



Technical Service Bulletin

Technical Service Bulletin: TSB250049

Released Date: 13-Mar-2025

Inactive Count of Fault Code 5297 at Each Key-On Cycle

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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

- X15N CM2380 X150B

Issue Summary

Symptom:

- Fault Code 5297

Root Cause:

- Error in messages being shared between the engine control module and the transmission control module.
- Fault Code 5297 occurs when the vehicle is stationary, engine off, and at key-on (power up). Fault Code 5297 is triggered by a datalink error in the predictive engine braking system software.

Verification

Perform multiple key cycles. Verify inactive Fault Code 5297 is incrementing at key-on with each cycle.

Resolution

- If Fault Code 5297 is inactive:
 - Do **not** troubleshoot. Disregard Fault Code 5297 and release the unit if no other symptoms exist.
- If Fault Code 5297 is active:
 - Follow published troubleshooting for Fault Code 5297.

Document History

Date	Details
2025-2-28	Module Created
2025-3-13	Corrected typo found in Resolution section of procedure where incorrect fault code number was listed.

Last Modified: 13-Mar-2025
