

2012 - Mazda6 - Transmission/ Transaxle

DTC U0401:00 [FS5A-EL]

DTC U0401:00	Invalid data received from PCM
DETECTION CONDITION	- Irregular input signals input from the PCM. Diagnostic support note: - The MIL does not illuminate. - The AT warning light does not illuminate. - PENDING CODE is not available. - FREEZE FRAME DATA is not available. - The DTC is stored in the TCM memory.
POSSIBLE CAUSE	- PCM malfunction - TCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY RELATED REPAIR INFORMATION AVAILABILITY - Verify related Service Bulletins and/or on-line repair information availability. - Is any related repair information available?	Yes Perform repair or diagnosis according to the available repair information. If the vehicle is not repaired, go to the next step.
		No Go to the next step.
2	VERIFY DTC IS PRESENT - Switch the ignition ON (Engine off). - Read the DTC in the PCM. - Are any DTCs stored?	Yes Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5] .)
		No Go to the next step.
3	VERIFY DTC TROUBLESHOOTING COMPLETED	Yes Replace the TCM, then go to the next

	• Make sure to reconnect all the disconnected connectors. • Clear the DTC using the M-MDS. • Perform the following procedure to ensure that the DTC has been resolved: ◦ Start the engine. ◦ Warm up the engine to normal operating temperature. ◦ Drive the vehicle in D position for 0.5 s or more. • Is the same DTC present?	step. (See TCM REMOVAL/ INSTALLATION [FS5A-EL] .)
		No Go to the next step.
4	VERIFY NO DTCs ARE PRESENT • Perform the “Reading DTCs Procedure”. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FS5A-EL] .) • Are any DTCs present?	YesGo to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [FS5A-EL] .)
		No DTC troubleshooting completed.

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