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**Document ID# 1397366**  
**2004 Chevrolet Corvette**

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# Tire Pressure Sensor Learn

## Tools Required

[J 41760](#) Tire Pressure Sensor Activating Tool

## TPM Learn Mode Description

The Tire Pressure Monitor (TPM) system uses the remote control door lock receiver (RCDLR), body control module (BCM), driver information center (DIC), 4 radio frequency transmitting pressure sensors, and the serial data circuit to perform the TPM learn mode functions. The sensor learn procedure must be performed after a tire pressure sensor, or RCDLR replacement. Once the learn mode has been enabled, each of the sensors unique identification (Id) codes can be learned into the RCDLR's memory. After the RCDLR has received a sensor transmission, it sends a serial data message to the BCM to sound a horn chirp. This verifies the sensor has transmitted its Id and the RCDLR has received and learned it. The RCDLR must learn each sensor's Id in the proper order to determine sensor location. The first learned Id is assigned to the left front location, the second to right front, the third to right rear, and forth to left rear.

## Sensor Functions

Each sensor has an internal magnetic reed switch. When the [J 41760](#) sensor activating tool is held close to the sensor, the reed switch closes, activating the sensor. The sensor responds to a magnetic activation by transmitting in learn mode. When the RCDLR receives a learn mode transmission while in TPM learn mode, it will assign that sensor Id to the location on the vehicle relative to the order in which it was learned.

## TPM Learn Mode Cancellation

The RCDLR will cancel the TPM learn mode if the ignition is turned OFF, more than 1 minute has passed and no sensor Ids have been learned, or if more than 5 minutes have passed for the entire procedure. If the learn mode is cancelled before any sensor Ids are learned, the RCDLR will remember all previously stored Ids and their locations. As soon as the RCDLR learns the first sensor Id, all previously stored Ids are erased from the RCDLR's memory.

1. Turn ON the ignition, with the engine OFF.
2. Press the DIC RESET button in order to clear any warning messages.
3. Press and release the OPTIONS button until the display is blank.
4. Press and hold the RESET button for 3 seconds.

**Important:** If the DIC does not display the TIRE TRAINING message, ensure the TPM option is enabled in the RCDLR. Refer to [Scan Tool Output Controls](#) .

5. Press and release the OPTIONS button until TIRE TRAINING is displayed.

6. Press and release the RESET button and LEARN L FRONT TIRE is displayed, verifying the mode has been enabled.

**Important:** If a horn chirp does not sound after 15 seconds, remove then reinstall the sensor activating tool.

7. Starting at the left front sensor, hold the [J 41760](#) over the valve stem until a horn chirp sounds.
8. After the horn chirp sounds, proceed as in step 7 for the next 3 sensors in the following order:
  - A. Right front
  - B. Right rear
  - C. Left rear
9. Turn the ignition OFF to exit the learn mode.

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