

2012 - Mazda6 - Body and Accessories

SYMPTOM TROUBLESHOOTING CHART [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]

NOTE:

- The KEY indicator light (green) flashes for **approx. 30 s** to indicate that the remaining battery power of the transmitter is low. Replace with a new battery before the transmitter becomes unusable.
- Under the following conditions, the KEY warning light (red) flashes to inform the driver that the push button start will not switch to ACC even if it is pressed from off.
 - The transmitter battery is dead.
 - The transmitter not within operational range.
 - The transmitter is placed in areas where it is difficult for the system to detect the signal.
 - A key from another manufacturer similar to the transmitter is in the operational range.

No.	Troubleshooting item	Description	Page
1	Door cannot be locked/unlocked by transmitter (electrical key button)	• Cannot door lock and/or unlock with transmitter (electrical key button)	(See NO.1 DOOR CANNOT BE LOCKED/ UNLOCKED BY ADVANCED KEY [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
2	Advanced keyless entry function inoperative	• Cannot door lock with door lock request switch • Cannot door unlock with door unlock touch sensor • Cannot trunk lid open with trunk lid opener switch	(See NO.2 ADVANCED KEYLESS ENTRY FUNCTION INOPERATIVE [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
3	Push button start system does not operate	• Cannot switch to ACC or IG ON • Engine does not start	(See NO.3 PUSH BUTTON START SYSTEM DOES NOT OPERATE [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
4	After engine start,	• Possible cause related to non-	(See NO.4 AFTER ENGINE START,

	electrical devices do not operate	operation of electrical devices (such as blower motor, rear wiper) with ignition is switched to ON (IG2), after engine start	ELECTRICAL DEVICES DO NOT OPERATE [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
5	Push button start system does not turn off (IG OFF)	• Engine does not turn off even if engine shut off operation is performed • Electrical devices continue to operate after engine is turned off • Dead battery • Engine does not turn off even if the emergency engine stop (continuously pressing the push button start or quickly pressing it any number of times) is performed	(See NO.5 PUSH BUTTON START SYSTEM DOES NOT TURN OFF (IG OFF) [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)

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