

2012 - Mazda6 - Restraints

DTC B00A0:54

System Malfunction Location

- Seat weight sensor calibration setting not set

Detection Condition

WARNING:

- Detection conditions are for understanding the DTC outline before performing an inspection. Performing an inspection according to only the detection conditions may cause injury due to an operating error, or damage the system. When performing an inspection, always follow the inspection procedure.
- Seat weight sensor calibration setting has not been done correctly

Possible Causes

- Seat weight sensor calibration setting not implemented
- Seat weight sensor calibration setting invalid
- Seat weight sensor control module malfunction

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM SEAT WEIGHT SENSOR CALI BRATION • Perform the calibration for the seat weight sensor using the M-MDS. (See SEAT WEIGHT SENSOR CALI BRATION .) • Clear DTCs using the M-MDS. (See CLEARING DTC.) • Verify DTCs using the M-MDS. (See DTC INSPECTION .)	Yes Perform the seat weight sensor calibration, then go to the next step. (See SEAT WEIGHT SENSOR CALI BRATION .)
		No Go to the next step.

	• Is DTC B00A0:54 displayed.		
2	PERFORM SAS CONTROL MODULE DTC INSPECTION • Clear DTCs using the M-MDS. (See CLEARING DTC.) • Verify DTCs using the M-MDS. (See DTC INSPECTION.) • Is DTC B00A0:54 displayed.	Yes	Replace the seat weight sensor control module. (See SEAT WEIGHT SENSOR CONTROL MODULE REMOVAL/ INSTALLATION.)
		No	DTC troubleshooting completed.

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