

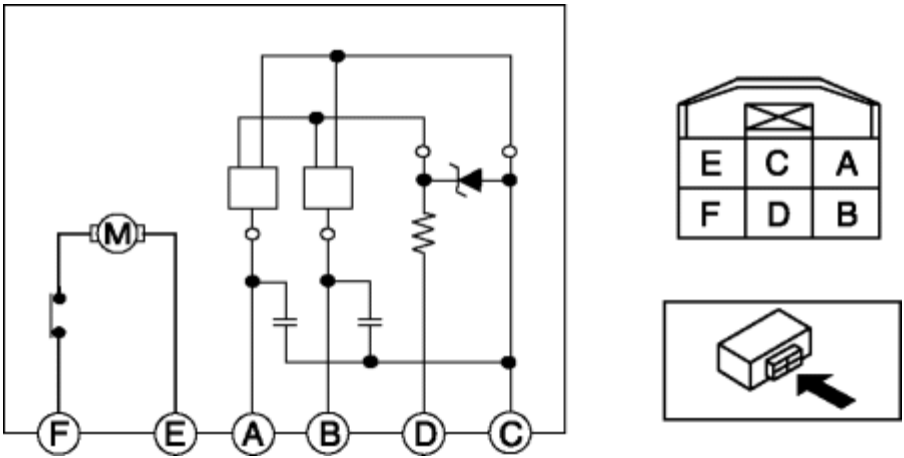
2012 - Mazda6 - Body and Accessories

POWER WINDOW MOTOR INSPECTION

Front Side

Auto-open/ close function

- 1. Disconnect the negative battery cable.
- 2. Remove the inner garnish. (See [INNER GARNISH REMOVAL/ INSTALLATION.](#))
- 3. Remove the front door trim. (See [FRONT DOOR TRIM REMOVAL/ INSTALLATION.](#))
- 4. Disconnect the power window motor connector.
- 5. Apply battery positive voltage and connect the ground to power window motor terminals E and F, and then inspect the power window motor operation.



- If the power window motor does not operate as indicated in the table, replace it. (See [POWER WINDOW MOTOR REMOVAL/ INSTALLATION.](#))

Operation	Terminal	
	F	E
Close	Ground	B+
Open	B+	Ground

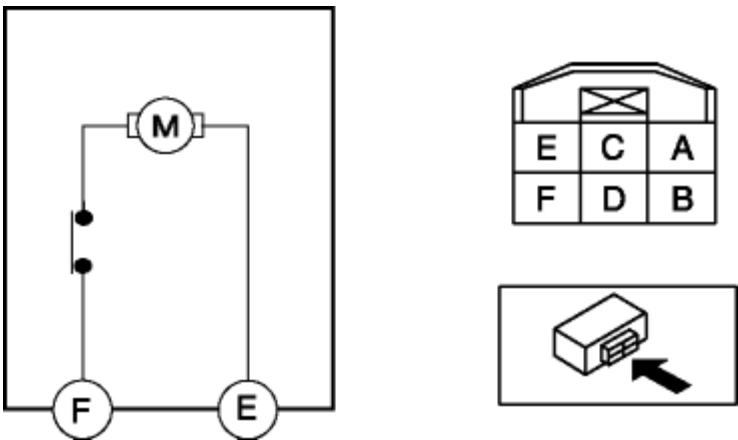
6. Connect the battery positive voltage to power window motor terminal D and connect terminal C to ground.
7. Operate the power window motor and measure the voltage at terminals A and B.
 - If there is any malfunction, replace the power window motor. (See **POWER WINDOW MOTOR REMOVAL/ INSTALLATION.**)

Voltage

- Pulse: max. 5 V/min. 0 V

Except auto-open/ close function

1. Disconnect the negative battery cable.
2. Remove the inner garnish. (See **INNER GARNISH REMOVAL/ INSTALLATION.**)
3. Remove the front door trim. (See **FRONT DOOR TRIM REMOVAL/ INSTALLATION.**)
4. Disconnect the power window motor connector.
5. Apply battery positive voltage and connect the ground to power window motor terminals E and F, and then inspect the power window motor operation.

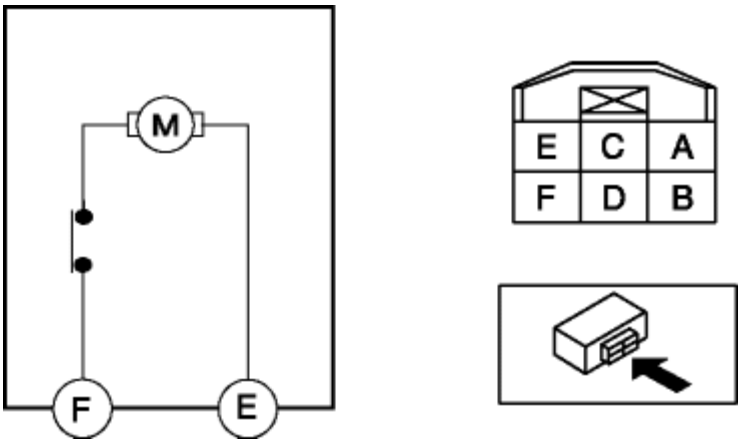


- If the power window motor does not operate as indicated in the table, replace the power window motor. (See **POWER WINDOW MOTOR REMOVAL/ INSTALLATION.**)

Operation	Terminal	
	E	F
Open	Ground	B+
Close	B+	Ground

Rear Side

- 1. Disconnect the negative battery cable.
- 2. Remove the rear door trim. (See [REAR DOOR TRIM REMOVAL/ INSTALLATION.](#))
- 3. Disconnect the power window motor connector.
- 4. Apply battery positive voltage and connect the ground to power window motor terminals E and F, and then inspect the power window motor operation.



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Operation	Terminal	
	E	F
Open	Ground	B+
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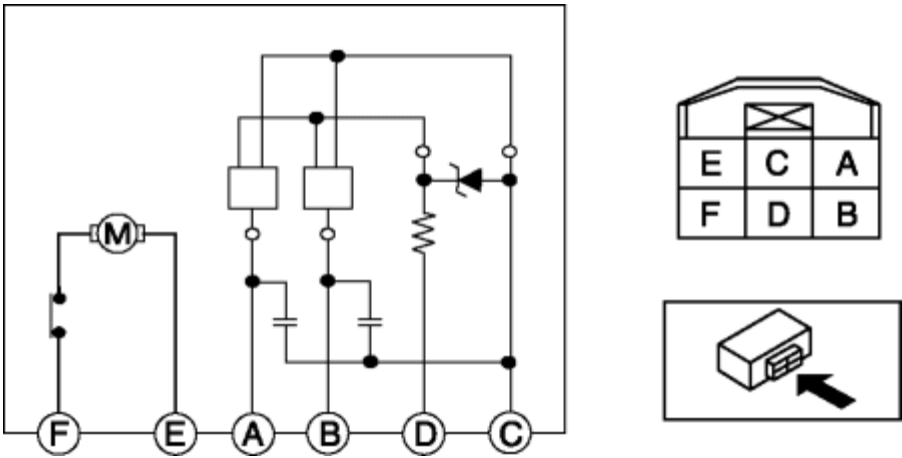
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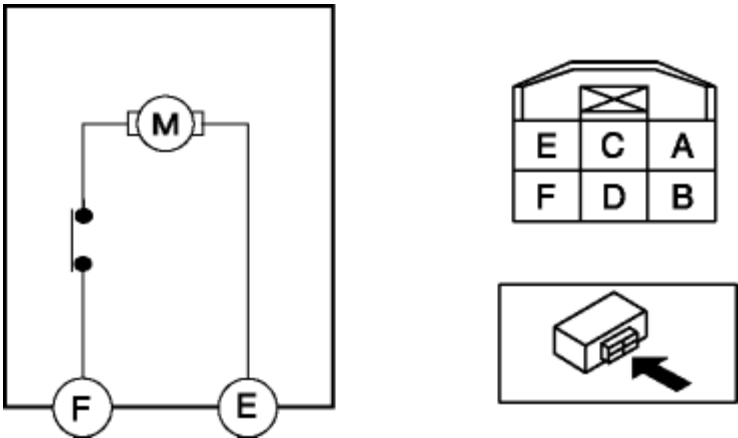
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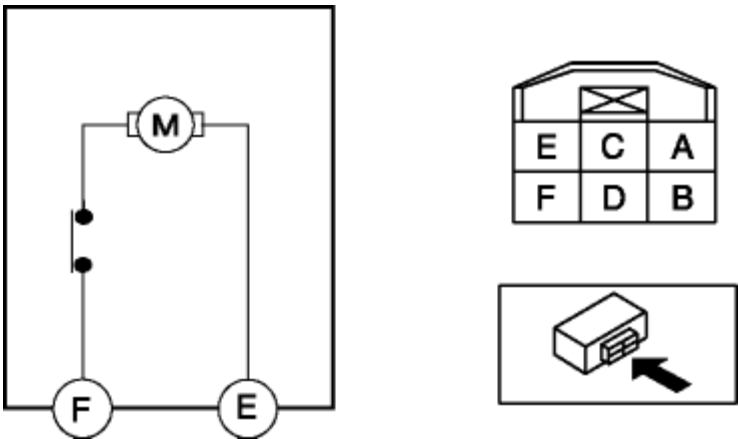


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