

TT8819EN
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Page 1 of 1

SUBJECT: Diagnostic Trouble Code (DTC) P2637 in Vehicles with Cummins EPA17 L9 and X15 Engines

MODELS AFFECTED: Vehicles Equipped with Cummins EPA17 L9 or X15 Engines and 3000/4000 Series Transmissions

Description of Complaint:

Some vehicles equipped with the Allison 3000/4000 Series transmissions and Cummins EPA17 L9 or X15 engine combinations may illuminate the **CHECK TRANS** light due to an active DTC P2637 (Torque Management Feedback Signal "A" (SEM)) logged by the Transmission Control Module (TCM).

Cause:

Certain operating conditions cause the engine to inadequately follow a torque management request set by the TCM within the allowable limits.

Service Channel Procedure:

Vehicles setting the **CHECK TRANS** light due to DTC P2637 will require the Engine Control Module (ECM) to be recalibrated by an authorized Cummins Dealer. Cummins has released a Technical Service Bulletin TSB210020 (Allison Transmission® Fault P2637 Caused by Engine Control Module (ECM) Calibration) to resolve the issue. Refer the Cummins Dealer to TSB210020.

No changes are required to Allison hardware or TCM software.



NOTE: This issue is the responsibility of the engine manufacturer and/or Original Equipment Manufacturer (OEM) Please contact your OEM Dealer to correct the issue. Allison Transmission product warranty will not cover this repair.