

DTC P0883:00 [GW6A-EL, GW6AX-EL]

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DTC P0883:00	TCM power supply voltage high
DETECTION CONDITION	<ul style="list-style-type: none"> • TCM power supply voltage is 18 V or more for 5 s. Diagnostic support note <ul style="list-style-type: none"> • The check engine light illuminates if the TCM detects the above malfunction condition during the first drive cycle. • The automatic transaxle warning light does not illuminate. • PENDING CODE is available. • FREEZE FRAME DATA is available. • DTC is stored in the TCM memory.
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> • Set to emergency mode. • Inhibits learning control. • Inhibits manual mode. • Inhibits neutral idle control. • Inhibits i-stop control. • Inhibits AAS.
POSSIBLE CAUSE	<ul style="list-style-type: none"> • PCM DTC is stored. • Battery malfunction • Generator malfunction
SYSTEM WIRING DIAGRAM	Not applicable

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA/SHOT DATA HAS BEEN RECORDED <ul style="list-style-type: none"> • Has the freeze frame data/snapshot data been recorded on the repair order? 	Yes Go to the next step.
		No Record the freeze frame data/snapshot data on the repair order, then go to the next step.
2	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.
3	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.
4	INSPECT BATTERY <ul style="list-style-type: none"> • Inspect the battery. (See BATTERY INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 	Yes Replace the battery, then go to Step 6. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
		No Go to the next step.
5	INSPECT GENERATOR <ul style="list-style-type: none"> • Inspect the generator. (See GENERATOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 	Yes Replace the generator, then go to the next step. (See GENERATOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
		No Go to the next step.

STEP	INSPECTION	ACTION	
6	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"> 1. Switch the ignition ON (engine off or on) and wait for 5 s or more. • 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.