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Major System: CAB / SLEEPER / HOOD **Created:** 11/30/2020
Current Language: English **Last Modified:** 12/8/2020
Other Languages: NONE **Author:** Al Schnellenberger
Viewed: 138

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Coding Information

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Title: 16VLS Tire Pressure Maintenance System (TPMS)

Applies To: 16VLS LT RH

CHANGE LOG

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

12/08/2020 - Initial Article Release

DESCRIPTION

The 16VLS Tire Pressure Monitor system provides 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 LCD of the Premium Cluster, for 4x2, 6x4, 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.

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
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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

Kit Description	Part Number	Quantity Required	Notes
SENSOR, PRESSURE, TIRE PRESSURE SENSOR, LDL	4188310C1	As Needed	
STRAP, TIRE PRESSURE SENSOR BAND, 22.5" MID	4200585C1	As Needed	
STRAP, TIRE PRESSURE SENSOR BAND, 24.5" MID	4188314C1	As Needed	
Receiver Module	4188308C1	As Needed	

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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