



TECHNICAL BULLETIN

Document Name: Procedures for Reprogramming TPMS Sensors For
MY 2005 – 2006 Nissan Vehicles Equipped With TPMS

Release Date: August 17, 2006
Department: Aftermarket Group
Revision Date:

Originator: J. Poparad
Doc. No.: DOP-11-103
Rev Level: A

Procedure When a Functional TPMS Sensor is Re-Used After a Low Pressure Warning Light is Activated

- A. Use an accurate tire gauge to check the pressures in all four tires to determine which tire(s) is registering low pressure.
- B. Remove the identified low pressure tire(s) and wheel assembly from the vehicle.
- C. Determine the cause of the low pressure.
- D. Repair or replace the tire as necessary, and mount tire following Schrader-Bridgeport's TPMS Installation Procedures, and using all of the components in a new service pack (i.e., sealing cap, sealing grommet, hex nut and electroless valve core).
- E. Re-balance the tire.
- F. Install on vehicle and re-torque lugs to the vehicle-specified torque setting.
- G. Drive the vehicle at a constant speed above 30 MPH until the Low Pressure Warning Light turns OFF. This may take 10 minutes or longer depending on the vehicle. If the Low Pressure Warning Light does not turn OFF, then proceed to "Procedure When a New TPMS Sensor Is Installed, BCM (Body Control Module) Is Replaced or Spare Tire Is Mounted."

Re-setting the TPMS is not necessary when re-using a functional Tire Pressure Monitoring Sensor or when performing Tire Rotations.

Procedure When a New TPMS Sensor, BCM (Body Control Module) is Replaced or Spare Tire is Mounted

- 1. Install the replacement TPMS sensor following the Schrader-Bridgeport TPMS recommended installation procedure. When installing a NEW Tire Pressure Monitoring System (TPMS) sensor, you must follow the OEM installation procedures when applying torque to the nut.



TECHNICAL BULLETIN

WARNING: Failure to follow OEM installation procedures could cause air leakage, tire failure and TPMS failure.

2. Mount the tire to the rim following the Schrader-Bridgeport recommended installation procedure.
3. Adjust inflation of all four tires on the vehicle to ID Registration Tire Pressure Specifications (see Schrader-Bridgeport TPMS Installation Procedures Manual). Notice that all four tires may have different recommended pressure settings.
4. Locate the vehicle's white Data Link Connector (DLC), located under the dash as shown in Picture 1.



Picture 1: DLC Connector shown in under-dash location.

5. Press the release tabs on both sides of the DLC to remove the connector from the mounting bracket. Push back to remove (see Picture 2).

WARNING: Use caution to avoid breaking the release tabs when removing the DLC connector. DO NOT use a screwdriver to help release tabs.



Picture 2: Release tabs on DLC.

6. Locate the special connector plug behind the DLC connector. Carefully plug a pin connector into the special connector plug located behind the DLC connector. Ground the other end of the pin connector lead by means of an alligator clip to the DLC connector mounting bracket, as shown in Picture 3.



Picture 3: Special connector plug grounded to mounting bracket.

7. Turn the vehicle ignition to the “ON” position. DO NOT start the vehicle.
NOTE: DO NOT turn the ignition to the “OFF” position until Step #13 has been completed.
8. Interrupt the plug to ground circuit five times within ten seconds. This can be done by inserting and removing the pin connector to and from the connector plug five times.



TECHNICAL BULLETIN

9. If Step #8 is successful, the Tire Pressure Warning Light (see Picture 4) on the dash board will start blinking.



Picture 4: Tire Pressure Warning Light Illuminated on Dash

10. Remove the pin connector and alligator clip and push the DLC connector back into the mounting bracket, as shown in Picture 5.



Picture 5: DLC Connector shown under dash.

11. Turn the ignition switch to the “START” position and start the engine

DO NOT turn the ignition switch to the “OFF” position before starting the vehicle or Steps #6 through #11 will have to be repeated.

12. Drive the vehicle at a steady speed above 30 mph until the Tire Pressure Warning Light stops blinking. It could take 10 minutes or longer, depending upon the vehicle, for the Low Pressure Warning Light to stop blinking.



TECHNICAL BULLETIN



Picture 6: Low Pressure Warning Light Shown Illuminated

13. Once the Tire Pressure Warning Light is extinguished, the procedure is complete.
14. Check to make sure that all tires are inflated to the vehicle specifications.

DOCUMENT REVISION HISTORY

DATE	REV	REVISION	ORIGINATOR	APPROVAL
08/17/2006	A	Release of Approved Document	<i>J. Poparad</i>	<i>D. Weber</i>