



Technical Service Bulletin

Technical Service Bulletin: TSB200102

Released Date: 27-Apr-2020

Aftertreatment Diesel Exhaust Fluid (DEF) Dosing Unit Does Not Run During the DEF System Leak Test in INSITE™ Electronic Service Tool: Fault Code 1682 or 3574

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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.

Information Only - OEM Related Matter Not Covered By Cummins® - Contact Appropriate OEM Dealer or OEM Representative For Additional Information

Contents

Product Affected

- B6.7 CM2350 B121B
- L9 CM2350 L116B
- X12 CM2350 X119B
- X15 CM2350 X114B
- X15 CM2350 X116B

Issue

Symptom:

- Active Fault Code 1682 or 3574
- DEF dosing unit **not** running when the DEF System Leak Test is run.

Root Cause:

- High resistance in OEM harness causes voltage dropout and could be leading to FC1682 or FC3574 coming active incorrectly.

Verification

- Proceed to perform Aftertreatment Diesel Exhaust Fluid Voltage Drop Test. See corresponding Service Manual. Reference Procedure 011-165 in Section 11.

- Confirm if voltage drop detected after completing the procedure was within specification.
- If the voltage drop is within specification, proceed to the corresponding Troubleshooting Tree for the respective fault code.
- If the voltage drop is **not** within specification, proceed to the Resolution section below.

Resolution

- Malfunctioning OEM Wiring harness is detected if the voltage drop is **not** within specification.
- Repair or replace the OEM wiring harness. See corresponding Service Manual. Reference Procedure 019-071 in Section 19.

Document History

Date	Details
2020-4-27	Module Created

Last Modified: 27-Apr-2020
