



# Technical Service Bulletin

<b>Technical Service Bulletin: TSB210020</b>	<b>Released Date: 13-Jan-2022</b>
<b>Allison Transmission® Fault P2637 Caused by Engine Control Module (ECM) Calibration</b>	

## Allison Transmission® Fault P2637 Caused by Engine Control Module (ECM) Calibration

### Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

### Contents

#### Product Affected

- B6.7 CM2450 B155B
- L9 CM2350 L116B
- L9 CM2350 L123B
- L9 CM2450 L126B
- X15 CM2350 X114B
- X15 CM2350 X116B
- X15 CM2450 X124B
- X15 CM2450 X134B

#### Issue

Symptom:

- CHECK TRANSMISSION lamp is illuminated
- Shift quality issues and gear limitation
- Active or inactive Allison Transmission® fault P2637

Root Cause:

- Engine control module (ECM) calibration code

#### Verification

- Verify Allison Transmission® fault code P2637 is active or has inactive counts.
- Compare the ECM code and revision number in the ECM to the calibration revision listed in the ECM calibration revision history on QuickServe® Online (QSOL) for applicable changes.

## Resolution

- Cummins Inc. is releasing ECM calibration revisions that reduce occurrences of Allison Transmission® fault P2637. Timing availability of the ECM calibration improvement will vary by engine service model name. See Table 1 below.
- If an ECM calibration update for this issue is available, the ECM calibration revision **must** be that revision or higher.
- If ECM calibration revision is **not** yet available for one of the listed engine service model names, cycling the key can temporarily extinguish the CHECK TRANSMISSION lamp and return the vehicle to normal operation until the fault comes active again.
- If the ECM already contains the ECM calibration improvement for P2637, reference the OEM or Allison Transmission® service processes.

<b>Service Model Name</b>	<b>P2637 Calibration Improvement Available</b>	<b>Production Implementation Date</b>	<b>QuickServe® Online (QSOL) ECM Calibration Code Date</b>
B6.7 CM2450 B155B	Yes	6 August 2021	16 July 2021
L9 CM2350 L116B	Pending	-	-
L9 CM2350 L123B	Pending	-	-
L9 CM2450 L126B	Yes	15 March 2021	15 February 2021
X15 CM2350 X114B	Yes	18 October 2021	14 October 2021
X15 CM2350 X116B	Yes	18 October 2021	14 October 2021
X15 CM2450 X124B	Yes	1 January 2021	11 May 2021
X15 CM2450 X134B	Yes	17 December 2021	15 December 2021

## Document History

<b>Date</b>	<b>Details</b>
2021-1-29	Module Created
2021-6-25	Updated Table 1 for X15 CM2450 X124B.
2021-11-18	Non-Product Problem Solving (PPS)

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**Last Modified: 13-Jan-2022**

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