

GLASS/WINDOWS/MIRRORS

GW

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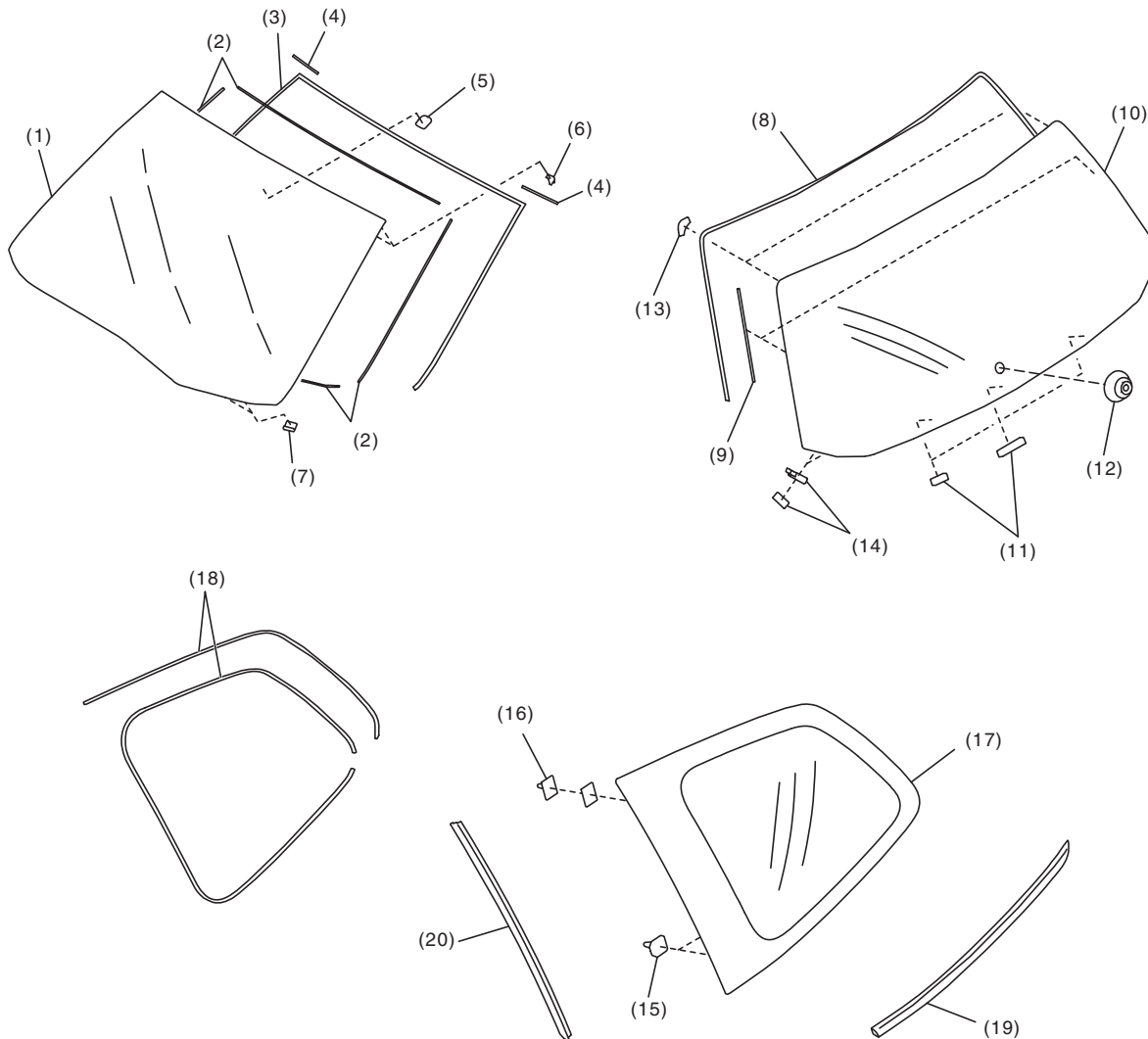
General Description

GLASS/WINDOWS/MIRRORS

1. General Description

A: COMPONENT

1. FIXED GLASS



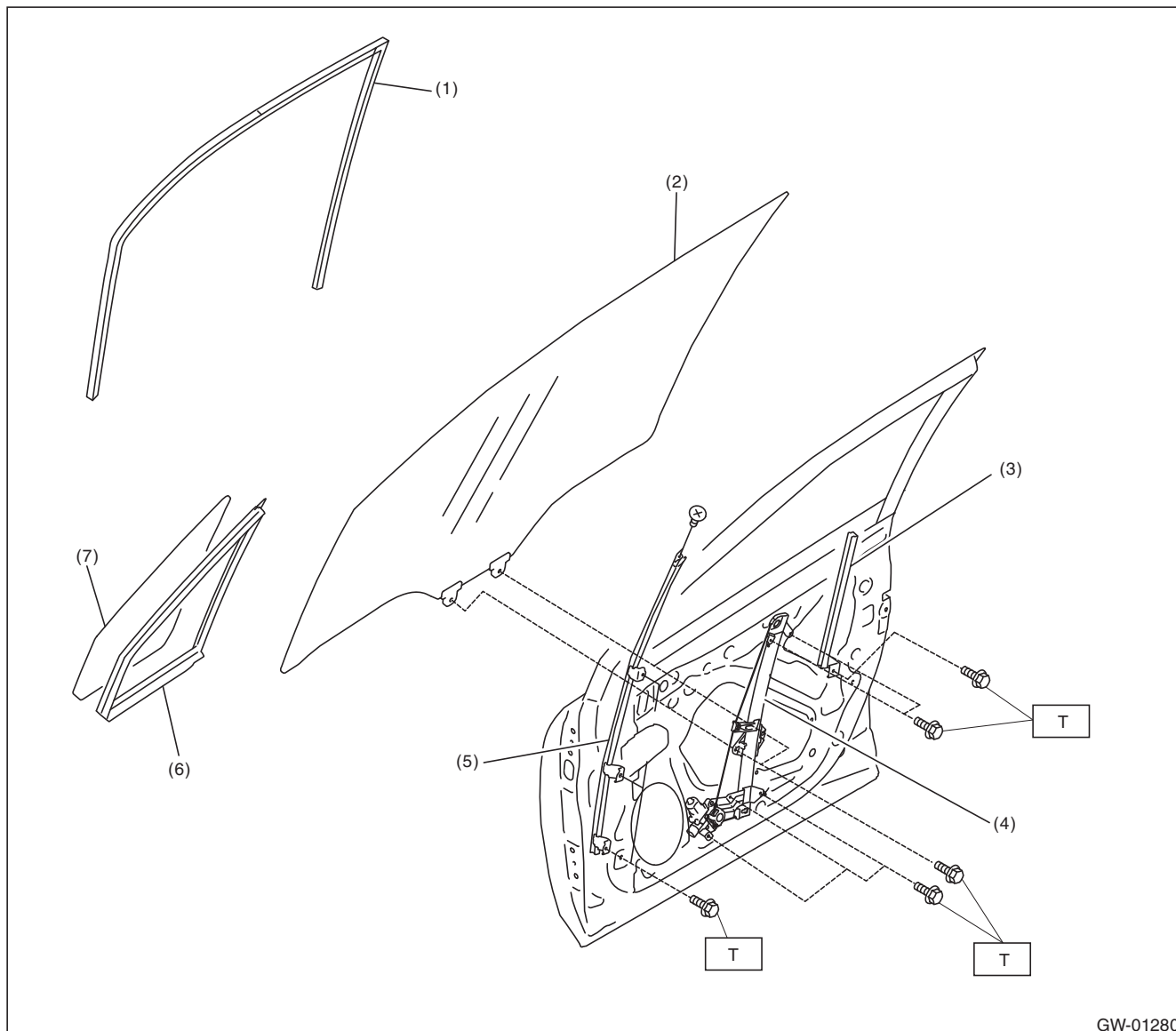
GW-01319

- | | | |
|---------------------------------|-------------------------------|----------------------------------|
| (1) Glass - front window | (8) Rubber - rear gate | (15) Locating pin - rear quarter |
| (2) Dam rubber - front | (9) Dam rubber - rear gate | (16) Fastener - rear quarter |
| (3) Molding - front window | (10) Glass - rear gate | (17) Glass - rear quarter |
| (4) Seal - upper | (11) Spacer - rear gate | (18) Dam rubber - rear quarter |
| (5) Base - inner mirror | (12) Cap - pivot | (19) Molding - lower |
| (6) Locating pin - front window | (13) Locating pin - rear gate | (20) Molding - rear quarter |
| (7) Seal - lower | (14) Fastener - rear gate | |

General Description

GLASS/WINDOWS/MIRRORS

2. FRONT DOOR GLASS



- | | |
|------------------------------------|--|
| (1) Running channel - front door | (5) Sash COMPL - partition |
| (2) Glass ASSY - front door | (6) Weather strip - front door partition |
| (3) Sash COMPL - lower | (7) Glass - front door partition |
| (4) Regulator & motor ASSY - front | |

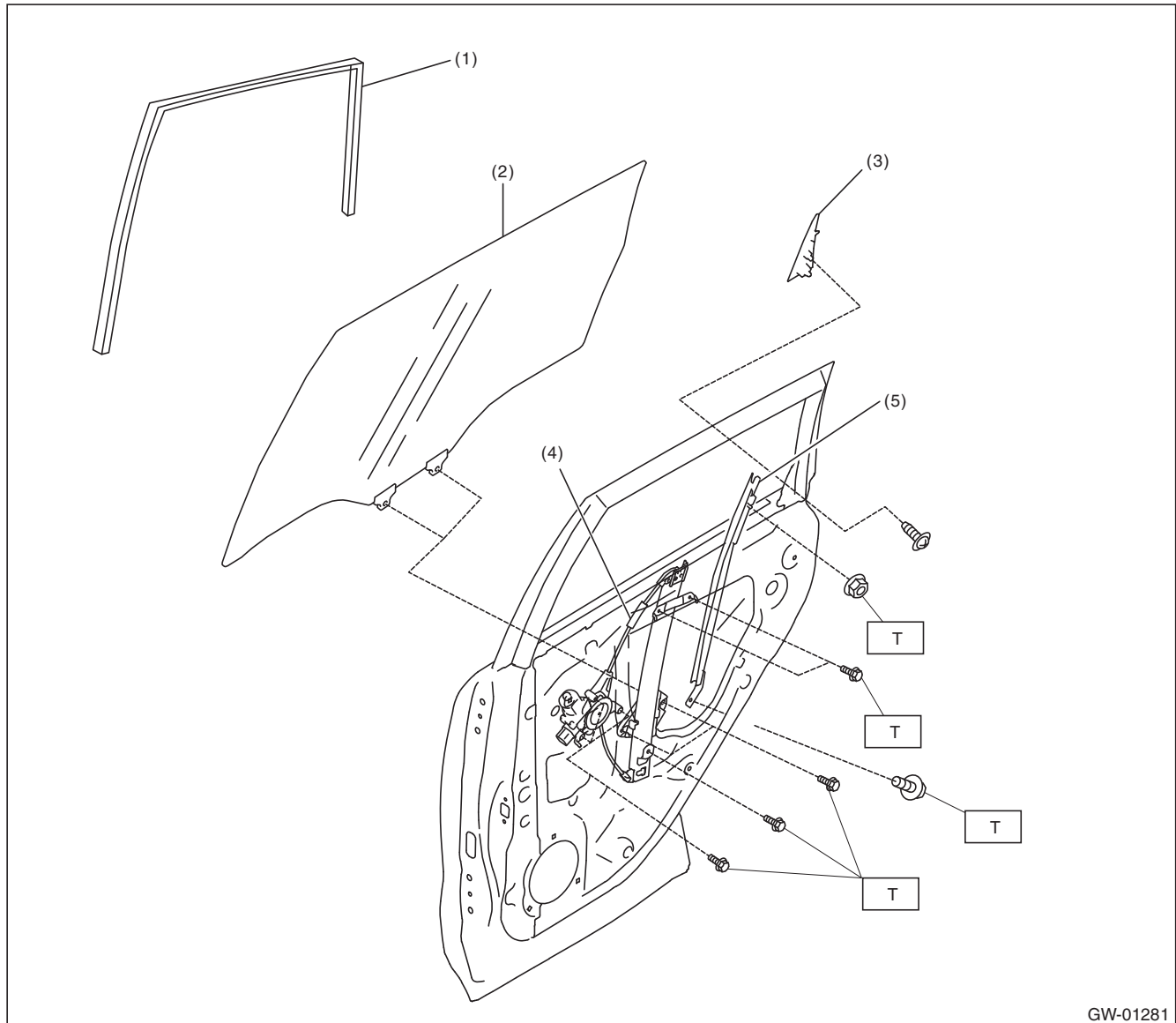
Tightening torque: N-m (kgf-m, ft-lb)

T: 7.5 (0.76, 5.5)

General Description

GLASS/WINDOWS/MIRRORS

3. REAR DOOR GLASS



- (1) Running channel - rear door
- (2) Glass ASSY - rear door
- (3) Rear outer gusset cover

- (4) Regulator & motor ASSY - front
- (5) Sash ASSY - rear door lower

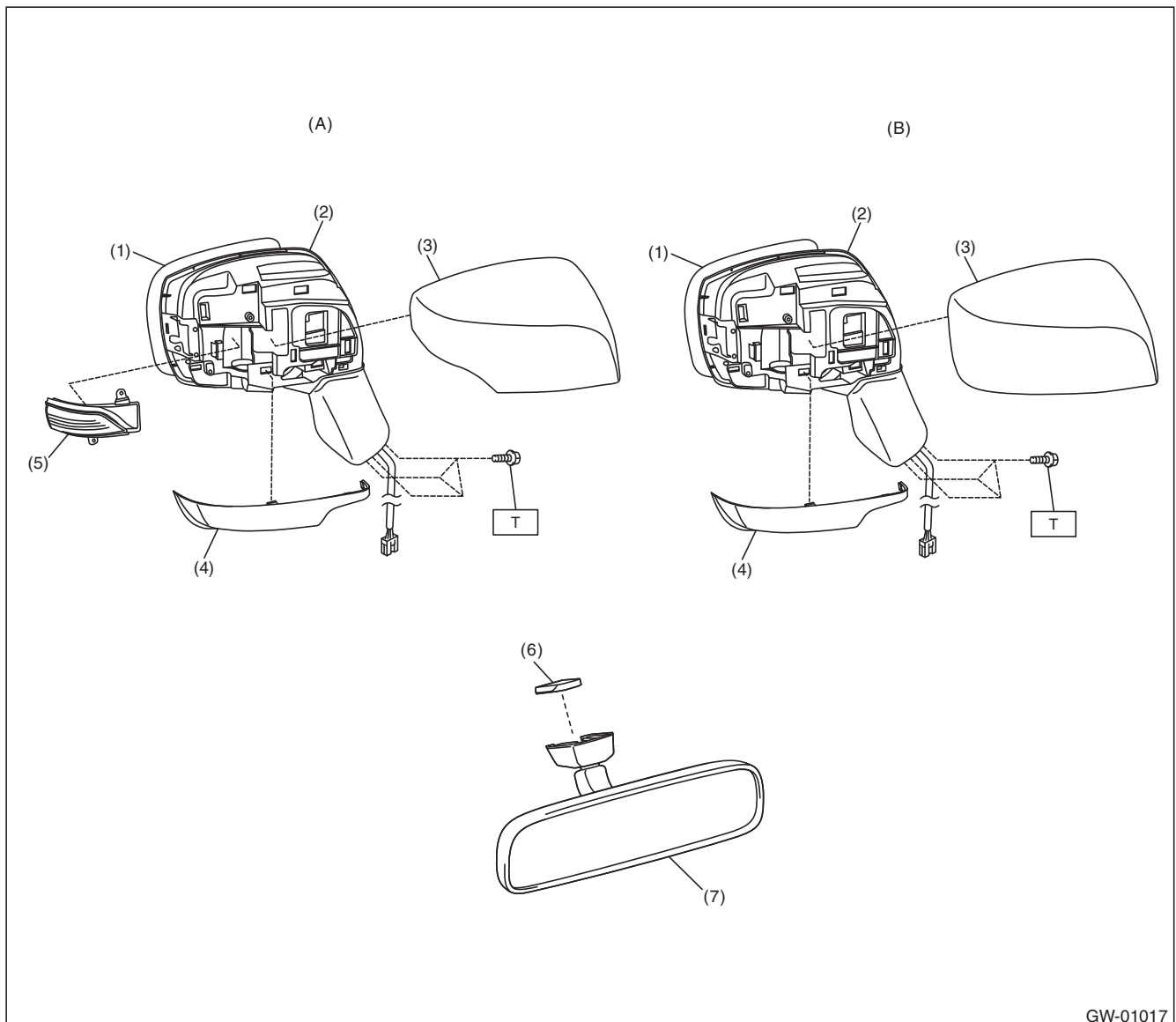
Tightening torque: N-m (kgf-m, ft-lb)

T: 7.5 (0.76, 5.5)

General Description

GLASS/WINDOWS/MIRRORS

4. MIRROR



GW-01017

(A) Model with side turn

(B) Model without side turn

(1) Mirror - repair

(2) Mirror unit - door

(3) Cover - cap outer mirror

(4) Cover - cap outer mirror lower

(5) Light ASSY - side turn mirror

(6) Base - inner mirror

(7) Mirror ASSY - inner rearview

Tightening torque: N-m (kgf-m, ft-lb)

T: 7.5 (0.76, 5.5)

General Description

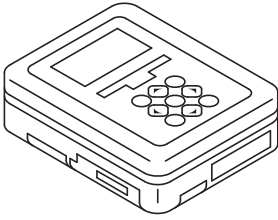
GLASS/WINDOWS/MIRRORS

B: CAUTION

- Before disassembling or reassembling parts, always disconnect the battery ground cable from battery. When replacing the audio, control module and other parts provided with memory functions, record the memory contents before disconnecting the battery ground cable. Otherwise, the memory is cleared.
- Avoid impact and damage to the glass.
- Reassemble the parts in the reverse order of disassembly procedure unless otherwise indicated.
- Connect the connectors securely during reassembly.
- After reassembly, make sure that the each component operates normally.

C: PREPARATION TOOL

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST1B022XU0	1B022XU0	SUBARU SELECT MONITOR III KIT	Used for setting of each function and troubleshooting for electrical system.

2. GENERAL TOOL

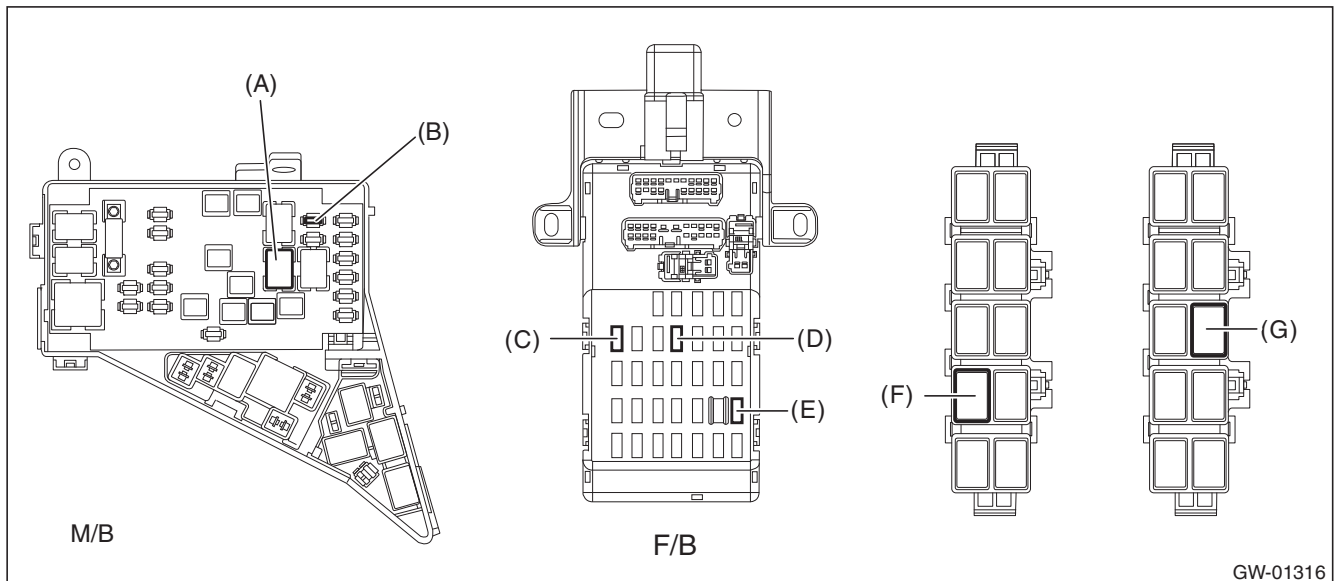
TOOL NAME	REMARKS
Circuit tester	Used for measuring resistance and voltage.
Piano wire	Used for removing the window glass.
Cutter knife	Used for removing the window glass.
Windshield glass knife	Used for removing the window glass.

Relay and Fuse

GLASS/WINDOWS/MIRRORS

2. Relay and Fuse

A: LOCATION



Main fuse box	Rear defogger relay	(A)
	Fuse 25 A (rear defogger)	(B)
Relay & fuse box	Fuse 7.5 A (remote control mirror)	(C)
	Fuse 15 A (wiper deicer)	(D)
	Fuse 7.5 A (power window)	(E)
Relay holder	Power window relay	(F)
	Wiper deicer relay	(G)

NOTE:

For other related fuses, refer to the wiring diagram. <Ref. to WI-24, Power Supply Circuit.>

Relay and Fuse

GLASS/WINDOWS/MIRRORS

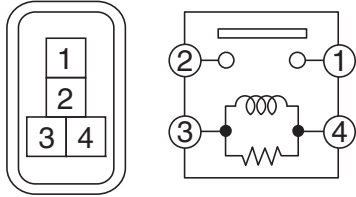
B: INSPECTION

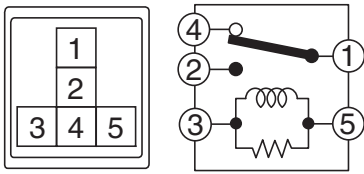
1. CHECK FUSE

- 1) Remove the fuse and check visually.
- 2) If the fuse is blown out, replace the fuse.

2. CHECK RELAY

- 1) Check the resistance between relay terminals.

Terminal No.	Inspection conditions	Specification	Circuit
1 — 2	Always	1 M Ω or more	 SR-00180
1 — 2	Apply battery voltage between 4 — 3 terminals.	Less than 1 Ω	

Terminal No.	Inspection conditions	Specification	Circuit
1 — 2	Always	1 M Ω or more	 SL-01085
1 — 4	Always	Less than 1 Ω	
1 — 2	Apply battery voltage between 3 — 5 terminals.	Less than 1 Ω	

- 2) Replace the relay if the inspection result is not within the standard value.

3. Power Window System

A: WIRING DIAGRAM

Refer to "Power Window System" in the wiring diagram. <Ref. to WI-321, WIRING DIAGRAM, Power Window System.>

B: INSPECTION

Symptoms	Inspection order
All power windows do not operate.	1. Check the fuse. 2. Check the power window relay. 3. Check the wiring harness.
Particular window does not operate.	1. Check the fuse. 2. Check the switch - power window main. 3. Check the switch - power window sub. 4. Check the power window motor. 5. Check the wiring harness.
"Window Lock" does not operate.	Check the switch - power window main.
Driver's side window moves slightly (approx. 20 mm (0.79 in)).	1. Check the motor - front. 2. Check the switch - power window main. 3. Check the wiring harness.
Driver's side window moves slightly (approx. 50 mm (1.97 in)). (This status is not a failure.)	Perform reset operation A. <Ref. to GW-9, RESET OPERATION A, OPERATION, Power Window System.>
Driver's side window does not close completely. (Using AUTO UP allows the window to fully close first and then move in reverse resulting in slightly opening.)	Perform reset operation B. <Ref. to GW-9, RESET OPERATION B, OPERATION, Power Window System.>

C: OPERATION

1. RESET OPERATION A

- 1) Sit in the driver's seat and close the door.
- 2) Turn the ignition switch to ON.
- 3) Operate the switch - power window main to open the glass assembly - front door halfway.
- 4) Operate the switch - power window main in "UP" direction to fully close the glass assembly - front door on the driver's side.
- 5) While the glass assembly - front door is fully closed, hold down the switch - power window main in "UP" direction for one second.
- 6) Operate the switch - power window main in "AUTO DOWN" direction to check whether the window fully opens properly.

NOTE:

If the window does not fully open properly, repeat steps 1) to 6).

2. RESET OPERATION B

- 1) Sit in the driver's seat and close the door.
- 2) Turn the ignition switch to ON.
- 3) On the glass assembly - front door of the driver's side, operate the "AUTO UP" function (fully pull up the switch) using the switch - power window main, and perform auto-reverse operations 10 times in a row (after the window fully closes, it slightly opens).
- 4) Check that the "AUTO UP" function no longer operates.
- 5) Perform reset operation A.
- 6) Check that the window operates properly by operating the "AUTO UP" and "AUTO DOWN" switch.

NOTE:

If the window does not fully open/close properly, repeat steps 1) to 6).

Power Window System

GLASS/WINDOWS/MIRRORS

D: NOTE

For operation procedures of each component of the power window system, refer to the respective sections.

- Power window control switch: <Ref. to GW-11, Power Window Control Switch.>
- Front door glass: <Ref. to GW-17, Front Door Glass.>
- Front regulator and motor assembly: <Ref. to GW-20, Front Regulator and Motor Assembly.>
- Rear door glass: <Ref. to GW-31, Rear Door Glass.>
- Rear regulator and motor assembly: <Ref. to GW-33, Rear Regulator and Motor Assembly.>

4. Power Window Control Switch

A: REMOVAL

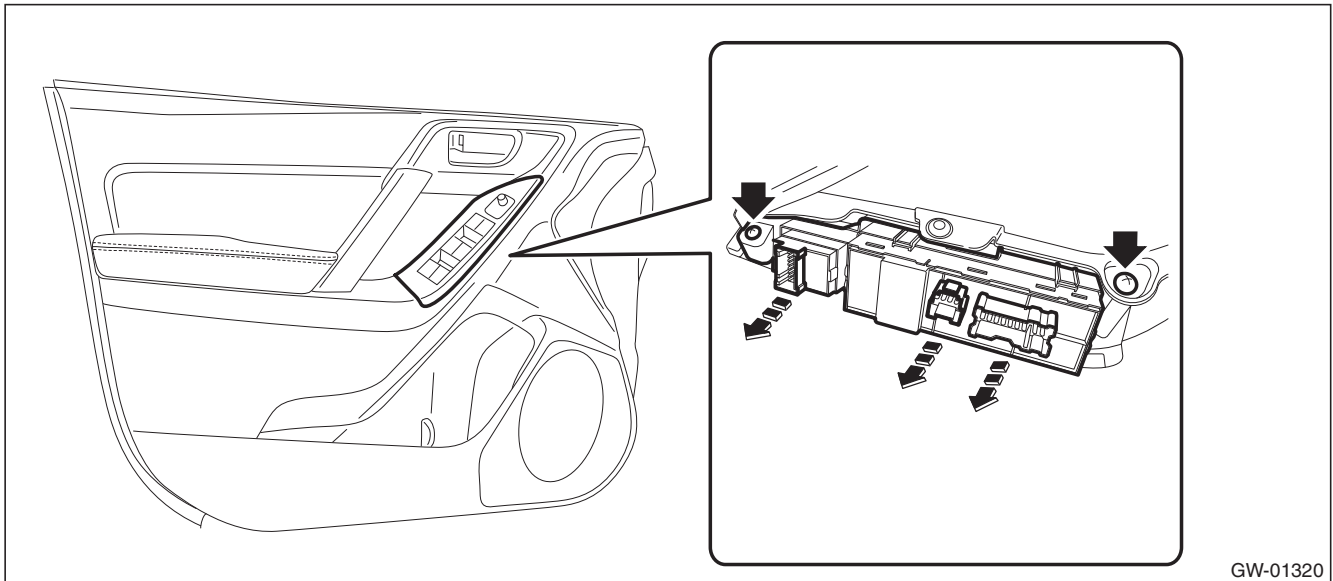
1. MAIN SWITCH

- 1) Remove the trim panel - front door. <Ref. to EI-55, FRONT DOOR, REMOVAL, Door Trim.>
- 2) Remove the panel - power window main switch.

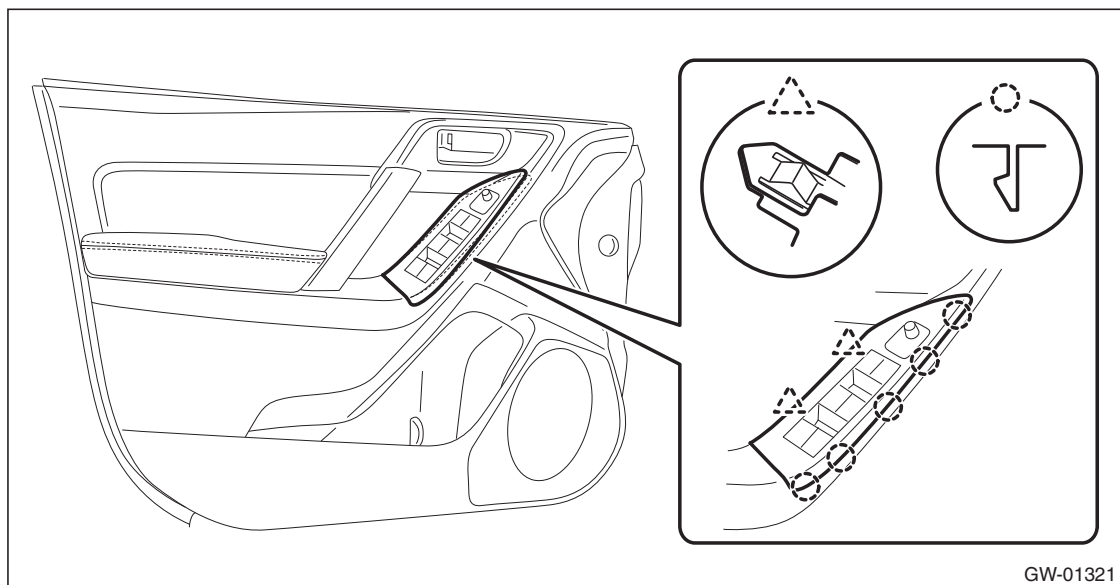
CAUTION:

Be careful not to damage the trim panel - front door with the panel - power window main switch.

- (1) Remove the screws and disconnect the connector.



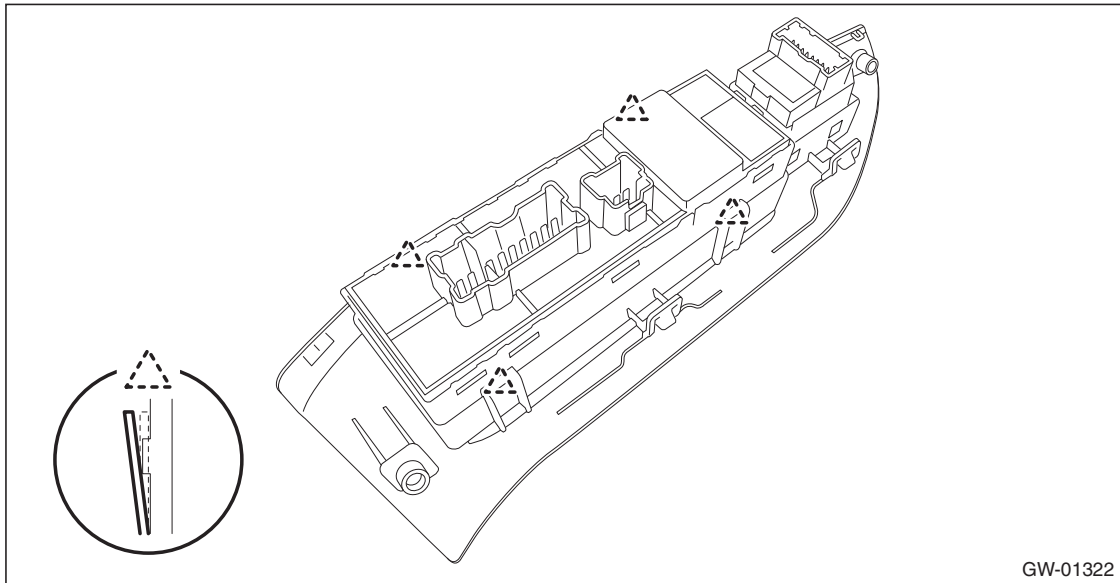
- (2) Release the claws, and then remove the panel - power window main switch.



Power Window Control Switch

GLASS/WINDOWS/MIRRORS

- (3) Release the claws, and then remove the switch - power window main.



2. SUB-SWITCH

Switch - power window sub front

For removal of the switch - power window sub front on the passenger's seat, refer to the removal procedure of the switch - power window main. <Ref. to GW-11, MAIN SWITCH, REMOVAL, Power Window Control Switch.>

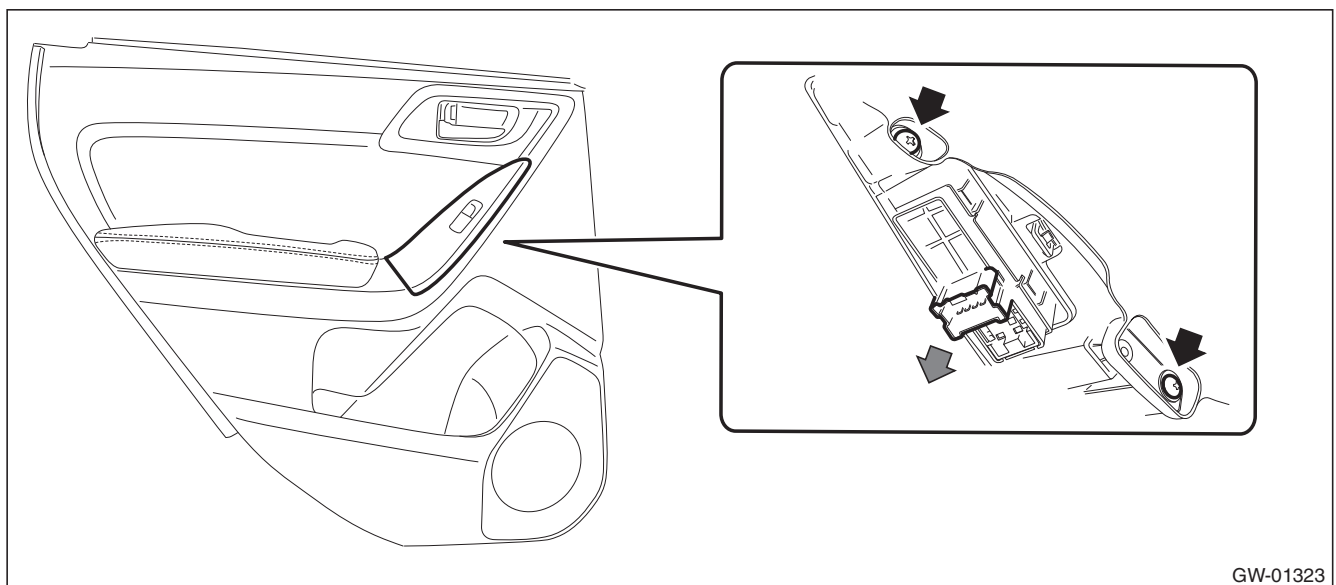
Switch - power window sub rear

- 1) Remove the trim panel - rear door. <Ref. to EI-56, REAR DOOR, REMOVAL, Door Trim.>
- 2) Remove the panel - power window sub switch rear.

CAUTION:

Be careful not to damage the trim panel - rear door with the panel - power window sub switch rear.

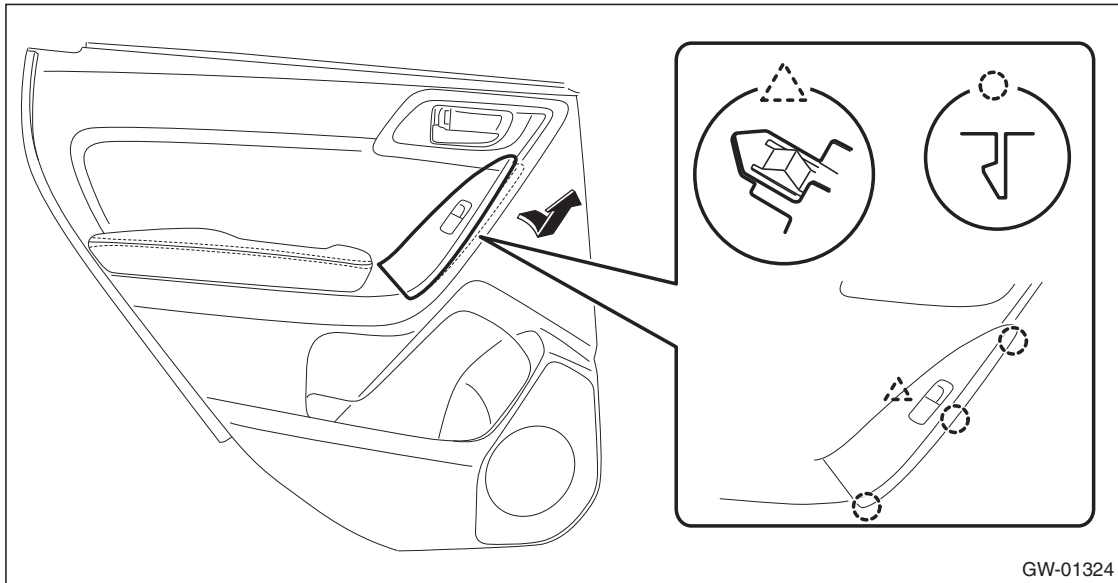
- (1) Insert a sheet of protective paper (a) between panel - power window sub switch rear and trim panel - rear door.
- (2) Remove the screws and disconnect the connector.



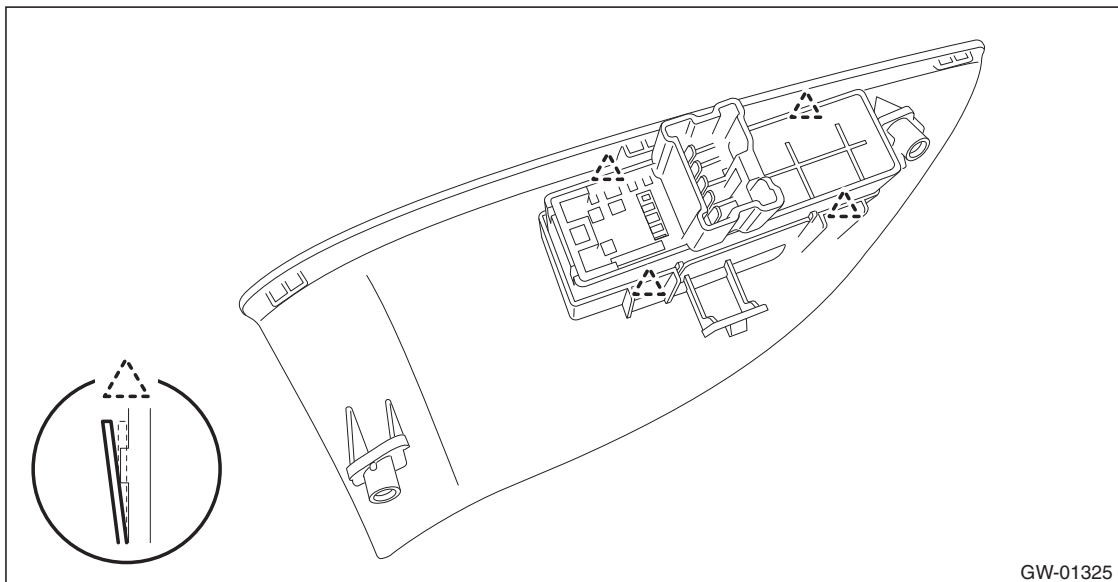
Power Window Control Switch

GLASS/WINDOWS/MIRRORS

- (3) Release the claws, and then remove the panel - power window sub switch rear.



- 3) Release the claws, and then remove the switch - power window sub rear.



B: INSTALLATION

CAUTION:

- After installing the switch - power window main, always perform the initial setting. Failure to do so may cause the improper activation of auto-reverse operation for pinching hazard prevention.
 - Use protective paper to avoid damage to the trim panel.
- 1) Install each part in the reverse order of removal.
 - 2) Perform initial setting operation (reset operation A). <Ref. to GW-9, RESET OPERATION A, OPERATION, Power Window System.>

Power Window Control Switch

GLASS/WINDOWS/MIRRORS

C: INSPECTION

1. MAIN SWITCH

- Driver's seat

CAUTION:

Since the switch - power window main is controlled by CPU, do not check continuity for switch alone with the circuit tester. Performing continuity check with circuit tester can damage the switch - power window main circuit.

Check output from the switch - power window main to the driver's side motor using the oscilloscope function in the Subaru Select Monitor.

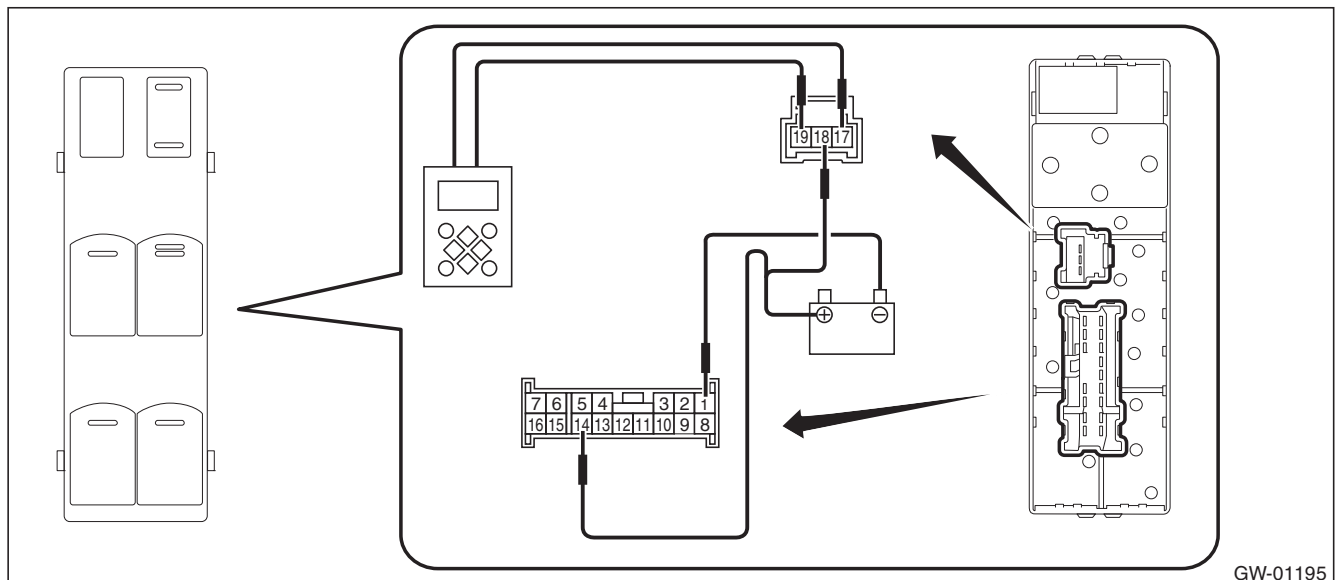
- 1) Remove the switch - power window main.
- 2) Connect the battery and the Subaru Select Monitor to the switch - power window main terminal.

CAUTION:

Never mix up the terminals when connecting the harness connector of the switch - power window main and the battery. If the connection is wrong, the switch - power window main may be damaged.

NOTE:

- When the battery is connected to the switch - power window main terminal, the letters "AUTO" on the driver's side knob illuminates.
- For detailed procedures, refer to "Subaru Select Monitor Operation Manual".



GW-01195

- 3) Operate the switch - power window main and check the output.

NOTE:

Since output time during window UP operation is extremely short, it cannot be checked without using a measuring instrument such as oscilloscope. Output is constantly produced while the switch is operated for window DOWN operation.

Inspection conditions	Output time	Standard
AUTO UP	Approx. 130 ms	Battery voltage
UP		
OFF	—	0 V
DOWN	During switch operation	Battery voltage
AUTO DOWN	Approx. 300 ms	

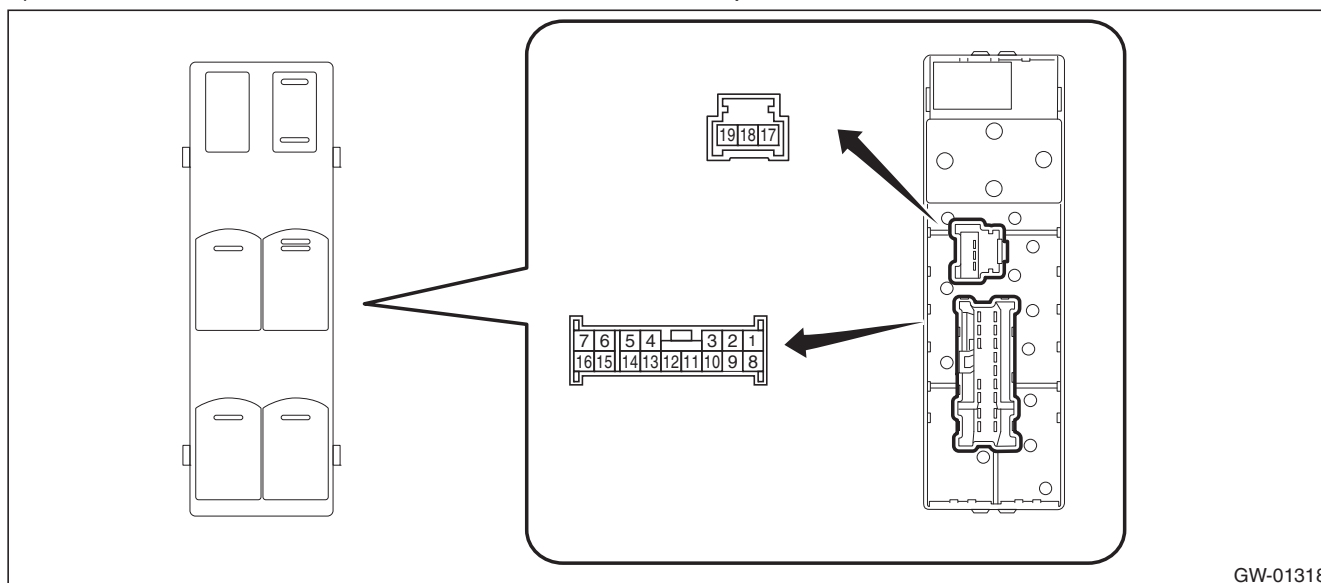
- 4) If the inspection result is not within the standard, replace the switch - power window main.

Power Window Control Switch

GLASS/WINDOWS/MIRRORS

- Except for driver's seat

1) Check the resistance between terminals of the switch - power window main.



GW-01318

	Terminal No.	Inspection conditions	Standard
Passenger's seat	14 — 8 1 — 2	UP	Less than 1 Ω
	14 — 2 14 — 8	OFF	1 M Ω or more
	1 — 8 1 — 2 8 — 2		Less than 1 Ω
	14 — 2 1 — 8	DOWN	Less than 1 Ω
Rear LH	14 — 15 1 — 16	UP	Less than 1 Ω
	14 — 15 14 — 16	OFF	1 M Ω or more
	1 — 15 1 — 16 15 — 16		Less than 1 Ω
	14 — 16 1 — 15	DOWN	Less than 1 Ω
Rear RH	14 — 7 1 — 6	UP	Less than 1 Ω
	14 — 7 14 — 6	OFF	1 M Ω or more
	1 — 6 1 — 7 6 — 7		Less than 1 Ω
	14 — 6 1 — 7	DOWN	Less than 1 Ω

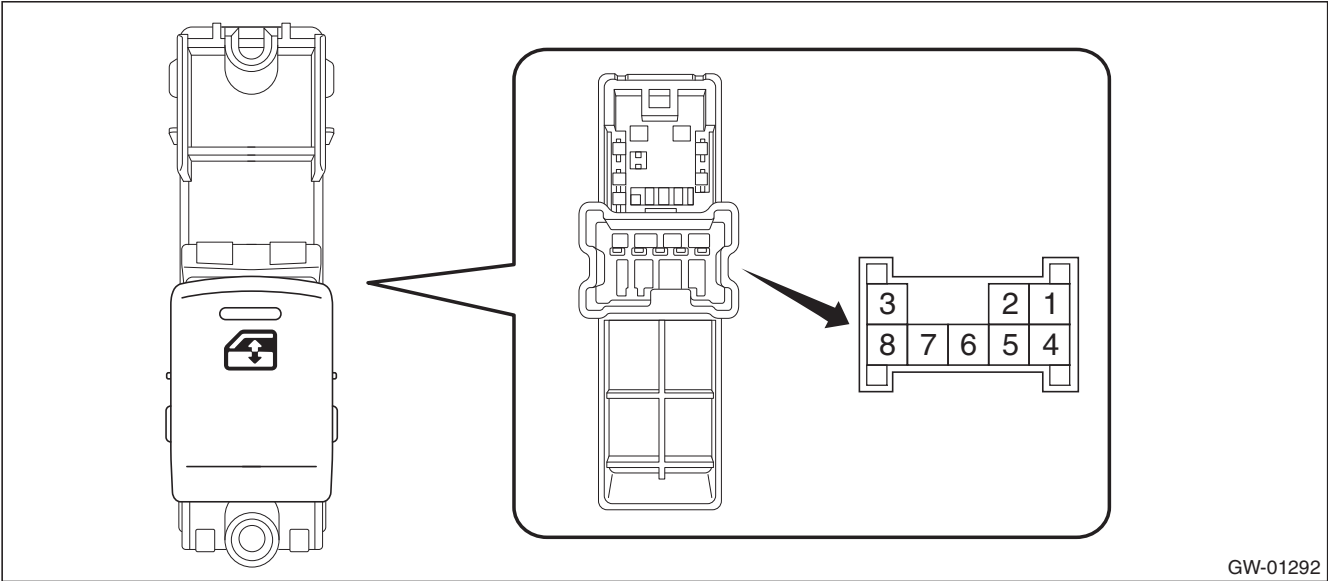
2) If the inspection result is not within the standard, replace the switch - power window main.

Power Window Control Switch

GLASS/WINDOWS/MIRRORS

2. SUB-SWITCH

- 1) Remove the switch - power window sub front.
- 2) Check the resistance between terminals of the switch - power window sub front.



GW-01292

	Terminal No.	Inspection conditions	Standard
Passenger seat, rear	6 — 5	UP	Less than 1 Ω
	8 — 7		
	7 — 6	OFF	1 MΩ or more
	4 — 6		
	5 — 4	DOWN	Less than 1 Ω
	8 — 7		
	6 — 8		
	5 — 4		

- 3) If the inspection result is not within the standard, replace the switch - power window sub front.

5. Front Door Glass

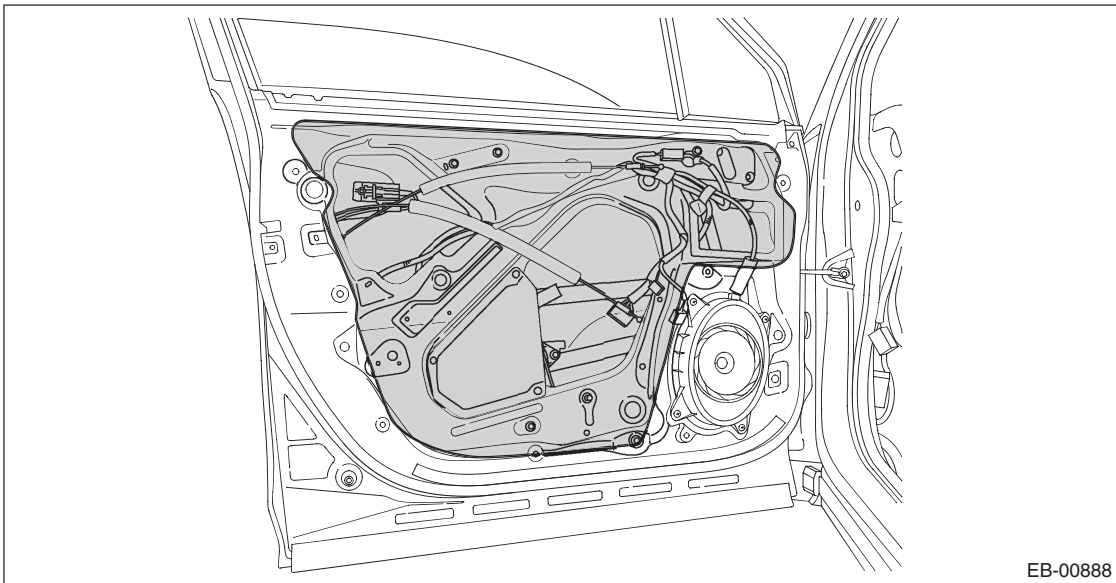
A: REMOVAL

- 1) Remove the trim panel - front door. <Ref. to EI-55, FRONT DOOR, REMOVAL, Door Trim.>
- 2) Remove the sealing cover - front door.

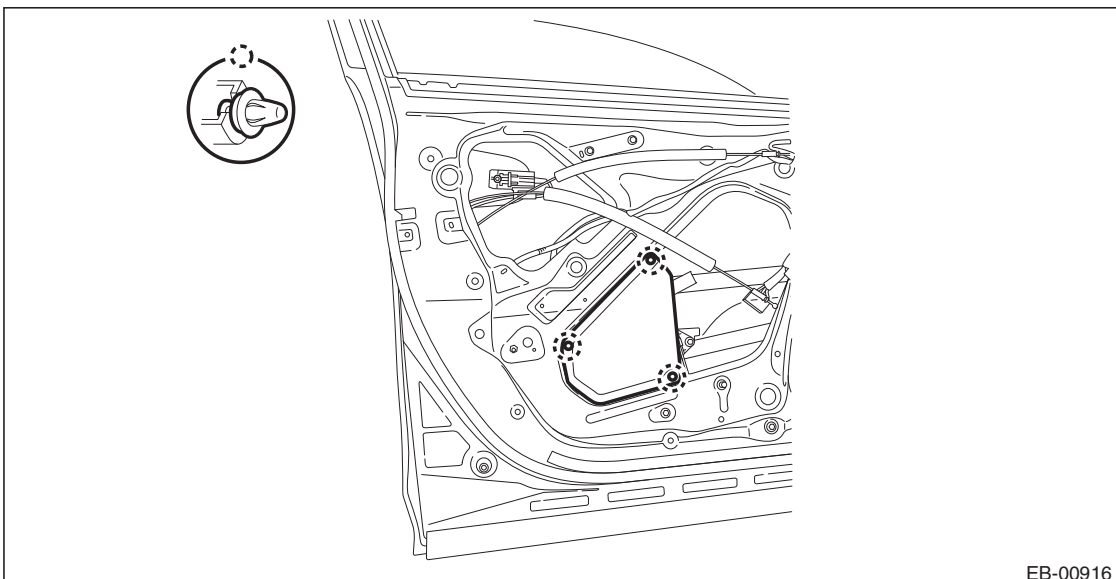
CAUTION:

- Carefully remove the butyl tape. Excessive force will easily break the sealing cover - front door.
- If the sealing cover - front door gets broken, replace it with a new part.
- Be careful not to allow the butyl tape to contact any trims and seats because the butyl tape, which has a strong adhesive force, is difficult to remove once it adhered.

- (1) Disconnect connectors.
- (2) Carefully remove the butyl tape to remove the sealing cover - front door.



- 3) Remove the front door inner pad.



CAUTION:

If the clip is damaged, replace it with a new part because the panel assembly - front door may be deformed.

- 4) Attach the battery ground cable and the switch - power window, and turn the ignition to ON.

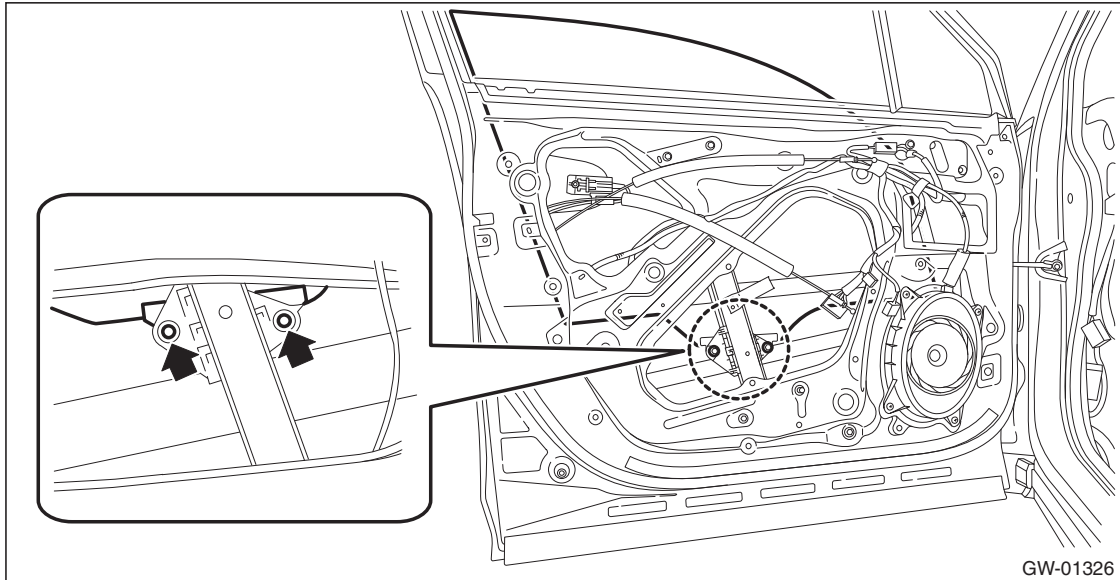
Front Door Glass

GLASS/WINDOWS/MIRRORS

5) Remove the glass assembly - front door.

(1) Operate the switch - power window to move the glass assembly - front door to the position where the mounting bolts can be seen.

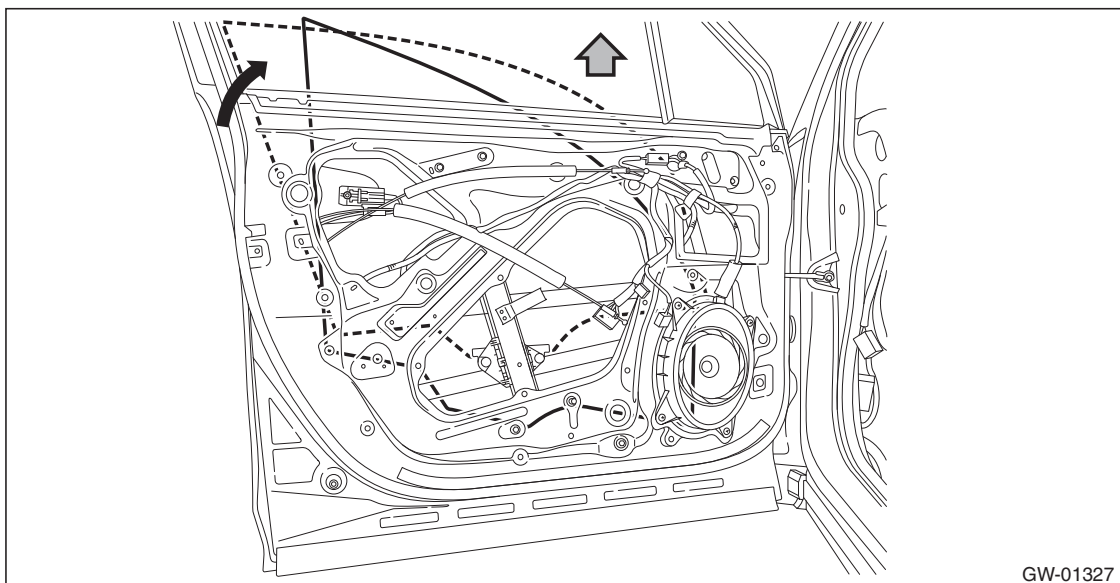
(2) Remove the bolt.



(3) While tilting the glass, remove the glass assembly - front door.

CAUTION:

Avoid impact and damage to the glass assembly - front door.

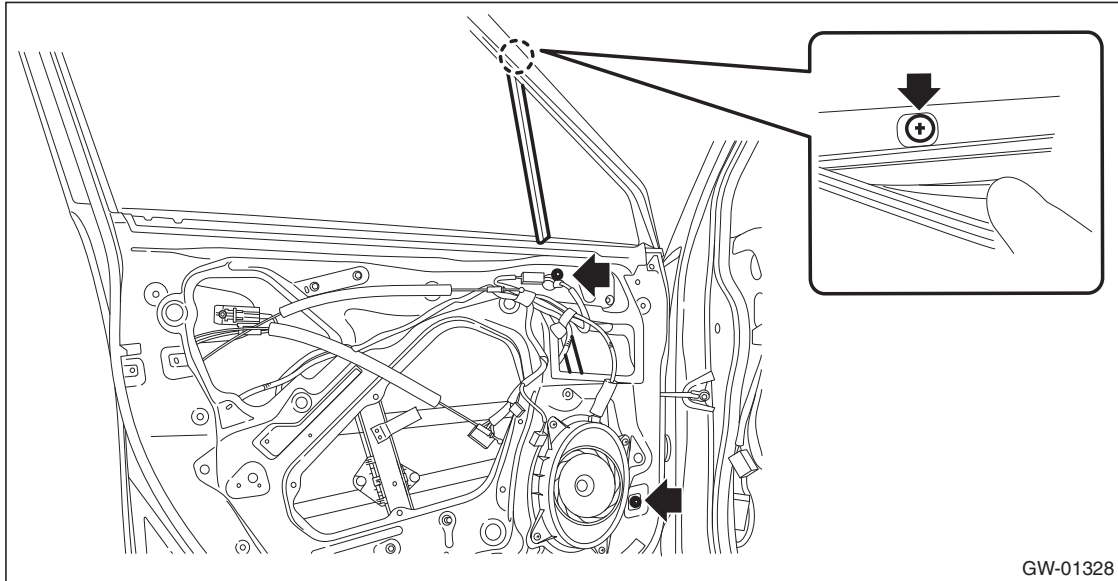


Front Door Glass

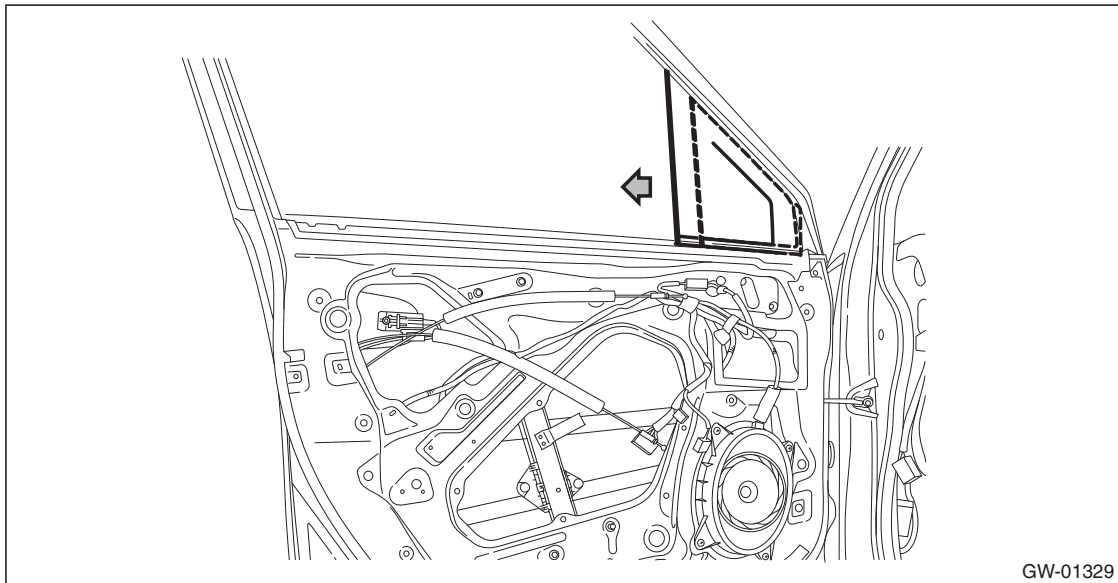
GLASS/WINDOWS/MIRRORS

6) Remove the glass - front door partition.

(1) Remove the bolts and screws, and then remove the sash COMPL - partition.



(2) Remove the glass - front door partition.



B: INSTALLATION

CAUTION:

Check that the running channel - front door is securely fixed to the panel assembly - front door and to the sash COMPL - partition.

Install each part in the reverse order of removal.

Tightening torque:

Refer to "COMPONENT" of "General Description". <Ref. to GW-3, FRONT DOOR GLASS, COMPONENT, General Description.>

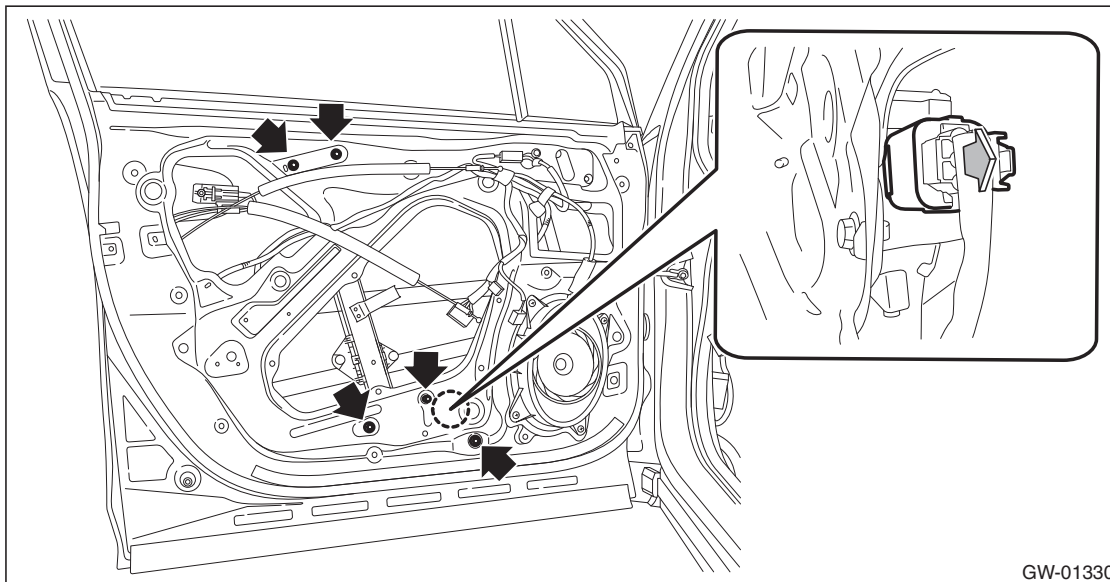
Front Regulator and Motor Assembly

GLASS/WINDOWS/MIRRORS

6. Front Regulator and Motor Assembly

A: REMOVAL

- 1) Remove the glass assembly - front door. <Ref. to GW-17, REMOVAL, Front Door Glass.>
- 2) Remove the regulator and motor assembly - front.
 - (1) Disconnect the motor - front connector.
 - (2) Remove the bolts, and then remove the regulator and motor assembly - front.



B: INSTALLATION

Install each part in the reverse order of removal.

Tightening torque:

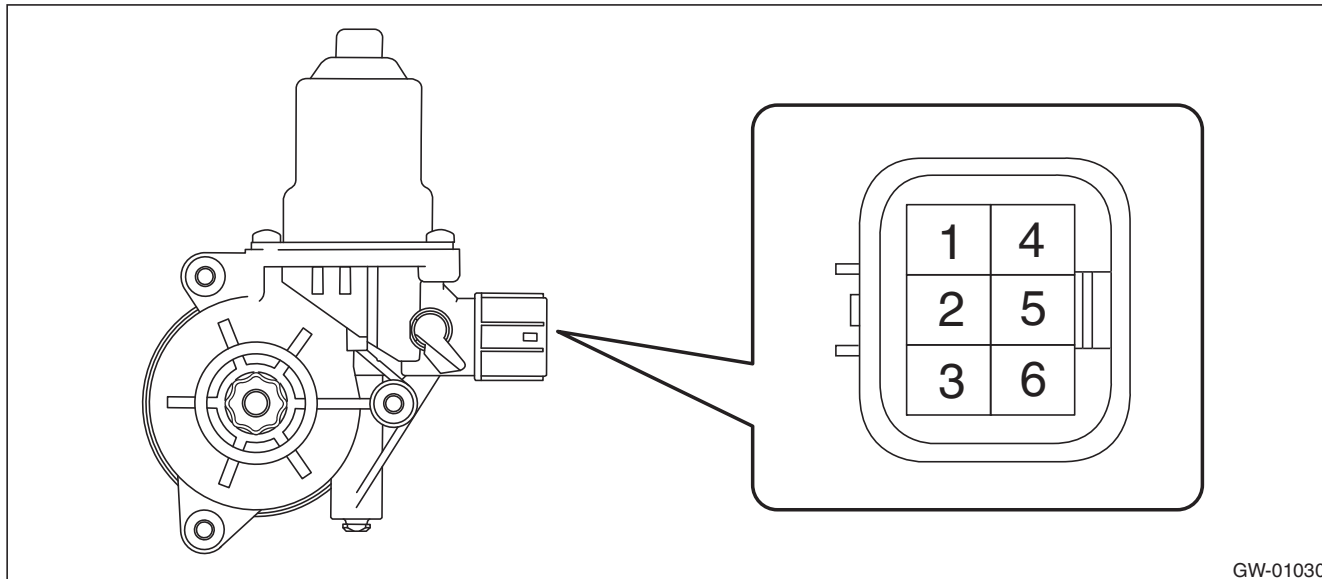
Refer to "COMPONENT" of "General Description". <Ref. to GW-3, FRONT DOOR GLASS, COMPONENT, General Description.>

Front Regulator and Motor Assembly

GLASS/WINDOWS/MIRRORS

C: INSPECTION

- 1) Disconnect the connector of the motor - front.
- 2) Check the motor operation when battery voltage is applied between terminals of the motor - front connector.



- LH side

Terminal No.	Inspection conditions	Standard
4 (+) — 1 (—)	Apply battery voltage between terminals.	Increase
1 (+) — 4 (—)	Apply battery voltage between terminals.	Decrease

- RH side

Terminal No.	Inspection conditions	Standard
3 (+) — 6 (—)	Apply battery voltage between terminals.	Increase
6 (+) — 3 (—)	Apply battery voltage between terminals.	Decrease

- 3) If it does not operate properly as a result of inspection, replace the regulator and motor assembly - front.

Remote Control Mirror System

GLASS/WINDOWS/MIRRORS

7. Remote Control Mirror System

A: WIRING DIAGRAM

Refer to "Remote Control Mirror System" in the wiring diagram. <Ref. to WI-363, WIRING DIAGRAM, Remote Control Mirror System.>

B: INSPECTION

1. SYMPTOM CHART

Symptoms	Inspection order
All function does not operate.	1. Check the fuse. 2. Check the remote control mirror switch. 3. Check the wiring harness.
One side of the mirror motor does not operate.	1. Check the remote control mirror switch. 2. Check the mirror motor. 3. Check the wiring harness.
Mirror heater does not operate.	1. Check the rear defogger switch. 2. Check the rear defogger relay. 3. Check the mirror heater. 4. Check the wiring harness. 5. Check body integrated unit.

NOTE:

The mirror heater operates with the rear window defogger at the same time. Refer to "INSPECTION" of "Rear Window Defogger System" for details. <Ref. to GW-46, INSPECTION, Rear Window Defogger System.>

C: NOTE

For procedure of each component in the remote control mirror system, refer to the respective section.

- Outer mirror assembly: <Ref. to GW-23, Outer Mirror Assembly.>
- Remote control mirror switch: <Ref. to GW-28, Remote Control Mirror Switch.>

8. Outer Mirror Assembly

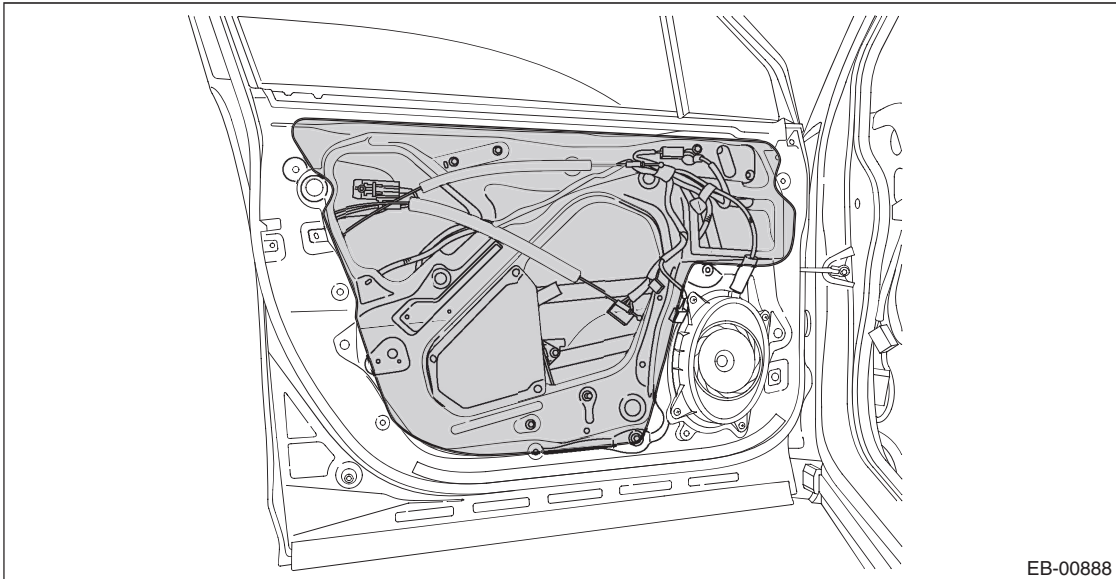
A: REMOVAL

- 1) Remove the trim panel - front door. <Ref. to EI-55, FRONT DOOR, REMOVAL, Door Trim.>
- 2) Turn over the sealing cover - front door.

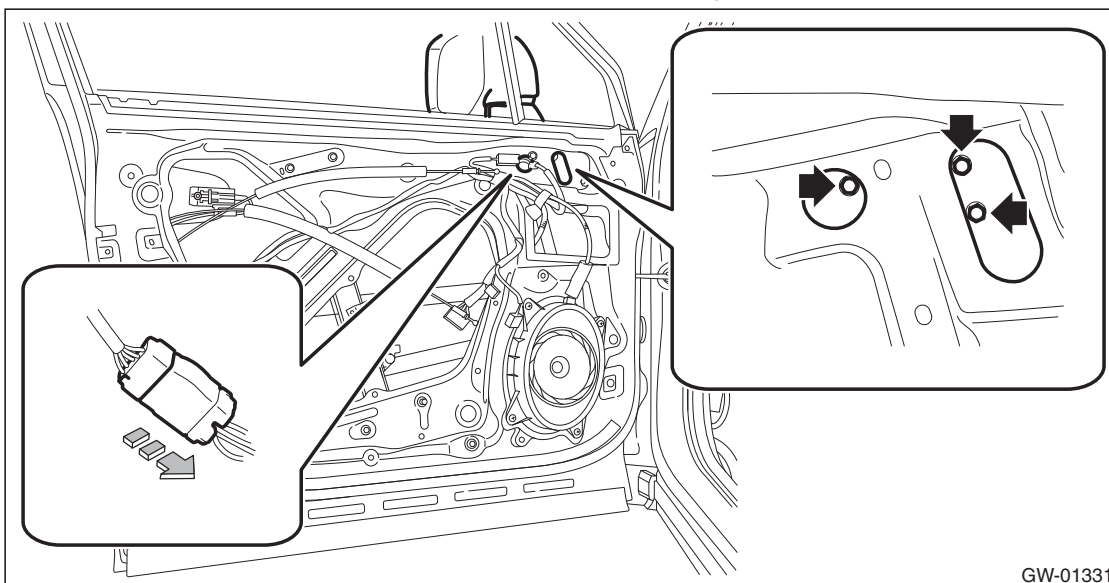
CAUTION:

- Carefully remove the butyl tape. Excessive force will easily break the sealing cover - front door.
- If the sealing cover - front door gets broken, replace it with a new part.
- Be careful not to allow the butyl tape to contact any trims and seats because the butyl tape, which has a strong adhesive force, is difficult to remove once it adhered.

- (1) Disconnect each connector.
- (2) Carefully remove the butyl tape and turn over the sealing cover - front door within the area where the operation can be performed.



- 3) Remove the outer mirror assembly.
 - (1) Disconnect the connector.
 - (2) Remove the bolts to remove outer mirror assembly.



Outer Mirror Assembly

GLASS/WINDOWS/MIRRORS

B: INSTALLATION

Install each part in the reverse order of removal.

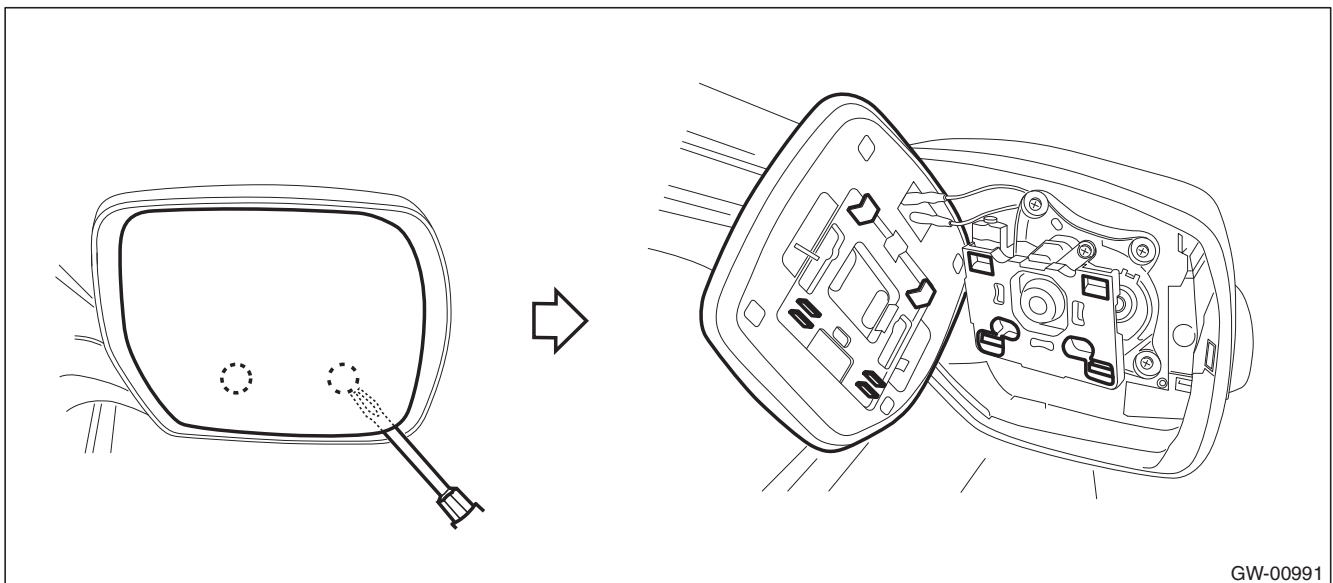
Tightening torque:

Outer mirror assembly: 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)

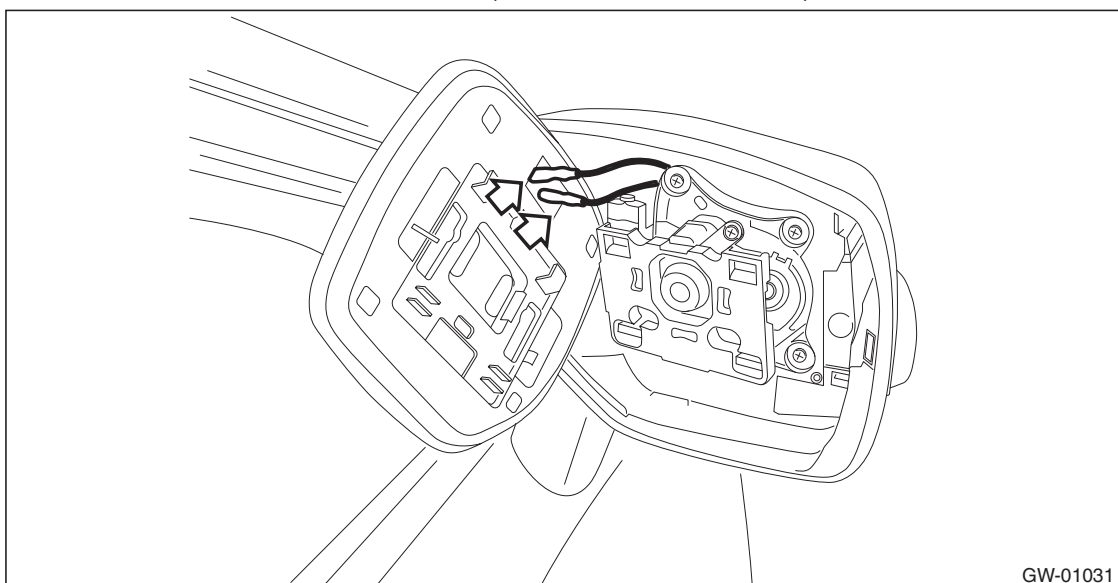
C: DISASSEMBLY

CAUTION:

- When removing the mirror - repair, be careful not to damage the back surface of mirror - repair with a flat tip screwdriver.
 - When installing the mirror - repair, insert the connector and clip securely.
- 1) Operate the remote control mirror switch to face the mirror - repair upward.
 - 2) Disconnect the ground cable from battery.
 - 3) Remove the mirror - repair.
 - (1) Using a flat tip screwdriver, release the clip, and slide the mirror - repair downward to remove.



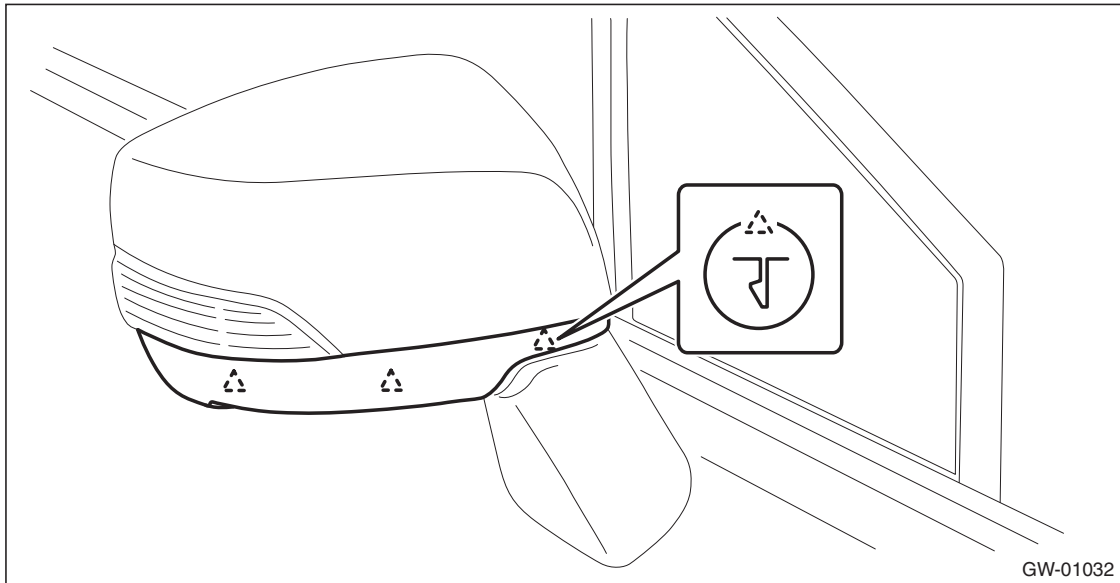
(2) Disconnect the mirror heater connector. (Model with mirror heater)



Outer Mirror Assembly

GLASS/WINDOWS/MIRRORS

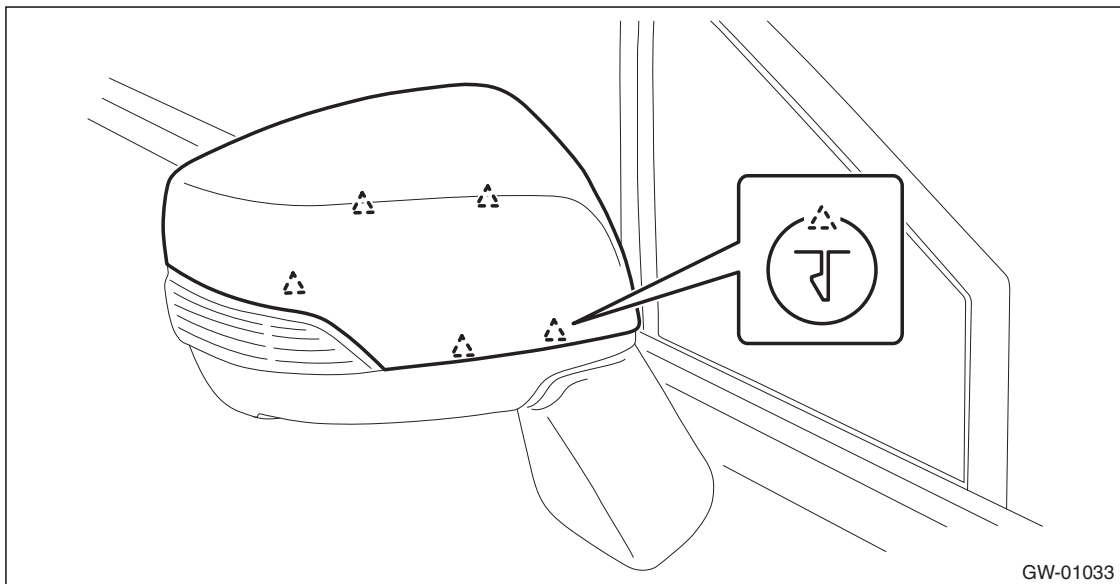
- 4) Release the claws, and then remove the cover - cap outer mirror lower.



- 5) Release the claws, and then remove the cover - cap outer mirror.

CAUTION:

Be careful not to apply excessive force when removing the cover - cap outer mirror, as the lower hooks may become damaged.

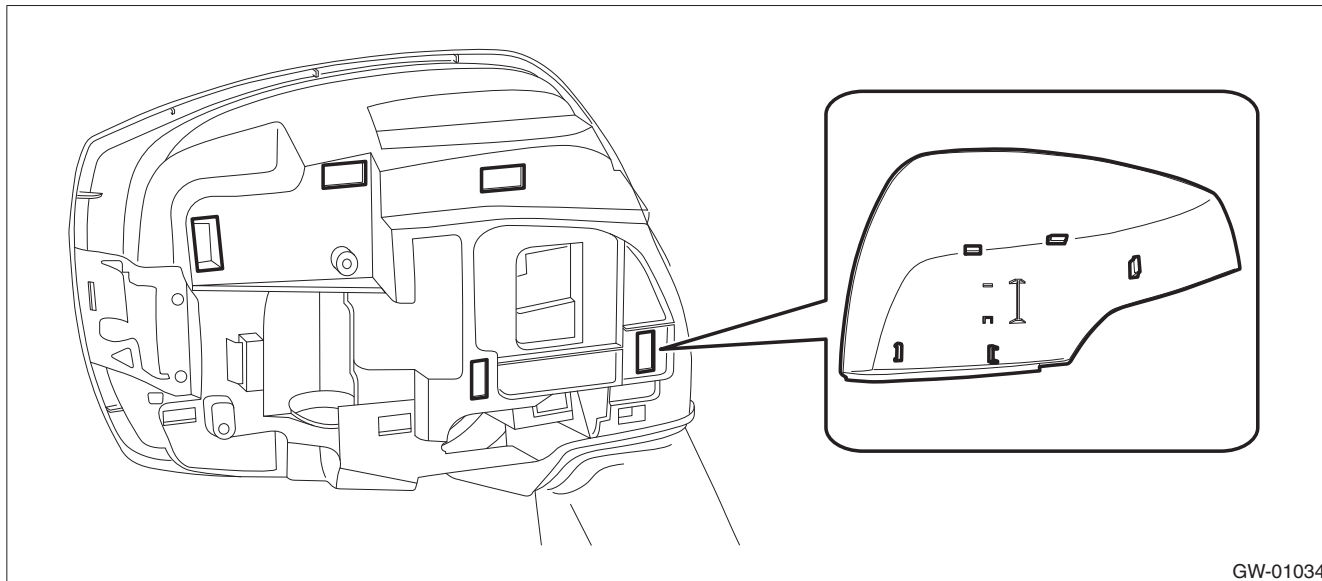


Outer Mirror Assembly

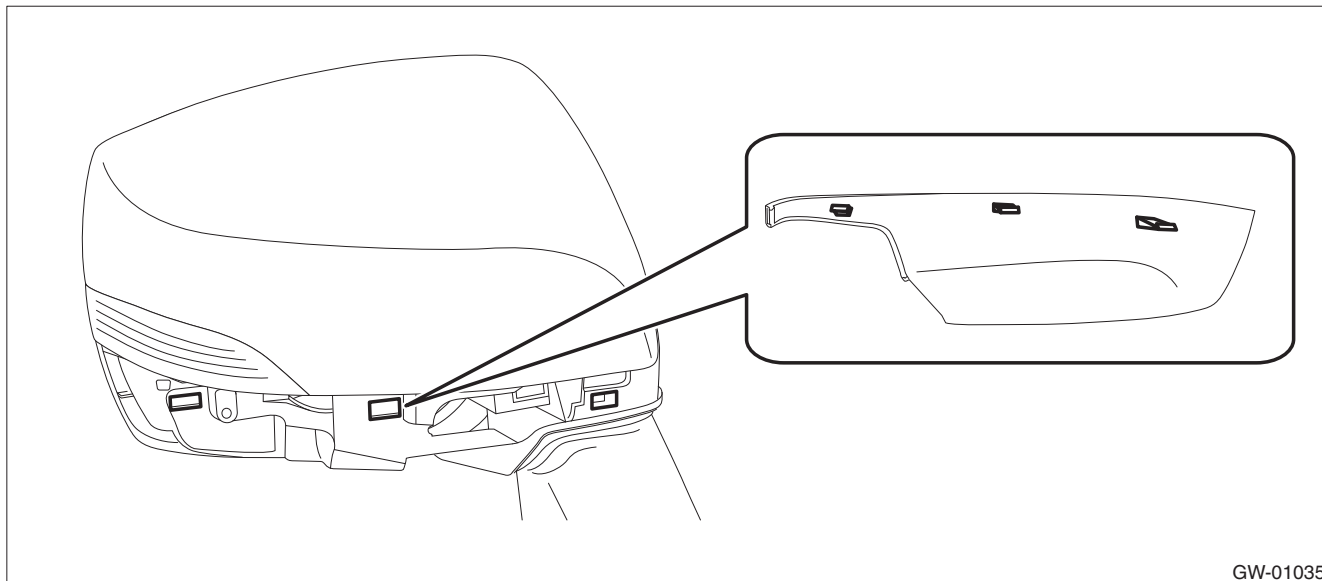
GLASS/WINDOWS/MIRRORS

D: ASSEMBLY

1) Engage the claws into the hole and install the cover - cap outer mirror.



2) Engage the claws into the hole and install the cover - cap outer mirror lower.



3) Check that all the claws are securely engaged.

4) Install the mirror - repair in the reverse order of removal.

CAUTION:

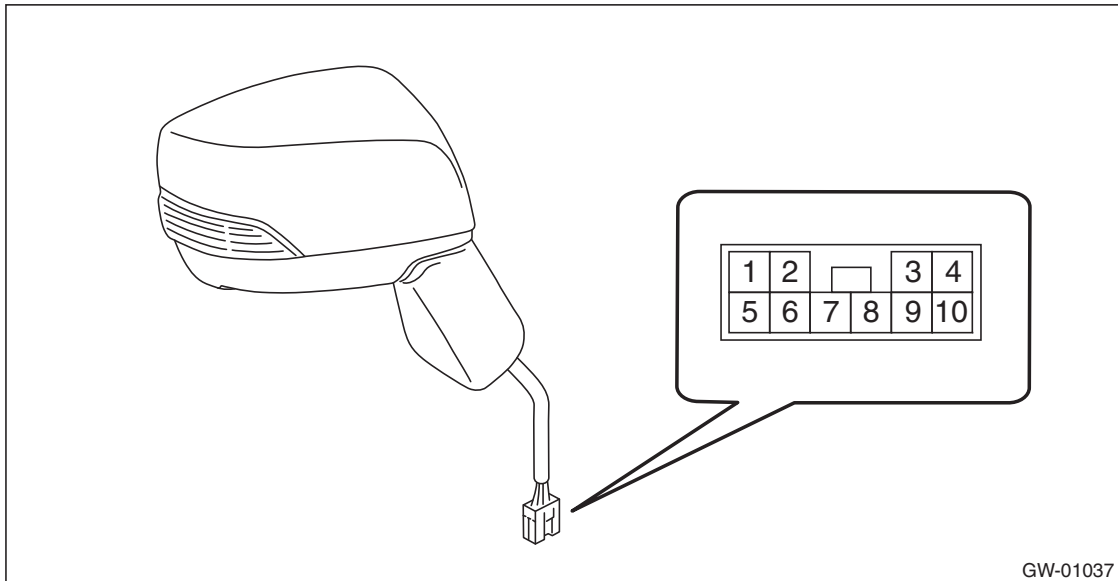
Be sure to insert the connector and clips securely.

Outer Mirror Assembly

GLASS/WINDOWS/MIRRORS

E: INSPECTION

- 1) Disconnect the outer mirror connector.
- 2) Apply battery voltage between the outer mirror connector terminals and check the mirror operation.



Terminal No.	Inspection conditions	Switch position
—	—	OFF
3 (+) — 8 (—)	Apply battery voltage between terminals.	UP
8 (+) — 3 (—)	Apply battery voltage between terminals.	DOWN
7 (+) — 3 (—)	Apply battery voltage between terminals.	LEFT
3 (+) — 7 (—)	Apply battery voltage between terminals.	RIGHT

- 3) If it does not operate normally, replace the outer mirror assembly.

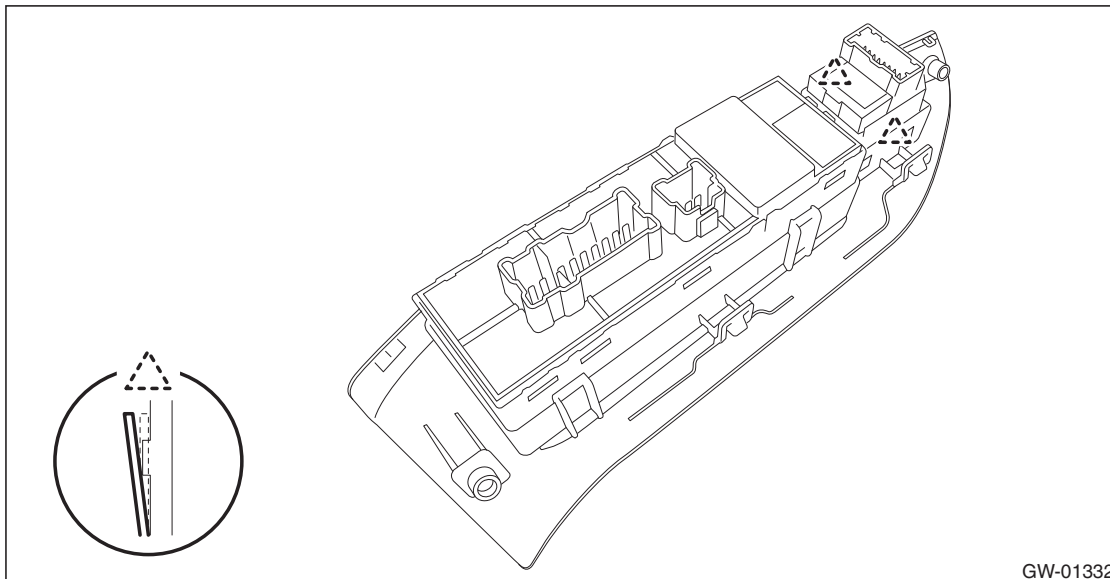
Remote Control Mirror Switch

GLASS/WINDOWS/MIRRORS

9. Remote Control Mirror Switch

A: REMOVAL

- 1) Remove the panel - power window main switch. <Ref. to GW-11, MAIN SWITCH, REMOVAL, Power Window Control Switch.>
- 2) Release the claws, and then remove the switch - door mirror.



GW-01332

B: INSTALLATION

Install each part in the reverse order of removal.

Remote Control Mirror Switch

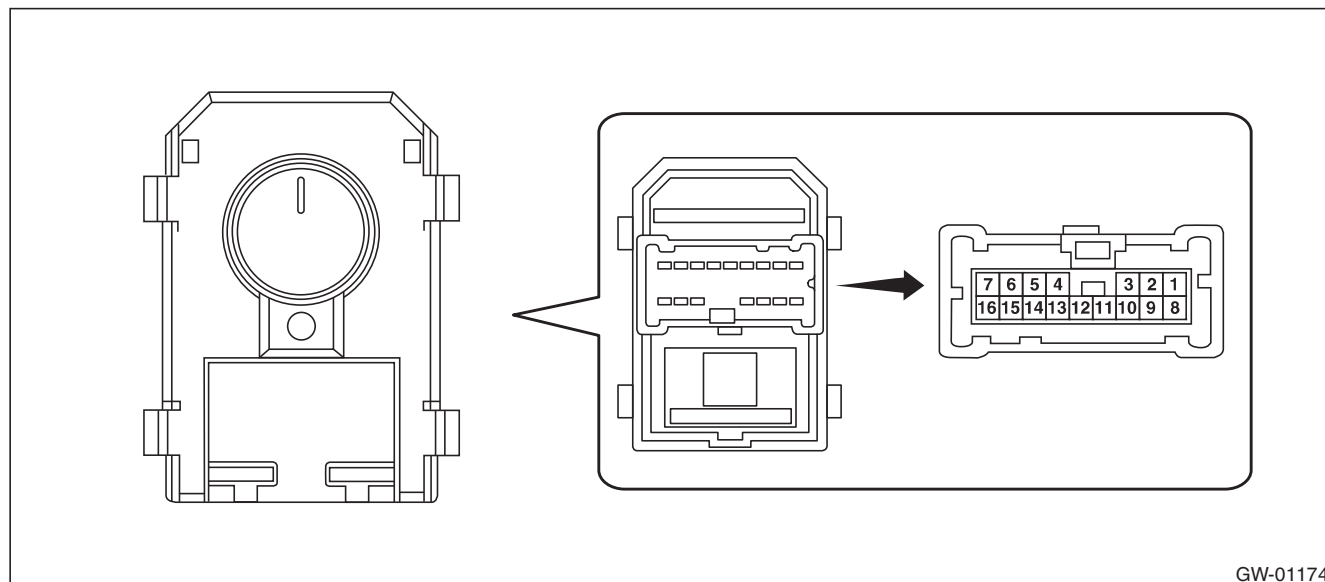
GLASS/WINDOWS/MIRRORS

C: INSPECTION

- 1) Disconnect the connector of the switch - door mirror.
- 2) Check the resistance between switch - door mirror terminals.

Preparation tool:

Circuit tester



GW-01174

• Changeover switch RH

Terminal No.	Inspection conditions	Standard
—	OFF	1 M Ω or more
1 — 12 9 — 7	UP	Less than 1 Ω
1 — 9 12 — 7	DOWN	Less than 1 Ω
1 — 11 12 — 7	LEFT	Less than 1 Ω
1 — 12 11 — 7	RIGHT	Less than 1 Ω

• Changeover switch LH

Terminal No.	Inspection conditions	Standard
—	OFF	1 M Ω or more
1 — 14 8 — 7	UP	Less than 1 Ω
1 — 8 14 — 7	DOWN	Less than 1 Ω
1 — 10 14 — 7	LEFT	Less than 1 Ω
1 — 14 10 — 7	RIGHT	Less than 1 Ω

- 3) If the inspection result is not within the standard, replace the switch - door mirror.

Rearview Mirror

GLASS/WINDOWS/MIRRORS

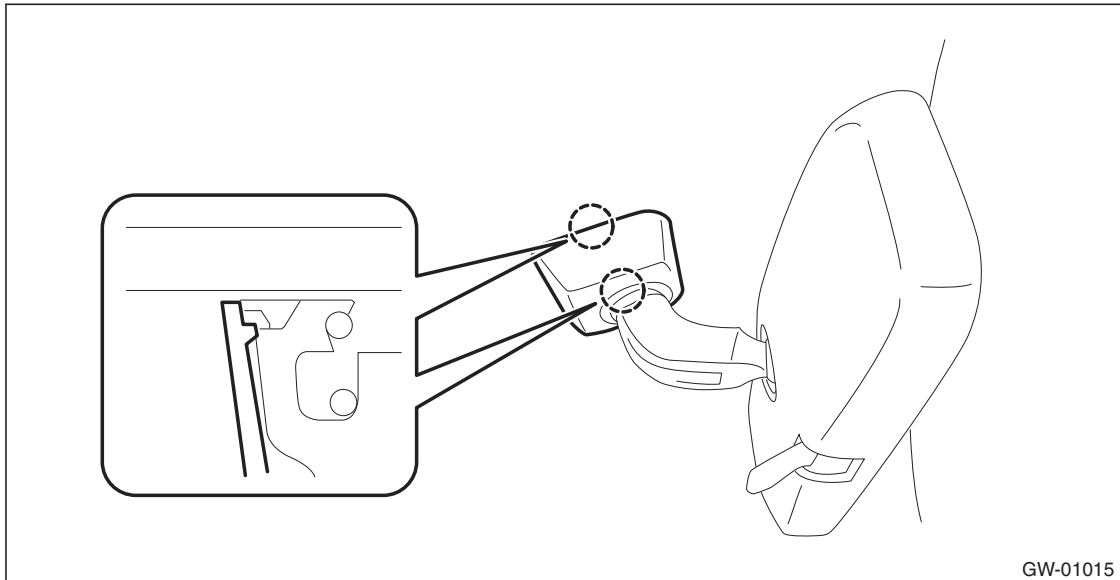
10.Rearview Mirror

A: REMOVAL

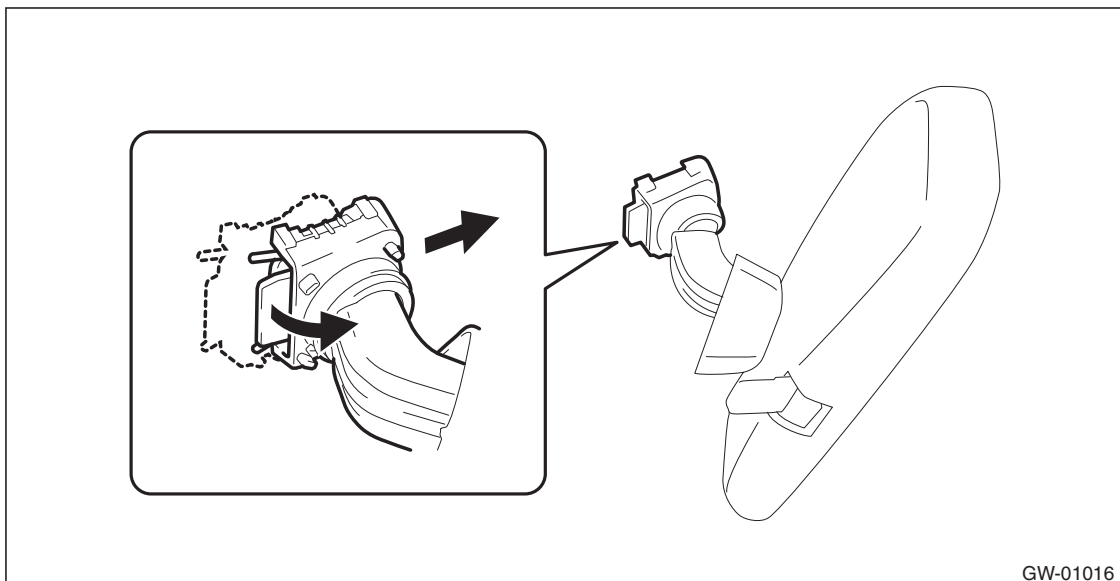
CAUTION:

Be careful not to damage the mirror surface and the glass - front window.

1) Release the claws, and then remove the cover.



2) Release the lock lever, and slide the mirror assembly - inner rearview to remove.



3) When the mirror mount is damaged, use something like piano wire or a spatula to remove.

B: INSTALLATION

Install each part in the reverse order of removal.

C: INSPECTION

Check the mirror and mirror mount for damage.

11.Rear Door Glass

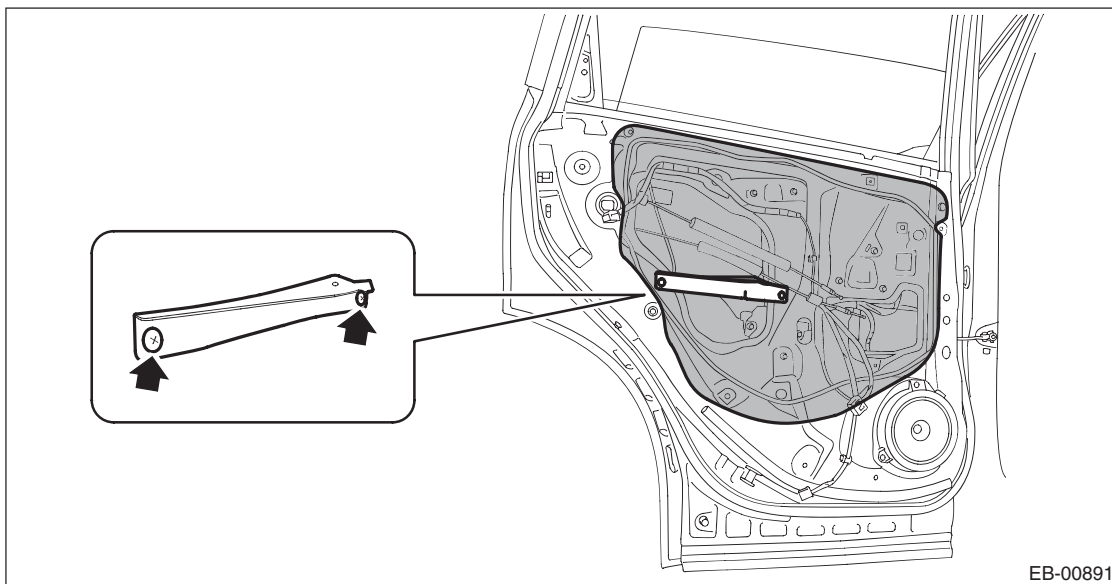
A: REMOVAL

- 1) Remove the trim panel - rear door. <Ref. to EI-56, REAR DOOR, REMOVAL, Door Trim.>
- 2) Remove the sealing cover - rear door.

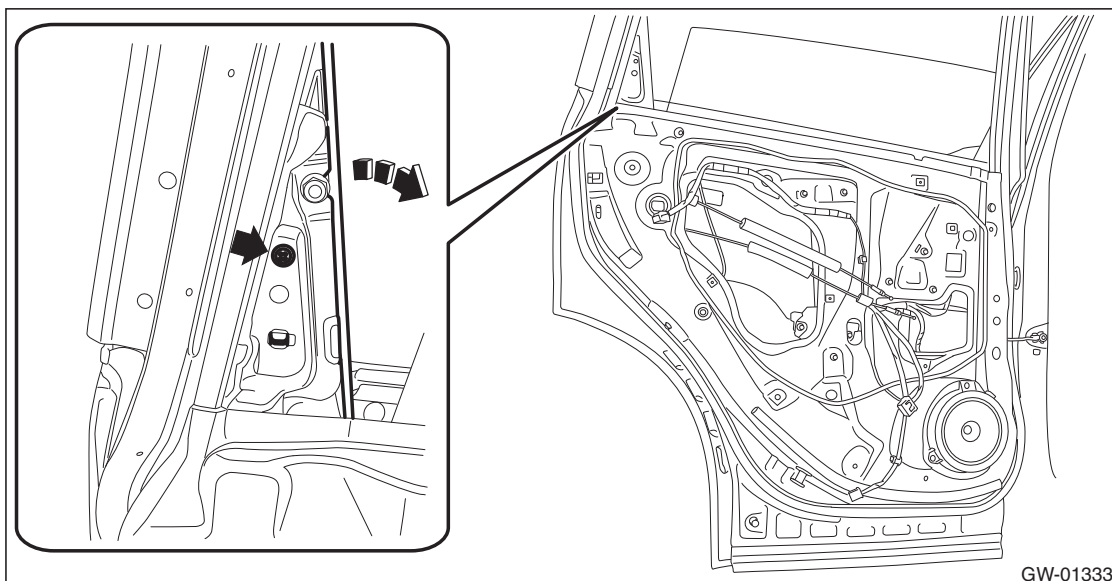
CAUTION:

- Carefully remove the butyl tape. Excessive force will easily break the sealing cover - rear door.
- If the sealing cover - rear door gets broken, replace it with a new part.
- Be careful not to allow the butyl tape to contact any trims and seats because the butyl tape, which has a strong adhesive force, is difficult to remove once it adhered.

- (1) Remove the screw to remove the bracket - door trim rear.
- (2) Carefully remove the butyl tape to remove the sealing cover - rear door.



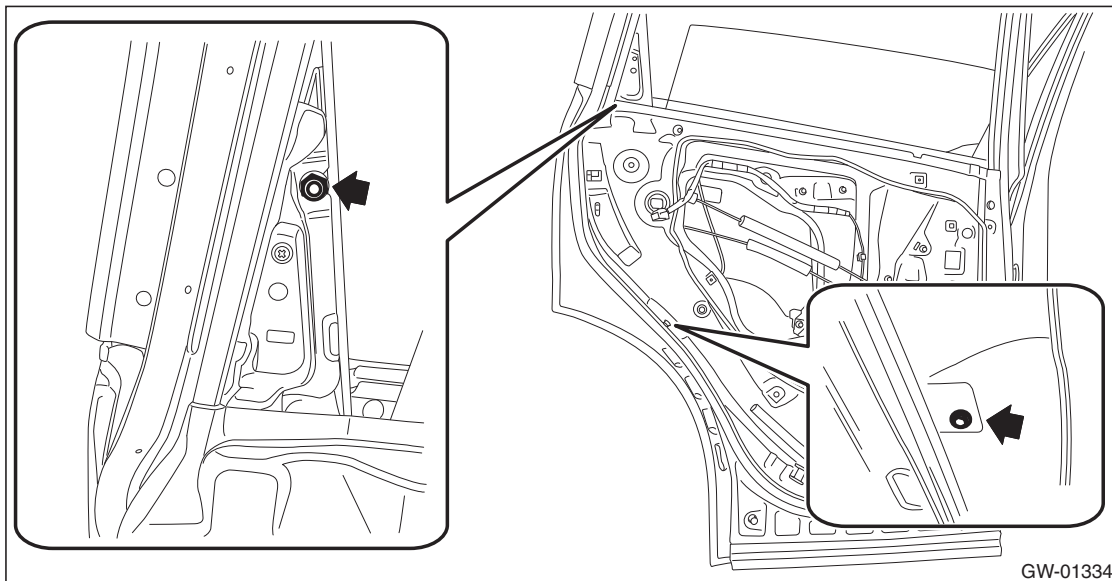
- 3) Attach the battery ground cable and the switch - power window, and turn the ignition to ON.
- 4) Remove the glass assembly - rear door.
 - (1) Operate the switch - power window sub rear to move the glass assembly - rear door to the position where the mounting bolts can be seen.
 - (2) Pull out the running channel - rear door.
 - (3) Remove the screws and remove the rear outer gusset cover.



Rear Door Glass

GLASS/WINDOWS/MIRRORS

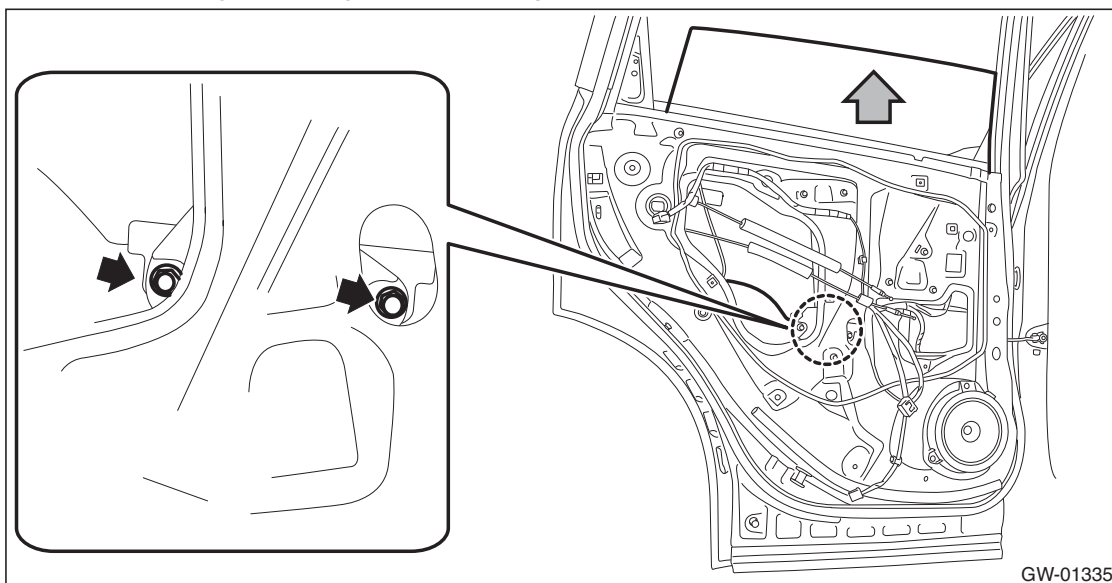
- (4) Remove the bolts and nuts, and remove the sash COMPL - lower.



- (5) Remove the bolts, and remove the glass assembly - rear door.

CAUTION:

Avoid impact and damage to the glass assembly - rear door.



B: INSTALLATION

CAUTION:

Check that the running channel - rear door is securely fixed to the panel assembly - rear door and to the sash COMPL - lower.

NOTE:

Applying parts cleaner, etc. to the sash section will contribute to smooth movement and help install the running channel - rear door.

Install each part in the reverse order of removal.

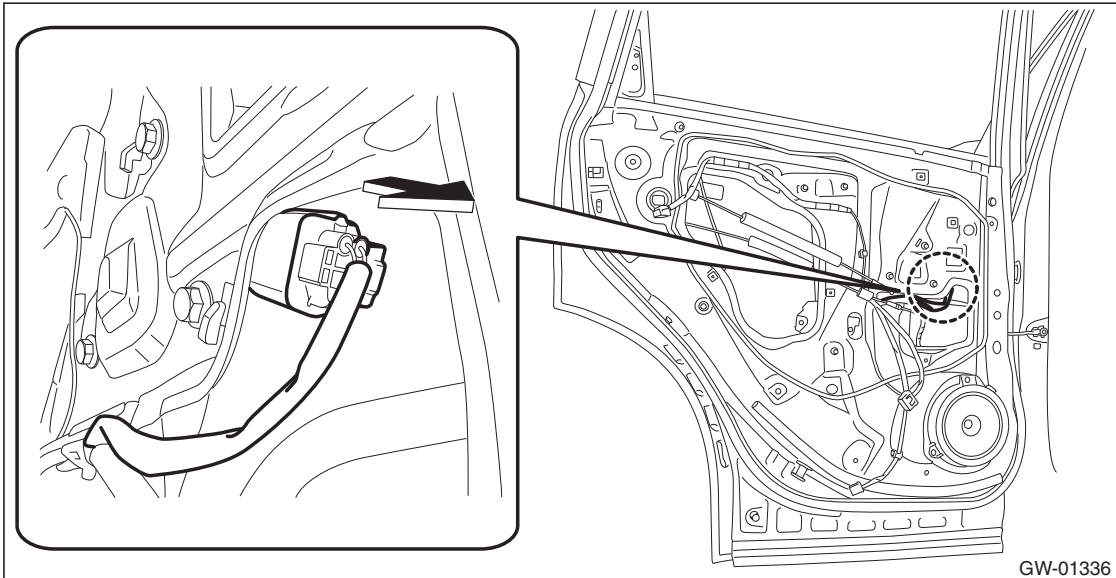
Tightening torque:

Refer to "COMPONENT" of "General Description". <Ref. to GW-4, REAR DOOR GLASS, COMPONENT, General Description.>

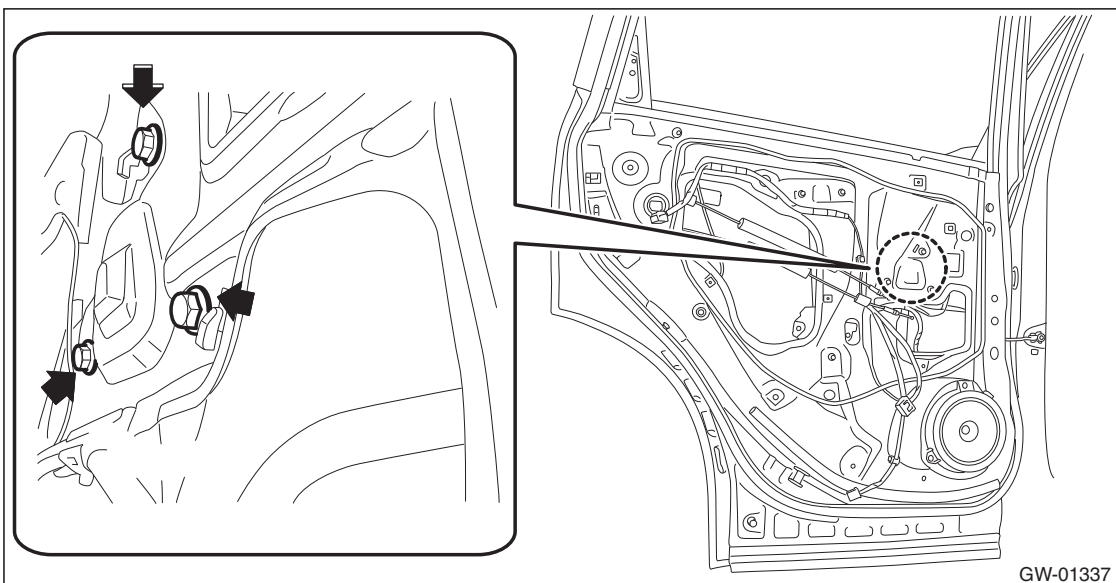
12.Rear Regulator and Motor Assembly

A: REMOVAL

- 1) Remove the glass assembly - rear door. <Ref. to GW-31, REMOVAL, Rear Door Glass.>
- 2) Remove the rear regulator and motor assembly.
 - (1) Disconnect the motor - rear connector.



- (2) Remove the bolts, and then remove the rear regulator and motor assembly.



B: INSTALLATION

Install each part in the reverse order of removal.

Tightening torque:

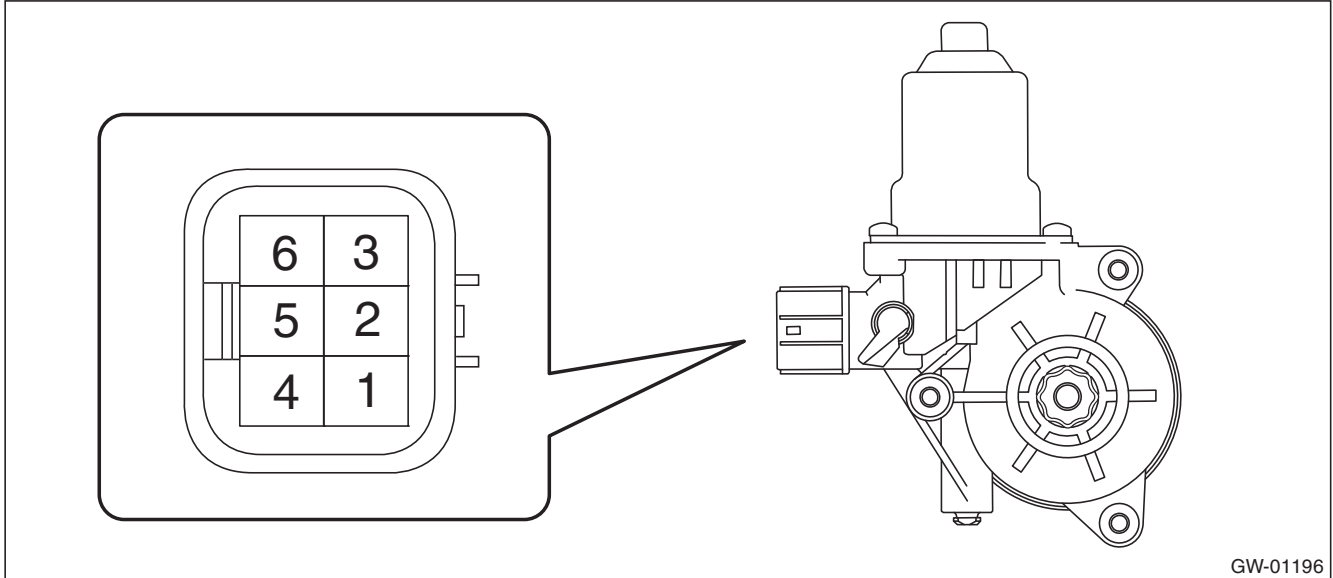
Refer to "COMPONENT" of "General Description". <Ref. to GW-4, REAR DOOR GLASS, COMPONENT, General Description.>

Rear Regulator and Motor Assembly

GLASS/WINDOWS/MIRRORS

C: INSPECTION

- 1) Disconnect the connector of the motor - rear.
- 2) Check the motor operation when battery voltage is applied between terminals of the motor - rear connector.



- LH side

Terminal No.	Inspection conditions	Standard
3 (+) — 6(—)	Apply battery voltage between terminals.	Increase
6 (+) — 3(—)	Apply battery voltage between terminals.	Decrease

- RH side

Terminal No.	Inspection conditions	Standard
1 (+) — 4(—)	Apply battery voltage between terminals.	Increase
4 (+) — 1(—)	Apply battery voltage between terminals.	Decrease

- 3) If it does not operate properly as a result of inspection, replace the regulator and motor assembly - rear.

13. Windshield Glass

A: REMOVAL

CAUTION:

- For model with EyeSight, if the windshield glass is installed after removal or replaced, always perform the "Inspection" and "Adjustment and check" of the stereo camera.

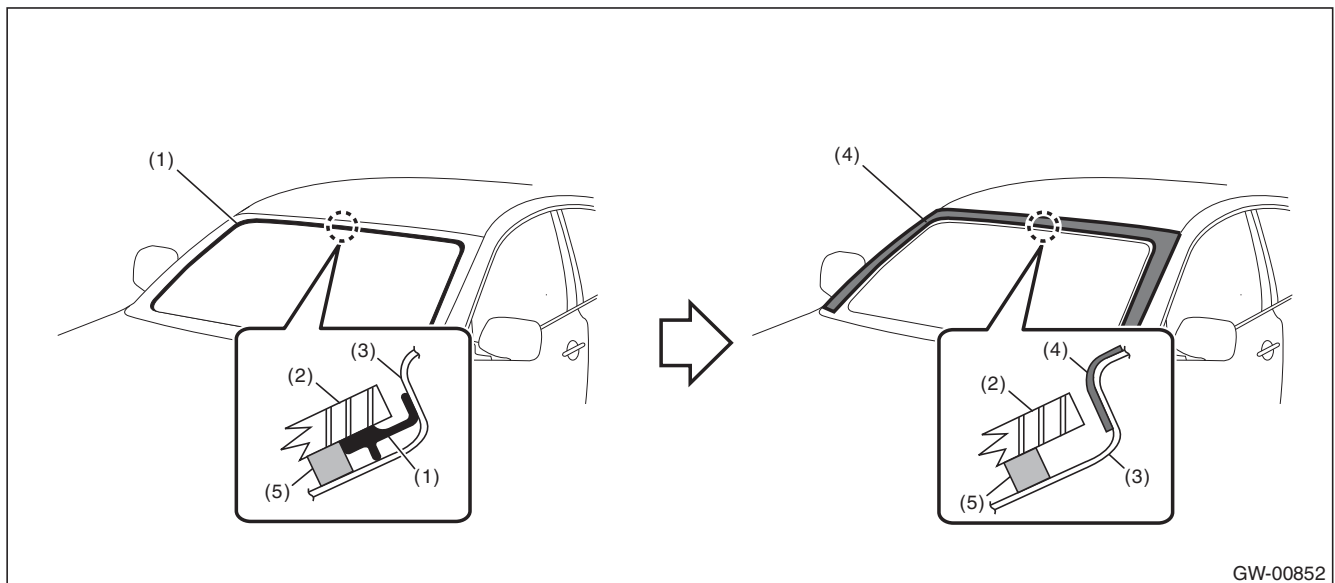
Inspection: <Ref. to ES(diag)-8, INSPECTION, General Description.>

Adjustment and check: <Ref. to ES(diag)-42, Camera Adjustment, Inspection.>

- For model with EyeSight, if the glass is damaged inside the glass repair prohibited area, always perform the glass replacement. Even if a scratch that occurs inside the prohibited area is repaired, this will affect the recognition of the stereo camera, which may cause the EyeSight function not to operate correctly.

1. USING WINDSHIELD GLASS KNIFE

- 1) Disconnect the ground cable from battery. (Models with wiper deicer)
- 2) Remove the trim panel - front pillar UPR. <Ref. to EI-97, REMOVAL, Upper Inner Trim.>
- 3) Remove the cowl panel assembly. <Ref. to EI-46, REMOVAL, Cowl Panel.>
- 4) Disconnect the wiper deicer connector. (Models with wiper deicer)
- 5) Remove the stereo camera cover and stereo camera. (Models with EyeSight) <Ref. to ES-11, REMOVAL, Stereo Camera.>
- 6) Remove the molding - front window from the glass - front window, and attach protective tape on the body side of the circumference of the glass - front window.



- (1) Molding - front window
(2) Glass - front window

- (3) Body panel
(4) Protective tape

- (5) Adhesive

Windshield Glass

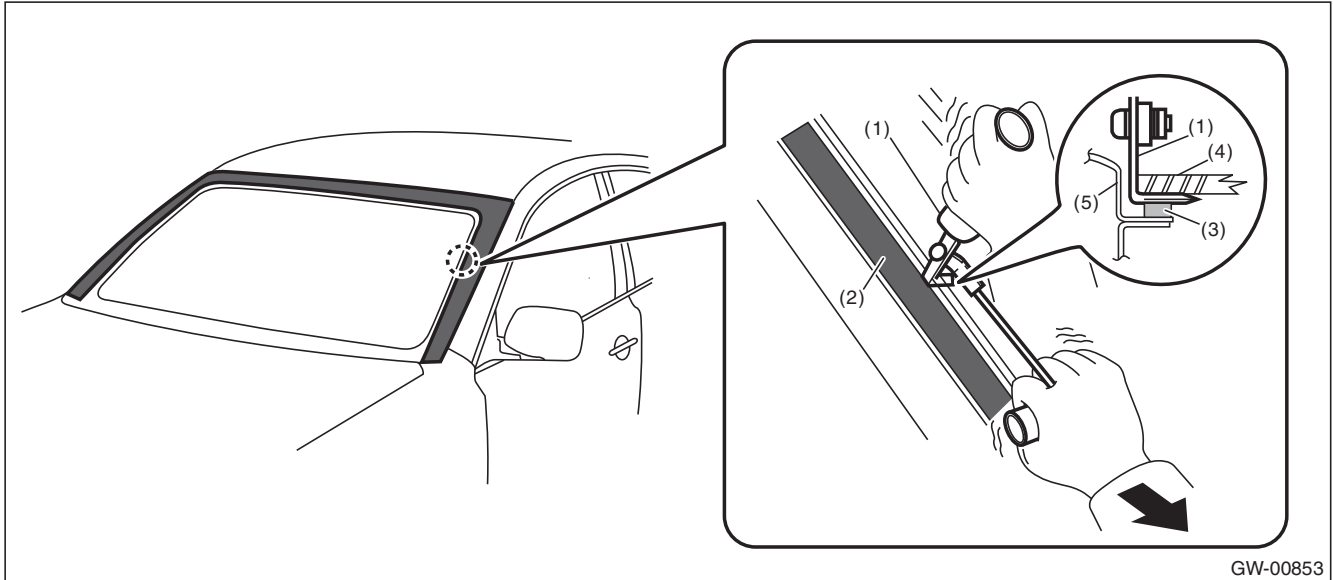
GLASS/WINDOWS/MIRRORS

7) Remove the glass - front window.

- (1) Apply sufficient amount of soapy water to the adhesive part and insert the windshield glass knife.
- (2) While holding the edges of the knife and the glass - front window at a right angle, move the windshield glass knife parallel to the edge of the glass - front window, and cut the adhesive along the surface and the edge of the glass - front window.

CAUTION:

- Cutting of adhesive part should be started from an area with wider gap between the glass - front window and the body.
- Never twist the windshield glass knife.



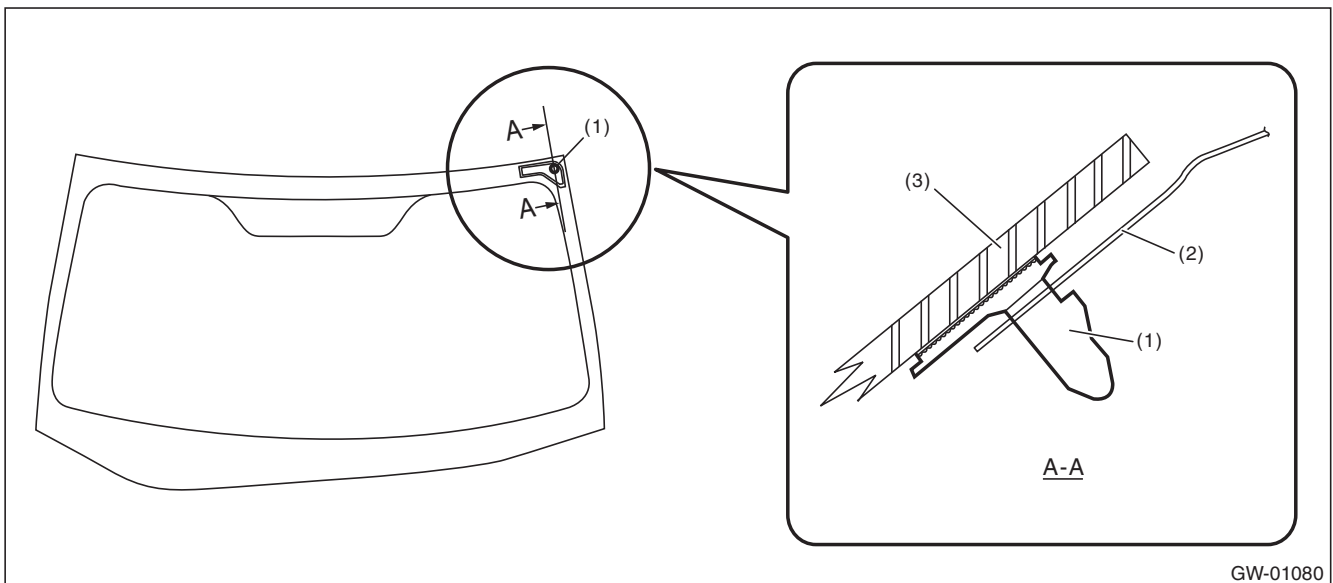
GW-00853

- | | | |
|----------------------------|--------------------------|----------------|
| (1) Windshield glass knife | (3) Adhesive | (5) Body panel |
| (2) Protective tape | (4) Glass - front window | |

- (3) Disconnect the locating pin - front window, and remove the glass - front window.

NOTE:

The locating pin - front window are bonded to the corners of the glass - front window. Use piano wire to disconnect the pins.



GW-01080

- | | | |
|---------------------------------|----------------|--------------------------|
| (1) Locating pin - front window | (2) Body panel | (3) Glass - front window |
|---------------------------------|----------------|--------------------------|

Windshield Glass

GLASS/WINDOWS/MIRRORS

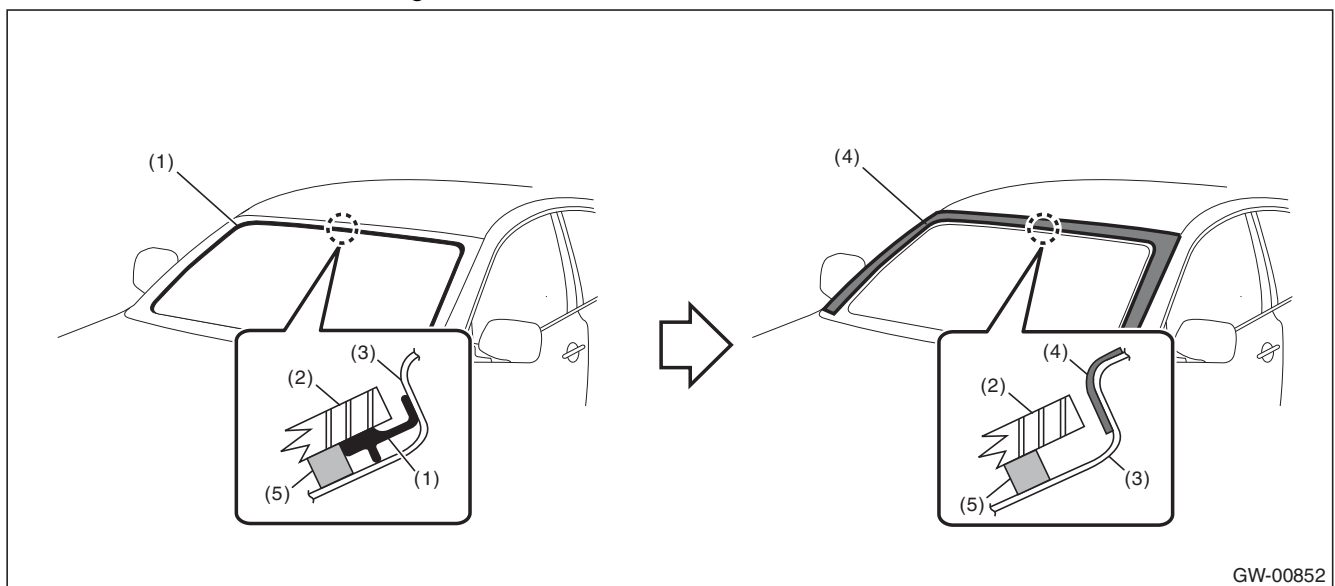
2. USING PIANO WIRE

CAUTION:

- Do not tightly pull the piano wire against the glass - front window edge.
- Apply protective tape, etc, and be careful that the inner and outer components of the vehicle are not damaged.

- Do not cross piano wires. Otherwise they may be cut.

- 1) Disconnect the ground cable from battery. (Models with wiper deicer)
- 2) Remove the trim panel - front pillar UPR. <Ref. to EI-97, REMOVAL, Upper Inner Trim.>
- 3) Remove the cowl panel assembly. <Ref. to EI-46, REMOVAL, Cowl Panel.>
- 4) Disconnect the wiper deicer connector. (Models with wiper deicer)
- 5) Remove the stereo camera cover and stereo camera. (Models with EyeSight) <Ref. to ES-11, REMOVAL, Stereo Camera.>
- 6) Remove the molding - front window from the glass - front window, and attach protective tape on the body side of the circumference of the glass - front window.



- (1) Molding - front window
(2) Glass - front window

- (3) Body panel
(4) Protective tape

- (5) Adhesive

Windshield Glass

GLASS/WINDOWS/MIRRORS

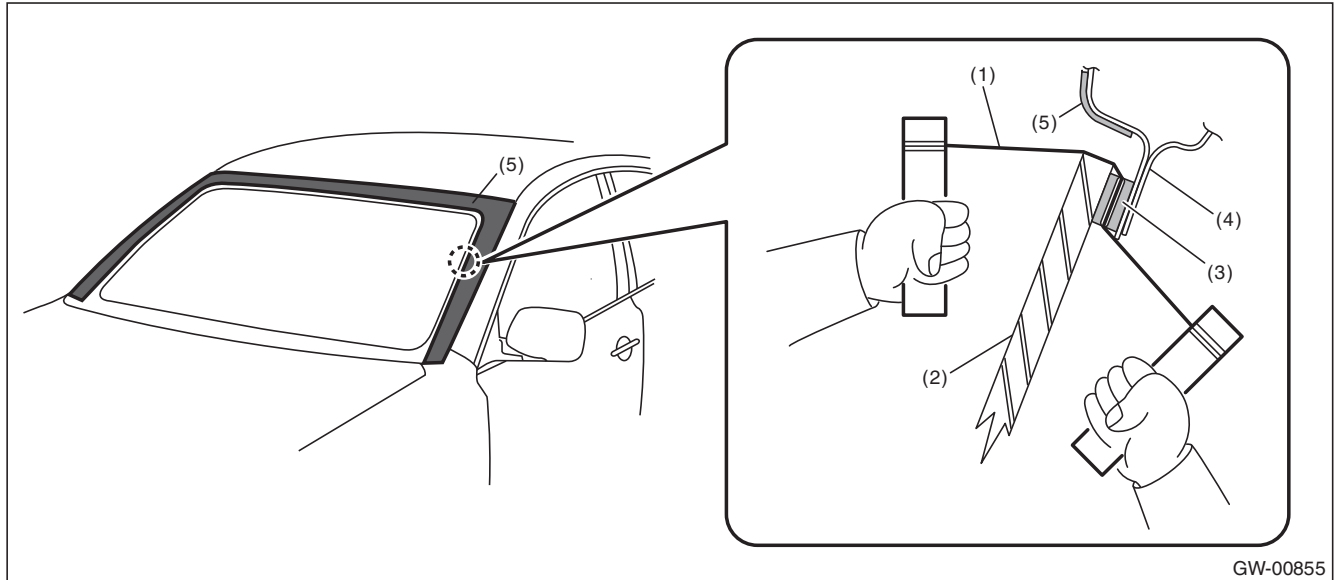
7) Remove the glass - front window.

(1) Using a drill, make a hole in the adhesive part.

(2) Pass the piano wire through the hole, and pull the wire ends alternately to cut off the adhesive part and the locating pin - front window.

CAUTION:

Attach a piece of wood to both piano wire ends.



(1) Piano wire
(2) Glass - front window

(3) Adhesive
(4) Body panel

(5) Protective tape

B: INSTALLATION

CAUTION:

- For model with EyeSight, if the windshield glass is installed after removal or replaced, always perform the "Inspection" and "Adjustment and check" of the stereo camera.

Inspection: <Ref. to ES(diag)-8, INSPECTION, General Description.>

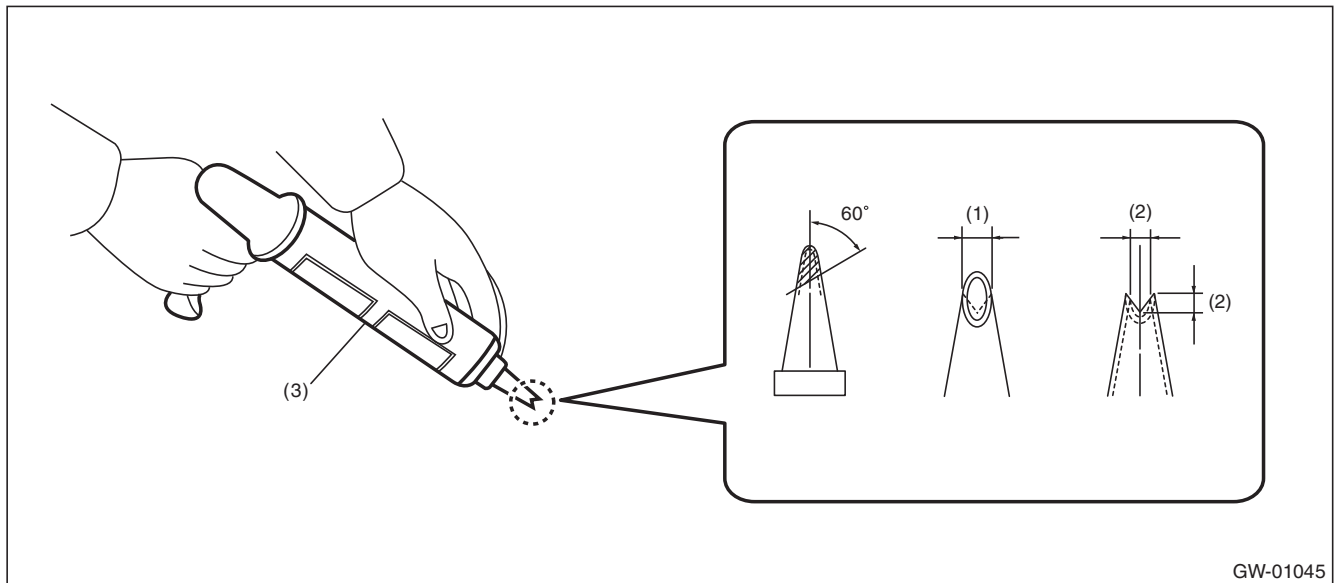
Adjustment and check: <Ref. to ES(diag)-42, Camera Adjustment, Inspection.>

- For model with EyeSight, if the glass is damaged inside the glass repair prohibited area, always perform the glass replacement. Even if a scratch that occurs inside the prohibited area is repaired, this will affect the recognition of the stereo camera, which may cause the EyeSight function not to operate correctly.

Windshield Glass

GLASS/WINDOWS/MIRRORS

1) Fabricate the cartridge nozzle tip as shown and set the sealant gun with the adhesive.



GW-01045

(1) 10 mm (0.39 in)

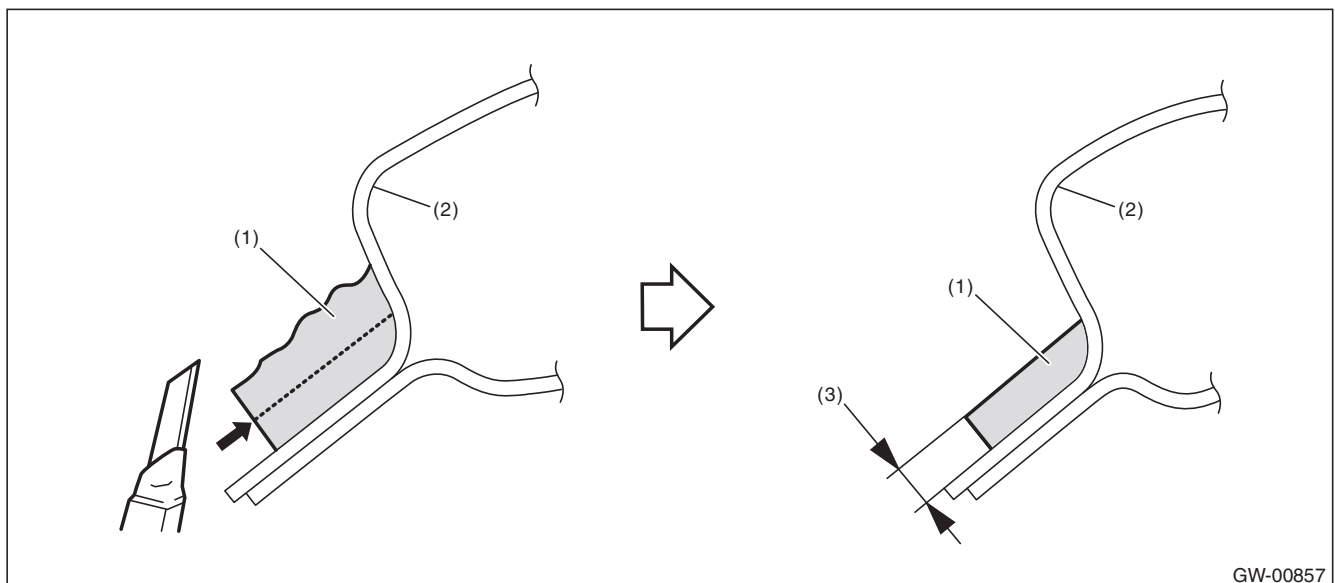
(2) 8 mm (0.31 in)

(3) Sealant gun

2) Remove the adhesive layer on the body using cutter knife to obtain smooth face of 2 mm (0.08 in) thick.

CAUTION:

- Be careful not to damage the body and paint surface.
- Be sure to keep some of old adhesive.



GW-00857

(1) Adhesive

(2) Body panel

(3) 2 mm (0.08 in)

3) Clean the glass - front window and the body with appropriate cleaning solvent to completely eliminate cutting powder, dust and dirt.

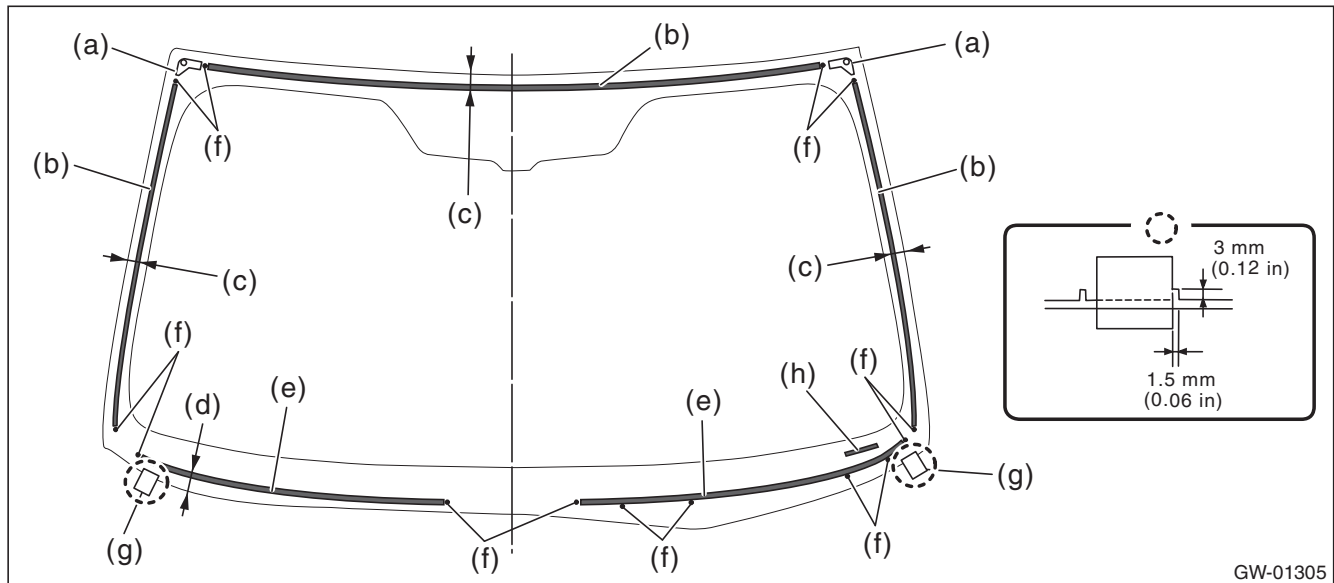
Windshield Glass

GLASS/WINDOWS/MIRRORS

4) Attach the dam rubber - front to the glass - front window.

NOTE:

Adhere the dam rubber along with the ceramic print.



GW-01305

- (a) Locating pin - front window
- (b) Dam rubber - front upper
- (c) 16 mm (0.63 in)

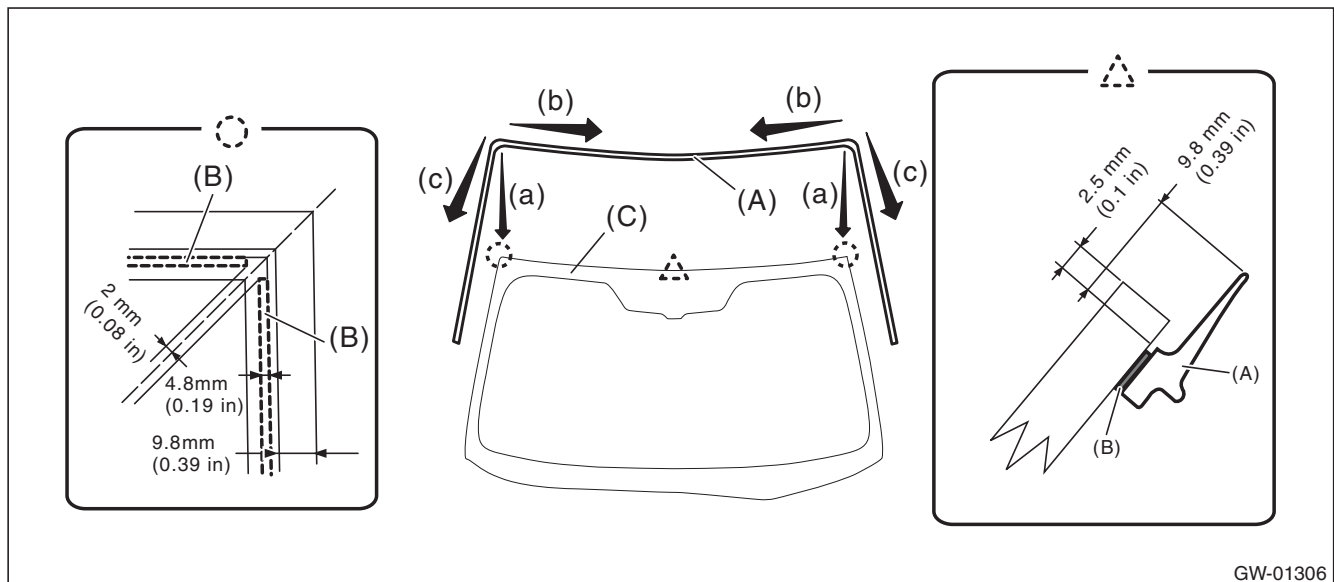
- (d) 14.1 mm (0.56 in)
- (e) Dam rubber - front lower
- (f) Ceramic print

- (g) Seal - lower
- (h) Seal - lower VIN

5) Attach the molding - front window to the glass - front window.

CAUTION:

Be careful to attach the molding - front window so that the molding has no loose or undulating part.



GW-01306

- (1) Align the molding - front window (A) to the upper ends (a) of the glass - front window (C).
- (2) Install the molding - front window from both corners of the upper edge toward the center (b).
- (3) Install the molding - front window from both corners of the upper edge toward the lower side (c).
- (4) Firmly apply the double sided tape (B) of the molding - front window evenly to the surface of the glass - front window.

Windshield Glass

GLASS/WINDOWS/MIRRORS

6) Install the glass - front window.

(1) Apply the primer to the adhesive surface of glass - front window side and body side using sponge.

Glass primer:

Dow Automotive's

ESSEX U-401, U-402 or equivalent

Painted surface primer:

Dow Automotive's

ESSEX U-413 or equivalent

NOTE:

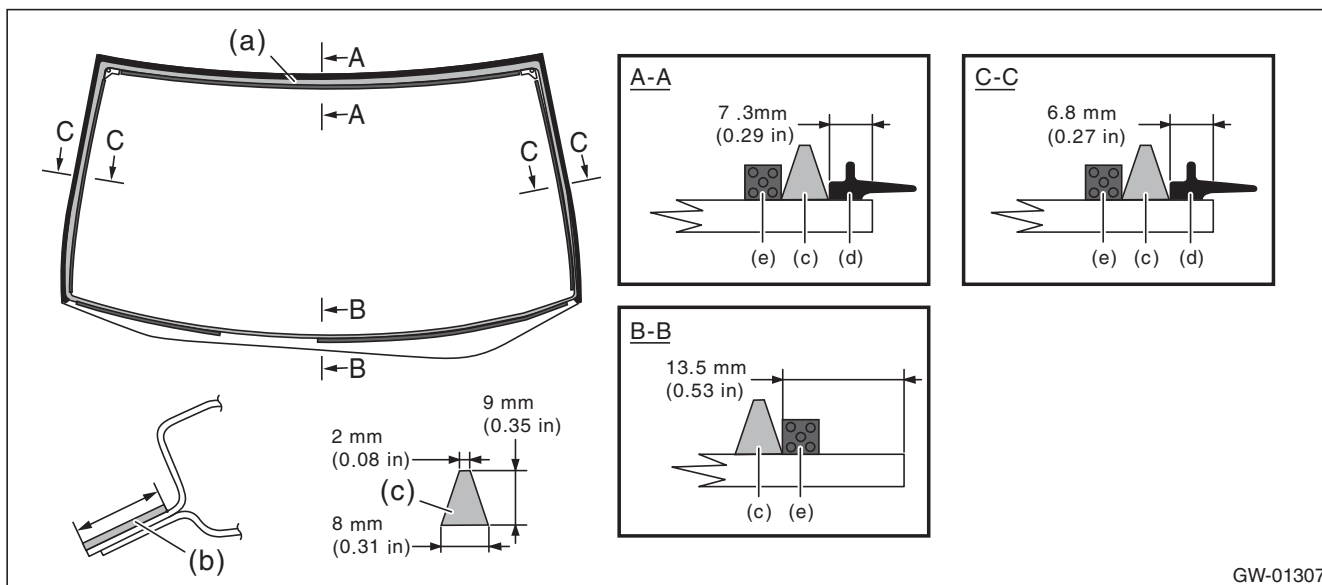
- Primer once attached to the painted surface of the body and internal trim is hard to wipe off. Mask the circumference of such area.
- Let primer dry for about ten minutes before installing the glass - front window.
- Do not touch the surface coated with primer.

(2) Apply adhesive to the end back surface of the glass - front window.

Adhesive:

Dow Automotive's

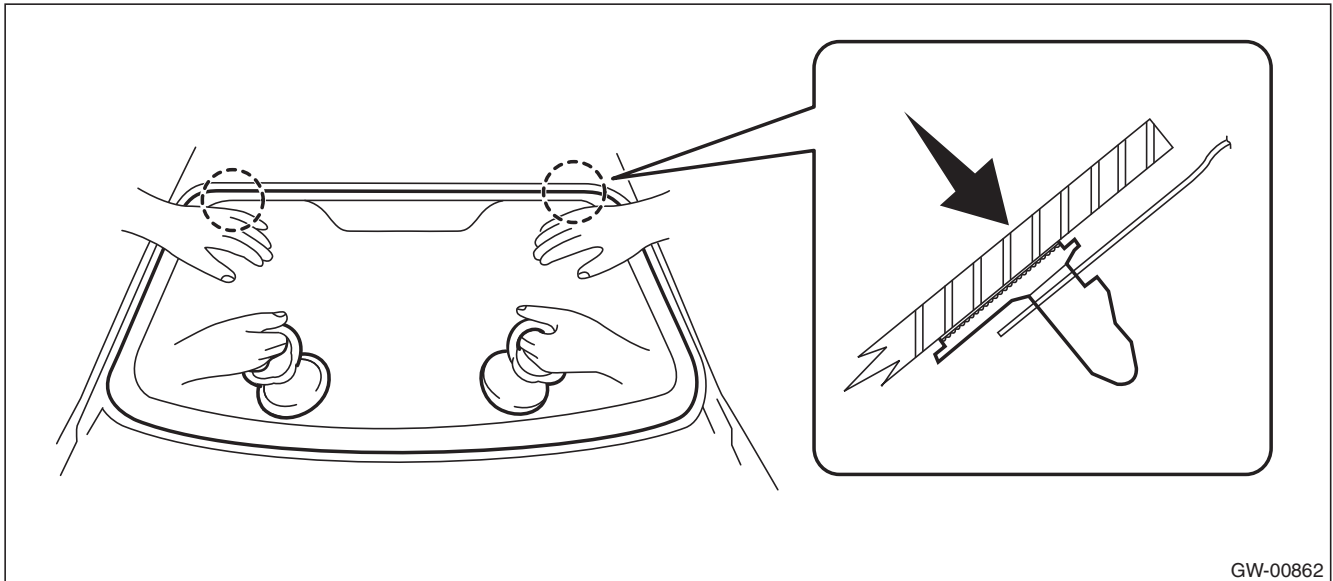
ESSEX U-400HV or equivalent



Windshield Glass

GLASS/WINDOWS/MIRRORS

- (3) Fit the locating pins - front window to the vehicle body using suction rubber cups to install the windshield glass.



GW-00862

- (4) Lightly press the entire perimeter of the glass - front window for tight fit.

- (5) Make flush the adhesive surface jugged out using spatula.

- 7) After completion of all work, allow the vehicle to stand for about 24 hours.

NOTE:

- When opening/closing the door after the glass - front window was bonded, always lower the glass assembly - door first, and then open/close it carefully.
- Move the vehicle slowly.
- For minimum drying time and vehicle standing time before driving after bonding, follow instructions or instruction manual from the adhesive manufacturer.

- 8) Connect the wiper deicer connector. (Models with wiper deicer)

- 9) Install the cowl panel assembly. <Ref. to EI-47, INSTALLATION, Cowl Panel.>

- 10) Install the stereo camera cover and stereo camera. (Models with EyeSight) <Ref. to ES-15, INSTALLATION, Stereo Camera.>

- 11) Install the trim panel - front pillar UPR. <Ref. to EI-101, INSTALLATION, Upper Inner Trim.>

- 12) Connect the battery ground terminal. (Models with wiper deicer)

- 13) After curing of adhesive, pour the water on external surface of vehicle to check that there are no water leaks.

NOTE:

When a vehicle is returned to the user, tell him or her that the vehicle should not be subjected to heavy impact for at least three days.

14.Rear Gate Glass

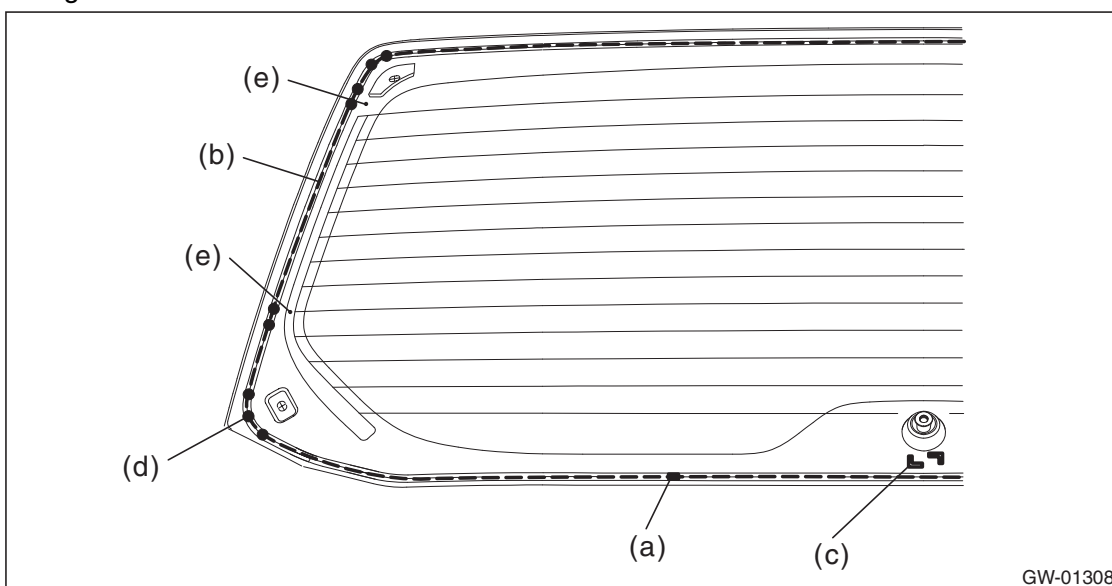
A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the trim panel - rear gate and the motor assembly - rear wiper. <Ref. to WW-42, REMOVAL, Rear Wiper Motor.>
- 3) Disconnect the rear defogger connector.
- 4) Remove the glass - rear gate in the same procedure as for the glass - front window. <Ref. to GW-35, REMOVAL, Windshield Glass.>

B: INSTALLATION

NOTE:

Use the markings on the glass to apply adhesive and primer, and to install the dam rubber - rear gate and the spacer - rear gate.

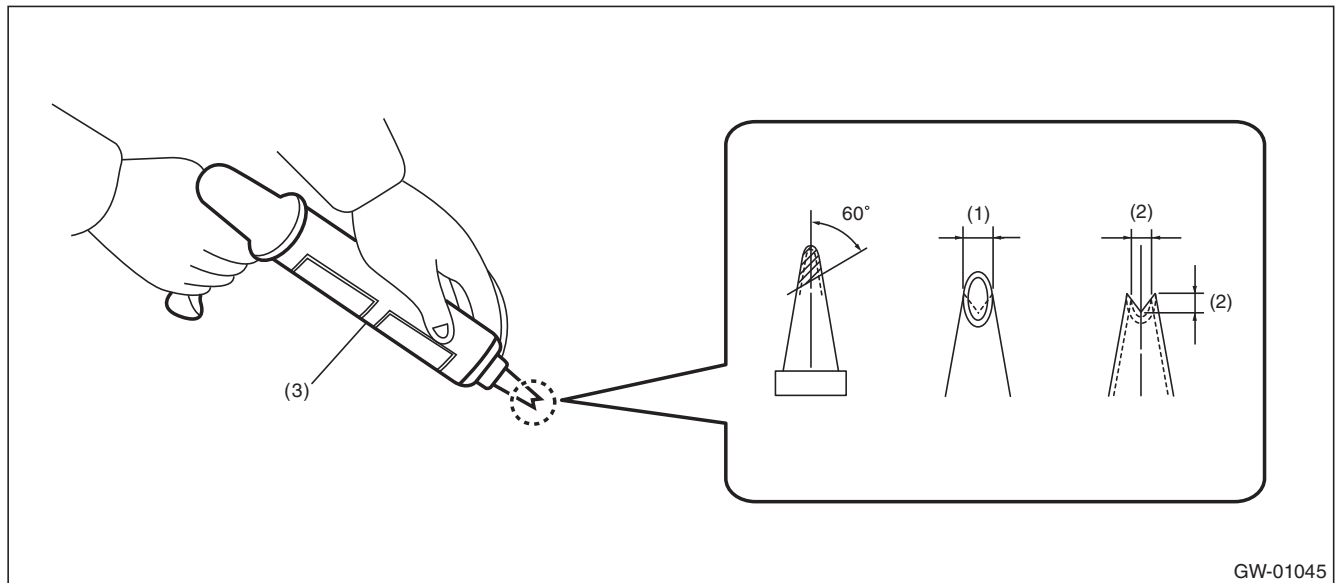


- | | | |
|---|---|---|
| (a) Marking for dam rubber - rear gate application (Ag print) | (c) Marking for spacer - rear gate application (Ag print) | (e) Marking for dam rubber - rear gate set application (ceramic through hole) |
| (b) Center line for adhesive | (d) Marking for primer application | |

Rear Gate Glass

GLASS/WINDOWS/MIRRORS

1) Fabricate the cartridge nozzle tip as shown and set the sealant gun with the adhesive.



GW-01045

(1) 10 mm (0.39 in)

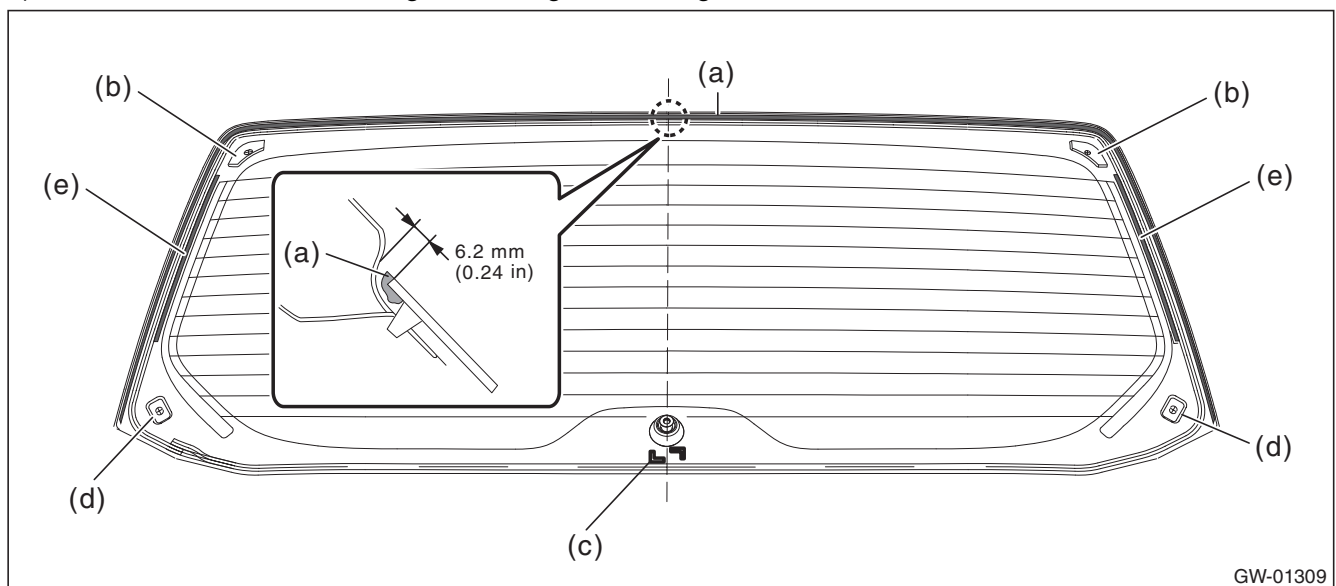
(2) 8 mm (0.31 in)

(3) Sealant gun

2) Smoothen and clean the adhesive surfaces of the glass - rear gate and body using the same procedures as for the glass - front window. <Ref. to GW-38, INSTALLATION, Windshield Glass.>

3) Attach the rubber - rear gate to the glass - rear gate.

4) Attach the dam rubber - rear gate to the glass - rear gate.



GW-01309

(a) Rubber - rear gate

(c) Spacer - rear gate

(e) Dam rubber - rear gate

(b) Locating pin - rear gate

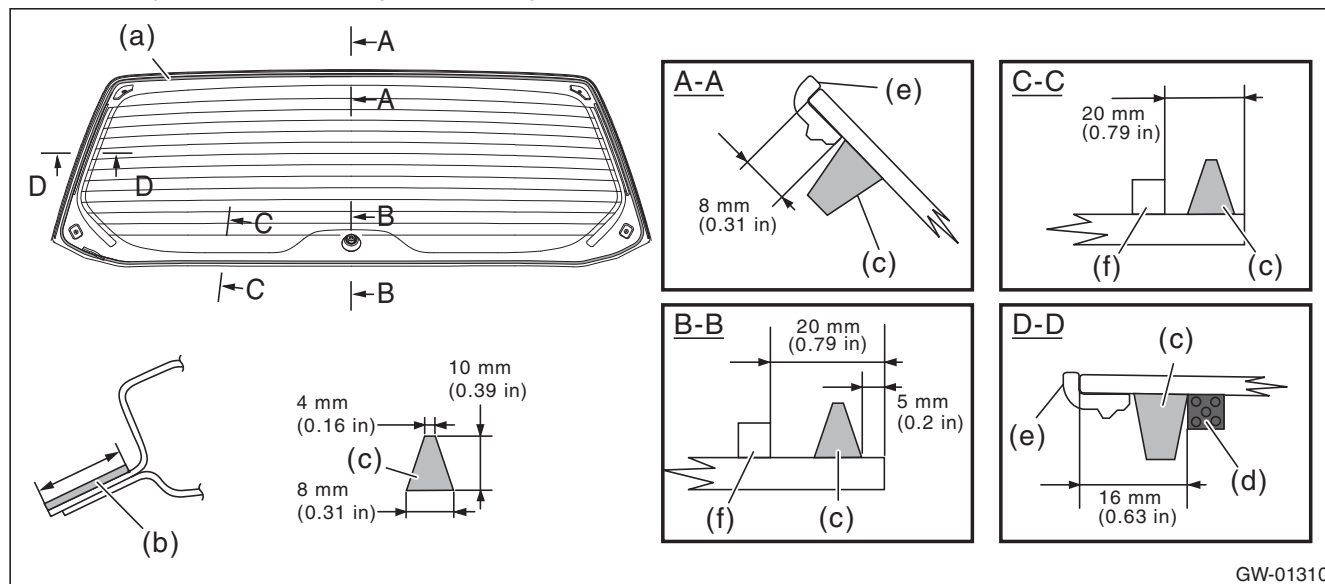
(d) Fastener - rear gate

Rear Gate Glass

GLASS/WINDOWS/MIRRORS

5) Install the glass - rear gate.

- (1) Apply the primer to the adhesive surface of glass - rear gate side and body side using sponge.
- (2) Apply adhesive to the glass - rear gate end back surface.



GW-01310

- | | | |
|--|----------------------------|------------------------|
| (a) Application of primer (glass side) | (c) Adhesive | (e) Rubber - rear gate |
| (b) Application of primer (body side) | (d) Dam rubber - rear gate | (f) Spacer - rear gate |

(3) Attach the dam rubber - rear gate to the glass - rear gate.

(4) Insert the locating pins - rear gate into the rear gate panel holes, and install the fastener - rear gate to the fastener on the body side, and then install the glass - rear gate.

(5) Lightly press the entire perimeter of the glass - rear gate for tight fit.

(6) Make flush the adhesive surface juttred out using spatula.

6) After completion of all work, allow the vehicle to stand for about 24 hours.

NOTE:

- When opening/closing the door after the glass - rear gate was bonded, always lower the glass assembly - door first, and then open/close it carefully.
- Move the vehicle slowly.
- For minimum drying time and vehicle standing time before driving after bonding, follow instructions or instruction manual from the adhesive manufacturer.

7) Connect the rear defogger connector.

8) Install the motor assembly - rear wiper and the arm assembly - rear wiper.

Tightening torque:

Motor assembly - rear wiper and arm assembly - rear wiper: <Ref. to WW-4, REAR WIPER, COMPONENT, General Description.>

9) Install the trim panel - rear gate. <Ref. to EI-123, INSTALLATION, Rear Gate Trim.>

10) After curing of adhesive, pour the water on external surface of vehicle to check that there are no water leaks.

NOTE:

When a vehicle is returned to the user, tell him or her that the vehicle should not be subjected to heavy impact for at least three days.

Rear Window Defogger System

GLASS/WINDOWS/MIRRORS

15. Rear Window Defogger System

A: WIRING DIAGRAM

Refer to "Rear Defogger System" in the wiring diagram. <Ref. to WI-351, WIRING DIAGRAM, Rear Defogger System.>

B: INSPECTION

1. CHECK SYSTEM

Symptoms	Inspection order
Rear window defogger does not operate.	1. Check the fuse. 2. Check the rear defogger relay. 3. Check the rear window defogger switch. 4. Check the heat wire. 5. Check the wiring harness. 6. Check body integrated unit.

NOTE:

Rear window defogger system can be customized using the Subaru Select Monitor, when the customize setting {Auto A/C ECU Setting} of the body integrated unit is set to {support}.

System name	Initial setting	Customize setting
Rear defogger operation mode	OFF after 15 min.	Repeat 15 min. operation and 2 min. stop.

2. CHECK WITH SUBARU SELECT MONITOR

CAUTION:

Check whether the Rr Defogger op. mode setting is in initial setting or customize setting before performing inspection.

- 1) Check the input signal when the rear window defogger switch is operated using Subaru Select Monitor.
 - (1) Prepare the Subaru Select Monitor. <Ref. to GW-6, PREPARATION TOOL, General Description.>
 - (2) Turn the ignition switch to ON (engine OFF) and run the "PC application for Subaru Select Monitor".
 - (3) On «System Selection Menu» display, select {Integ. unit mode}.
 - (4) Select {Auto A/C ECU Setting} from Current Data Display & Save.
 - (5) Check the vehicle equipment and the settings of body integrated unit.
 - Model with manual A/C: Without auto A/C ECM setting
 - Model with auto A/C: With auto A/C ECM setting
 - If correct, go to (6).
 - If not correct, go to (8).
 - (6) Select the {Rr Defogger output} on {Current Data Display & Save}.
 - (7) Check the displayed data (ON/OFF) by operating the rear window defogger switch.
 - (8) On the system selection menu display, select the body integrated unit mode. Select customize from work support, then select {Auto A/C ECU Setting}. Match the auto A/C ECM setting to the actual vehicle equipment.
- 2) Check the operation with rear window defogger switch ON.
 - When customize setting is set as "Continuous", it is normal if the 15-minute operation and 2-minute stop repeats.
 - When customize setting is "Normal", it is normal if the operation lasts for 15 minutes and then turns OFF.
- 3) When the operation in 2) above fails, replace the body integrated unit.

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3. HEAT WIRE INSPECTION

CAUTION:

Use a dry soft cloth to wipe off dirt on the glass along the heat wires with care not to damage the heat wires.

1) Prepare the following checking items.

- Liquid crystal thermograph sheet (Approximate Size: 300 × 300 mm (11.8 × 11.8 in) and thermal temperature: 35 — 40°C (95 — 104°F))

- Aluminum foil

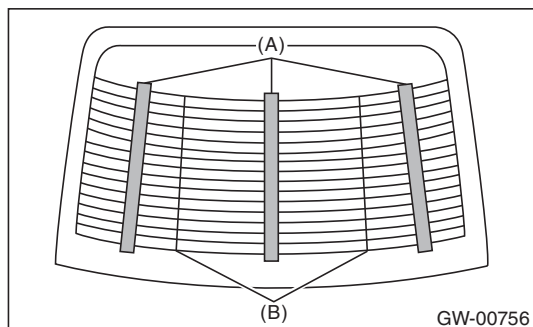
2) Turn the ignition switch to ON.

3) Turn the defogger switch to ON.

4) Push the liquid crystal thermograph sheet from the outside of the glass - rear window.

NOTE:

Use the liquid crystal thermograph sheet every range it is separated with the separate line.



(A) Liquid crystal thermograph sheet

(B) Separate line

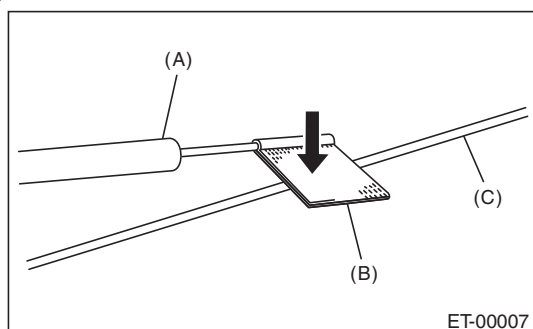
5) Determine the faulty heat wire by checking the color of the liquid crystal thermograph sheet.

Liquid crystal thermograph sheet	Criteria
Change occurred (red → blue)	Normal
No change (black)	Open

NOTE:

- Check from the inside of the glass - rear window if the liquid crystal thermograph sheet does not change.
- The time for the color change may differ depends on the surface temperature of the glass.

6) Wrap a piece of aluminum foil around the tip of tester probe and press it against the heat wire with your finger.



(A) Tester probe

(B) Aluminum foil

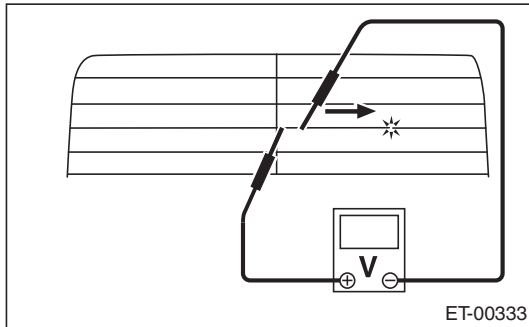
(C) Heat wire

7) To both ends of the section that has been found to include an open in the step 5), apply the tester positive (+) probe and the negative (-) probe.

Rear Window Defogger System

GLASS/WINDOWS/MIRRORS

8) Move the tester probe on the negative (–) side slowly along the heat wire. If voltage changes from zero while moving the tester probe, heat wire is open at the voltage change point.



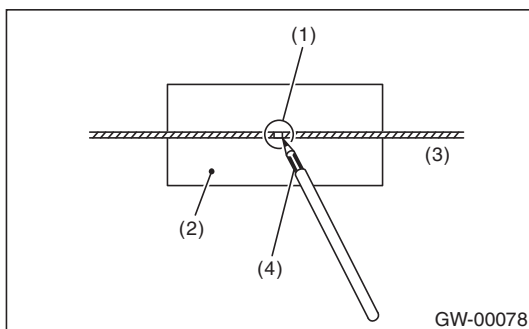
9) Repair the heat wire that determines the place of the open circuit. <Ref. to GW-48, REPAIR, Rear Window Defogger System.>

C: REPAIR

- 1) Clean the broken portion with alcohol or appropriate cleaning solvent.
- 2) Mask both side of wire with masking tape.
- 3) Apply the conductive silver composition to the broken portion.

Conductive silver composition:

**By Permatex
QUICK GRID**



- (1) Broken portion
- (2) Masking tape
- (3) Broken wire
- (4) Conductive silver composition

- 4) Dry using a dryer after applying the composition.
- 5) After repair, check the wire.

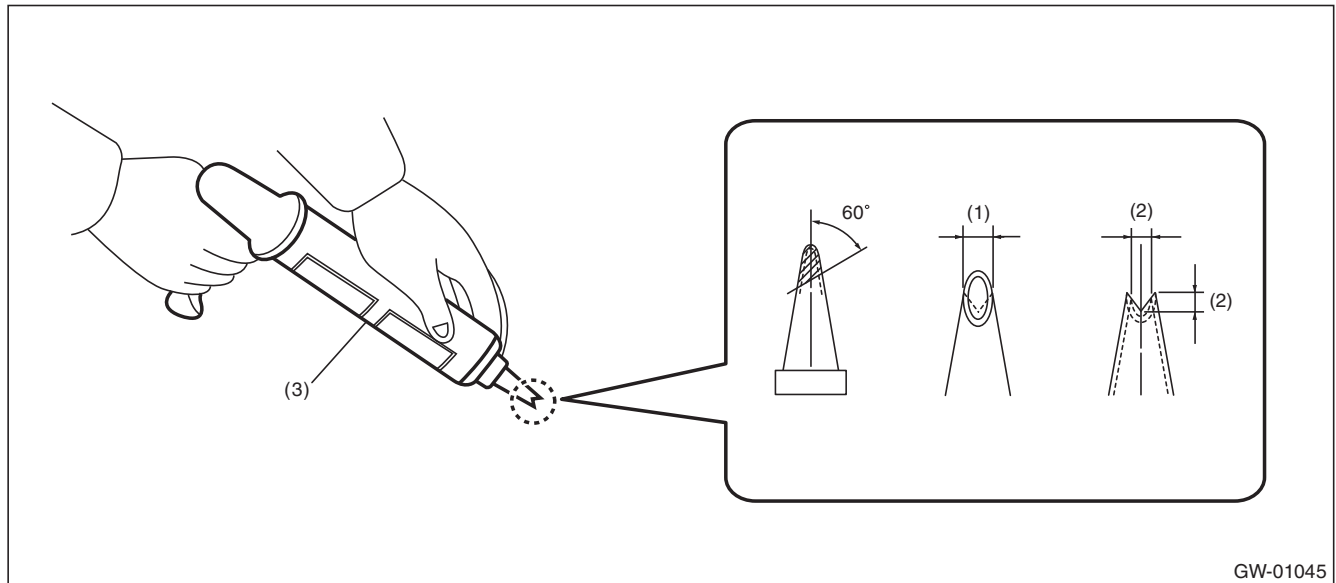
16.Rear Quarter Glass

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the trim panel - rear pillar UPR. <Ref. to EI-102, REMOVAL, Rear Quarter Trim.>
- 3) Remove the glass - rear quarter in the same procedure as for the glass - front window. <Ref. to GW-35, REMOVAL, Windshield Glass.>

B: INSTALLATION

- 1) Fabricate the cartridge nozzle tip as shown and set the sealant gun with the adhesive.



(1) 10 mm (0.39 in)

(2) 8 mm (0.31 in)

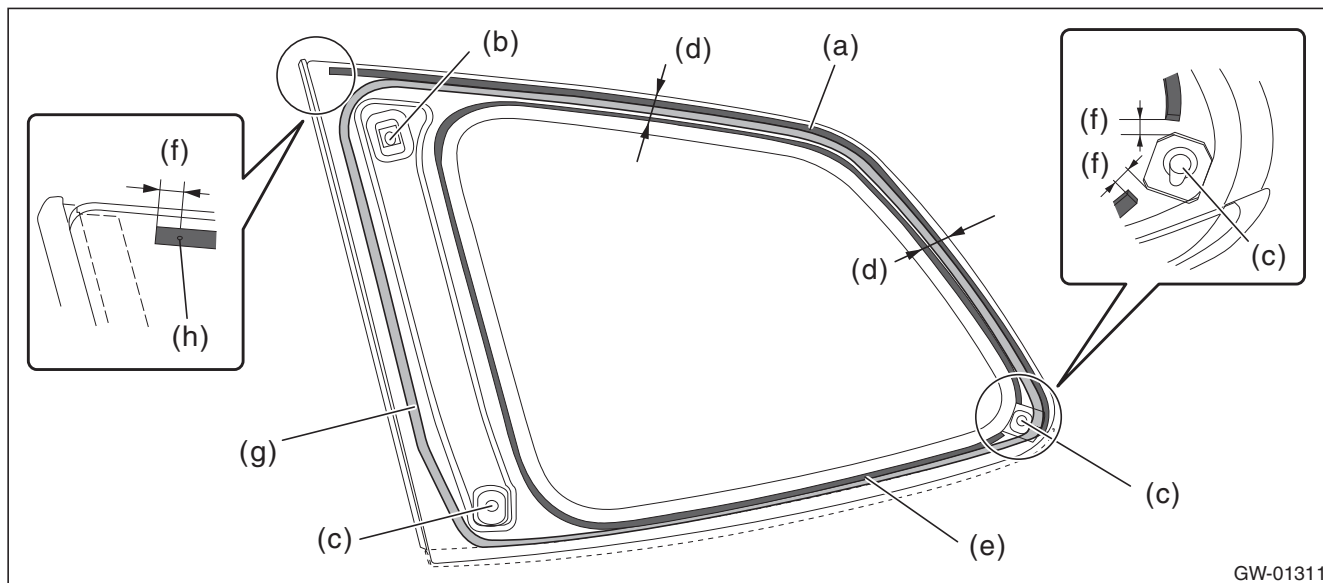
(3) Sealant gun

- 2) Smoothen and clean the adhesive surfaces of the glass - rear quarter and body using the same procedures as for the glass - front window. <Ref. to GW-38, INSTALLATION, Windshield Glass.>

Rear Quarter Glass

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3) Install the dam rubber - rear and the seal - rear quarter to the glass - rear quarter.

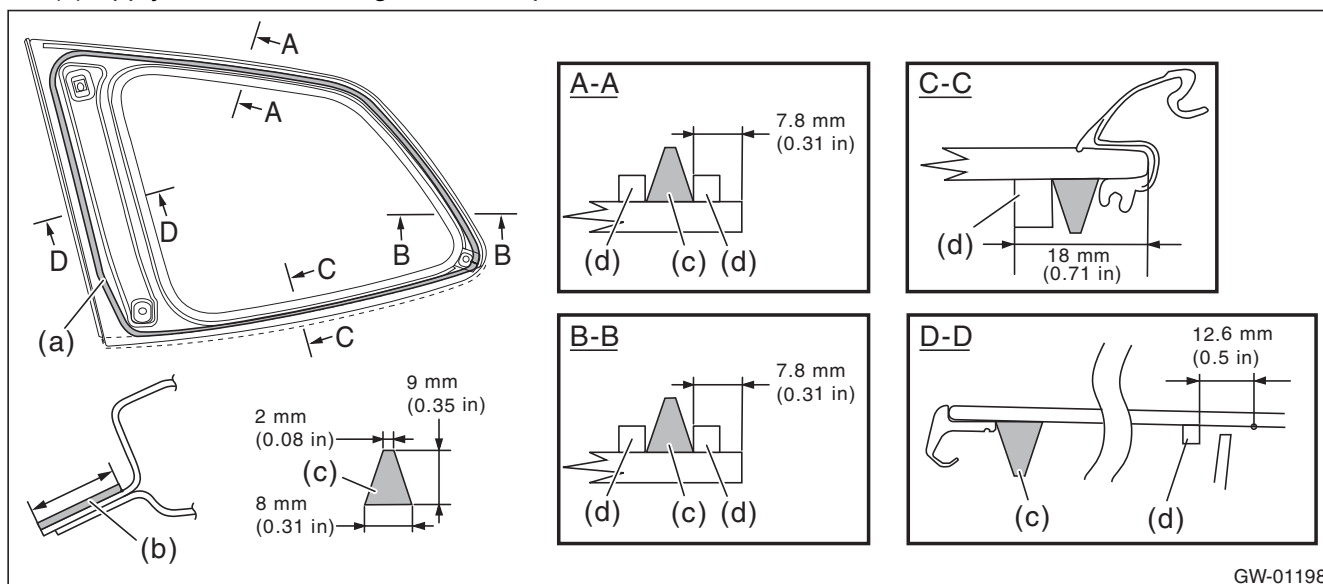


GW-01311

- | | | |
|---------------------------------|-------------------------------|--|
| (a) Dam rubber - rear quarter | (d) 21.8 mm (0.86 in) | (g) Adhesive |
| (b) Fastener - rear quarter | (e) Dam rubber - rear quarter | (h) Marking for dam rubber - rear quarter attachment |
| (c) Locating pin - rear quarter | (f) 5 mm (0.2 in) | |

4) Install the glass - rear quarter in the same procedure as for the glass - front window. <Ref. to GW-38, INSTALLATION, Windshield Glass.>

- (1) Apply the primer to the adhesive surface of glass - rear quarter side and body side using sponge.
- (2) Apply adhesive to the glass - rear quarter end back surface.



GW-01198

- | | |
|--|-------------------------------|
| (a) Application of primer (glass side) | (c) Adhesive |
| (b) Application of primer (body side) | (d) Dam rubber - rear quarter |

- (3) Mount the fastener - rear quarter on the vehicle body.
- (4) Insert the locating pins - rear quarter into the side panel holes, and install the glass - rear quarter.
- (5) Lightly press the entire perimeter of the glass - rear quarter for tight fit.
- (6) Make flush the adhesive surface jugged out using spatula.

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5) After completion of all work, allow the vehicle to stand for about 24 hours.

NOTE:

- When opening/closing the door after the glass - rear quarter was bonded, always lower the glass assembly - door first, and then open/close it carefully.
- Move the vehicle slowly.
- For minimum drying time and vehicle standing time before driving after bonding, follow instructions or instruction manual from the adhesive manufacturer.

6) Install the trim panel - rear pillar UPR. <Ref. to EI-106, INSTALLATION, Rear Quarter Trim.>

7) After curing of adhesive, pour the water on external surface of vehicle to check that there are no water leaks.

NOTE:

When a vehicle is returned to the user, tell him or her that the vehicle should not be subjected to heavy impact for at least three days.

Wiper Deicer System

GLASS/WINDOWS/MIRRORS

17. Wiper Deicer System

A: WIRING DIAGRAM

Refer to "Wiper Deicer System" in the wiring diagram. <Ref. to WI-430, Wiper Deicer System.>

B: INSPECTION

1. CHECK SYSTEM

NOTE:

- The wiper deicer does not operate when the ambient temperature becomes 5°C (41°F) or more.
- The wiper deicer operates with the rear window defogger at the same time.
- It is possible to perform a forced operation if you keep holding the rear window defogger switch for 3 seconds or more.

Symptoms	Inspection order
Wiper deicer does not operate.	1. Check the fuse. 2. Check the wiper deicer relay. 3. Check the wiper deicer switch. 4. Check the heat wire. 5. Check the wiring harness. 6. Check body integrated unit.

NOTE:

- Wiper deicer system can be customized using the Subaru Select Monitor, when the customize setting {Auto A/C ECU Setting} of the body integrated unit is set to {support}.
- Set the system using the Rr Defogger op. mode, and setting will be the same as rear defogger system setting.

System name	Initial setting	Customize setting
Rear defogger operation mode	OFF after 15 min.	Continuous operation*

*: When one of the following conditions occurs, continuous operation is suspended and turned off after 15 minutes.

- Ambient temperature at 5°C (41°F) or more continues for 10 seconds.
- Malfunction occurs on ambient sensor.
- Vehicle speed of 15 km/h (9 MPH) or less continues 15 minutes (OFF when conditions are met)
- Malfunction occurs in CAN communication.
- Battery voltage remains at 10 V or less for 30 seconds.
- SI-DRIVE [I] mode driving continues for 10 seconds.

2. CHECK WITH SUBARU SELECT MONITOR

CAUTION:

Before performing the inspection, check the following settings.

- Wiper deicer setting → “support”. If “no support”, set to “support” using customize setting.
- Rr Defogger op. mode setting → Initial setting or customize setting.

1) Check the input signal when the rear window defogger switch is operated using Subaru Select Monitor.

- (1) Prepare the Subaru Select Monitor. <Ref. to GW-6, PREPARATION TOOL, General Description.>
- (2) Turn the ignition switch to ON (engine OFF) and run the “PC application for Subaru Select Monitor”.
- (3) On «System Selection Menu» display, select {Integ. unit mode}.
- (4) Select {Auto A/C ECU Setting} from Current Data Display & Save.
- (5) Check the vehicle equipment and the settings of body integrated unit.

- Model with manual A/C: Without auto A/C ECM setting
- Model with auto A/C: With auto A/C ECM setting

If correct, go to (6).

If not correct, go to (8).

(6) Select the {wiper deicer output} on {Current Data Display & Save}.

(7) Check the displayed data (ON/OFF) by operating the rear window defogger switch.

(8) On the system selection menu display, select the body integrated unit mode. Select customize from work support, then select {Auto A/C ECU Setting}. Match the auto A/C ECM setting to the actual vehicle equipment.

2) Check the operation with rear window defogger switch ON.

- When customize setting is set as “Continuous”, it is normal if the 15-minute operation and 2-minute stop repeats.
- When customize setting is “Normal”, it is normal if the operation lasts for 15 minutes and then turns OFF.

3) When the operation in 2) above fails, replace the body integrated unit.

3. HEAT WIRE INSPECTION

Refer to “HEAT WIRE INSPECTION” of “Rear Window Defogger System”. <Ref. to GW-47, HEAT WIRE INSPECTION, INSPECTION, Rear Window Defogger System.>

NOTE:

Heat wire inspection needs removing/installing procedure of instrument panel assembly.

C: REPAIR

Refer to “REPAIR” of “Rear Window Defogger System”. <Ref. to GW-48, REPAIR, Rear Window Defogger System.>

NOTE:

Heat wire repair needs removing/installing procedure of instrument panel assembly.

Wiper Deicer System

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