



February 2009

Dealer Service Instructions for:

Safety Recall H41 Tire Pressure Monitor Sensors

Models

2009 (LC) Dodge Challenger

2009 (LX) Chrysler 300 and Dodge Charger

NOTE: This recall applies only to the above vehicles built from September 3, 2008 through September 16, 2008 (MDH 090314 through 091612).

IMPORTANT: Many of the vehicles within the above build period have already been inspected or repaired and, therefore, have been excluded from this recall.

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

Subject

The Tire Pressure Monitor (TPM) sensors on about 175 of the above vehicles may not transmit the actual tire pressure due to a manufacturing error in the sensor. An improperly inflated tire(s) could cause a crash without warning.

Repair

The TPM sensor must be replaced on all four wheels.

Parts Information

<u>Part Number</u>	<u>Description</u>
56029400AC	Sensor, Tire Pressure Monitor

NOTE: Four sensors must be ordered for each vehicle being repaired.

Each dealer to whom vehicles in the recall were assigned will receive enough Tire Pressure Monitor Sensors to service about 20% of those vehicles.

Special Tools

The following special tools are required to perform this repair:

- CH9401* StarSCAN Tool
- 9936 TPM-RKE Analyzer
- CH9434 USB Adapter
- CH9404D* StarSCAN Vehicle Cable
- CH9409* StarSCAN Documentation Kit
- CH9410* StarSCAN Ethernet Cable 12 ft.
- CH9412* StarSCAN Software Update Device Kit
- NPN TechCONNECT PC

* Part of CH9400 kit.

Service Procedure

1. Raise the vehicle on an appropriate hoist to a comfortable work height.
2. Remove tire and wheel assembly from the vehicle.
3. Mark the location of the tire to the wheel and the wheel weight to the wheel (Figure 1).
4. Remove the valve stem core to deflate the tire.
5. Break the outside bead of the tire from the wheel following tire changer manufacturers instructions.

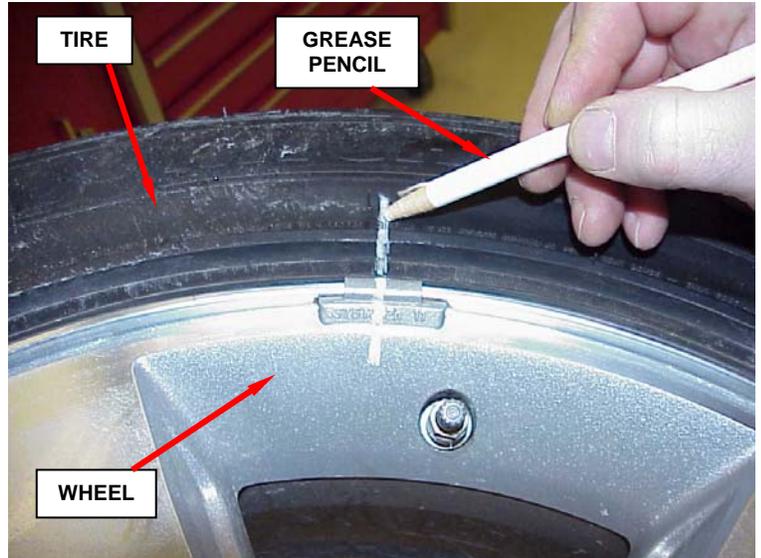


Figure 1

CAUTION: When breaking the tire bead loose from the wheel rim, avoid using the Bead Breaker in the area of the sensor.

6. Push the sidewall of the tire down at the sensor and place two small blocks of wood between the tire and rim (Figure 2).
7. Remove sensor nut that retains the sensor to the wheel.
8. Carefully remove the sensor from the wheel.
9. Wipe area clean around sensor/valve stem mounting hole in wheel.
10. Insert the sensor through the wheel keeping pressure against rear of metal valve stem. The potted side of sensor is to be positioned toward wheel.

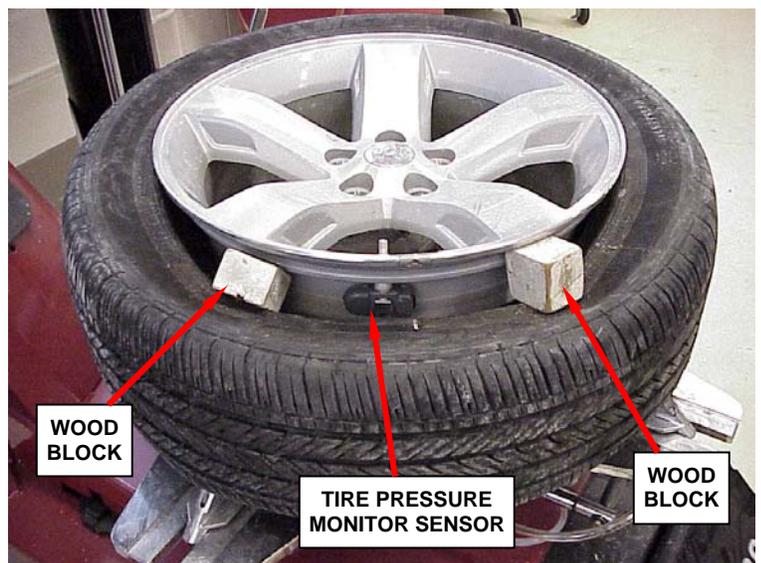


Figure 2

Service Procedure (Continued)

11. Install the sensor nut by hand.

CAUTION: Before tightening the sensor nut, push downward on the sensor housing so it is flush with interior contour of wheel.

12. While holding sensor in position, tighten sensor nut to 71 in. lbs. (8 N·m) (Figure 3)

CAUTION: Over-tightening the sensor nut may result in sensor separation from the valve stem.



Figure 3

13. Remove the two wood blocks from between the wheel and tire (Figure 2)
14. Inflate the tire to seat the tire bead to the rim.
15. Adjust air pressure to that listed on the Tire Inflation Pressure Label (Placard) provided with vehicle (located on the driver's side B-pillar).

NOTE: Make sure original style valve stem cap is securely installed to keep moisture out of sensor.
16. Repeat Steps 3 through 15 on the remaining three tire and wheel assemblies.
17. Install the tire and wheel assemblies on the vehicle. Tighten the lug nuts to 110 ft. lbs. (150 N·m).
18. Lower the vehicle from the hoist.
19. Connect the StarSCAN to the vehicle, turn the ignition to the “RUN” position and power up the StarSCAN. Continue with Step 20 of this procedure while the StarSCAN is powering up.

Service Procedure (Continued)

20. Perform the following procedure to program the sensor identification numbers into the vehicle module:
- Turn on the TPM-RKE analyzer (special tool 9936) by pushing the red power button on the keypad.
 - Select “**New Session**” on the screen and then push the “**Select**” button.
 - Select “**TPM Functions**” from the list and then push the “**Select**” button.

**Figure 4**

- Select the model year from the list and then push the “**Select**” button.
- Select the body style from the list and then push the “**Select**” button.
- Select “**Read Sensor**” and then push the “**Select**” button.

NOTE: The screen must read “US / CAN / MEX” at the top of the screen. If a different header is at the top of the screen, the analyzer configuration must be changed.

- Place the probe end of the analyzer by the valve stem of the wheel and press the green “**TEST**” button to scan the tire pressure sensor (Figure 4). Do not move the analyzer until the green pass light illuminates.
- Press the “**Select**” button.
- Select the tire location description on the screen that matches the tire that was scanned and press the “**Select**” button.
- Repeat Steps 20g. through 20i. on all remaining wheels.

Service Procedure (Continued)

- k. Connect the TPM-RKE Analyzer (9936) to the StarSCAN (Figure 5).
- l. Starting at the StarSCAN “Home” screen, select “**ECU View**”.
- m. Select “**TPM Tire Pressure Monitor**”.
- n. Select “**Misc. Functions**”
- o. Highlight “**Program Tire Sensor ID w/TPM Tool**” from the list on the screen.
- p. Press the Blue “**START**” button on the StarSCAN screen.
- q. Follow the screen prompts to enter the tire pressure sensor ID’s into the vehicle module.
- r. Turn the ignition “OFF” and remove the StarSCAN from the vehicle.



Figure 5

Completion Reporting and Reimbursement

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by Chrysler to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	Labor Operation Number	Time Allowance
Replace all TPM sensors and program sensor ID's into module	22-H4-11-82	1.3 hours

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

Dealer Notification

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

Owner Notification and Service Scheduling

All involved vehicle owners known to Chrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

Vehicle Lists, Global Recall System, VIP and Dealer Follow Up

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

Dealers must perform this repair on all unsold vehicles before retail delivery. Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.

Additional Information

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services Field Operations
Chrysler



SAFETY RECALL H41 – TIRE PRESSURE MONITOR SENSORS

Dear: (Name)

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Chrysler has decided that a defect, which relates to motor vehicle safety, exists in some **2009 model year Chrysler 300, Dodge Charger and Dodge Challenger vehicles.**

The problem is... **The Tire Pressure Monitor (TPM) sensors on your vehicle (VIN: xxxxxxxxxxxxxxxxx) may not transmit the actual tire pressure due to a manufacturing error in the sensor. An improperly inflated tire(s) could cause a crash without warning.**

What your dealer will do... **Chrysler will repair your vehicle free of charge (parts and labor).** To do this, your dealer will replace the TPM sensors in all four wheels. The work will take about 1½ hours to complete. However, additional time may be necessary depending on service schedules.

What you must do to ensure your safety... Simply **contact your dealer** right away to schedule a service appointment. Ask the dealer to hold the parts for your vehicle or to order them before your appointment. **Remember to bring this letter with you to your dealer.**

If you need help... If you have questions or concerns which your dealer is unable to resolve, please contact Chrysler at 1-800-853-1403.

Please help us update our records by filling out the attached prepaid postcard, if any of the conditions listed on the card apply to you or your vehicle. You may also update this information on the web at
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If you have already experienced this condition and have paid to have it repaired, you may send your original receipts and/or other adequate proof of payment to the following address for reimbursement: Chrysler Recall Customer Assistance, P.O. Box 21-8007, Auburn Hills, MI 48321-8007, Attention: Reimbursement.

If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to <http://www.safercar.gov>.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Services Field Operations
Chrysler
Notification Code H41

Note to lessors receiving this recall: Federal regulation requires that you forward this recall notice to the lessee within 10 days.