

**DTC P0706:00 [FW6A-EL, FW6AX-EL]**

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<b>DTC P0706:00</b>	<b>Transaxle range sensor range/performance problem</b>
<b>DETECTION CONDITION</b>	<ul style="list-style-type: none"><li>• Under the following condition, pattern identification error in switch condition of transaxle range sensors 1 to 4:<ul style="list-style-type: none"><li>— Battery voltage is <b>8 V or more</b>.</li></ul></li></ul> <b>Diagnostic support note</b> <ul style="list-style-type: none"><li>• The check engine light illuminates if the TCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the TCM.</li><li>• The automatic transaxle warning light illuminates if the TCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the TCM.</li><li>• PENDING CODE is available.</li><li>• FREEZE FRAME DATA is available.</li><li>• DTC is stored in the TCM memory.</li></ul>
<b>FAIL-SAFE FUNCTION</b>	<ul style="list-style-type: none"><li>• Inhibits learning control.</li><li>• Inhibits manual mode.</li><li>• Inhibits neutral idle control.</li><li>• Inhibits i-stop control.</li><li>• Inhibits AAS.</li></ul>
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"><li>• Transaxle range sensor (built-into TCM) malfunction</li></ul>
<b>SYSTEM WIRING DIAGRAM</b>	Not applicable

**Diagnostic procedure**

<b>STEP</b>	<b>INSPECTION</b>	<b>ACTION</b>
1	<b>VERIFY FREEZE FRAME DATA/SHOT DATA HAS BEEN RECORDED</b> <ul style="list-style-type: none"><li>• Has the freeze frame data/snapshot data been recorded on the repair order?</li></ul>	Yes Go to the next step.
		No Record the freeze frame data/snapshot data on the repair order, then go to the next step.
2	<b>VERIFY RELATED SERVICE INFORMATION AVAILABILITY</b> <ul style="list-style-type: none"><li>• Verify related Service Information availability.</li><li>• Is any related Service Information available?</li></ul>	Yes Perform repair or diagnosis according to the available Service Information. <ul style="list-style-type: none"><li>• If the vehicle is not repaired, replace the control valve body. (See CONTROL VALVE BODY REMOVAL/ INSTALLATION [FW6A-EL, FW6AX-EL].)</li></ul> Go to the next step.
		No Replace the control valve body, then go to the next step. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [FW6A-EL, FW6AX-EL].)
3	<b>VERIFY DTC TROUBLESHOOTING COMPLETED</b> <ul style="list-style-type: none"><li>• Clear the DTC using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FW6A-EL, FW6AX-EL].)</li><li>• Perform the following procedure to ensure that the DTC has been resolved:<ol style="list-style-type: none"><li>1. Switch the ignition ON (engine off or on).</li></ol></li><li>• Perform the DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FW6A-EL, FW6AX-EL].)</li><li>• Are any DTCs present?</li></ul>	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [FW6A-EL, FW6AX-EL].)
		No DTC troubleshooting completed.