

POWER MIRROR CONTROL
SYSTEM

PRECAUTION

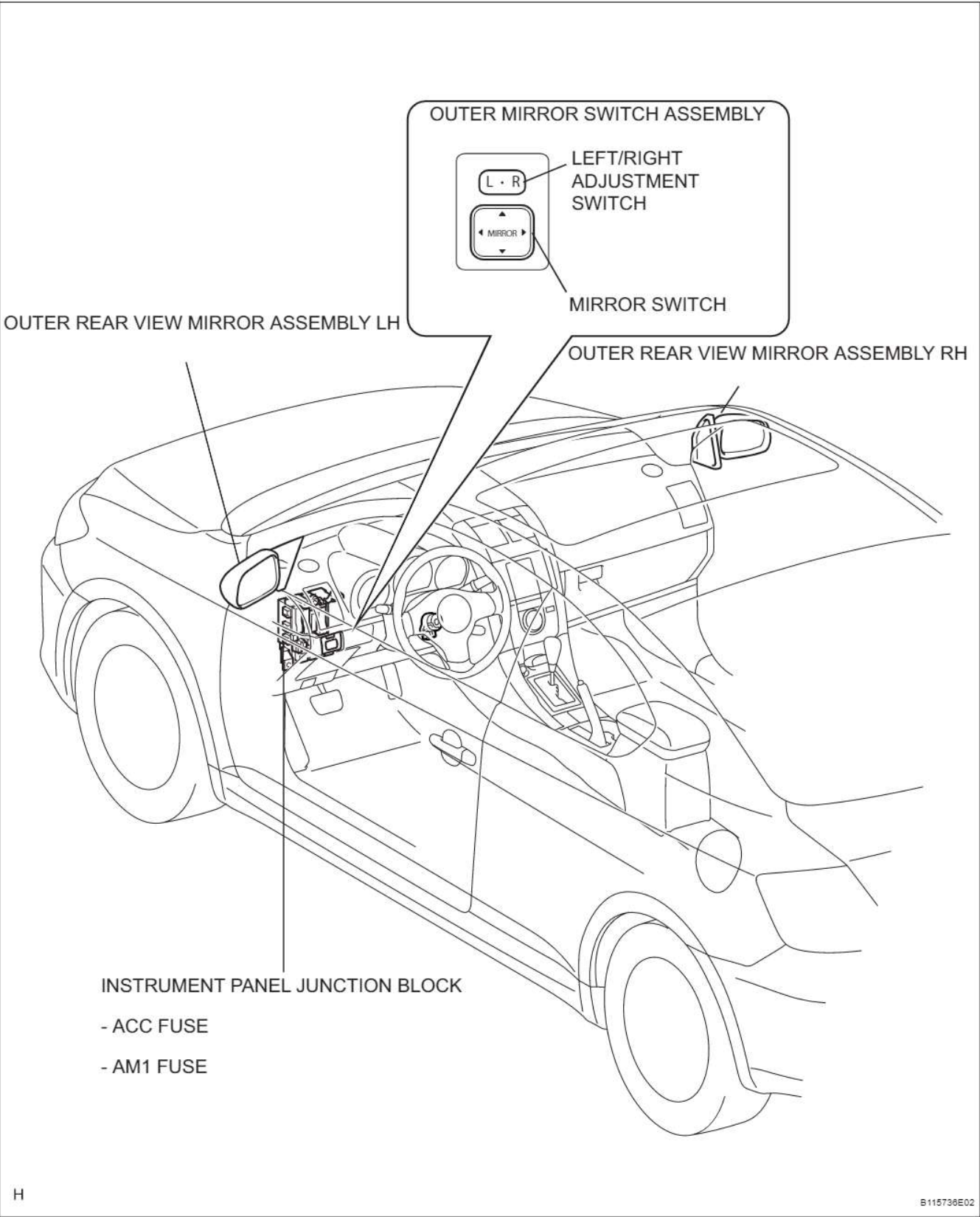
NOTICE:
When disconnecting the cable from the negative (-) battery terminal, initialize the following system(s) after the cable is reconnected.

System Name	See Page
Power window control system (with Jam Protection Function)	IN-23
Sliding Roof System	

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MIRROR – POWER MIRROR CONTROL SYSTEM

PARTS LOCATION



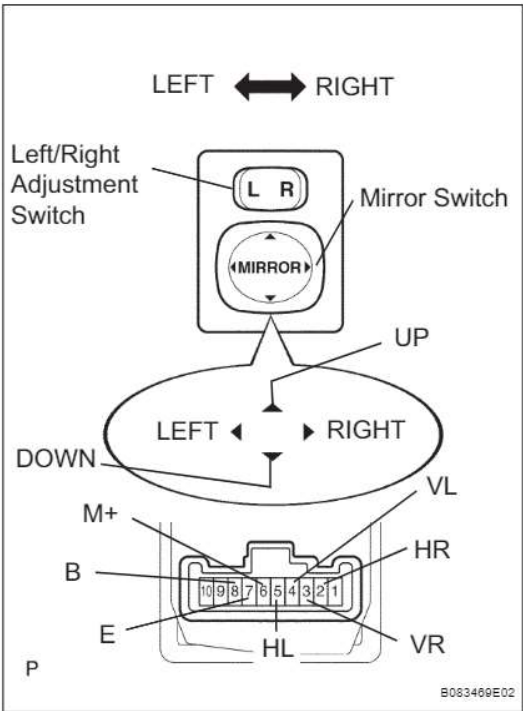
MIRROR – POWER MIRROR CONTROL SYSTEM

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PROBLEM SYMPTOMS TABLE

Power mirror control system

Symptom	Suspected Area	See page
Mirror does not operate	1. AM1 fuse	MI-2
	2. ACC fuse	MI-2
	3. Outer mirror switch assembly	MI-3
	4. Outer rear view mirror assembly	MI-3
	5. Wire harness	-
Mirror operates abnormally	1. Outer mirror switch assembly	MI-3
	2. Outer rear view mirror assembly	MI-3
	3. Wire harness	-



INSPECTION

1. INSPECT OUTER MIRROR SWITCH ASSEMBLY

- (a) Select L on the left/right adjustment switch:
Measure the resistance of the switch.

Standard resistance

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

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

- (b) Select R on the left/right adjustment switch:
Measure the resistance of the switch.

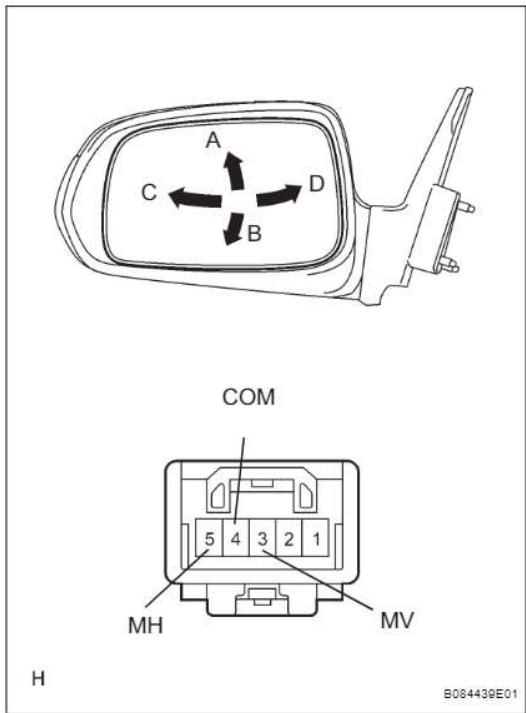
Standard resistance

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

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

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MIRROR – POWER MIRROR CONTROL SYSTEM



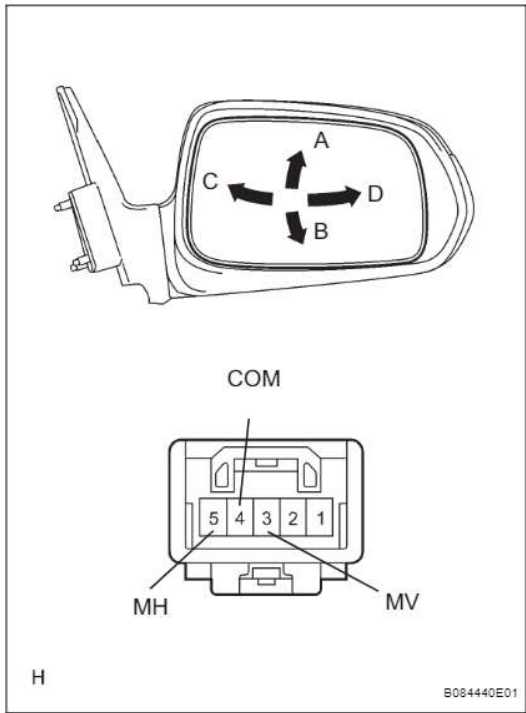
2. INSPECT OUTER REAR VIEW MIRROR ASSEMBLY
LH

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

OK

Measurement Condition	Mirror Condition
Battery positive (+) → 3 (MV) Battery negative (-) → 4 (COM)	Turns upward (A)
Battery positive (+) → 4 (COM) Battery negative (-) → 3 (MV)	Turns downward (B)
Battery positive (+) → 5 (MH) Battery negative (-) → 4 (COM)	Turns left (C)
Battery positive (+) → 4 (COM) Battery negative (-) → 5 (MH)	Turns right (D)

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



3. INSPECT OUTER REAR VIEW MIRROR ASSEMBLY
RH

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

OK

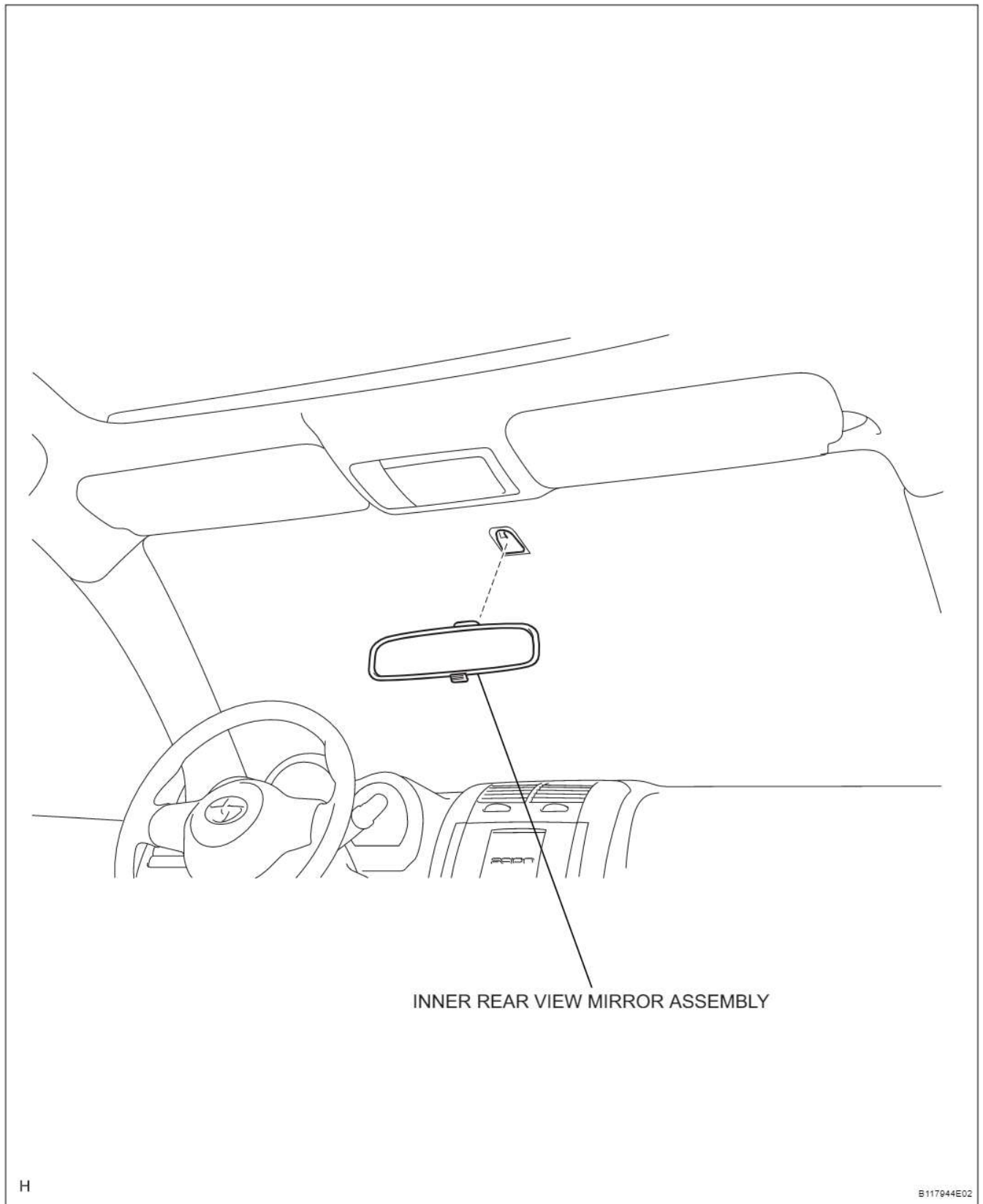
Measurement Condition	Mirror Condition
Battery positive (+) → 3 (MV) Battery negative (-) → 4 (COM)	Turns upward (A)
Battery positive (+) → 4 (COM) Battery negative (-) → 3 (MV)	Turns downward (B)
Battery positive (+) → 5 (MH) Battery negative (-) → 4 (COM)	Turns left (C)
Battery positive (+) → 4 (COM) Battery negative (-) → 5 (MH)	Turns right (D)

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

MIRROR – INNER REAR VIEW MIRROR**MI-5**

INNER REAR VIEW MIRROR

COMPONENTS

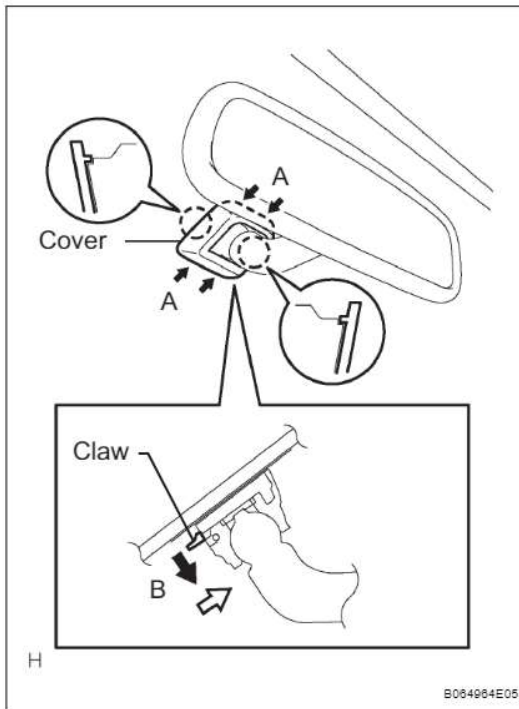
**MI**

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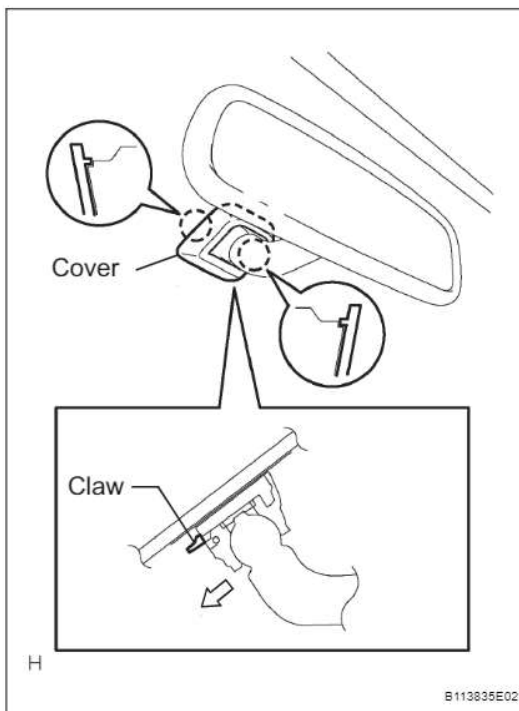
MIRROR – INNER REAR VIEW MIRROR

REMOVAL**1. REMOVE INNER REAR VIEW MIRROR ASSEMBLY**

- Push the cover in the direction indicated by the arrows labeled A and remove it.
- While holding down the claw in the direction of the black arrow labeled B, slide the mirror in the direction of the white arrow and remove it.

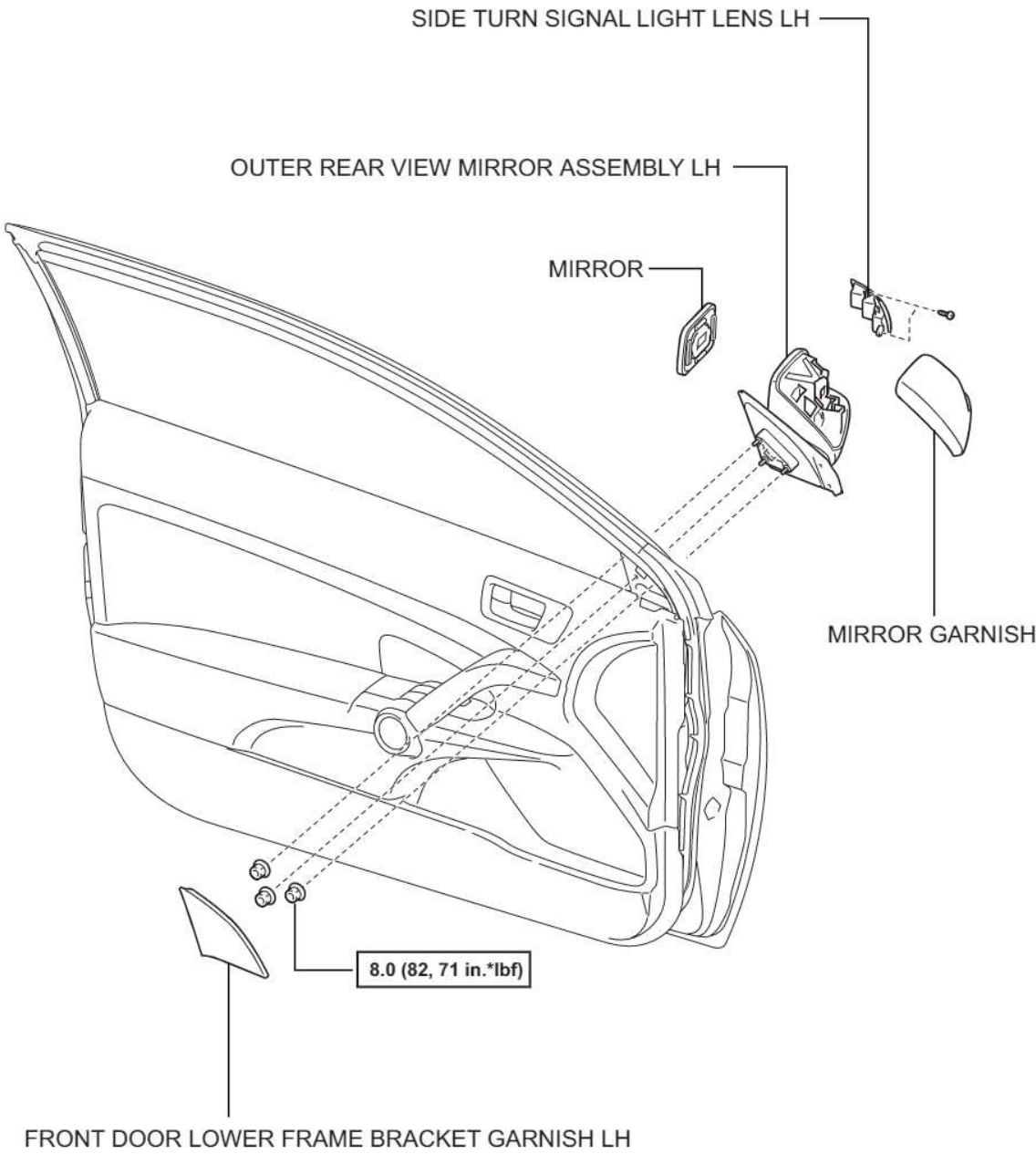
**INSTALLATION****1. INSTALL INNER REAR VIEW MIRROR ASSEMBLY**

- Install the mirror in the direction of the white arrow.
- Install the cover as shown in the illustration.



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OUTER REAR VIEW MIRROR
COMPONENTS



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

MI

H

B119248E02

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MIRROR – OUTER REAR VIEW MIRROR

REMOVAL**HINT:**

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

CAUTION:

If the mirror shatters during disassembly, flying debris may cause injuries. Be sure to wear protective clothing, gloves, glasses, etc. when performing these procedures.

NOTICE:

When replacing the mirror body, prevent damage to the mirror body by placing a protective cloth on the work area.

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

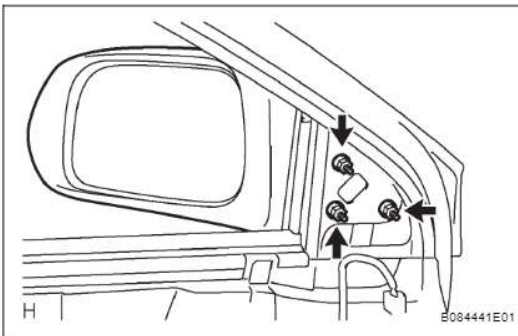
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH**

3. **REMOVE OUTER REAR VIEW MIRROR ASSEMBLY LH**

(a) Disconnect the connector.

(b) Remove the 3 nuts and mirror.



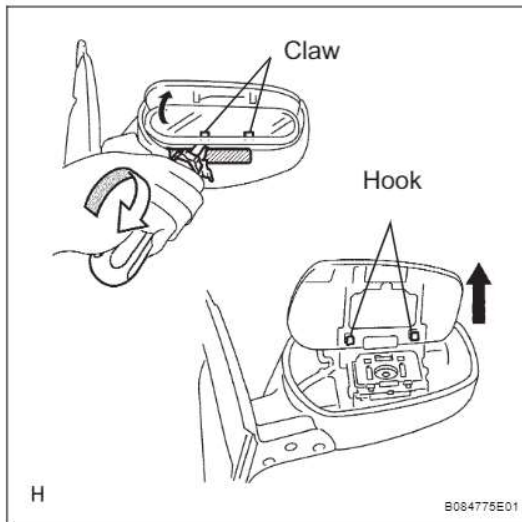
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MIRROR – OUTER REAR VIEW MIRROR**MI-9****DISASSEMBLY****CAUTION:**

If the mirror shatters during removal, flying debris may cause injuries. Be sure to wear protective clothing, gloves, glasses, etc. when performing these procedures.

NOTICE:

When replacing the mirror body, prevent damage to the mirror body by placing a protective cloth on the work area.

**1. DISCONNECT MIRROR**

- (a) Face the mirror holder upward and look at the bottom of the mirror. Find the 2 grooves between the mirror holder and holder base. Insert a screwdriver into a groove and twist it to release the claw. Then repeat for the other groove.

HINT:

Tape the screwdriver tip before use.

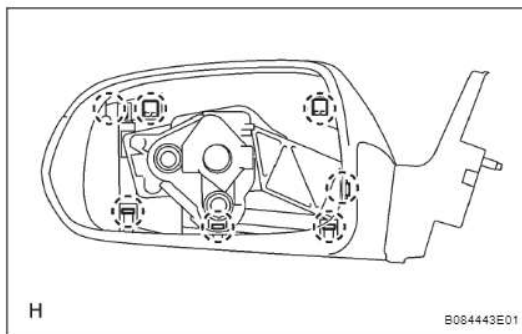
CAUTION:

To prevent the mirror from shattering and causing flying debris, apply tape to the front of the mirror.

NOTICE:

To prevent damage to the vehicle, apply protective tape on the mirror holder base near the lower edge of the mirror. A piece of cloth can also be used.

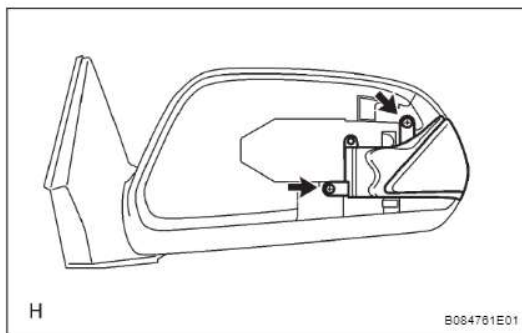
- (b) Lift up the lower part of the mirror holder and then release the 2 hooks on the top of the mirror.
(c) Remove the mirror holder.

MI**2. REMOVE MIRROR GARNISH**

- (a) Detach the 7 claws.
(b) Remove the garnish.

3. REMOVE SIDE TURN SIGNAL LIGHT LENS LH

- (a) Disconnect the connector.



- (b) Remove the 2 screws and lens.

MI-10

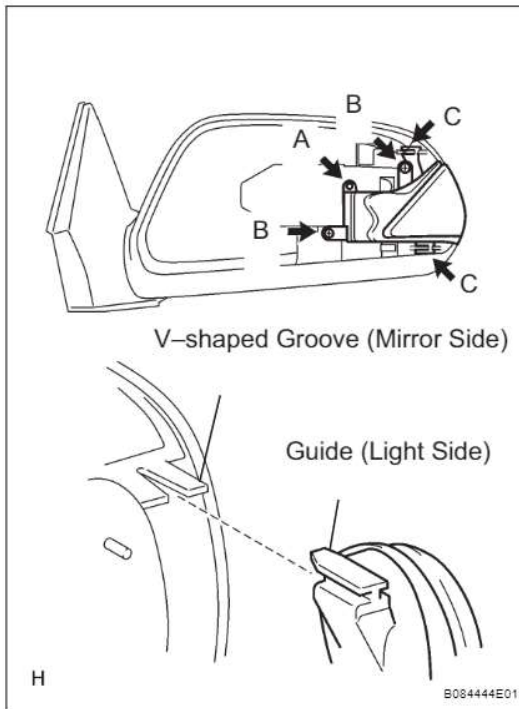
MIRROR – OUTER REAR VIEW MIRROR

REASSEMBLY

1. INSTALL SIDE TURN SIGNAL LIGHT LENS LH

- (a) First set the lens position by inserting the lens peg to the location labeled A in the illustration. Then insert the lens guide to the V-shaped groove as shown in C in the illustration.
- (b) Install the lens with the 2 screws labeled B.
- (c) Connect the connector.

2. INSTALL MIRROR GARNISH



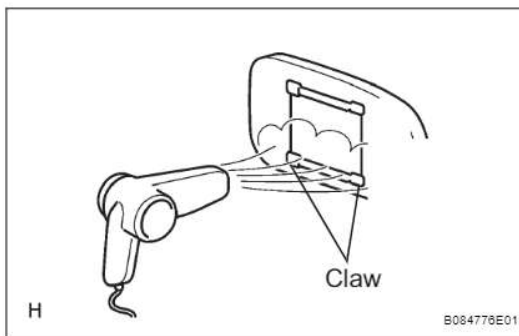
3. CONNECT MIRROR

HINT:

Before connecting the mirror holder, use a dryer to sufficiently heat the backside of the mirror holder where the claws are located.

NOTICE:

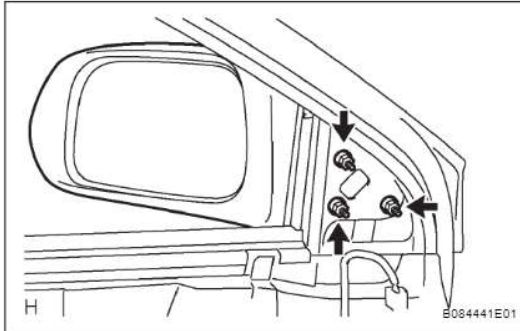
If the ambient temperature is low and the claws are not heated before installing, the claws may be broken.



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MIRROR – OUTER REAR VIEW MIRROR**MI-11****INSTALLATION****HINT:**

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

**1. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY LH**

- (a) Install the mirror with the 3 nuts.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)
- (b) Connect the connector.

2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**3. PERFORM INITIALIZATION**

- (a) Perform initialization (see page [IN-23](#)).

NOTICE:

Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

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