

2012 - Mazda6 - Transmission/ Transaxle

DTC P1719:00 [AY6A-EL]

DTC P1719:00	Engine torque signal error (inaccurate signal)
DETECTION CONDITION	• Conditions: TCM communication normal • Circumstances: Engine torque signal abnormality detected • Time period: Determined after 275 times lasting 0.02 seconds Diagnostic support note: • The MIL does not illuminate. • The AT warning light does not illuminate. • PENDING CODE is not available. • FREEZE FRAME DATA is available. • The DTC is stored in the TCM memory.
FAIL-SAFE FUNCTION	• Inhibits learning control • Inhibits adaptive shift control • Performs control with the engine torque value of 1.2
POSSIBLE CAUSE	• PCM malfunction
SYSTEM WIRING DIAGRAM	—

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED • Has the FREEZE FRAME DATA been recorded on the repair order?	Yes Go to the next step.
		No Record the FREEZE FRAME DATA on the repair order, then go to the next step.

2	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.
3	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 [MZI 3.7 V6] .) No Go to the next step.
4	VERIFY DTC TROUBLESHOOTING COMPLETED • 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 under the following conditions: ▪ Selector lever position: D position ▪ Engine speed: 500 rpm or more ▪ Accelerator pedal position: 2% or more • Is the same DTC present?	Yes Repeat Step 3. No Go to the next step.
5	VERIFY NO DTCs ARE PRESENT • Perform the "Reading DTCs Procedure". (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [AY6A-EL])	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [AY6A-EL] .)

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- Are any DTCs present?

No DTC troubleshooting completed.

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