

<b>Technical Service Bulletin Number</b>
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TSB150006
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## Technical Service Bulletin

### Subject

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

### Issue

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Product affected:

- 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
- 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
- QSB6.7 CM2350 B105

- QSB64.5 CM2350 B106
- QSF CM2350 F107
- QSL9 CM2350 L102
- 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.

## Verification

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- 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

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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

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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

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Date	Details
2015-1-28	Module Created
2016-7-22	Combined contents of TSB140048.

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**Last Modified: 02-Aug-2016**

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