KENWORTH
A PACCAR COMPANY

Technical Information Bulletin

E168

Section

Fuel

Subject

PACCAR MX-13 injector sealing rings

Release Date

1/17/2017

Revision

01/19/2017: Added note about Rapido procedure deviations and a second quick claim code for vehicles with valve cover gasket replacements.

Condition

Over time combustion gasses may erode the injector sealing rings, eventually leaking past the ring and forcing air into the fuel system, triggering fault codes P1086, P228D, P0087, P00BA, P0094 or P0093.

Chassis Affected

2,478 chassis (2,064 U.S. and 414 Canada) equipped with a PACCAR MX-13 EPA2013 MY2016 engine. See the attached chassis list for specific chassis.

Action

CAMPAIGN

Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list. Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis. This campaign can be performed at any time convenient for the customer (for example: during next scheduled maintenance interval). Follow the procedures, listed below, to replace the injector sealing rings. Review the DWWC or SIR for “Complete” next to the “E168” campaign code prior to performing this repair.

NOTE

For the purposes of this campaign, the attached procedure has been validated and should be followed. Deviations from the procedure present in Rapido are being reviewed and appropriate updates to Rapido procedures will be made as soon as feasible.

Warranty

There is no time or mileage limit for this emissions recall. Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 3.6 hours labor to replace the injector sealing rings on a PACCAR MX-13 engine with fewer than 100,000 miles on the vehicle. (Use Quick Claim Code E168A).
- 3.6 hours labor to replace the injector sealing rings and valve cover gasket on a PACCAR MX-13 engine with greater than 100,000 miles on the vehicle. (Use Quick Claim Code E168B).
- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.

NOTE: The vehicle’s cab does NOT need to be lifted to perform this repair.

NOTE: Kenworth dealers may perform E168 repairs on Peterbilt chassis, but Quick Claims do not apply. For Peterbilt chassis repairs, use the long claim input form in DWWC selecting "Draft/Offline Claims," the "General" tab, and in the "Type of Claim" drop down box, select "PACCAR Engine Claim," then manually enter claim codes (Campaign #, Failure type, and SRT).

CLAIM CODING

Failure Location: 044-004-999	Work Accomplished: 21
Failure Type: 102	Responsibility Code: 05
SRT Code: ESB-168	Claim Type: F

Take-Off Parts Disposition: Destroy take-off parts.

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
6	1865847PE	Injector O-ring
6	1638270PE	Injector O-ring
6	2127551PE	Injector sealing ring
6	1313120PE	Injector hold down bolts
2	1858035PE	Usit rings

Background

Worn production tooling may cause a premature failure of the injector sealing rings.

Attachments

Chassis List

Customer Letter

Procedure

Authored by: GH

Access to PACCAR's Enterprise Portal is provided as a benefit of doing business with PACCAR. All applications and content accessed through this system are confidential and proprietary and the property of PACCAR Inc and its suppliers, and must be kept strictly confidential pursuant to the contract licensing such access. Disclosure, publication, release or distribution of any material found on PACCAR systems to any person other than employees with a need to know such information is strictly prohibited. All activity on this system is monitored. If PACCAR suspects or discovers any unauthorized activity, access may be immediately terminated without prior notification. Violators may be subject to legal action.

© Copyright 2017 PACCAR Inc. All rights reserved. We welcome your feedback on this page. For technical questions or concerns about this page, please contact the DealerNet Webmaster.