

DTC U3000:41 [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

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DTC U3000:41	PCM processor error
DETECTION CONDITION	<ul style="list-style-type: none">• PCM internal EEPROM 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.• DTC is not stored in the PCM memory.
FAIL-SAFE FUNCTION	Not applicable
POSSIBLE CAUSE	<ul style="list-style-type: none">• PCM internal malfunction
SYSTEM WIRING DIAGRAM	Not applicable

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	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, SKYACTIV-G 2.5].)• Perform the KOEO self test. (See KOEO/KOER SELF TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)• Is the same DTC present?	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
		No Go to the next step.
3	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none">• Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)• Are any DTCs present?	Yes Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
		No DTC troubleshooting completed.