

DTC P06B8:00 [GW6A-EL, GW6AX-EL]

id050230325000

DTC P06B8:00	NVRAM malfunction
DETECTION CONDITION	<ul style="list-style-type: none">• Under the following condition, TCM internal NVRAM data retention/read/write disabled:<ul style="list-style-type: none">— Battery voltage is 8 V or more. 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	Not applicable
POSSIBLE CAUSE	<ul style="list-style-type: none">• TCM initial learning error• Control valve body malfunction<ul style="list-style-type: none">— TCM internal NVRAM 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. <ul style="list-style-type: none">• If the vehicle is not repaired, go to the next step.
		No Go to the next step.
3	PERFORM INITIAL LEARNING <ul style="list-style-type: none">• Perform the initial learning. (See INITIAL LEARNING [GW6A-EL, GW6AX-EL].)• 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).• Perform the DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [GW6A-EL, GW6AX-EL].)• Is the DTC P06B8:00 also present?	Yes Replace the control valve body, then go to the next step. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [GW6A-EL, GW6AX-EL].)
		No DTC troubleshooting completed.
4	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).• 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.