

Product Support Bulletin



Service

Issue Date:

March 21, 2017

Global Lit Num:

CPGF - S - 00000423 - 0

Revision: 0

Title: HDKxx Intermittent Fuel Pump Failures

Model(s) HDKBB HDKBC HDKAH HDKAK HDKAT HDKAU HDKAV HDKCA HDKCB HDKCC HDKCD

Background/Description:

On the generator set models listed above utilizing pump A047N931, a potential condition has been identified that could cause the fuel pump to run intermittently or not run at all. The cause has been identified to be over crimped terminals to the fuel pump, circled in red in Figure 1.

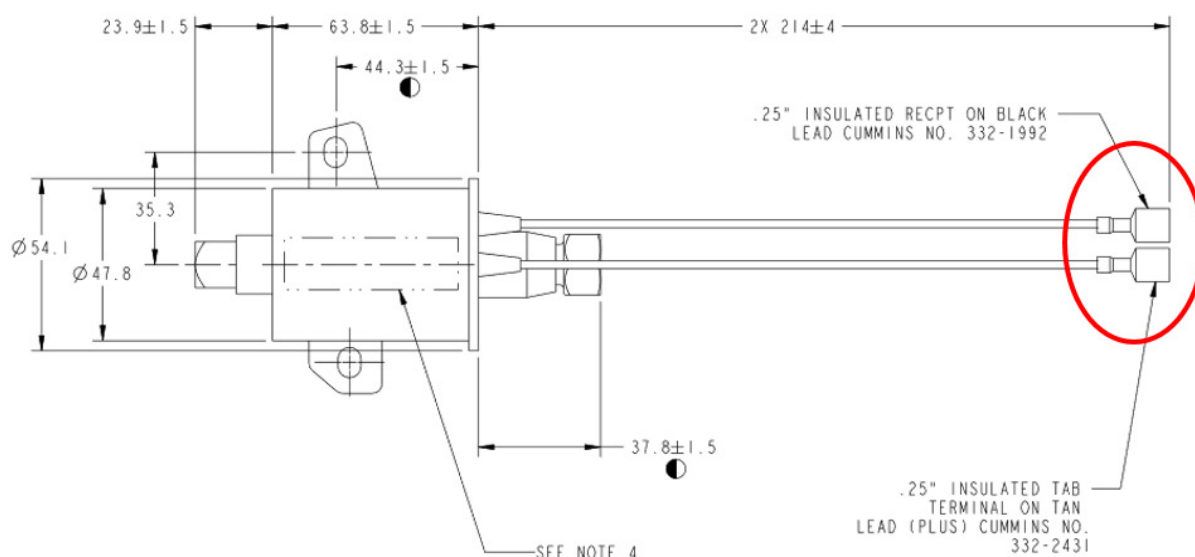


FIGURE 1

The root cause has been identified to be a process error during pump production, which

results in over crimping of the terminals and a poor connection. This error has been addressed by the pump supplier.

All defective pumps have a stamped date code of 140217. This translates to a pump build date of Feb 14, 2017.

Generator sets built between March 1, 2017 and March 20, 2017 may be affected, and the attached document lists these serial numbers.

You can open the document by clicking here



Corrective Actions:

If the above symptoms are occurring, the fuel pump needs to be replaced. Refer to the corresponding service manual for fuel pump replacement instructions.

This repair is on a fix-as-fail basis.
Standard warranty applies.

Warranty Statement:

Any work described in this PSB is covered by standard SRTs. See below.

HDKBx

00-901 Administrative Time - Open/Close Repair Order (Shop): 0.4 HRS

00-022 Troubleshoot Cranks But Will Not Start: 0.5 HRS

05-1AC Electrical Fuel Pump - R&I: 2.0 HRS

HDKAx

00-901 Administrative Time - Open/Close Repair Order (Shop): 0.4 HRS

00-022 Troubleshoot Cranks But Will Not Start: 0.7 HRS

05-1AC Electrical Fuel Pump - R&I: 1.6 HRS

HDKCx

00-901 Administrative Time - Open/Close Repair Order (Shop): 0.4 HRS

00-022 Troubleshoot Cranks But Will Not Start: 0.5 HRS

05-1AC Electrical Fuel Pump - R&I: 0.8 HRS

Contact:

For further questions or concerns regarding notification or the information stated above, please contact in the following order:

- 1) Your local Service Manager
- 2) The Cummins Distributor Technical Support line at 1-800-CUMMINS