KENWORTH
A PACCAR COMPANY

Technical Information Bulletin

E177

Section

Fuel

Subject

PACCAR MX-11 Injector Sealing Rings

Release Date

2/21/2017

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

58 chassis (53 U.S. and 5 Canada) equipped with a PACCAR MX-11 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 “E177” 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:

- 3.0 hours labor to replace the injector sealing rings on a PACCAR MX-11 engine with fewer than 100,000 miles on the vehicle. (Use Quick Claim Code E177A).
- 3.0 hours labor to replace the injector sealing rings and valve cover gasket on a PACCAR MX-11 engine with greater than 100,000 miles on the vehicle. (Use Quick Claim Code E177B).
- 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 E177 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-177	Claim Type: F

Take-Off Parts Disposition: Return Parts to:

EZTRAC PACCAR Parts
6853 Southlake PKWY

Suite 200
MORROW, GA
30260

Ship code: AM

Freight: GROUND UPS 6VA425 / FEDEX 463963622

Parts

Parts are available from PACCAR Parts.

For PACCAR MX-11		
Quantity	**PPD P/N (Order this)**	**Description**
6	1944124PE	Injector O-ring
6	2127551PE	Injector sealing ring
6	1313120PE	Injector hold down bolts
1	1917012PE	Intake gasket
2	2004292PE	Injector leak-line O-rings
1	2015102PE	O-ring fuel fitting
1	D42-1003	Charge air pipe gasket

Background

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

Attachments

Chassis List

Customer Letter

Procedure

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