



Technical Service Bulletin

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Modified Troubleshooting for Fault Code 8156	

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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 Summary

Issue:

- Troubleshooting Inactive Faults and Hard-Resetting the Acumen Module

Root Cause:

- Internal issues in the Connectivity Module cause malfunction in communication with the ECM.

Verification

Investigation found the disconnection and reconnection of the Acumen Module with an active FC8156 resulted in a hard-reset of the Acumen Module followed by successful communication between that device and the ECM on the CAN.

Service Instructions

Initial Step: Review Historic Status of FC8156

- Fault Code is inactive with less than 20 counts of FC8156 – Fully disregard FC8156.
- Fault Code is inactive with more than 20 total counts of FC8156 – Continue to Hard Reset.
- Fault Code is active – Continue to Hard Reset.

Conduct 'Hard Reset' of the Connectivity Module:

- Determine location of the Connectivity Module. Mounting will vary by OEM including On-Engine, Under-Hood, or In-Cab.
- Unplug the large 36-pin connector from the back of the Connectivity Module.
- Wait 1-2 Minutes
- Reconnect the Connectivity Module.

Final Step: Check if FC8156 is active

- Fault Code is inactive - Fully disregard FC8156 and continue troubleshooting other fault codes present.
- Fault Code is active – Continue the published FC8156 troubleshooting.

Document History

Date	Details
2022-4-25	Module Created

Last Modified: 26-Apr-2022

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