

2012 - Mazda6 - Body and Accessories

DTC U3000:97 [BLIND SPOT MONITORING (BSM)]

DESCRIPTION	Radar performance malfunction
DETECTION CONDITION	• Radar sensor sensitivity decrease • Radar sensor axial deviation
POSSIBLE CAUSE	• Soiling of rear bumper or BSM control module surface • Reflective object is adhered to or obstructing BSM control module or area around it • Rear bumper repair • BSM control module malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT REAR BUMPER • Is there soiling of or foreign material (reflective object) on the surface of the rear bumper?	Yes Remove dirt or foreign material (reflective object) from the surface of the rear bumper, then go to Step 4.
		No Go to the next step.
2	INSPECT AREA AROUND REAR BUMPER • Remove foreign material (reflective object) or obstruction.	Yes Remove dirt or foreign material (reflective object) from the surface of the rear bumper, then go to Step 4.
		No Go to the next step.
3	VERIFY REAR BUMPER REPAIR HISTORY • Has the rear bumper been repainted? (Is the paint different from the original?)	Yes Replace the rear bumper and paint it using the original paint, then go to next step.
		No Go to the next step.
4	VERIFY TROUBLESHOOTING	Yes Replace the BSM control module (RH), then go

	COMPLETED • Switch the ignition to off. • Connect the M-MDS to the DLC-2. • Switch the ignition to ON. • Clear the DTC from the BSM control module memory using the M-MDS. (See CLEARING DTC [BLIND SPOT MONITORING (BSM)].) • Perform the self-test with M-MDS. (See DTC INSPECTION [BLIND SPOT MONITORING (BSM)].) • Is the same DTC present?		to the next step.
			(See BLIND SPOT MONITORING (BSM) CONTROL MODULE REMOVAL/ INSTALLATION .)
5	VERIFY THAT NO OTHER DTCs ARE RECORDED • Are any DTCs present?		No Go to the next step.
		Yes	Go to the applicable DTC inspection.
			(See DTC TABLE [BLIND SPOT MONITORING (BSM)] .)
			No DTC troubleshooting completed.

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