Technical Service Bulletin

Technical Service Bulletin: TSB210152	**Released Date**: 01-Jul-2022
Fault Code 8154 or 8155 Caused by Acumen® Connectivity Module Software Update	

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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 CM2450 B155B
- L9 CM2450 L126B
- X12 CM2450 X137B
- X15 CM2450 X124B
- X15 CM2450 X134B

Issue

Acumen® connectivity modules analyzed by the factory have a high rate of trouble **not** found.

Symptom:

- Occurrence of Fault Code 8154 or 8155
- No Lamp/ Silent Fault set by FC8154 or FC8155
- During a firmware update of the Acumen® connectivity module FC8154 or FC8155 will become active. Following published troubleshooting of FC8155 leads to false replacement of the Acumen® connectivity module.

Root Cause:

- Fault Code 8154 or 8155 will become active when part one of the Acumen® connectivity module firmware update completes and will stay present until the Acumen® connectivity module firmware update is completed.

Verification

Verify FC8154 or FC8155 is present.

Resolution

- Follow published troubleshooting procedures for FC8154 or FC8155.
- If troubleshooting tree is exhausted, do **not** replace Acumen® connectivity module. Release unit back to customer.
- If no root cause is identified, FC8154 or FC8155 will clear after Acumen® connectivity module has completed firmware update. This can take a few months based on the module's cellular signal and the key cycle timing.
- Using the Cummins Guidanz® electronic service tool, if the Acumen® connectivity module has the new Acumen® software version, the Acumen® connectivity module **must** be replaced.

Table 1, Acumen® Software Version Matrix	
Existing Acumen® Software Version	**New Acumen® Software Version**
01.000.02&06.091.10&06.091.04	01.000.02&06.100.18&06.100.02
-	01.000.02&06.105.06&06.105.00

Document History

Date	Details
2021-7-15	Module Created
2021-8-13	Added reference to Fault Code 8154.
2022-6-29	Added Table 1. Updated Resolution section.

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