

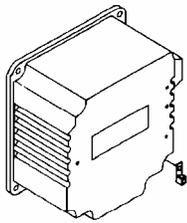
## BEFORE OPERATION

### GROUNDING THE GENERATOR

Make sure that the generator is grounded to help prevent accidental shock. A ground lug has been provided for this purpose. Connect a length of heavy gauge wire between the generator lug and an external ground source, such as a water pipe or copper rod driven into the ground.



**WARNING:** Do not use a pipe carrying combustible material as the ground source.



Ground Lug

### LUBRICATION

**DO NOT** attempt to start this engine without filling the crank case with the proper amount and type of oil. (See the accompanying engine manual for this information.) Your generator has been shipped from the factory without oil in the crankcase. Operating the unit without oil can damage the engine.

### FUEL

Fill the tank with clean, fresh unleaded automotive gasoline. Regular grade gasoline may be used provided a high octane rating is obtained (at least 85 pump octane).



**CAUTION:** Do not overfill the tank. Keep maximum fuel level 1/4 inch below the top of the fuel tank. This will allow expansion in hot weather and prevent overflow.



**WARNING:** Gasoline is very dangerous. Serious injury may result from fire caused by gasoline contacting hot surfaces.

1. Do not fill fuel tank with engine running.
2. Do not spill fuel while refilling tank.
3. Do not mix oil with gasoline.

### PRE-START PREPARATION

Before starting the generator, check for loose or missing parts and for any damage which may have occurred during shipment.



**WARNING:** This generator must not be operated without all factory installed heat shields in place. Failure to comply may cause the fuel tank to overheat and result in personal injury from fire.

### STARTING THE ENGINE

1. Check oil level and fuel.
2. Disconnect all electrical loads from the unit.
3. Open fuel shut off valve.
4. Adjust choke as necessary.
5. Set the engine switch to the "ON" position.
6. Pull on the starter rope with fast steady pull. As the engine warms up, readjust the choke. On electric start models, turn the key switch to "START". Release key switch after the engine starts.



**WARNING:** Provide adequate ventilation for toxic exhaust gases and cooling air flow.

### BREAK-IN PROCEDURE

Controlled break-in helps insure proper engine and generator operation. Follow engine procedure outlined in engine manual.



**CAUTION:** Do not apply heavy electrical load during break-in period (the first two to three hours of operations).



**CAUTION:** Allow generator to run at no load for five minutes upon each initial start-up to permit engine and generator to stabilize.

### SHUTTING THE GENERATOR OFF

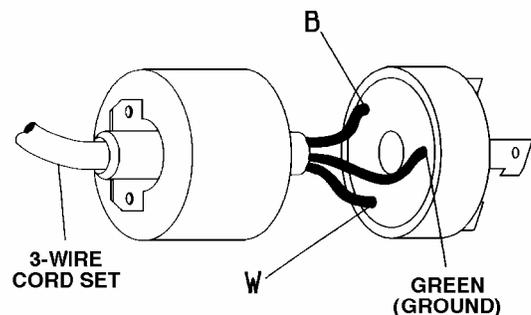
1. Remove entire electrical load.
2. Let the engine run for a few minutes without load.
3. Move the engine switch to the "OFF" position. (Turn the key switch to "OFF" on the electric start models).
4. Do not leave the generator until it has completely stopped.
5. Close the fuel shut off valve if the engine is to be put in storage or transported.
6. If cover is used, do not install until unit has cooled.

### POWER CORD CONNECTIONS

Refer to the appropriate diagram for proper connection of power cord wires to the plug terminals.



**CAUTION:** Insure that the power cord used is well insulated and has a sufficient rating to match that of the plug.



120 Volts, 30 Ampere Plug