

SERVICE BULLETIN

Original Issue Date: 2/01


Model: 4-180 kW

Market: **Industrial, Industrial Rental, Residential/Commercial, Marine, and Commercial/Recreational Mobile Generator Sets**

Subject: **Fuel Pump Inspection**

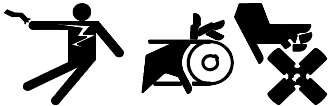
Introduction

The fuel pump component supplier has advised the generator set manufacturer of a potential fuel pump problem. On a limited number of generator sets, service parts, and sales kits the fuel pump (part number 229051) may have an improperly formed sheet metal housing that may crack and leak fuel.

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|---|
| ⚠ WARNING |
|  |
| <p>Fire. Can cause severe injury or death.</p> <p>Do not smoke or permit flames or sparks near fuels or the fuel system.</p> |

Safety Precautions

⚠ WARNING



Accidental starting.
Can cause severe injury or death.

Disconnect the battery cables before working on the generator set. Remove the negative (-) lead first when disconnecting the battery. Reconnect the negative (-) lead last when reconnecting the battery.

Disabling the generator set. Accidental starting can cause severe injury or death. Before working on the generator set or connected equipment, disable the generator set as follows: (1) Move the generator set master switch to the OFF position. (2) Disconnect the power to the battery charger. (3) Remove the battery cables, negative (-) lead first. Reconnect the negative (-) lead last when reconnecting the battery. Follow these precautions to prevent starting of the generator set by an automatic transfer switch, remote start/stop switch, or engine start command from a remote computer.

Servicing the fuel system. A flash fire can cause severe injury or death. Do not smoke or permit flames or sparks near the carburetor, fuel line, fuel filter, fuel pump, or other potential sources of spilled fuels or fuel vapors. Catch fuels in an approved container when removing the fuel line or carburetor.

Service Procedure

Inspect affected generator sets, service parts, and sales kit stock meeting the following criteria:

- **Generator sets** manufactured from January 15, 2000 to February 28, 2000 with serial numbers from 0648728 to 0661644.
- **Service parts** shipped from the factory from January 15, 2000, to February 28, 2000.
- **Sales kits** PA-324405 and PA-324405-SD shipped from the factory from January 15, 2000, to February 28, 2000.

If any cracking is observed on the cylindrical body (cadmium plated), remove the pump immediately and return it to the generator set manufacturer.

| | | | | | | | |
|--------------|-----------------|---------------|---------------|------------------|------------------|------------------|----------------|
| Routing | Service Manager | Sales Manager | Parts Manager | Technician No. 1 | Technician No. 2 | Technician No. 3 | Return This to |
| Initial Here | | | | | | | |

Field Action Required

This procedure applies to the generator sets, service parts, and sales kits mentioned on page 1.

1. Check all service parts stock for fuel pumps with a manufacturer's build code of 11560A13A or 11560A25 stamped on the housing. See Figure 1 for the fuel pump's code location. Replace all fuel pumps that have this code.
2. Locate the affected generator sets. Inform the owner of this issue and make arrangements to replace the suspect fuel pump. Replace all fuel pumps with a code of 11560A13A or 11560A25 stamped on the housing.

Note: If these generator sets were resold to OEMs or dealers, forward this information to them.

Note: You may need to remove the fuel pump from the generator set to read its code.

3. Fax fuel pump replacement order(s) to the Service Parts Specialist at fax number 920-459-1611. The generator set manufacturer will ship all fuel pumps express freight. If fuel pumps are not immediately available, we will advise you of expected ship dates.
4. Complete this inspection by June 30, 2001.

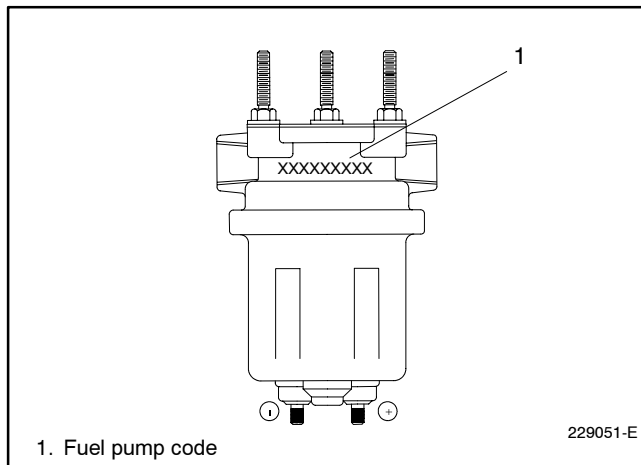


Figure 1 Fuel Pump

Warranty Claim Procedure

After performing the required inspection and, if necessary, the fuel pump replacement, file a warranty claim. Normal warranty policies for travel time and mileage apply:

- Return the original suspect fuel pump via ground freight using a Generator Warranty Return (GWR) form. The generator set manufacturer will issue a GWR after a claim is filed.
- Use part number 229051 as the primary failed part.
- Use flat rate code #4786 for the generator set inspection. Use a flat rate time of 1.2 hours.
- Use flat rate code #4787 for the fuel pump replacement. Use a flat rate time of an additional 0.3 hours. Indicate both flat rate numbers when replacing the fuel pump.

Note: File one claim for each replaced fuel pump.

Contact the Generator Service Department with any questions.