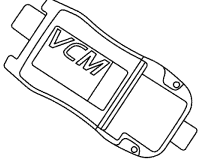
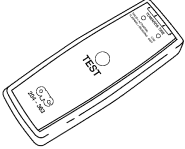


## GENERAL PROCEDURES

### Tire Pressure Monitoring System (TPMS) Sensor Training

#### Special Tool(s)

 <p>ST2834-A</p>	<p>Vehicle Communication Module (VCM) and Integrated Diagnostic System (IDS) software with appropriate hardware, or equivalent scan tool</p>
 <p>ST2941-A</p>	<p>Activation Tool, Tire Pressure Monitor 204-363</p>

**NOTE:** A new tire pressure sensor is shipped in an OFF mode (or battery saver mode) and must be turned ON before it can be trained. To turn the sensor ON, deflate the tire slightly if necessary, then inflate the tire to the recommended inflation pressure and wait at least 2 minutes, then continue with the sensor training procedure.

**NOTE:** The tire pressure sensor training procedure must be done on a single vehicle, in an area without radio frequency (RF) noise and at least 1 meter (3 feet) away from other vehicles equipped with TPMS.

RF noise is generated by electrical motors and appliance operation, cellular telephones, remote transmitters, power inverters and portable entertainment equipment.

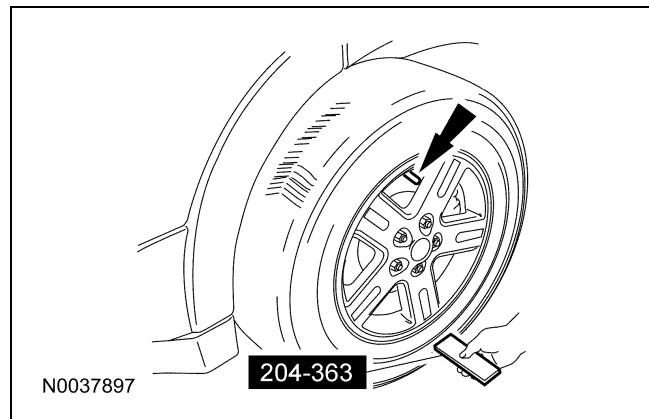
**NOTE:** If a sensor does not respond to the activation tool, attempt to activate the same sensor with the activation tool. If the sensor still does not respond, move the vehicle to rotate the wheels at least 1/4 of a turn and attempt to activate the same sensor again.

**NOTE:** If the SJB does not recognize any 1 of the 4 tire pressure sensors during the sensor training procedure, the horn will sound twice and the message center (if equipped) will display TIRE NOT TRAINED REPEAT and the procedure must be repeated.

**NOTE:** The tire pressure monitoring system is not affected by wheel and tire rotation.

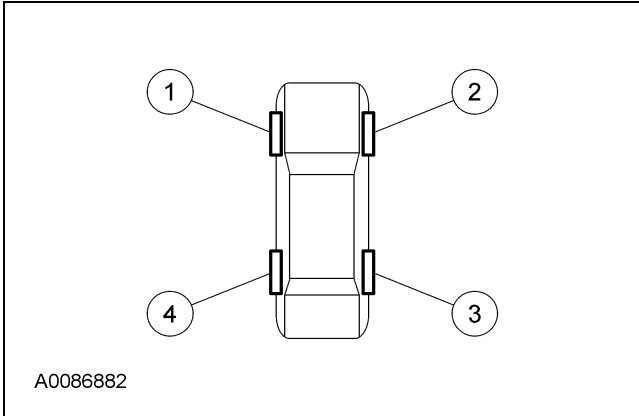
1. Turn the ignition switch to the OFF position, then press and release the brake pedal.
2. Cycle the ignition switch from the OFF position to the RUN position 3 times, ending in the RUN position. Do not wait more than one minute between each key cycle.
3. Press and release the brake pedal.
4. Turn the ignition switch to the OFF position.
5. Turn the ignition switch from the OFF position to the RUN position 3 times, ending in the RUN position. Do not wait more than one minute between each key cycle.
  - The horn will sound once and the TPMS indicator will flash if the training mode has been entered successfully. If equipped, the message center will display TRAIN LF TIRE.
6. **NOTE:** It may take up to 6 seconds to activate a tire pressure sensor. During this time, the activation tool must remain in place 180 degrees from the valve stem.
 

Place the activation tool on the LF tire sidewall opposite (180 degrees) from the valve stem. The horn will sound briefly to indicate that the tire pressure sensor has been recognized by the smart junction box (SJB).



**GENERAL PROCEDURES (Continued)**

7. Within 2 minutes of the horn sounding, place the activation tool on the RF tire sidewall opposite (180 degrees) from the valve stem to train the RF tire pressure sensor.



8. **NOTE:** Do not wait more than 2 minutes between training each sensor.

Repeat Step 7 for the RR and LR tires.

The procedure is completed after the last tire has been trained. When the training procedure is complete, the message center (if equipped) will display TIRE TRAINING COMPLETE.

For vehicles not equipped with a message center, successful completion of the training procedure will be verified by turning the ignition switch to the OFF position without the horn sounding. If the horn sounds twice when the switch is turned to the OFF position, the training procedure was not successful.

9. Using the scan tool, locate the updated TPMS sensor IDs trained to the SJB and document them on the applicable warranty claim.
10. **NOTE:** This step is required to clear DTC C2780, cause the SJB to exit the manufacturing mode and to make sure there are no other concerns with a newly programmed SJB.
- If the sensors are being trained due to the installation of a new SJB, clear any DTCs and perform the SJB on-demand self-test.