

Technical Service Bulletin Number
TSB170020



Technical Service Bulletin

Subject

Aftertreatment Selective Catalytic Reduction (SCR) System Test Aborts in Aftertreatment SCR Catalyst Test Section

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

- ISL9 CM2350 L101

Issue

Symptom:

- Aftertreatment SCR System Test aborts in Selective Catalytic Reduction (SCR) catalyst test section for low aftertreatment diesel particulate filter (DPF) outlet temperature.
- The following message will be displayed in main test status window:
 - The test has stopped because the DPF Outlet Temperature is out of the desired range. Correct the issue, key OFF, allow the ECM to completely power down, key ON, and restart the test.
- This issue **only** impacts engines with ECM calibration codes for newer version of SCR catalyst, with **only** two sensor bungs. For more information on visual identification of

SCR catalyst version, see Technical Service Bulletin, New Aftertreatment Selective Catalyst Reduction (SCR) Catalyst Part Numbers, TSB150105.

Root Cause:

- Incorrect engine speed set point in last stage of SCR catalyst test can cause aftertreatment DPF temperatures for some engines to drop below low threshold and abort test.

Verification

- Verify SCR System Test is aborted for low aftertreatment DPF outlet temperature **only** in SCR catalyst test section.

Resolution

- An updated ECM calibration code has been released to resolve this issue.
- Install an ECM calibration code released November 2016 or later. See ISL9 CM2350 L101 Service Manual, Bulletin 4310787. Refer to Procedure [Refer to Procedure 019-032](#), in Section 19.

Document History

Date	Details
2017-2-16	Module Created

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