

Product Support Bulletin



Service

Issue Date:

July 13, 2017

Global Lit Num:

CPGF - S - 00000443 - 0

Revision: 0

Title: HDKCx Loose Fuel Fittings

Model(s) HDKCA HDKCB HDKCC HDKCD

Background/Description:

On the generator set models listed above, a potential condition has been identified that could cause the generator to leak diesel fuel on either end of the fuel pump. The root cause has been identified to be an under-torqueing of the fuel fittings at the fuel pump during the assembly process.

If the fuel fittings are under-torqued, the generator will still run but there will be a slow fuel leak at the fuel pump.

Certain generator sets are suspect. A complete list of serial numbers are attached here



Corrective Actions:

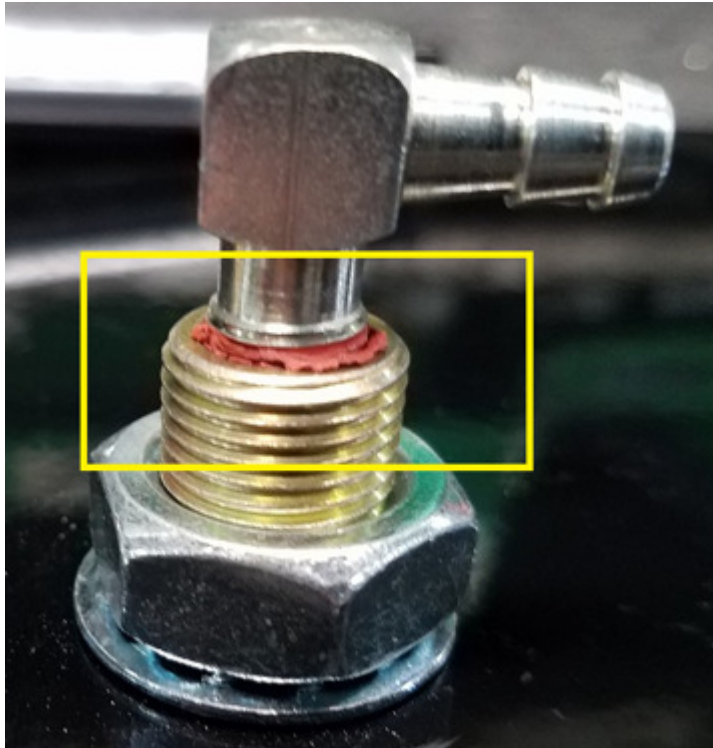
If you have a generator listed in the attached list, please check the fuel pump fittings by following the steps below.

1. Open the back bulk panel by removing all 9 bolts and pull panel off by using a 10mm socket wrench.



2. Locate the silver 90 degree elbow fitting (on the left) and visually inspect. If 2-3 threads are showing, or if the fitting cannot be loosened by hand, the fitting is properly installed and no further action is needed. If 6-7 threads are exposed, or if the fitting can be loosened by hand, the fitting is not torqued correctly and continue on to the next steps.





3. If the fitting is loose, remove the hose clamp and pull hose off the fitting. Use a rag or container to capture excess fuel.



4. Using a 7mm torque wrench, torque fitting to 7 N-m. If 90 degree elbow is not in correct position after torque click, continue to turn elbow until it is in position.



5. Place a new hose clamp on hose and insert hose back into fitting.



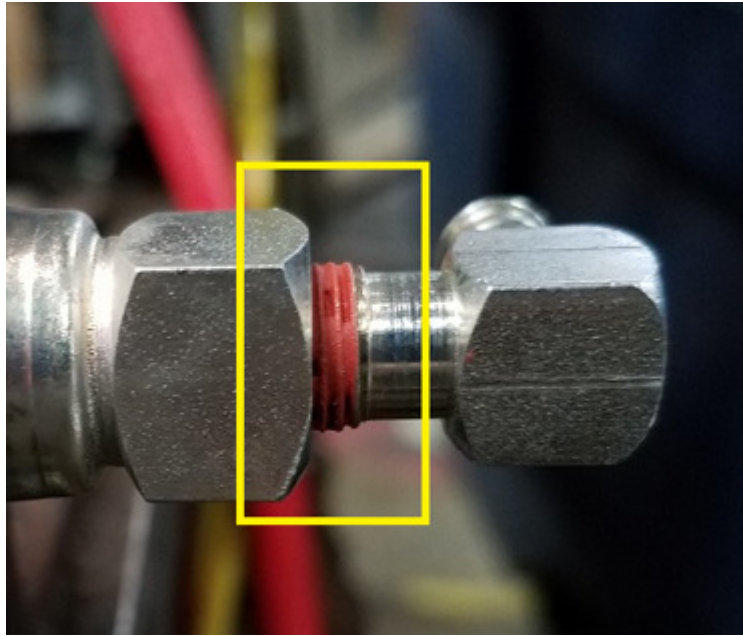
6. Remove the 4 bolts from side of skid using a 10mm socket wrench to get to the

fuel pump.



7. Locate the silver 90 degree elbow fitting on the fuel pump, shown below, and visually inspect. If 2-3 threads are showing, or if the fitting cannot be loosened by hand, the fitting is properly installed and no further action is needed. If 6-7 threads are exposed, or if the fitting can be loosened by hand, the fitting is not torqued correctly and continue on to the next steps.



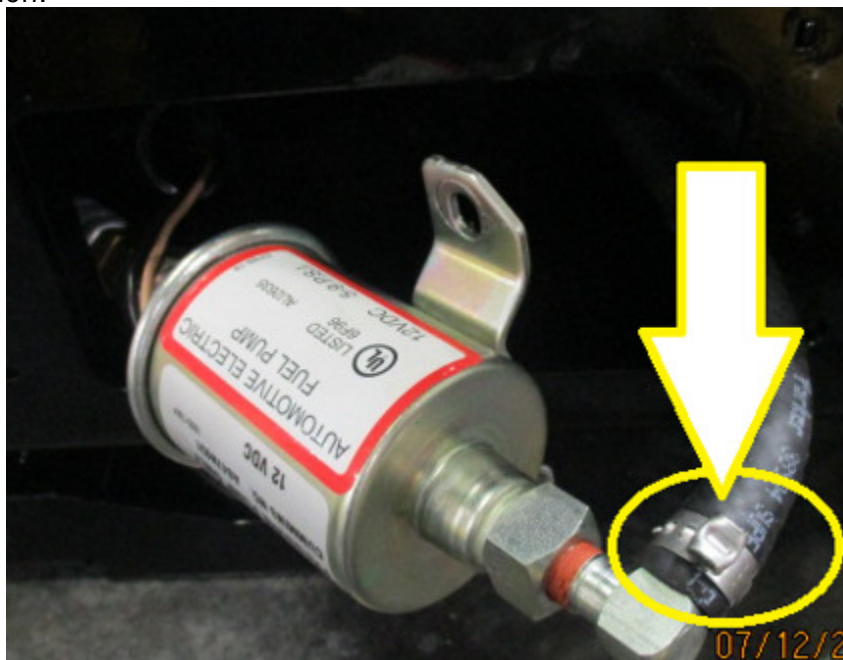


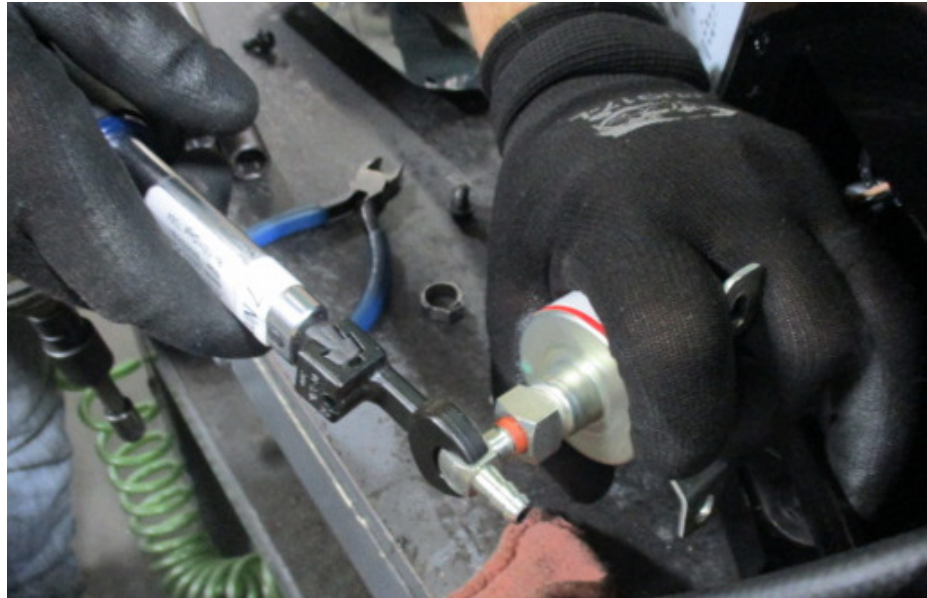
8. If fitting is loose, remove the 2 bolts holding the fuel pump and remove pump.





9. Remove hose clamp, remove the fuel hose and tighten the fitting to 7 N-m. If 90 degree elbow is not in correct position after torque click, continue to turn elbow until it is in position.





10. Place a new hose clamp on hose and insert hose back into fitting. Mount the fuel pump.



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.

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

99-999 Rework Time: 0.5 HRS

If genset needs removed from vehicle

00-1AE Generator Set R&I: 2.1 HRS

Contact:

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