



Countries: CANADA, UNITED STATES **Document ID:** IK2600236
Availability: ISIS, FleetSIS, IsSIR **Revision:** 1
Major System: PROGRAMMING SUPPORT **Created:** 5/9/2018
Current Language: English **Last Modified:** 5/10/2018
Other Languages: NONE **Author:** Charles Schroeder
Viewed: 208

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Coding Information

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Title: Cummins ECM Programming Procedure for LT, HV, MV

Applies To: Cummins equipped LT, HV, MV

Change Log

Please refer to the change log text box below for recent changes to this article:

05/10/2018 - Added additional detail stating this does not affect a parameter only change. Added image for fuse panel location. 05/09/2018 - Initial Article Release.
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Description

When updating the calibraion in a Cummins ECM through the vehicle 9-pin diagnostic connector on LT, HV or MV the vehicle door pods will need to be disabled to ensure proper programming of the calibration and parameters occurs. If the procedure is not properly followed, the programming event will not properly complete.

- ECM Calibration update will be successful.
- Restore of ECM parameters will fail.

NOTE:

This does not apply to setting or changing a parameter only, such as maximum vehicle speed, when the ECM calibration is not changed.

Symptoms

Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

Special Tools / Software

Tool Description	Tool Number	Comments	Instructions
Cummins INSITE		EZ-Tech Software	

Service Parts Information

Kit Description	Part Number	Quantity Required	Notes
Not Applicable			

Diagnostic Steps

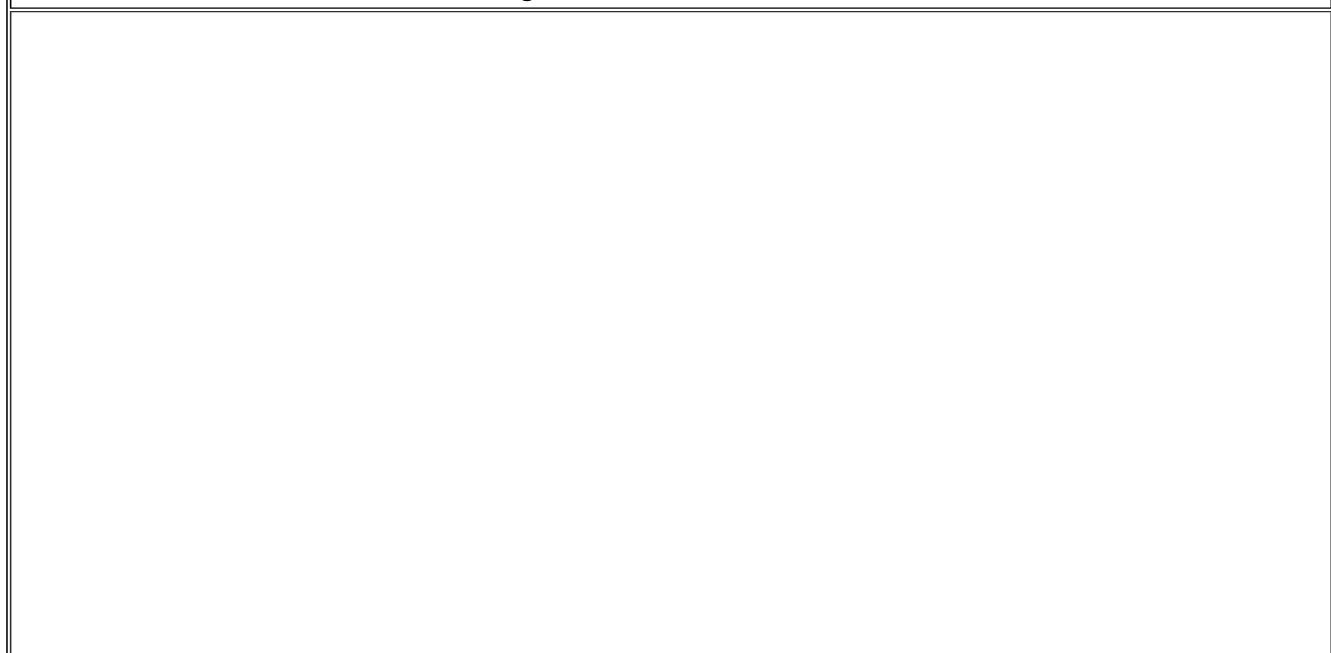
Not Applicable

Repair Step(s)

An interaction between the Engine ECM and Vehicle Door Pods requires the door pods to be disabled during the ECM calibration update.

1. Remove the fuse panel cover located at the top of the dash on the passenger side of the vehicle.
2. Reference the fuse panel graphic and locate the fuse locations for **Driver Side Window/Door/Mirror** and **Passenger Side Window/Door**
3. Remove both fuses
4. Connect the the ECM using the vehicle 9-pin diangostic connector
5. Update the ECM calibration with INSITE
6. Once all programming is complete disconnect the service tool from the vehicle 9-pin diagnostic connector
7. Re-install fuses for Driver Side Window/Door/Mirror and Passenger Side Window/Door

Figure 1 - Fuse Panel Location





1. Fuse Panel Cover

Warranty Information

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

Other Resources

[Master Service Information Site](#)

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		Viewed:	207
		Helpful:	4
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Staff ID	Client ID	Comments	Created Date
	DY08955	You received the following feedback From: dy08955 - David Gabrielle Email Address: gabe396@aol.com Job Classification: SE008, Service Technician Dealer: TRUCK KING INTL IDEALEAS Feedback: For years I have successfully used the ECM Reprogramming Harness, Nexiq Product Number: 406010 to update ECM calibrations on Cummins engines.	5/15/2018 5:56:20 AM

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