

2012 - Mazda6 - Body and Accessories

SECURITY LIGHT: 13, DTC: B10D7:05/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)]

DTC	Security light flashing pattern		13	Key ID number program error
	M-MDS display	Keyless control module	B10D7:05	
		PCM	P1260:00	
POSSIBLE CAUSE				• Errors during key ID number program procedure • If any of the following items are touching or near key head, signal communication between key and vehicle is negatively affected, resulting in engine not starting: ▪ Spare keys ▪ Keys for other vehicles equipped with immobilizer system ▪ Any metallic object ▪ Any electronic device, or any credit or other card with magnetic strips

EXAMPLES:



METAL RING LYING ON KEY HEAD



METAL PART OF ANOTHER
KEY TOUCHING KEY HEAD



KEY IS NEAR OR TOUCHING
ANOTHER IMMOBILIZER SYSTEM KEY

- PCM malfunction
- Keyless control module 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 (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)].) ▪ NUMKEY (See PID/ DATA MONITOR TABLE [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)].)	YesGo to the next step.
		No Program an additional key referring to the immobilizer system-related parts programming, then go to the next step.
		(See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)

	Are two or more keys programmed?		
2	PERFORM DTC INSPECTION - Clear the DTC from the keyless control module and PCM memory using the M-MDS. (See CLEARING DTC [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) - Perform the immobilizer system (advanced keyless entry and push button start system) DTC inspection using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START 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 [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) No Go to Step 4.	
3	VERIFY TROUBLESHOOTING COMPLETED - Clear the DTC from the keyless control module and PCM memory using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)] .) - Perform the immobilizer system (advanced keyless entry and push button start system) DTC inspection using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)] .) - Is the same DTC present?	Yes Replace the keyless control module and program the immobilizer system-related parts, then go to the next step. (See KEYLESS CONTROL MODULE REMOVAL/ INSTALLATION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START 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 (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)] .) No DTC troubleshooting completed.	

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