



Reference:

ITB09-053

Date:

November 5, 2009

VOLUNTARY SAFETY RECALL CAMPAIGN 2008 – 2010 M35/45; WHEEL VALVE STEM NUT

CAMPAIGN ID #: R0909
NHTSA #: 09V-393
APPLIED VEHICLES: 2008 – 2010 M35/45(Y50)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Some Model Year 2008 – 2010 M35/45 vehicles may have been built with Tire Pressure Monitor System (TPMS) transmitter nuts that were not manufactured to specification. Over time, these nuts may corrode and potentially crack, especially in areas where heavy concentrations of road salt are used. To remedy this potential condition, Infiniti is conducting this Voluntary Safety Recall Campaign for vehicles in dealer inventory located in "Salt States" and for customer vehicles registered in "Salt States" at the time of the launch of this campaign. The campaign repair will entail replacement of the TPMS transmitter nuts at no charge for parts of labor.

Salt States

Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, West Virginia, Ohio, Indiana, Michigan, Illinois, Wisconsin, Minnesota, Iowa, Missouri, and the District of Columbia.

Separately, Infiniti is conducting a Voluntary Service Campaign for this issue in the "non-salt States" that do not use heavy concentrations of road salt in the winter. Owners with affected vehicles registered in those non-salt States will receive a letter offering replacement of the TPMS nuts on their vehicles, free of charge for parts and labor.

IDENTIFICATION NUMBER

Infiniti has assigned identification number R0909 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service Comm for the campaign status on each vehicle falling within the range of this voluntary safety recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. **Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration.** While federal law applies only to new vehicles, Nissan strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

SERVICE PROCEDURE

NOTE: Perform the following steps for all four wheels/tires.

1. Position the valve stem to the lower area (between 4 and 8 o'clock position).
2. Clean dirt and debris from around the valve stem.



Figure 1

3. Remove the TPMS transmitter nut.
 - Use a ¼ drive deep 12 mm socket.



Figure 2

4. Install a new transmitter nut.
5. **VERY IMPORTANT:** Use a small torque wrench to tighten the transmitter nut.

Torque specification: 7.7 N·m (0.79 kg-m, **68 in-lb**).

6. Check for leak around the valve stem.

- Apply soapy water around the valve stem.
- Use mild liquid hand soap mixed approximately 80% water and 20% soap.
- Wait a minimum of five minutes and then visually inspect to see if bubbles are forming around the base of the valve stem.
- If you see bubbles, there may be an air leak.



Figure 3

NOTE: This bulletin does not cover repairs for air leaks. If you discover an air leak, repair as needed with usual warranty repair procedures.

7. Adjust the tire pressure to the correct setting.

- For factory equipped tires, the tire pressure correct “Cold” setting is listed on the “Tire and Loading Information” placard (see example in Figure 4).

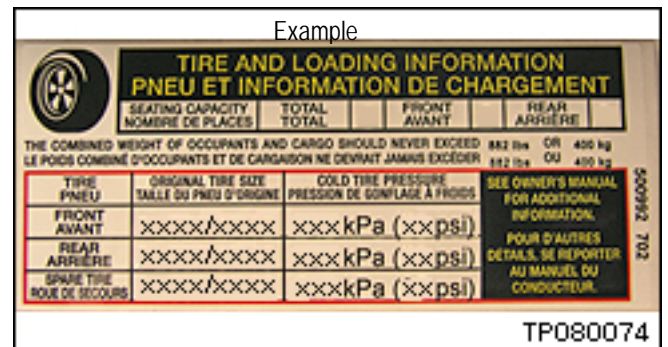


Figure 4

8. Make sure the TPMS dash warning light is OFF.

PARTS INFORMATION

Description	PART #	Quantity
Transmitter Nut	40780-JA01B	4

CLAIMS INFORMATION

Submit a Campaign (CM) line claim using the following claims coding:

“CM” I.D.: R0909

DESCRIPTION	OP CODE	FRT
Replace TPMS Transmitter nuts (4 wheels/tires)	R09090	0.3 hrs.

OWNER'S LETTER

Dear Infiniti M35/45 owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Infiniti has decided that a defect which relates to motor vehicle safety exists in some 2008-2010 model year Infiniti M 35/45 vehicles. Our records indicate that you own or lease the Infiniti vehicle identified by the VIN on the cover of this notice.

Reason for Recall

The material used in the nut on your Infiniti M35/45 that secures the Tire Pressure Monitoring System (TPMS) sensor to the wheel may corrode and potentially crack if driven regularly in areas with heavy concentrations of road salt used in winter. If this occurs, the nut may come out of the sensor causing the TPMS lamp to illuminate. If the TPMS lamp is disregarded and the vehicle continues to be driven in this condition, the tire will quickly lose air pressure resulting in a flat tire.

Below are States that regularly use road salt in the winter:

Connecticut	Maine	Missouri	Pennsylvania
Delaware	Maryland	New Hampshire	Rhode Island
District of Columbia	Massachusetts	New Jersey	Vermont
Illinois	Michigan	New York	West Virginia
Indiana	Minnesota	Ohio	Wisconsin
Iowa			

According to our records, your vehicle is currently registered in one of these States and is subject to this safety recall campaign.

What Infiniti Will Do

Your Infiniti dealer will replace the TPMS nuts on your vehicles with new, more corrosion resistant ones. This free service should take about an hour to complete, but your Infiniti dealer may require your vehicle for a longer period of time based upon the dealer's work schedule.

What You Should Do

Contact your Infiniti dealer at your earliest convenience in order to arrange an appointment to have your vehicle repaired. **Please bring this notice with you when you keep your service appointment.** Instructions have been sent to your Infiniti dealer.

If you have additional questions you may contact the National Consumer Affairs Department, Infiniti Division, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-800-662-6200. You may also submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., 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>.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Thank you for your cooperation. We are indeed sorry for any inconvenience this may cause you.