

Civic 2008

TPMS Description	Reset After:	Torque Specification(s), Reset Procedure(s)
<p>The TPMS uses the following components:</p> <p>Tire Pressure Sensors: Each sensor is an integrated unit made up of the tire valve stem, the pressure sensor and a transmitter. The unit is attached to the inside of the wheel around the valve stem. The transmitter sends a signal to the control unit when the tire pressure is between 24 psi and 27 psi or in the range of 24 psi to 27 psi. When the tire pressure increases between 28 psi and 30 psi, the transmitter stops sending the signal.</p> <p>Control Unit: The control unit is mounted in the center of the dash. It receives signals from the pressure sensor to verify tire pressure sensor IDs each time the vehicle exceeds 28 mph. It also continuously monitors and controls the TPM system.</p> <p>Indicators: The TPMS has two indicators; a low-pressure indicator and a system indicator. When the TPMS Control Unit detects low pressure in a tire (or a problem in the system) it turns on the appropriate indicator(s).</p> <ul style="list-style-type: none"> • If low tire pressure is detected, the low-pressure indicator comes on. • If a problem in the system is detected, the TPMS indicator comes on. • If low tire pressure and a problem in the system are detected, only the TPMS indicator comes on. <p>With the system functioning properly, the low-pressure indicator and the four tire indicators should come on when the ignition is turned ON. It should then go off 2 seconds later. If this is not the case, there is a problem with the system.</p>	<ul style="list-style-type: none"> • Sensor Replacement • Control Module Replacement 	<p>Valve Core Torque: 3 to 5 in.-lbs. (0.33 to 0.56 N•m) Valve Stem Nut Torque: 35.4 in.-lbs. (4 N•m)</p> <p>Sensor Reset Procedures</p> <p><i>NOTE: Keep the vehicle at least 10 feet from any other sensor not installed on the vehicle.</i></p> <p>Sensor ID Memorization</p> <ol style="list-style-type: none"> 1 After 5 minute rest period, connect OEM or OTC-equivalent scan tool to 16-pin Data Link Connector (DLC) located under left side of dash. 2 Turn ignition ON, then, with scan tool set to special test function for resetting IDs, turn on TPMS sensor initializer tool and locate near any wheel. Follow screen prompts on scan tool to memorize ID of that wheel's sensor. 3 Repeat step 2 for each wheel. When complete, low pressure indicator in gauge control module will blink. Turn ignition OFF and disconnect scan tool. 4 Test-drive vehicle at more than 28mph (45km/h) for at least 1 minute. Verify low pressure indicator does not blink. 5 Reduce air pressure in one tire and test-drive vehicle at more than 28mph (45km/h) for at least 1 minute. NOTE: If more than five minutes has elapsed from end of first test-drive, sensor initiation process must be repeated. Verify that low pressure indicator turns on. 6 Repeat step 4 for all wheels and clear all DTCs. <p>Sensor Location</p> <ol style="list-style-type: none"> 1 Turn ignition OFF. Connect OEM or OTC-equivalent scan tool to 16-pin Data Link Connector (DLC) located under left side of dash. 2 Turn ignition ON, set scan tool to Function Test from mode menu, then select Sensor Position Check. 3 Starting with left front (LF) wheel, follow prompts to activate tire pressure sensors using TPMS sensor initializer tool. Note active sensor reception order of tire pressure sensors 1-4 from scan tool. Record for further use when troubleshooting TPMS problems with this vehicle. 4 After recording location information, turn ignition OFF.