

2012 - Mazda6 - Body and Accessories

QUICK DIAGNOSTIC CHART [POWER WINDOW SYSTEM (EXTERIOR OPEN FUNCTION)]

Possible factor Troubleshooting item	1	2	3	4	5	6	7
	Door glass does not operate even though various operations are performed	Door glass does not operate using the keyless transmitter	Door glass does not operate using the request switch	Passenger's door glass do not operate	Door glass stops before fully opening	Driver's and passenger's door glasses operate accidentally	Passenger's door glass operates accidentally
Power window main switch malfunction	X				X	X	
Power window subswitch (passenger's) malfunction				X	X	X	X
Power window motor malfunction	X			X	X		
Battery malfunction (low voltage)	X			X	X		
Power window initialization procedure error	X			X	X		
Open circuit in wiring harness between power window main switch and BCM	X						
BCM malfunction	X	X	X		X	X	
Keyless control module (with advanced keyless entry and push button start system)			X		X		
Keyless receiver		X	X		X		
Open circuit in wiring harness between keyless control module /keyless receiver and BCM		X	X				
Any door or liftgate is open.		X	X				
Key is inserted in steering lock. (keyless entry system)		X	X				
Ignition is switched to position other than off. (Advanced keyless entry and push button start system)		X	X				
Open circuit in wiring harness between request switch and keyless control module.			X			X	
Open circuit in wiring harness between power window main switch and power window subswitch (passenger's)				X		X	
Door glass improper installation					X		
Keyless entry system signal reception error (outside operation area, radio signal interference)					X		
Transmitter malfunction						X	
Request switch malfunction						X	

NOTE:

- The exterior open function does not operate when the following conditions are met.
 - Any door or liftgate is open.
 - The key is inserted in the steering lock.
 - The start knob is not in the LOCK position.
- The auto-open function (the exterior open function) does not operate if the power window initialization procedure has been reset.
- Depending on the temperature and battery conditions, the window may reverse on rare occasions.

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