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TT7539EN, Rev. B
August, 2018
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SUBJECT: Incorrect 5th Generation Controls Load-Based Shift Scheduling (LBSS) Calibration Settings by Freightliner Custom Chassis Corporation (FCCC)

MODELS AFFECTED: FCCC Vehicles with 1000/2000/3000 Series Transmissions with 5th Generation Controls



NOTE: FCCC dealers are asked to coordinate with Allison distributors/dealers for repair as outlined in ICI15-001. FCCC has agreed to utilize and pay the Allison service channel for repairs.

Description of Complaint:

Customers are likely to experience poor performance during normal driving conditions.

Background:

FCCC supplied incorrect 5th Generation Controls calibration settings for chassis that utilize LBSS/DSS in vehicles built between August 27, 2013 and June 26, 2014. These incorrect calibration settings can cause a vehicle to perform in economy mode when it is set for performance mode. These settings can also cause a vehicle to function in performance mode when it is set for economy mode.

Service Procedure:

Using Allison TCM Reflash™, enter the TCM Serial Number into the 5th Generation Controls database. The system will correct the calibration settings for this specific TCM. This calibration setting correction will only occur on the VINs defined by FCCC and the corresponding TCM Serial Numbers.



NOTE: If an engine warning light is set during this procedure, it can be turned off by starting the engine and letting it idle until the dash warning lights go off; run the engine up to 1500 RPM, return to idle, and turn the engine off. Repeat this procedure 3 to 5 times, depending on the engine manufacturer.



NOTE: The issue outlined in this document is not an Allison Transmission, Inc. defect in material or workmanship.

Claim Filing Procedure:

As of February 29, 2016 claims for reflashing the TCM under this Tech Tip, TT7539 will no longer be paid by Allison Transmission, Inc. or the OEM. Any TCM reprogramming related to this Tech Tip will be a Customer Pay invoice. This Tech Tip will remain as a technical reference document only.