



NUMBER: 08-024-15

GROUP: Electrical

DATE: March 11, 2015

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HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING “HELP” THEN “HELP CONTENTS” AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.

THE wiTECH SOFTWARE LEVEL MUST BE AT 15.03 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: Service Tire Pressure System Message

OVERVIEW:

This bulletin involves updating the Tire Pressure Module (TPM) software and performing a Misc-function routine.

MODELS:

2014-2015	(JC)	Dodge Journey
2014-2015	(WD)	Dodge Durango
2014-2015	(LD)	Dodge Charger
2014-2015	(WK)	Jeep Grand Cherokee

NOTE: This bulletin applies to vehicles equipped with Tire Pressure Monitor System (Sales Codes XGM).

- This bulletin applies to LD, vehicles built on or after March 24, 2014 (MDH 0324XX) or on or before December 15, 2014 (MDH 1215XX).
- This bulletin applies to JC vehicles built on or after April 05, 2014 (MDH 0405XX) or on or before February 28, 2015 (MDH 0228XX).
- This bulletin applies to WD, WK, vehicles built on or after February 28, 2014 (MDH 0228XX) or on or before February 18, 2015 (MDH 0218XX).

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):

- C151D - Tire Pressure Sensor Location Undetermined.
- C1581 - Front/Rear Side Tire Pressure Sensor Location Undetermined.

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 the customer describes the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT REQUIRED:

9936	TPM-RKE Analyzer Tool
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REPAIR PROCEDURE:

1. Is the vehicle a Charger (LD)?
 - a. Yes >>> Proceed to [Step #2](#).
 - b. No >>> Proceed to [Step #3](#).
2. Is the vehicle a 2014 LD ?
 - a. Yes >>> Proceed to [Step #3](#).
 - b. No >>> Proceed to [Step #4](#).

NOTE: Some of the modules may already have the latest software in it. If the part number ends with AD, just perform the Misc-Function routine in step 4.

3. Reprogram the TPM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the “HELP” tab on the upper portion of the wiTECH window, then “HELP CONTENTS.” This will open the Welcome to wiTECH Help screen where help topics can be selected.

CAUTION: The wiTech software level MUST be at 15.03 to perform the next step.

4. Using wiTECH run the “TPM Sensor Position Parameter Update” routine, this is available under the 'Misc-Function' tab found in the TPM section of wiTECH.
5. 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).

6. Activate each TPM sensor with the TPM tool, this will help the TPM module learn each TPM sensor position.

NOTE: If only dashes are displayed on the cluster instead of tire pressures, perform step 6 again. In some cases the vehicle may have to be driven to get the tire pressures to be displayed.

7. Using wiTECH clear any DTCs which may have been set during the TPM routine.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-28-91	Module, Tire Pressure Monitor, Reprogram, Run Misc Function and TPM Sensor Relearn.(2014-2015 WD, WK, JC, and 2014 LD) (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.
18-19-28-92	Module, Tire Pressure Monitor, Run Misc Function and TPM Sensor Relearn. (2015 LD Only) (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.

FAILURE CODE:

ZZ	Service Action
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