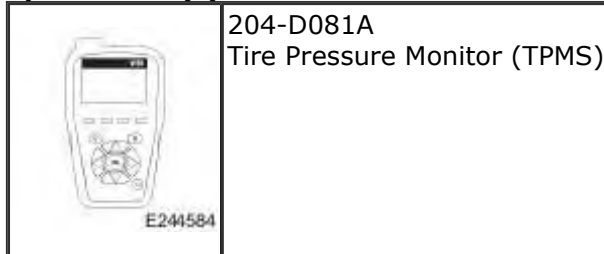


Tire Pressure Monitoring System (TPMS) - Tire Pressure Monitoring System (TPMS) Sensor Location Calibration



General Procedures

Special Tool(s)



Activation

1. **NOTE:** Before performing the TPMS sensor location calibration, have the vehicle parked at least 2 meter away from any other vehicle equipped with TPMS to avoid activating other TPMS sensors.
With the ignition OFF, press and release the brake pedal.
2. Using the start/stop switch, position the ignition from OFF to RUN 3 times, ending in the RUN position.
3. Press and release the brake pedal.
4. Position the ignition to OFF position.
5. Using the start/stop switch, position the ignition from OFF to RUN 3 times, ending in the RUN position.
6. The horn will sound once and the **TPMS (tire pressure monitoring system)** indicator will flash if the training mode has been entered successfully. If equipped, the message center will display TRAIN Left Front (LF) TIRE.
7. **NOTE:** It may take up to 6 seconds to activate a tire pressure sensor. During this time, the special tool must remain in place at the valve stem.

Place the special tool on the Left Front (LF) tire sidewall at the valve stem. Press and release the test button on the special tool. The horn will sound briefly to indicate that the tire pressure sensor has been recognized by the **BCM (body control module)**.

Use Special Service Tool: **204-D081A**.

8. Within 2 minutes of the horn sounding, place the special tool on the Right Front (RF) tire sidewall at the valve stem and press and release the test button to train the Right Front (RF) tire pressure sensor.

Use Special Service Tool: **204-D081A**.

9. **NOTE:** Do not wait more than 2 minutes between training each sensor or the **BCM** will time out and the entire procedure must be repeated and the already trained **TPMS** sensors have to be activated again.
Repeat Step 7 for the Right Rear (RR) and Left Rear (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 positioning the ignition to OFF without the horn sounding. If the horn sounds twice when the ignition is positioned to OFF, the training procedure was not successful.
10. Using the scan tool, locate the updated **TPMS** sensor identifiers trained to the **BCM** and document them on the applicable warranty claim.

11. This step is required to clear **DTC (diagnostic trouble code)** B1182:55, cause the **BCM** to exit the manufacturing mode and to make sure there are no other concerns with a newly programmed **BCM**.
12. If the sensors are being trained due to the installation of a new **BCM**, clear any **DTC** and carry out the **BCM** On-Demand Self Test.
13. **NOTE:** TPMS sensor identifiers are stored as long no new TPMS sensor identifiers have been trained by either performing this procedure or performing TPMS customer reset.

mcx30.com