

DTC U0320:00 [SKYACTIV-G 2.0]

id0102h1901300

DTC U0320:00	EPS control module error
DETECTION CONDITION	<ul style="list-style-type: none"> When any of the following conditions is met: <ul style="list-style-type: none"> CAN communication line between EPS control module and PCM malfunction EPS control module internal malfunction 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 drive error (instrument cluster or PCM) CAN communication line between EPS control module and PCM malfunction EPS control module connector or terminals malfunction PCM connector or terminals malfunction EPS control module malfunction PCM malfunction
<div> <div> <div>⑤</div> <div>EPS CONTROL MODULE</div> </div> <div> <div>PCM</div> </div> <div> <div>EPS CONTROL MODULE WIRING HARNESS-SIDE CONNECTOR</div> </div> <div> <div>PCM WIRING HARNESS-SIDE CONNECTOR</div> </div> <div> </div> <div> </div> </div>	

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.
2	VERIFY DTC FOR MODULE COMMUNICATION <ul style="list-style-type: none"> Switch the ignition to off, then to ON (engine off). Perform the 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 EPS CONTROL MODULE DTC <ul style="list-style-type: none"> Perform the EPS control module DTC inspection using the M-MDS. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)
		No	Go to the next step.

STEP	INSPECTION	ACTION
4	INSPECT EPS CONTROL MODULE CONNECTOR CONDITION <ul style="list-style-type: none"> • Switch the ignition to off. • Disconnect the EPS control module connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction? 	Yes
		No
5	INSPECT PCM CONNECTOR CONDITION <ul style="list-style-type: none"> • Disconnect the PCM connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction? 	Yes
		No
6	VERIFY DTC TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> • Make sure to reconnect all disconnected connectors. • 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
		No
7	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
		No