



Technical Service Bulletin

Technical Service Bulletin: TSB150006	Released Date: 01-May-2018
Leaking Diesel Exhaust Fluid (DEF) from the Aftertreatment DEF Dosing Unit Electrical Connector	

Leaking Diesel Exhaust Fluid (DEF) from the Aftertreatment DEF Dosing Unit Electrical Connector

Core Issue

Product affected:

- B6.7 CM2350 B136C
- ISB/ISD4.5 CM2150 B119
- ISB/ISD6.7 CM2150 B120
- ISB4.5 CM2350 B104
- ISB6.7 CM2250
- ISB6.7 CM2350 B101
- ISB6.7 CM2350 B103
- ISC8.3 CM2250
- ISF2.8 CM2220
- ISF2.8 CM2220 AN
- ISF2.8 CM2220 IAN
- ISF3.8 CM2220
- ISF3.8 CM2220 AN
- ISF2.8 CM2220 F129
- ISF3.8 CM2220 IAN
- ISL8.9 CM2150 L110
- ISL9 CM2250
- ISL9 CM2350 L101
- ISL9 CM2350 L111
- ISX12 CM2350 X102
- ISX12/ISX11.9 CM2250
- ISX15 CM2250

- ISX15 CM2350 X101
- L9 CM2350 L119B
- L9 CM2350 L120C
- L9 CM2350 L123B
- QSB4.5 CM2350 B106
- QSB6.7 CM2350 B105
- QSB6.7 CM2350 B130
- QSF CM2350 F107
- QSF3.8 CM2350 F118
- QSL9 CM2350 L102
- QSL9 CM2350 L118
- QSX15 CM2350 X105
- QSX15 CM2350 X106

Symptom:

- Fault codes including but **not** limited to: 1682, 1696, 2976, 3558, 3559, 3572, 3574, 3577, 3596, and 4251.

Root Cause:

- Diesel exhaust fluid (DEF) can freeze, causing the aftertreatment DEF dosing unit electrical connector to crack and leak DEF.

Confirmation

- Use the appropriate fault code troubleshooting tree to confirm and troubleshoot the corresponding fault codes. See the corresponding Fault Code Troubleshooting Manual.
- During the troubleshooting process, look for evidence of leaking DEF around the aftertreatment DEF dosing unit electrical connector. See Figure 1 below.

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Figure 1

Resolution

If DEF is found leaking around the aftertreatment DEF dosing unit electrical connector, replace the aftertreatment DEF dosing unit. See the corresponding Service Manual. Reference Procedure 011-058 in Section 11.

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.

Document History

Date	Details
2015-1-28	Module Created

Date	Details
2016-7-22	Combined contents of TSB140048.
2018-4-25	Added engines to Product Affected section.

Last Modified: 01-May-2018
