

DTC P0741:00 [FW6A-EL, FW6AX-EL]

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DTC P0741:00	TCC control solenoid stuck off
DETECTION CONDITION	<ul style="list-style-type: none"> Under the following conditions, difference in slip amount over 5 s compared to target slip amount is 200 rpm or more, and TCC feedback hydraulic pressure is 200 kPa {2.04 kgf/cm², 29.0 psi} or more occurs: <ul style="list-style-type: none"> Selector lever position is D position. No electrical malfunction in TCC control solenoid During TCC or TCC feedback There is no difference between vehicle speed signal from DSC HU/CM and output shaft speed sensor signal. Engine is running. ATF temperature is -25 °C {-13 °F} or more. Turbine/input shaft speed sensor and output shaft speed sensor DTC is not recorded. <p>Diagnostic support note</p> <ul style="list-style-type: none"> The check engine light illuminates if the TCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the TCM. The automatic transaxle warning light illuminates if the TCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the TCM. 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"> Inhibits TCC control. Inhibits learning control. Inhibits manual mode. Inhibits neutral idle control. Inhibits i-stop control. Inhibits AAS.
POSSIBLE CAUSE	<ul style="list-style-type: none"> TCC control solenoid malfunction ATF leakage from clutch circuit TCC clutch burnt Control valve body 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, replace the automatic transaxle. (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6A-EL].) (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6AX-EL].) Go to the next step.
		No	Replace the automatic transaxle, then go to the next step. (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6A-EL].) (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6AX-EL].)

STEP	INSPECTION	ACTION	
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 [FW6A-EL, FW6AX-EL].) • Perform the following procedure to ensure that the DTC has been resolved: <ol style="list-style-type: none"> 1. Drive the vehicle for 5 s or more under the following conditions: <ul style="list-style-type: none"> • Selector lever position: D position • During TCC or TCC feedback • 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.