

2012 - Mazda6 - Body and Accessories

SECURITY LIGHT: 23, DTC: B10DA:62/ P1260:00 [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)]

DTC	Security light flashing pattern		23	ID number data in instrument cluster and PCM do not match
	M-MDS display	Instrument cluster	B10DA:62	
		PCM	P1260:00	
POSSIBLE CAUSE				• The immobilizer system-related parts have not been programmed after replacing the PCM • Instrument cluster malfunction • PCM malfunction

Diagnostic Procedure

Step	Inspection	Action
1	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)] .) • Are the following DTCs present? ▪ U0001:88	Yes Go to the applicable DTC inspection.
		No Go to the next step.
2	VERIFY WHETHER PROGRAMMING	Yes Go to the next step.

	OF IMMOBILIZER SYSTEM-RELATED PARTS HAS BEEN PERFORMED AFTER REPLACE PCM After replace the PCM, has the programming of immobilizer system-related parts been performed?	No Perform the programming of immobilizer system-related parts after replace the PCM only, then go to the next step. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [KEYLESS ENTRY SYSTEM].)
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 Perform the programming of immobilizer system-related parts after replace the instrument cluster only, then go to the next step. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [KEYLESS ENTRY SYSTEM].)
		No Go to Step 6.
4	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 6.
5	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.	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.

	(See DTC INSPECTION [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)] .) • Is the same DTC present?		
6	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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