

2012 - Mazda6 - Body and Accessories

No.5 DOOR GLASS STOPS BEFORE FULLY OPENING/ CLOSING [POWER WINDOW SYSTEM (EXTERIOR OPEN FUNCTION)]

5	DOOR GLASS STOPS BEFORE FULLY OPENING
POSSIBLE CAUSE	• Power window main switch malfunction • Power window subswitch (passenger's) malfunction • Power window motor malfunction • Battery malfunction (Low voltage) • Door glass improper installation • Power window initialization procedure error • Keyless receiver malfunction • Keyless control module malfunction (with advanced keyless entry and push button start system) • BCM malfunction • Keyless entry system signal reception error (outside operation area, radio signal interference)

Diagnostic Procedure

Step	Inspection	Action
1	• Operate the door glass in auto/manual by operating the power window main switch/power window subswitch (passenger's). • Does the door glass stop before fully opening/closing using either operation?	Yes Inspect the following parts, and repair or replace. • Power window main switch (See POWER WINDOW MAIN SWITCH INSPECTION.) • Power window subswitch (passenger's) (See POWER WINDOW SUBSWITCH INSPECTION.) • Power window motor (See

			POWER WINDOW MOTOR INSPECTION .) • Battery (Low voltage) • Door glass (Installation condition)
		No	Go to the next step.
2	• Inspect the operation of the door glass by repeating Step 1 above. • Does the door glass stop before fully opening/closing while in auto operation?	Yes	Perform the power window initialization procedure. (See POWER WINDOW SYSTEM INITIALIZATION PROCEDURE.)
		No	Go to the next step.
3	• Open the door glass by operating the transmitter. • Does the door glass stop before fully opening?	Yes	Inspect the following parts, and repair or replace. • 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] .) • BCM (See BODY CONTROL MODULE (BCM) INSPECTION .)
		No	Reinspect for malfunction recurrence.If the malfunction is not corrected, repeat the procedure from Step 1.

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			POWER WINDOW MOTOR INSPECTION .) • Battery (Low voltage) • Door glass (Installation condition)
		No	Go to the next step.
2	• Inspect the operation of the door glass by repeating Step 1 above. • Does the door glass stop before fully opening/closing while in auto operation?	Yes	Perform the power window initialization procedure. (See POWER WINDOW SYSTEM INITIALIZATION PROCEDURE.)
		No	Go to the next step.
3	• Open the door glass by operating the transmitter. • Does the door glass stop before fully opening?	Yes	Inspect the following parts, and repair or replace. • 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] .) • BCM (See BODY CONTROL MODULE (BCM) INSPECTION .)
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