

DTC P0615:00 [SKYACTIV-G 2.0]

id0102h1061500

DTC P0615:00	Starter relay circuit problem
DETECTION CONDITION	<ul style="list-style-type: none">• The PCM records DTCs when the number of times the engine has been started reaches the warranted performance frequency for the starter or starter relay (180,000 times). 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	<ul style="list-style-type: none">• Inhibits engine-stop by operating the i-stop function.
POSSIBLE CAUSE	<ul style="list-style-type: none">• Number of times engine has been started has reached warranted performance frequency for starter or starter relay (180,000 times).• PCM malfunction
SYSTEM WIRING DIAGRAM	—

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. <ul style="list-style-type: none">• If the vehicle is not repaired, go to the next step.
		No Go to the next step.
2	REPLACE STARTER AND STARTER RELAY <ul style="list-style-type: none">• Switch the ignition to off.• Replace the starter and starter relay. (See STARTER REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)	— Go to the next step.
3	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.
4	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.