	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #5 Tools and Equipment
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TOPIC #13: GENERATOR

All ladder companies are issued a portable electric generator. Usually the running speed is automatically governed to regulate the electrical output.

The generator should be kept clean with all protective guards in place. The fuel reservoir and oil reservoir should be kept full at all times.

Output: 5000 watts

Outlets: Front panel has (4) standard house plug outlets
 (1) 30 amp / 110 volt twist lock
 (2) 15 amp / 220 volt twist lock.



1 FIRE POWER ADAPTER

(Fire Power Set-UP)

- The CFD uses “fire power” plugs on most lights, fans and adapters.
- There will be a “pig tail” that plugs into the 30a twist lock and changes to a “fire power” Female outlet.


Some Truck Companies with cord reels have a power cord that will plug into the 220 volt twist lock outlet to power their cord reels.

Motor: 4 cycle, Honda Motor
 Automatic Idle Control
 Circuit breakers and voltage meter located on front panel

Issued To: Truck Companies

Fuel: Straight Gas (Regular Unleaded)

Oil: SAE 30 weight oil
 The generator is equipped with a “low oil” alert system that will automatically stop the engine before the oil level falls below an unsafe limit. To keep this from occurring, check the oil on a regular basis.

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STARTING THE GENERATOR

To start, make sure both switches are in the “on” position.

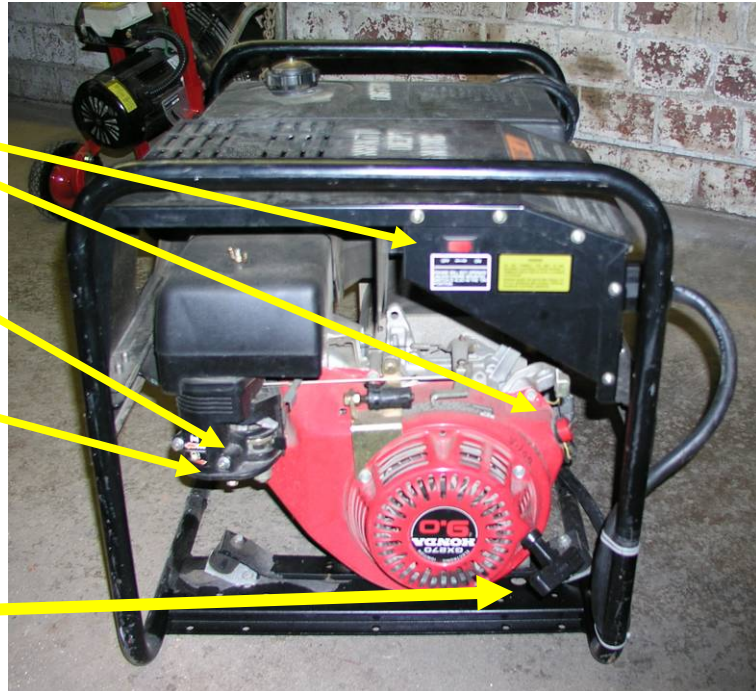
The choke is turned to the “CLOSED” position

Fuel valve is on.

Note:

** there is a second fuel valve on the bottom of the tank this is seldom used**

Pull the Start Cord



Start the engine by pulling the starter cord lightly until resistance is felt and then pull briskly. **Caution:** Do not allow the starter cord to snap back against the engine. Return it gently to avoid damage to the starter.

When the engine starts, allow it to warm up, and then gradually move the choke lever to the “OPEN” position.

Keep the throttle and the idle control on the front of the engine at full speed for operation.

STOPPING THE GENERATOR

To stop in an emergency, switch the on/off switch to off.

To stop under normal conditions:

- Move the throttle to low idle
- Turn the engine switch to off position

NEVER START OR STOP THE GENERATOR UNDER A LOAD OF ANY KIND

THE GENERATOR SHOULD BE STORED IN THE “READY TO START” POSITION ON THE APPARATUS.