

**DTC P0743:00 [GW6A-EL, GW6AX-EL]**

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<b>DTC P0743:00</b>	<b>TCC control solenoid circuit malfunction</b>
<b>DETECTION CONDITION</b>	<ul style="list-style-type: none"> <li>Under the following condition, the TCM detects the TCC control solenoid circuit malfunction: <ul style="list-style-type: none"> <li>Battery voltage is <b>10.5 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 during the first drive cycle.</li> <li>The automatic transaxle warning light illuminates if the TCM detects the above malfunction condition during the first drive cycle.</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>Set to emergency mode.</li> <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>Short or open circuit in TCC control solenoid circuit</li> <li>TCC control solenoid 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 [GW6A-EL, GW6AX-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 [GW6A-EL, GW6AX-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 [GW6A-EL, GW6AX-EL].)</li> <li>Perform the following procedure to ensure that the DTC has been resolved: <ol style="list-style-type: none"> <li>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 [GW6A-EL, GW6AX-EL].)</li> <li>Are any DTCs present?</li> </ul>	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [GW6A-EL, GW6AX-EL].)
		No DTC troubleshooting completed.