

2012 - Mazda6 - Engine

DTC P0562:00 [MZI 3.7 V6]

DTC P0562:00	System voltage low
DETECTION CONDITION	Each module within the vehicle system monitors input voltage to the module. If the voltage drops below the modules calibrated set point (which varies between modules), that module will set this DTC.
POSSIBLE CAUSE	- Circuit high resistance - Engine, generator and battery grounds - Generator clutch malfunction - Dead battery - High ignition off current drain - PCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY RELATED REPAIR INFORMATION AVAILABILITY	Yes Perform repair or diagnosis according to the available Service Bulletins.
	- Verify related Service Bulletins and/or on-line repair information availability. - Is any related Service Bulletins available?	No Go to the next step.
2	INSPECT THE CHARGING SYSTEM	Yes Repair or replace the malfunctioning part according to the inspection results, then go to the next step.
	- Inspect the charging system. (See QUICK DIAGNOSTIC CHART [MZI 3.7 V6].) - Is there any malfunction?	No Go to the next step.
3	VERIFY TROUBLESHOOTING OF DTC P0562:00 HAS BEEN COMPLETED	Yes Replace the PCM, then go to the next step.

	• Verify that all disconnected connectors reconnected. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [MZI 3.7 V6].) • Start the engine and run it at idle. • Perform the KOEO or KOER self-test. (See KOEO/ KOER SELF TEST [MZI 3.7 V6].) • Is the same DTC present?		(See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6] .)
		No	Go to the next step.
4	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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