

2012 - Mazda6 - Body and Accessories

No.6 DRIVER'S AND PASSENGER'S DOOR GLASSES OPERATE ACCIDENTALLY [POWER WINDOW SYSTEM (EXTERIOR OPEN FUNCTION)]

6	Driver's and passenger's door glasses operate accidentally
POSSIBLE CAUSE	• Transmitter malfunction • Request switch malfunction • Open or short circuit in wiring harness between request switch (each door) and keyless control module. • Power window main switch malfunction • Power window subswitch (passenger's) malfunction • Open or short circuit in wiring harness between power window main switch and power window subswitch (passenger's) • BCM malfunction

Diagnostic procedure

STEP	INSPECTION		ACTION
1	• Inspect if malfunction is in operating by transmitter	Yes	Inspect the transmitter.
		No	With keyless entry system • Go to Step 3. With advanced keyless entry and push button start system • Go to the next step.
2	• Inspect if malfunction is in operating by request switch	Yes	Inspect the following parts and repair or replace. • Request switch (See REQUEST SWITCH INSPECTION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) • Wiring harness between request switch

			and keyless control module
		No	Go to the next step.
3	Inspect if malfunction is in operating power window main switch	Yes	Inspect power window main switch (See POWER WINDOW MAIN SWITCH INSPECTION .)
		No	Go to the next step.
4	Inspect if malfunction is in without operating Step1to 3	Yes	Inspect the following parts and repair or replace - Power window subswitch (passenger's) (See POWER WINDOW SUBSWITCH INSPECTION.) - BCM (See BODY CONTROL MODULE (BCM) INSPECTION.) - Wiring harness between power window subswitch (passenger's) and power window main switch
		No	Reinspect for malfunction recurrence.If the malfunction is not corrected, repeat the procedure from Step 1.

[< Previous](#) [Next >](#)

[Back to Top](#)

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Diagnostic procedure

STEP	INSPECTION		ACTION
1	• Inspect if malfunction is in operating by transmitter	Yes	Inspect the transmitter.
		No	With keyless entry system • Go to Step 3. With advanced keyless entry and push button start system • Go to the next step.
2	• Inspect if malfunction is in operating by request switch	Yes	Inspect the following parts and repair or replace. • Request switch (See REQUEST SWITCH INSPECTION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) • Wiring harness between request switch

			and keyless control module
		No	Go to the next step.
3	Inspect if malfunction is in operating power window main switch	Yes	Inspect power window main switch (See POWER WINDOW MAIN SWITCH INSPECTION .)
		No	Go to the next step.
4	Inspect if malfunction is in without operating Step1to 3	Yes	Inspect the following parts and repair or replace - Power window subswitch (passenger's) (See POWER WINDOW SUBSWITCH INSPECTION.) - BCM (See BODY CONTROL MODULE (BCM) INSPECTION.) - Wiring harness between power window subswitch (passenger's) and power window main switch
		No	Reinspect for malfunction recurrence.If the malfunction is not corrected, repeat the procedure from Step 1.

< [Previous](#) [Next](#) >

[Back to Top](#)