hairpin Cotter - 1-7/8"	1	Attaching accessory to lift bar
Flat Washer - 1/2 x 1"	1	
Operator's Manual	1	Read before operating tractor
Set Up Instructions	1	Read before setting up tractor
Riding Mower Safety Video	1	View before operating tractor

Checking the Tire Pressure

Check the front and rear tire pressure. The correct front and rear tire pressure is 12 psi (83 kPa).

Activating the Battery

Bulk electrolyte with 1.265 specific gravity must be purchased from a local battery supply outlet.

DANGER

POTENTIAL HAZARD

- Battery electrolyte contains sulfuric acid which is a deadly poison and it causes severe burns.

WHAT CAN HAPPEN

- If you carelessly drink electrolyte you could die or if it gets onto your skin you will be burned.

HOW TO AVOID THE HAZARD

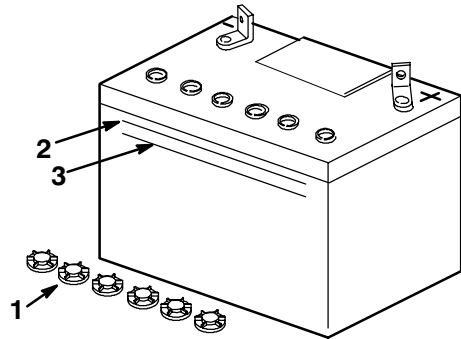
- Do not drink electrolyte and avoid contact with skin, eyes or clothing. Wear safety glasses to shield your eyes and rubber gloves to protect your hands.
- Fill the battery where clean water is always available for flushing the skin.
- Follow all instructions and comply with all safety messages on the electrolyte container.

1. Remove the battery from the tractor.
2. Clean the top of the battery with a paper towel.

Note: Never fill the battery with electrolyte while the battery installed in the tractor. Electrolyte could be spilled on other parts and cause corrosion.
3. Remove the vent caps from the battery (Fig. 1).
4. Slowly pour electrolyte into each battery cell until the level is up to the “UPPER” line (Fig. 1) on the battery case.

IMPORTANT: Do not overfill the battery because electrolyte (sulfuric acid) can cause severe corrosion and damage to the chassis.

5. Wait five to ten minutes after filling the battery cells. Add electrolyte, if necessary, until the electrolyte level is up to the “UPPER” line (Fig. 1) on the battery case.
6. Reinstall battery filler caps.



m-5004

Figure 1

1. Filler caps
2. UPPER line
3. LOWER line

WARNING

POTENTIAL HAZARD

- Charging battery produces gasses.

WHAT CAN HAPPEN

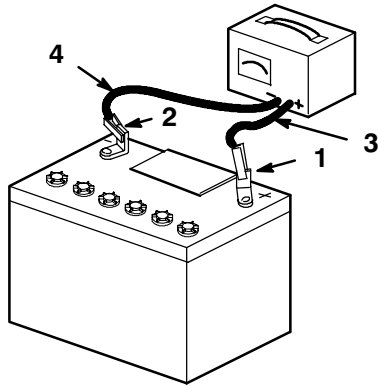
- Battery gasses can explode.

HOW TO AVOID THE HAZARD

- Do not smoke around battery and keep sparks and flames away from battery.

7. Make sure the vent caps are installed in battery. Charge battery for 10 to 15 minutes at 25 to 30 amps or 30 minutes at 4-6 amps.

8. When the battery is fully charged, unplug the charger from the electrical outlet, then disconnect the charger leads from the battery posts (Fig. 2).



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Figure 2

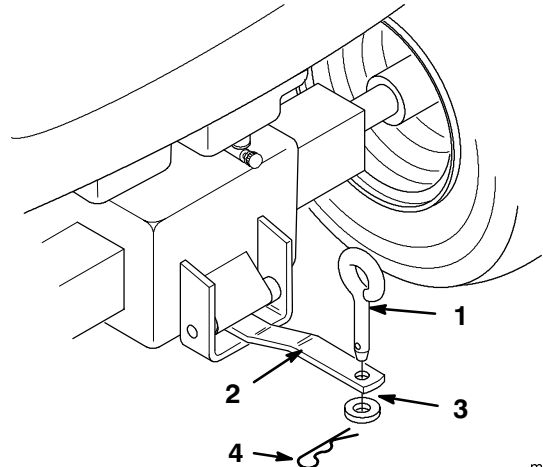
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|--------------------------|---------------------------|
| 1. Positive Battery Post | 3. Red (+) Charger Lead |
| 2. Negative Battery Post | 4. Black (-) Charger Lead |

9. Install the battery in the tractor and connect the battery cables. (Refer to the Operator's Manual - Installing the Battery.)

Note: Do not run the tractor with the battery disconnected, electrical damage may occur.

Installing the Drawbar Hitch Pin

Insert the drawbar hitch pin into the drawbar hitch and secure it with a 1/2 x 1" flat washer and 1-7/8" hairpin cotter (Fig. 3).



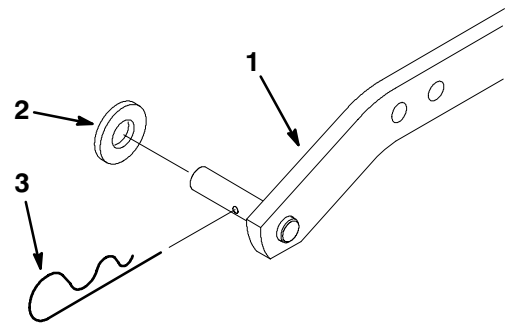
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Figure 3

- | | |
|----------------------|--------------------------|
| 1. Drawbar Hitch Pin | 3. Flat Washer 1/2 x 1" |
| 2. Drawbar Hitch | 4. Hairpin Cotter 1-7/8" |

Attaching the Washer and Hairpin Cotter onto the Lift Bar

Install a 1/2 x 1" flat washer and 1-7/8" hairpin cotter onto the lift bar (Fig 4).



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Figure 4

- | | |
|-------------------------|--------------------------|
| 1. Lift Bar | 3. Hairpin Cotter 1-7/8" |
| 2. Flat Washer 1/2 x 1" | |

Checking the Wiring and Fasteners

- Inspect the tractor for any loose electrical connections and secure as required. Check the wire routing to make sure no moving parts interfere with the wires to cause a short.
- Check all fasteners to make sure they are tight.

Check Engine Oil

IMPORTANT: The tractor is shipped from the factory with oil in the engine crankcase

Check the oil level and add only enough oil to raise the level to the “FULL” mark on the dipstick.

Note: When checking oil, slide the dipstick fully into the filler tube, do not thread onto fill tube.

Learn to Operate the Tractor

Read the Operation section in the Operator’s Manual. Learn how to operate the tractor.

Check Tractor Lubrication

Check tractor to ensure it is lubricated. Refer to the Operator’s Manual, Greasing and Lubrication.



1. Check the oil level in the transaxle. Refer to the Operator’s Manual for oil type, viscosity and capacity.
2. Check to make sure all lubrication points have been greased as shown in the Maintenance section of the Operator’s Manual. These points include the front axle pivot and spindles, foot pedal(s) and steering gear.

Test Driving the Tractor

1. Fill the tank with unleaded regular gasoline with an octane rating of at least 85. Open the fuel shutoff valve and check the fuel hose and fittings for leaks.
2. As applicable, check and test the operation of the following:
 - Engine, choke and throttle controls
 - Gauges
 - Headlights
 - Indicator lights
 - PTO clutch and brake
 - Lift system
 - Service and parking brakes
 - Transmission controls
 - Steering
 - Tractor operation in forward and reverse

Check Safety System

Refer to the Operator's Manual, Checking Safety System.

 CAUTION 
<p>POTENTIAL HAZARD</p> <ul style="list-style-type: none">• Safety interlock switches may be disconnected or damaged. <p>WHAT CAN HAPPEN</p> <ul style="list-style-type: none">• The machine could operate unexpectedly.• Contact with moving parts may cause personal injury. <p>HOW TO AVOID THE HAZARD</p> <ul style="list-style-type: none">• Do not tamper with the interlock switches.• Check the operation of the interlock switches daily and replace any damaged switches before operating the machine.

1. Test the operation of the safety interlock system.
The engine should **not** crank if:
 - You are out of the seat
 - The PTO lever is in the “engaged” position
 - The gear shift lever is in the “engaged” position

