

DTC P0219:00 [SKYACTIV-D 2.2]

id0102s4148300

DTC P0219:00	Engine overspeed condition
DETECTION CONDITION	<ul style="list-style-type: none"> PCM detects that the engine speed is 5,670 rpm or more. 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 stored in the PCM memory.
FAIL-SAFE FUNCTION	Not applicable
POSSIBLE CAUSE	<ul style="list-style-type: none"> ATX system malfunction <ul style="list-style-type: none"> Excessive rotation due to improper gear lock Malfunction caused by the following driving operations: <ul style="list-style-type: none"> Excessive rotation due to improper shift operation Deceleration using improper gear, and descending slope Mechanical (engine) malfunction <ul style="list-style-type: none"> Fuel injector malfunction PCM 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. • If the vehicle is not repaired, go to the next step.
		No	Go to the next step.
2	VERIFY RELATED PENDING CODE AND/OR DTC <ul style="list-style-type: none"> Switch the ignition off, then ON (engine off). Perform the Pending Trouble Code Access Procedure and DTC Reading Procedure. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].) Is the PENDING CODE/DTC P0336:00 or P0337:00 also present? 	Yes	Go to the applicable PENDING CODE or DTC inspection. (See DTC P0336:00 [SKYACTIV-D 2.2].) (See DTC P0337:00 [SKYACTIV-D 2.2].)
		No	Go to the next step.
3	VERIFY DTC RELATED FUEL SYSTEM PART <ul style="list-style-type: none"> Perform the Pending Trouble Code Access Procedure and DTC Reading Procedure. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].) Is a DTC related to a fuel system part stored? 	Yes	Go to the applicable PENDING CODE or DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].)
		No	Go to the next step.
4	VERIFY ATX RELATED DTC <ul style="list-style-type: none"> Retrieve TCM DTCs using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [GW6A-EL, GW6AX-EL].) Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [GW6A-EL, GW6AX-EL].)
		No	Go to the next step.
5	INSPECT EFFECT OF VEHICLE CONDITION FOR MALFUNCTION <ul style="list-style-type: none"> Verify how the customer drives the vehicle by asking the customer the following: <ul style="list-style-type: none"> Improper shift operation Deceleration using improper gear, and descending slope Is the use situation as indicated above? 	Yes	Explain to the customer that the vehicle is normal. (malfunction due to customer's improper driving operation) If there is a concern with customer's driving, provide the customer some pertinent advice (such as gear selection, how to use manual mode).
		No	Go to the next step.
6	INSPECT FUEL INJECTOR OPERATION <ul style="list-style-type: none"> Perform the Fuel Injector Operation Inspection. (See ENGINE CONTROL SYSTEM OPERATION INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? 	Yes	Repair or replace the malfunctioning part according to the inspection results, then go to the next step.
		No	Go to the next step.

STEP	INSPECTION		ACTION
7	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-D 2.2].) • Start the engine and warm it up completely. • Drive the vehicle. • Perform the DTC Reading Procedure. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].) • Is the same DTC present? 	Yes	Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
		No	Go to the next step.
8	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> • Perform the “AFTER REPAIR PROCEDURE”. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) • Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].)
		No	DTC troubleshooting completed.