Technical Service Bulletin

Technical Service Bulletin: TSB220069	**Released Date**: 01-Jul-2022
Fault Code 6742 Caused by Acumen® Connectivity Module Software	

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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

- X15 CM2450 X124B
- X15 CM2450 X134B

Issue Summary

Acumen connectivity module **not** providing GPS antenna data for ADEPT, including the predictive cruise control, to operate correctly.

Symptom:

- Occurrence of Fault Code 6742
- No Lamp/ Silent Fault set by FC6742
- Following published troubleshooting of FC6742 leads to incorrect replacement of the Acumen® connectivity module

Root Cause:

- FC6742 will become active when connection is lost between the ECM and the Acumen® connectivity module. FC6742 in this instance is a false fault and will happen intermittently until the Acumen® connectivity module firmware is updated.

Verification

Verify Fault Code 6742 is present.

Resolution

- Follow published troubleshooting procedures for FC6742.

- If troubleshooting tree is exhausted, do **not** replace Acumen® connectivity module. Release unit back to customer.
- If no root cause is identified, FC6742 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
2022-4-4	Module Created
2022-6-29	Non-Product Problem Solving (PPS)

Last Modified: 01-Jul-2022

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