

DTC P0883:00 [FW6A-EL, FW6AX-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 |
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| 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. <ul style="list-style-type: none">• 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-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 Go to the next step. |
| 4 | INSPECT BATTERY <ul style="list-style-type: none">• Inspect the battery. (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)• Is there any malfunction? | Yes Replace the battery, then go to Step 6. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) |
| | | No Go to the next step. |
| 5 | INSPECT GENERATOR <ul style="list-style-type: none">• Inspect the generator. (See GENERATOR INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)• Is there any malfunction? | Yes Replace the generator, then go to the next step. (See GENERATOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) |
| | | No Go to the next step. |

| STEP | INSPECTION | ACTION | |
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| 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 [FW6A-EL, FW6AX-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 [FW6A-EL, FW6AX-EL].) • Are any DTCs present? | Yes | Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [FW6A-EL, FW6AX-EL].) |
| | | No | DTC troubleshooting completed. |