

KOHLER[®] POWER SYSTEMS



INSTALLATION INSTRUCTIONS

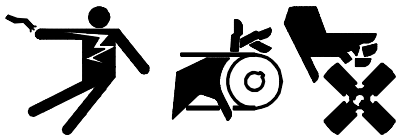
Flexible Fuel Line Kit PA-225677 7/10CCO/CCOZ-RV/Mobile Diesel Generator Sets

The flexible fuel line kit may be installed on 7/10CCO/CCOZ Kubota-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.

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



WARNING



Accidental starting.

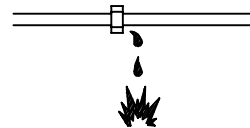
Can cause severe injury or death.

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.

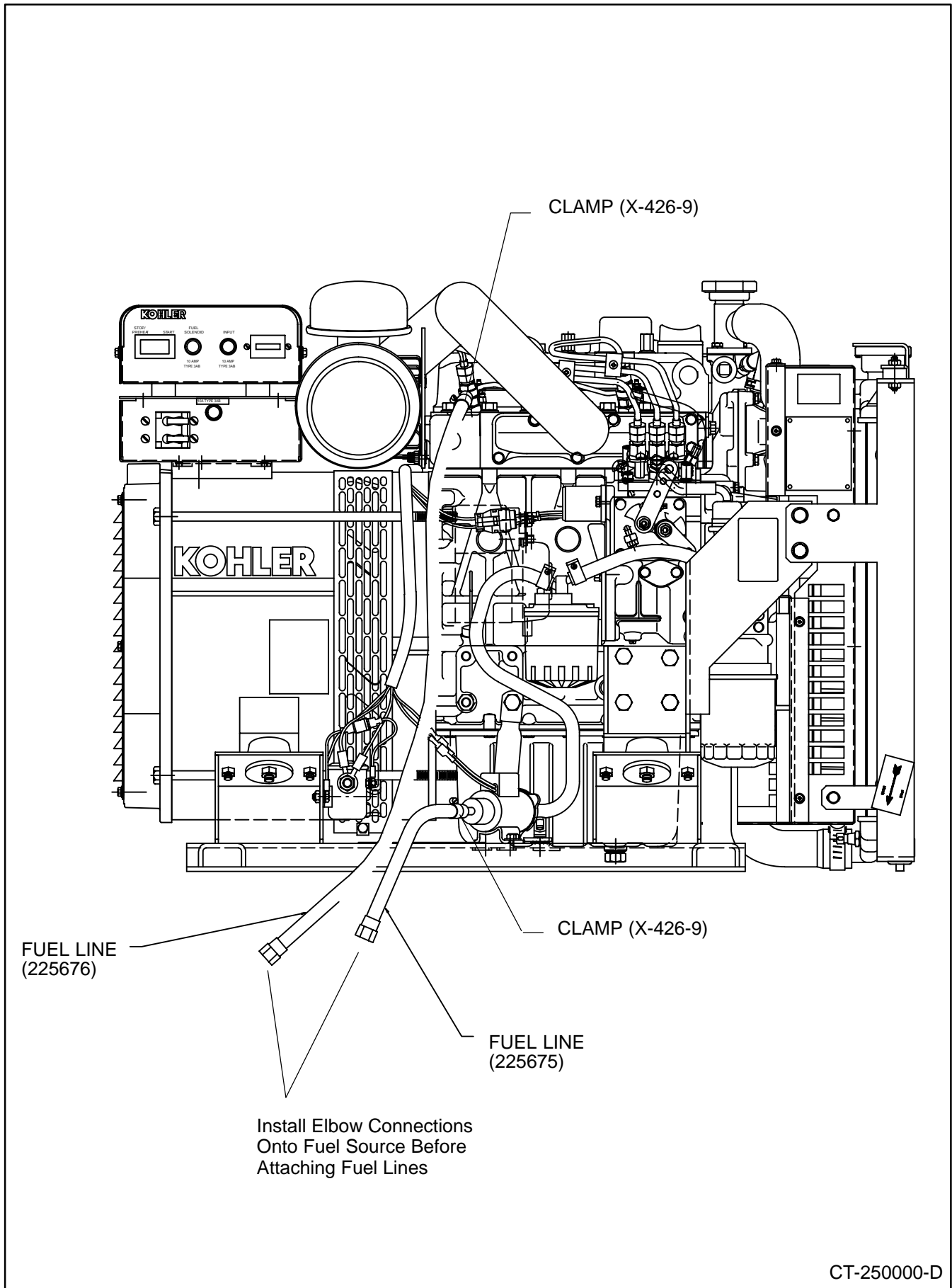


Figure 1. Kit Installation

INSTALLATION

1. Move the 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 lines.

3. Close the fuel supply valve at the fuel tank.
4. Remove and discard the existing return fuel line that attaches to the top of the engine.
5. Attach the threadless end of the replacement fuel line (225676) to the return fitting and slide it firmly into place.
6. Use one hose clamp (X-426-9) to fasten the fuel line on the fitting. Locate clamp 1/4 in. (6.4 mm) from the end of the hose and tighten.

NOTE

Apply pipe sealant to all threaded fittings.

7. Screw the fuel line connection elbow fitting (X-447-7) into the fuel source return connector. Be sure the connection is tight.
8. Tightly screw the fuel line into the elbow fitting. Be sure the connection is tight.
9. Attach the threadless end of the replacement fuel line (225675) to the pump-mounted fitting and slide it firmly into place.

NOTE

Attach the replacement fuel line (225675) to the fuel prefilter, if equipped.

10. Use one hose clamp (X-426-9) to hold the fuel line on the fitting. Locate clamp 1/4 in. (6.4 mm) from the end of the hose and tighten.

NOTE

Apply pipe sealant to all threaded fittings.

11. Screw the fuel line connection elbow fitting (X-447-6) into the fuel source inline connector. Be sure the connection is tight.
12. Tightly screw the fuel line onto the elbow fitting. Be sure the connection is tight.
13. After the flexible fuel lines are installed, verify that all connections are tight.
14. Open the fuel supply valve at the fuel tank.
15. 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.

16. Connect battery cables, negative lead last.
17. 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.
18. Use rags to wipe up any spilled fuel. Dispose of the rags in a proper container.

Parts List

PA-225677		
Qty.	Description	Part Number
2	Clamp, hose	X-426-9
1	Elbow, 1/2-20 X 1/4	X-447-6
1	Elbow, fuel line connection	X-447-7
1	Line, flexible fuel	225675
1	Line, flexible fuel	225676