

2012 - Mazda6 - Body and Accessories

No.1 DOOR GLASS DOES NOT OPERATE EVEN THOUGH VARIOUS OPERATIONS ARE PERFORMED [POWER WINDOW SYSTEM (EXTERIOR OPEN FUNCTION)]

1	Door glass does not operate even though various operations are performed
POSSIBLE CAUSE	• Power window main switch malfunction • Power window motor malfunction • Battery malfunction (low voltage) • power window initialization procedure error • Open circuit in wiring harness between power window main switch and BCM • BCM malfunction

Diagnostic Procedure

Step	Inspection	Action
1	• Inspect the operation of the door glass by operating the power window main switch. • Is the manual operation normal?	Yes Go to the next step.
		No Inspect the following parts, and repair or replace. • Power window main switch (See POWER WINDOW MAIN SWITCH INSPECTION.) • Power window motor (See POWER WINDOW MOTOR INSPECTION.) • Battery (Low voltage)
2	• Inspect the operation of the door glass by operating the power window main switch. • Does the door glass operate in auto?	Yes Go to the next step.
		No Perform the power window initialization procedure. (See POWER WINDOW SYSTEM INITIALIZATION PROCEDURE .)

3	Does the door lock/unlock normally?	Yes Inspect the wiring harness between the power window main switch and the BCM. If there is any malfunction, repair or replace the applicable part. No Perform the keyless entry system / advanced keyless entry and push button start system symptom troubleshooting procedure. (See NO.1 KEYLESS ENTRY SYSTEM DOES NOT OPERATE NORMALLY [KEYLESS ENTRY SYSTEM] .) (See NO.1 DOOR CANNOT BE LOCKED/ UNLOCKED BY ADVANCED KEY [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
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