



Countries: CANADA, UNITED STATES **Document ID:** IK1600260
Availability: ISIS, FleetISIS, Body Builder, IsSIR **Revision:** 7
Major System: CAB / SLEEPER / HOOD **Created:** 11/30/2020
Current Language: English **Last Modified:** 4/25/2023
Other Languages: NONE **Author:** Sean McGannon
Viewed: 2859

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Coding Information

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Title: 16VLS, 16VUY, 16VVA and 16VUZ Tire Pressure Monitoring System (TPMS)

Applies To: 16VLS LT RH 16VUY 16VVA 16VUZ HV MV HX 16VVM

CHANGE LOG

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

04/24/2023 - Added auto learn information.
 01/13/2023 - Removed Gen 2 note now that DLB programming is available. Fixed formatting in tools list.
 07/07/2022 - Updated article title
 06/10/2022 - Added feature 16VVM to Gen 2 note.
 01/25/2022 - Added note for Gen 2 TPMS

DESCRIPTION

The 16VLS, 16VUY, 16VVA, 16VVM and 16VUZ Tire Pressure Monitor Systems provide warnings when the tire pressure is out of the desired range or the tire temperature is too high.

The system monitors the temperature compensated tire pressure of each wheel.

Tire pressure information is displayed, in the Cluster LCD display, for 4x2, 6x4, 6x6 and Super Single axle Configurations.

Does Not Include monitoring for lift axles, spare wheels, or trailer wheels.

All system programming is accomplished using the TPMS Programming selection found, under the Tool Tab, in the Diamond Logic Builder (DLB) software.

If more than one TPMS sensor or repeater is replaced the new sensor IDs will have to be programmed to the correct location using DLB. If a wheel/TPMS sensor changes position on the truck you will have to use DLB to move the sensor ID to the new location for the TPMS information in the cluster to be accurate.

If only one sensor is replaced the system can automatically learn the new sensor ID and it's location after driving the truck over 20MPH for at least 10 minutes.

Use the [TPMS Service Information](#) link under the PROCEDURE title header to access the [TPMS Service Information](#)

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
51-SPN 2000 FMI 9	Loss of Data Link from ECM

51-SPN 2051 FMI 12	Failure of NVM
51-SPN 241 FMI 17	Low Tire Pressure
51-SPN 241 FMI 18	Extremely Low Tire Pressure
51-SPN 241 FMI 15	High Tire Pressure
51-SPN 242 FMI 15	High Tire Temperature

Customer Observations or Concerns:

Warning Indication in Cluster
Audible Alarm from Cluster

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
Diamond Logic® Builder		EZ-Tech Software	
J1939 Interface Cable		RP1210A Compliant Interface	

[Tools Resource Center](#)

SERVICE PARTS INFORMATION

Please refer to the parts catalog

PROCEDURE

Use the link below to open the service information guide:

[TPMS Service Information](#)

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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