

E298: PACCAR MX-11 EMY2018 Contaminated Crankcase Pressure Sensor

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Number

E298

Description

E298: PACCAR MX-11 EMY2018 Contaminated Crankcase Pressure Sensor

Subject

E298: PACCAR MX-11 EMY2018 Contaminated Crankcase Pressure Sensor

Date

2/24/2023

Condition

Certain Engine Model Year 2018 PACCAR MX-11 engines must have the crankcase pressure sensor replaced due to contamination during assembly.

Chassis Affected

50 Model Year 2018-2019 T680 and T880 chassis equipped with Engine Model Year 2018 PACCAR MX-11 engines.

Action

Campaign

Service all affected chassis that enter your dealership, even if the customer has no issue with the chassis.

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
2. In Service Management, select Campaign **E298** to add it to the case. If the unit is released back into service without performing the repair, make sure to also release the Campaign in Service Management.
3. If you are not using Service Management to start repair orders, review SIR for "Complete" or "In

Process" next to the **E298** campaign code prior to performing this repair.

4. Follow the procedures below to replace the Crankcase Pressure Sensor and clear fault codes.
5. Attach a Trip and Total Recorder Report and a DAVIE4 Session Report to the warranty claim. See procedures for details.

Warranty

For repairs completed by 03/01/2024, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- **0.6 hours** labor to replace Crankcase Pressure Sensor, download DAVIE4 Trip and Total Recorder and Session reports, and clear inactive DTCs with no active DTCs. Use Quick Claim Code **E298A**.
- **0.8 hours** labor to replace Crankcase Pressure Sensor, download DAVIE4 Trip and Total Recorder and Session reports, and perform repair verification for active code P1404. Use Quick Claim Code **E298B**.
- **1.2 hours** labor to replace Crankcase Pressure Sensor, download DAVIE4 Trip and Total Recorder and Session reports, and perform repair verification for active code P1407. Use Quick Claim Code **E298C**.
- **0.6 hours** labor to replace Crankcase Pressure Sensor, download DAVIE4 Trip and Total Recorder and Session reports, and perform repair verification for active code P1408 and/or P1870. Use Quick Claim Code **E298D**.

Attach a Trip and Total Recorder Report and a DAVIE4 Session report to the warranty claim to document active fault codes. See procedures for details.

Additional troubleshooting and repairs for active DTCs are NOT covered by this bulletin or quick claims. File for additional troubleshooting and repair as appropriate in accordance with any applicable warranty.

- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.
- File the claim within 14 days in accordance with Warranty Policy [CA009](#).

Kenworth dealers may perform E298 repairs on Peterbilt chassis, but Quick Claims do not apply. For Peterbilt

chassis repairs, use the long claim input form.

PRWS CLAIM CODING			
Campaign Code:	E298	Campaign Type	Field Repair
Claim Category:	Engine	Repair Type	Proactive
Customer Concern Code	010	Causal Code	A1
Corrective Action Code	03	Responsibility Code:	Camp
Failure Location	045-021-029	Causal Part	1995381
Supplier Code	N/A	SRT Code	<p>B22-006 0.6 hrs Replace Crankcase Pressure Sensor according to Bulletin Procedures – No active codes</p> <p>B22-007 0.8 hrs Replace Crankcase Pressure Sensor according to Bulletin Procedures – P1404 Active</p> <p>B22-008 1.2 hrs</p>

			Replace Crankcase Pressure Sensor according to Bulletin Procedures – P1407 Active B22-009 0.6 hrs Replace Crankcase Pressure Sensor according to Bulletin Procedures – P1408 or P1870 Active
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Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	2259058PE	Crankcase Pressure Sensor
As Needed	Source Locally	Cable Ties

Background

Crankcase pressure sensors on certain MX-11 EMY2018 engines may have been contaminated during initial assembly and subject to premature failure. Affected chassis will have the sensor replaced.

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely

repaired and maintained.

Follow the attached procedures to replace the Crankcase Pressure Sensor.

Links

[Chassis List](#)

[Customer Letter](#)

[Procedures](#)

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