

2012 - Mazda6 - Body and Accessories

SECURITY LIGHT: 23, DTC: B10DA:62/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)]

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

Diagnostic Procedure

Step	Inspection		Action
1	PERFORM DTC INSPECTION - 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)].) - Are the following DTCs present?	Yes	Go to the applicable DTC inspection.
		No	Go to the next step.

2	VERIFY WHETHER PROGRAMMING 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?	Yes Go to the next step. 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 [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM].)	
3	PERFORM DTC INSPECTION - 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 Perform the programming of immobilizer system-related parts after replace the keyless control module only, then go to the next step. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM].) No Go to Step 6.	
4	PERFORM DTC INSPECTION - 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 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 6.	
5	VERIFY TROUBLESHOOTING COMPLETED	Yes Replace the keyless control module and program the immobilizer system-related	

	• 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?	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.
6	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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