

2012 - Mazda6 - Body and Accessories

SECURITY LIGHT: 12, DTC: B10D5:13/ P1260:00 [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)]

DTC	Security light flashing pattern		12	• Coil antenna malfunction • PCM or instrument cluster determined a malfunction in coil antenna even though it is normal
	M-MDS display	Instrument cluster	B10D5:13	
		PCM	P1260:00	
POSSIBLE CAUSE				• Connector or terminal malfunction • Coil antenna malfunction • PCM malfunction • Instrument cluster malfunction

Diagnostic Procedure

Step	Inspection	Action
1	INSPECT COIL ANTENNA CONNECTOR CONDITION - Switch the ignition to off. - Disconnect the negative battery cable. - Disconnect the coil antenna connector. - Inspect the connector and terminals (corrosion, damage, pin disconnection). - Is there any malfunction?	Yes Repair or replace the connector or terminals, then go to the next step.
		No Go to the next step.
2	PERFORM DTC INSPECTION Reconnect the disconnected	Yes Replace the coil antenna, then go to the next step. COIL ANTENNA REMOVAL/ INSTALLATION

	connectors. • Reconnect the negative battery cable. • Clear the DTC from the instrument cluster and PCM memory using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)].) • Perform the immobilizer system (keyless entry system) DTC inspection using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)].) • Is the same DTC present?	(See [KEYLESS ENTRY SYSTEM].) No Go to Step 5.
3	PERFORM DTC INSPECTION • Clear the DTC from the instrument cluster and PCM memory using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)].) • Perform the immobilizer system (keyless entry system) DTC inspection using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)].) • Is the same DTC present?	Yes Replace the PCM and program the immobilizer system-related parts, then go to the next step. (See PCM REMOVAL/ INSTALLATION [MZR 2.5].) (See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6].) (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [KEYLESS ENTRY SYSTEM].) No Go to Step 5.
4	VERIFY TROUBLESHOOTING COMPLETED • Clear the DTC from the instrument cluster and PCM memory using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)].) • Perform the immobilizer system (keyless entry system) DTC inspection using the M-MDS. (See DTC INSPECTION	Yes Replace the instrument cluster and program the immobilizer system-related parts, then go to the next step. (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION.) (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [KEYLESS ENTRY SYSTEM].) No Go to the next step.

	[IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)] .) Is the same DTC present?		
5	VERIFY THAT NO OTHER DTCs ARE PRESENT Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)] .))
		No	DTC troubleshooting completed.

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