

2012 - Mazda6 - Body and Accessories

SECURITY LIGHT: 21, DTC: B10D8:00/ P1260:00 [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)]

DTC	Security light flashing pattern		21	Only one key or no key has been programmed
	M-MDS display	Instrument cluster	B10D8:00	
		PCM	P1260:00	
POSSIBLE CAUSE				• Shortage of the number of programmed key • PCM malfunction • Instrument cluster malfunction

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY NUMBER OF PROGRAMMED KEYS • Perform the PID/data monitor inspection using the M-MDS for verify the number of programmed keys. (See PID/ DATA MONITOR INSPECTION [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)] .) ▪ NUMKEYS (See PID/ DATA MONITOR TABLE [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)] .) • Are two or more keys	YesGo to the next step.
		NoProgram an additional key referring to the immobilizer system-related parts programming, then go to the next step. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [KEYLESS ENTRY SYSTEM] .)

	programmed?		
2	PERFORM DTC INSPECTION - Switch the ignition to ON using the programmed key (engine off). - 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 4.
3	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 [IMMOBILIZER SYSTEM (KEYLESS ENTRY SYSTEM)].) - Is the same DTC present?	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.
4	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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