

2012 - Mazda6 - Body and Accessories

DTC TABLE [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)]

NOTE:

- The security light flashes or illuminates under the following conditions when the ignition is switched to the off or ACC.
 - If there is any malfunction:
 - DTC 16 or below: Flashes for **approx. 1 min** and the DTC flash pattern indicated in the table below repeats **10 times**.
 - DTC 21 or higher: Illuminates for **approx. 1 min** and the DTC flash pattern indicated in the table below repeats **10 times**.
 - If more than one DTC is detected, only the DTC with the lowest number is displayed.
 - If there is no malfunction:
 - The security light illuminates **for approx. 3 s** and then turns off.

×: Illuminated

–: Not illuminated or not applicable

DTC						Detection condition	Reference
Security light flashing pattern		Keyless warning light	Push button start warning light	M-MDS display*			
				Keyless control module	PCM		
11		×	×	B10D9:87	P1260:00	No detected communication with coil antenna	(See SECURITY LIGHT: 11, DTC: B10D9:87/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)] .)
12		×	×	B10D5:13	P1260:00	• Coil antenna malfunction • PCM or keyless control module determined a malfunction	(See SECURITY LIGHT: 12, DTC: B10D5:13/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON

22		-	-	B10DA:51	P1260:00	Communication error between keyless control module and PCM (data transfer failure)	LIGHT: 22, DTC: B10DA:51/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)].)
23		-	-	B10DA:62	P1260:00	ID number data in keyless control module and PCM do not match	(See SECURITY LIGHT: 23, DTC: B10DA:62/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)].)
Not illuminated		×	×	B10E6:11	-	Voltage less than the specification (2.2—6.5 V) is detected for 0.5 s while the coil antenna power supply circuit is active	(See SECURITY LIGHT: NOT ILLUMINATED, DTC B10E6:11/ - [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)].)
				B10E6:12		Voltage higher than the specification (2.2—6.5 V) is detected for 0.05 s while the coil antenna power supply circuit is not active	(See SECURITY LIGHT: NOT ILLUMINATED, DTC B10E6:12/ - [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)].)
				U0001:88	U0073:00	Module communication error (HS-CAN)	
				-	U0100:00	-	Communication error with PCM
				×	U3000:41	-	Keyless control module internal malfunction (See DTC U3000:41 [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)

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The letters at the beginning of each DTC are only displayed when using the M-MDS, and refer to the following: B= Body system, P= Powertrain system, U= Network communication system.

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