



Service Bulletin

26-034

Section

26 - Trans-Manual

Description

Eaton Endurant / PACCAR AMT Fluid Pressure Sensor Clearance

Release Date

9/13/2019

Introduction

Certain model 579 and 567 vehicles equipped with Eaton Endurant or PACCAR AMT transmissions, built between 5/01/2017 and [4/07/2019](#), may have a fluid pressure sensor rubbing or experiencing hard interference with routing brackets, power cables, wiring harnesses, or air lines in the driver's side frame rail.

This problem may present itself in a number of ways including unexplained fault codes, blown fuses or air leaks. Some examples are listed below.

- If there is damage to the fluid pressure sensor or wire, there could be a transmission fault code for fluid pressure.
 - If there is damage to the cab power harness, this could result in Chassis Harness-related faults or blown fuses.
 - If there is damage to the after-treatment harness, there could be DEF related fault codes.
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Resolution

Fix-as-Fail

If a customer comes into your dealership and demonstrates any of the conditions above, inspect the transmission pressure sensor area and confirm clearance to the surrounding routings. If there is interference or a hard rub, add the 90-degree fitting to achieve the necessary clearance.

Warranty

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

- 0.5 hours to install the 90-degree fitting for improved clearance to the transmission pressure sensor. Use Quick claim number 26034.
- If you are not using SmartLINQ Service Management to start repair orders, review the DWWC or SIR for "Complete" next to the "26-034" campaign code prior to performing this repair.
- Direct Fleets and Dealer Sponsored Fleets (DSF) may not use quick claims when submitting for repairs on chassis related to this bulletin but must submit a long form specifying part numbers, quantities, and pricing for parts used in the repair. Submittal of a Quick Claim for repairs made by the Fleet will be denied as pricing is incorrect on quick claims.
- File an additional claim for extraordinary circumstances, referencing 26034 in the CCC. A quick claim for standard labor must be filed first.

For Field...	Enter...

Failure Location	027-026-034
Failure Type	700
Claim Type	N
Campaign Number	26-034
Labor: SRT 026-504	0.5 hours: PACCAR AMT or Eaton Endurant Transmission Fluid Pressure R&R

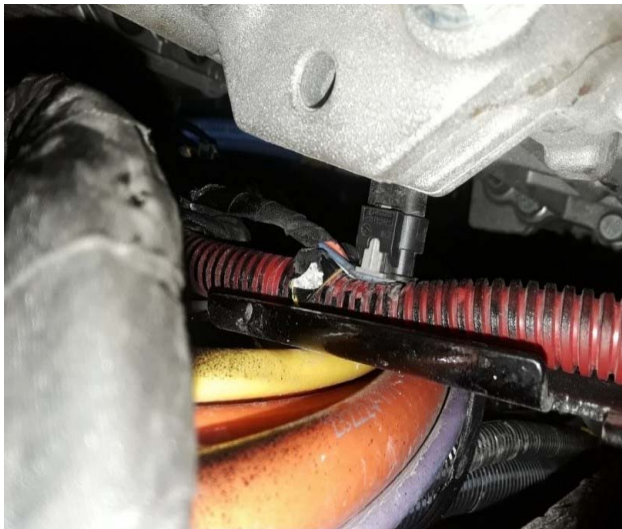
Parts

Quantity	Part Number	Description
1	M30786M14M14NW0C67	90-degree fitting

Procedure

1. Inspect for clearance between the transmission fluid pressure sensor and the chassis bundle and surrounding routing brackets.
2. If a rub exists (example in Figure 1), disconnect the harness from the sensor.

Figure 1

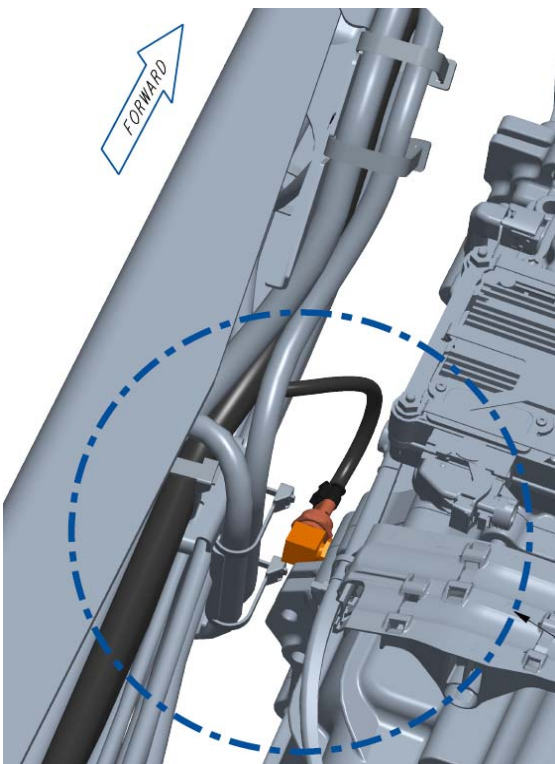


3. Remove the transmission fluid pressure sensor.
4. Install the 90-degree fitting pointed toward the front of the truck and angle slightly downward (oriented between 8 o'clock and 9 o'clock), as shown in Figures 2 and [3](#). The downward angle is necessary to avoid water accumulation. Torque the fitting to 25-28 ft-lbs (34-38 Nm).

Figure 2



Figure 3



5. Reinstall the sensor into the 90-degree fitting. Torque the sensor to 25-28 ft-lbs (34-38 Nm).
6. Reconnect the harness to the sensor.
7. Secure slack as necessary to accommodate the new sensor position. Ensure that there is adequate slack to allow for transmission movement.

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