

SERVICE BULLETIN

Original Issue Date: **1/96**

Model: **6-400 kW**

Market: **Industrial**

Subject: **Double-Wall Subbase Fuel Tank Leak Alarm Wiring Harness**

The wiring harness for the double-wall subbase fuel tank leak alarm is wired incorrectly. When the alarm switch is in the normal position and the float switch is closed both the horn and light will not activate.

The affected harnesses were manufactured between 7/1/94 and 11/1/95.

Rewire the leak alarm harness so the leak alarm operates. Perform the following steps at the generator sets next scheduled service to correctly wire the leak alarm harness.



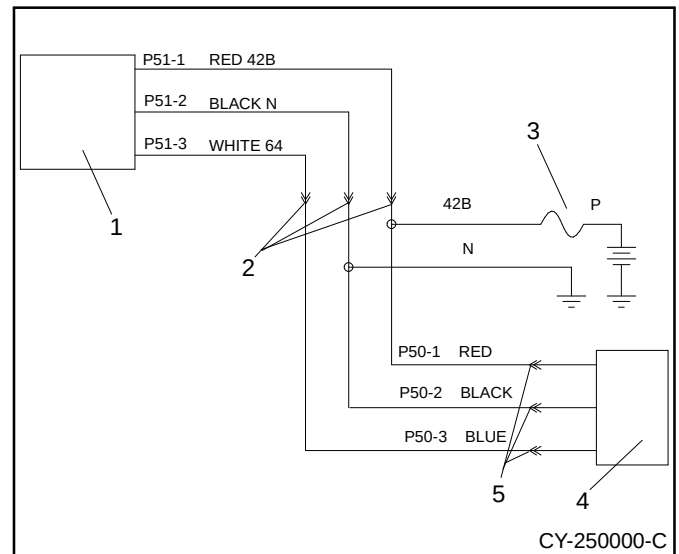
Accidental starting. Can cause severe injury or death.

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.

1. Turn the generator set master switch to the OFF position.

2. Disconnect the generator set engine starting battery, negative (-) lead first.
3. Remove the fuse located at the P terminal. See Figure 1.
4. Disconnect plug P51 from the alarm panel.
5. Remove pins 1, 2, and 3 using a pin extractor (241919) from plug P51.
6. Reinstall pin 1 into plug P51-1. See Figure 1.
7. Reinstall pin 2 into plug P51-2. See Figure 1.
8. Reinstall pin 3 into plug P51-3. See Figure 1.
9. Reconnect plug P51 to the alarm panel.
10. Reconnect generator set engine starting battery, negative (-) lead last.



1. Alarm panel
2. Plug P51
3. Fuse
4. Leak detector
5. Plug P50

Figure 1. Leak Alarm Wiring Diagram

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