

## **Manual Tire Pressure Monitoring Sensor Re-learn Process NG9-5 and 9-4X**

Each TPMS sensor has a unique identification code. Any time you rotate your vehicle's tires or replace one or more of the TPMS sensors, the identification codes will need to be matched to the new wheel position.

The sensors are matched to the wheel positions in the following order: driver side front tire, passenger side front tire, passenger side rear tire and driver side rear tire using a TPMS diagnostic tool. Seek the assistance of a workshop.

The TPMS sensors can also be matched to each tire/wheel position by increasing or decreasing the tire's air pressure. If increasing the tire's air pressure, do not exceed the maximum inflation pressure indicated on the tire's sidewall. To decrease air pressure out of a tire you can use the pointed end of the valve cap, a pencil-style air pressure gauge or a key.

You have two minutes to match the first wheel position, and five minutes overall to match all four wheel positions. If it takes longer than two minutes to match the first wheel, or more than five minutes to match all four wheel positions, the matching process stops and you need to start over.

### **The TPMS sensor re-learn process is outlined below:**

1. Set the parking brake and set the selector lever in the P position.
2. Turn the ignition on.
3. Press the MENU button to select the Vehicle Information Menu.
4. Turn the adjuster wheel to select the tire pressure monitoring system.
5. Press the SET/CLR button for 3 seconds to begin the sensor matching process.

**A message asking if you are sure you want to begin this process should appear.**

6. Press the SET/CLR button again to confirm the selection.

**The horn sounds twice, the corresponding turn signal is also illuminated to signal the receiver is in relearn mode and Tire Learning Active appears in the Driver Information Center.**

7. Start with the driver side front tire.

8. Remove the valve cap from the valve cap stem. Activate the TPMS sensor by increasing or decreasing the tire's air pressure for five seconds or until a horn chirp sounds. The horn chirp, which may take up to 30 seconds to sound, confirms that the sensor identification code has been matched to this tire and wheel position.

9. Proceed to the passenger side front tire, and repeat the procedure in step 8.

10. Proceed to the passenger side rear tire, and repeat the procedure in step 8.

11. Proceed to the driver side rear tire, and repeat the procedure in step 8.

**The horn sounds twice to indicate the sensor identification code has been matched to the driver side rear tire and the TPMS sensor matching process is no longer active. Tire Learning Active in the Driver Information Center goes out.**

12. Turn the ignition off.

13. Set all four tires to the recommended air pressure level as indicated on the tire-loading information label.

14. Put the valve caps back on the valve stems.