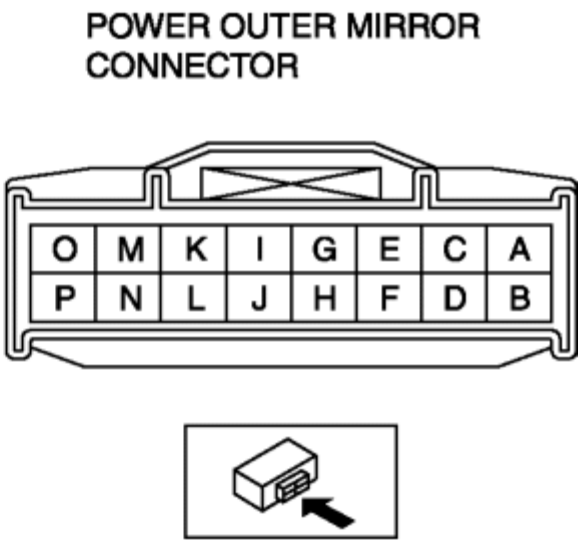
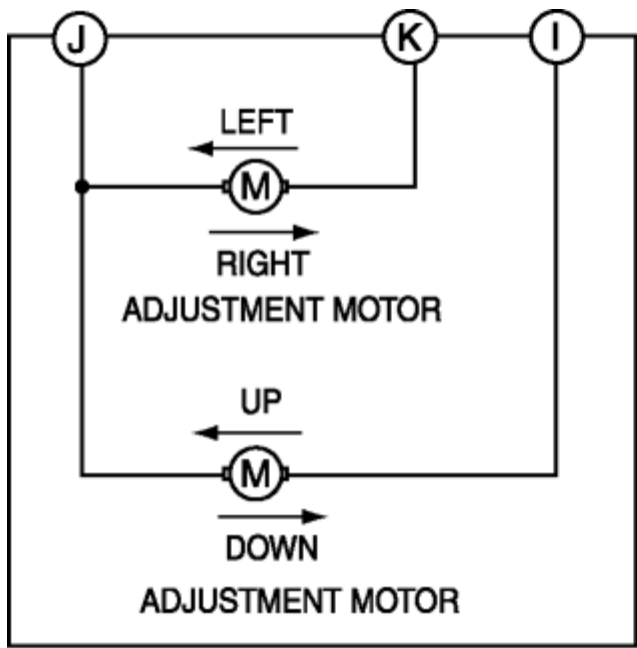


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POWER OUTER MIRROR INSPECTION

Mirror Glass Adjustment Motor

- 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 outer mirror connector.
- 5. Apply battery positive voltage and connect the ground to the power outer mirror connector terminals and inspect the power outer mirror operation.



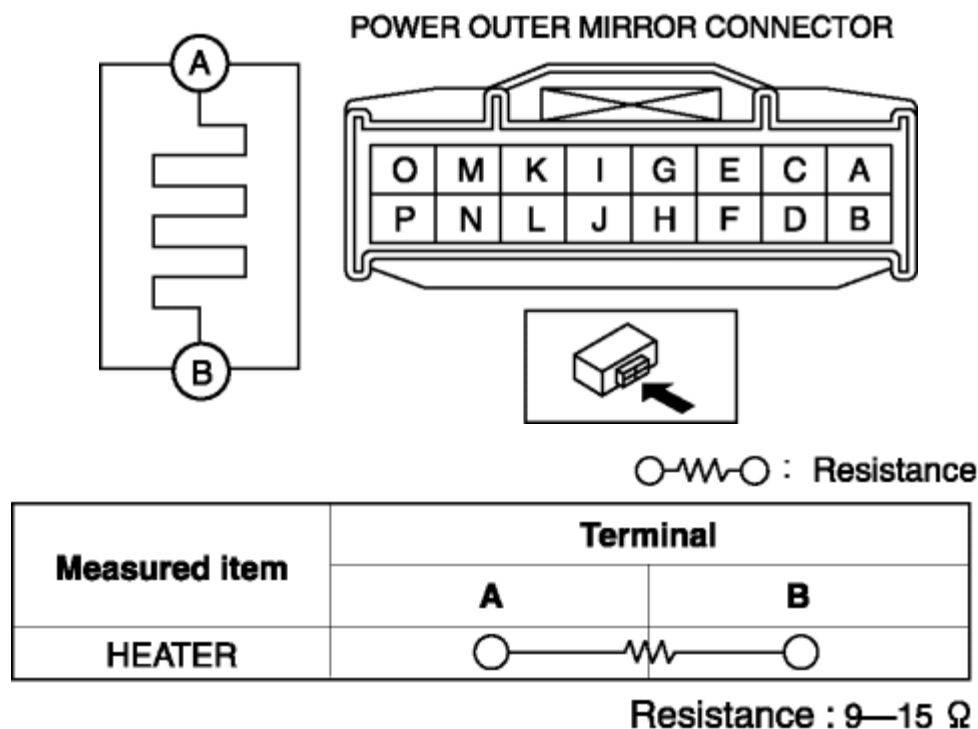
Mirror operation direction	Terminal	
	B+	Ground
Up	I	J
Down	J	I

Left	K	J
Right	J	K

- If the power outer mirror does not operate as indicated in the table, replace it.
(See [POWER OUTER MIRROR REMOVAL/ INSTALLATION](#).)

With Heated Outer Mirror

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 outer mirror connector.
5. Verify that the resistance is as indicated in the table.

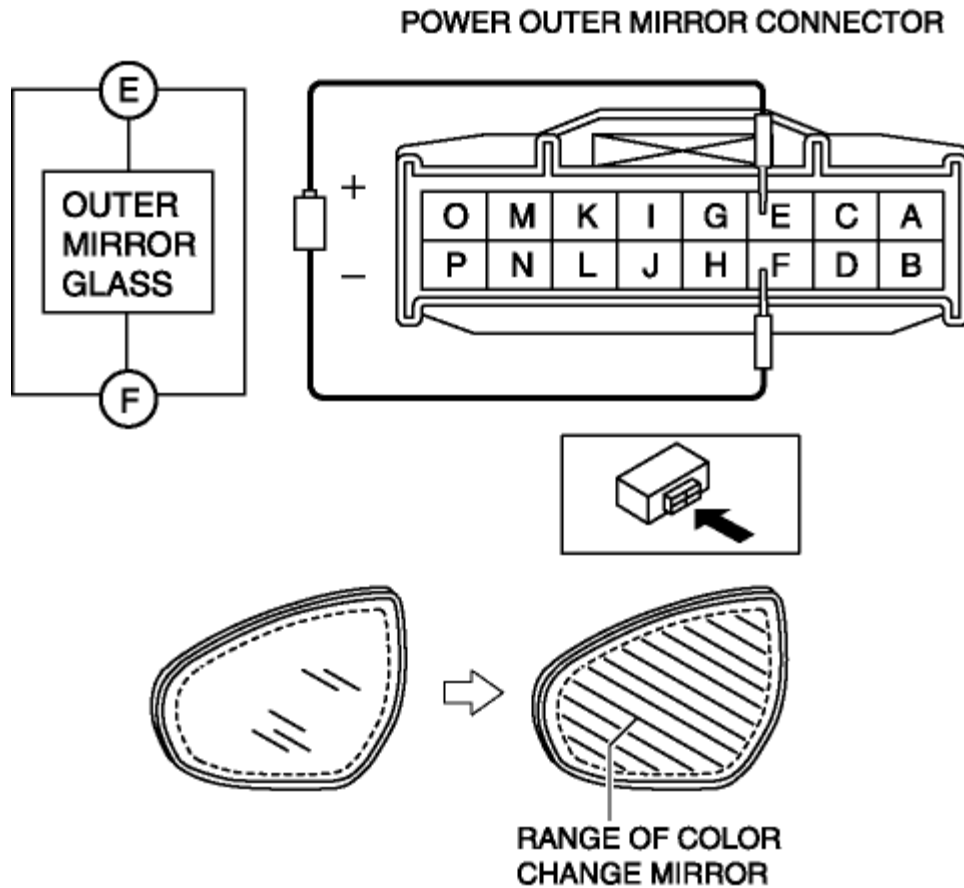


- If not as indicated in the table, inspect the outer mirror glass. (See [OUTER MIRROR GLASS INSPECTION](#).)
 - If there is no malfunction in the outer mirror glass, replace the power outer mirror. (See [POWER OUTER MIRROR REMOVAL/ INSTALLATION](#).)

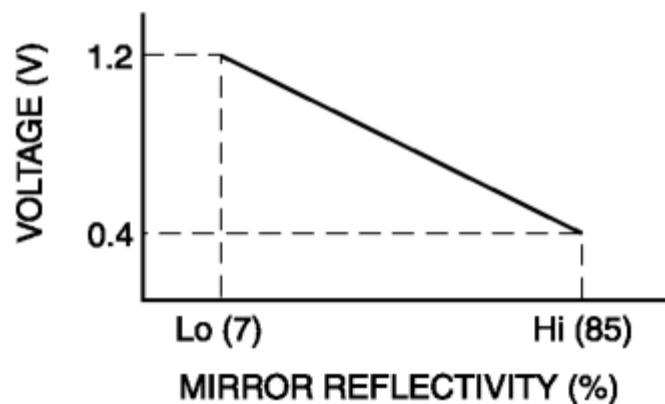
With Auto-dimming Mirror

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 outer mirror connector.
5. Connect the power outer mirror connector terminal E to a dry cell battery's plus (+) terminal (1.2 V) and terminal F to its minus terminal.



REFERENCE



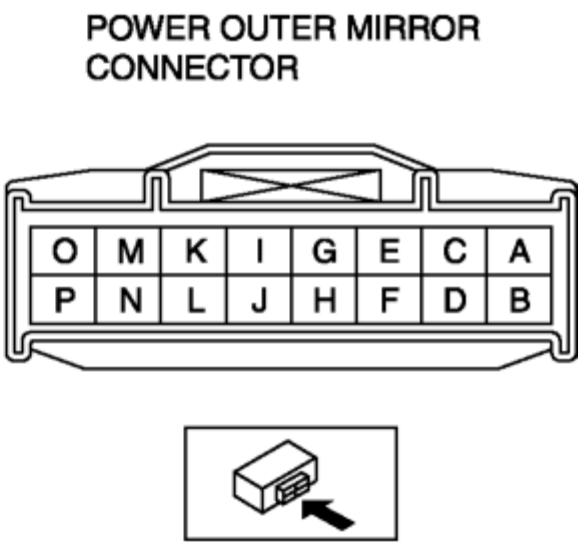
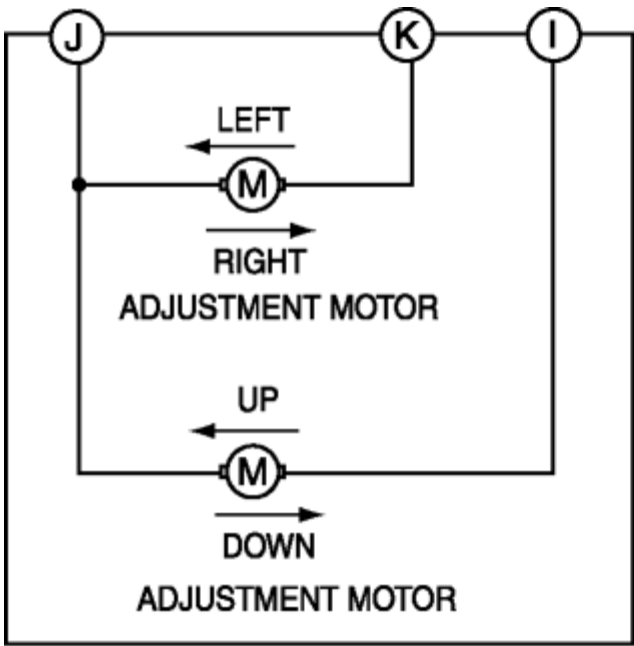
- Verify that the mirror side of the outer mirror glass changes color.
6. If there is any malfunction, inspect the outer mirror glass. (See [OUTER MIRROR GLASS INSPECTION.](#))
- If there is no malfunction in the outer mirror glass, replace the power outer mirror. (See [POWER OUTER MIRROR REMOVAL/ INSTALLATION.](#))

2012 - Mazda6 - Body and Accessories

POWER OUTER MIRROR INSPECTION

Mirror Glass Adjustment Motor

- 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 outer mirror connector.
- 5. Apply battery positive voltage and connect the ground to the power outer mirror connector terminals and inspect the power outer mirror operation.



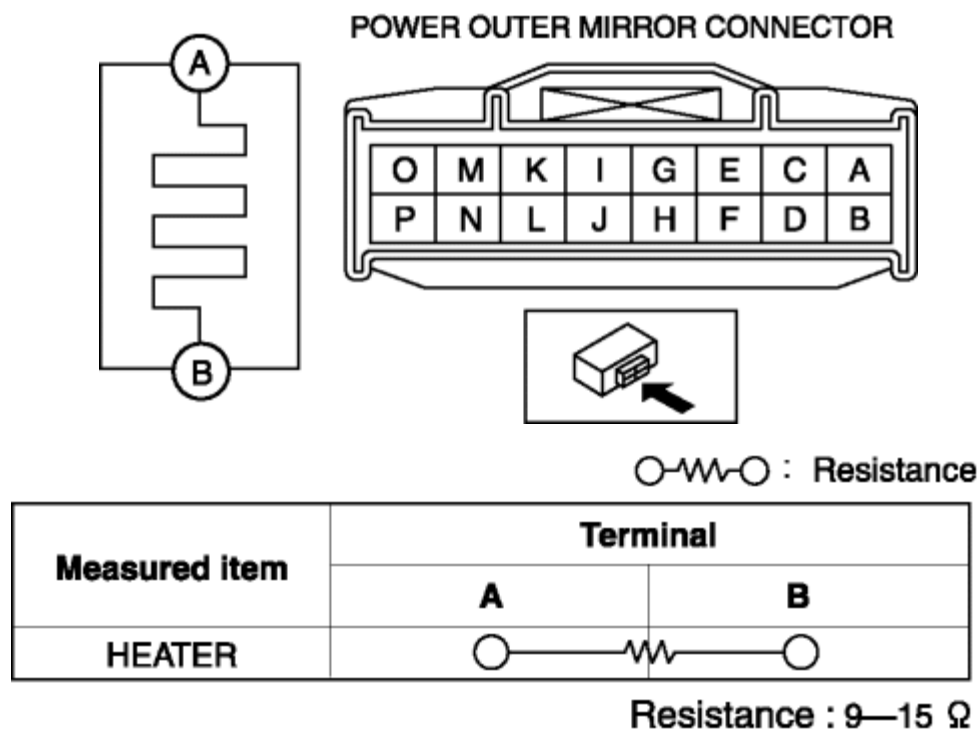
Mirror operation direction	Terminal	
	B+	Ground
Up	I	J
Down	J	I

Left	K	J
Right	J	K

- If the power outer mirror does not operate as indicated in the table, replace it.
(See [POWER OUTER MIRROR REMOVAL/ INSTALLATION](#).)

With Heated Outer Mirror

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 outer mirror connector.
5. Verify that the resistance is as indicated in the table.

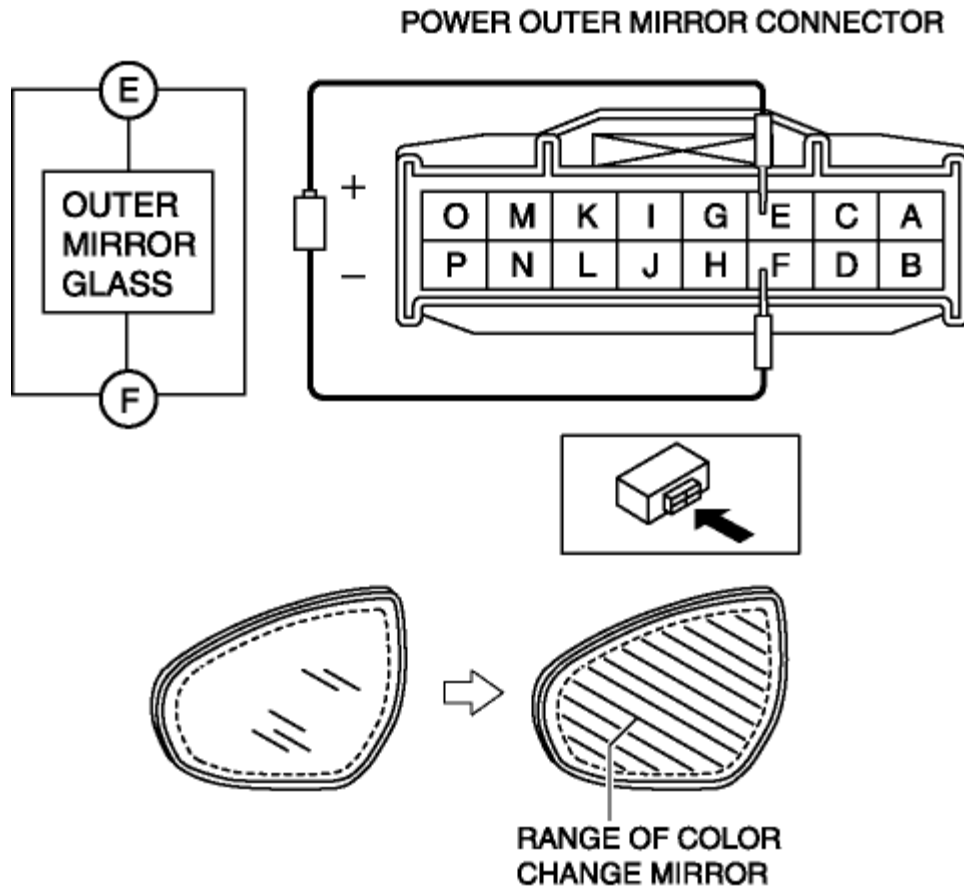


- If not as indicated in the table, inspect the outer mirror glass. (See [OUTER MIRROR GLASS INSPECTION](#).)
 - If there is no malfunction in the outer mirror glass, replace the power outer mirror. (See [POWER OUTER MIRROR REMOVAL/ INSTALLATION](#).)

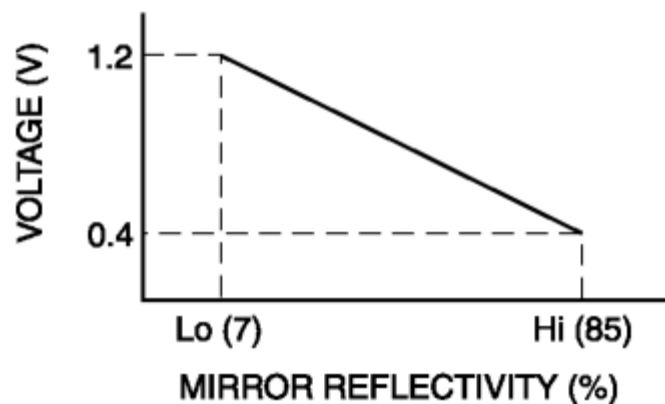
With Auto-dimming Mirror

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 outer mirror connector.
5. Connect the power outer mirror connector terminal E to a dry cell battery's plus (+) terminal (1.2 V) and terminal F to its minus terminal.



REFERENCE



- Verify that the mirror side of the outer mirror glass changes color.
6. If there is any malfunction, inspect the outer mirror glass. (See [OUTER MIRROR GLASS INSPECTION.](#))
- If there is no malfunction in the outer mirror glass, replace the power outer mirror. (See [POWER OUTER MIRROR REMOVAL/ INSTALLATION.](#))

