
SERVICE BULLETIN

Original Issue Date: **6/09**

Model: **17 and 18 kW Residential Generator Sets**

Market: **Residential/Commercial**

Subject: **Fuel Line Damage**

Introduction

The generator set manufacturer has received reports of fuel line damage on some 17 and 18 kW residential generator sets. The fuel line can be damaged at the point where it passes through the bulkhead if the protective sleeve and/or black plastic grommet are not in place. See Figure 3.

Inspect the fuel line during a routine maintenance visit as described in this bulletin and replace the fuel line if it is damaged. Read the entire service bulletin before proceeding. Perform steps in the order shown.

Warranty Claim Procedure

Check the fuel line, protective sleeve, and plastic grommet during a routine maintenance visit. File a warranty claim if fuel line replacement is necessary.

- Return the damaged fuel line using a Generator Warranty Return (GWR). The Generator Service Department will issue a GWR notification card after a claim is filed.
- Use flat rate code 4090 and a flat rate time of 0.5 hours.

Travel time and mileage will not be paid for warranty claims for this procedure. Standard warranty policies apply. Contact the Generator Service Department with any questions.

Safety Precautions

Observe the following safety precautions while servicing the unit.

⚠ 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.

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

Service Procedure

1. Open the enclosure and check the fuel line where it passes through the bulkhead. See Figure 1.
2. Inspect the fuel line for damage on both sides of the bulkhead. See Figure 2. If the fuel line is worn or damaged, proceed with these instructions to replace it.
3. Place the generator set master switch in the OFF position.
4. Disconnect the power to the battery charger, if equipped.
5. Disconnect the generator set engine starting battery, negative (-) lead first.
6. Replace the damaged fuel line with fuel line 24 353 37-S and sleeve 25 431 17-S. Save the damaged fuel line for return to the Warranty Department. If necessary, also replace the grommet using 1.25 in. grommet X-634-27 or 1.5 inch grommet X-634-28 as required.
7. Ensure that the plastic grommet and protective sleeve are in place to protect the fuel line. The sleeve should protect the fuel line at the blower housing and the bulkhead. See Figure 3 and Figure 4.
8. Reconnect the generator set engine starting battery, negative (-) lead last.
9. Reconnect power to the battery charger.

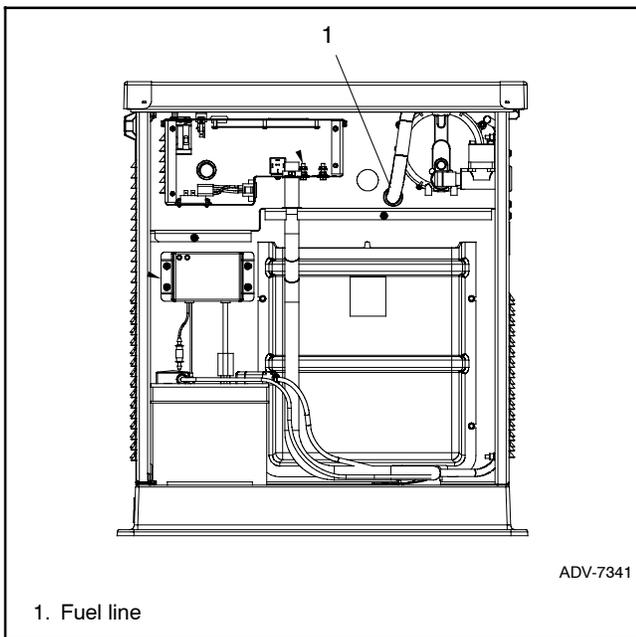


Figure 1 Fuel Line Location



Figure 2 Damaged Fuel Line

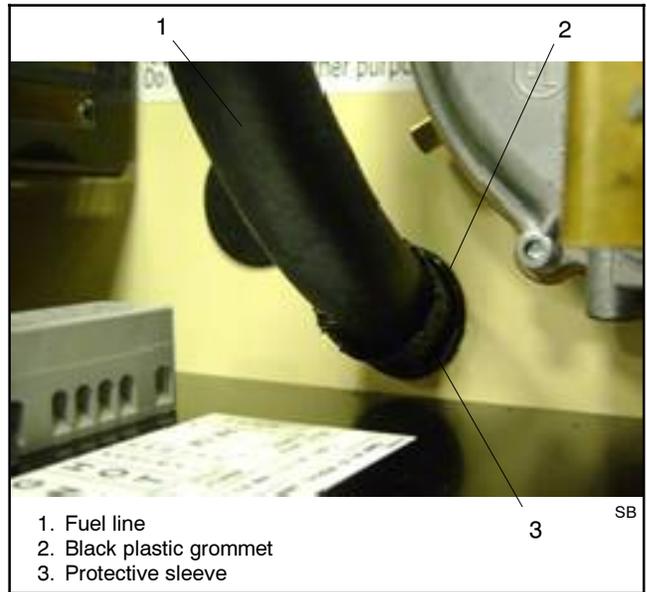


Figure 3 Fuel Line with Sleeve and Plastic Grommet

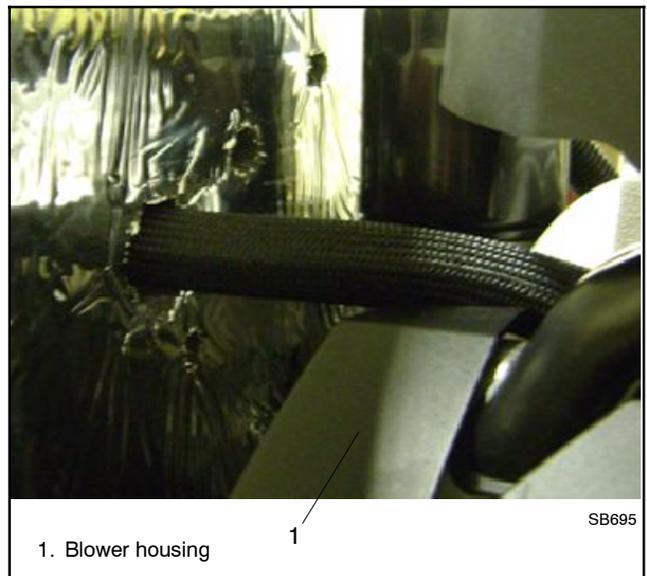


Figure 4 Fuel Line and Blower Housing