
SYSTEM DESCRIPTION

The outer mirror switch controls the outer rear view mirror LH and RH.

PROBLEM SYMPTOMS TABLE

HINT:
Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Power mirror control system

Symptom	Suspected area	See page
Mirror does not operate	1. ACC fuse	MI-1
	2. Outer mirror switch	MI-13
	3. Outer rear view mirror	MI-10
	4. Wire harness	-
Mirror operates abnormally	1. Outer mirror switch	MI-13
	2. Outer rear view mirror	MI-10
	3. Wire harness	-

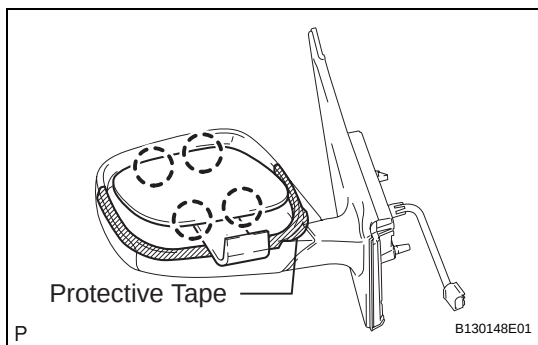
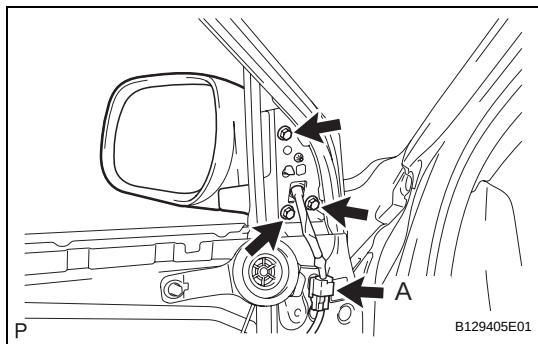
REMOVAL

HINT:

- Use the same procedures for the LH side and RH side.
- The procedures listed below are for the LH side.

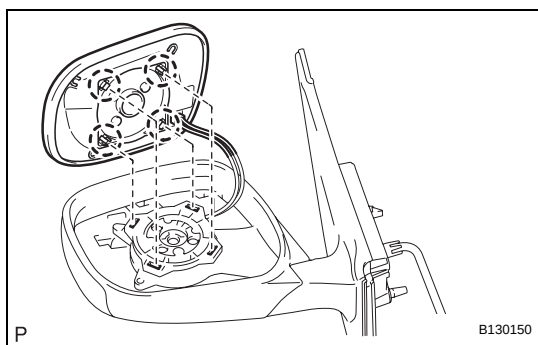
1. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH (See page [ED-19](#))
2. REMOVE FRONT ARMREST UPPER BASE PANEL LH (See page [ED-19](#))
3. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH (See page [ED-20](#))
4. REMOVE OUTER REAR VIEW MIRROR ASSEMBLY LH

- (a) Disconnect the mirror connector labeled A.
- (b) Remove the 3 screws.
- (c) Remove the outer rear view mirror.

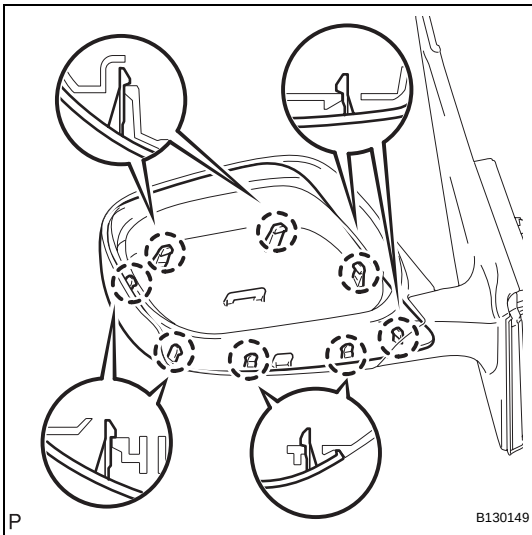


5. REMOVE OUTER MIRROR COVER LH (w/ Mirror Heater)

- (a) Using a moulding remover, detach the 4 claws.
HINT:
Apply protective tape to the mirror body.



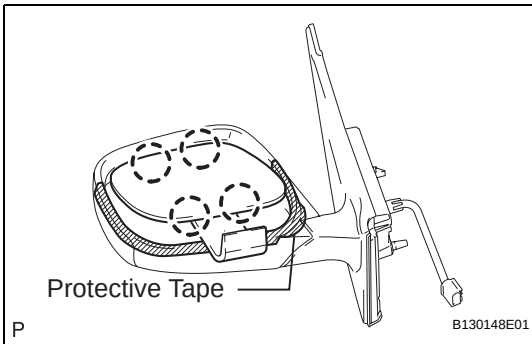
- (b) Remove the 2 connectors and disconnect the mirror.



- (c) Using a screwdriver, detach the 8 claws and remove the mirror cover.

HINT:

Tape the screwdriver tip before use.

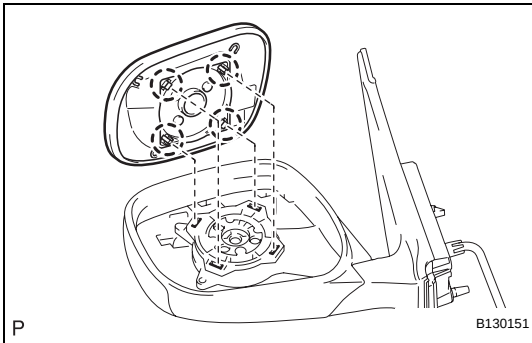


6. REMOVE OUTER MIRROR COVER LH (w/o Mirror Heater)

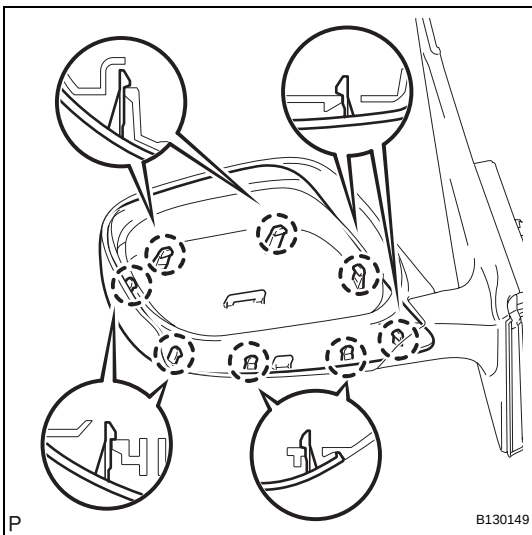
- (a) Using a moulding remover, detach the 4 claws.

HINT:

Apply protective tape to the mirror body.



- (b) Disconnect the mirror.

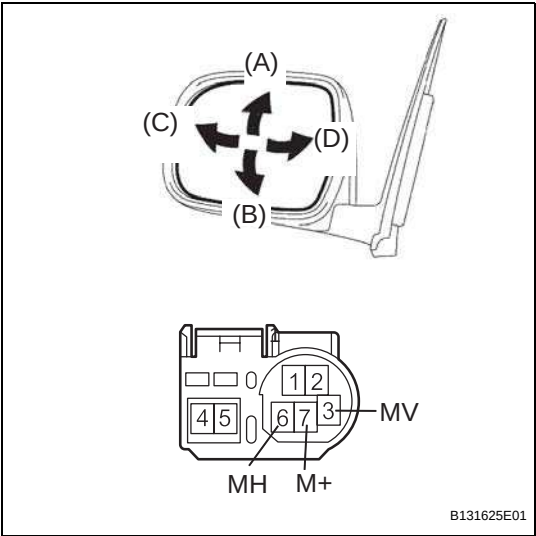


- (c) Using a screwdriver, detach the 8 claws and remove the mirror cover.

HINT:

Tape the screwdriver tip before use.

MI



INSPECTION

1. INSPECT OUTER REAR VIEW MIRROR ASSEMBLY LH

- (a) Disconnect the mirror connector.
- (b) Apply battery voltage and check the operation of the mirror.

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 3 (MV) Battery negative (-) → Terminal 7 (M+)	Turns upward (A)
Battery positive (+) → Terminal 7 (M+) Battery negative (-) → Terminal 3 (MV)	Turns downward (B)
Battery positive (+) → Terminal 6 (MH) Battery negative (-) → Terminal 7 (M+)	Turns left (C)
Battery positive (+) → Terminal 7 (M+) Battery negative (-) → Terminal 6 (MH)	Turns right (D)

If the result is not as specified, replace the mirror assembly.

- (c) w/ Mirror Heater:
Check the resistance.
- (1) Measure the resistance between the terminals.

Standard resistance

Tester connection	Condition	Specified Condition
4 (H-) - 5 (H+)	65°C (149°F)	4 to 12 Ω

If the result is not as specified, replace the outer rear view mirror.

- (2) Connect the cable from the negative battery (-) terminal to terminal 5 and the positive battery (+) terminal to terminal 4, then check that the mirror becomes warm.

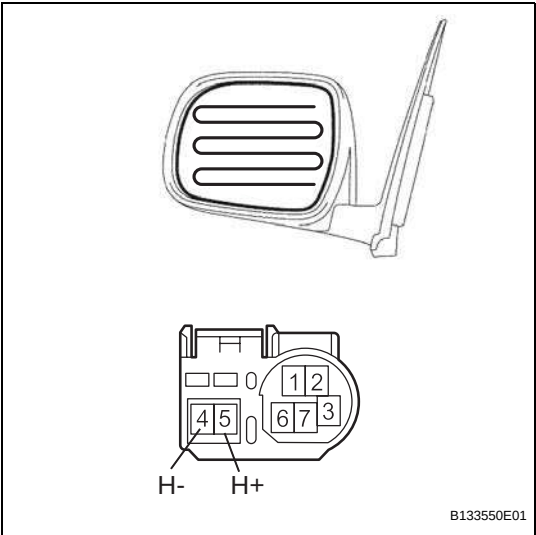
OK:

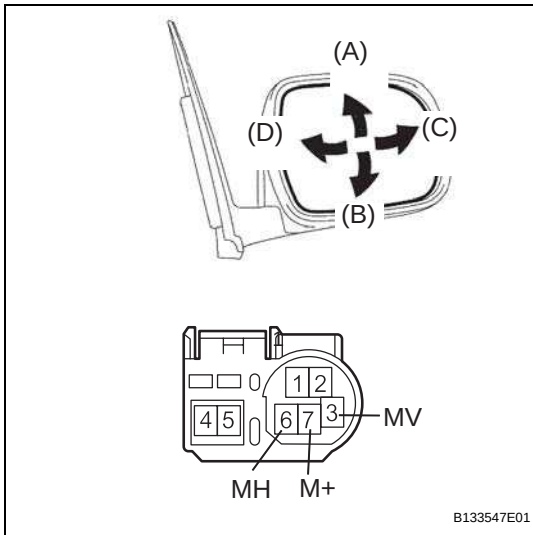
Mirror becomes warm.

HINT:

It takes a short time for the mirror to become warm.

If the result is not as specified, replace the outer rear view mirror.





2. INSPECT OUTER REAR VIEW MIRROR ASSEMBLY RH

- Disconnect the mirror connector.
- Apply battery voltage and check the operation of the mirror.

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 3 (MV) Battery negative (-) → Terminal 7 (M+)	Turns upward (A)
Battery positive (+) → Terminal 7 (M+) Battery negative (-) → Terminal 3 (MV)	Turns downward (B)
Battery positive (+) → Terminal 6 (MH) Battery negative (-) → Terminal 7 (M+)	Turns left (D)
Battery positive (+) → Terminal 7 (M+) Battery negative (-) → Terminal 6 (MH)	Turns right (C)

If the result is not as specified, replace the mirror assembly.

- w/ Mirror Heater:

Check the resistance.

- Measure the resistance between the terminals.

Standard resistance

Tester connection	Condition	Specified Condition
4 (H-) - 5 (H+)	65°C (149°F)	4 to 12 Ω

If the result is not as specified, replace the outer rear view mirror.

- Connect the cable from the negative battery (-) terminal to terminal 5 and the positive battery (+) terminal to terminal 4, then check that the mirror becomes warm.

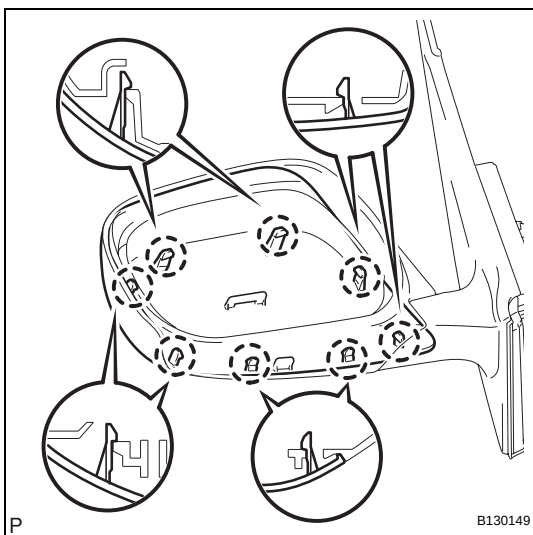
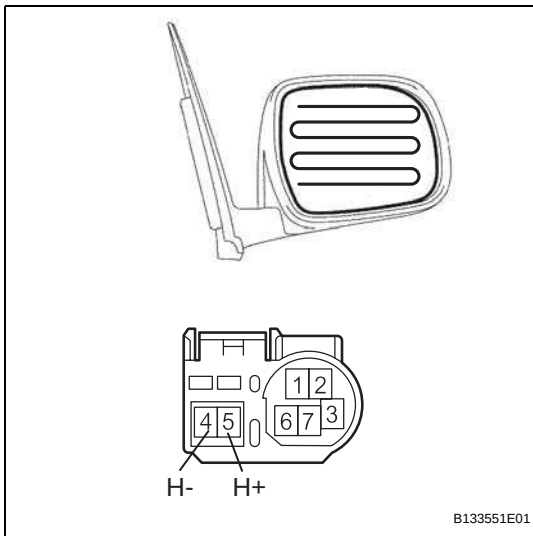
OK:

Mirror becomes warm.

HINT:

It takes a short time for the mirror to become warm.

If the result is not as specified, replace the outer rear view mirror.



INSTALLATION

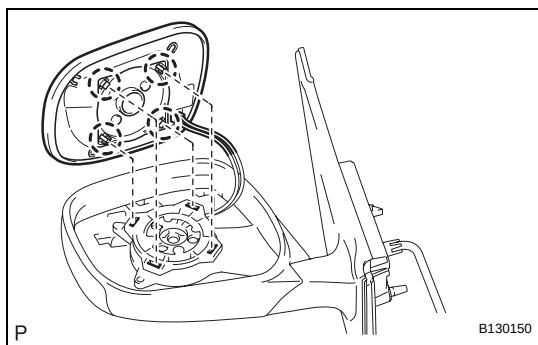
1. INSTALL OUTER MIRROR COVER LH

- Attach the 8 claws and install the mirror cover.
- After installing the outer mirror cover, check that there is no gap between the cover and mirror body.

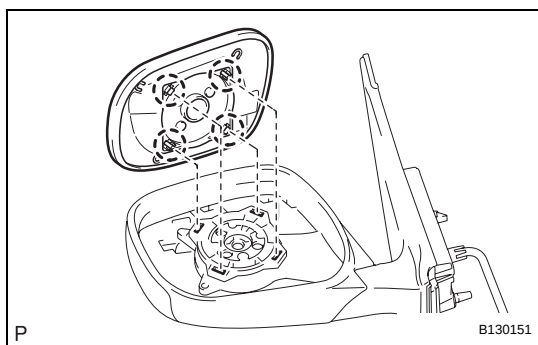
HINT:

If there is a gap between the cover and body, noise will occur during driving.

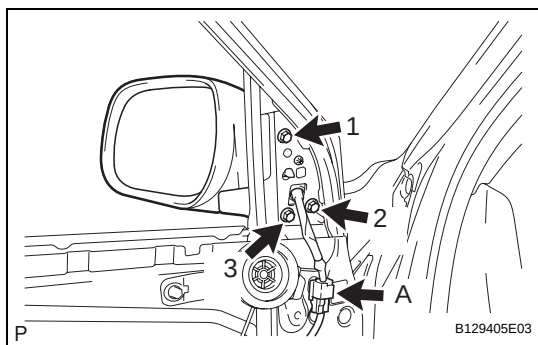
MI



- (c) w/ Mirror Heater:
Connect the 2 connectors. Attach the 4 claws to install the mirror.



- (d) w/o Mirror Heater:
Attach the 4 claws to install the mirror.



2. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY LH

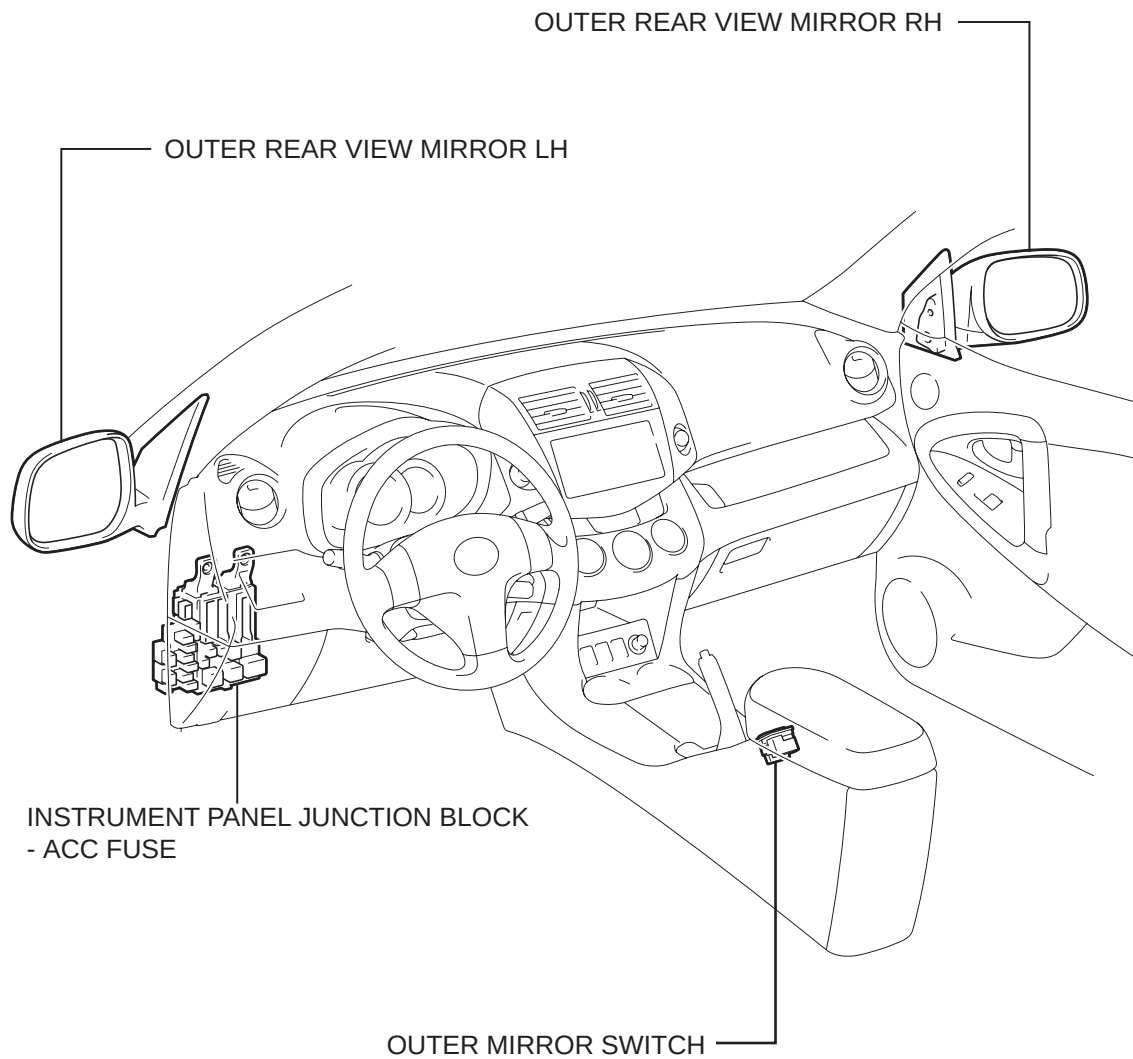
- Pass the connector labeled A and wire harness of the mirror through the wire harness hole.
- Temporarily install the mirror by inserting the bosses on the mirror into the holes on the vehicle.
- Tighten the 3 screws in the sequence shown in the illustration and Install the mirror.
Torque: 9.0 N*m (92 kgf*cm, 80 in.*lbf)
- Connect the connector labeled A.

3. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH (See page [ED-33](#))

4. INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH LH (See page [ED-35](#))

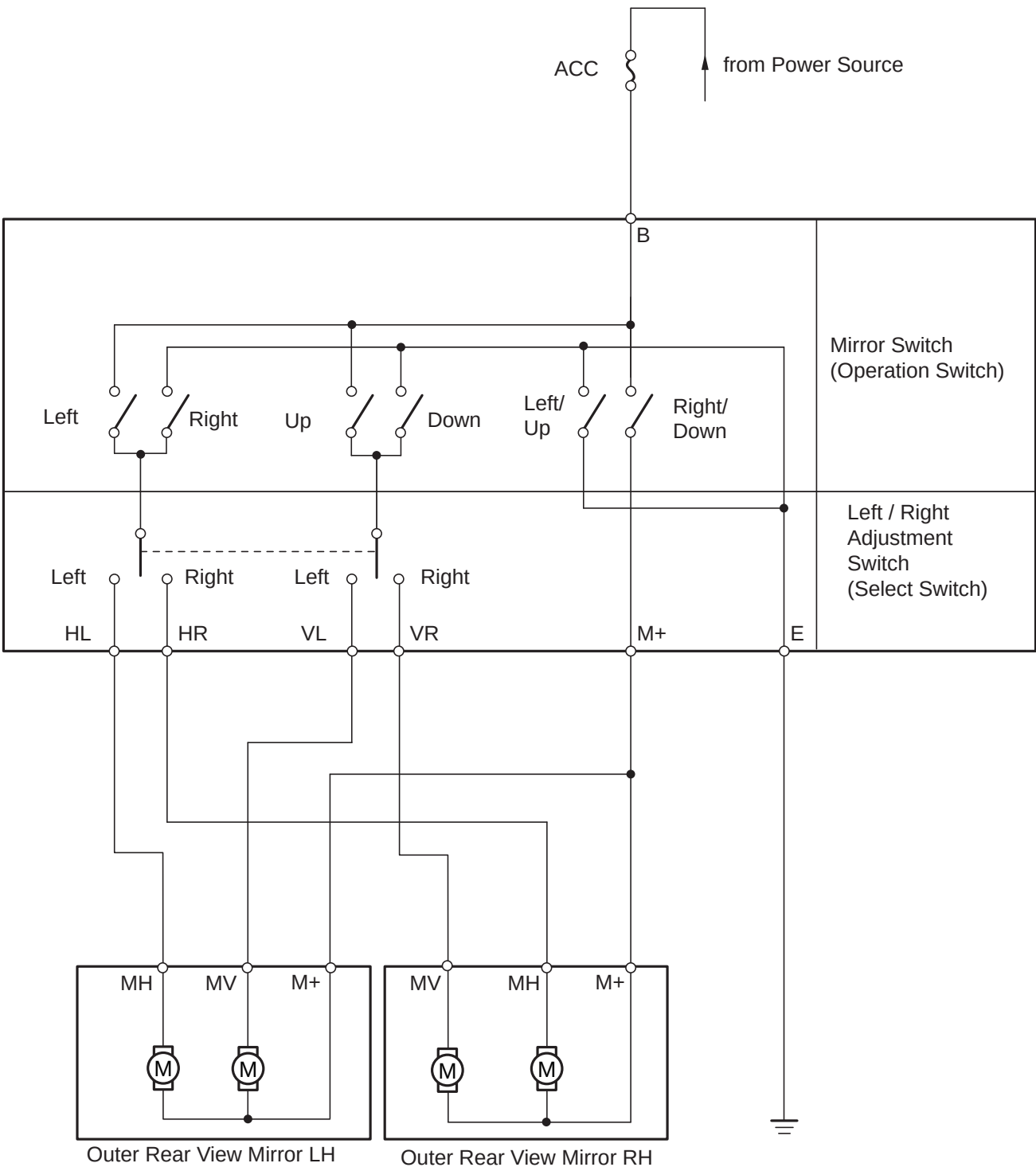
POWER MIRROR CONTROL SYSTEM

PARTS LOCATION



SYSTEM DIAGRAM

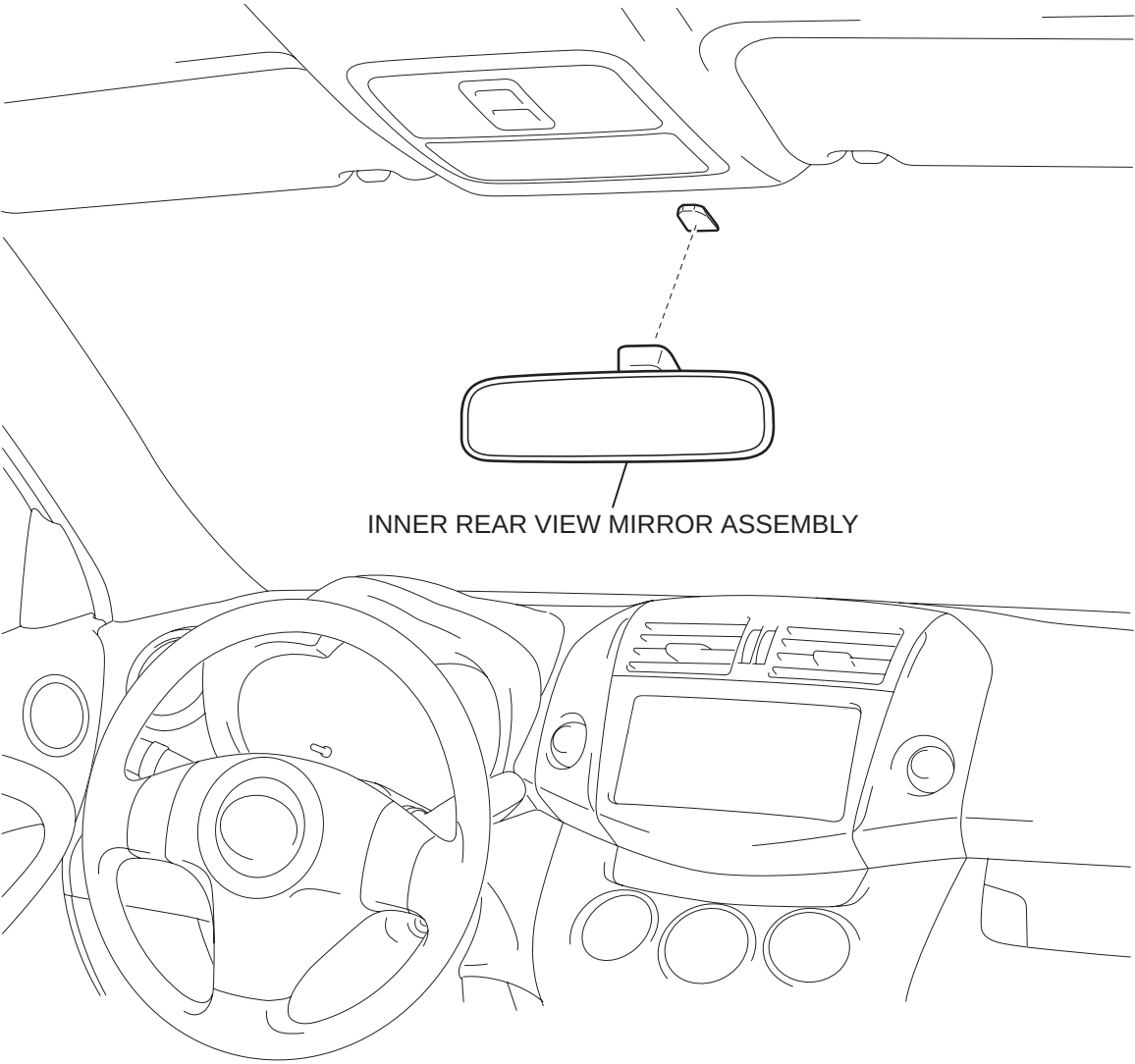
MI



INNER REAR VIEW MIRROR

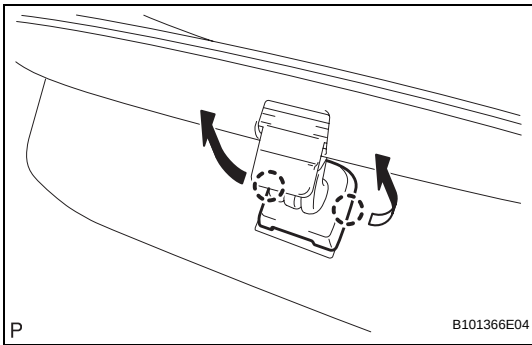
COMPONENTS

MI

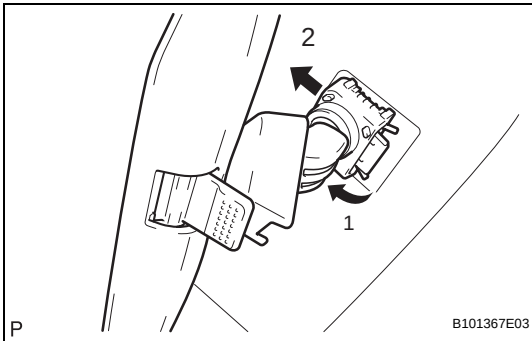


REMOVAL

1. **REMOVE INNER REAR VIEW MIRROR ASSEMBLY**
 - (a) Disengage the 2 claws and separate the inner rear view mirror cover as shown in the illustration.

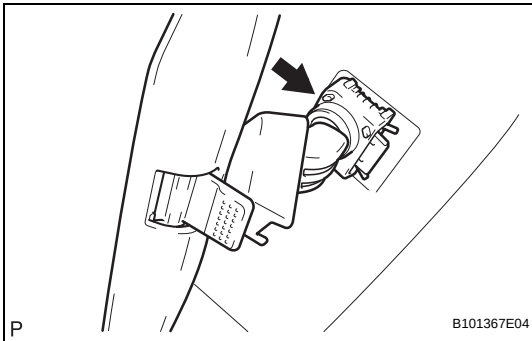


- (b) Remove the inner rear view mirror as shown in the illustration.



INSTALLATION

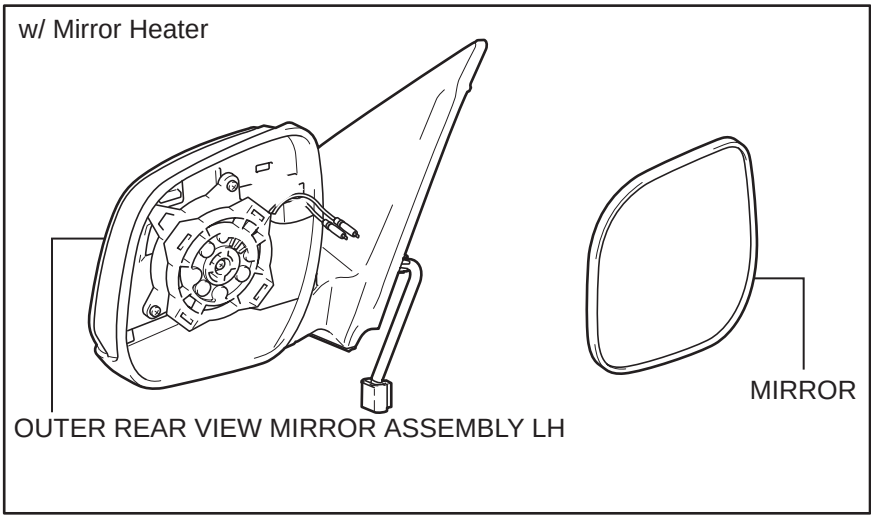
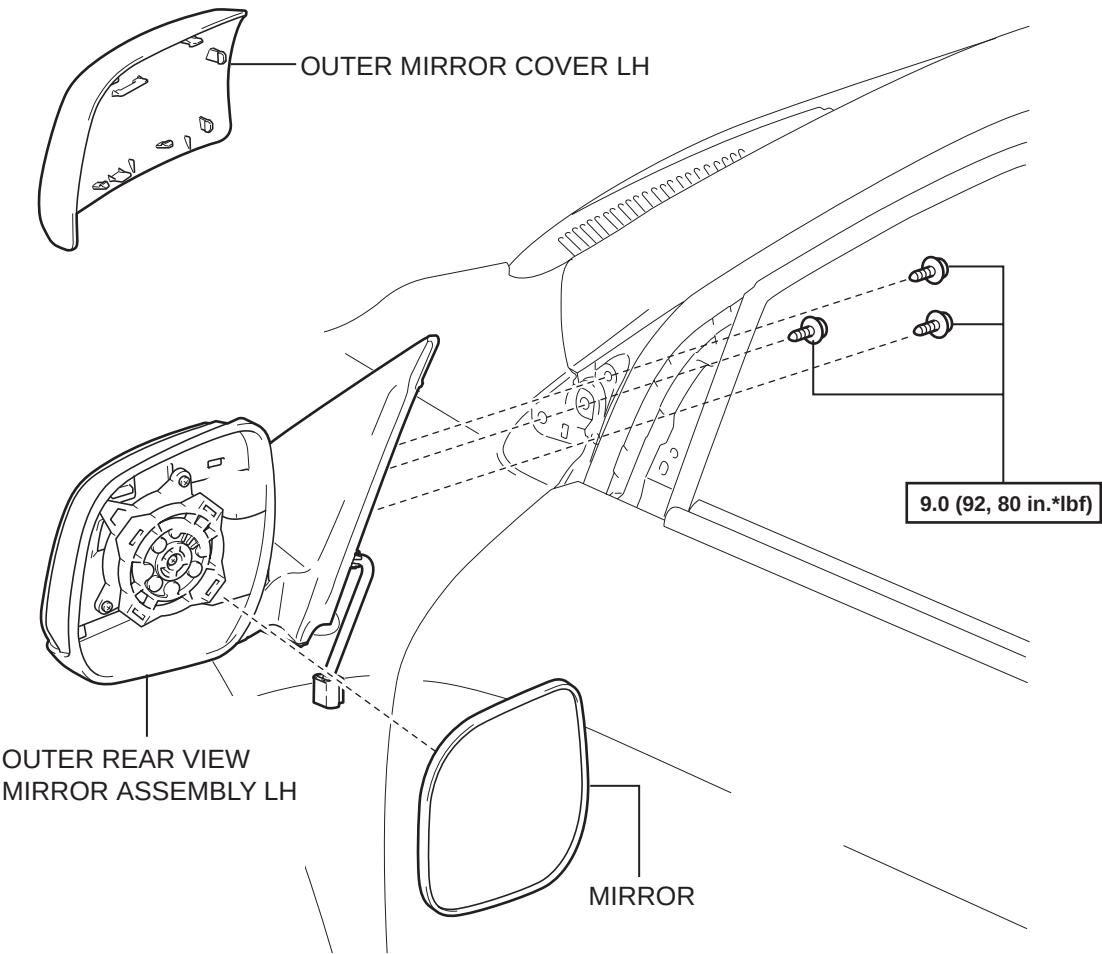
1. **INSTALL INNER REAR VIEW MIRROR ASSEMBLY**
 - (a) Install the inner rear view mirror as shown in the illustration.
 - (b) Install the cover.



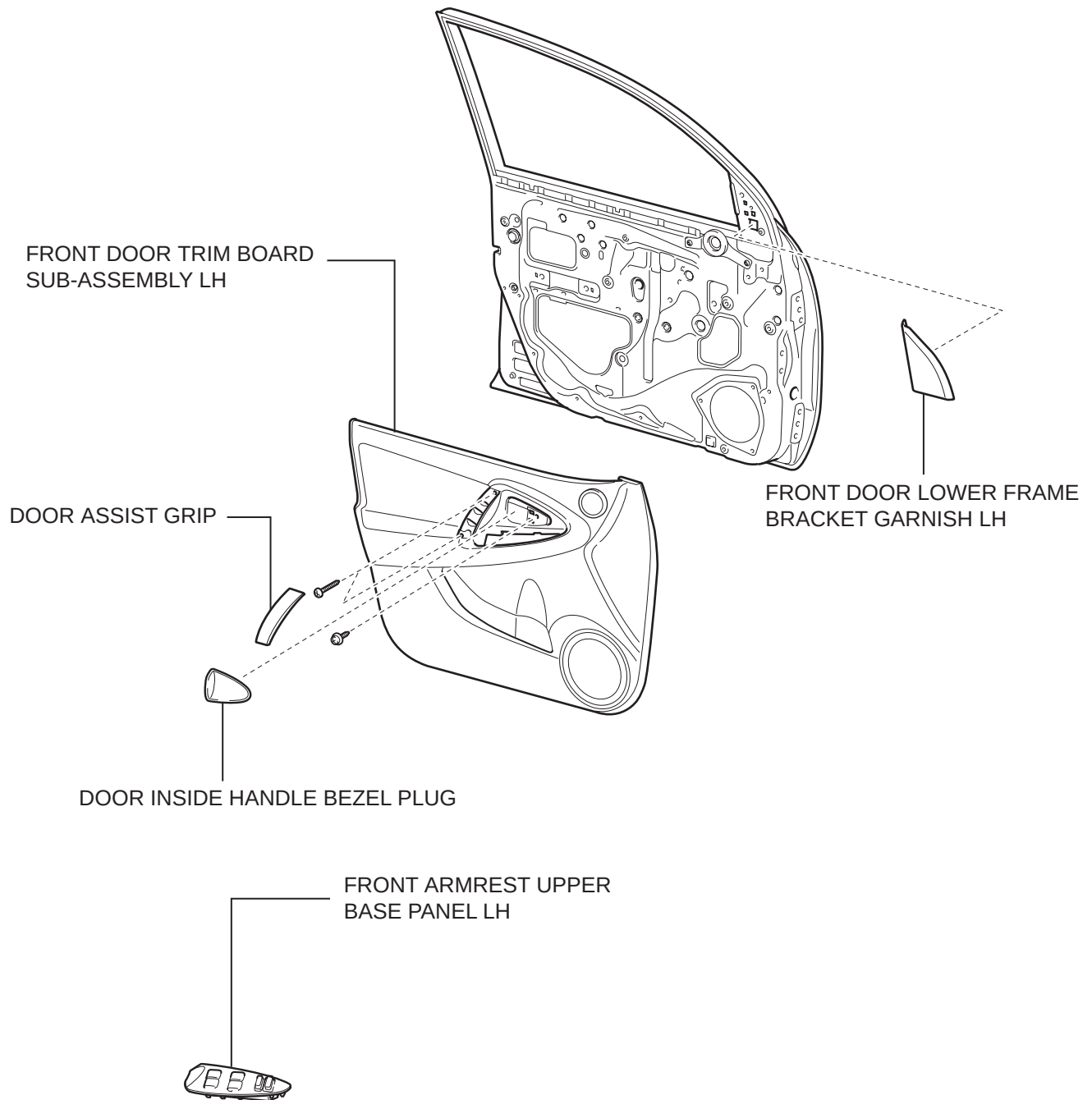
OUTER REAR VIEW MIRROR

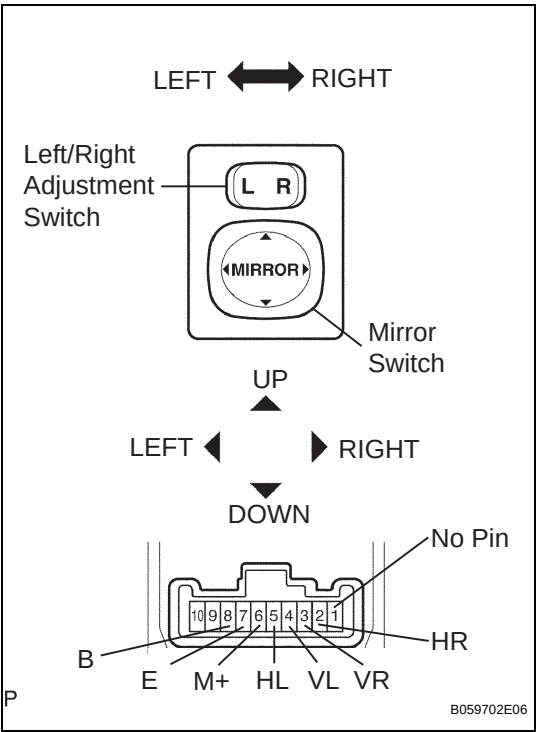
COMPONENTS

MI



N*m (kgf*cm, ft.*lbf) : Specified torque





OUTER MIRROR SWITCH

INSPECTION

1. **INSPECT OUTER MIRROR SWITCH ASSEMBLY**
(a) The L position of the left/right adjustment switch:
Measure the resistance of the mirror switch.
Standard resistance (for left side)

Tester Connection	Switch Condition	Specified Condition
4 (VL) - 8 (B) 6 (M+) - 7 (E)	UP	Below 1 Ω
	OFF	10 kΩ or higher
4 (VL) - 7 (E) 6 (M+) - 8 (B)	DOWN	Below 1 Ω
	OFF	10 kΩ or higher
5 (HL) - 8 (B) 6 (M+) - 7 (E)	LEFT	Below 1 Ω
	OFF	10 kΩ or higher
5 (HL) - 7 (E) 6 (M+) - 8 (B)	RIGHT	Below 1 Ω
	OFF	10 kΩ or higher

If the result is not as specified, replace the switch assembly.

- (b) The R position of the left/right adjustment switch:
Measure the resistance of the mirror switch.
Standard resistance (for right side)

Tester Connection	Switch Condition	Specified Condition
3 (VR) - 8 (B) 6 (M+) - 7 (E)	UP	Below 1 Ω
	OFF	10 kΩ or higher
3 (VR) - 7 (E) 6 (M+) - 8 (B)	DOWN	Below 1 Ω
	OFF	10 kΩ or higher
2 (HR) - 8 (B) 6 (M+) - 7 (E)	LEFT	Below 1 Ω
	OFF	10 kΩ or higher
2 (HR) - 7 (E) 6 (M+) - 8 (B)	RIGHT	Below 1 Ω
	OFF	10 kΩ or higher

If the result is not as specified, replace the switch assembly.