

DTC P0768:00 [GW6A-EL, GW6AX-EL]

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| DTC P0768:00 | Shift solenoid No.4 circuit malfunction |
| DETECTION CONDITION | <ul style="list-style-type: none"> Under the following condition, the TCM detects the shift solenoid No.4 circuit malfunction: <ul style="list-style-type: none"> Battery voltage is 10.5 V or more. Diagnostic support note The check engine light illuminates if the TCM detects the above malfunction condition during the first drive cycle. The automatic transaxle warning light illuminates if the TCM detects the above malfunction condition during the first drive cycle. 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"> Short or open circuit in shift solenoid No.4 circuit Shift solenoid No.4 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, replace the control valve body. (See CONTROL VALVE BODY REMOVAL/ INSTALLATION [GW6A-EL, GW6AX-EL].) Go to the next step. |
| | | No | Replace the control valve body, then go to the next step. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [GW6A-EL, GW6AX-EL].) |
| 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"> Switch the ignition ON (engine off or on). 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. |