

DTC U0442:00 [GW6A-EL, GW6AX-EL]

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DTC U0442:00	Invalid data received from PCM (local CAN between TCM and PCM)
DETECTION CONDITION	<ul style="list-style-type: none"> Under the following condition, the TCM detects the invalid PCM signal for 0.5 s: <ul style="list-style-type: none"> Battery voltage is 10 V or more. Diagnostic support note <ul style="list-style-type: none"> The check engine light does not illuminate. The automatic transaxle warning light does not illuminate. PENDING CODE is available. FREEZE FRAME DATA is not available. DTC is stored in the TCM memory.
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> Set to TCC control. Inhibits learning control. Inhibits manual mode. Inhibits neutral idle control. Inhibits 5GR and 6GR. Inhibits shift down when the accelerator pedal is depressed.
POSSIBLE CAUSE	<ul style="list-style-type: none"> PCM DTC is stored.
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 PCM DTC <ul style="list-style-type: none"> Perform the PCM DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].) Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].)
		No	Go to the next step.
3	VERIFY DTC TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> Clear the DTC using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [GW6A-EL, GW6AX-EL].) Perform the following procedure to ensure that the DTC has been resolved: <ol style="list-style-type: none"> Start the engine and warm it up completely. Drive the vehicle for a while under the following conditions: <ul style="list-style-type: none"> Selector lever position: D position Perform the DTC inspection 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	DTC troubleshooting completed.