



Technical Service Bulletin

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Aftertreatment Diesel Exhaust Fluid (DEF) Dosing Unit with Fault Codes 3558 and 3559	

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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
- L9 CM2350 L116B
- X12 CM2350 X119B
- X15 CM2350 X114B
- X15 CM2350 X116B

Issue

Multiple trouble not found aftertreatment DEF dosing unit have been returned from the field due to being replaced while troubleshooting Fault Codes 3558 and/or 3559.

Symptom:

- Active Fault Codes 3558 and/or 3559 present.
- Aftertreatment diesel exhaust fluid (DEF) dosing unit may appear to be non-functional

Root Cause:

- Neither a good or malfunctioning aftertreatment DEF dosing unit can cause Fault Codes 3558 or 3559 to come active as these fault codes are isolated within the OEM wiring harness.
- An electrical short or open circuit has been detected in the DEF dosing unit OEM wiring harness.

Verification

- Active Fault Codes 3558 and/or 3559 present.
- Aftertreatment DEF dosing unit may appear to be non-functional.

Resolution

- Follow appropriate troubleshooting steps as outlines in the corresponding fault code Troubleshooting trees and/or EDS.
- Review OEM service information for documentation related to Fault Codes 3558 and/or 3559.

Service Instructions

- Connect with INSITE™ electronic service tool and check for active fault codes.
- If Fault Codes 5865 or 5867 are present, troubleshoot these fault codes before troubleshooting Fault Codes 3558 or 3559.
- If Fault Codes 3558 and/or 3559 are the only active fault codes, do not replace aftertreatment DEF dosing unit. Follow corresponding troubleshooting documentation.
- Check OEM aftertreatment DEF dosing unit relay wiring harness for chaffed wires, damaged/exposed wires, and/or damaged pins.
- Check OEM aftertreatment DEF dosing unit relay for proper operation.
- Check OEM wire between the aftertreatment DEF dosing unit and ECM pin 79 for chaffed wires, damaged/exposed wires, and/or damaged pins.
- Review OEM service information for documentation related to Fault Codes 3558 and/or 3559.

Document History

Date	Details
2019-11-21	Module Created

Last Modified: 25-Nov-2019
