



Technical Service Bulletin

Technical Service Bulletin: TSB190012	Released Date: 17-Jan-2019
New Engine Control Module (ECM) Calibration Code for Turbocharger Compressor Seal Oil Leak	

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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 CM2350 B121B

Issue

Symptom:

- External lubricating oil leak
- Lubricating oil in charge air cooler (CAC)
- Lubricating oil leak at turbocharger

Resolution

A new engine control module (ECM) calibration code is available to prevent a pressure difference across the turbocharger during certain running conditions that can lead to compressor seal oil leaks.

Service Instructions

1. Complete the compressor seal oil leak troubleshooting tree. See corresponding Service Manual, Bulletin 5411223. Reference Symptom Tree t185.

- a. Repair any issues found during troubleshooting and clean lubricating oil from the turbocharger piping, charge air cooler (CAC), and intake as necessary.
 - b. If turbocharger is found to meet reuse guidelines as stated in troubleshooting tree. Do **not** replace turbocharger.
2. After repair is complete and the engine is operated, residual lubricating oil could be pushed from the turbocharger compressor housing and produce lubricating oil streaks in or on the turbocharger piping. This observation alone does **not** constitute a malfunction that requires further repair.
3. Calibrate the unit with latest engine control module (ECM) calibration code if ECM calibration code has **not** been updated prior to December 2018.

Document History

Date	Details
2019-1-15	Module Created

Last Modified: 17-Jan-2019
