

Escape 2006-2009 and Escape Hybrid 2007-2009

TPMS Description	Reset After:	Torque Specification(s), Reset Procedure(s)
<p>The TPM system wirelessly monitors tire pressures. A sensor, mounted in each wheel, transmits a specific radio frequency (RF) signal to the smart junction box (SJB). These transmissions occur once per minute when the vehicle speed exceeds 20 mph. The sensors switch to a sleep-mode (to conserve battery power) when the vehicle has been stationary for 30 minutes.</p> <p>The System Junction Box (SJB) monitors the system components for proper operation. If any system fault occurs - low battery voltage, sensor failure, and communication problems - the SJB illuminates the TPMS sensor, generates the appropriate DTC and stores it for future diagnostic reference.</p> <p>Failure of a TPMS component may not cause the message center to display a fault message or cause a DTC to be stored.</p>	<ul style="list-style-type: none"> • Message Center Displays Message • 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: 27 in.-lbs. (3.1 N•m)</p> <p>Sensor Training Procedure</p> <p><i>NOTE: Perform these steps in an area with no radio frequency noise (produced by motors, appliances, cell phones and remote transmitters)</i></p> <ol style="list-style-type: none"> 1 Turn ignition OFF and release park brake. 2 Within 1 minute, turn ignition to RUN three times, ending at RUN. 3 Press/release brake pedal, then turn ignition to OFF. 4 Within 1 minute, turn ignition to RUN three times, ending at RUN. Horn will sound once and TPMS indicator will flash to signal training mode initiation. 5 Hold OTC TPM tool on outer LF sidewall, opposite the valve stem. Press and release Reset Procedure Start button. Horn will sound once when SJB recognizes sensor (may take up to 6 seconds). Within 2 minutes repeat this step for RF wheel. Repeat for other wheels. 6 Horn will sound once and TIRE TRAINING COMPLETE message will display (if equipped) when procedure is complete. Confirmation of procedure completion is achieved by turning ignition OFF. If horn sounds (twice) procedure is incomplete. Start over. 7 Use OEM or OTC-equivalent scan tool to read the TPMS sensor IDs in the SJB (Required to clear DTC C2780). <p>Sensor Activation</p> <p><i>NOTE: Pressure sensor training must be performed prior to activation.</i></p> <ol style="list-style-type: none"> 1 Turn ignition ON. 2 Hold OTC TPM tool on outer LF sidewall, opposite the valve stem. Press and release Activation button. The tool will indicate when the sensor responds. Tool should be held in place until response is received. 3 Repeat last step for each tire. <p><i>NOTE: Sensors will be active for 30 minutes after activation or vehicle test drive.</i></p>