

BODY SECTION

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)	AC
HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)	AC(diag)
AIRBAG SYSTEM	AB
AIRBAG SYSTEM (DIAGNOSTICS)	AB(diag)
SEAT BELT SYSTEM	SB
LIGHTING SYSTEM	LI
WIPER AND WASHER SYSTEMS	WW
ENTERTAINMENT	ET
COMMUNICATION SYSTEM	COM
GLASS/WINDOWS/MIRRORS	GW
BODY STRUCTURE	BS
INSTRUMENTATION/DRIVER INFO	IDI
SEATS	SE
SECURITY AND LOCKS	SL
SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)	SR
EXTERIOR/INTERIOR TRIM	EI
EXTERIOR BODY PANELS	EB

BODY SECTION

CRUISE CONTROL SYSTEM CC

CRUISE CONTROL SYSTEM (DIAGNOSTICS) CC(diag)

IMMOBILIZER (DIAGNOSTICS) IM(diag)

LAN SYSTEM (DIAGNOSTICS) LAN(diag)

EXTERIOR/INTERIOR TRIM



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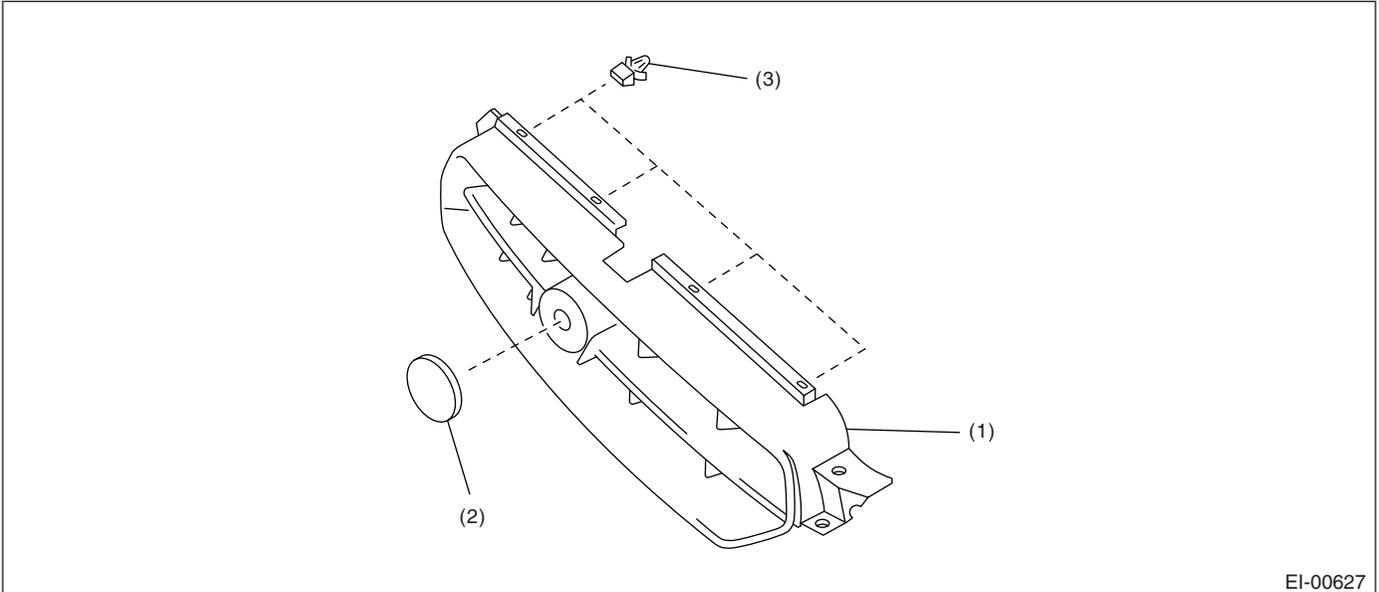
General Description

EXTERIOR/INTERIOR TRIM

1. General Description

A: COMPONENT

1. FRONT GRILLE



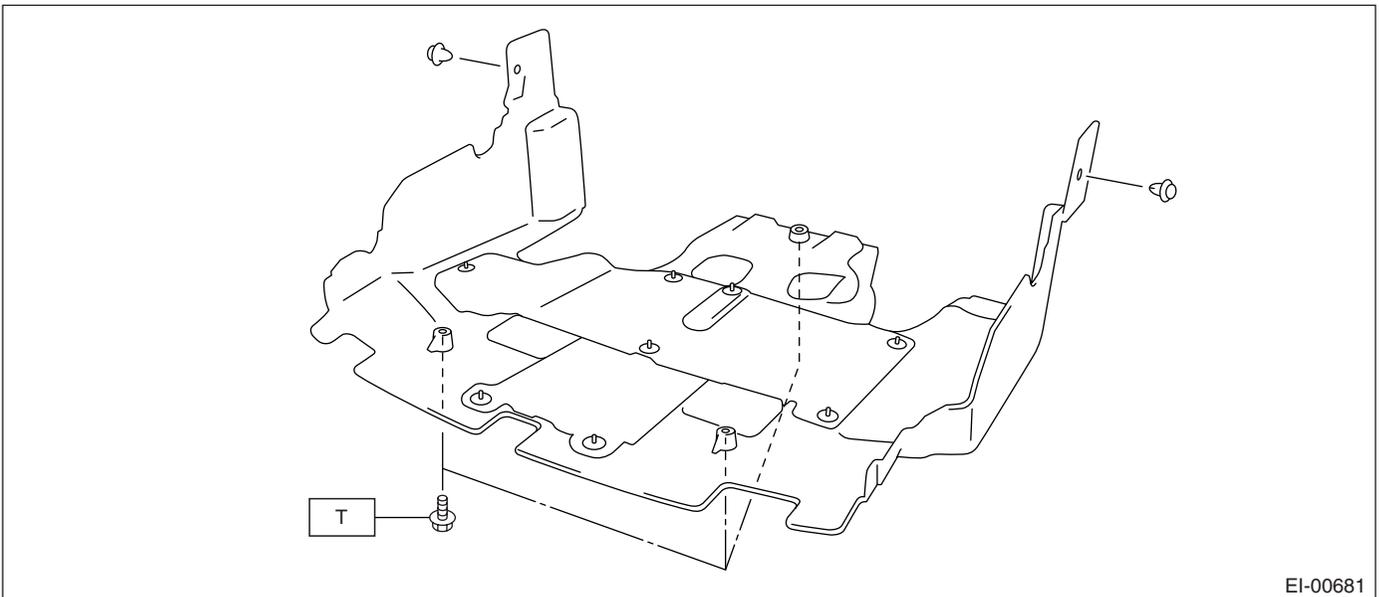
EI-00627

(1) Front grille

(2) Front grille emblem

(3) Front grille clip

2. UNDER COVER

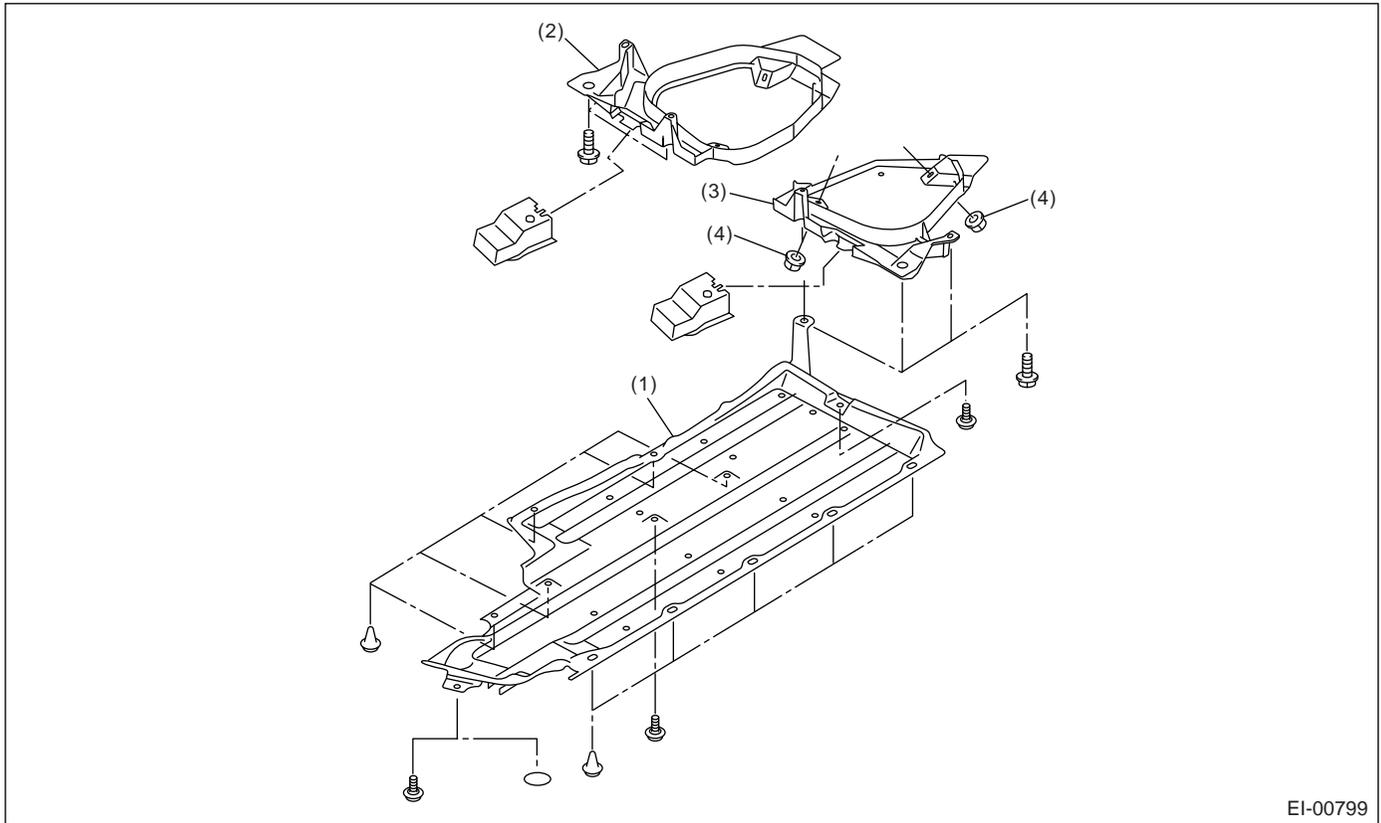


EI-00681

Tightening torque: N·m (kgf·m, ft·lb)

T: 14 (1.42, 10.3)

3. UNDER PROTECTOR



EI-00799

- (1) Floor under protector
- (2) Fuel tank protector RH

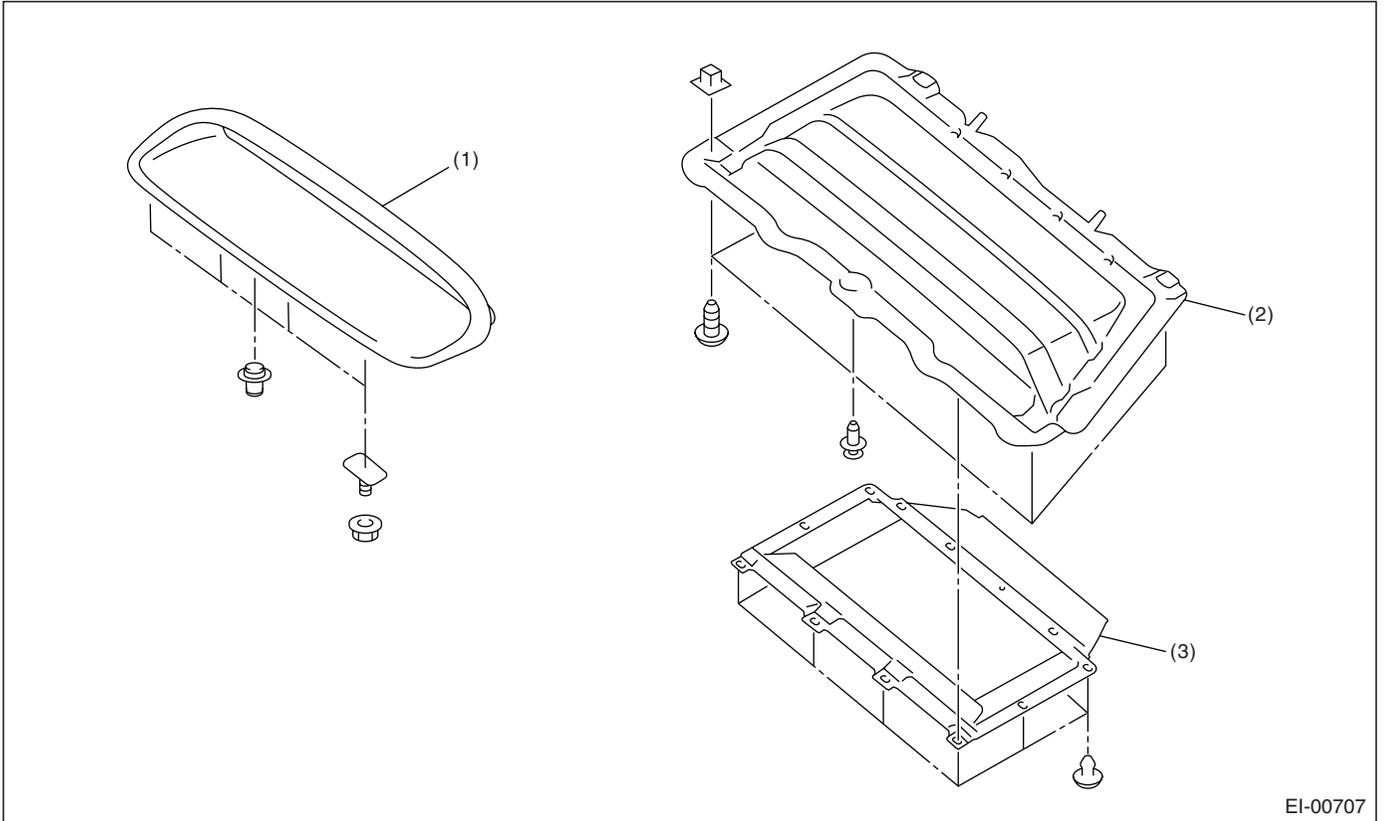
- (3) Fuel tank protector LH

- (4) Plastic nut

General Description

EXTERIOR/INTERIOR TRIM

4. FRONT HOOD GRILLE

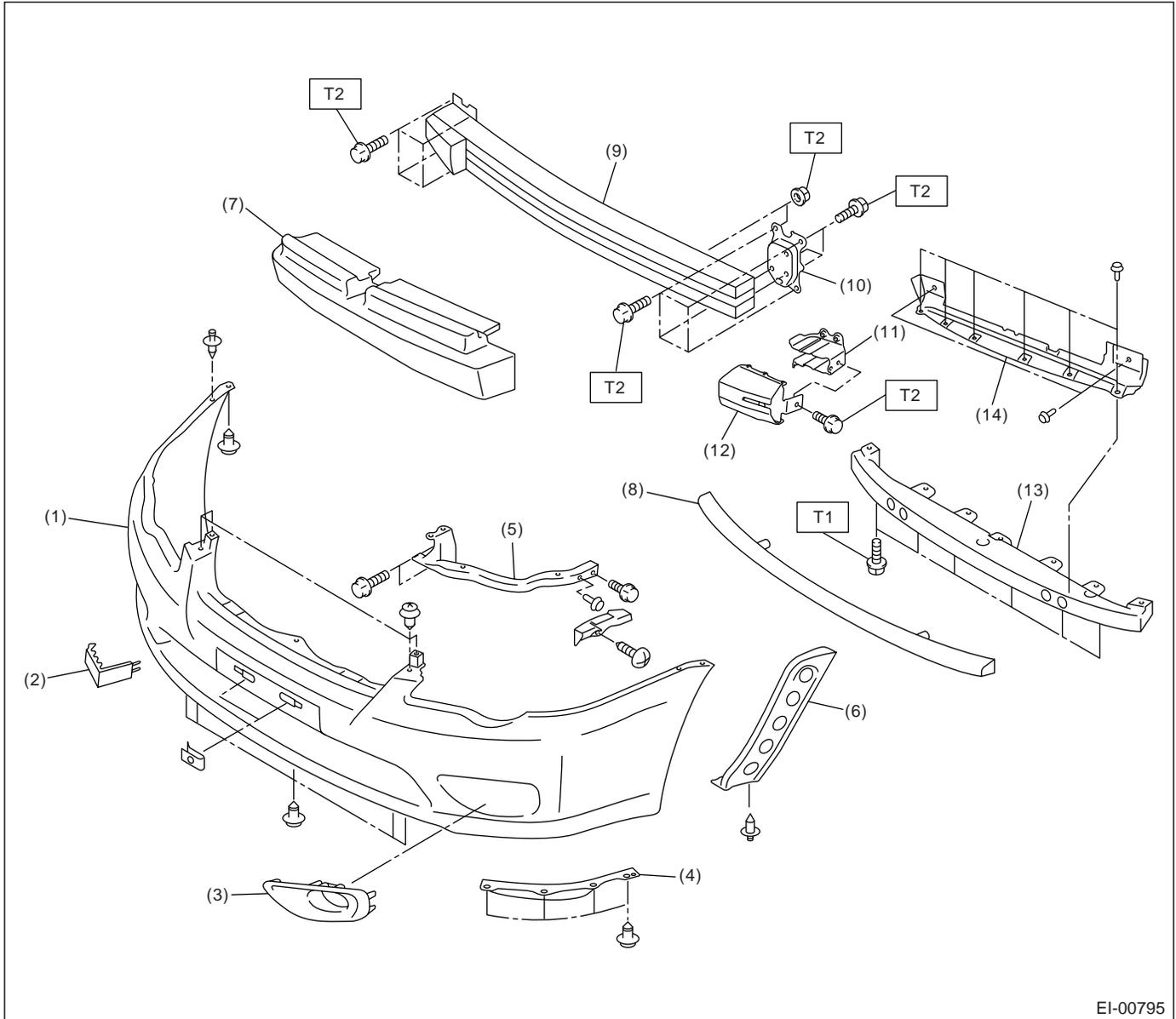


(1) Front hood grille

(2) Grille duct upper

(3) Grille duct lower

5. FRONT BUMPER



- | | | |
|------------------------|--------------------------------|---------------------------|
| (1) Bumper face | (7) Energy absorber foam upper | (13) Lower center bracket |
| (2) Towing hook cover | (8) Energy absorber foam lower | (14) Radiator guide |
| (3) Fog light cover | (9) Main beam reinforcement | |
| (4) Lower side bracket | (10) Main beam bracket | |
| (5) Upper bracket | (11) Bracket support | |
| (6) Side bracket | (12) Energy absorber side | |

Tightening torque: N·m (kgf·m, ft·lb)

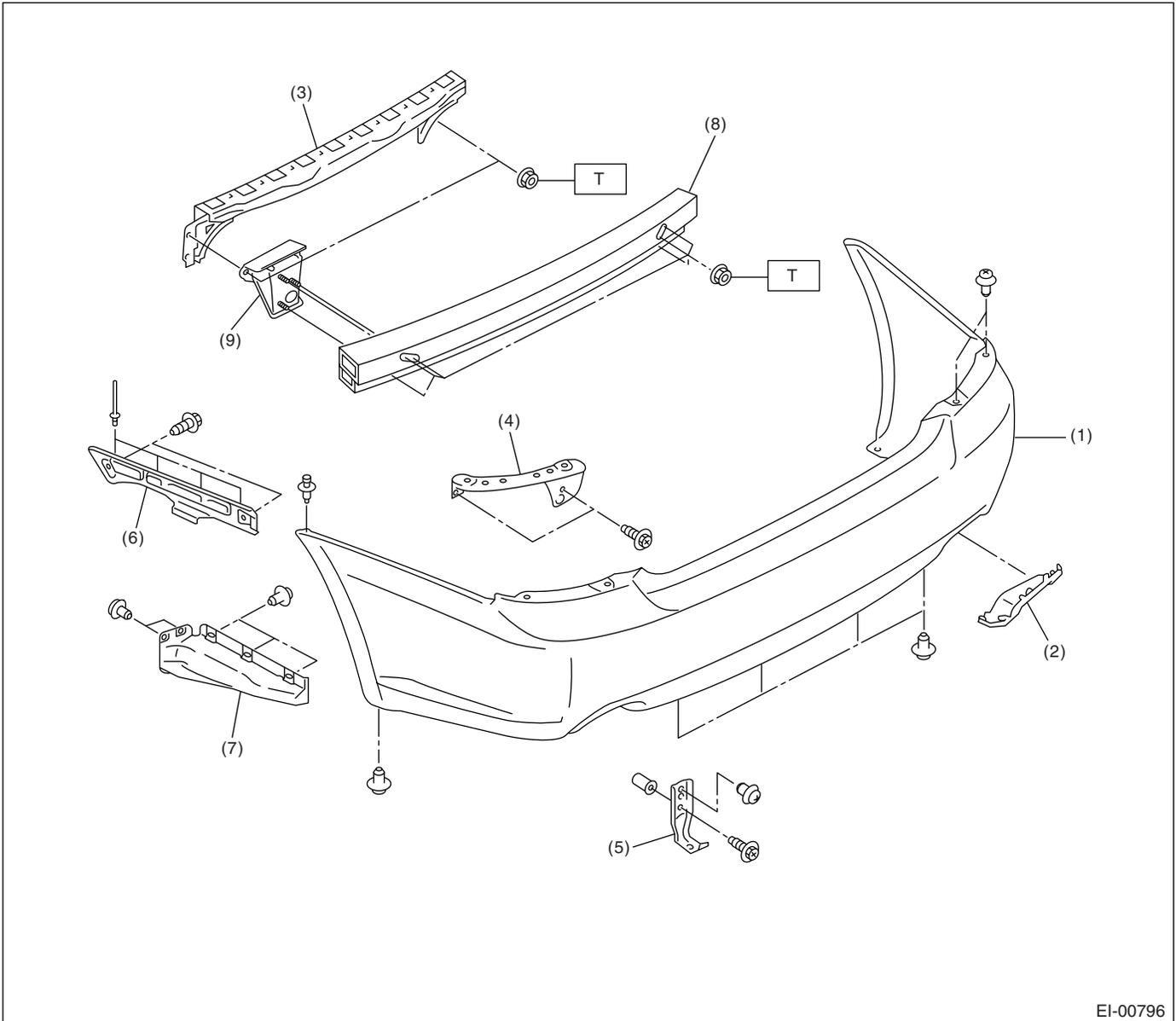
T1: 7.5 (0.77, 5.5)

T2: 33 (3.4, 24)

General Description

EXTERIOR/INTERIOR TRIM

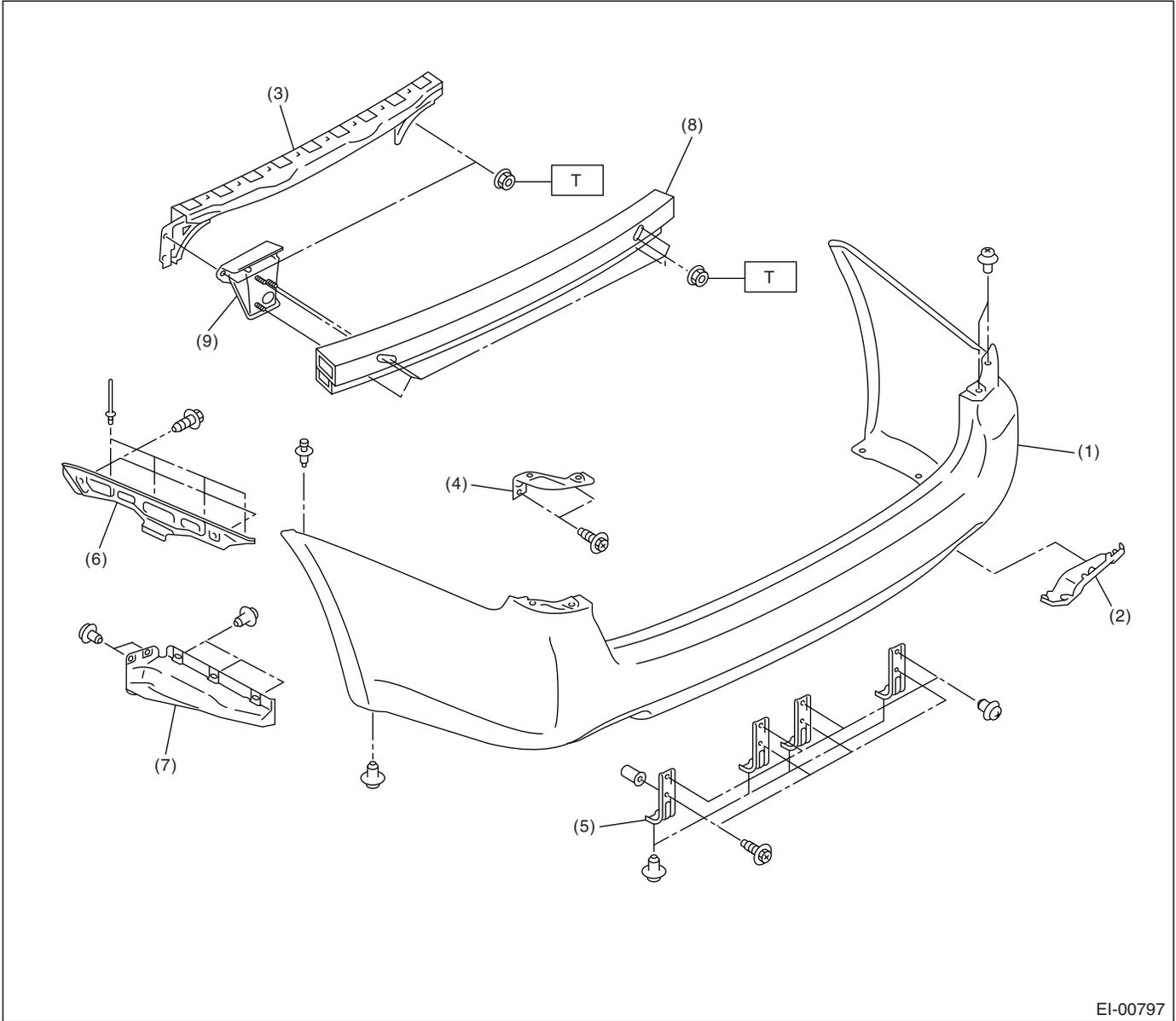
6. REAR BUMPER (SEDAN MODEL)



- | | | |
|-----------------------|-------------------------------|-------------------------|
| (1) Bumper face | (5) Lower bracket | (9) Bumper beam bracket |
| (2) Exhaust end cover | (6) Bumper side support upper | |
| (3) Beam upper rear | (7) Bumper side support lower | |
| (4) Bracket corner | (8) Beam main reinforcement | |

Tightening torque: N·m (kgf·m, ft·lb)
T: 33 (3.4, 24)

7. REAR BUMPER (WAGON MODEL)



EI-00797

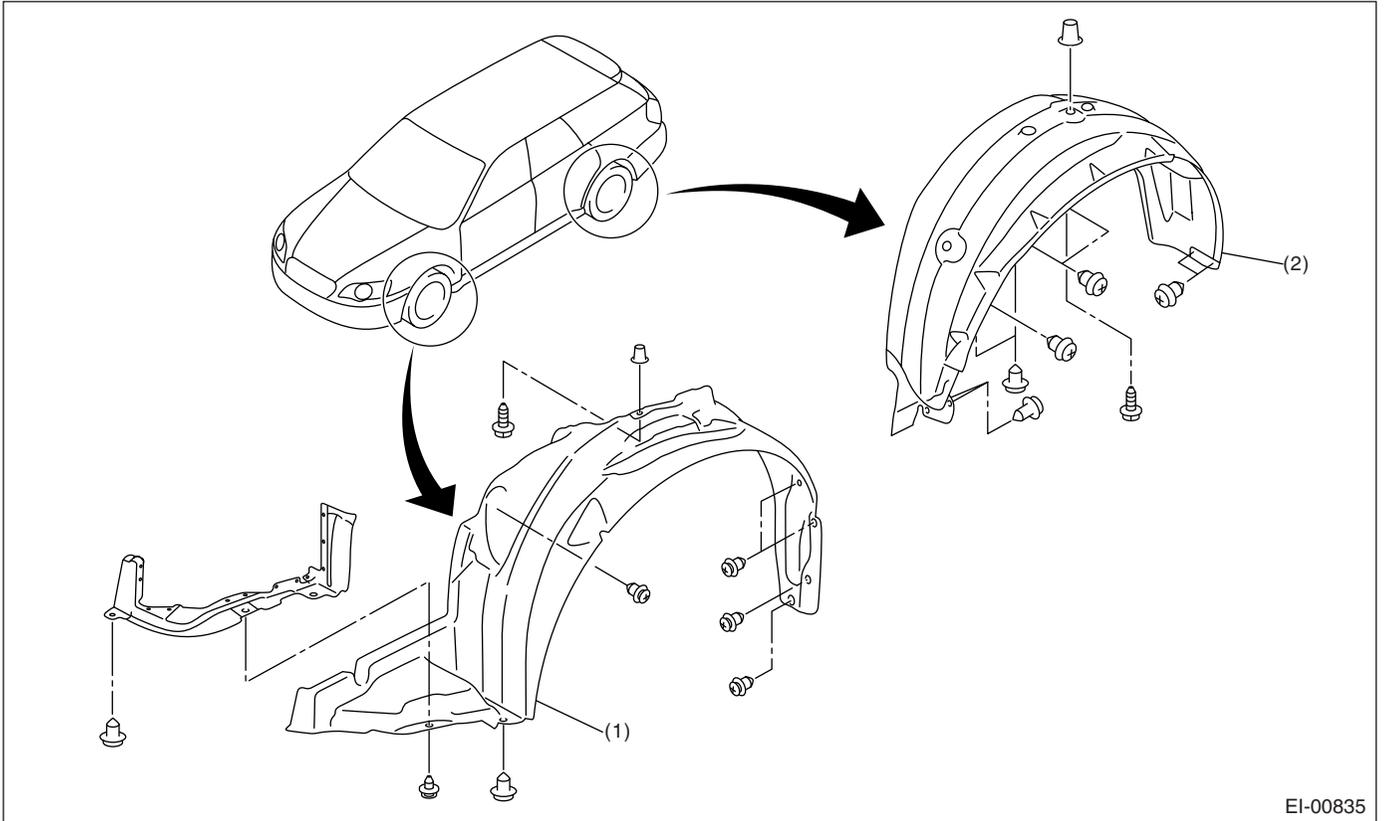
- | | | |
|-----------------------|-------------------------------|-------------------------|
| (1) Bumper face | (5) Lower bracket | (9) Bumper beam bracket |
| (2) Exhaust end cover | (6) Bumper side support upper | |
| (3) Beam upper rear | (7) Bumper side support lower | |
| (4) Bracket corner | (8) Beam main reinforcement | |

Tightening torque: N·m (kgf·m, ft·lb)
T: 33 (3.4, 24)

General Description

EXTERIOR/INTERIOR TRIM

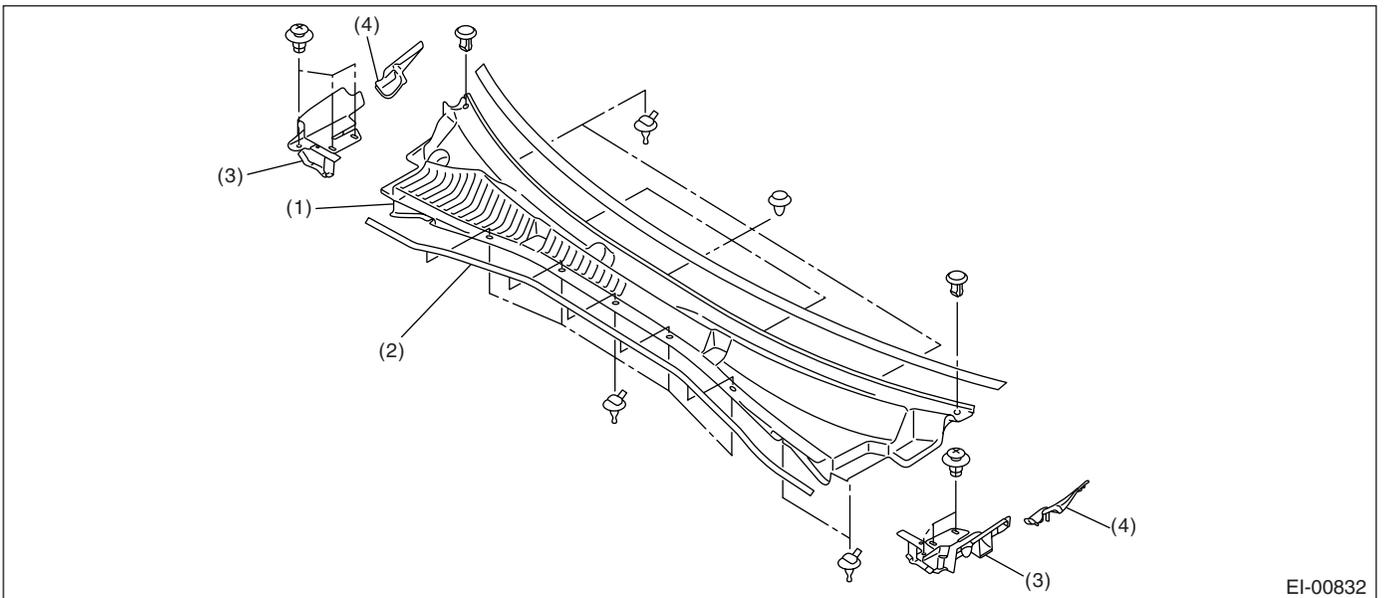
8. MUD GUARD



(1) Front mud guard

(2) Rear mud guard

9. COWL PANEL



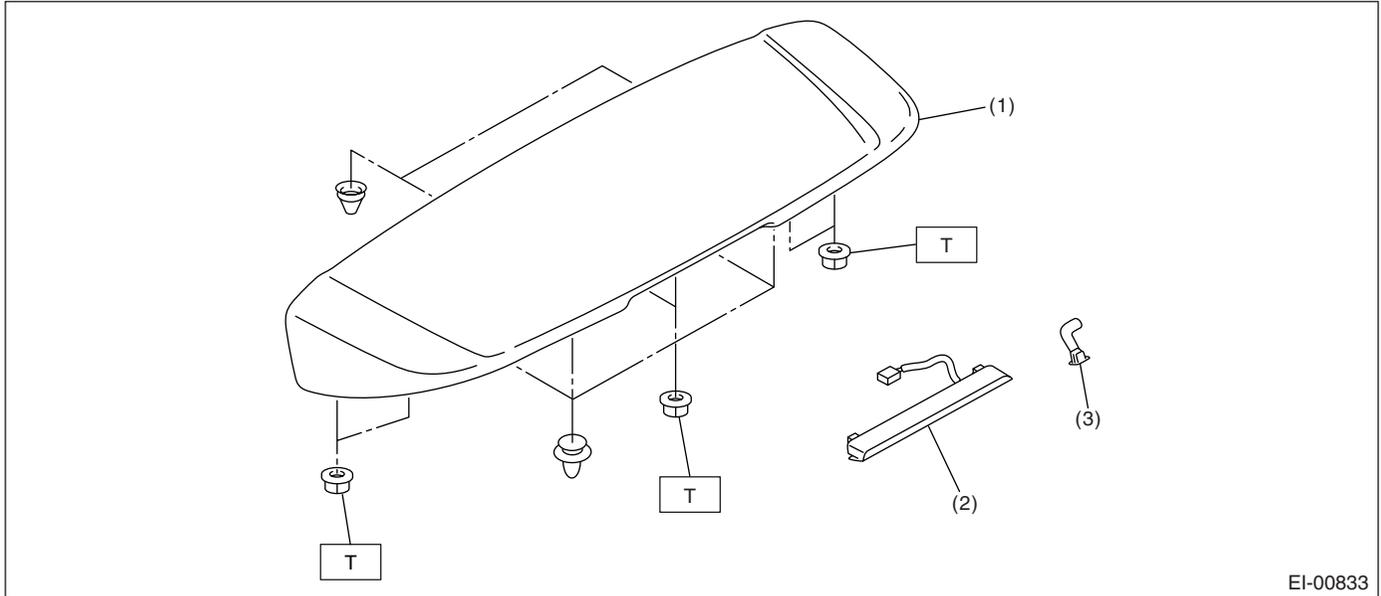
(1) Cowl panel

(3) Cover cowl panel

(4) Cowl side panel

(2) Weather strip

10. ROOF SPOILER



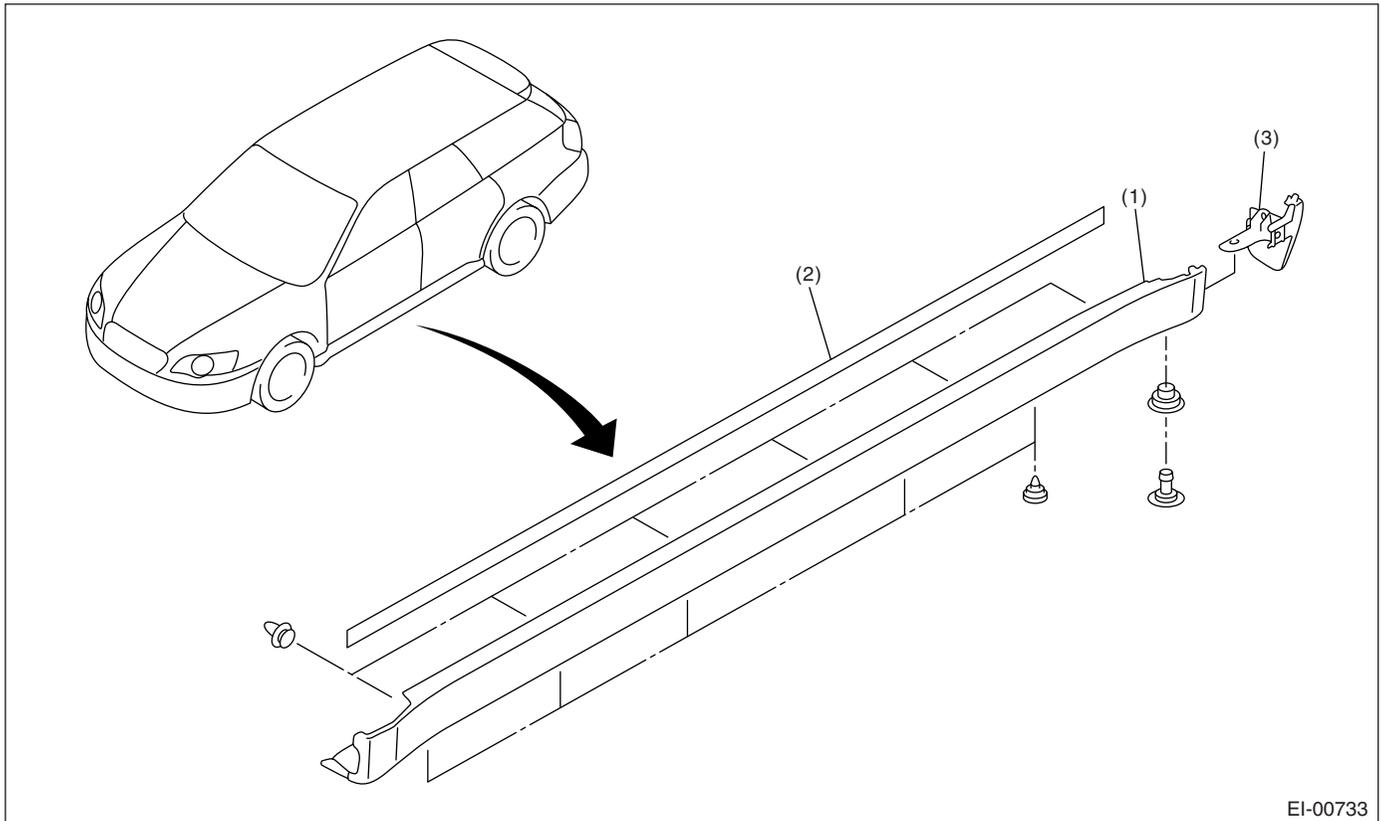
EI-00833

- (1) Roof spoiler
- (2) High-mounted stop light

- (3) Washer nozzle

Tightening torque: N·m (kgf·m, ft·lb)
T: 4.5 (0.46, 3.32)

11. SIDE SILL SPOILER



EI-00733

- (1) Side sill spoiler

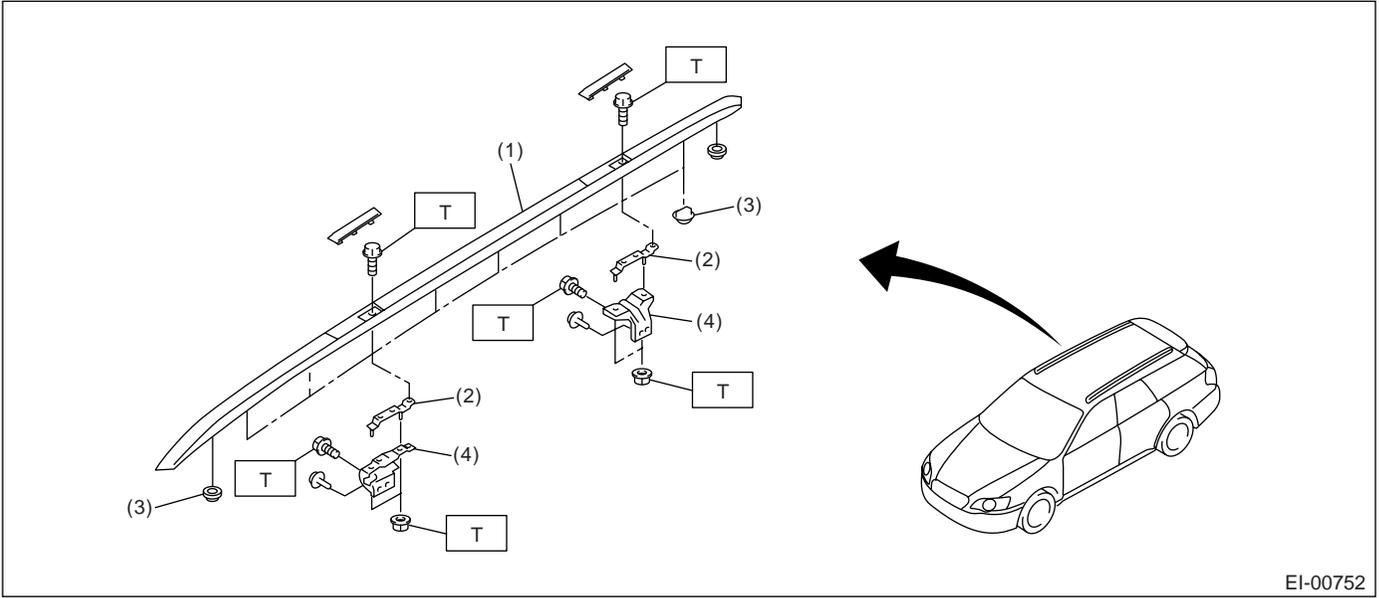
- (2) Double-sided tape

- (3) Air flap side sill end

General Description

EXTERIOR/INTERIOR TRIM

12. ROOF MOLDING

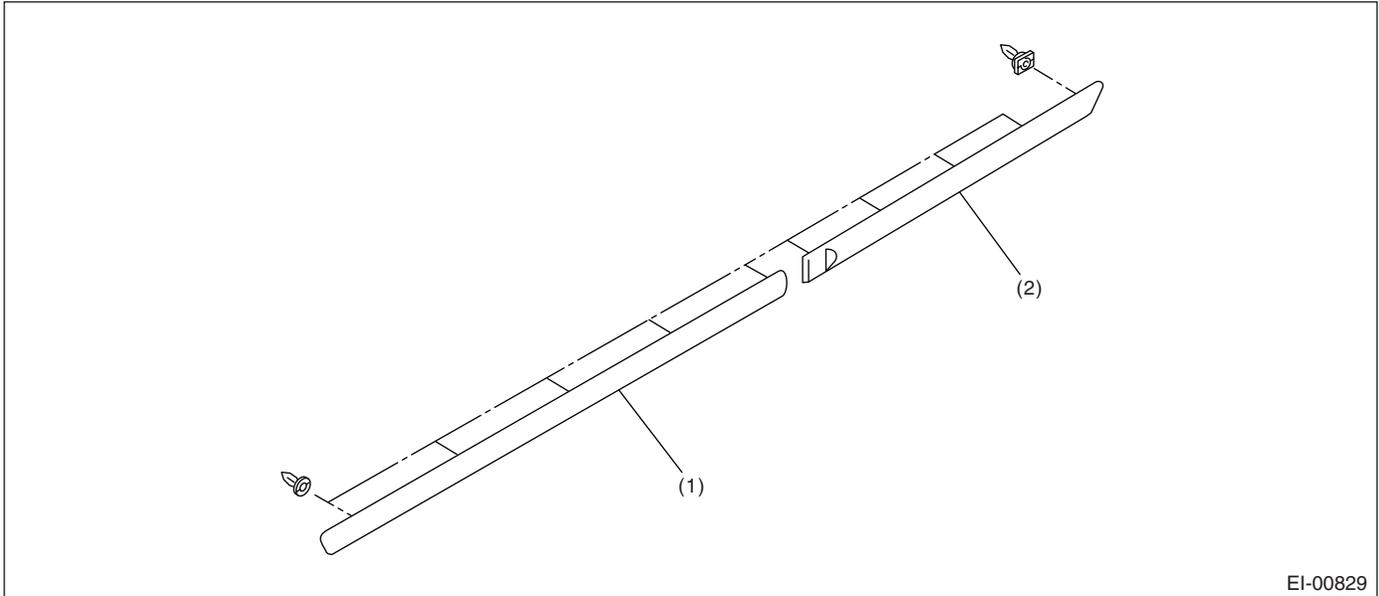


EI-00752

- (1) Roof molding
- (2) Roof carrier attachment
- (3) Clip
- (4) Roof carrier attachment bracket

Tightening torque: N·m (kgf·m, ft·lb)
T: 4.5 (0.46, 3.32)

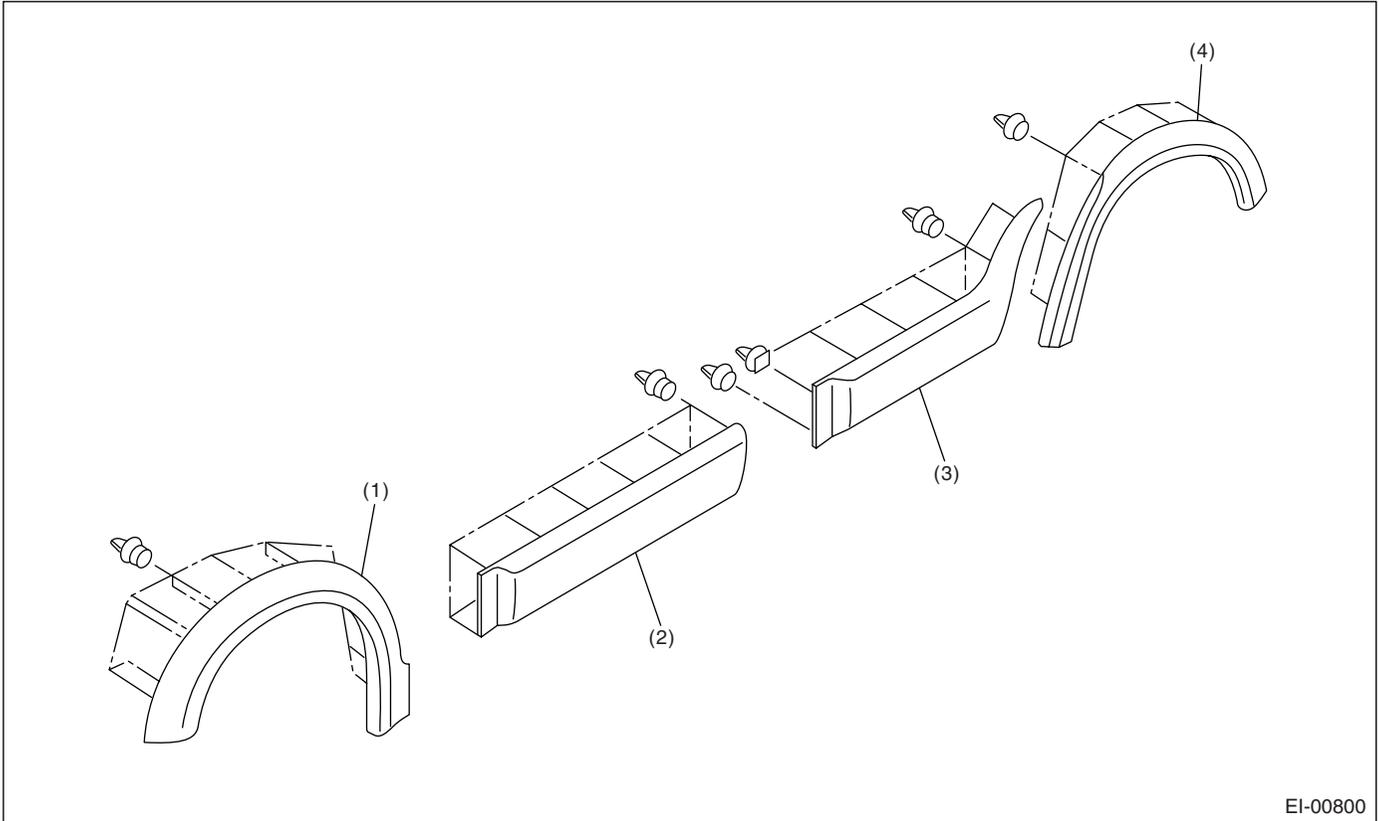
13. SIDE PROTECTOR



EI-00829

- (1) Front door protector
- (2) Rear door protector

14.SIDE GARNISH

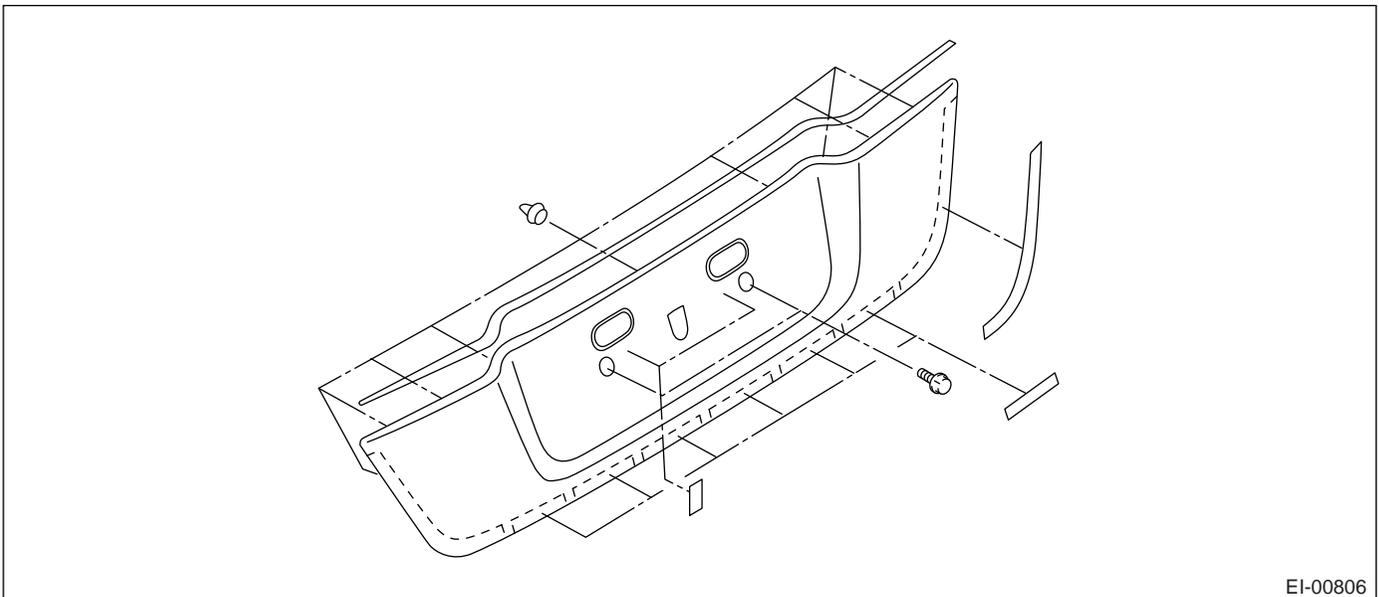


- (1) Front fender garnish
- (2) Front door garnish

- (3) Rear door garnish

- (4) Rear quarter garnish

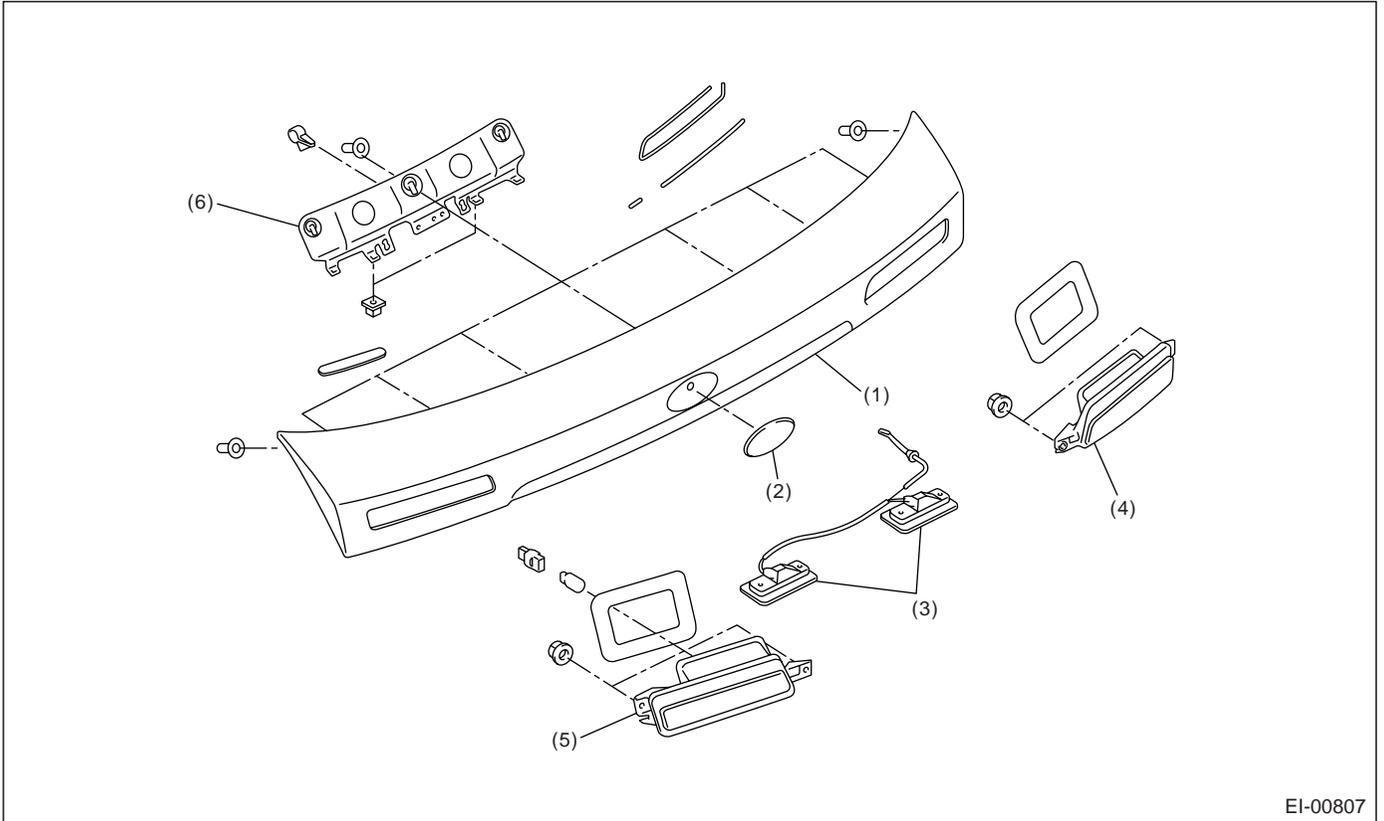
15.TRUNK LID GARNISH



General Description

EXTERIOR/INTERIOR TRIM

16. REAR GATE GARNISH

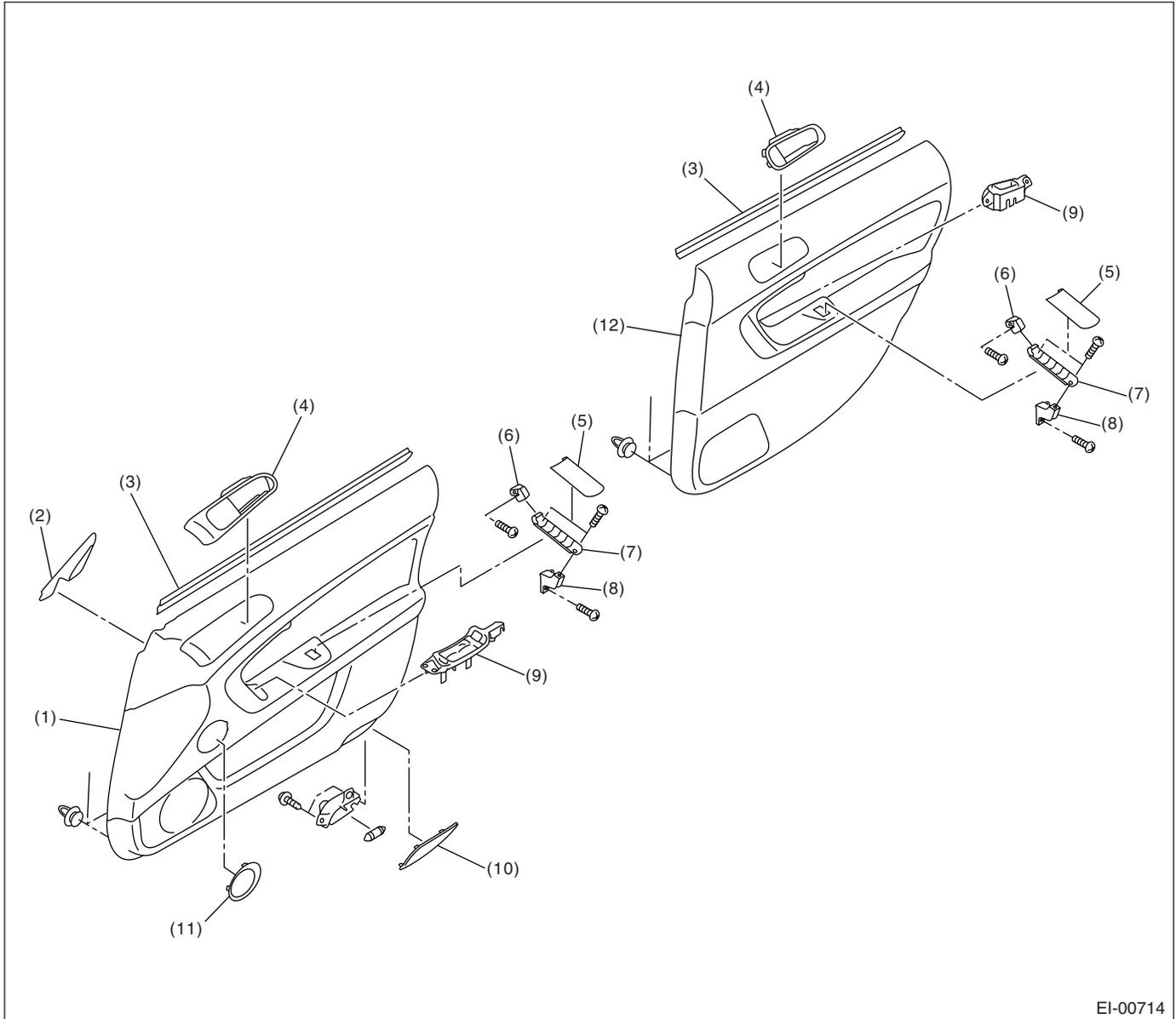


(1) Rear gate garnish
(2) Ornament

(3) License plate light
(4) Rear fog light or back-up light

(5) Back-up light or rear fog light
(6) License plate light bracket

17.DOOR TRIM



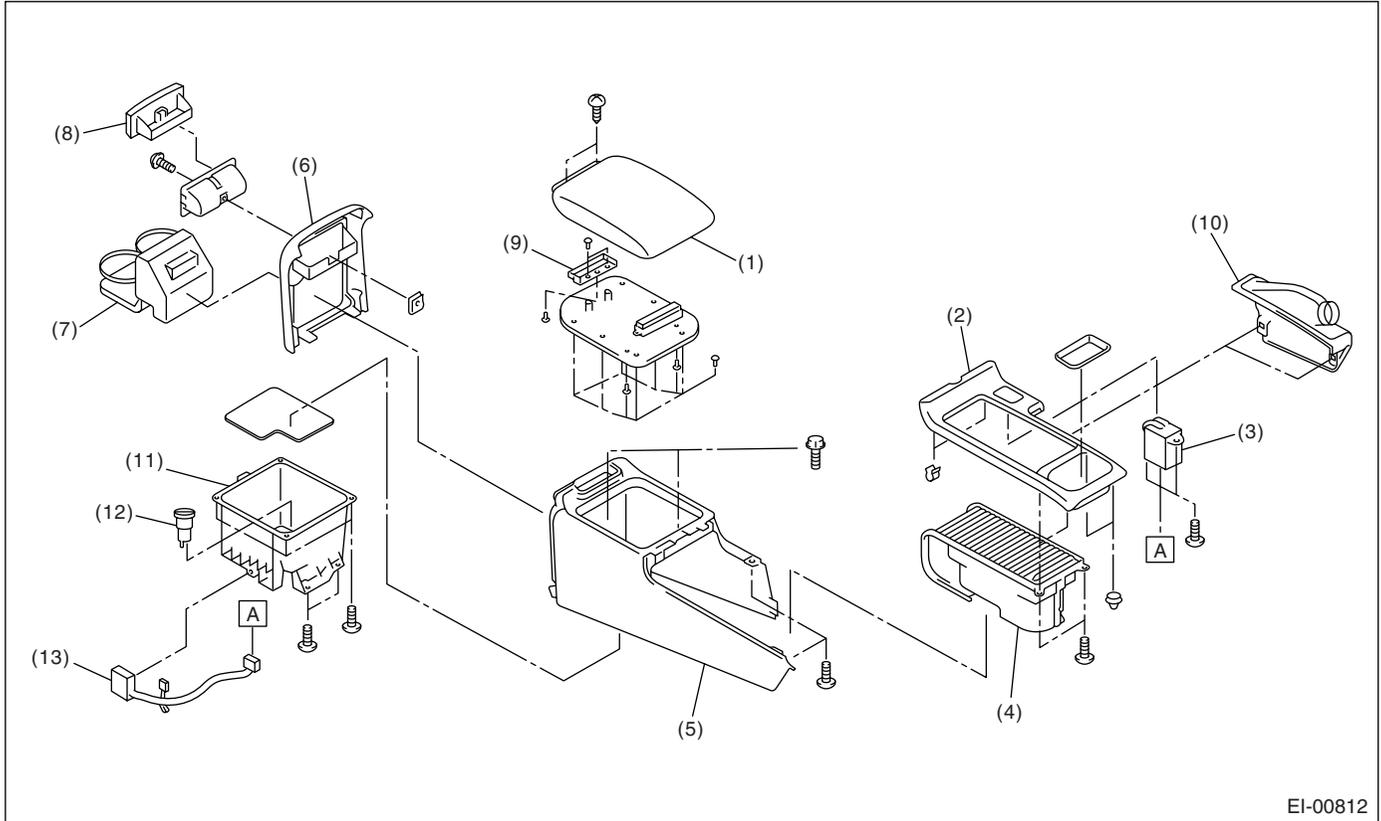
EI-00714

- | | | |
|-------------------------|-----------------------------|-------------------------|
| (1) Front door trim | (5) Door grip | (9) Power window switch |
| (2) Gusset cover | (6) Door grip bracket upper | (10) Step light cover |
| (3) Upper weather strip | (7) Door grip frame | (11) Speaker cover |
| (4) Inner remote cover | (8) Door grip bracket lower | (12) Rear door trim |

General Description

EXTERIOR/INTERIOR TRIM

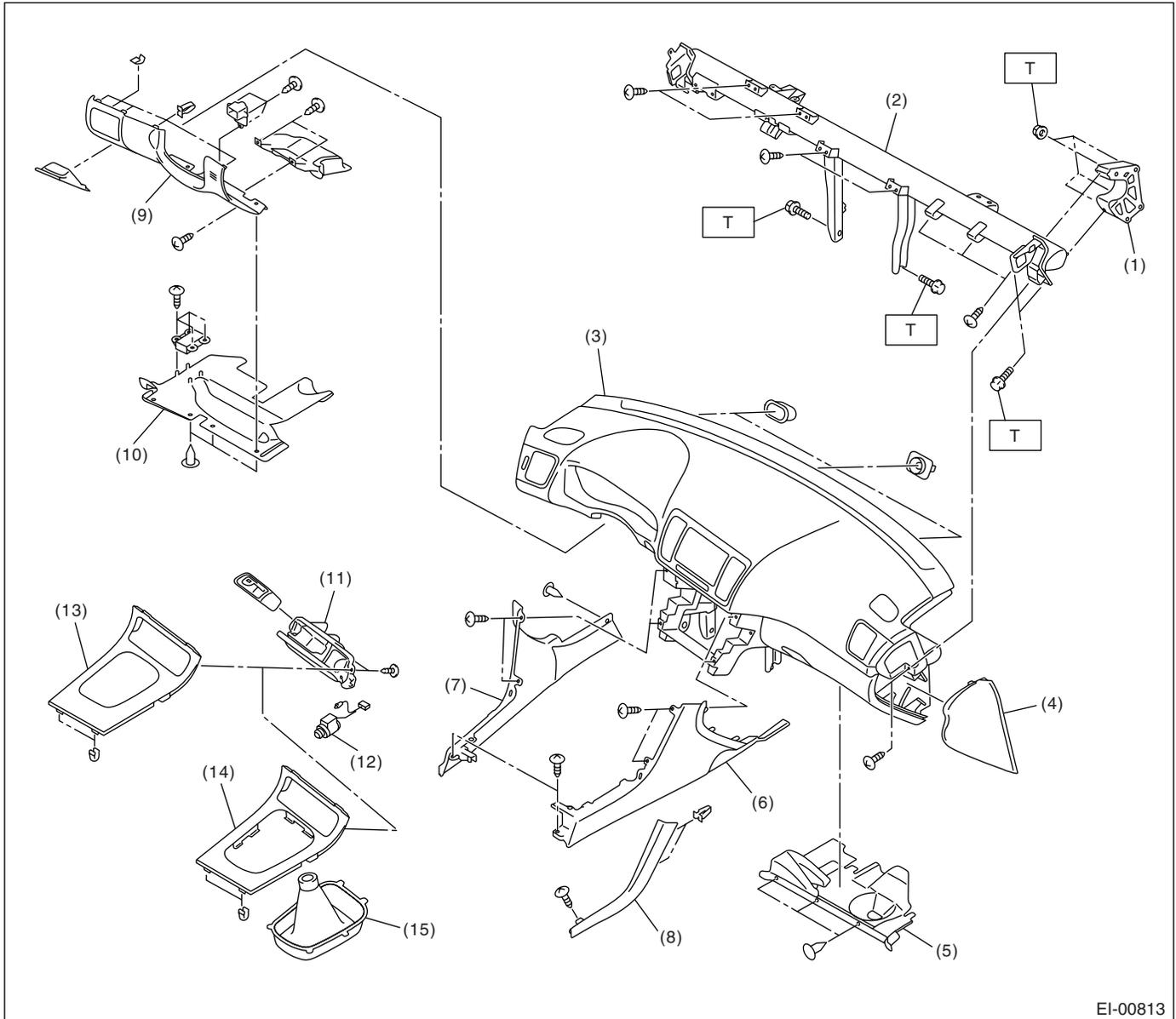
18. CONSOLE BOX



EI-00812

- | | | |
|------------------------|-------------------------------|--|
| (1) Upper lid | (6) Rear lid | (11) Console pocket |
| (2) Console cover | (7) Rear cup holder | (12) Front accessory power supply socket |
| (3) Seat heater switch | (8) Ash tray | (13) Console box harness |
| (4) Front cup holder | (9) Lid hinge | |
| (5) Console box outer | (10) Parking brake lever boot | |

19. INSTRUMENT PANEL



EI-00813

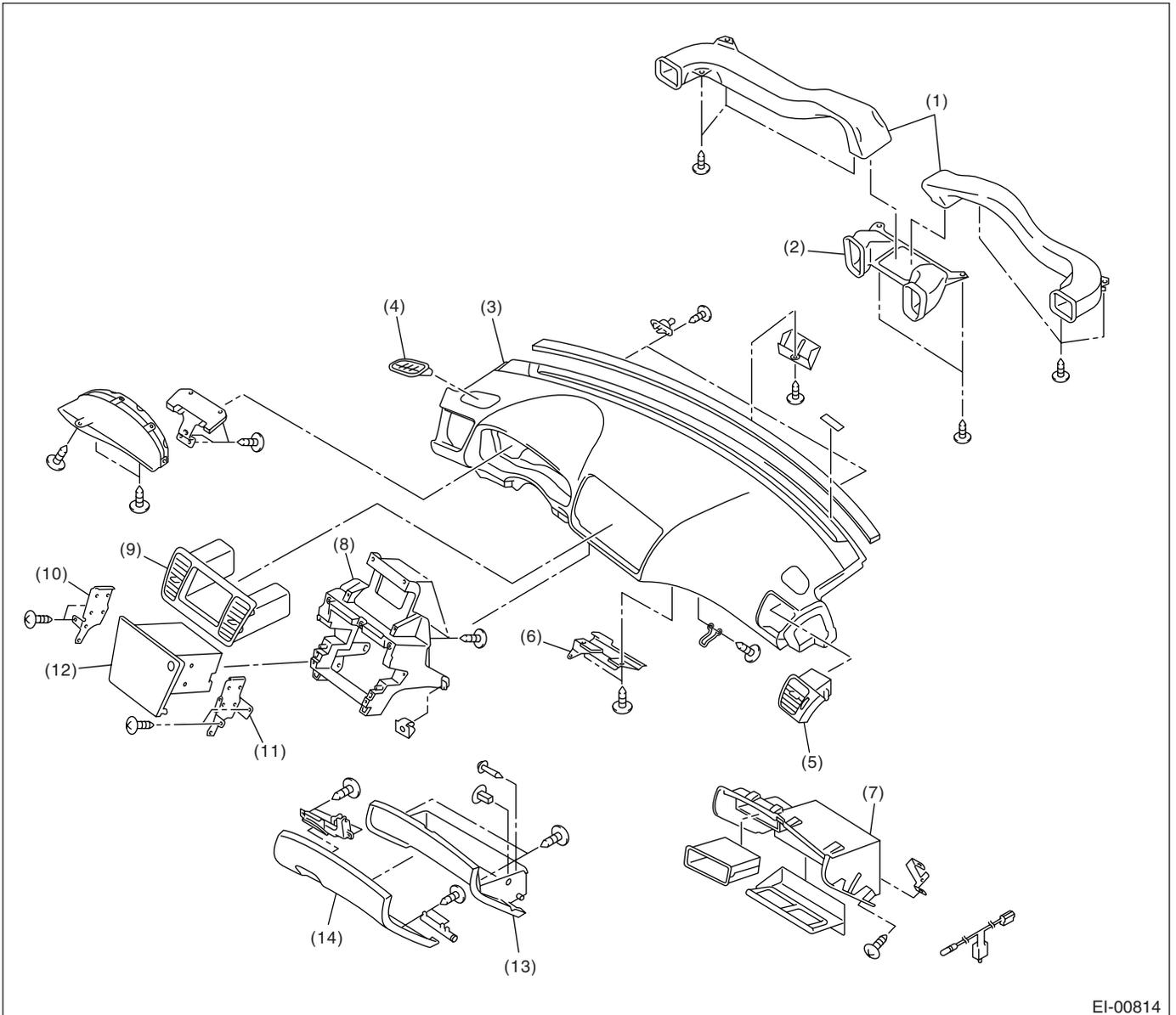
- | | | |
|---------------------------------------|--|-------------------------------------|
| (1) Steering support beam bracket | (8) Console side garnish | (13) Console front panel (AT model) |
| (2) Steering support beam | (9) Instrument panel lower cover upper | (14) Console front panel (MT model) |
| (3) Instrument panel pad & frame ASSY | (10) Instrument panel lower cover under | (15) Shift lever boot |
| (4) Instrument panel side cover | (11) Ash tray holder | |
| (5) Glove box lower cover | (12) Front accessory power supply socket | |
| (6) Console side panel RH | | |
| (7) Console side panel LH | | |

Tightening torque: N·m (kgf·m, ft·lb)

T: 25 (25.5, 18.4)

General Description

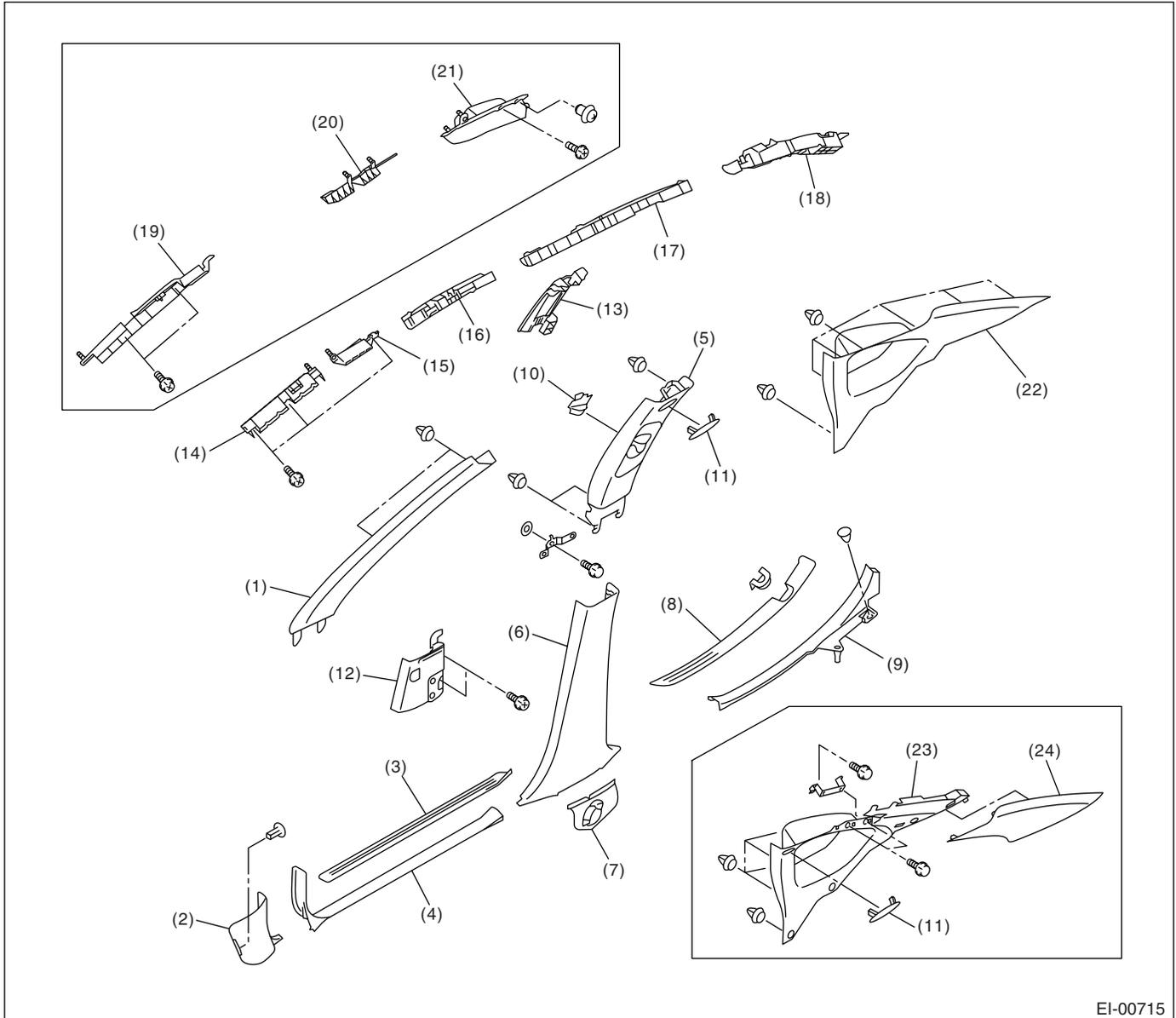
EXTERIOR/INTERIOR TRIM



EI-00814

- | | | |
|----------------------------------|--|-------------------------|
| (1) Air vent side duct | (6) Navigation unit bracket (Model with navigation system) | (10) Audio bracket (LH) |
| (2) Air vent center duct | (7) Glove box panel | (11) Audio bracket (RH) |
| (3) Instrument panel pad & frame | (8) Center console frame | (12) Center panel |
| (4) Air vent defroster grille | (9) Air vent center grille | (13) Glove box |
| (5) Air vent side grille | | (14) Glove box lid |

20.INNER TRIM (SEDAN MODEL)



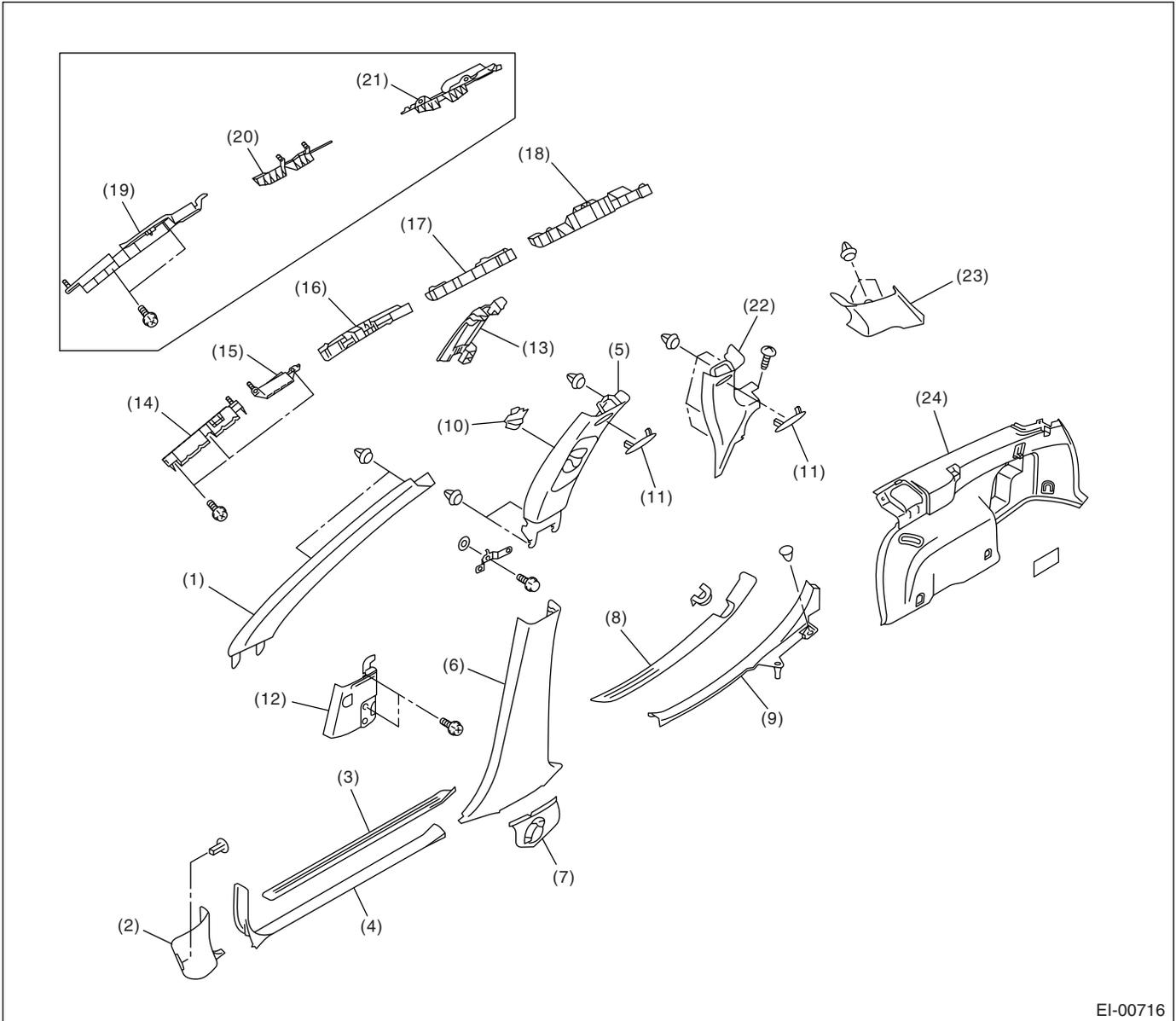
EI-00715

- | | | |
|--|---|--|
| (1) Front pillar upper trim | (11) Bolt cover (Model with curtain airbag) | (20) Curtain airbag guide center (Model with curtain airbag) |
| (2) Front pillar lower trim | (12) Center pillar inner protector lower | (21) Curtain airbag guide rear (Model with curtain airbag) |
| (3) Front outside scuff plate | (13) Center pillar inner protector upper | (22) Rear quarter trim |
| (4) Front inside scuff plate | (14) Front pillar inner protector lower | (23) Rear quarter trim front (Model with curtain airbag) |
| (5) Center pillar upper trim | (15) Front pillar inner protector upper | (24) Rear quarter trim rear (Model with curtain airbag) |
| (6) Center pillar lower trim | (16) Roof side inner protector front | |
| (7) Seat belt lower anchor bolt cover | (17) Roof side inner protector center | |
| (8) Rear outside scuff plate | (18) Roof side inner protector rear | |
| (9) Rear inside scuff plate | (19) Curtain airbag guide front (Model with curtain airbag) | |
| (10) Seat belt shoulder anchor adjuster button | | |

General Description

EXTERIOR/INTERIOR TRIM

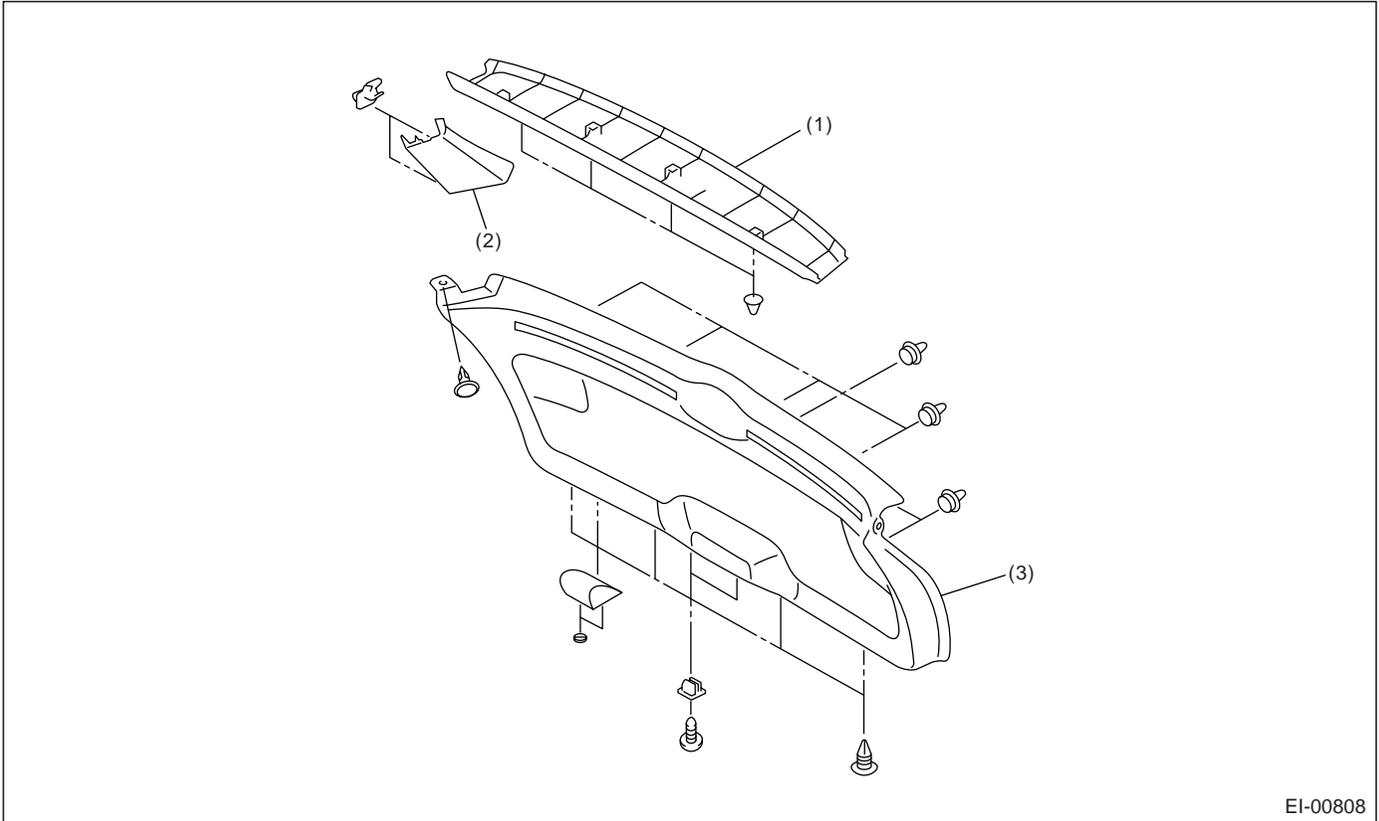
21.INNER TRIM (WAGON MODEL)



EI-00716

- | | | |
|--|---|--|
| (1) Front pillar upper trim | (11) Bolt cover (Model with curtain airbag) | (19) Curtain airbag guide front (Model with curtain airbag) |
| (2) Front pillar lower trim | (12) Center pillar inner protector lower | (20) Curtain airbag guide center (Model with curtain airbag) |
| (3) Front outside scuff plate | (13) Center pillar inner protector upper | (21) Curtain airbag guide rear (Model with curtain airbag) |
| (4) Front inside scuff plate | (14) Front pillar inner protector lower | (22) Rear quarter front pillar trim |
| (5) Center pillar upper trim | (15) Front pillar inner protector upper | (23) Rear quarter rear pillar trim |
| (6) Center pillar lower trim | (16) Roof side inner protector front | (24) Rear quarter lower trim |
| (7) Seat belt lower anchor bolt cover | (17) Roof side inner protector center | |
| (8) Rear outside scuff plate | (18) Roof side inner protector rear | |
| (9) Rear inside scuff plate | | |
| (10) Seat belt shoulder anchor adjuster button | | |

22.REAR GATE TRIM



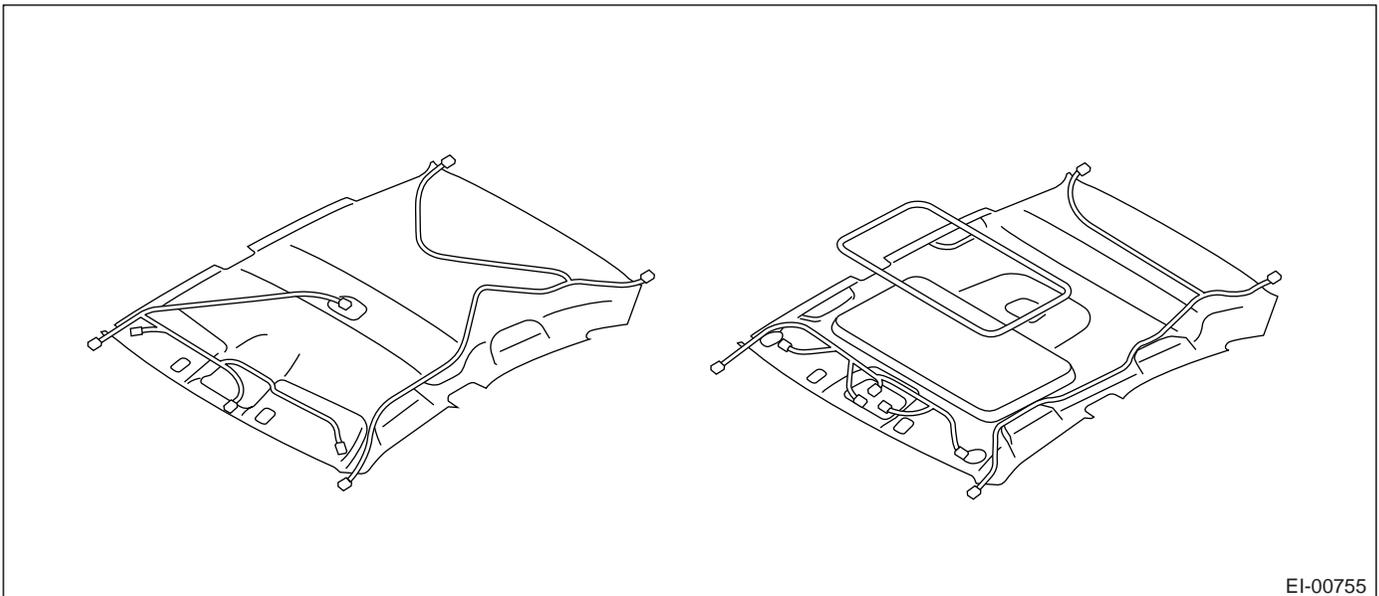
EI-00808

(1) Rear gate panel upper trim

(2) Rear gate panel pillar trim

(3) Rear gate panel lower trim

23.ROOF TRIM (SEDAN MODEL)

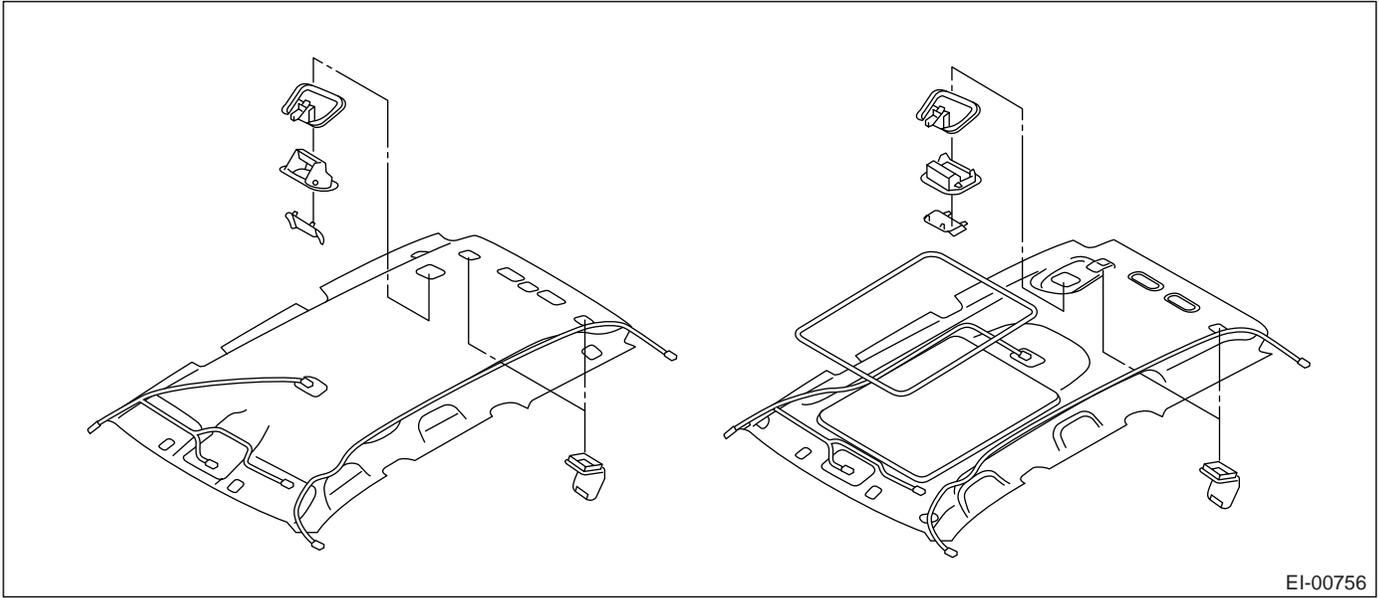


EI-00755

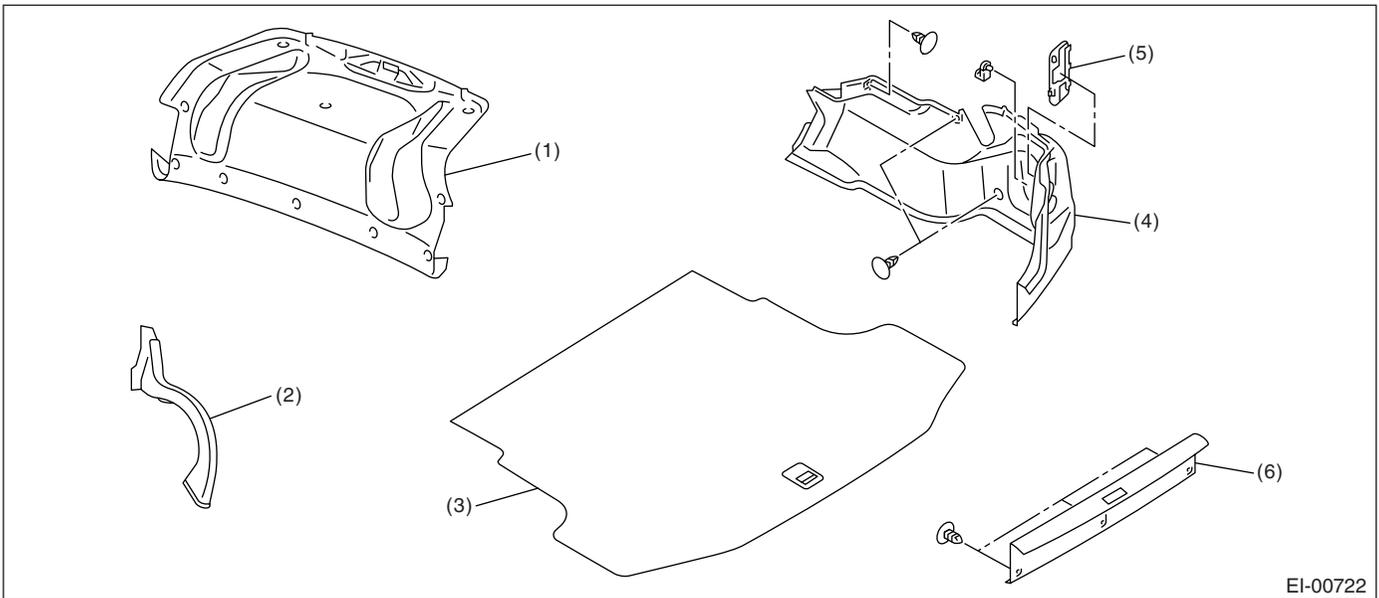
General Description

EXTERIOR/INTERIOR TRIM

24. ROOF TRIM (WAGON MODEL)



25. TRUNK ROOM TRIM

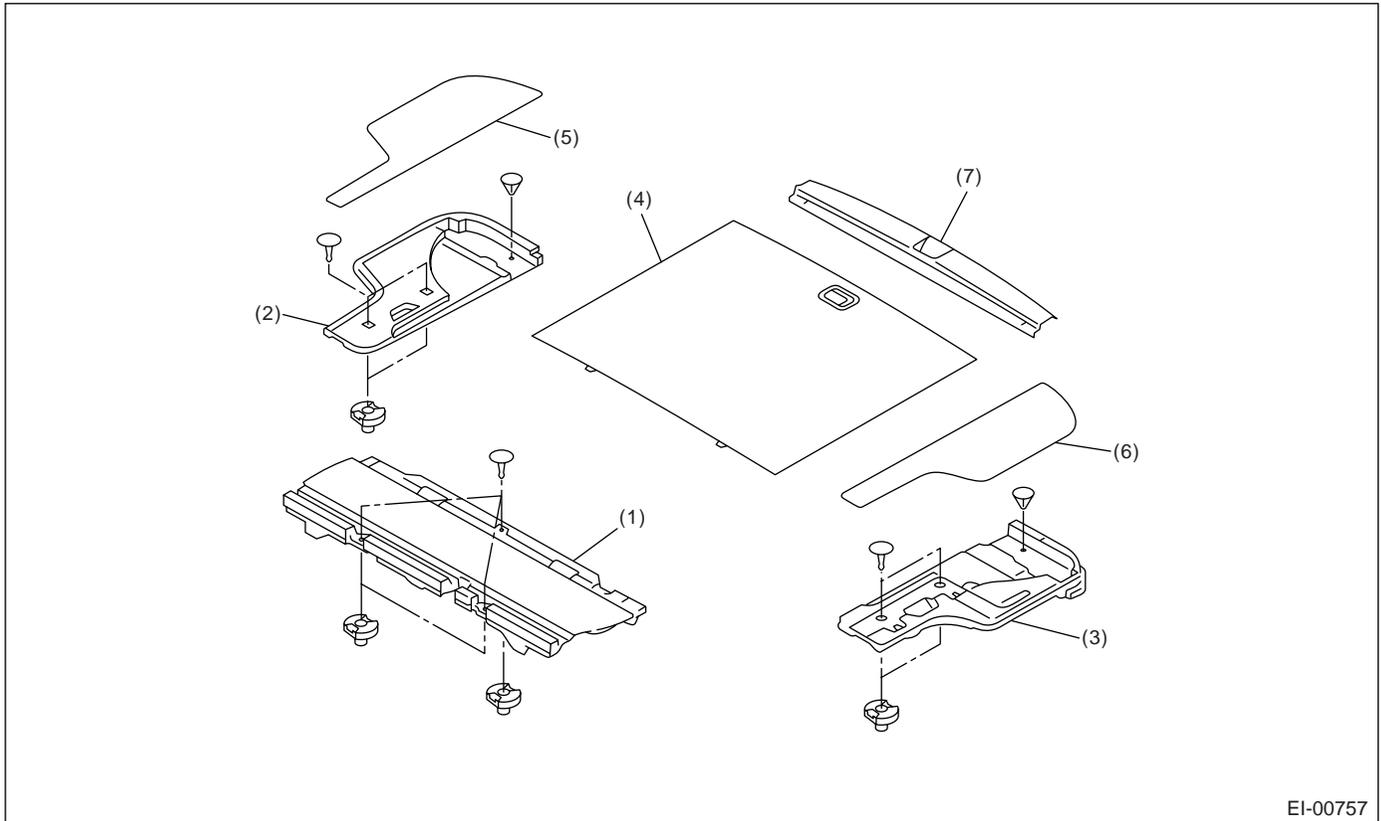


- (1) Trunk lid trim
- (2) Trunk lid arm cover

- (3) Trunk room mat
- (4) Trunk side trim

- (5) Combination light cover
- (6) Trunk room end cover

26.LUGGAGE FLOOR MAT



EI-00757

- (1) Front floor mat
- (2) Floor box (RH)
- (3) Floor box (LH)

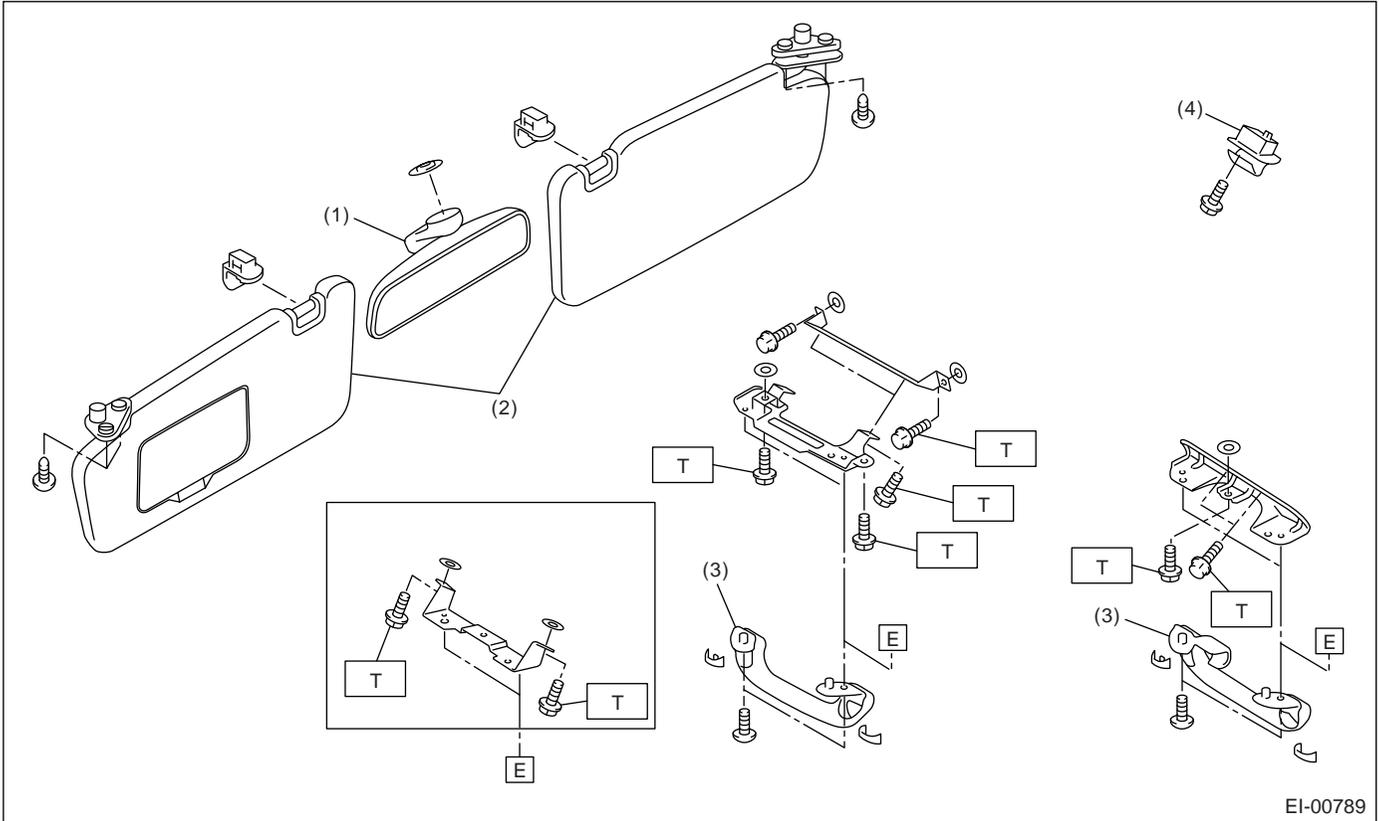
- (4) Center floor mat
- (5) Side floor mat (RH)
- (6) Side floor mat (LH)

- (7) Luggage floor end cover

General Description

EXTERIOR/INTERIOR TRIM

27.ROOM INNER PARTS

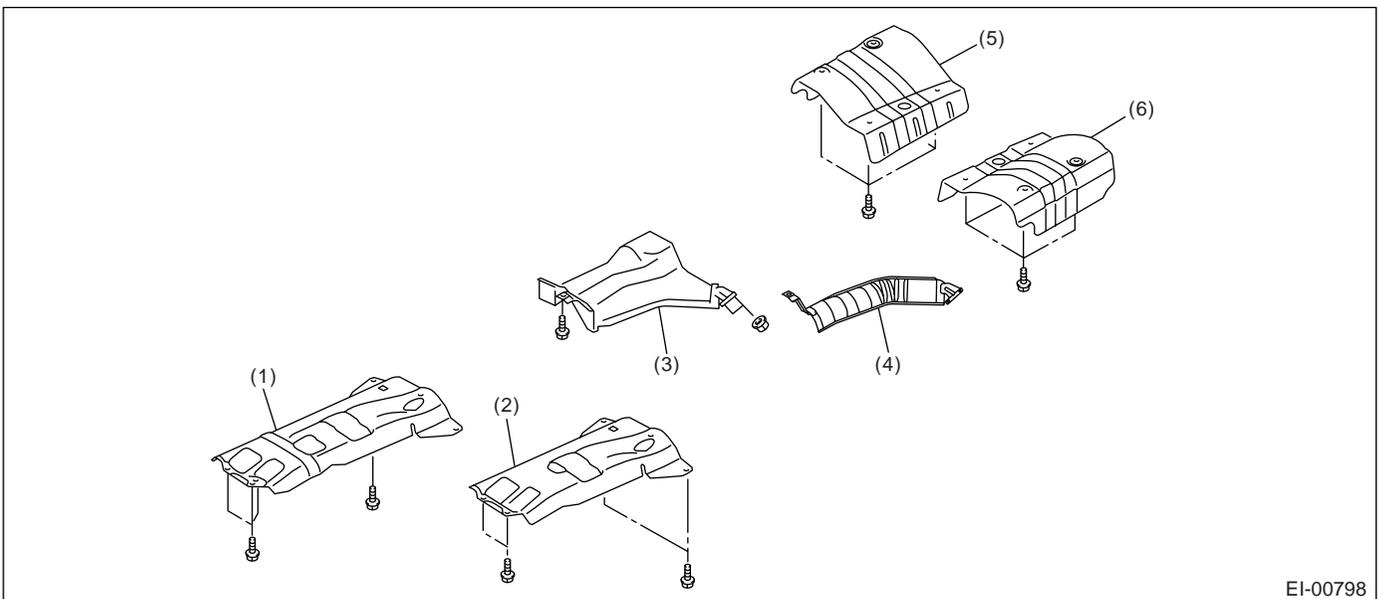


EI-00789

- (1) Room mirror
- (2) Sun visor
- (3) Assist grip
- (4) Coat hook (Wagon model)

Tightening torque: N·m (kgf·m, ft·lb)
T: 7.4 (0.75, 5.46)

28.HEAT SHIELD COVER



EI-00798

- (1) Front heat shield cover (5AT model)
- (2) Front heat shield cover (4AT model and MT model)
- (3) Center heat shield cover (Turbo model)
- (4) Center heat shield cover (Non-turbo model)
- (5) Rear heat shield cover RH
- (6) Rear heat shield cover LH

General Description

EXTERIOR/INTERIOR TRIM

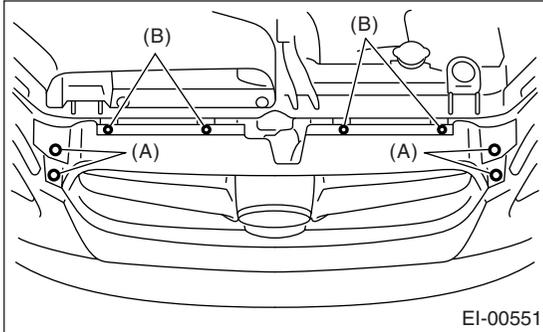
B: PREPARATION TOOL

TOOL NAME	REMARKS
Clip remover	Used for removal of trim.
Clip clamp pliers	Used for removal of various clips and clamps.

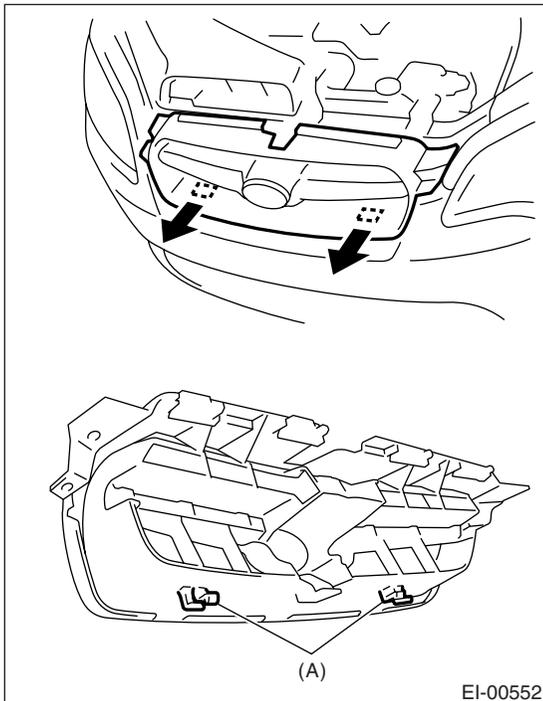
2. Front Grille

A: REMOVAL

- 1) Open the hood.
- 2) Remove the push clips (A) and front grille clips (B) from each side of front grille.



- 3) Remove the clips on the back side of front grille.
- 4) Pull lower side of the front grille forward, remove hooks (A), and then remove the front grille from vehicle body.



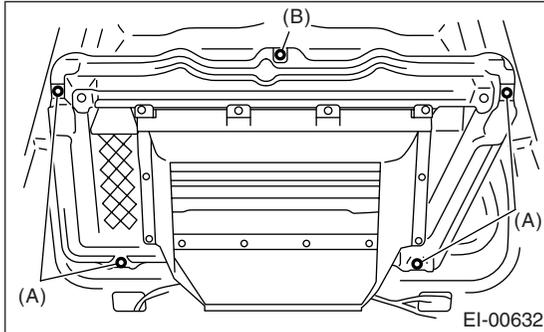
B: INSTALLATION

Install in the reverse order of removal.

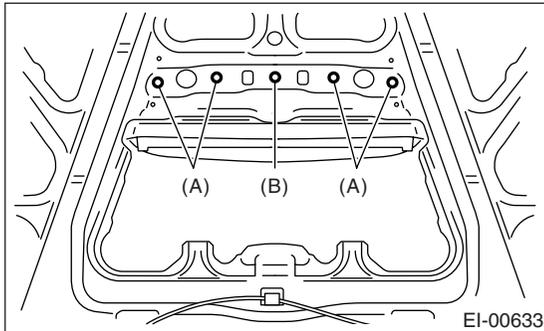
3. Front Hood Grille

A: REMOVAL

- 1) Open the front hood.
- 2) Remove the front hood insulator. <Ref. to EB-13, FRONT HOOD INSULATOR, REMOVAL, Front Hood.>
- 3) Remove the screws (A) and clip (B), and remove the front hood duct.

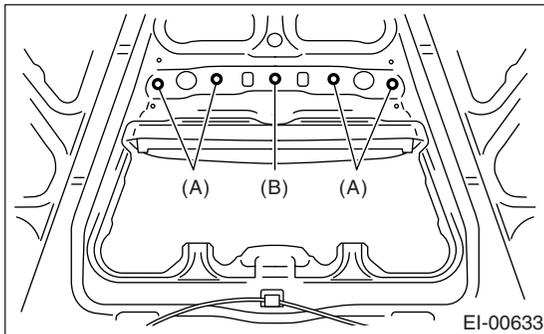


- 4) Loosen the nuts (A), remove the clip (B), and then remove the front hood grille.

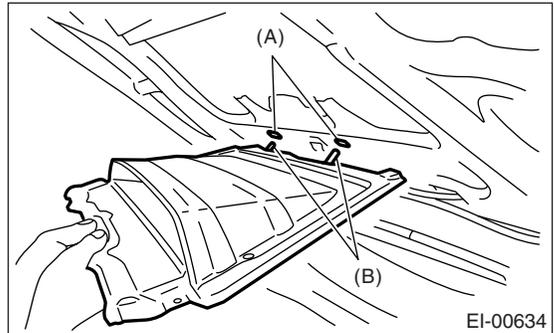


B: INSTALLATION

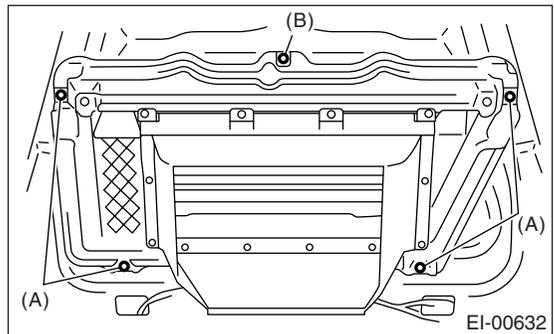
- 1) Fit the clip (B) of front hood grille, and install the front hood grille using nuts (A).



- 2) Insert the hooks (B) of the front hood duct into holes (A) of the front hood.



- 3) Install the front hood duct with the screws (A) and clip (B).



Tightening torque:

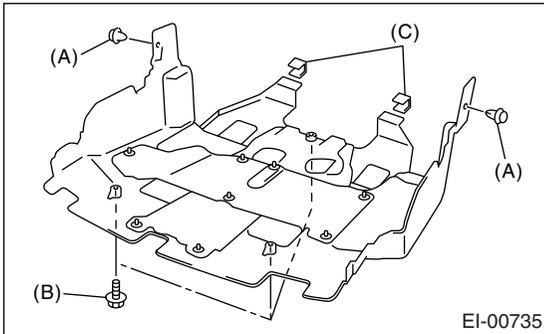
4.5 N·m (0.46 kgf·m, 3.32 ft·lb)

4. Front Under Cover

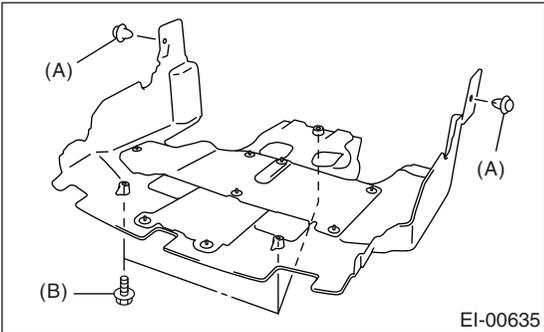
A: REMOVAL

- 1) Lift-up the vehicle.
- 2) Remove the clips (A), (C) and bolts (B) in front fender, and then remove the front under cover.

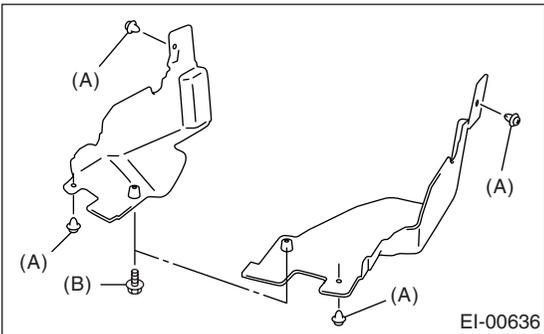
- Large type (Turbo model)



- Large type (DOHC non-turbo model)



- Small type (SOHC non-turbo model)



B: INSTALLATION

Install in the reverse order of removal.

Tightening torque:

14 N·m (1.42 kgf·m, 10.3 ft·lb)

5. Floor Under Protector

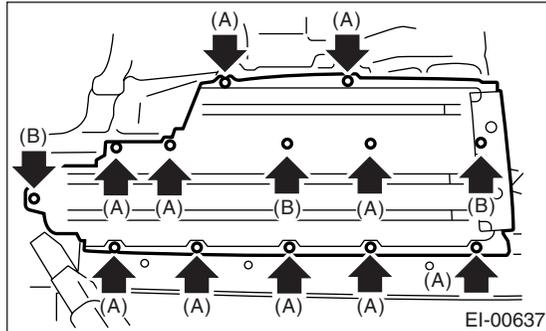
A: REMOVAL

1) Lift-up the vehicle.

NOTE:

Plate type lift can not be used.

2) Remove the push turn clips (A) and bolts (B), and remove the floor under protector.



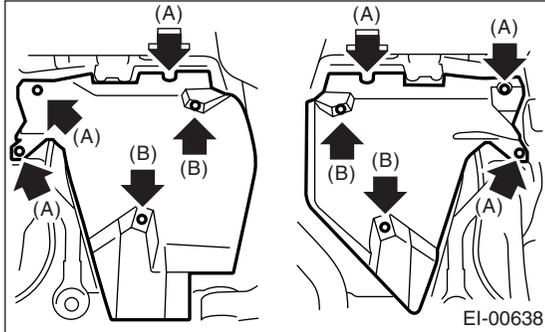
B: INSTALLATION

Install in the reverse order of removal.

6. Fuel Tank Protector

A: REMOVAL

- 1) Lift-up the vehicle.
- 2) Remove the bolts (A) and plastic nuts (B), and then remove the fuel tank protector.



B: INSTALLATION

Install in the reverse order of removal.

Tightening torque:

Bolt

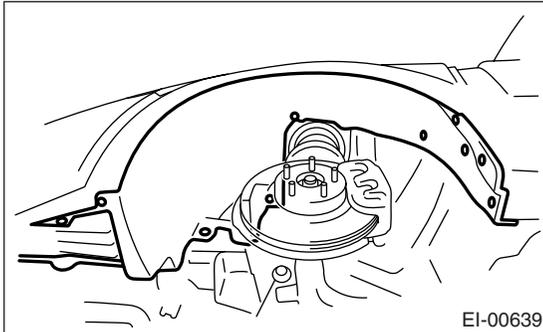
17.5 N·m (1.78 kgf-m, 12.9 ft-lb)

7. Mud Guard

A: REMOVAL

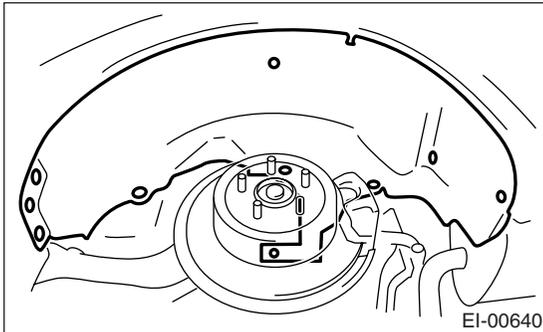
1. FRONT MUD GUARD

- 1) Jack-up the vehicle.
- 2) Remove the front wheels.
- 3) Loosen the screws and clips to remove mud guard.



2. REAR MUD GUARD

- 1) Jack-up the vehicle.
- 2) Remove the rear wheels.
- 3) Loosen the screws and clips to remove mud guard.



B: INSTALLATION

1. FRONT MUD GUARD

Install in the reverse order of removal.

2. REAR MUD GUARD

Install in the reverse order of removal.

Front Bumper

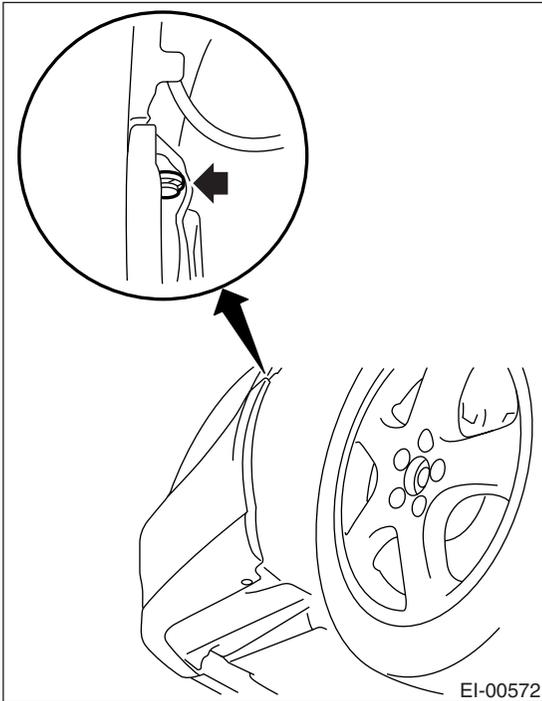
EXTERIOR/INTERIOR TRIM

8. Front Bumper

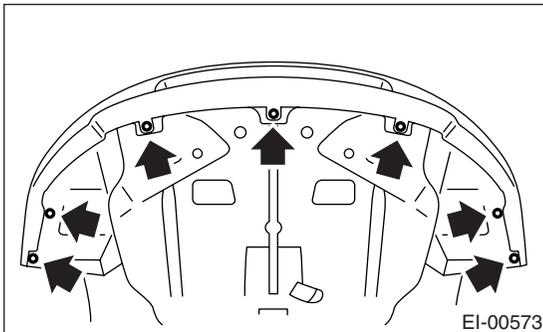
A: REMOVAL

1. FRONT BUMPER FACE

- 1) Disconnect the ground cable from battery.
- 2) Remove the front grille. <Ref. to EI-24, REMOVAL, Front Grille.>
- 3) Turn over the front mud guard, and remove the clips connecting the fender and bumper.



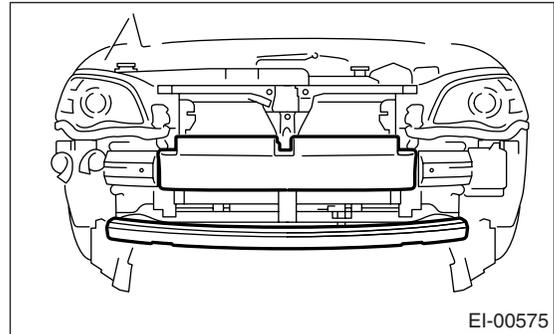
- 4) Remove the clips at the lower side of bumper.



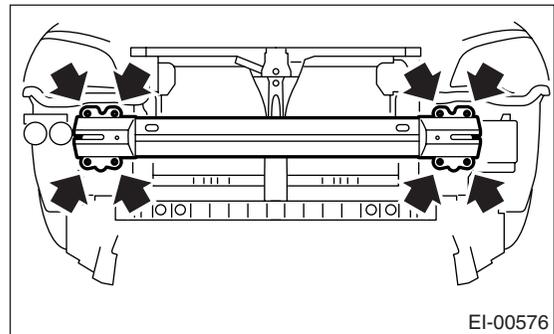
- 5) Disconnect the fog light connector. (Model with fog light)
- 6) Remove the bumper from vehicle body.
- 7) Remove the fog light from bumper face. <Ref. to LI-21, REMOVAL, Front Fog Light Assembly.>

2. FRONT BUMPER BEAM ASSEMBLY

- 1) Disconnect the ground cable from battery.
- 2) Remove the front grille. <Ref. to EI-24, REMOVAL, Front Grille.>
- 3) Remove the front bumper face. <Ref. to EI-30, FRONT BUMPER FACE, REMOVAL, Front Bumper.>
- 4) Remove the energy absorber foam from bumper beam.



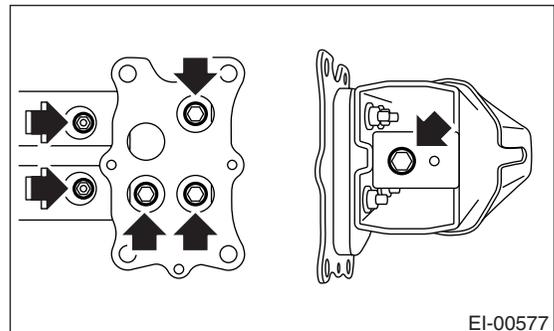
- 5) Remove the bolts, and remove the bumper beam assembly from vehicle body.



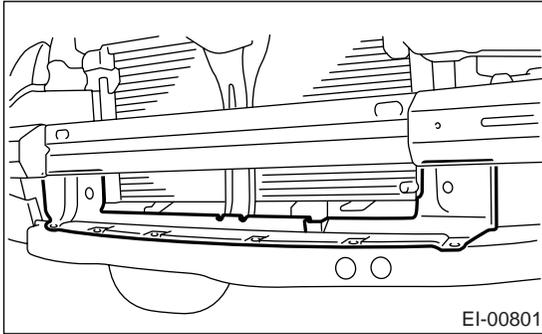
NOTE:

After all bolts are removed, raise the whole bumper beam a little to remove it from vehicle body.

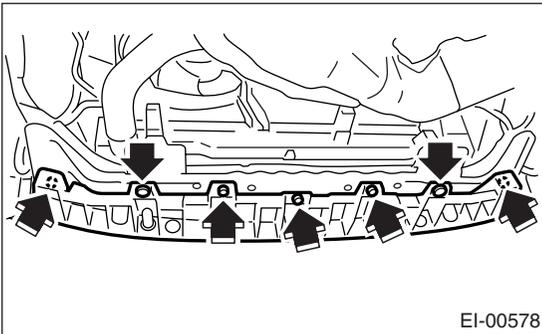
- 6) Remove the bolts and nuts, and disassemble the bumper beam.



7) Remove the clips, and remove the radiator guide.



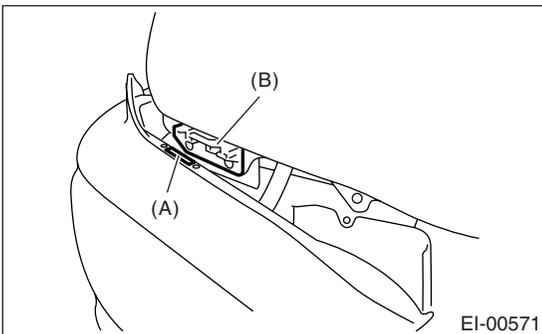
8) Remove the bolts and clips, and remove the bumper lower center bracket.



B: INSTALLATION

1. FRONT BUMPER FACE

- 1) Install in the reverse order of removal.
- 2) Fit the slider (A) to the guide plate (B) securely.



2. FRONT BUMPER BEAM ASSEMBLY

Install in the reverse order of removal.

Tightening torque:

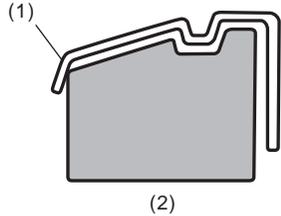
Refer to "COMPONENT" of "General Description". <Ref. to EI-5, FRONT BUMPER, COMPONENT, General Description.>

Front Bumper

EXTERIOR/INTERIOR TRIM

C: REPAIR

1. COATING METHOD FOR PP BUMPER

Process No.	Process name	Job contents	
1	Bumper installation	Place the bumper on a paint worktable as required. Use the paint worktable conforming to inner shape of bumper when possible.	 <p>(1) Bumper (2) Set bumper section</p> <p style="text-align: right;">EI-00234</p>
2	Masking	Mask specified part (black base) with masking tape. Use masking tape for PP (example, Nichiban No. 533, etc.).	
3	Degreasing, cleaning	Clean all parts to be painted with white gasoline, normal alcohol, etc. to remove dirt, oil, fat, etc.	
4	Primer paint	Apply primer to all parts to be painted, using spray gun. Use primer (clear).	
5	Drying	Dry at normal temperature [10 — 15 min. at 20°C (68°F)]. In half-dried condition, PP primer paint is dissolved by solvent, e.g. thinner, etc. Therefore, if dust or dirt must be removed, use ordinary alcohol, etc.	
6	Top coat paint (I)	Non-colored	Metallic paint
		Use section (block) paint for top coat. • Paint to be used (for each color): Solid paint Hardener PB Thinner T-301 • Mixing ratio: Main agent vs. hardener = 4:1 • Viscosity: 10 — 13 sec./20°C (68°F) • Film thickness: 35 — 45 μ • Spraying pressure: 245 — 343 kPa (2.5 — 3.5 kg/cm ² , 36 — 50 psi)	Use section (block) paint for top coat. • Paint to be used (for each color): Metallic paint Hardener PB Thinner T-306 • Mixing ratio: Main agent vs. hardener = 10:1 • Viscosity: 10 — 13 sec./20°C (68°F) • Film thickness: 15 — 20 μ • Spraying pressure: 245 — 343 kPa (2.5 — 3.5 kg/cm ² , 36 — 50 psi)
7	Drying	Not required.	Dry at normal temperature [more than 10 min. at 20°C (68°F)]. In half-dried condition, avoid dust, dirt.
8	Top coat paint (II)	Not required.	Apply a clear coat to parts with top coat paint (I), three times, at 5 — 7 minutes intervals. • Paint to be used: Metallic paint Hardener PB Thinner T-301 • Mixing ratio: Clear coat vs. hardener = 6:1 • Viscosity: 14 — 16 sec./20°C (68°F) • Film thickness: 25 — 30 μ • Spraying pressure: 245 — 343 kPa (2.5 — 3.5 kg/cm ² , 36 — 50 psi)
9	Drying	60°C (140°F), 60 min. or 80°C (176°F), 30 min. If higher than 80°C (176°F), PP may be deformed. Keep maximum temperature at 80°C (176°F).	
10	Inspection	Paint check.	
11	Masking removal	Remove masking tape applied in process No. 2.	

2. REPAIR INSTRUCTIONS FOR COLORED PP BUMPER

NOTE:

All PP bumpers are provided with a grained surface, and if the surface is damaged, it cannot normally be restored to its former condition. Damages limited to the shallow scratches that cause only a change in the luster of the base material or coating, can be almost fully restored. Before repairing a damaged area, explain this point to the customer and obtain an understanding about the matter. Repair methods are outlined below, based on a classification of the extent of damage.

1) Minor damage causing only a change in the lustre of the bumper due to a light touch
Almost restorable.

Process No.	Process name	Job contents	
1	Cleaning	Clean the area to be repaired using water.	
2	Sanding	Grind the repairing area with #500 sand paper in a "feathering" motion.	
3	Finish	Resin section	Coated section
		Repeatedly apply wax to the affected area using a soft cloth (such as flannel). Recommended wax: NITTO KASEI Soft 99 TIRE WAX BLACK, or equivalent.	
		Polish the waxed area with a clean cloth after 5 to 10 minutes.	Perform either the same process as for the resin section or process No. 18 and subsequent in the "3)" section, depending on the degree and nature of damage.

2) Deep damage caused by scratching with fences, etc.
A dent cannot be repaired but a whitened or swelled part can be removed.

Process No.	Process name	Job contents	
1	Cleaning	Clean damaged area with water.	
2	Removal of damaged area	Cut off protruding area, if any, due to collision, using a putty knife.	
3	Sanding	Grind the affected area with #100 to #500 sand paper.	
4	Finish	Resin section	Coated section
		Same as Process No. 3 in the "1)" section.	Perform Process No. 12 and subsequent operations in the "3)" section.

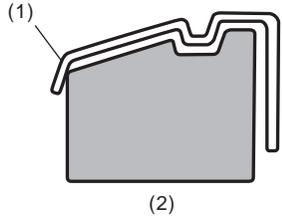
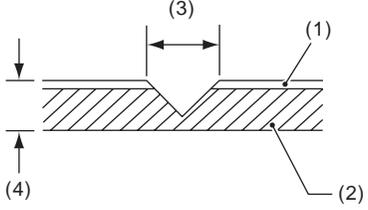
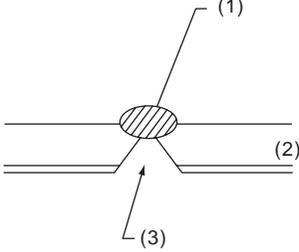
Front Bumper

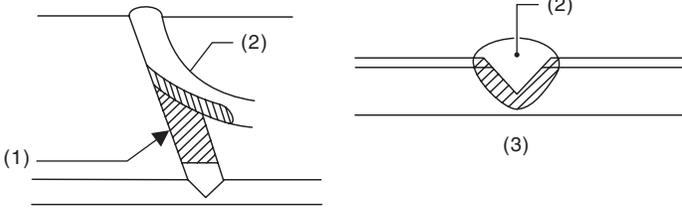
EXTERIOR/INTERIOR TRIM

3) Deep damage such as a break or hole that requires filling

Much of the peripheral grained surface must be sacrificed for repair. The degree of restoration is not really worth the expense. (The surface, however, will become almost flush with adjacent areas.)

Recommended repair kit: PP Part Repair Kit (NRM)

Process No.	Process name	Job contents	
1	Bumper removal	Remove the bumper as required.	
2	Removal of parts	Remove the parts built into bumper as required.	
3	Bumper placement	Place the bumper on a paint worktable as required. It is recommended to use the paint worktable conforming to internal shape of bumper.	 <p>(1) Bumper (2) Set bumper section</p> <p>EI-00234</p>
4	Surface preparation	Remove dust, oil, etc. from areas to be repaired and surrounding areas, using a suitable solvent (NRM No. 900 Precleno, white gasoline, or alcohol, etc.).	
5	Cutting	If nature of damage are cracks or holes, cut a guide slit of 20 to 30 mm (0.79 to 1.18 in) in length along the crack or hole up to the bumper's base surface. Then, bevel or "vee-out" the affected area using a knife or grinder.	 <p>(1) Paint surface (2) PP base surface (3) 20 — 30 mm (0.79 — 1.18 in) (4) 3 mm (0.12 in)</p> <p>EI-00235</p>
6	Sanding (I)	Grind beveled surface with sand paper (#40 to #60) to smooth finish.	
7	Cleaning	Clean the sanded surface with the same solvent as used in Process No. 4.	
8	Temporary welding	Grind the side just opposite the beveled area with sand paper (#40 to #60) and clean using a solvent. Temporarily spot-weld the side, using a PP welding rod and heater gun.	 <p>(1) Welded point (Use heater gun and PP welding rod) (2) PP base surface (3) Beveled section</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Do not melt welding rod until it flows out. This results in reduced strength. • Leave the welded spot unattended until it cools completely. <p>EI-00236</p>

Process No.	Process name	Job contents
9	Welding	<p>Using a heater gun and PP welding rod, weld the beveled spot while melting the rod and damaged area.</p> <div style="text-align: center;">  </div> <p style="text-align: right;">EI-00237</p> <p>(1) Welding rod (2) Melt hatched area (3) Section</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Melt the sections indicated by hatched area. • Do not melt the welding rod until it flows out, in order to provide strength. • Always keep the heater gun 1 to 2 cm (0.4 to 0.8 in) away from the welding spot. • Leave the welded spot unattended until it cools completely.
10	Sanding (II)	<p>Remove excess part of weld with a putty knife. If a drill or disc wheel is used instead of the knife, operate it at a rate lower than 1,500 rpm and grind the excess part little by little. A higher rpm will cause the PP substrate to melt from the heat.</p> <div style="text-align: center;">  </div> <p style="text-align: right;">EI-00042</p> <p>Sand the welded spot smooth with #240 sand paper.</p>
11	Masking	<p>Mask the black substrate section using masking tape. Recommended masking tape: Nichiban No. 533 or equivalent</p>
12	Cleaning/ degreasing	<p>Completely clean the entire coated area, using solvent similar to that used in Process No. 4.</p>
13	Primer coating	<p>Apply a coat of primer to the repaired surface and its surrounding areas. Mask these areas, if necessary. Recommended primer: Mp/ 364 PP Primer</p> <p>NOTE: Be sure to apply coat of primer at a spraying pressure of 245 — 343 kPa (2.5 — 3.5 kg/cm², 36 — 50 psi) with a spray gun.</p>
14	Leave unattended	<p>Leave the repaired area unattended at 20°C (68°F) for 10 to 15 minutes until primer is half-dry.</p> <p>NOTE: If dirt or dust comes in contact with the coated area, wipe it off with a cloth with alcohol. (Do not use thinner since the coated area tends to melt.)</p>
15	Primer surfacer coating	<p>Apply a coat of primer surfacer to the repaired area two or three times at an interval of 3 to 5 minutes.</p> <p>Recommended surfacer:</p> <ul style="list-style-type: none"> • UPS 300 Flex Primer • No. 303 UPS 300 Exclusive hardener • NPS 725 Exclusive Reducer (thinner) • Mixing ratio: 2 : 1 (UPS 300 : No. 303) • Viscosity: 12 — 14 sec./20°C (68°F) • Coating film thickness: 40 — 50 μ

Front Bumper

EXTERIOR/INTERIOR TRIM

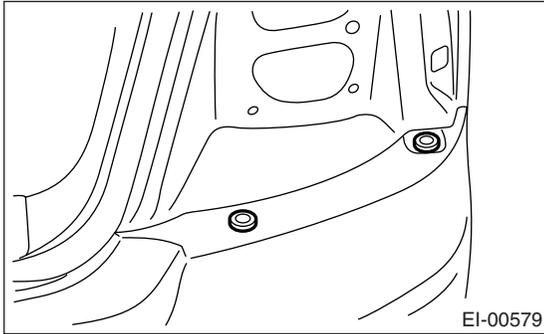
Process No.	Process name	Job contents	
16	Drying	Allow the coated surface to dry for 20 minutes at 20°C (68°F) [or 30 minutes at 60°C (140°F)].	
17	Sanding (III)	Sand the coated surface and its surrounding areas using #400 sand paper and water.	
18	Cleaning/ degreasing	Same as Process No. 12.	
19	Top coat (I)	Non-colored	Metallic paint
		Use a "block" coating method. <ul style="list-style-type: none"> • Recommended paint: Suncryl (SC) No. 307 Flex Hardener SC Reducer (thinner) • Mixing ratio: Suncryl (SC) vs. No. 307 Flex Hardener = 3 : 1 • Viscosity: 11 — 13 sec./20°C (68°F) • Coating film thickness: 40 — 50 μ • Spraying pressure: 245 — 343 kPa (2.5 — 3.5 kg/cm², 36 — 50 psi) 	Use a "block" coating method. <ul style="list-style-type: none"> • Recommended paint: Suncryl (SC) No. 307 Flex Hardener SC Reducer (thinner) • Mixing ratio: Suncryl (SC) vs. No. 307 Flex Hardener = 3 : 1 • Viscosity: 11 — 13 sec./20°C (68°F) • Coating film thickness: 20 — 30 μ • Spraying pressure: 245 — 343 kPa (2.5 — 3.5 kg/cm², 36 — 50 psi)
20	Leave unattended	Not required.	Leave unattended at 20°C (68°F) for at least 10 minutes until the topcoated area is half-dry. NOTE: Be careful to keep dust or dirt from coming in contact with the affected area.
21	Top coat (II)	Not required.	Apply a clear coat three times at an interval of 3 to 5 minutes. <ul style="list-style-type: none"> • Recommended paint: SC710 Overlay Clear No. 307 Flex Hardener SC Reducer (thinner) • Mixing ratio: Suncryl (SC) vs. No. 307 Flex Hardener = 3 : 1 • Viscosity: 10 — 13 sec./20°C (68°F) • Coating film thickness: 20 — 30 μ • Spraying pressure: 245 — 343 kPa (2.5 — 3.5 kg/cm², 36 — 50 psi)
22	Drying	Allow the coated surface to dry for 2 hours at 20°C (68°F) or 30 minutes at 60°C (140°F). NOTE: Do not allow the temperature to exceed 80°C (176°F) since this will deform the PP substrate.	
23	Inspection	Carefully check the condition of the repaired area.	
24	Masking removal	Remove the masking tape applied in Process No. 11 and 13.	
25	Parts installation	Install parts on the bumper in reverse order of removal.	
26	Bumper installation	Install the bumper.	

9. Rear Bumper

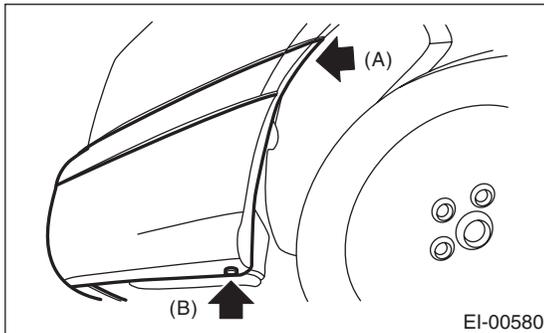
A: REMOVAL

1. REAR BUMPER FACE

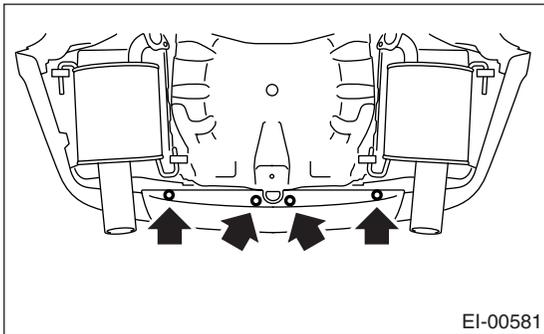
- 1) Disconnect the ground cable from battery.
- 2) Remove the rear combination light assembly.
<Ref. to LI-25, REMOVAL, Rear Combination Light Assembly.>
- 3) Remove the two clips.



- 4) Turn over the mud guard, and remove the bolt (A) inside wheel house, and the clips (B) on the lower side of bumper.

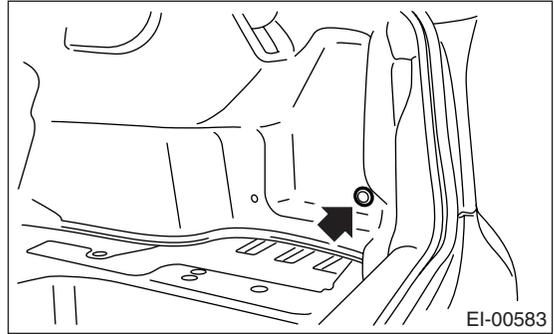


- 5) Remove the clips on the lower side of rear bumper.

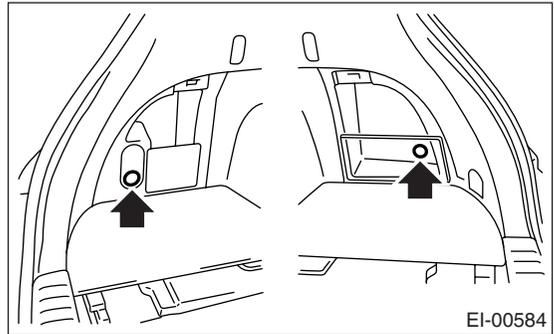


- 6) Remove the service hole cover, and remove the bolt.

- Sedan model: trunk side trim

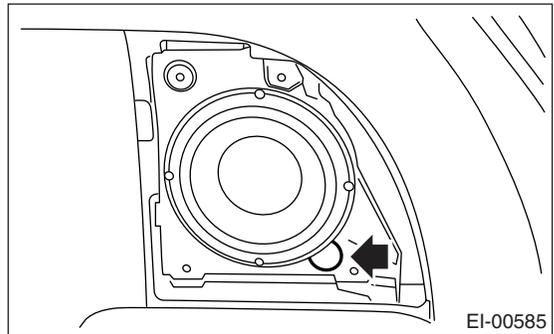


- Wagon model: rear quarter lower trim

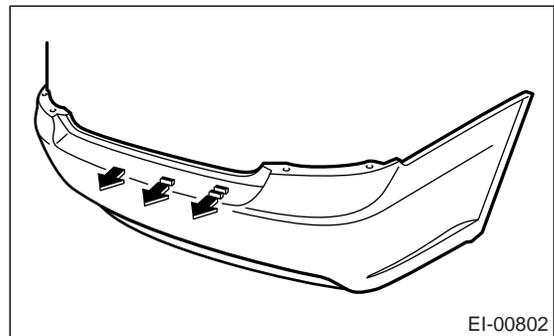


NOTE:

For model with McIntosh Audio, remove the woofer cover.



- 7) Remove the rear bumper from vehicle body.



NOTE:

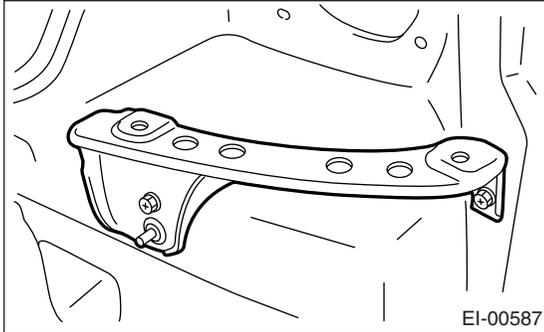
- Do not pull with a excessive force. Otherwise the bracket installation area may be damaged.
- Remove from the end in order.

Rear Bumper

EXTERIOR/INTERIOR TRIM

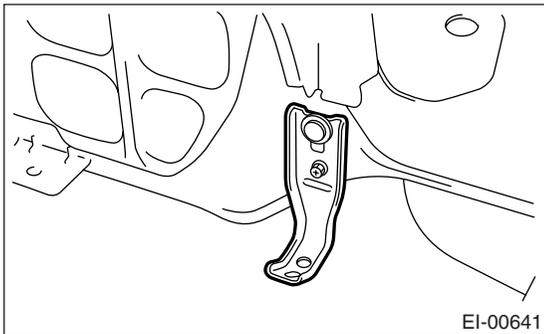
2. REAR BUMPER BRACKET

- 1) Remove the rear bumper face from vehicle body.
- 2) Remove the rear bumper bracket corner from vehicle body. (both sides)

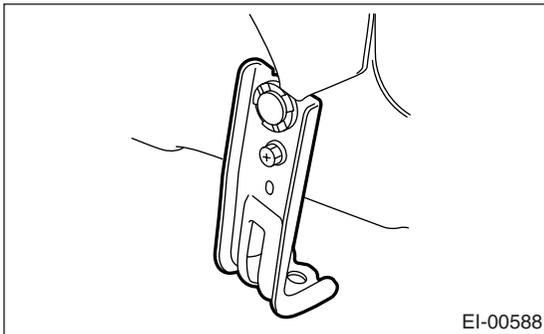


- 3) Remove the lower brackets from vehicle body.

- Sedan model: 2 places



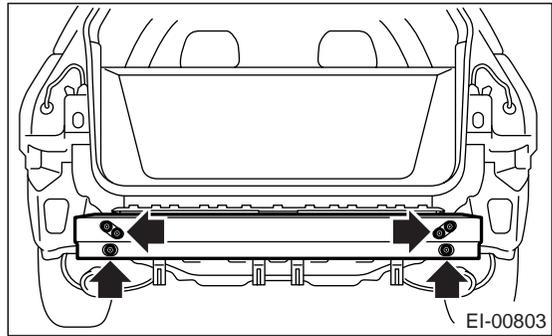
- Wagon model: 4 places



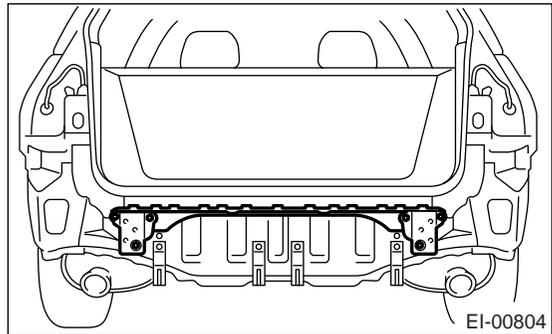
3. REAR BUMPER BEAM ASSEMBLY

- 1) Disconnect the ground cable from battery.
- 2) Remove the rear bumper face. <Ref. to EI-37, REAR BUMPER FACE, REMOVAL, Rear Bumper.>

- 3) Remove the nuts, and remove the beam main reinforcement from vehicle body.



- 4) Remove the nuts, and remove the bumper beam bracket and beam upper rear from vehicle body.



B: INSTALLATION

1. REAR BUMPER FACE

- 1) Install the beam upper rear to vehicle body.
- 2) Install the bumper face to vehicle body.

NOTE:

If the bumper face is easily come off the beam upper rear, adjust the hook area of the bracket side.

- 3) Install in the reverse order of removal.

Tightening torque:

Refer to "COMPONENT" of "General Description".

<Ref. to EI-6, REAR BUMPER (SEDAN MODEL), COMPONENT, General Description.>

2. REAR BUMPER BRACKET

Install in the reverse order of removal.

3. REAR BUMPER BEAM ASSEMBLY

Install in the reverse order of removal.

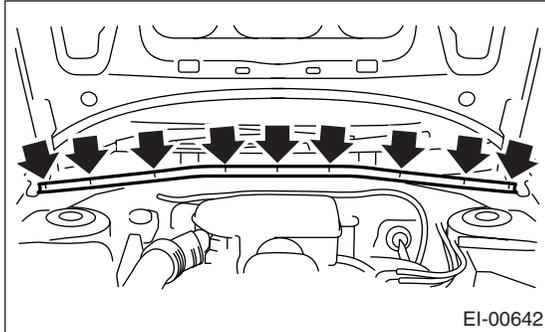
C: REPAIR

Refer to the description for front bumper repair. <Ref. to EI-30, REMOVAL, Front Bumper.>

10.Cowl Panel

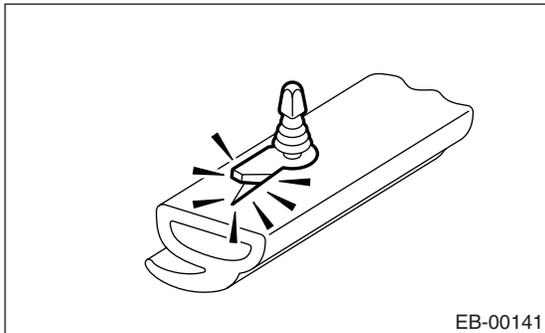
A: REMOVAL

- 1) Open the hood.
- 2) Remove the wiper arm. <Ref. to WW-17, REMOVAL, Front Wiper Arm.>
- 3) Remove the weather strip clip, and remove the weather strip.

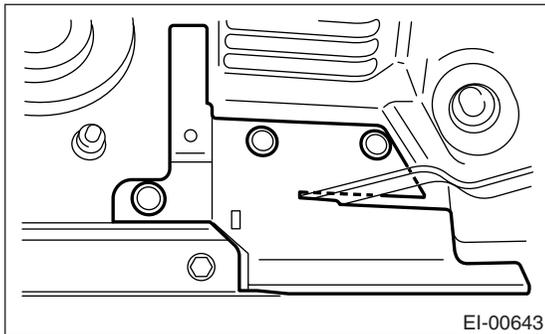


NOTE:

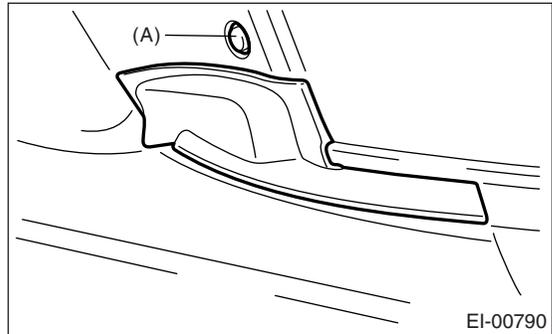
If the weather strip clip is removed with excessive force, the weather strip may be damaged. Be sure to use a clip remover to remove.



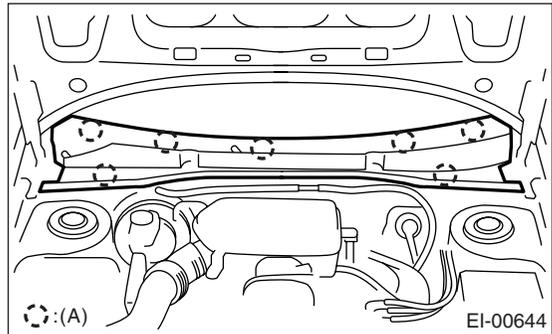
- 4) Remove the clip, and remove the cover cowl panel.



- 5) Remove the cowl panel side and clip (A).



- 6) Remove the clips (A), and remove the cowl panel.



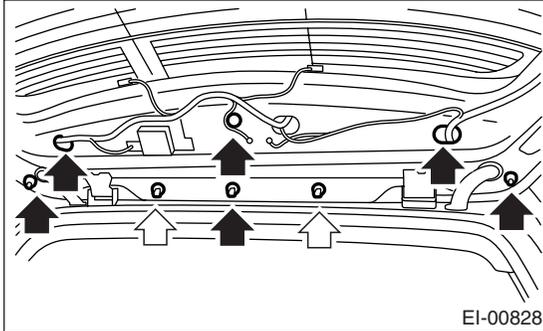
B: INSTALLATION

Install in the reverse order of removal.

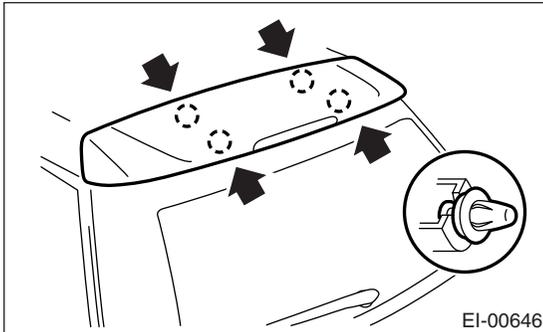
11. Roof Spoiler

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the rear gate trim. <Ref. to EI-69, REMOVAL, Rear Gate Trim.>
- 3) Disconnect the connector of the high mounted stop light and the washer hose of rear washer.
- 4) Remove the cap nut and plastic caps.



- 5) Remove the clips, and remove the roof spoiler.



B: INSTALLATION

Install in the reverse order of removal.

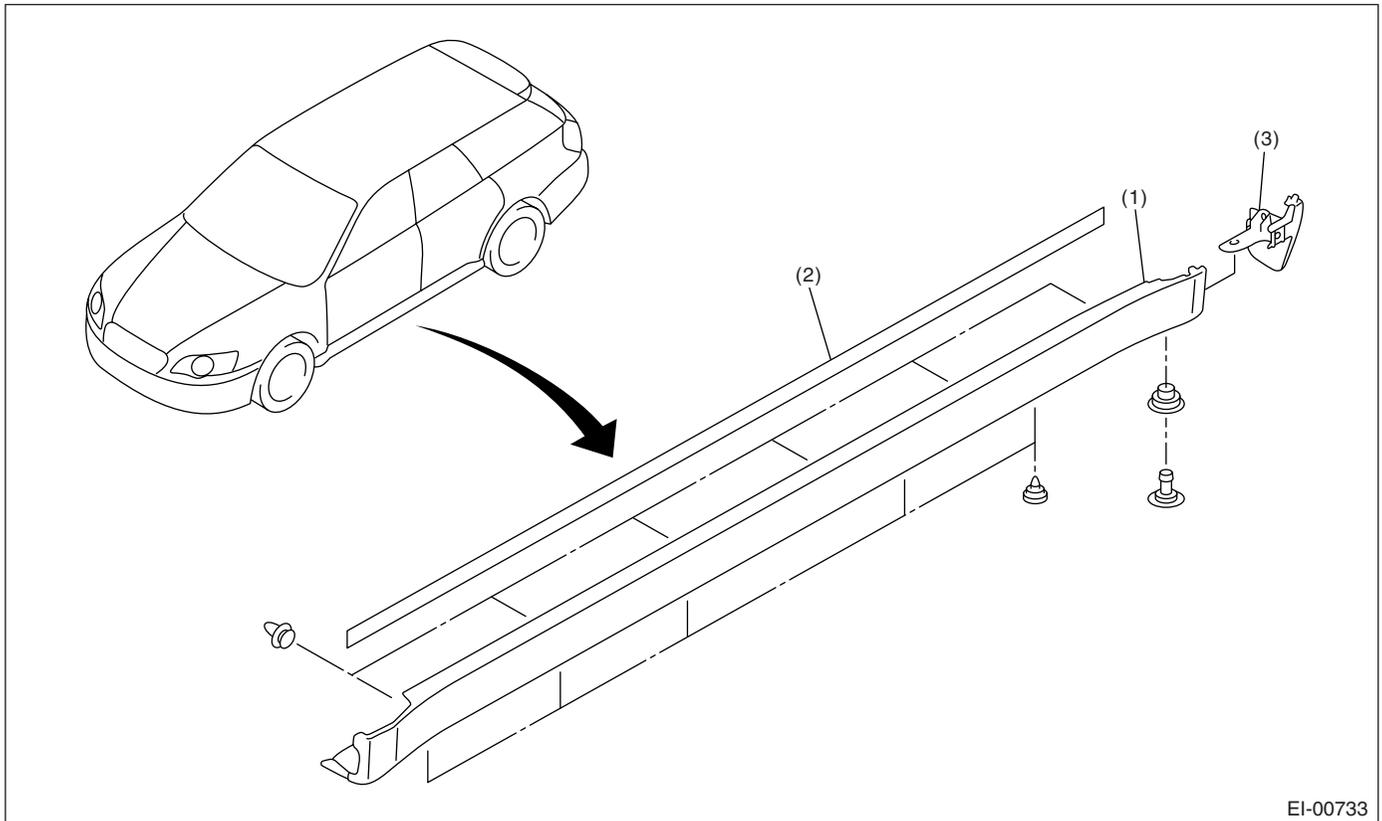
Tightening torque:

4.5 N·m (0.46 kgf·m, 3.32 ft·lb)

12.Side Sill Spoiler

A: REMOVAL

Remove the clips (two for front fender arch area, six for side sill spoiler lower area), and remove the side spoiler.



EI-00733

(1) Side sill spoiler

(2) Double-sided tape

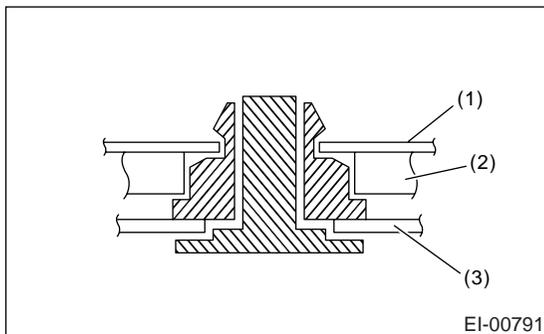
(3) End cover

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

For the rearmost clip securing side sill spoiler, install through the end cover.



EI-00791

(1) Vehicle body

(2) End cover

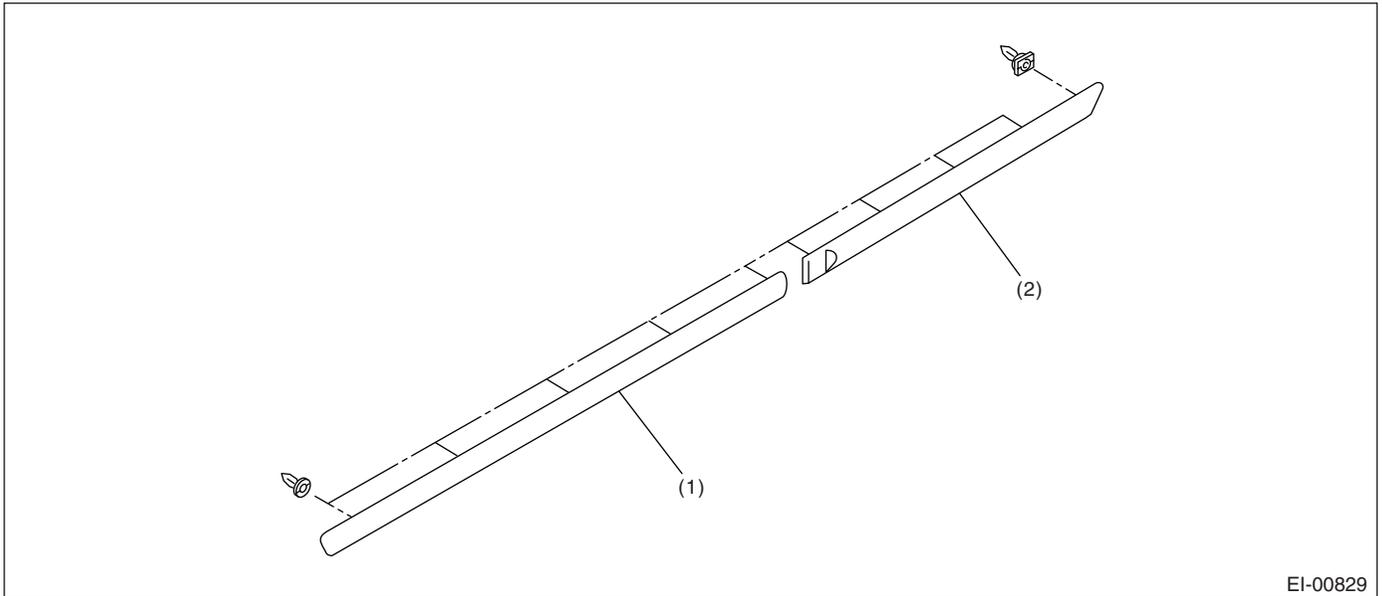
(3) Side sill spoiler

Side Protector

EXTERIOR/INTERIOR TRIM

13.Side Protector

A: REMOVAL



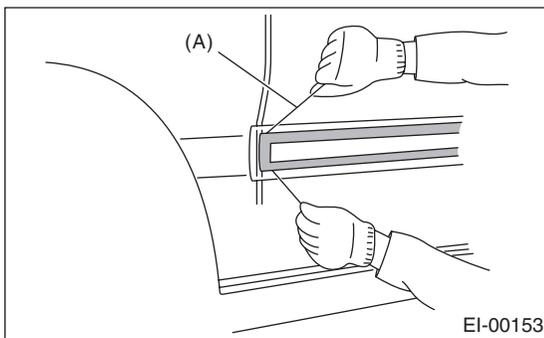
EI-00829

(1) Front door protector

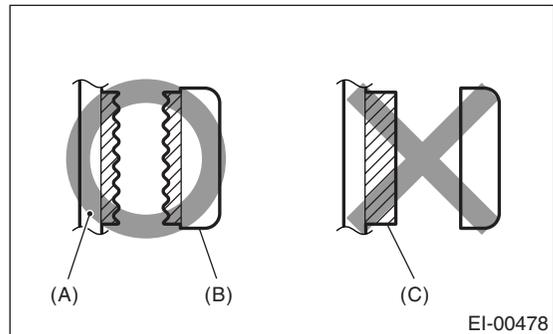
(2) Rear door protector

1) Slide in a thin thread (A) of 0.8 mm (0.031 in) diameter or less (fishing line etc.) between body and protector, cut the double-sided tape, and pull the protector toward you, and remove the clip using clip remover.

- If the double-sided tape remains thick on the surface due to interfacial peeling, apply the solvent after slicing off the double-sided tape using a cutter.



EI-00153



EI-00478

(A) Panel

(B) Side protector

(C) Double-sided tape

NOTE:

- To optimize the effect of solvent, slide the thread along body without removing the double-sided tape on the surface of body and spoiler.
- If it is difficult to detach the double-sided tape, warm up to approx. 40°C (104°F).

- 2) Apply masking tape around the double-sided tape remaining on the surface of body or spoiler.
- 3) Apply solvent uniformly on double-sided tape using a brush.

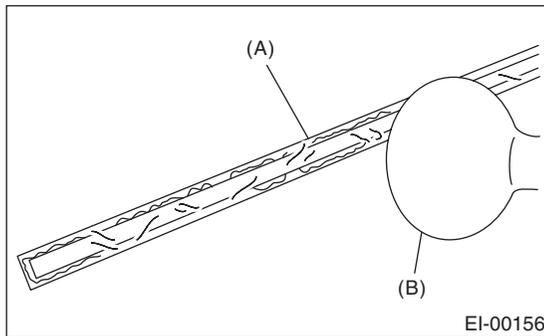
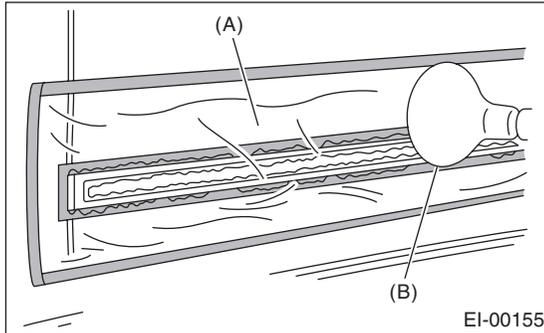
CAUTION:

- Do not use the solvent to the body which is repaired with lacquer paint.
- Wipe off immediately when the solvent is touched on surface of the body or spoiler.

Solvent:

3M 8907 or equivalent

4) Cover the area where solvent is applied using plastic wrap (A), and then heat the double-sided tape for 5 to 10 minutes in 40 — 60°C (104 — 140°F) using a heat lamp (B).



Double-sided tape:

3M 5531-5 or equivalent

2) Heat the adhering part using a heat lamp.

Body side: 40 — 60°C (104 — 140°F)

Protector side: 20 — 30°C (68 — 86°F)

3) Detach the double-sided tape backing sheet, align the clip position, and then adhere to the body using care to avoid air entering.

CAUTION:

To keep the adhesion, do not wash the vehicle within 24 hours from installation.

CAUTION:

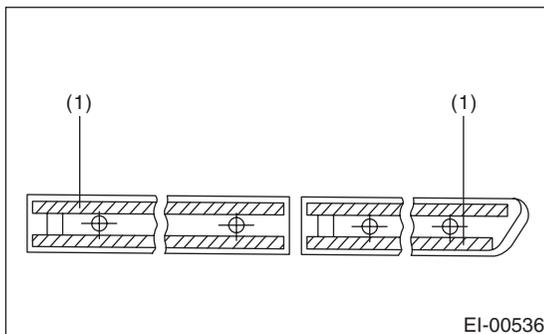
Do not heat the double-sided tape until the surface becomes white and excessively dried.

5) Remove the double-sided tape using a plastic spatula.

6) After completely removing the double-sided tape, detach the masking tape and clean the surface using a cotton cloth damped with white gasoline.

B: INSTALLATION

1) Apply primer to the protector surface where the double-sided tape to be adhered, and then adhere the double-sided tape as shown in the figure.



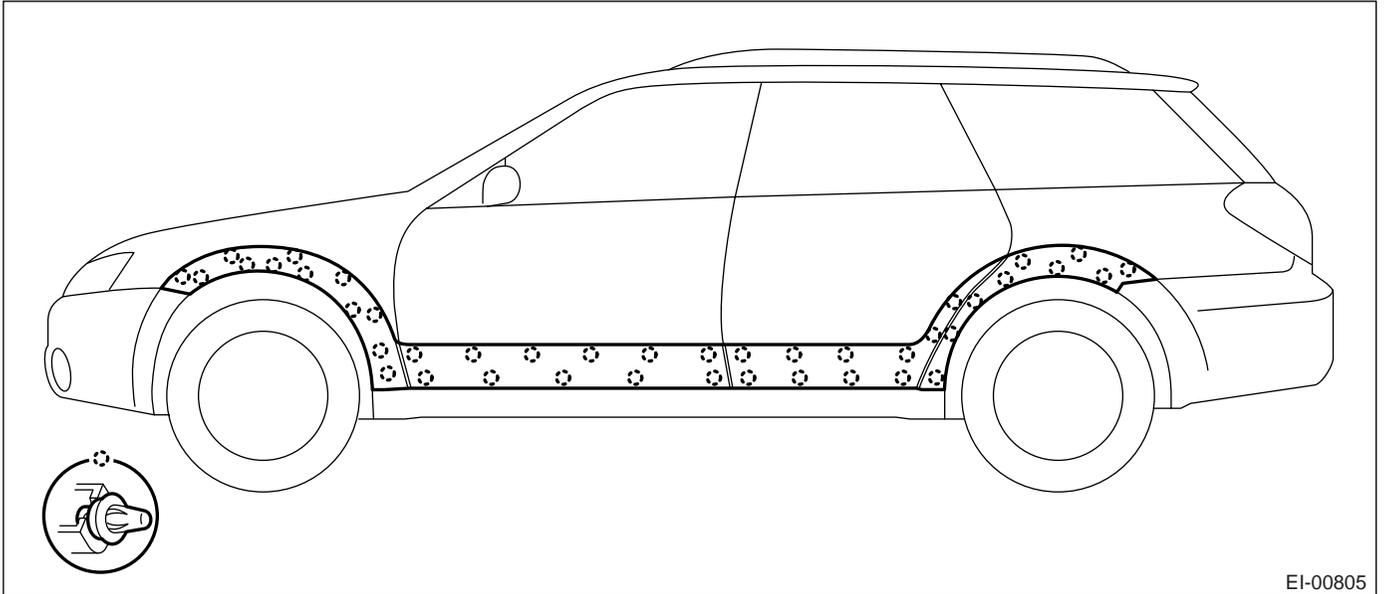
(1) Double-sided tape: thickness 1.2 mm (0.047 in), width 5mm (0.197 in)

Primer:

3M K-500 or equivalent

14.Side Garnish

A: REMOVAL



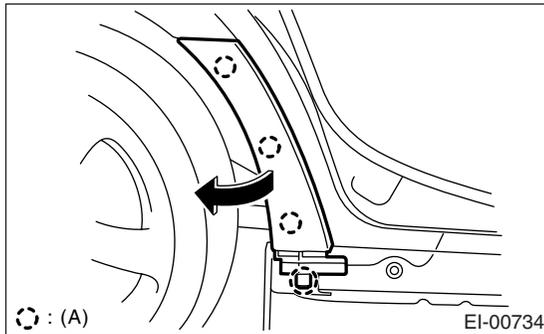
EI-00805

For removal of side garnish, refer to the removal procedure of "Side Protector". <Ref. to EI-42, REMOVAL, Side Protector.>

15.Rear Quarter Protector

A: REMOVAL

- 1) Remove the side sill spoilers. <Ref. to EI-41, REMOVAL, Side Sill Spoiler.>
- 2) Remove the clips (A) with rotating it rearward using the fender arch as a fulcrum, and then remove the rear quarter protector.



B: INSTALLATION

Install in the reverse order of removal.

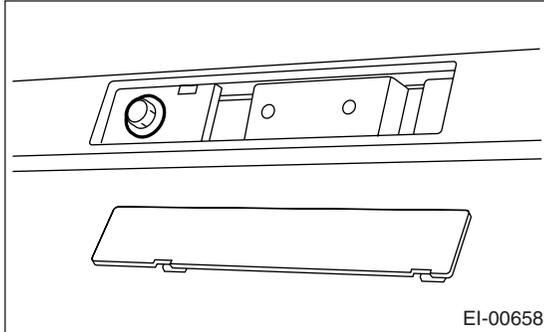
Roof Molding

EXTERIOR/INTERIOR TRIM

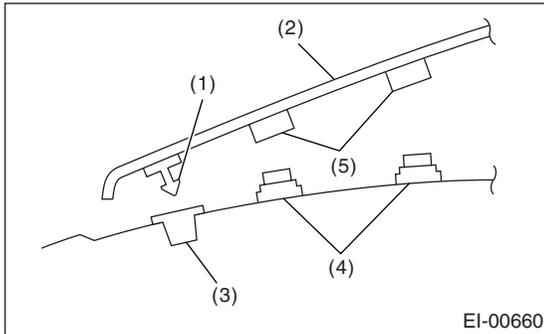
16. Roof Molding

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the roof carrier attachment cover, and remove the bolts. (2 places for each side)



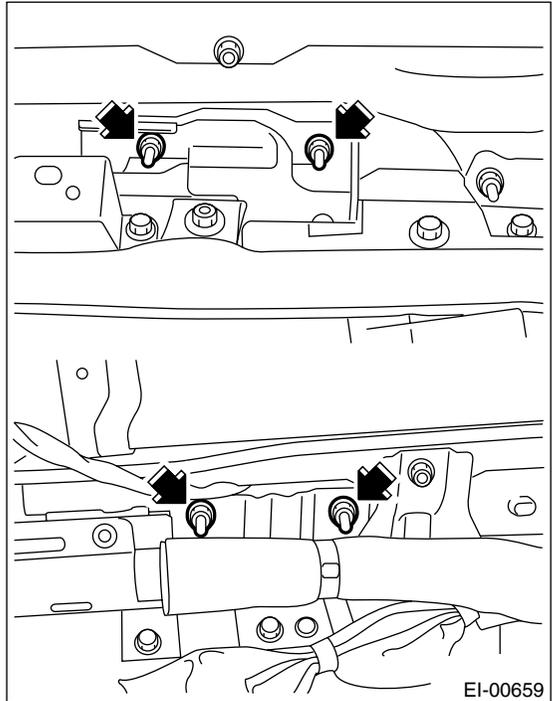
- 3) Pull the roof molding upward, and remove it from vehicle body.



- (1) Locating pin
- (2) Roof molding
- (3) Cap
- (4) Clip
- (5) Grommet

- 4) Remove the roof trim. <Ref. to EI-67, REMOVAL, Roof Trim.>

- 5) Remove the nuts, and remove the roof carrier attachment.



B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

Replace the clip with new one when the broken pin grommet is found during the removal of roof molding. When the body side cap or clip is damaged, or the roof molding is lifted or peeled from body, be sure to repair them correctly, because those troubles may cause the water leakage.

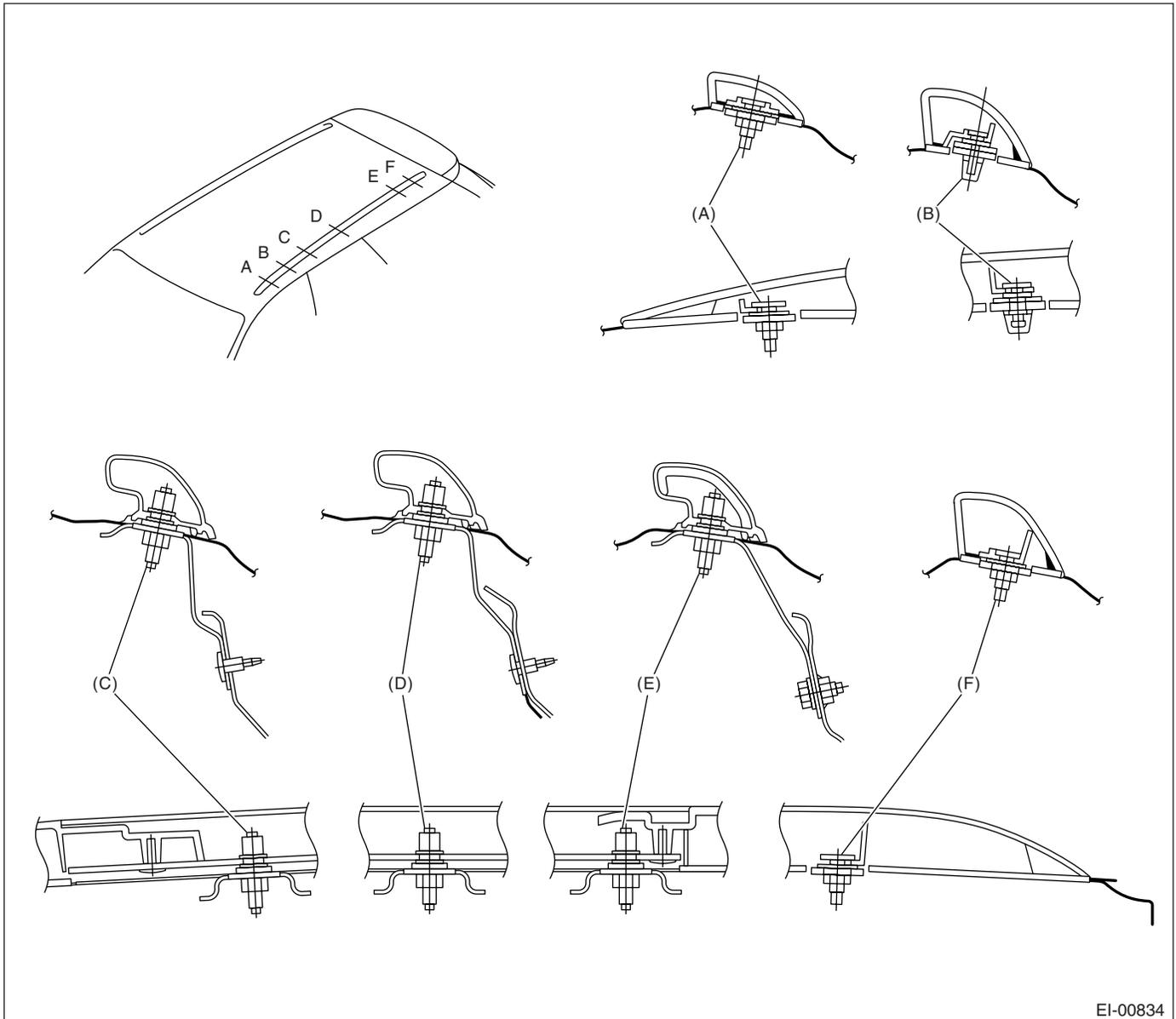
Tightening torque:

7.5 N·m (0.76 kgf·m, 5.5 ft·lb)

17.Roof Rail

A: REMOVAL

- 1) Remove the roof trim. <Ref. to EI-67, REMOVAL, Roof Trim.>
- 2) Remove the six nuts.



EI-00834

B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

When removing or installing the roof rail, be careful not to scratch the body panel with the stud bolt of roof rail.

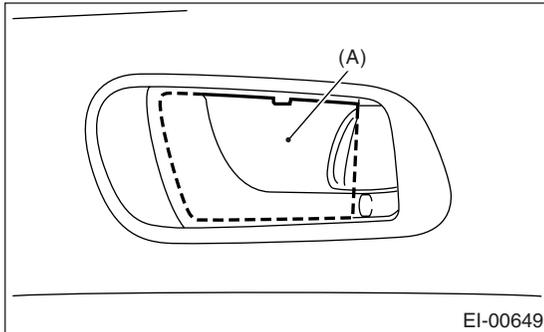
Tightening torque:

7.5 N·m (0.76 kgf-m, 5.53 ft-lb)

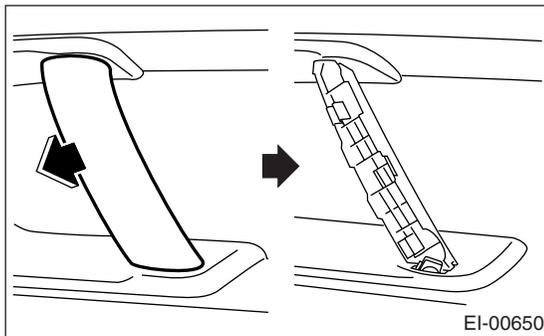
18. Door Trim

A: REMOVAL

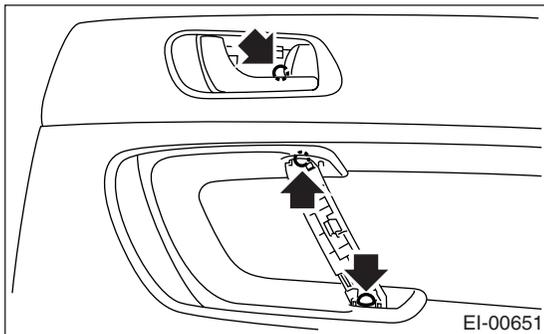
- 1) Disconnect the ground cable from battery.
- 2) Remove the cover (A) at inner remote area.



- 3) Pull the hand grip cover toward you, and remove it.

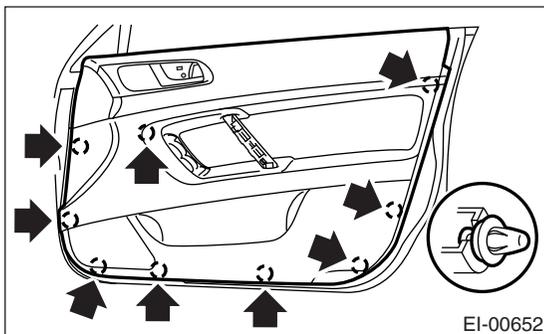


- 4) Loosen the screws.

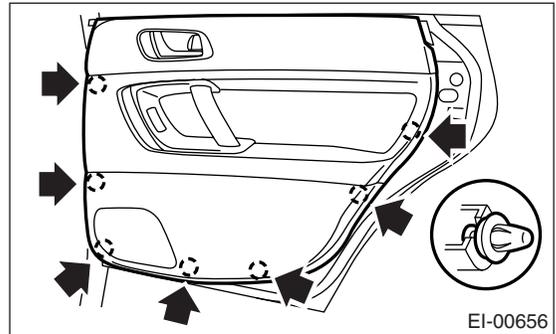


- 5) Remove the clips, and disconnect each connector and wire to remove door trim.

- Front door trim



- Rear door trim



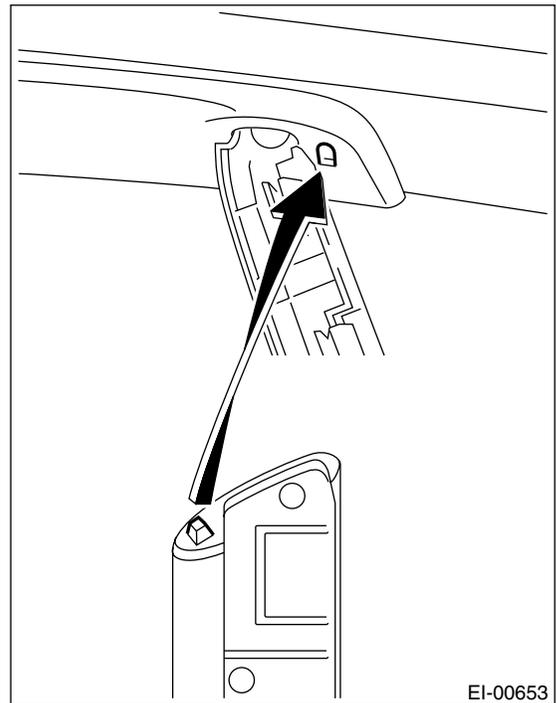
B: INSTALLATION

Install in the reverse order of removal.

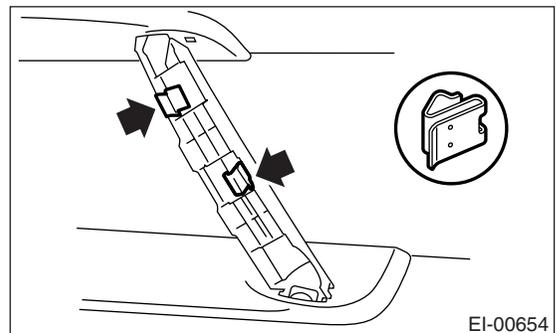
NOTE:

Be careful not to install the hand grip cover and plate clip of hand grip in the wrong direction.

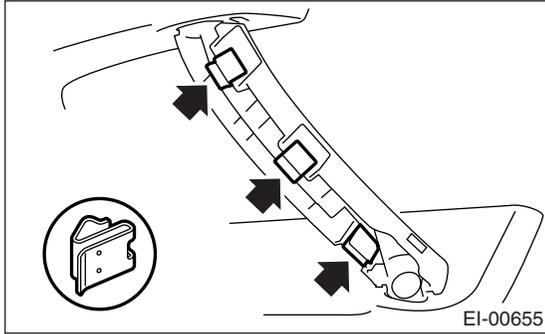
- Hand grip cover (front and rear door)
Convex upward



- Bottom clip of the front door faces the opposite direction



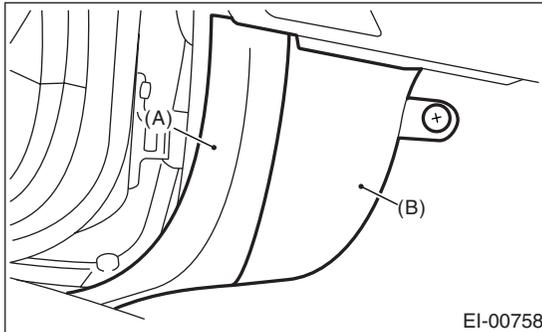
- Lower side of the hand grip cover for front door has pawl part.
- The lowest clip of rear door faces the opposite direction



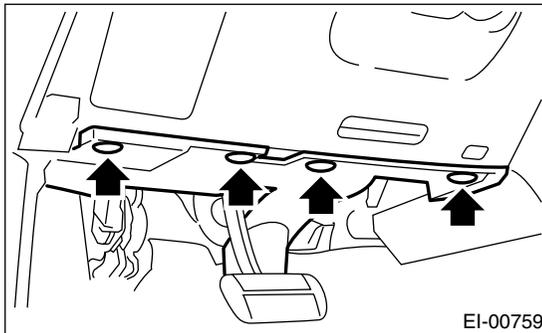
19. Instrument Panel Lower Cover

A: REMOVAL

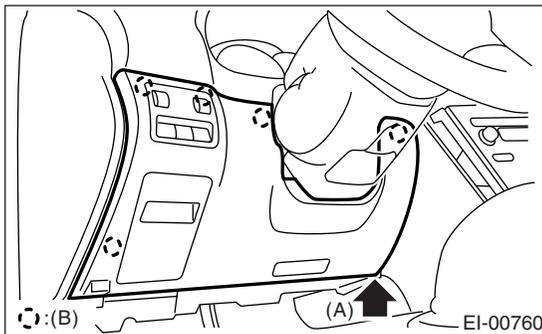
- 1) Disconnect the ground cable from battery.
- 2) Remove the front door inside scuff plate (A) and front pillar lower trim (B). <Ref. to EI-60, REMOVAL, Lower Inner Trim.>



- 3) Remove the clips, and remove the instrument panel lower cover under.



- 4) Loosen the screw (A), disconnect the connectors, and remove the instrument panel lower cover upper.



(B) Clip

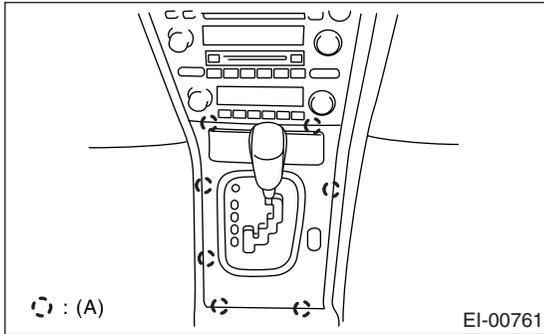
B: INSTALLATION

Install in the reverse order of removal.

20. Glove Box

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the console box. <Ref. to EI-53, REMOVAL, Console Box.>
- 3) Remove the console front panel.

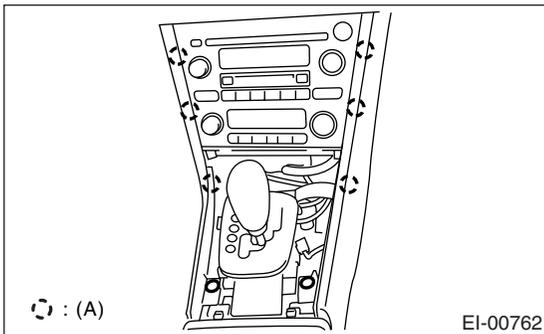


(A) Hook

NOTE:

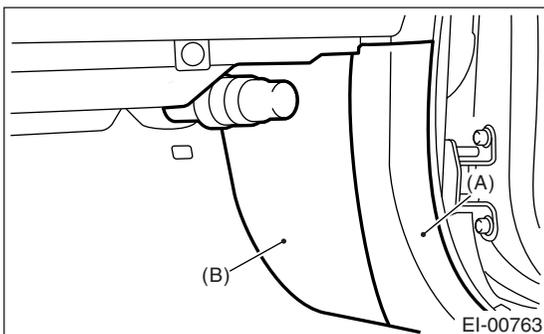
For AT model, remove the ring indicator.
For MT model, remove the shift knob.

- 4) Remove the console side garnish.

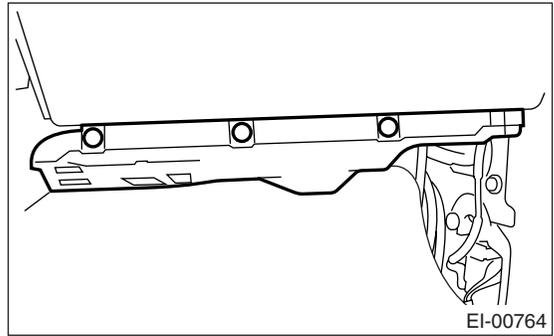


(A) Hook

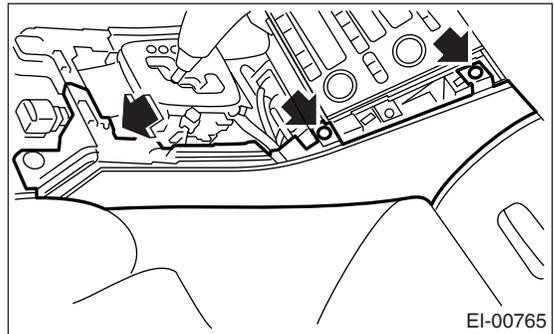
- 5) Remove the front inside scuff plate (A) and front pillar lower trim (B). <Ref. to EI-60, REMOVAL, Lower Inner Trim.>



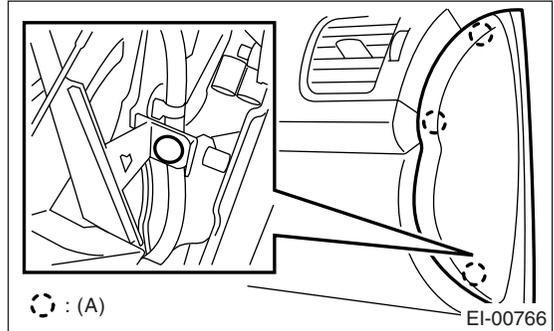
- 6) Remove the clip, and remove the glove box lower cover.



- 7) Remove the console side panel.

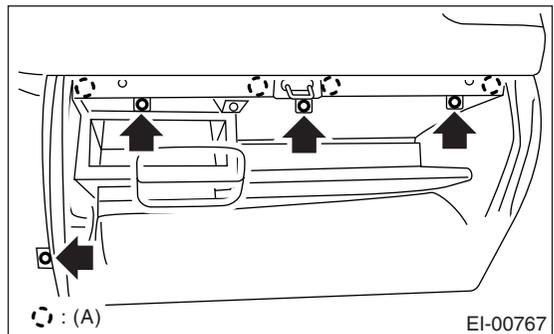


- 8) Remove the instrument panel side cover, and remove the clip.



(A) Clip

- 9) Remove the screw, and remove the glove box.



(A) Clip

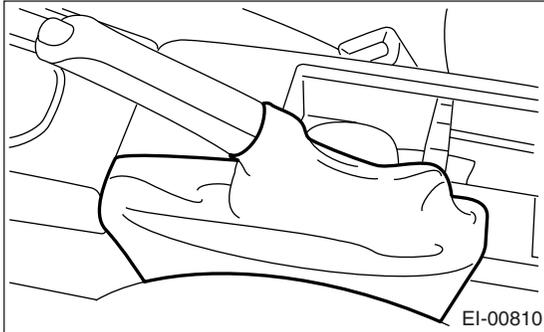
B: INSTALLATION

Install in the reverse order of removal.

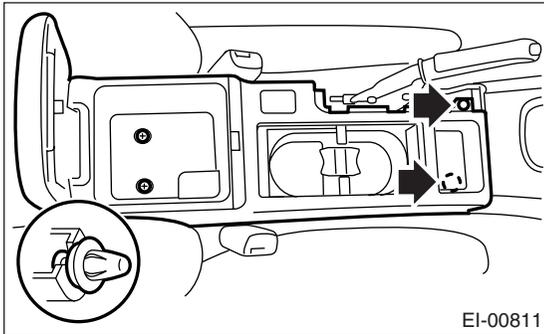
21. Console Box

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the parking brake lever cover.



- 3) Remove the bolts and clips.



- 4) Disconnect the connector, and remove the console box.

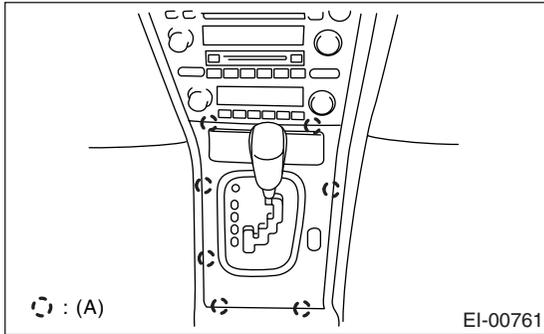
B: INSTALLATION

Install in the reverse order of removal.

22.Center Console

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the console box. <Ref. to EI-53, REMOVAL, Console Box.>
- 3) Remove the console front panel.

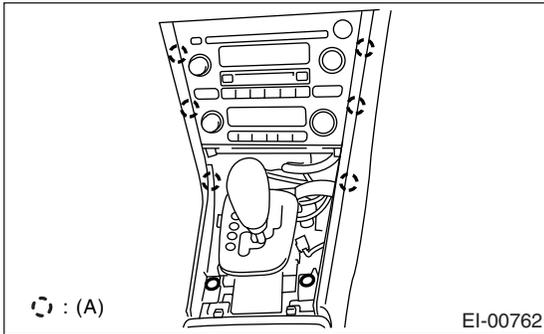


(A) Hook

NOTE:

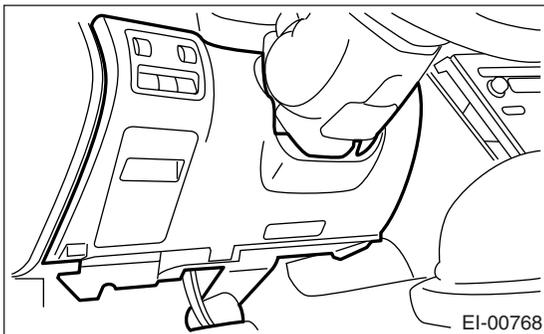
For AT model, remove the ring indicator.
For MT model, remove the shift knob.

- 4) Loosen the screw, remove the hook, and remove the console side garnish.

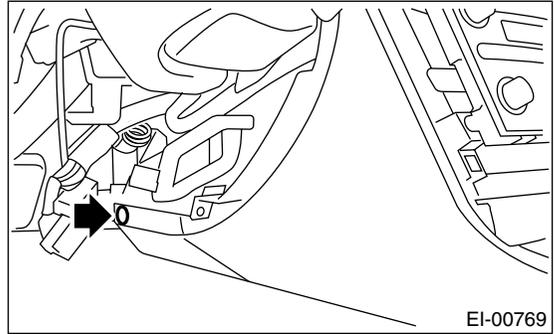


(A) Hook

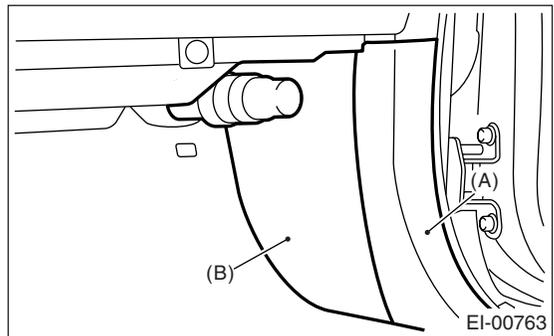
- 5) Remove the instrument panel lower cover. <Ref. to EI-50, REMOVAL, Instrument Panel Lower Cover.>



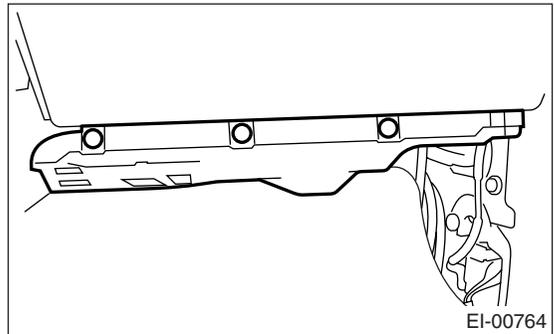
- 6) Remove the clip at the console side panel tip.



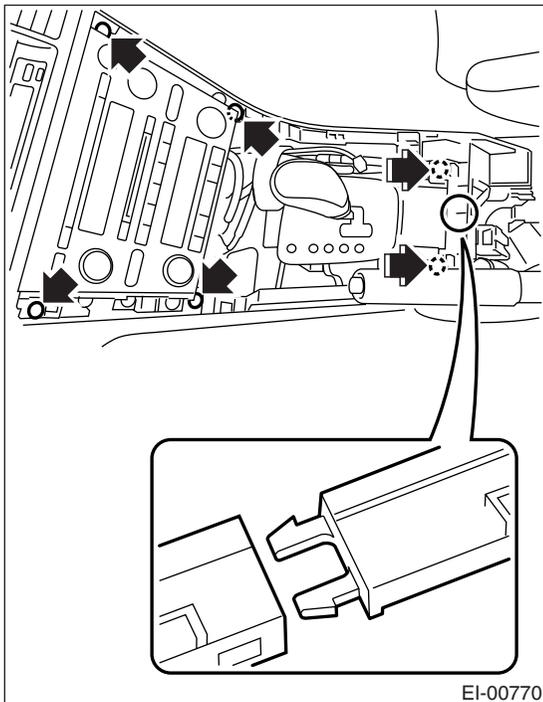
- 7) Remove the passenger side front inside scuff plate (A) and front pillar lower trim (B). <Ref. to EI-60, REMOVAL, Lower Inner Trim.>



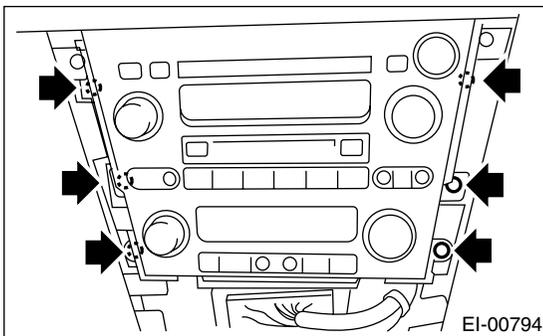
- 8) Remove the clip, and remove the glove box lower cover.



9) Remove the screws, and remove the console side panel.



10) Loosen the screws to pull out the audio unit assembly, and disconnect the connector to remove audio unit.



NOTE:
Audio unit assembly can be removed without removing the console side panel.

B: INSTALLATION

Install in the reverse order of removal.

Instrument Panel Assembly

EXTERIOR/INTERIOR TRIM

23. Instrument Panel Assembly

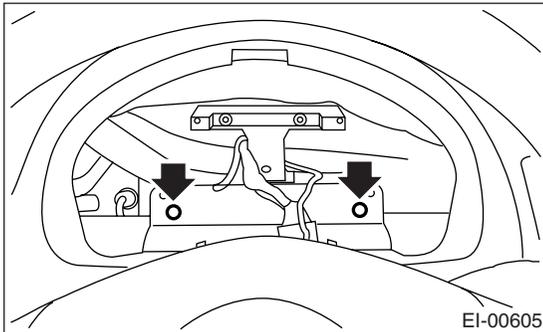
A: REMOVAL

1. INSTRUMENT PANEL (EXCLUDING STEERING SUPPORT BEAM)

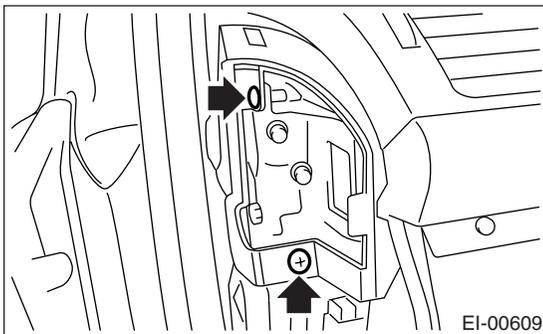
CAUTION:

Be careful to the harness of airbag system when servicing the instrument panel. Damage may cause the system malfunction.

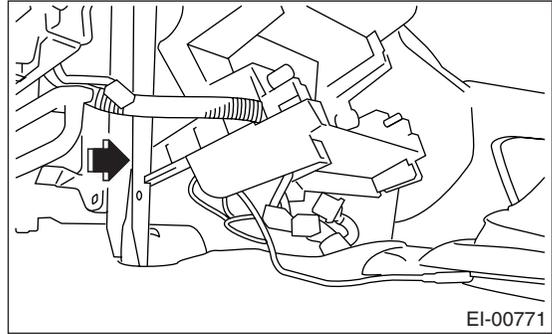
- 1) Disconnect the ground cable from battery.
- 2) Remove the front pillar upper trim. <Ref. to EI-62, REMOVAL, Upper Inner Trim.>
- 3) Remove the console box. <Ref. to EI-53, REMOVAL, Console Box.>
- 4) Remove the center console. <Ref. to EI-54, REMOVAL, Center Console.>
- 5) Remove the instrument panel lower cover. <Ref. to EI-50, REMOVAL, Instrument Panel Lower Cover.>
- 6) Remove the glove box. <Ref. to EI-51, REMOVAL, Glove Box.>
- 7) Remove the combination meter assembly. <Ref. to IDI-16, REMOVAL, Combination Meter Assembly.>
- 8) Remove the screws.



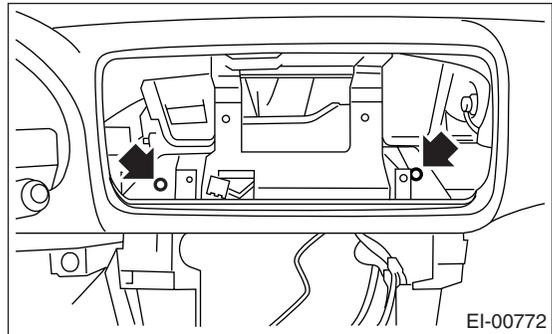
- 9) Remove the driver side instrument panel side cover, and remove the screws.



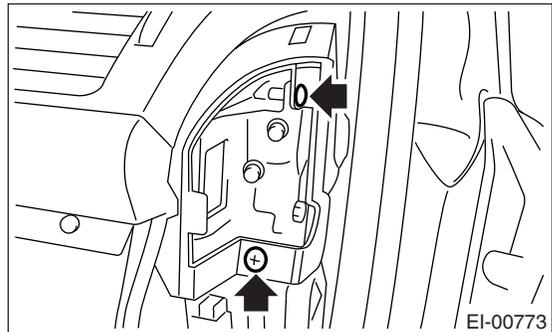
- 10) Remove the screw at the side of center console.



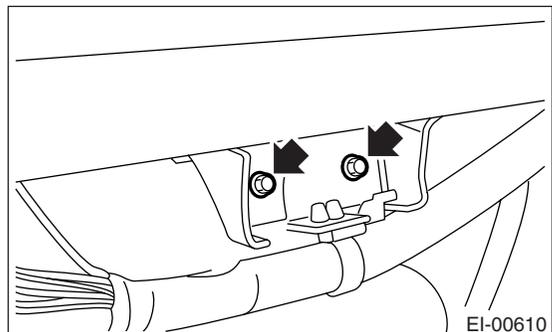
- 11) Remove the center air vent grille of instrument panel. <Ref. to AC-44, CENTER GRILLE, REMOVAL, Air Vent Grille.>
- 12) Remove the screws.



- 13) Remove the screws at side of passenger side instrument panel.



- 14) Remove the bolts securing passenger side air-bag module to the steering support beam.



- 15) Disconnect the connectors, and remove the instrument panel from vehicle body.

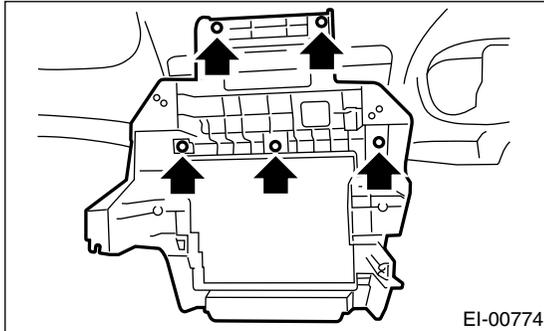
NOTE:

- If necessary, make matching marks for easy re-assembly.
- When storing the removed instrument panel, be sure to prepare a table or the like to put instrument panel on to prevent damage.

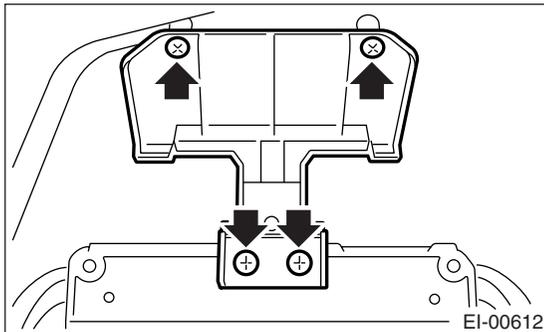
16) Remove the side air vent grille. <Ref. to AC-44, REMOVAL, Air Vent Grille.>

17) Remove the heater vent duct. <Ref. to AC-46, REMOVAL, Heater Vent Duct.>

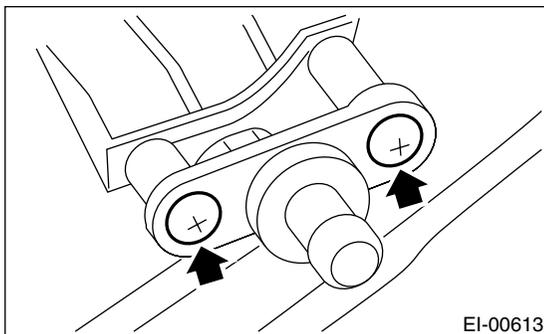
18) Loosen the screws to remove center console frame.



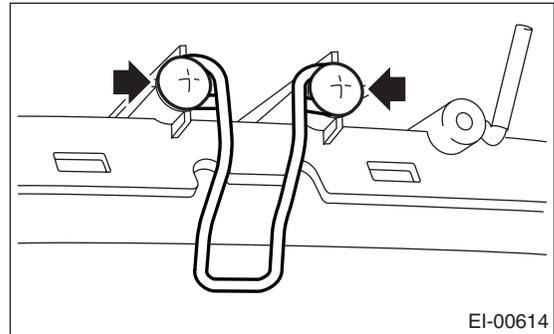
19) Loosen the screws to remove meter bracket.



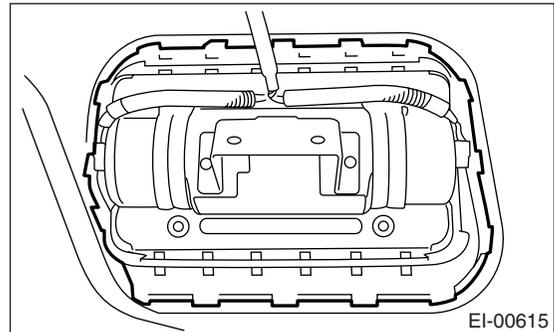
20) Loosen the screws to remove instrument panel matching pins.



21) Loosen the screws to remove glove box striker.



22) Remove the pawl, and remove the passenger's airbag module.



2. STEERING SUPPORT BEAM

1) Remove the instrument panel. <Ref. to EI-56, INSTRUMENT PANEL (EXCLUDING STEERING SUPPORT BEAM), REMOVAL, Instrument Panel Assembly.>

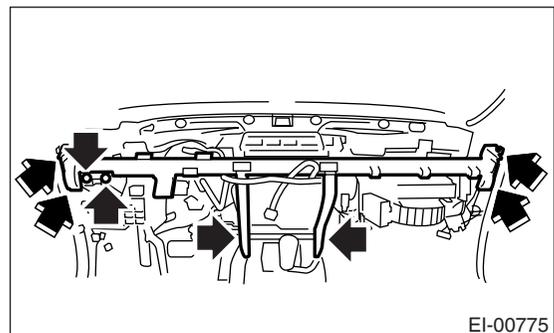
2) Remove the steering shaft assembly. <Ref. to PS-23, REMOVAL, Tilt Steering Column.>

3) Remove each harness clip, and remove the harness from steering support beam.

NOTE:

If necessary, make matching marks for easy reassembly.

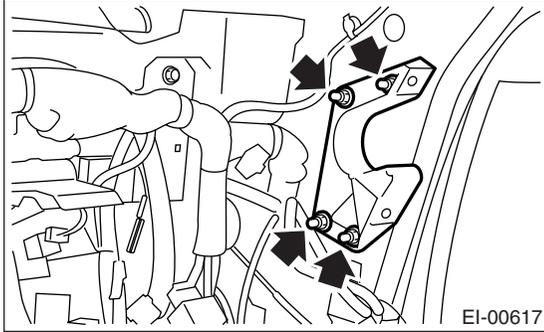
4) Remove the bolt and remove steering support beam.



Instrument Panel Assembly

EXTERIOR/INTERIOR TRIM

5) Remove the steering support beam bracket.

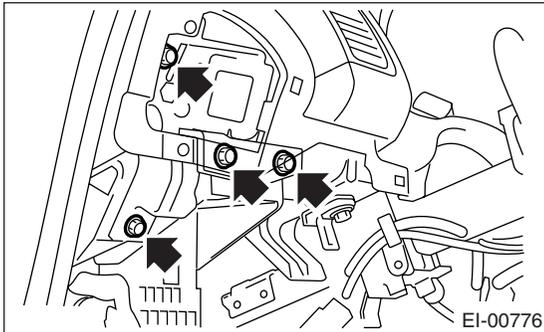


3. INSTRUMENT PANEL ASSEMBLY (INCLUDING STEERING SUPPORT BEAM)

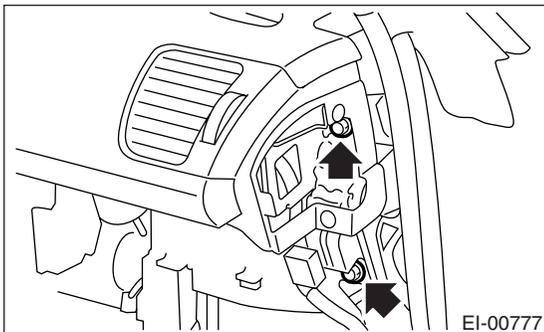
CAUTION:

Be careful to the harness of airbag system when servicing the instrument panel. Damage may cause the system malfunction.

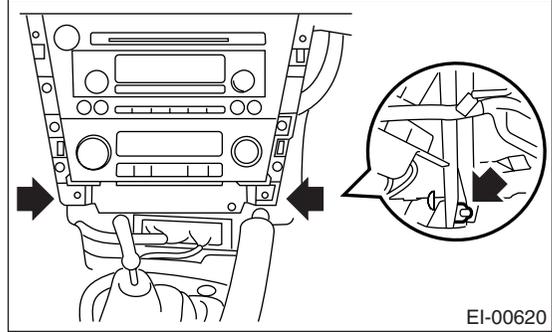
- 1) Remove the front pillar upper trim. <Ref. to EI-62, REMOVAL, Upper Inner Trim.>
- 2) Remove the center console. <Ref. to EI-54, REMOVAL, Center Console.>
- 3) Remove the instrument panel lower cover. <Ref. to EI-50, REMOVAL, Instrument Panel Lower Cover.>
- 4) Remove the glove box. <Ref. to EI-51, REMOVAL, Glove Box.>
- 5) Remove the steering shaft assembly. <Ref. to PS-23, REMOVAL, Tilt Steering Column.>
- 6) Remove the driver side instrument panel side cover, and remove the bolts.



7) Remove the bolts at the side of passenger side instrument panel.



8) Loosen the bolts on the center console side.



9) Disconnect each connector, and remove the instrument assembly.

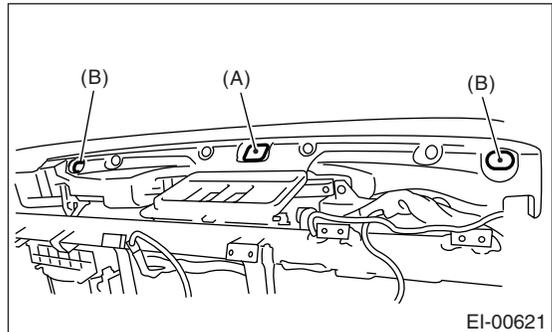
NOTE:

If necessary, make matching marks for easy reassembly.

B: INSTALLATION

1. INSTRUMENT PANEL (EXCLUDING STEERING SUPPORT BEAM)

1) Insert the matching pins (3 places) on the instrument panel tip into the grommet (A) and (B) on the body panel side.



- 2) Check the inserted state of matching pins, and pull the harness around.
- 3) Tighten the instrument panel with screw, and recheck the installation of instrument panel and the state of pulled harness.
- 4) Install in the reverse order of removal.

2. STEERING SUPPORT BEAM

- 1) Temporarily tighten the steering support beam with bolt, and pull the harness around.
- 2) Make sure that there is no mutual interference in each pedal, and tighten the each bolt.

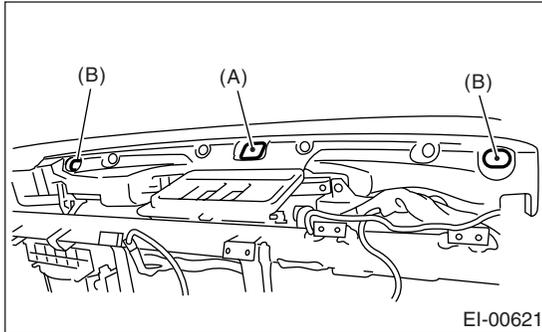
Tightening torque:

25 N·m (25.5 kgf·m, 18.4 ft·lb)

- 3) Install in the reverse order of removal.

3. INSTRUMENT PANEL ASSEMBLY (INCLUDING STEERING SUPPORT BEAM)

1) Insert the matching pins (3 places) on the instrument panel tip into the grommet (A) and (B) on the body panel side.



- 2) Check the inserted state of matching pins, and pull the harness around.
- 3) Temporarily tighten the steering support beam with bolt, and pull the harness around.
- 4) Make sure that there is no mutual interference in each pedal, and tighten the each bolt.

Tightening torque:

25 N·m (25.5 kgf·m, 18.4 ft·lb)

- 5) Install in the reverse order of removal.

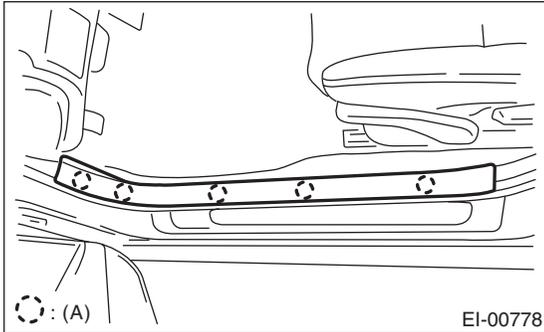
Lower Inner Trim

EXTERIOR/INTERIOR TRIM

24. Lower Inner Trim

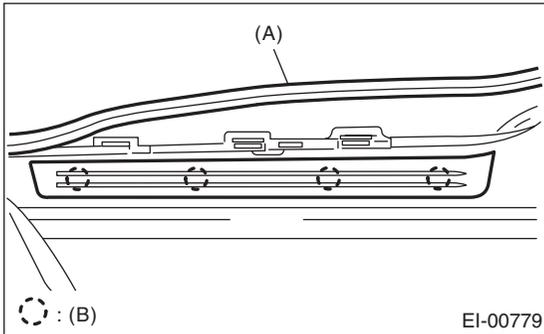
A: REMOVAL

1) Remove the hook, and remove the inside scuff plate.



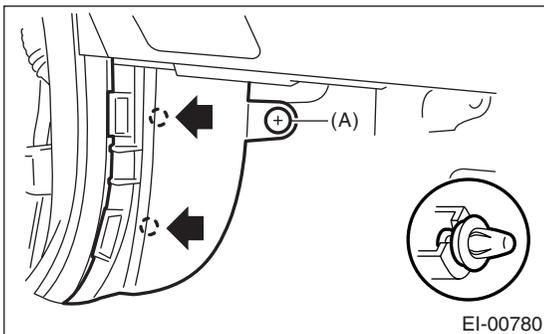
(A) Hook

2) Remove the door molding (A), and remove the outside scuff plate.



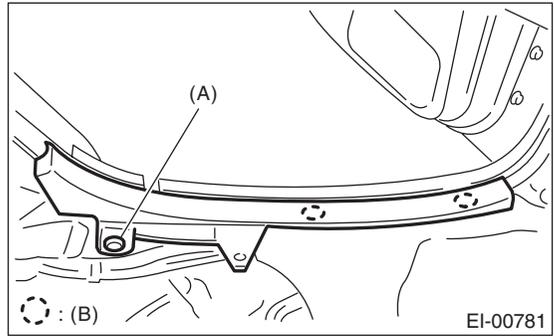
(B) Clip

3) Remove the clip (A), and remove the front pillar lower trim.



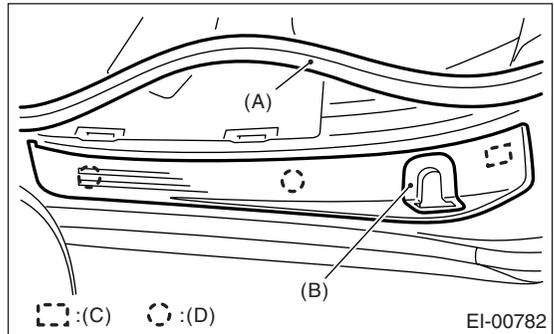
4) Remove the rear seat cushion. <Ref. to SE-14, REMOVAL, Rear Seat.>

5) Remove the clip (A), and remove the inside scuff plate.



(B) Hook

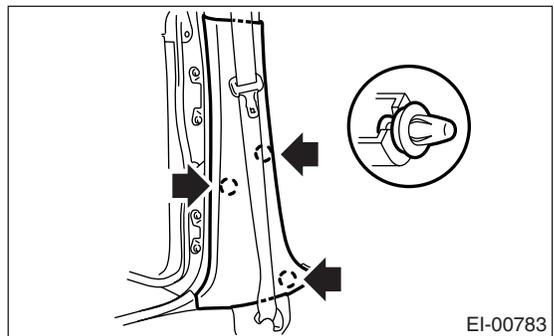
6) Remove the door molding (A) and door catcher cover (B), and then remove the outside scuff plate.



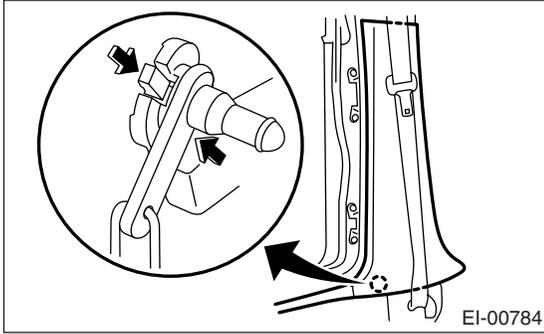
(C) Hook with plate clip

(D) Clip

7) Remove the clips of the center pillar lower trim.



8) Remove the center pillar lower trim while pushing the pawl part on the upper and lower side of dropout prevention clip.



B: INSTALLATION

Install in the reverse order of removal.

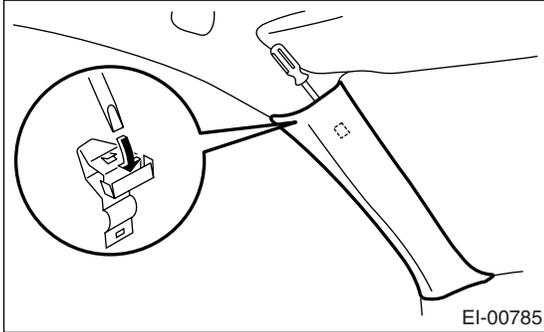
Upper Inner Trim

EXTERIOR/INTERIOR TRIM

25. Upper Inner Trim

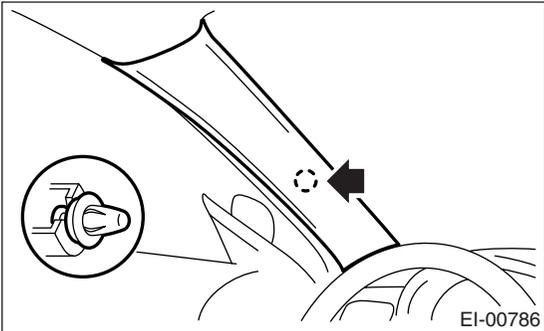
A: REMOVAL

1) From the top side of trim, remove the metal clip using flat tip driver.



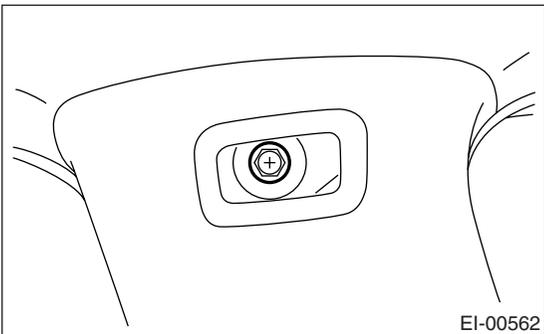
CAUTION:
When metal clip is removed from upper inner trim, replace the both of upper inner trim and metal clip with new ones.

2) Remove the front pillar upper trim.

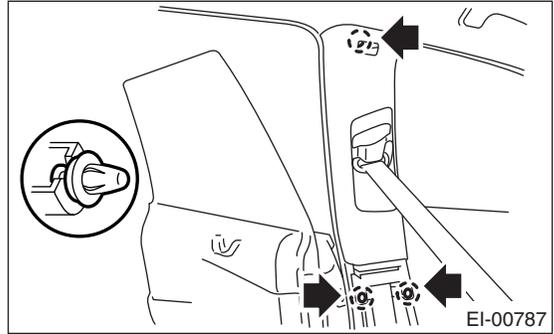


3) Remove the front inside scuff plate, rear inside scuff plate and center pillar lower trim. <Ref. to EI-60, REMOVAL, Lower Inner Trim.>

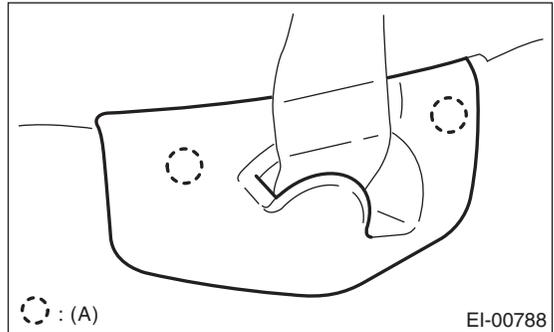
4) Remove the cap on the upper side of pillar trim, and remove the bolt inside. (Model with curtain air-bag)



5) Remove the center pillar upper trim.

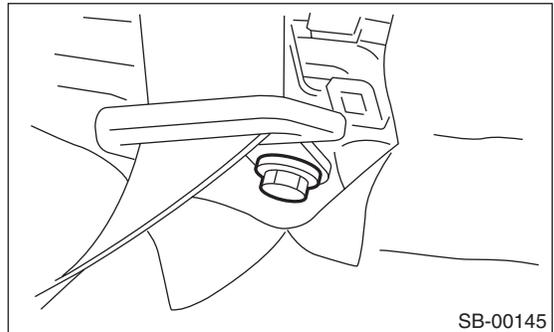


6) Remove the seat belt lower anchor bolt cover.



(A) Clip

7) Remove the seat belt lower anchor bolt, and pull out the seat belt from center pillar upper trim.



B: INSTALLATION

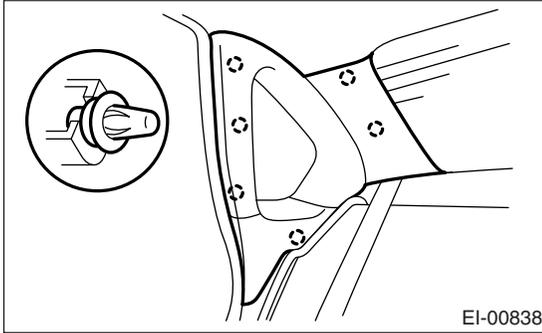
Install in the reverse order of removal.

26.Rear Quarter Trim

A: REMOVAL

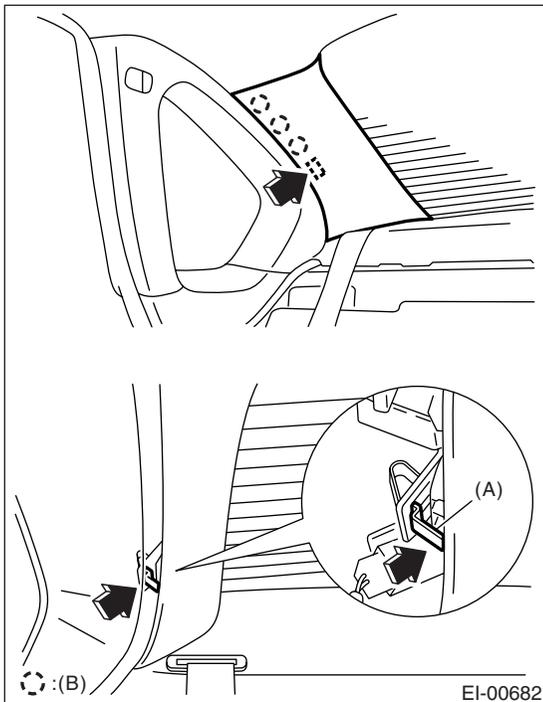
1. SEDAN MODEL (MODEL WITHOUT CURTAIN AIRBAG)

- 1) Remove the rear seat. <Ref. to SE-14, SEDAN MODEL, REMOVAL, Rear Seat.>
- 2) Remove the rear quarter trim.



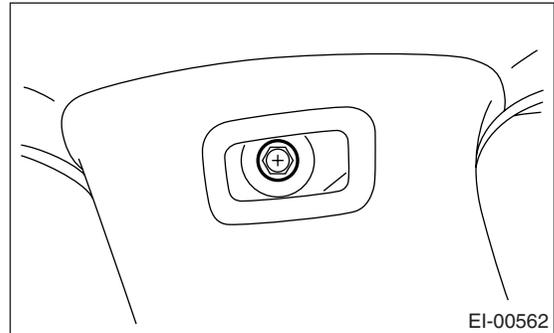
2. SEDAN MODEL (MODEL WITH CURTAIN AIRBAG)

- 1) Remove the rear seat. <Ref. to SE-14, WAGON MODEL, REMOVAL, Rear Seat.>
- 2) Turn over the trim, and remove the quarter trim rear by pressing the claw (A) of metal clip using flat tip screwdriver or the like.

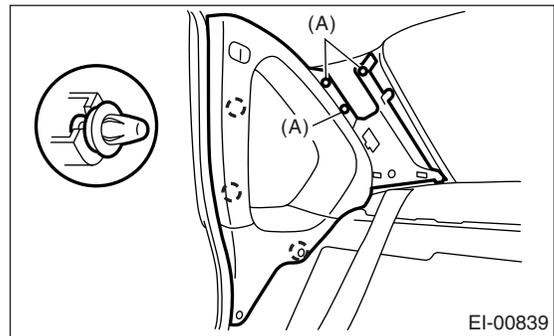


(B) Hook

- 3) Remove the cap on the upper side of trim, and remove the bolt inside.

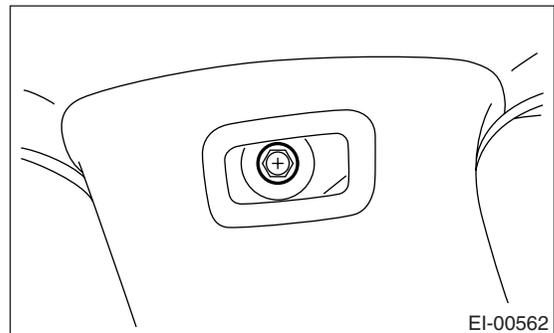


- 4) Remove the bolts (A), and remove the quarter trim (front).



3. WAGON MODEL

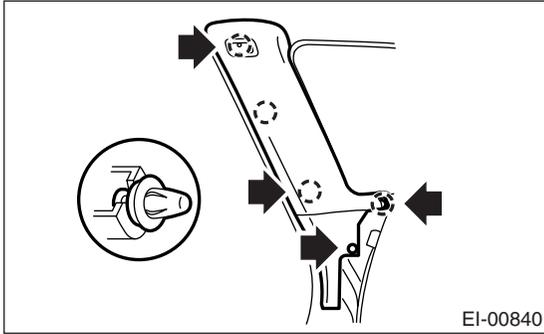
- 1) Remove the rear seat cushion and backrest shoulder. <Ref. to SE-14, SEDAN MODEL, REMOVAL, Rear Seat.>
- 2) Remove the cap on the upper side of pillar trim, and remove the bolt inside. (Model with curtain airbag)



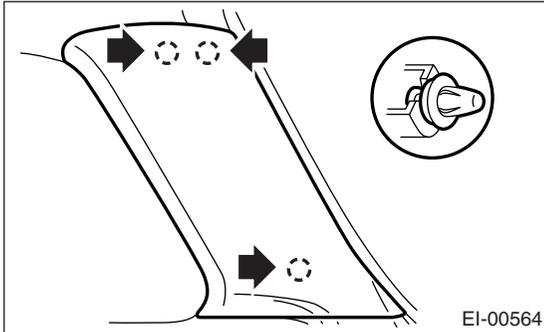
Rear Quarter Trim

EXTERIOR/INTERIOR TRIM

3) Remove the clip, and remove the quarter front pillar trim.

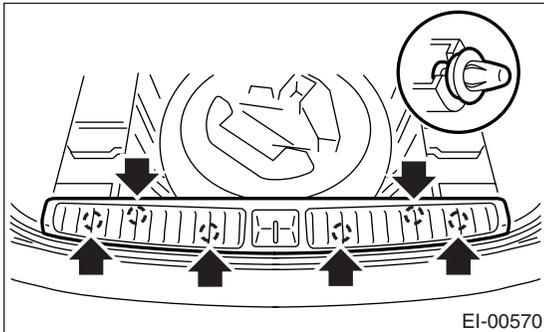


4) Remove the quarter rear pillar trim.

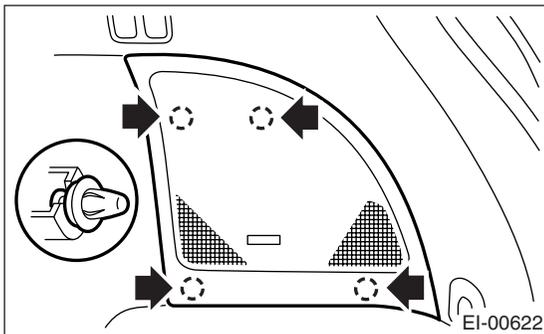


5) Remove the luggage floor box. <Ref. to EI-74, REMOVAL, Luggage Floor Box.>

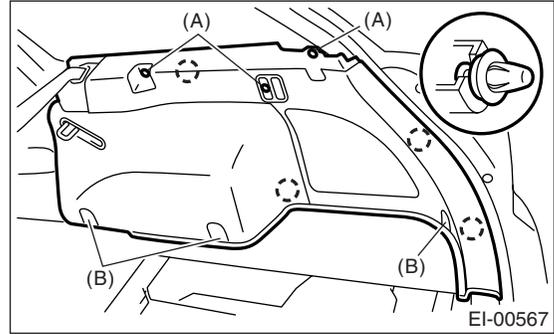
6) Remove the luggage floor end cover.



7) Remove the woofer cover. (Model with McIntosh Audio)



8) Remove the screws (A) and bolts (B), and remove the quarter lower trim.



NOTE:

- Remove the screw cover on the tonneau cover installing part.
- Pull out the shopping bag hook, remove the screw on back.

B: INSTALLATION

1. SEDAN MODEL

Install in the reverse order of removal.

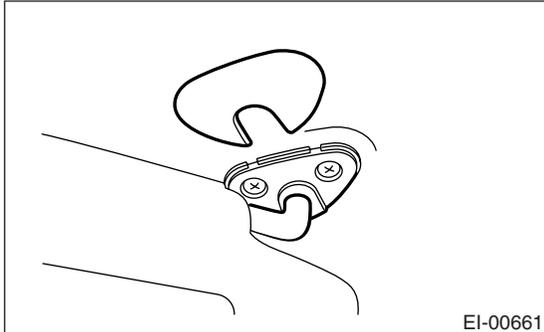
2. WAGON MODEL

Install in the reverse order of removal.

27.Sun Visor

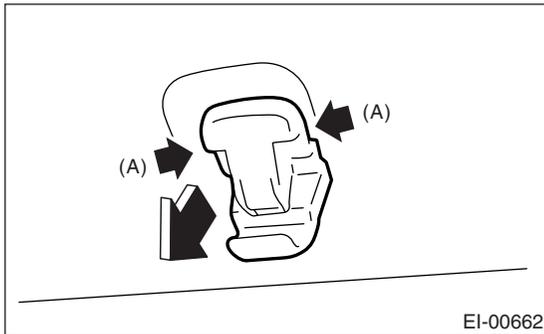
A: REMOVAL

1) Remove the cover, loosen the mounting screws, and remove the sun visor.



2) Disconnect the connector. (Model with vanity mirror light)

3) Press the (A) on both side using flat tip driver, pull the sun visor hook and remove it.



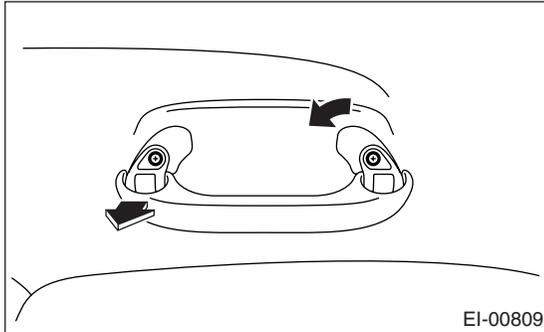
B: INSTALLATION

Install in the reverse order of removal.

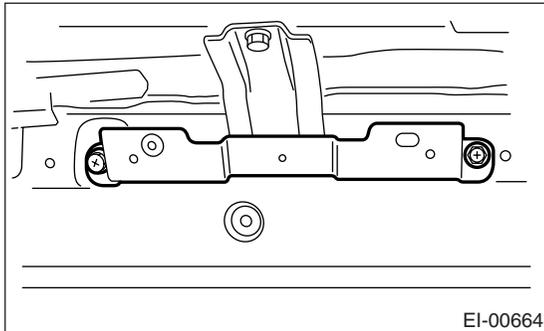
28. Assist Grip

A: REMOVAL

- 1) Remove the screw cover, and remove the screw inside.
- 2) Pull the left side of assist grip toward you, and rotate the right side of it counterclockwise to remove.



- 3) Remove the roof trim. <Ref. to EI-67, REMOVAL, Roof Trim.>
- 4) Remove the bolts, and remove the assist grip bracket.



B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

Be sure to install the grommet to assist grip bracket.

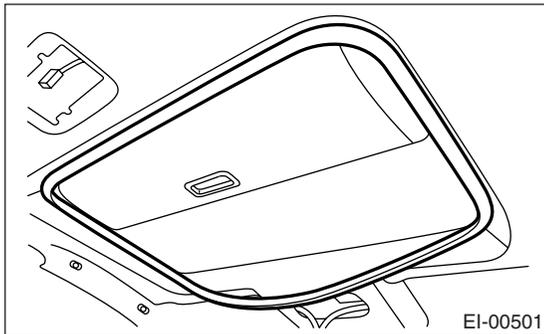
When install the assist grip without grommet, it may cause the faulty returning.

29. Roof Trim

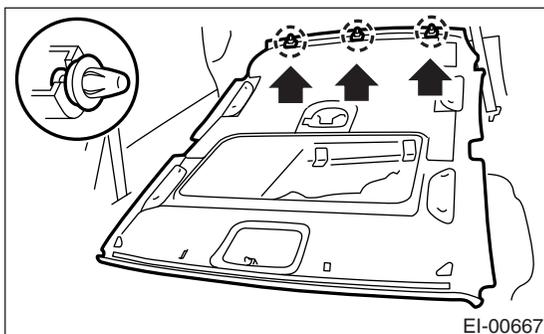
A: REMOVAL

1. SEDAN MODEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the front seats. <Ref. to SE-7, REMOVAL, Front Seat.>
- 3) Remove the rear seat. <Ref. to SE-14, REMOVAL, Rear Seat.>
- 4) Remove the console box. <Ref. to EI-53, REMOVAL, Console Box.>
- 5) Remove the center console. <Ref. to EI-54, REMOVAL, Center Console.>
- 6) Remove the select lever. (AT model)
<Ref. to CS-7, REMOVAL, Select Lever.>
- 7) Remove the spot map light. <Ref. to LI-34, REMOVAL, Spot Map Light.>
- 8) Remove the room light. <Ref. to LI-35, REMOVAL, Room Light.>
- 9) Remove the sun visor. <Ref. to EI-65, REMOVAL, Sun Visor.>
- 10) Remove the assist grip. <Ref. to EI-66, REMOVAL, Assist Grip.>
- 11) Remove the upper inner trim. <Ref. to EI-62, REMOVAL, Upper Inner Trim.>
- 12) Remove the rear quarter trim. <Ref. to EI-63, SEDAN MODEL (MODEL WITH CURTAIN AIRBAG), REMOVAL, Rear Quarter Trim.>
- 13) Remove the sunroof opening trim. (Model with sunroof)



- 14) Remove the clips and each harness, and remove the roof trim.
- 15) Pull out the roof trim from vehicle.



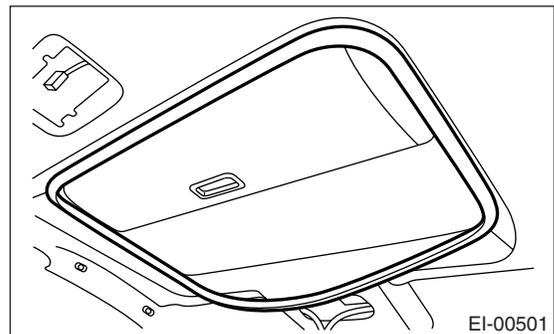
2. WAGON MODEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the spot map light. <Ref. to LI-34, REMOVAL, Spot Map Light.>
- 3) Remove the room light. <Ref. to LI-35, REMOVAL, Room Light.>
- 4) Remove the luggage room light. <Ref. to LI-36, REMOVAL, Luggage Room Light.>
- 5) Remove the sun visor. <Ref. to EI-65, REMOVAL, Sun Visor.>
- 6) Remove the assist grip. <Ref. to EI-66, REMOVAL, Assist Grip.>
- 7) Remove the upper inner trim. <Ref. to EI-62, REMOVAL, Upper Inner Trim.>
- 8) Remove the rear quarter trim. <Ref. to EI-63, WAGON MODEL, REMOVAL, Rear Quarter Trim.>

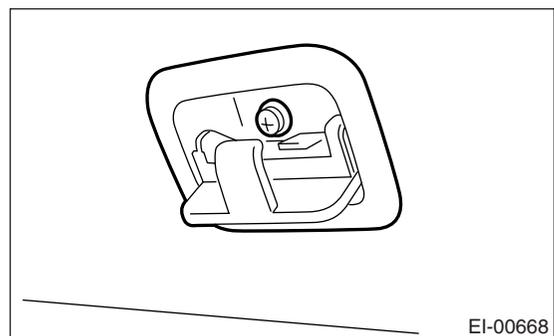
CAUTION:

Do not remove the roof end trim with excessive force. Otherwise roof trim may be damaged. Roof trim and roof end trim are fastened by rivets.

- 9) Remove the sunroof opening trim. (Model with sunroof)



- 10) Remove the coat hook.



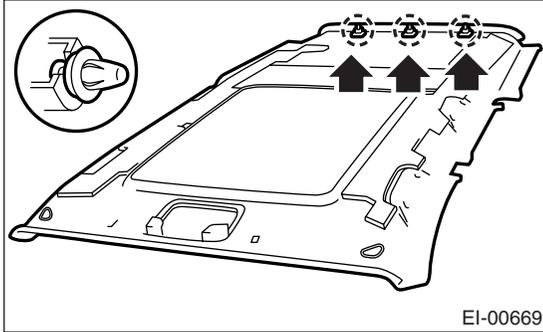
- 11) Remove the clips and each harness, pull out the rear center seat belt, and remove the roof trim.

Roof Trim

EXTERIOR/INTERIOR TRIM

CAUTION:

Do not remove the roof end trim with excessive force. Otherwise roof trim may be damaged.



B: INSTALLATION

1. SEDAN MODEL

Install in the reverse order of removal.

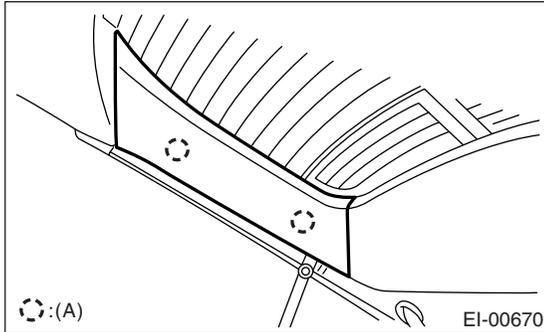
2. WAGON MODEL

Install in the reverse order of removal.

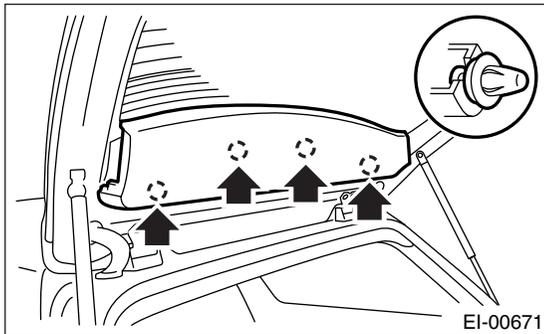
30.Rear Gate Trim

A: REMOVAL

1) Remove the clips (A), and remove the rear gate pillar trim.

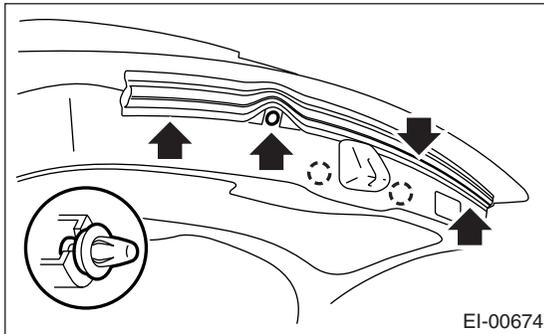


2) Remove the clips, and detach the rear gate upper trim.

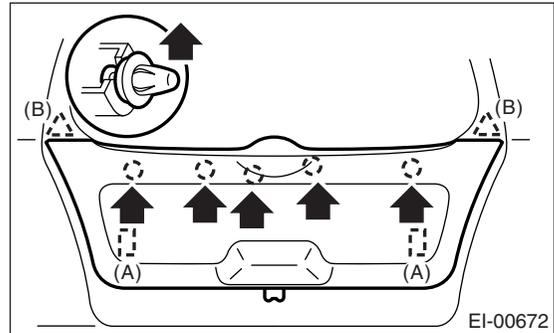


3) Remove the cover in the inner handle, loosen the inside screw.

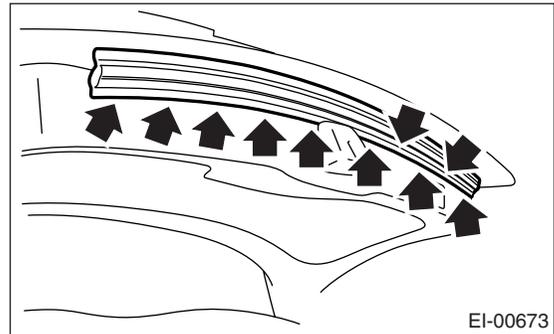
4) Turn over the weather strip, and remove the clips.



5) Remove the clips (A) and (B), remove the rear gate lower trim.

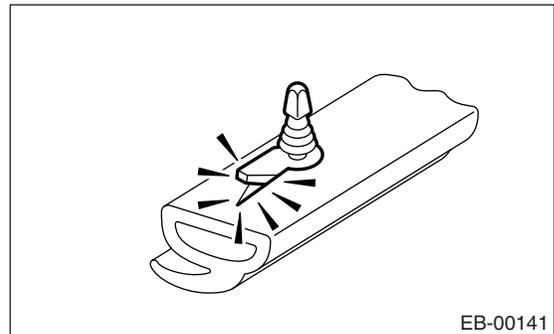


6) Remove the rear gate weather strip.



NOTE:

If the weather strip clip is removed with excessive force, the weather strip may be damaged. Be sure to use a clip remover to remove.



B: INSTALLATION

Install in the reverse order of removal.

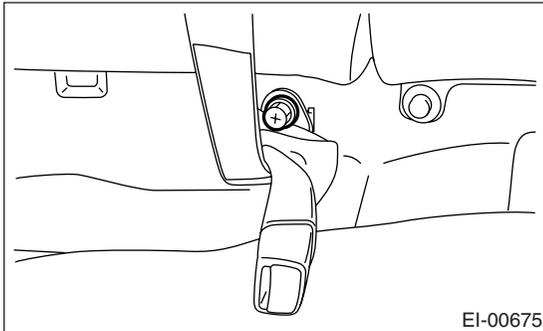
Rear Shelf Trim

EXTERIOR/INTERIOR TRIM

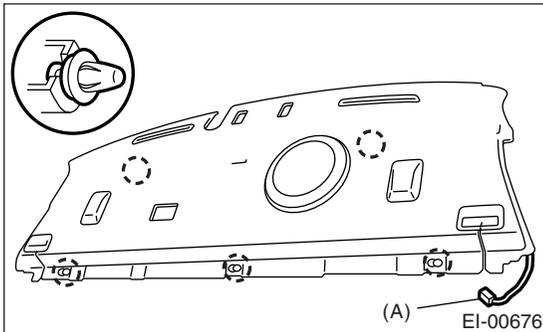
31.Rear Shelf Trim

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the rear quarter trim. <Ref. to EI-63, SEDAN MODEL (MODEL WITH CURTAIN AIR-BAG), REMOVAL, Rear Quarter Trim.>
- 3) Remove the high-mounted stop light. <Ref. to LI-33, REMOVAL, High-mounted Stop Light.>
- 4) Remove the rear seat cushion. <Ref. to SE-14, WAGON MODEL, REMOVAL, Rear Seat.>
- 5) Remove the lower anchor bolt of rear center seat belt.



- 6) After disconnecting the high-mounted stop light harness connector (A) and removing the five clips, remove the rear shelf trim with pulling it forward.

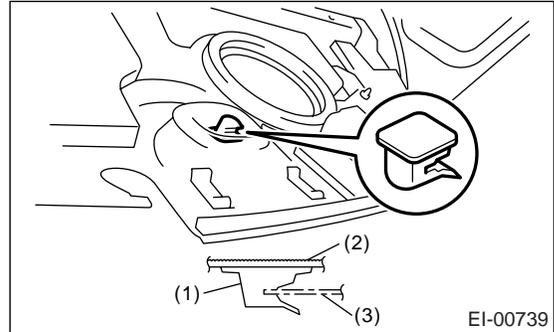


B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Securely insert the vehicle body panel into the hook of rear shelf trim center, and then install the rear shelf trim.



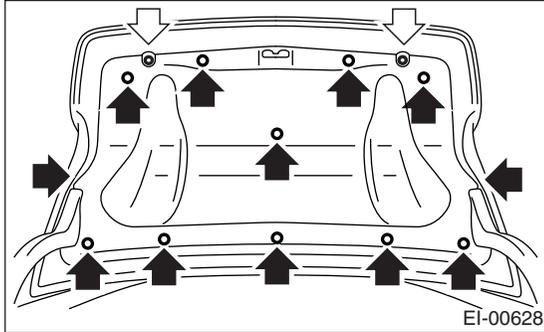
- (1) Hook
- (2) Rear shelf trim
- (3) Vehicle body panel

32. Trunk Room Trim

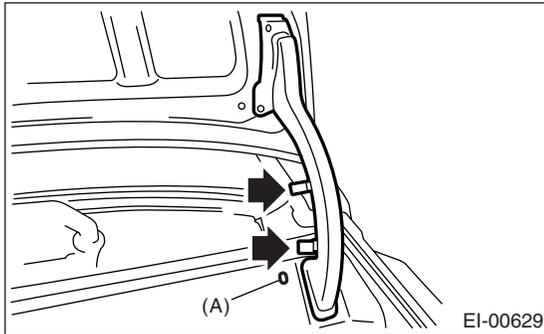
A: REMOVAL

1. TRUNK LID TRIM

1) Remove the trim clips and stopper rubbers, and remove the trunk lid trim.

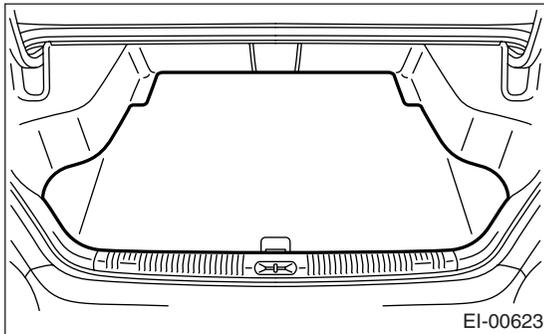


2) Remove the clip (A) of trunk side trim, and then remove the trunk lid arm cover.

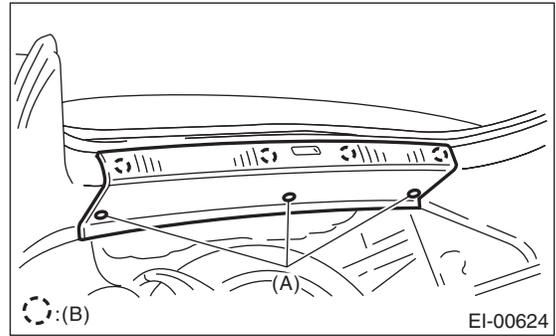


2. TRUNK ROOM TRIM

1) Remove the trunk room mat.

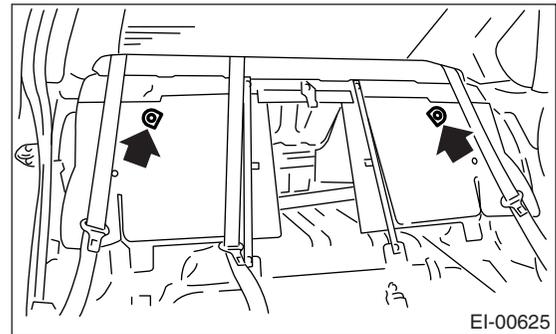


2) Remove the trim clips (A), and remove the trunk room end cover.

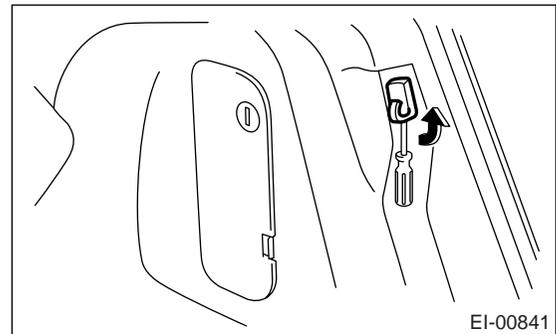


(B) Clip

3) Remove the rear seat backrest, and then remove the trim clips at the front side of trunk side trim. <Ref. to SE-14, WAGON MODEL, REMOVAL, Rear Seat.>



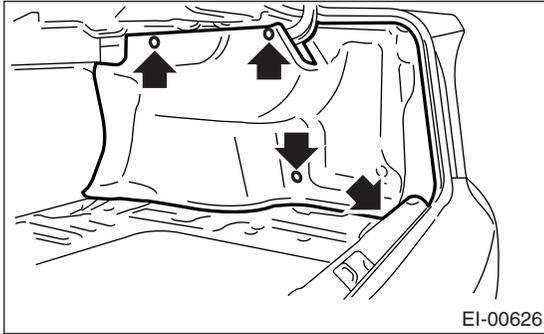
4) Insert the flat tip driver from the lower side of trunk hook, and then remove the trunk hook with rotating it 90°.



Trunk Room Trim

EXTERIOR/INTERIOR TRIM

5) Remove the trim clips, and remove the trunk side trim.



B: INSTALLATION

1. TRUNK LID TRIM

Install in the reverse order of removal.

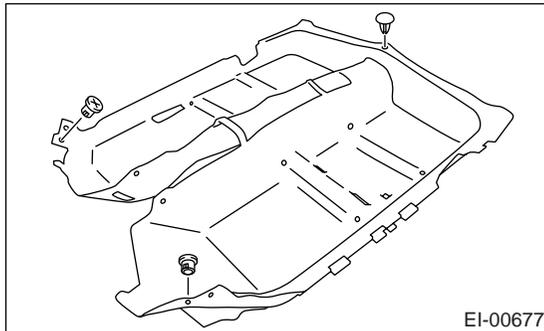
2. TRUNK ROOM TRIM

Install in the reverse order of removal.

33.Floor Mat

A: REMOVAL

- 1) Remove the front seats. <Ref. to SE-7, REMOVAL, Front Seat.>
- 2) Remove the rear seat cushion. <Ref. to SE-14, REMOVAL, Rear Seat.>
- 3) Remove the console box. <Ref. to EI-53, Console Box.>
- 4) Remove the console side panel. <Ref. to EI-54, REMOVAL, Center Console.>
- 5) Remove the lower inner trim. <Ref. to EI-60, REMOVAL, Lower Inner Trim.>
- 6) Remove the footrest. (MT model)
- 7) Remove the clips from floor mat.
- 8) Remove the mat hook on both side.
- 9) Remove the mat from toe board area.
- 10) Remove the mat from rear heater duct.
- 11) Roll the mat, and then take it out of opened rear door.



B: INSTALLATION

Install in the reverse order of removal.

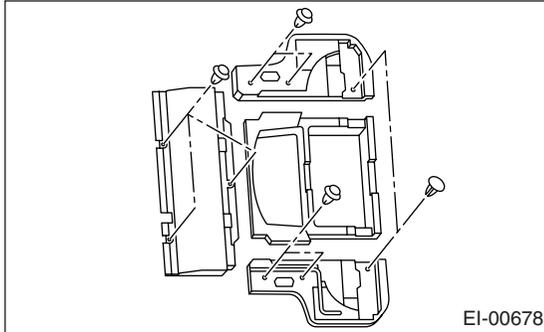
NOTE:

- Secure the mat firmly with hook and clip.
- Insert the mat edge firmly into the groove of side sill cover.

34.Luggage Floor Box

A: REMOVAL

- 1) Remove the luggage floor mat.
- 2) Remove the clips, and remove the luggage floor box.



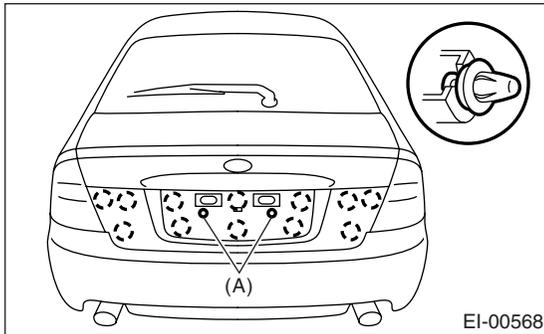
B: INSTALLATION

Install in the reverse order of removal.

35.Trunk Lid Garnish

A: REMOVAL

Remove the license plate, loosen the bolts (A), and remove the trunk lid garnish.



B: INSTALLATION

Install in the reverse order of removal.

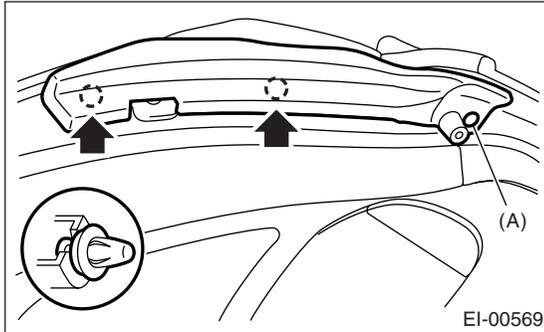
Tightening torque:

7.5 N·m (0.76 kgf-m, 5.5 ft-lb)

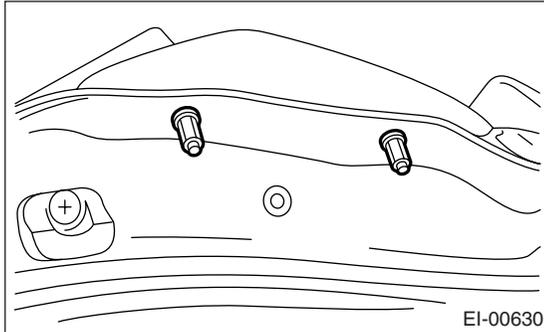
36.Rear Gate Garnish

A: REMOVAL

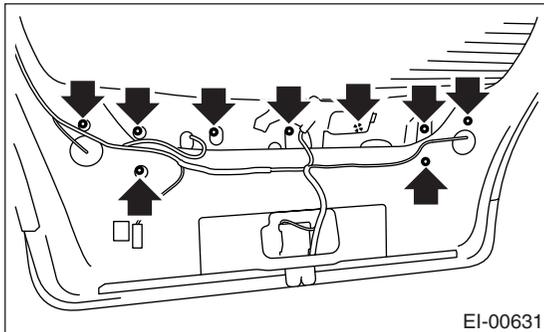
- 1) Remove the rear gate trim. <Ref. to EI-69, REMOVAL, Rear Gate Trim.>
- 2) Remove the clip (A), and remove the rear gate panel side cover.



- 3) Remove the hexagon cap nut.



- 4) Remove the nuts, disconnect each connector, and remove the rear gate garnish.



B: INSTALLATION

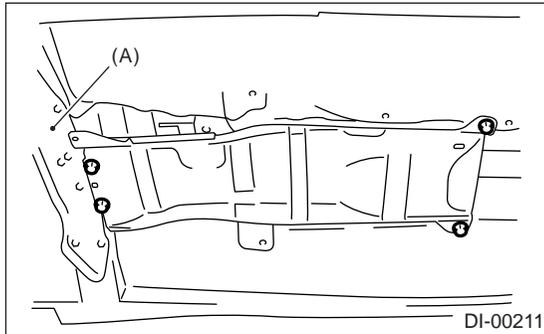
Install in the reverse order of removal.

37.Heat Shield Cover

A: REMOVAL

1. FRONT HEAT SHIELD COVER

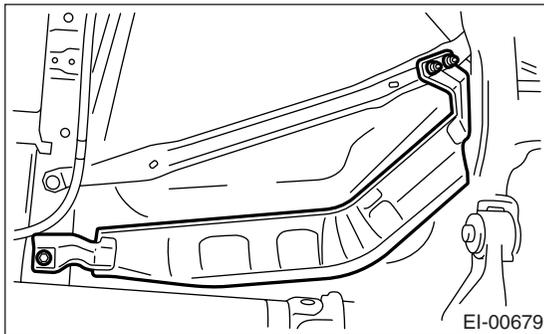
Remove the four bolts to remove front heat shield cover.



(A) Transmission mount

2. CENTER HEAT SHIELD COVER

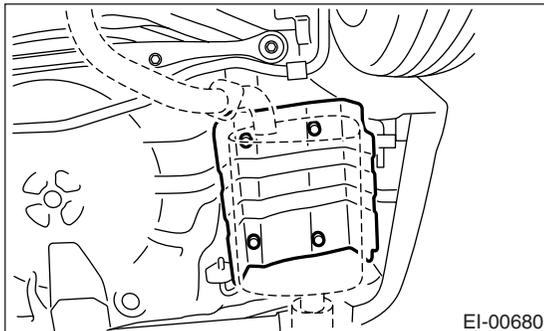
Remove the nut and bolt to remove center heat shield cover.



3. REAR HEAT SHIELD COVER

1) Remove the muffler. <Ref. to EX(H4SO 2.0)-13, REMOVAL, Muffler.> <Ref. to EX(H4DOTC)-12, REMOVAL, Muffler.>

2) Remove the four bolts to remove rear heat shield cover.



B: INSTALLATION

Install in the reverse order of removal.

Ornament

EXTERIOR/INTERIOR TRIM

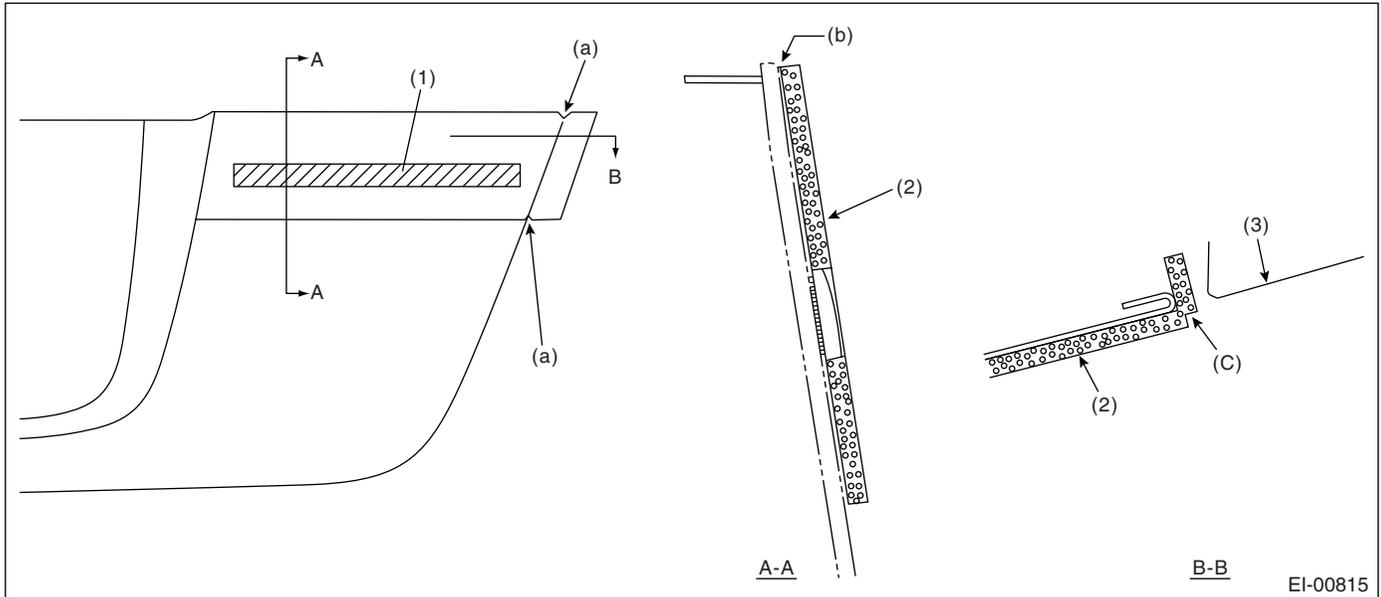
38.Ornament

A: INSTALLATION

1. LETTER MARK

Adhere the letter mark with following dimension.

- Sedan model



(a) Apply the apply tape with aligning the cut out to the end of trunk lid garnish.

(1) Letter mark

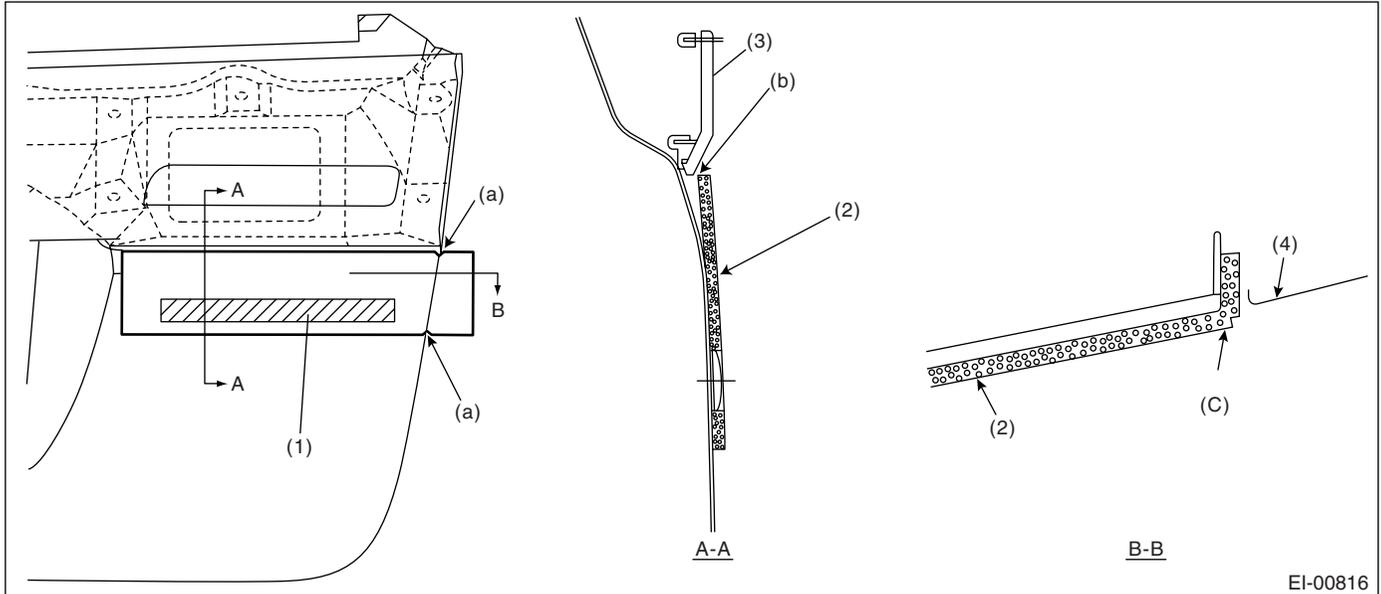
(b) Apply the apply tape with aligning R stop on the top end of trunk lid garnish.

(2) Apply tape

(c) Align the slit of apply tape to panel end.

(3) Rear combination light

• Wagon model



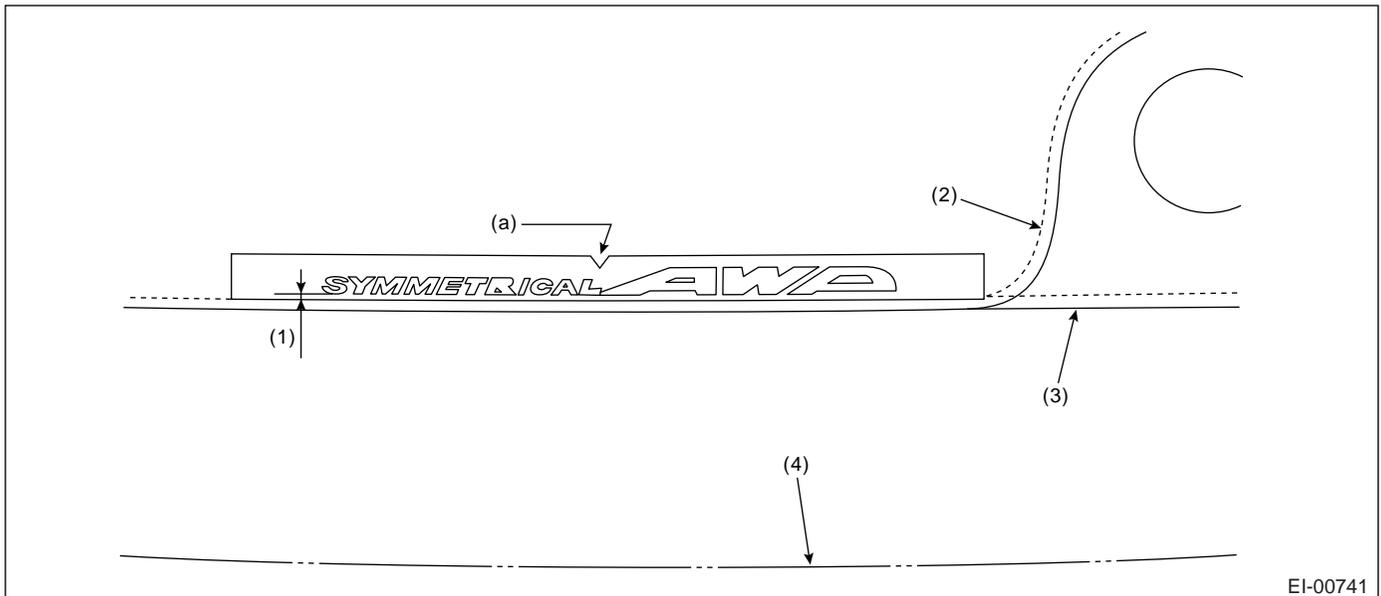
EI-00816

- | | | |
|---|---|--|
| (a) Apply the apply tape with aligning the cut out to the end of rear gate panel. | (b) Apply the apply tape with aligning outer bottom end of rear gate garnish. | (c) Align the slit of apply tape to panel end. |
| (1) Letter mark | (3) Rear gate garnish | (4) Rear combination light |
| (2) Apply tape | | |

2. AWD STICKER

Apply the AWD sticker from inside of glass with following dimension.

• Sedan model



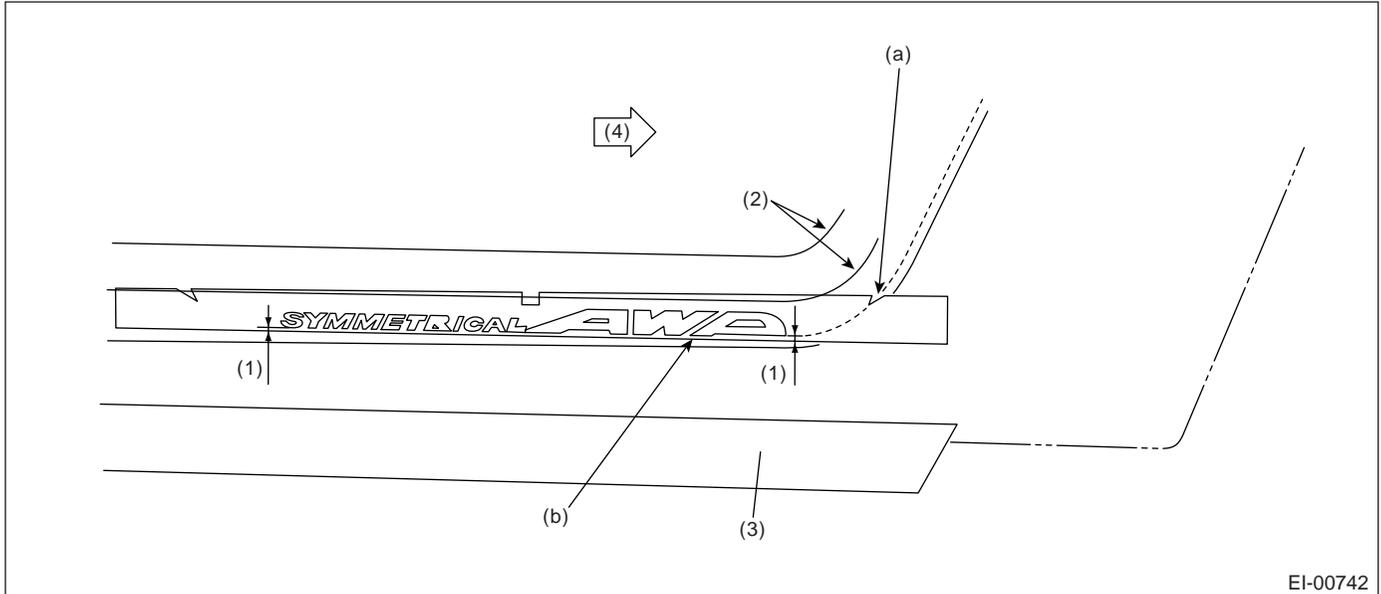
EI-00741

- | | | |
|---|---|-----------------------|
| (a) Apply the apply tape with aligning the cut out to the end of rear glass center. | (3) Gradation end of ceramic print (without rear wiper) | (4) End of rear glass |
| (1) 1 mm (0.04 in) | | |
| (2) Gradation end of ceramic print (with rear wiper) | | |

Ornament

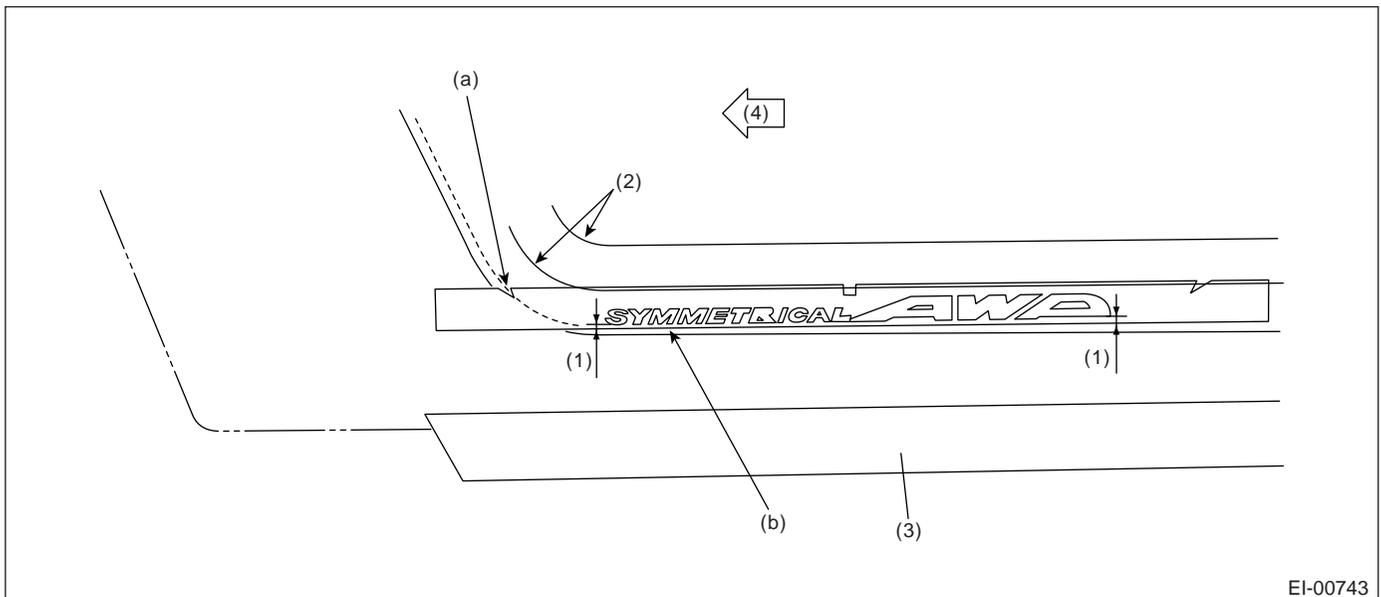
EXTERIOR/INTERIOR TRIM

- Wagon model (RH side)



EI-00742

- Wagon model (LH side)



EI-00743

(a) Apply the apply tape with aligning the cut out to the ceramic print.

(b) Gradation end of ceramic print

(1) 1 mm (0.04 in)

(3) Molding

(4) Front side of vehicle

(2) Glass antenna wire