

KOHLER[®] POWER SYSTEMS



INSTALLATION INSTRUCTIONS

Flexible Fuel Line Kit PA-255207 15/20CCO/CCOZ-RV/Mobile Diesel Generator Sets

The following procedure is used for installing a flexible fuel line.

The flexible fuel line kit may be installed on 15/20CCO/CCOZ Yanmar-powered RV/Mobile generator sets. The kit allows a flexible fuel line to be installed between the engine fittings and the fuel tank plumbing for RV/Mobile generator applications. Read the entire procedure before installing. Observe all safety precautions during kit installation.



WARNING

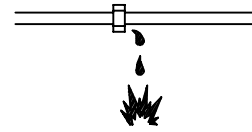
Accidental starting.

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 battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator. The generator set can be started by remote start/stop switch unless this precaution is followed.

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. Should any fuel leakage, fuel accumulation, or electrical sparks be noted, **DO NOT OPERATE GENERATOR SET.** Have systems repaired before resuming generator operation.

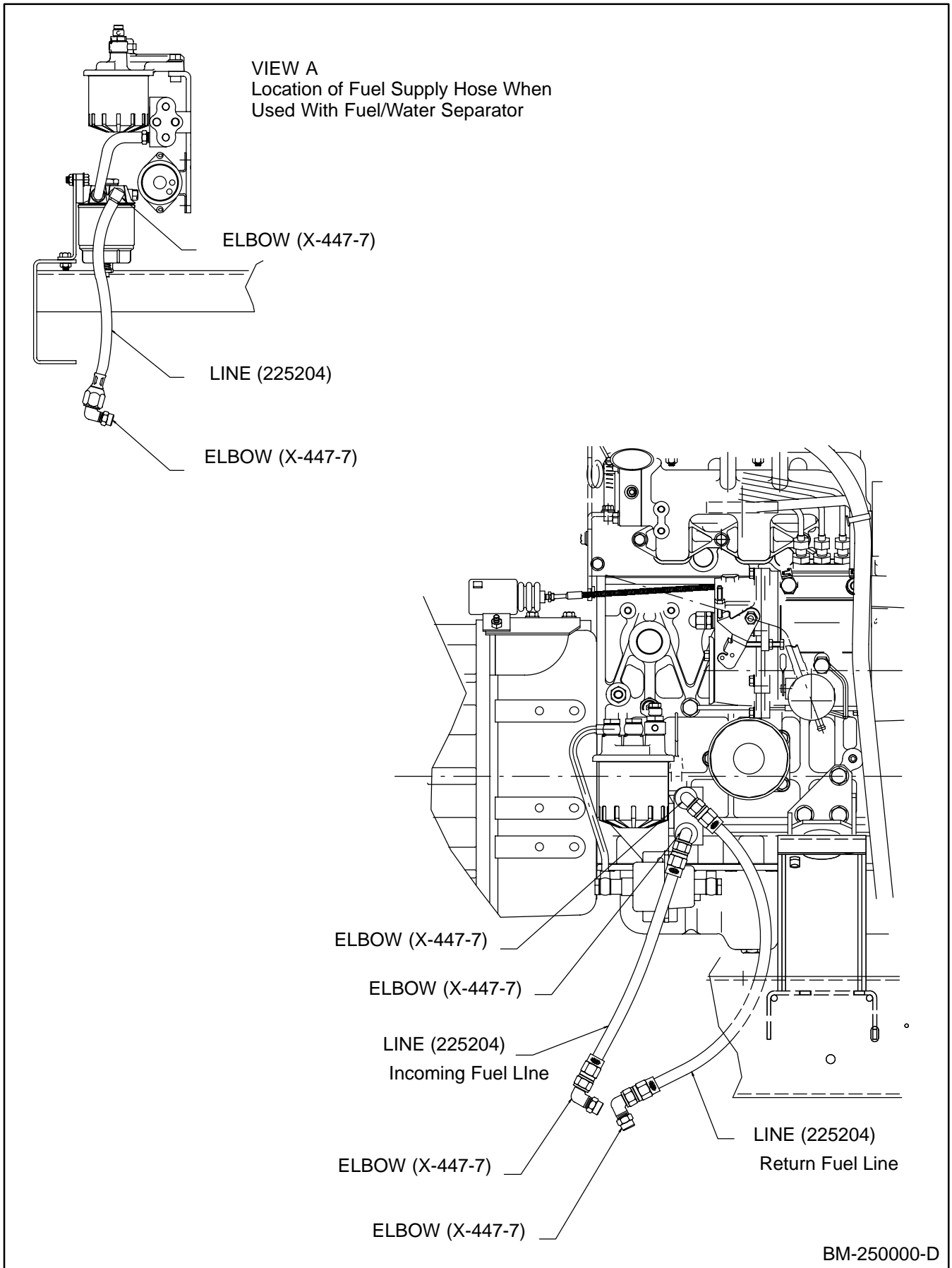


Figure 1. Kit Installation

010
020

INSTALLATION

1. Move the controller Start/Stop switch to STOP. Disconnect the battery cables, negative lead first.
2. Allow the engine to cool completely.

NOTE

Use Figure 1 (opposite page) to mount the flexible fuel line.

3. Close the fuel supply valve at the fuel tank.
4. Remove and discard both existing fresh and return fuel lines.

NOTE

Apply thread sealant to all threaded fuel connections.

5. Screw the fuel line connection elbow fittings (X-447-7) onto the tank inline and return connectors. Be sure the connections are tight.
6. Screw both fuel lines (225204) onto the engine-mounted fuel connectors. Be sure the connections are tight. See Figure 1.
7. Install the fuel inlet line onto the fuel/water separator if it is used. Refer to Figure 1 View A.
8. If a fuel/water separator is not used, then screw both fuel lines onto the fuel tank. The

top-mounted fuel line from the engine should be screwed onto the return fuel line connector on the fuel tank. Be sure the connections are tight.

9. After the flexible fuel lines are installed, verify that all connections are tight.
10. Open the fuel supply valve at the fuel tank.
11. If a fuel/water separator is not used, bleed air from the fuel system according to the procedure in the operation's manual.

NOTE

If air is trapped in the fuel system, hard starting and/or erratic operation will occur.

12. If a fuel/water separator is used, remove its air bleed screw.
13. Allow excess fuel to flow from the air bleed hole until it flows free from air bubbles. Replace the air bleed screw.
14. Connect battery cables, negative lead last.
15. Use rags to wipe up any spilled fuel. Dispose of the rags in a proper container.
16. Start engine and allow it to run for approximately 20 to 30 seconds. Check for leaks. STOP the generator set if any fuel leaks are detected. Repair leaks if necessary.

Parts List

PA-255207		
Qty.	Description	Part Number
4	Elbow, fuel line connection	X-447-7
2	Line, flexible fuel	225204