

DTC P0717:00 [FW6A-EL, FW6AX-EL]

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DTC P0717:00	Open circuit in turbine/input shaft speed sensor circuit
DETECTION CONDITION	<ul style="list-style-type: none"> Under the following conditions, the turbine/input shaft speed sensor signal is not input for 1 s: <ul style="list-style-type: none"> Engine is running. Vehicle speed signal related DTC is not recorded. Vehicle speed is 16 km/h {9.9 mph} or more. There is no difference between vehicle speed signal from DSC HU/CM and output shaft speed sensor signal. DTC U0121:00 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 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 TCC control. Inhibits learning control. Inhibits manual mode. Inhibits neutral idle control. Inhibits i-stop control. Inhibits AAS. Inhibits 5GR and 6GR. Inhibits shift down when the accelerator pedal is depressed.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Turbine/input shaft speed sensor 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 control valve body. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [FW6A-EL, FW6AX-EL].) Go to the next step.
		No Replace the control valve body, then go to the next step. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [FW6A-EL, FW6AX-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 [FW6A-EL, FW6AX-EL].) Perform the following procedure to ensure that the DTC has been resolved: <ol style="list-style-type: none"> Drive the vehicle for 1 s or more under the following condition: <ul style="list-style-type: none"> Vehicle speed: 16 km/h {9.9 mph} 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.