

DTC U0074:00 [FW6A-EL, FW6AX-EL]

id050227908000

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

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY RELATED SERVICE INFORMATION AVAILABILITY <ul style="list-style-type: none"> Verify related Service Information availability. Is any related Service Information available? 	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	VERIFY PCM DTC <ul style="list-style-type: none"> Perform the PCM DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) Are any DTCs present? 	Yes DTC U0074:00 is displayed: <ul style="list-style-type: none"> CAN communication line can be considered the cause. <ul style="list-style-type: none"> Refer to the wiring diagram and verify whether or not there is a common connector between TCM and PCM. If there is a common connector: <ul style="list-style-type: none"> 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. Repair or replace the malfunctioning part. If there is no common connector: <ul style="list-style-type: none"> Repair or replace the wiring harness. <ul style="list-style-type: none"> Go to the next step. DTC other than U0074:00 is displayed: <ul style="list-style-type: none"> Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
		No Go to the next step.
3	VERIFY DTC TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> Clear the DTC using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FW6A-EL, FW6AX-EL].) Perform the following procedure to ensure that the DTC has been resolved: <ul style="list-style-type: none"> Switch the ignition ON (engine off or on). Perform the DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FW6A-EL, FW6AX-EL].) Is the same DTC present? 	Yes Replace the control valve body, then go to the next step. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [FW6A-EL, FW6AX-EL].)
		No Go to the next step.

STEP	INSPECTION	ACTION
4	VERIFY NO DTC IS PRESENT • Are any DTCs present?	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [FW6A-EL, FW6AX-EL].)
		No DTC troubleshooting completed.