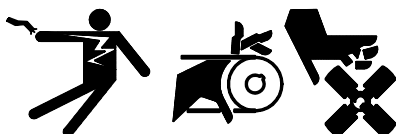




Fuel Tank Service Kit 239787 3.5/5MM, 5CM-HS, and 5MBM Models Portable Generator Sets

This kit is intended to be a service replacement for generator sets originally equipped with steel fuel tanks. This kit incorporates a plastic fuel tank. Steel fuel tanks have been discontinued.

WARNING



Accidental starting.
Can cause severe injury or death.

Disconnect battery cables before working on generator set (negative lead first and reconnect it last).

Accidental starting can cause severe injury or death. Disconnect the spark plug wire(s), remove battery cables (remove negative lead first and reconnect it last) and disconnect power to battery charger (if equipped) to disable generator set before working on any equipment connected to generator.

WARNING



Fire.
Can cause severe injury or death.

Do not smoke or permit flame or spark to occur near fuel or fuel system.

A flash fire can cause severe injury or death. Do not smoke or permit flame or spark to occur near carburetor, fuel line, fuel filter, fuel pump, or other potential sources of spilled fuel or fuel vapors. When removing fuel line or carburetor, use a proper container to catch all fuel.

A flash fire can cause severe injury or death. Keep engine spark plug or muffler side up when tipping unit to drain oil or empty fuel tank.

WARNING




Explosive fuel vapors.
Can cause severe injury or death.

Use extreme care when handling, storing, and using fuels.

Explosive fuel vapors can cause severe injury or death. All fuels are highly explosive in a vapor state. Use extreme care when handling, storing, and using fuels. Store fuel in a well-ventilated area away from spark producing equipment and out of the reach of children. Never add fuel to the tank while the engine is running since spilled fuel may ignite on contact with hot parts or from ignition spark. Do not smoke or permit flame or spark to occur near potential sources of spilled fuel or fuel vapors. Keep fuel lines and connections tight and in good condition—don't replace flexible fuel lines with rigid lines. Flexible sections are used to avoid breakage due to vibration. Additional precautions must be taken when using the following fuels:

Gasoline – Store gasoline only in approved red containers clearly marked GASOLINE. Do not store gasoline in any occupied building.

Explosive fuel vapors can cause severe injury or death. Spilled fuel can cause an explosion. Use a container to catch fuel when draining fuel system. Wipe up all spilled fuel after draining system.

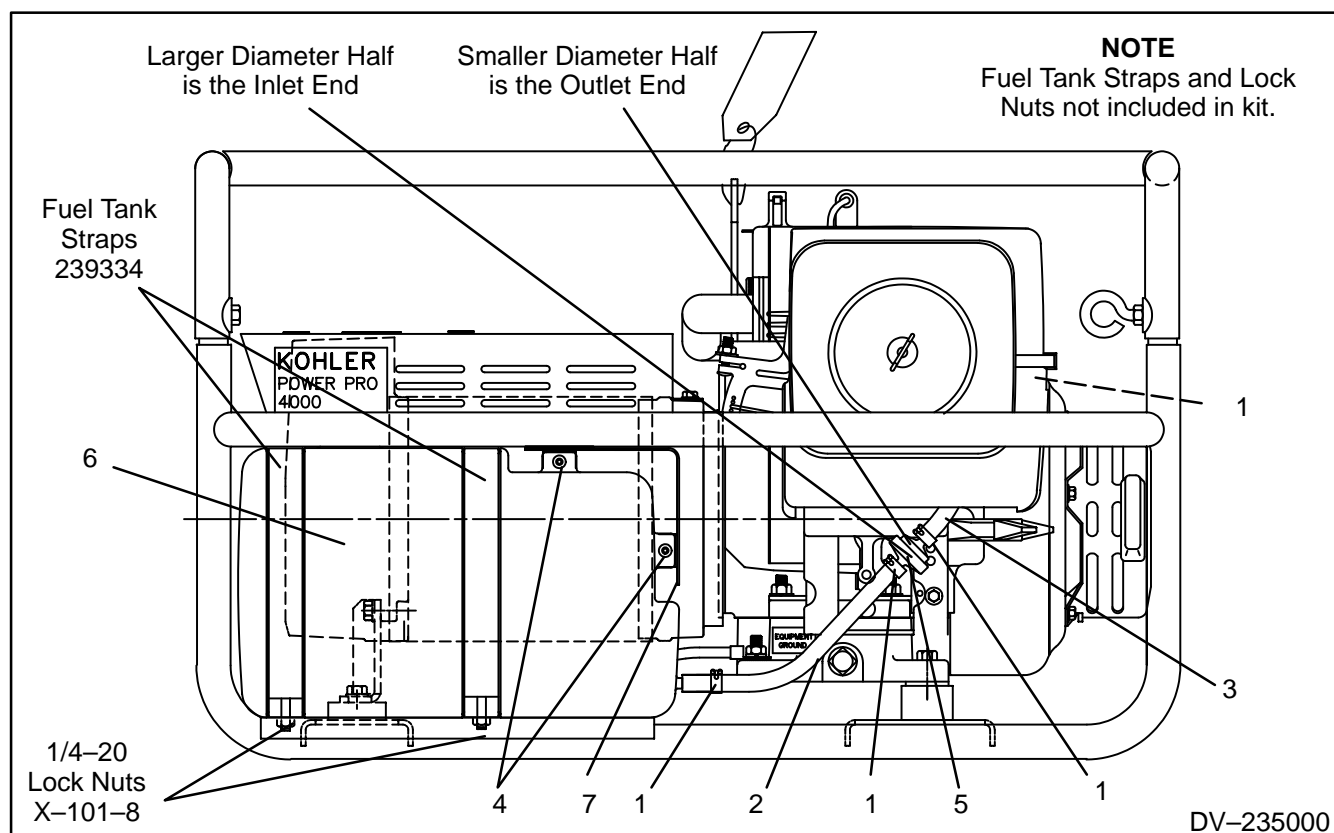
⚠ WARNING

<p>Hot engine and exhaust system. Can cause severe injury or death.</p> <p>Do not work on generator set until unit is allowed to cool.</p>

Hot parts can cause severe injury or death. Do not touch hot engine parts. An engine gets hot while running and exhaust system components get extremely hot.

INSTALLATION

1. Disconnect battery, negative lead first (if so equipped).
2. Remove spark plug wire from spark plug to disable the generator set.

3. Remove fuel from fuel tank. This can be done by either siphoning fuel from tank or removing fuel line at fuel filter outlet and allowing fuel to drain into a suitable container. Wipe up any spilled fuel and dispose of rags in a proper manner. See Figure 1.
4. Remove fuel line at carburetor. Remove fuel tank by moving straps and nuts. Fuel tank and hose assembly will NOT be reused. Dispose of components in a proper manner.
5. Install heat shield 239687 to fuel tank using two pop rivets X-781-10.
6. Place plastic fuel tank 239686 in location of original fuel tank and secure with original straps and nuts. If difficulty in starting nut occurs, remove foam strip on fuel tank strap. Foam strip is not required when using a plastic fuel tank. If original fuel tank straps are missing or damaged, order new fuel tank straps part no. 239334, qty. 2 and 1/4-20 lock nuts, part no. X-101-8, qty. 2. Locate fuel tank straps in recessed grooves of fuel tank.



7. Place one hose clamp X-309-14 on each end of longer fuel line X-386-14. Place hose clamps about 1 in. (25 mm) from end. Connect one end to fuel tank connector and the other end to fuel filter 238653 inlet end (larger diameter half is the inlet end, see Figure 1). Locate hose clamps approx. 1/4 in. (6 mm). from end of hose.
8. Place one hose clamp X-309-14 on each end of shorter fuel line X-386-46. Place hose clamps about 1 in. (25 mm) from end. Connect one end to carburetor and the other end to fuel filter outlet end. Locate hose clamps approx. 1/4 in. (6 mm). from end of hose.
9. When fuel tank is filled and unit is started for the first time, check for fuel leaks at hose connections.
10. Reconnect spark plug wire to spark plug.
11. Reconnect battery, negative lead last (if so equipped).

Parts Listing

Item	Description	Qty.	Part No.
1	Clamp, hose	4	X-309-14
2	Line, flexible fuel 1/4 ID x 9 in.	1	X-386-14
3	Line, flexible fuel 1/4 ID x 3.5 in.	1	X-386-46
4	Rivet, pop .187 dia. x .25 in.	2	X-781-10
5	Filter, fuel	1	238653
6	Tank, fuel	1	239686
7	Shield, heat	1	239687