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**INSTALLATION INSTRUCTIONS**


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Original Issue Date: 2/92

Model: 20-45 kW (Gasoline)

Market: Industrial

Subject: Flexible Fuel Line Kits PA-276284, PA-276284-SD, PA-276285,  
PA-276285-SD, PA-326786, PA-326786-SD

The flexible fuel line kit provides a flexible connection between the engine fuel fittings and the fuel tank plumbing. Observe all safety precautions during kit installation.



**Accidental starting.**  
**Can cause severe injury or death.**

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

**Disabling generator set. Accidental starting can cause severe injury or death.** Turn generator set master switch to OFF position, disconnect power to battery charger, and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on the generator set or connected equipment. The generator set can be started by an automatic transfer switch or remote start/stop switch unless these precautions are followed.



**Explosive fuel vapors.**  
**Can cause severe injury or death.**

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

**⚠ WARNING**



**Explosion.**  
**Gasoline vapors can cause explosion and severe injury or death.**

Before starting generator set, operate blower 4 minutes and check engine compartment for gasoline vapors.

**Fuel system. Explosive fuel vapors can cause severe injury or death.** All fuels are highly explosive in a vapor state. Use extreme care when handling and storing 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 sources of spilled fuel or fuel vapors. Keep fuel lines and connections tight and in good condition. Do not replace flexible fuel lines with rigid lines. Use flexible sections to avoid breakage caused by vibration. Do not operate generator set in the presence of fuel leaks, fuel accumulation, or sparks. Repair systems before resuming generator set operation

**Explosive fuel vapors can cause severe injury or death.** Take additional precautions when using the following fuels:

**Gasoline**—Store gasoline only in approved red containers clearly marked GASOLINE.

# Installation

1. Turn the generator set master switch to the OFF position.
2. Disconnect generator set engine starting battery, negative (-) lead first.
3. Refer to Figure 1 for installation of the flexible fuel line kit. Apply pipe sealant to all threaded connections. Refer to Parts List for component descriptions.
4. Reconnect generator set engine starting battery, negative (-) lead last.
5. Start generator set and observe fuel line connections for leaks.
6. Stop generator set and tighten fuel lines as required.

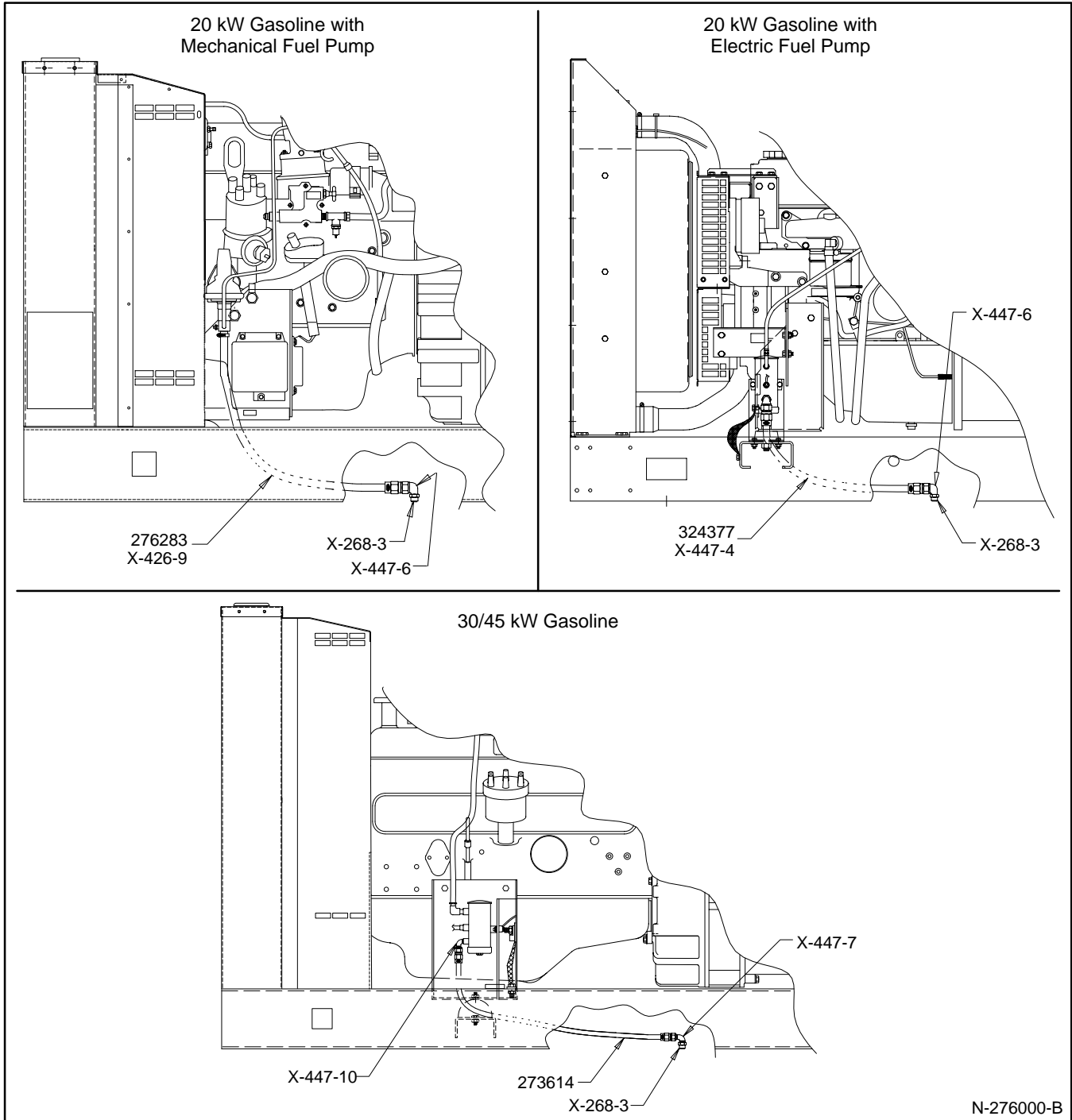


Figure 1. Generator Set Flexible Fuel Line Connections

## Flexible Fuel Line Kits

Parts List					
Kits: PA-276284, PA-276284-SD, PA-276285, PA-276285-SD, PA-326786, PA-326786-SD			Unique Parts		
Qty.	Description	Common Parts	PA-276284 PA-276284-SD	PA-276285 PA-276285-SD	PA-326786 PA-326786-SD
1	Cap, pipe	X-268-3			
1	Connector, 7/16-20 x 1/8			X-296-1	
1	Clamp, hose		X-426-9		
1	Elbow, 1/2-20 x 1/8				X-447-4
1	Elbow, 1/2-20 x 1/4		X-447-6		X-447-6
1	Elbow, 7/16-20 x 1/4			X-447-7	
1	Elbow, 7/16-20 x 1/8			X-447-10	
1	Line, flexible fuel		276283	273614	324377