

2012 - Mazda6 - Body and Accessories

No.2 DOOR GLASS DOES NOT OPERATE USING THE KEYLESS TRANSMITTER [POWER WINDOW SYSTEM (EXTERIOR OPEN FUNCTION)]

2	DOOR GLASS DOES NOT OPERATE USING THE KEYLESS TRANSMITTER
POSSIBLE CAUSE	• Keyless receiver • Keyless control module malfunction (with advanced keyless entry and push button start system) • BCM malfunction • Open circuit in wiring harness between keyless control module/keyless receiver and BCM • Any door or liftgate is open • Key is inserted in steering lock (with keyless entry system) • Ignition is switched to position other than off (with advanced keyless entry and push button start system)

Diagnostic Procedure

Step	Inspection	Action
1	• Inspect the door lock/unlock operation using the transmitter. • Does it operate normally?	Yes Inspect the following parts, and repair or replace. • Keyless receiver • BCM (See BODY CONTROL MODULE (BCM) INSPECTION.) • Keyless control module (with advanced keyless entry and push button start system) (See KEYLESS CONTROL MODULE INSPECTION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM].)
		No Go to the next step.
2	• Inspect the open condition of the doors and the	Yes System is normal (Does not operate when a door or the liftgate is open).

	liftgate. Is the reason why they do not lock/unlock because a door or the liftgate is open?	No	Go to the next step.
3	- Verify whether the key is in the steering lock. (with keyless entry system) - Verify that the ignition is switched to a position other than off. (with advanced keyless entry and push button start system)	Yes	System is normal (Does not operate when the key is inserted in the steering wheel lock. (with keyless entry system) (Does not operation when the ignition is switched to position other than off. (with advanced keyless entry and push button start system))
		No	Go to the next step.
4	When the lock/unlock operation does not operate for reasons other than the above Steps 2 and 3.	Yes	Inspect the following parts, and repair or replace. - Keyless receiver - Keyless control module (with advanced keyless entry and push button start system) (See KEYLESS CONTROL MODULE INSPECTION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) - Wiring harness between keyless control module/keyless receiver and BCM.
		No	Reinspect for malfunction recurrence.If the malfunction is not corrected, repeat the procedure from Step 1.

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		No Go to the next step.
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	liftgate. Is the reason why they do not lock/unlock because a door or the liftgate is open?	No	Go to the next step.
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