

DTC U0074:00 [SKYACTIV-D 2.2]

id0102s4339600

DTC U0074:00	CAN system communication error (local CAN between PCM and TCM)	
DETECTION CONDITION	<ul style="list-style-type: none"> Malfunction in CAN bus communication line. Diagnostic support note <ul style="list-style-type: none"> This is a continuous monitor (other). The check engine light does not illuminate. FREEZE FRAME DATA (Mode 2)/Snapshot data is not available. DTC is stored in the PCM memory. 	
FAIL-SAFE FUNCTION	Not applicable	
POSSIBLE CAUSE	<ul style="list-style-type: none"> CAN communication line malfunction between PCM and TCM (local CAN between PCM and TCM) <ul style="list-style-type: none"> TCM terminal G—PCM terminal 1AD TCM terminal H—PCM terminal 1Y TCM DTC is stored. PCM malfunction TCM malfunction 	

④
TCM

PCM

TCM WIRING HARNESS-SIDE CONNECTOR

PCM WIRING HARNESS-SIDE CONNECTOR

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.
		No	Go to the next step.

STEP	INSPECTION	ACTION	
2	VERIFY RELATED PENDING CODE AND/OR DTC <ul style="list-style-type: none"> Switch the ignition off, then ON (engine off). Perform the Pending Trouble Code Access Procedure and DTC Reading Procedure. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].) Are any other PENDING CODEs and/or DTCs present? 	Yes	Go to the applicable PENDING CODE or DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].)
		No	Go to the next step.
3	VERIFY TCM DTC <ul style="list-style-type: none"> Perform the TCM DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [GW6A-EL, GW6AX-EL].) Are any DTCs present? 	Yes	DTC U0074:00 or U0115:00 is displayed: <ul style="list-style-type: none"> CAN communication line can be considered the cause. <ul style="list-style-type: none"> Repair or replace the wiring harness between PCM and TCM, then go to the next step. DTC other than U0074:00 and U0115:00 is displayed: <ul style="list-style-type: none"> Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [GW6A-EL, GW6AX-EL].)
		No	PCM can be considered the cause. <ul style="list-style-type: none"> Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4	VERIFY DTC TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Perform the KOEO or KOER self test. (See KOEO/KOER SELF TEST [SKYACTIV-D 2.2].) Is the same DTC present? 	Yes	Repeat the inspection from Step 1. <ul style="list-style-type: none"> If the malfunction recurs, replace the control valve body. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [GW6A-EL, GW6AX-EL].) Go to the next step.
		No	Go to the next step.
5	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].)
		No	DTC troubleshooting completed.