

2012 - Mazda6 - Engine

DTC P0563:00 [MZI 3.7 V6]

DTC P0563:00	System voltage high
DETECTION CONDITION	This DTC is stored when the PCM detects high system voltage.
POSSIBLE CAUSE	Charging system concern.

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED Has FREEZE FRAME DATA been recorded?	Yes Go to the next step.
		No Record 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 Service Bulletins available?	Yes Perform repair or diagnosis according to the available Service Bulletins. If the vehicle is not repaired, go to the next step.
		No Go to the next step.
3	INSPECT THE CHARGING SYSTEM - Inspect the charging system. (See QUICK DIAGNOSTIC CHART [MZI 3.7 V6] .) - Is there any malfunction?	Yes Repair or replace malfunctioning part, then go to the next step.
		No Go to the next step.
4	VERIFY TROUBLESHOOTING OF DTC P0563:00 HAS BEEN COMPLETED Verify that all disconnected connectors reconnected.	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6] .)

	• Clear the DTC from the PCM memory using the M-MDS. • Start the engine and run it at idle. • Retrieve DTCs using the M-MDS. • Is the PENDING CODE for this DTC present?	No	Go to the next step.
5	VERIFY AFTER REPAIR PROCEDURE • Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [MZI 3.7 V6].) • Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [MZI 3.7 V6] .)
		No	Troubleshooting completed.

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		No	Troubleshooting completed.