DTC U0073:00, U0101:00, U0121:00, U0131:00, U0140:00, U0151:00, U0155:00, U0214:00, U0235:00 [SKYACTIV-G 2.0]

DTC U0073:00	CAN system communication error (HS CAN)
DETECTION CONDITION	• Malfunction in CAN bus communication line. **Diagnostic support note** • 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	• CAN bus communication line malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0101:00	CAN communication: communication error to TCM
DETECTION CONDITION	• Communication error between the TCM continues for **5 s or more**. **Diagnostic support note** • This is a continuous monitor (other). • The check engine light illuminates if the PCM detects the above malfunction condition during the first drive cycle. • FREEZE FRAME DATA (Mode 2)/Snapshot data is available. • The DTC is stored in the PCM memory.
FAIL-SAFE FUNCTION	• Controls the turbine rotation signal at **0**. • Inhibits the AT torque reduction request.
POSSIBLE CAUSE	**Note** • During malfunction diagnosis, first verify the malfunction detection of DTC U0074:00 or U0115:00 for the TCM. • CAN communication line between PCM and TCM malfunction • TCM malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0121:00	CAN communication: communication error to DSC HU/CM
DETECTION CONDITION	• Communication error between the DSC HU/CM continues for **5 s or more**. **Diagnostic support note** • This is a continuous monitor (other). • The check engine light illuminates if the PCM detects the above malfunction condition during the first drive cycle. • FREEZE FRAME DATA (Mode 2)/Snapshot data is available. • The DTC is stored in the PCM memory.
FAIL-SAFE FUNCTION	• Inhibits the DSC control.
POSSIBLE CAUSE	• CAN communication line between PCM and DSC HU/CM malfunction • DSC HU/CM malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0131:00	CAN communication: communication error to EPS control module
DETECTION CONDITION	• Communication error between the EPS control module continues for **5 s or more**. **Diagnostic support note** • 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	• CAN communication line between PCM and EPS control module malfunction • EPS control module malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0140:00	CAN communication: communication error to front body control module (FBCM)
DETECTION CONDITION	• Communication error between the front body control module (FBCM) continues for **5 s or more**. **Diagnostic support note** • 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	• CAN communication line between PCM and front body control module (FBCM) malfunction • Front body control module (FBCM) malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0151:00	CAN communication: communication error to SAS control module
DETECTION CONDITION	• Communication error between the SAS control module continues for **5 s or more**. **Diagnostic support note** • 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	• CAN communication line between PCM and SAS control module malfunction • SAS control module malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0155:00	CAN communication: communication error to instrument cluster
DETECTION CONDITION	• Communication error between the instrument cluster continues for **5 s or more**. **Diagnostic support note** • This is a continuous monitor (other). • The check engine light illuminates if the PCM detects the above malfunction condition during the first drive cycle. • FREEZE FRAME DATA (Mode 2)/Snapshot data is available. • The DTC is stored in the PCM memory.
FAIL-SAFE FUNCTION	—

DTC U0155:00	CAN communication: communication error to instrument cluster
POSSIBLE CAUSE	• CAN communication line between PCM and instrument cluster malfunction • Instrument cluster malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0214:00	CAN communication: communication error to start stop unit
DETECTION CONDITION	• Communication error between the start stop unit continues for **5 s or more**. **Diagnostic support note** • 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	• Inhibits the i-stop control and flashes the i-stop warning light (amber) (engine stalls while engine is stopped by i-stop control).
POSSIBLE CAUSE	• CAN communication line between PCM and start stop unit malfunction • Start stop unit malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

DTC U0235:00	CAN communication: communication error to laser sensor
DETECTION CONDITION	• Communication error between the laser sensor continues for **5 s or more**. **Diagnostic support note** • 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	• The smart city brake support function is cancelled.
POSSIBLE CAUSE	• CAN communication line between PCM and laser sensor malfunction • Laser sensor malfunction • PCM malfunction
SYSTEM WIRING DIAGRAM	—

Diagnostic Procedure
• Inspect according to the diagnostic procedure in ON-BOARD DIAGNOSTIC [MULTIPLEX COMMUNICATION SYSTEM]. (See FOREWORD [SKYACTIV-G 2.0 (L.H.D.)].) (See FOREWORD [SKYACTIV-G 2.0 (R.H.D.)].)