



**NUMBER:** 22-002-15

**GROUP:** Tires and wheels

**DATE:** February 20, 2015

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**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 15-020 ALL APPLICABLE SOLD AND UN-SOLD RRT VIN's HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

**THE wiTECH SOFTWARE LEVEL MUST BE AT 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Service Tire Pressure System Message

***OVERVIEW:***

This bulletin involves inspecting and replacing the Tire Pressure Module (TPM) sensor if required.

***MODELS:***

2014-2015	(DJ)	Ram 2500 Pickup
2014-2015	(D2)	Ram 3500 Pickup
2014-2015	(DD)	Ram 3500 Cab Chassis

**NOTE: This bulletin applies to vehicles built on or before November 05, 2014 (MDH 1105XX) WITHOUT Dual Rear Wheels (Sales Codes DRX).**

***SYMPTOM/CONDITION:***

The customer may notice a message "Service Tire Pressure System" displayed on the cluster. On further inspection the technician may find the following Diagnostic Trouble Codes (DTCs):

**NOTE: The cluster will always display the low tire indicator if the tire pressure is under specification, or if there is a DTC set in the TPM system. If a DTC is set, the indicator will flash for 75 seconds and then stay on solid when the vehicle is started.**

- C1501-07 Tire Pressure Sensor 1 - Mechanical Failure.
- C1501-31 Tire Pressure Sensor 1 - No Signal.
- C1502-07 Tire Pressure Sensor 2 - Mechanical Failure.
- C1502-31 Tire Pressure Sensor 2 - No Signal.
- C1503-07 Tire Pressure Sensor 3 - Mechanical Failure.
- C1503-31 Tire Pressure Sensor 3 - No Signal.
- C1504-07 Tire Pressure Sensor 4 - Mechanical Failure.
- C1504-31 Tire Pressure Sensor 4 - No Signal.

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify no DTCs are set. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition, or if the technician finds any of the DTCs listed above perform the Repair Procedure.

**PARTS REQUIRED:**

Qty.	Part No.	Description
4	68249197AA	Sensor, Tire Pressure

**SPECIAL TOOLS/EQUIPMENT REQUIRED:**

9936	TPM-RKE Analyzer Tool
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**REPAIR PROCEDURE:**

1. Replace all TPM sensors per TechConnect, 22 - Tires and Wheels/Tire Pressure Monitoring/SENSOR, Tire Pressure Monitoring (TPM)/Removal-Installation.
2. Before installing the tires on the vehicle, make sure they are properly balanced.

**NOTE: The RKE-TPM Analysis Tool CH9936 MUST BE UPDATED to the most recent version prior to use. Versions earlier than 15.04 could either give a no response to the Read command OR display incorrect TPM Sensor IDs that can lead to false DTCs.**

3. Using the TPM-RKE Analyzer Tool, select TPM Functions, then enter the Model Year and the Body Style of the vehicle, and for the Trigger Selection select LEARN ID.

**NOTE: If a TPM-RKE Tool is not available, let the vehicle sit stationary for more than 20 minutes, and then drive the vehicle for a minimum of 10 minutes while maintaining a continuous speed above 24 km/h (15 mph).**

4. Scan each TPM sensor at each road wheel, and record each TPM sensor ID and the location of that sensor.
5. In wiTech go to the TPM section, select Misc Function then Program Tire sensor ID.
6. Enter each sensor ID in it's proper location.
7. Clear any DTCs that may have been set in any modules due to this repair procedure.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

<b>Labor Operation No:</b>	<b>Description</b>	<b>Skill Category</b>	<b>Amount</b>
22-14-01-92	Sensor, Tire Pressure (TPM) - Replace Four (1 - Semi-Skilled)	4- Chassis	1.5 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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