

# DTC U0074:00 [GW6A-EL, GW6AX-EL]

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<b>DTC U0074:00</b>	<b>CAN system communication error (local CAN between TCM and PCM)</b>
<b>DETECTION CONDITION</b>	<ul style="list-style-type: none"> <li>Under the following condition, a communication error (local CAN between TCM and PCM) occurs: <ul style="list-style-type: none"> <li>Battery voltage is <b>10 V or more</b>.</li> </ul> </li> </ul> <b>Diagnostic support note</b> <ul style="list-style-type: none"> <li>The check engine light does not illuminate.</li> <li>The automatic transaxle warning light does not illuminate.</li> <li>PENDING CODE is available.</li> <li>FREEZE FRAME DATA is not 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 TCC control.</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> <li>Inhibits 5GR and 6GR.</li> <li>Inhibits shift down when the accelerator pedal is depressed.</li> </ul>
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>CAN communication line malfunction between TCM and PCM (local CAN between TCM and PCM)</li> <li>PCM DTC is stored.</li> <li>TCM malfunction</li> </ul>
<b>SYSTEM WIRING DIAGRAM</b>	Not applicable

## Diagnostic procedure

STEP	INSPECTION	ACTION
1	<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. • If the vehicle is not repaired, go to the next step. No Go to the next step.
2	<b>VERIFY PCM DTC</b> <ul style="list-style-type: none"> <li>Perform the PCM DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)</li> <li>Are any DTCs present?</li> </ul>	Yes DTC U0074:00 is displayed: • CAN communication line can be considered the cause. — Refer to the wiring diagram and verify whether or not there is a common connector between TCM and PCM. <b>If there is a common connector:</b> <ul style="list-style-type: none"> <li>Determine the malfunctioning part by inspecting the common connector and the terminal for corrosion, damage, or pin disconnection, and the common wiring harness for a malfunction.</li> <li>Repair or replace the malfunctioning part.</li> </ul> <b>If there is no common connector:</b> <ul style="list-style-type: none"> <li>Repair or replace the wiring harness.</li> </ul> • Go to the next step. DTC other than U0074:00 is displayed: • Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].) No Go to the next step.
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: <ul style="list-style-type: none"> <li>Switch the ignition ON (engine off or on).</li> </ul> </li> <li>Perform the DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [GW6A-EL, GW6AX-EL].)</li> <li>Is the same DTC present?</li> </ul>	Yes Replace the control valve body, then go to the next step. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [GW6A-EL, GW6AX-EL].) No Go to the next step.

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STEP	INSPECTION		ACTION
4	<b>VERIFY NO DTC IS PRESENT</b> • Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [GW6A-EL, GW6AX-EL].)
		No	DTC troubleshooting completed.