



Service Bulletin

14-17

Section

Gauges-Accessories

Description

Model 579/567 Outside Air Temperature Sensor in Mekra Lang Mirror

Release Date

10/31/2017

Revision History

11/02/2017 - Removed campaign verbiage from bulletin. Added Fix-As-Required.

Introduction

Peterbilt has determined that certain Model 579/567 vehicles built with a Mekra Lang driver's side mirror with an outside air temperature sensor between 01/15/2015 and 02/02/2017 manufactured with a PACCAR MX or Cummins engine. The outside air temperature sensor may fail with DTCs P0072, P0073, and/or P009a.

Resolution

Fix-As-Required

Follow the procedures below to replace the OAT sensor.

Warranty

Through Standard Warranty Peterbilt will pay for parts at dealer net plus applicable mark-up and labor.

- 0.3 hours labor to Replace the OAT sensor and, if needed correct the harness routing. Use Quick Claim Code 14-17.
- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.

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For Field...	Enter...
Failure Location	003-001-151
Failure Type	700
Claim Type	C
Campaign Number	14-17
SRT 002-248	0.30 hours labor to R&R the outside air temperature sensor.

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	Q21-6134	OAT sensor with butt splices
2	HT92500	2 pieces of 6 in. long, 1/4 in. diameter heat shrink
2	Cable ties	Locally sourced
As required	Fuel for heat gun	Locally sourced

Procedure

Tools

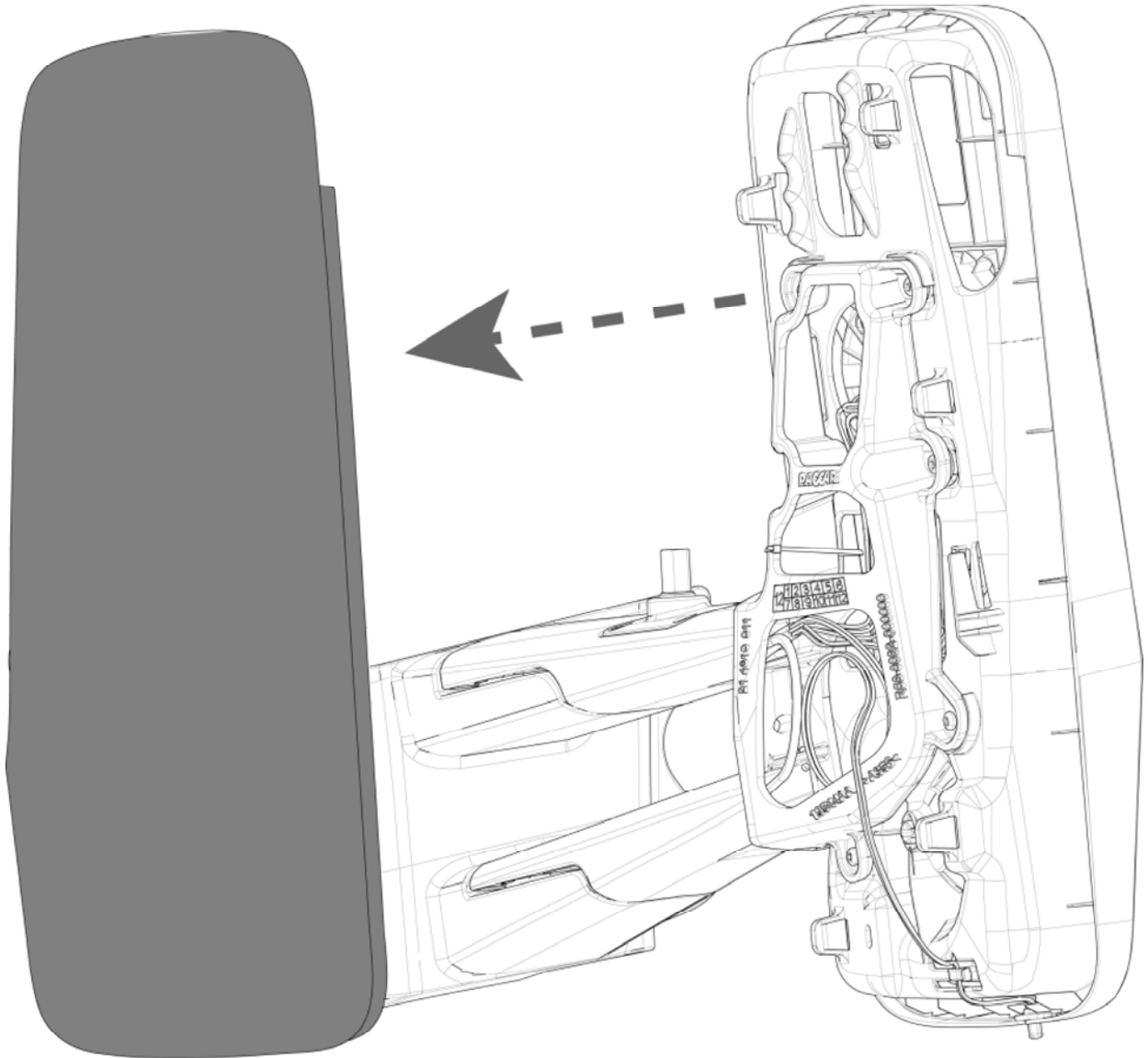
- Trim removal tool
- Wire cutter
- Knife
- Wire stripper
- Crimper
- Heat gun

Consumables

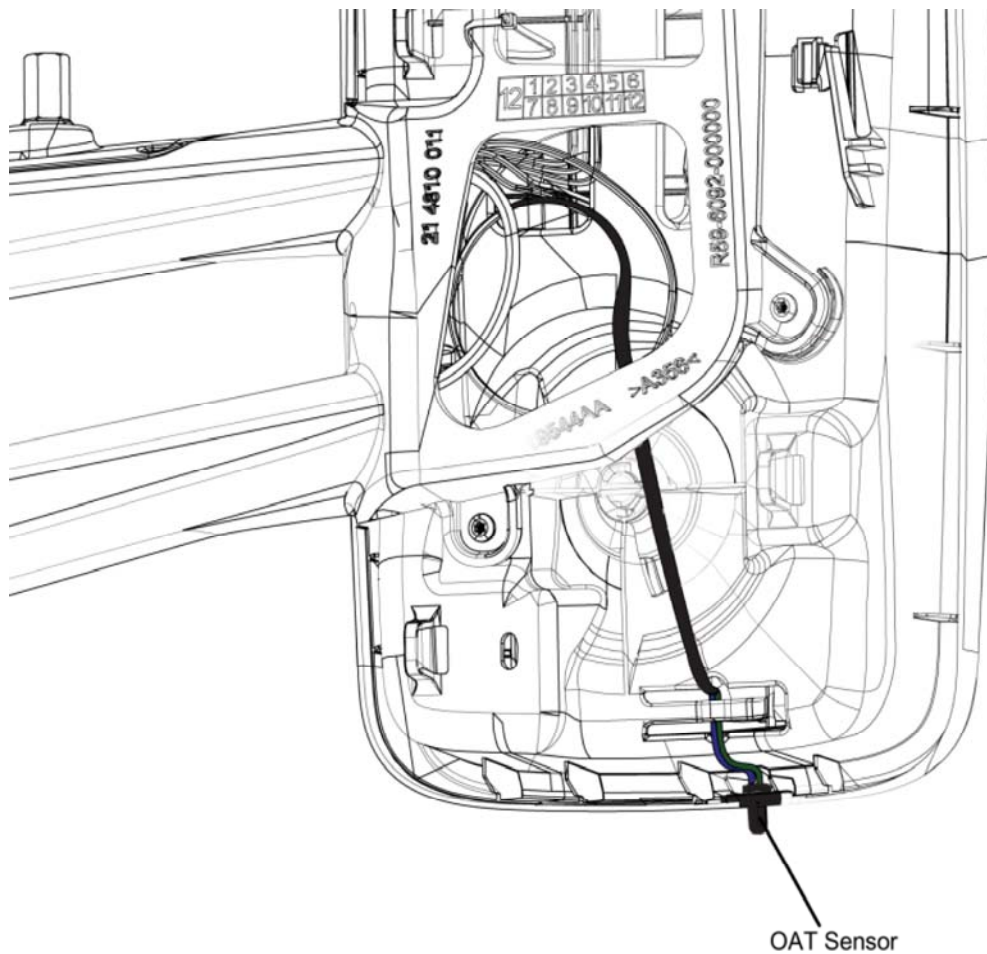
- Fuel for heat gun
- Heat shrink (1/4 inch) HT92500
- Cable ties

Procedure

1. Remove the mirror cover.



2. Remove OAT sensor from the mirror bezel and harness retainer.



3. Cut OAT sensor wires approximately 5 inches (125 mm) above the sensor to ensure that any salt wicking is eliminated.
4. Remove approximately 4 inches of harness cover from the OAT sensor harness.
5. Slide a 6-inch piece of heat shrink over the harness.
6. Cut two pieces of heat shrink that are approximately 3 inches long. Install one piece on each of the vehicle side wires.
7. Connect the OAT sensor to the harness using the supplied butt splices—match the wire colors.
8. Shrink the integral heat shrink of the butt splices.
9. Slide the 3-inch heat shrinks over the butt splices. Ensure that they shield both ends of the butt splices and then shrink them.
10. Slide the remaining shrink tubing down, over the upper end of the splices and shrink it.
11. Install the OAT sensor into the bottom of the mirror bezel and tuck the harness under the harness retainer.
12. Pull the cable slack up and coil it between the mirror and mirror frame. Use cable ties to hold the slack in place. Ensure that the slack will not interfere with the bezel.
13. Ensure that the wire harness is not pinched anywhere.
14. Install the mirror cover.

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