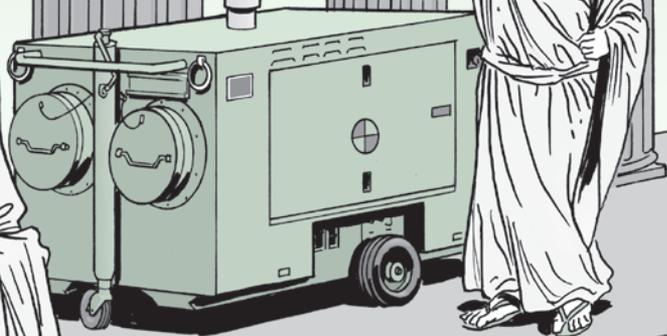


Large Capacity Field Heater, Type II...

THE FAULT, DEAR BRUTUS...

...MAY NOT BE IN OUR MAIN CONTROL BOXES, BUT IN OUR SOLENOIDS!



Dear Editor,

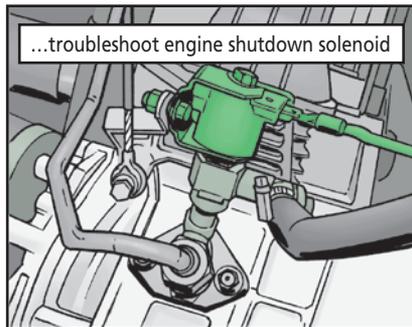
Recently, I was running some tests on several large capacity field heaters (LCFH), Type II. One of the heaters failed and fault code H562 appeared on the LED display of the operator control panel. Fault code H562 indicates a short circuit at the diesel engine fuel solenoid relay driver on the main control box printed circuit board.

WP 0012-12 of TM 10-4520-265-14&P (Jun 09) calls for the following action if you get fault code H562:

- 1 Turn the power switch to OFF and disconnect the negative battery terminal.
- 2 Replace main control box assembly like it says in WP 0074 of the TM.



If you get fault code H562...



...troubleshoot engine shutdown solenoid

After some troubleshooting with a multimeter, I found the real problem: A shorted engine shutdown solenoid triggered fault code H562. The solenoid reading was .004 ohms. It should have been around .075 to .078 ohms.

So, before you replace the main control box, check the resistance at the engine shutdown solenoid. If you get a low reading, it's the solenoid that needs replacing, not the main control box.

The solenoid, NSN 4810-01-568-7755, is Item 185 in Fig 8 (Sheet 10 of 10) of the TM.

SSG Rafael Rosario
CSMS
110th Maint Co
Devers, MA

Editor's note: Great work, Sergeant. You saved a bundle by replacing the engine shutdown solenoid. It costs a small fraction of what the main control box costs. The TM is in line for an update. Until then, make a note to change the corrective action on WP 0012-12, Table 1. LCFH Type II Fault Code Troubleshooting Procedures. If you get fault code H562, troubleshoot the engine shutdown solenoid before you do anything else.

Clothing...

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Medium	01-534-7376
Large	01-534-7377
X-large	01-534-7383
XX-large	01-534-7387

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<https://dod-email.dla.mil/acct/>

TO FIND OTHER KINDS OF COVERALLS ON THE WEBSITE, DO A QUICK SEARCH FOR COVERALLS.