

DTC U0074:00 [SKYACTIV-G 2.0]

id0102h1339600

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.The DTC is stored in the PCM memory.	
FAIL-SAFE FUNCTION	—	
POSSIBLE CAUSE	<ul style="list-style-type: none">CAN communication line between PCM and TCM (local CAN between PCM and TCM) malfunctionTCM DTC is stored.PCM malfunctionTCM malfunction	

③

TCM

G

H

③

③

PCM

1A

1B

TCM WIRING HARNESS-SIDE CONNECTOR

I

C

J

D

K

E

L

F

M

G

N

H

A

B

PCM WIRING HARNESS-SIDE CONNECTOR

1EE

1EA

1DW

1DS

1DO

1DK

1DG

1EF

1EB

1DX

1DT

1DP

1DL

1DH

1DA

1CW

1CS

1CO

1CK

1CG

1CC

1BY

1DB

1CX

1CT

1CP

1CL

1CH

1CD

1BZ

1BR

1BM

1BH

1BC

1AX

1AS

1AN

1AI

1BS

1BN

1BI

1BD

1AY

1AT

1AO

1AJ

1BT

1BO

1BJ

1BE

1AZ

1AU

1AP

1AK

1BU

1BP

1BK

1BF

1BA

1AV

1AQ

1AL

1BV

1BQ

1BL

1BG

1BB

1AW

1AR

1AM

1AD

1Y

1T

1O

1J

1E

1A

1AE

1Z

1U

1P

1K

1F

1B

1AF

1AA

1V

1Q

1L

1G

1C

1AG

1AB

1W

1R

1M

1H

1D

1AH

1AC

1X

1S

1N

1I

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 to off, then to ON (engine off). Perform the Pending Trouble Code Access Procedure and DTC Reading Procedure. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0].) Are any other PENDING CODEs and/or DTCs present? 	Yes	Go to the applicable PENDING CODE or DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0].)
		No	Go to the next step.
3	CONFIRM TCM DTC <ul style="list-style-type: none"> Perform the TCM DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FW6A-EL, FW6AX-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 [FW6A-EL, FW6AX-EL].)
		No	TCM can be considered the cause. <ul style="list-style-type: none"> Replace the control valve body, then go to the next step. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [FW6A-EL, FW6AX-EL].)
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-G 2.0].) Perform the KOEO or KOER self test. (See KOEO/KOER SELF TEST [SKYACTIV-G 2.0].) Is the same DTC present? 	Yes	Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)
		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-G 2.0].) Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0].)
		No	DTC troubleshooting completed.