

GROUP 51A

EXTERIOR

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SPECIFICATION(S)

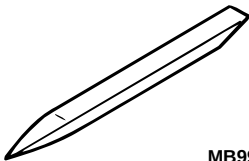
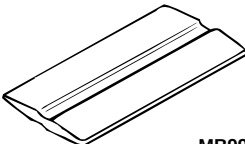
ADHESIVES

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Item	Specifications
Front three-diamond mark	Adhesive tape: Double-sided tape 0.8 mm (0.03 in) thickness
Clip D for roof drip molding	Adhesive tape: Double-sided tape 10 mm (0.39 in) width and 30 mm (1.18 in) thickness
Side air dam	Adhesive tape: Double-sided tape 4.0 mm (0.16 in) width and 1.2 mm (0.05 in) thickness
Rear roof garnish	Adhesive tape: Double-sided tape 10 mm (0.39 in) width and 1.2 mm (0.05 in) thickness

SPECIAL TOOLS

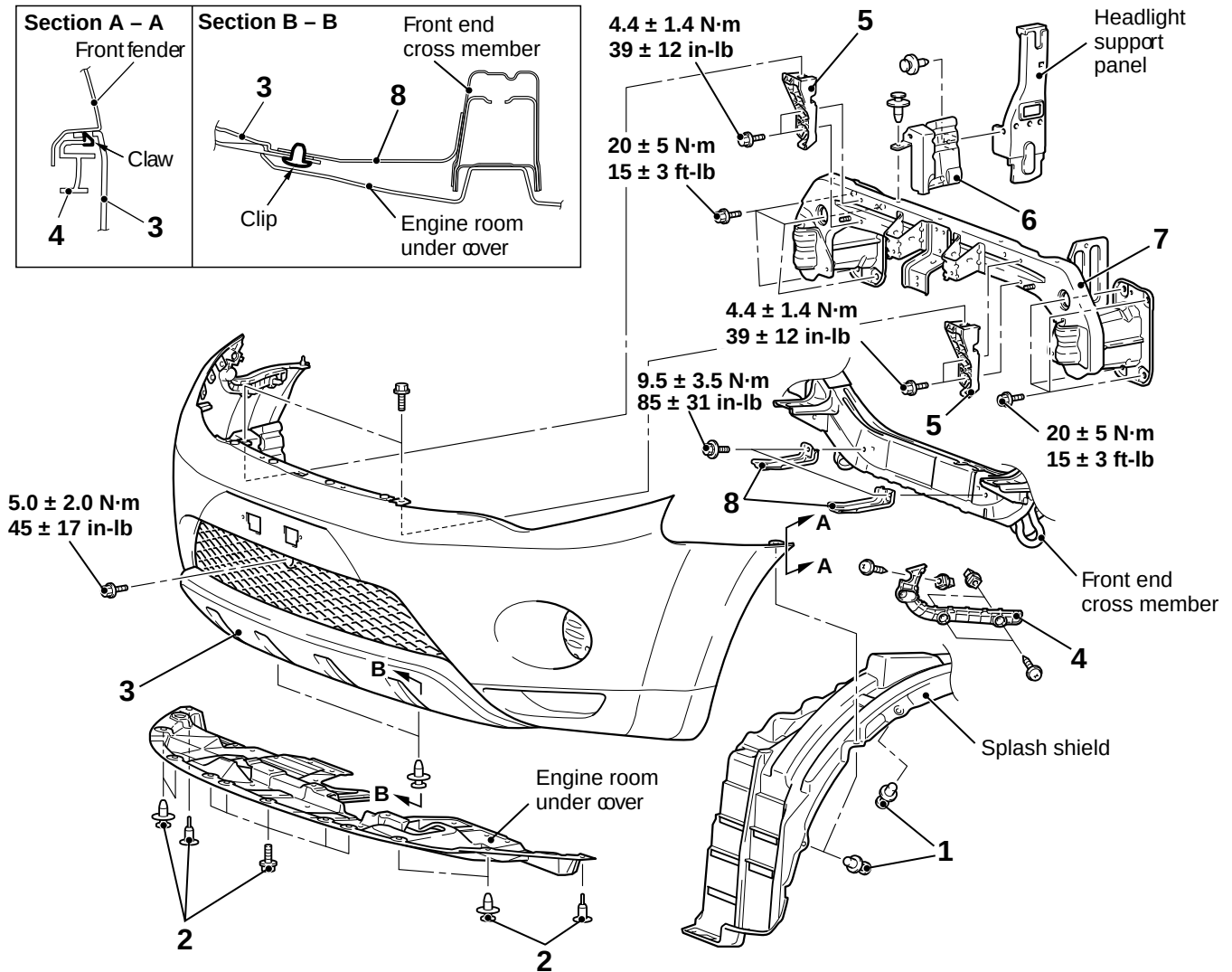
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Tool	Tool number and name	Supersession	Application
 MB990784	MB990784 Ornament remover	General service tool	Removal of garnishes
 MB990528	MB990528 Stripe tape spatular	General service tool	Installation of door sash tape

FRONT BUMPER ASSEMBLY

REMOVAL AND INSTALLATION

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Removal steps

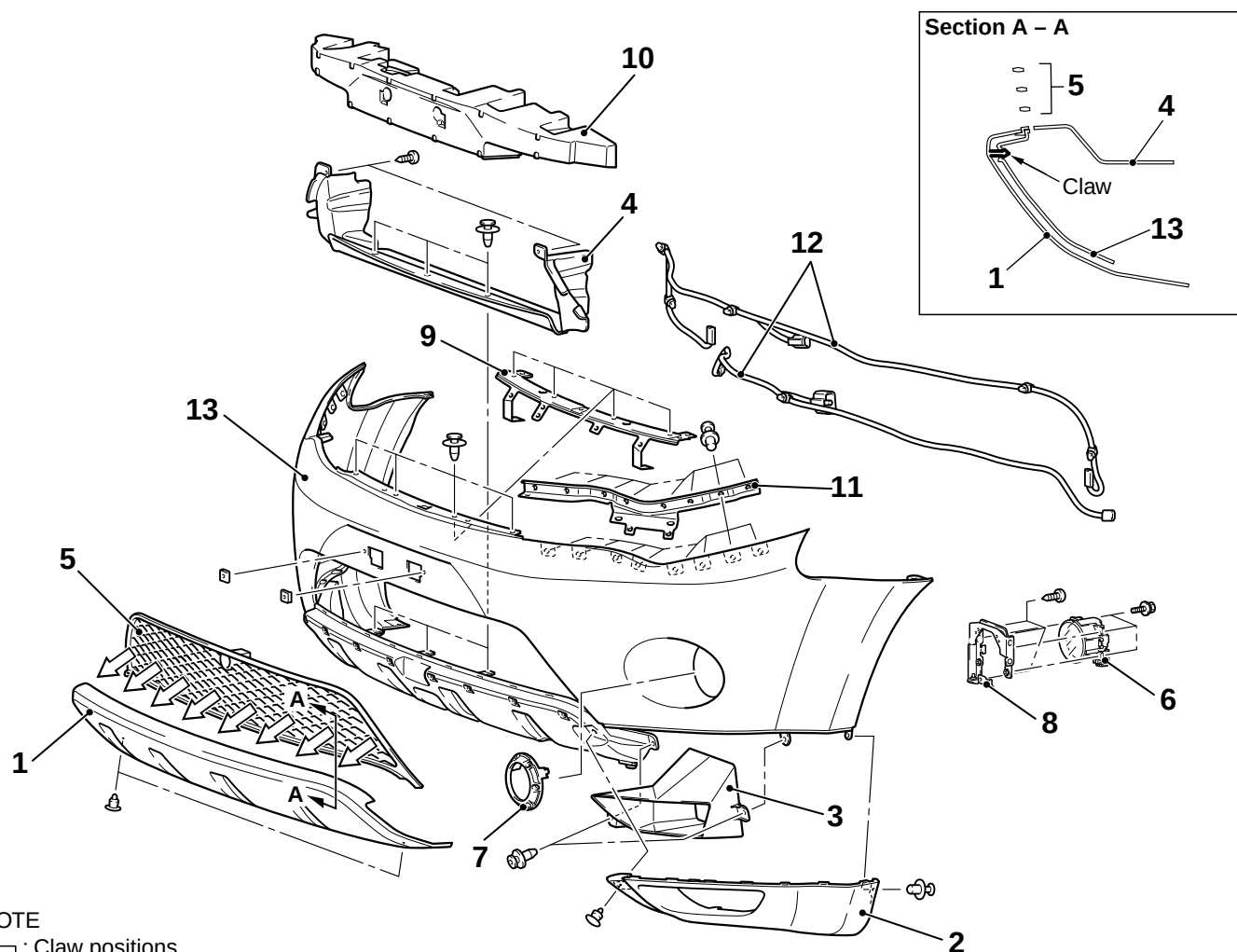
- Radiator grille (Refer to P.51A-7)
1. Splash shield mounting clips
2. Engine room under cover mounting clips and bolts
3. Front bumper assembly
4. Front bumper side bracket

Removal steps

5. Headlight bracket
6. Front end panel guide
7. Front bumper reinforcement
8. Bumper lower bracket

DISASSEMBLY AND ASSEMBLY

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NOTE

↔ : Claw positions

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Disassembly steps

1. Front bumper extension A
2. Front bumper extension B
3. AT oil cooler duct
4. Front bumper air guide duct
5. Front bumper grille
6. Front fog light assembly (Vehicles with front fog light)
7. Front fog light bezel (Vehicles with front fog light)
8. Front fog light bracket (Vehicles with front fog light)

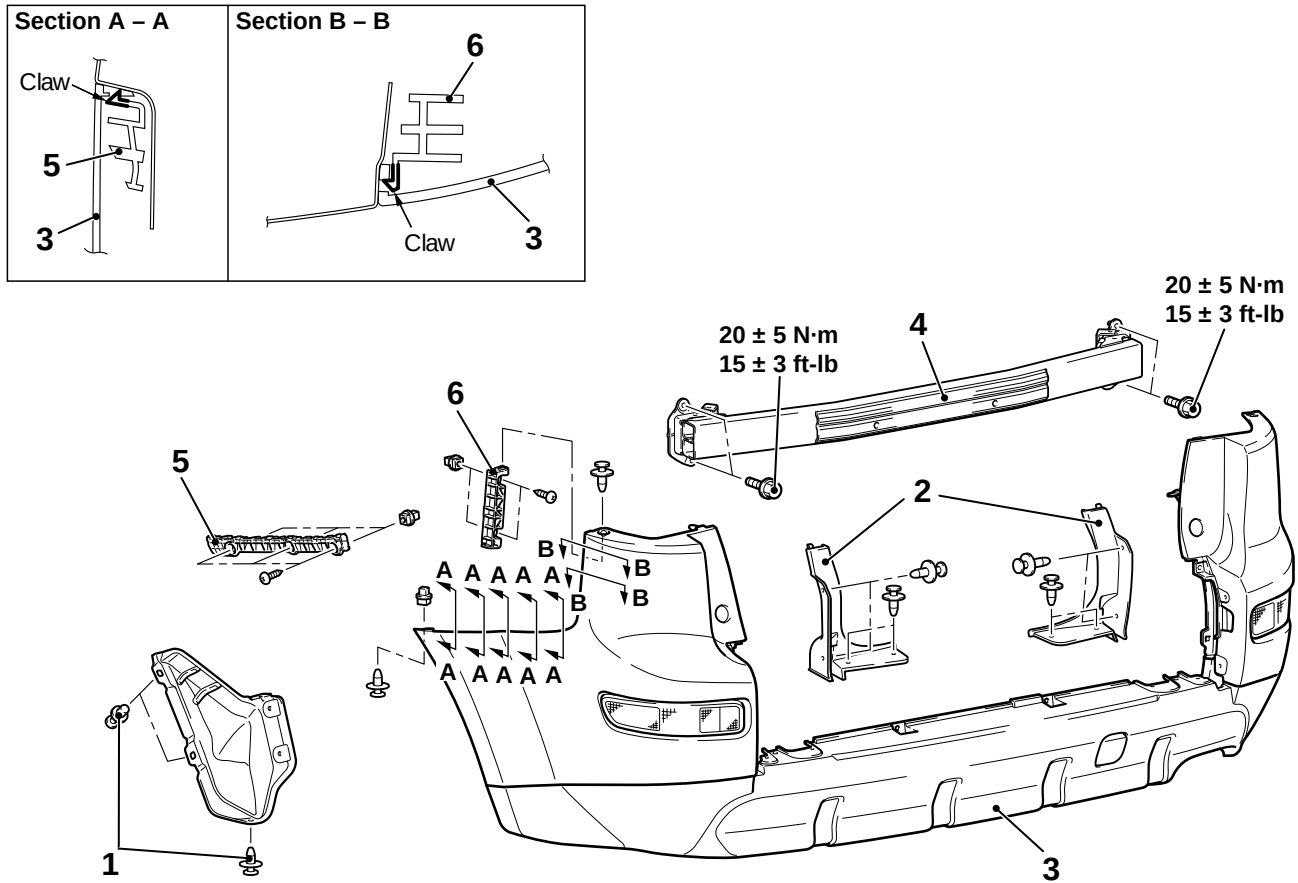
Disassembly steps

9. Front bumper reinforcement A
10. Front bumper core
- .
11. Front bumper reinforcement B
- .
12. Front bumper harness
- .
13. Front bumper face
- .

REAR BUMPER ASSEMBLY

REMOVAL AND INSTALLATION

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Removal steps

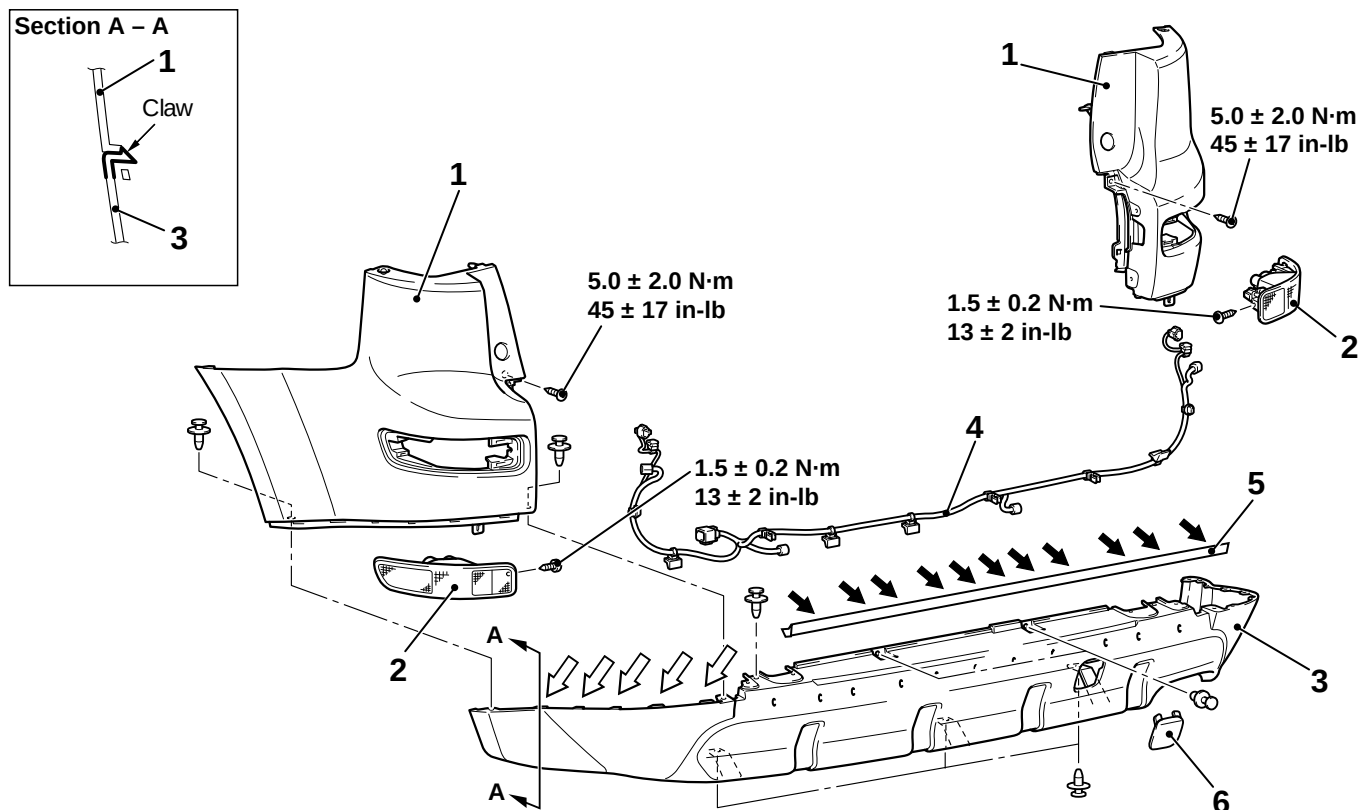
- Rear combination light (Refer to GROUP 54Ac, Rear combination light P. 54Ac-182)
- Rear bumper harness connector connection
- 1. Splash shield mounting clips

Removal steps

- 2. Rear bumper cover
- 3. Rear bumper assembly
- 4. Rear bumper beam assembly
- 5. Rear bumper side bracket
- 6. Rear bumper face side bracket

DISASSEMBLY AND ASSEMBLY

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NOTE

⇐ : Claw positions

➡ : Clip positions

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Disassembly steps

- Rear side marker light connector connection
- 1. Rear corner bumper
- 2. Rear side marker light
- 3. Rear bumper face

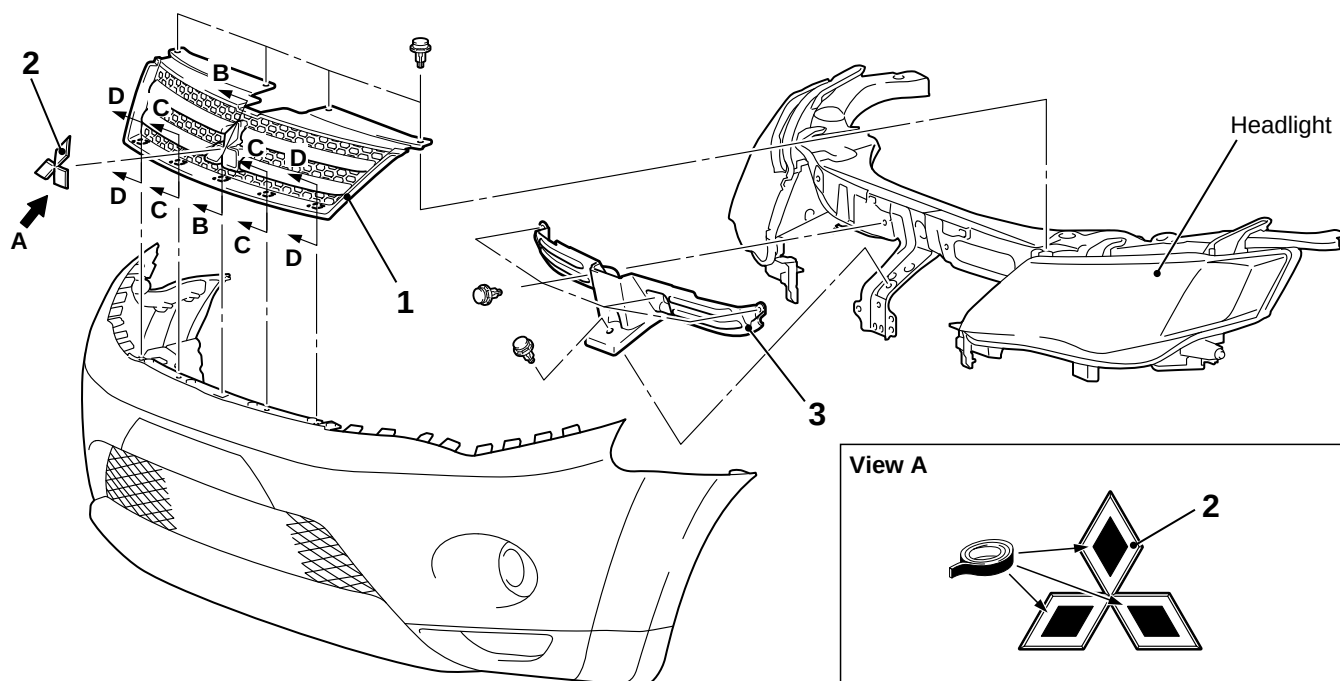
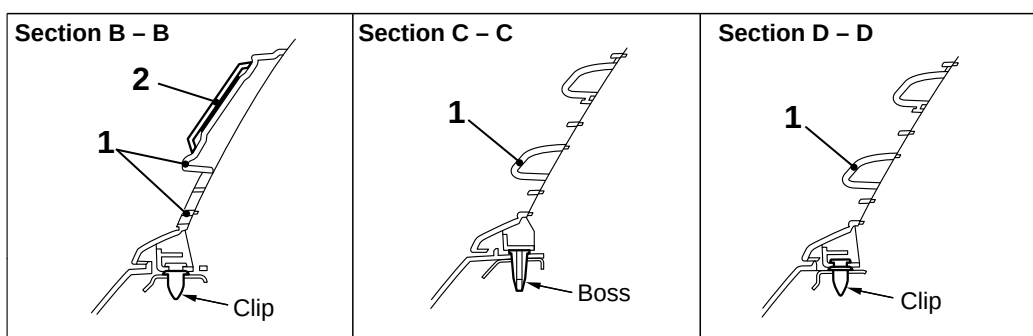
Disassembly steps

- 4. Rear bumper harness
- 5. Rear bumper weatherstrip
- 6. Towing cover

RADIATOR GRILLE

REMOVAL AND INSTALLATION

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Removal steps

1. Radiator grille
2. Front-three diamond mark

Removal steps

3. Headlight support upper panel cover

MOLDINGS

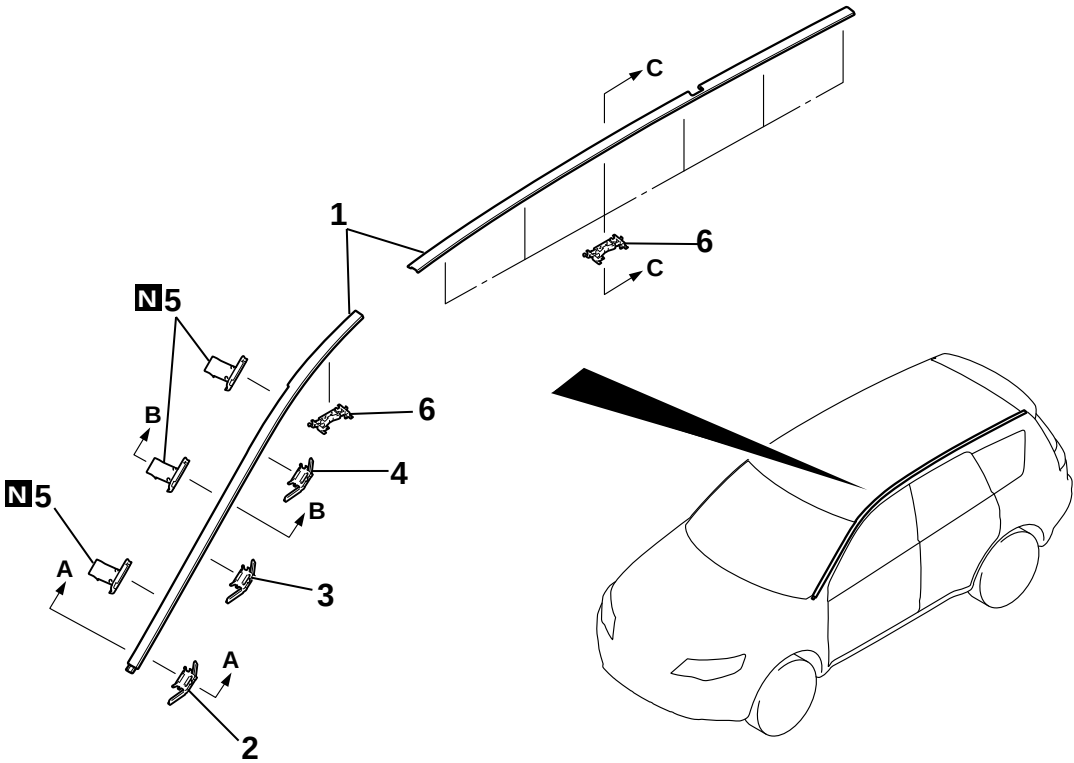
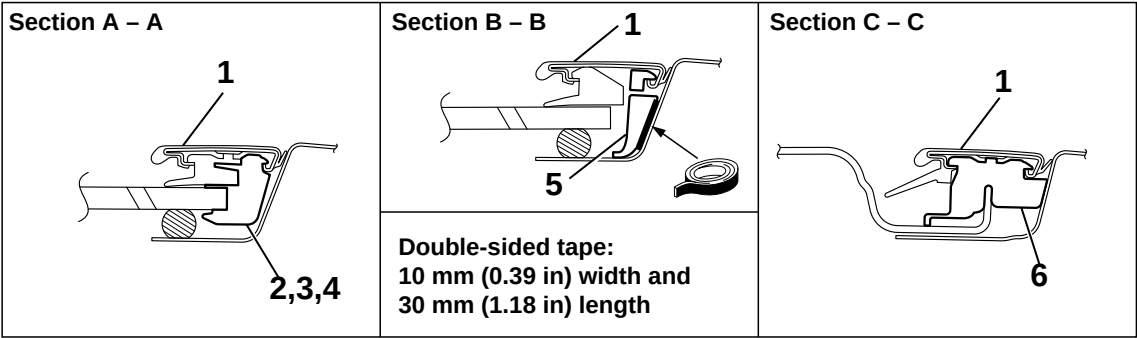
REMOVAL AND INSTALLATION

CAUTION

Before installing the roof drip molding, the windshield adhesive remained on the clip installation points should be removed 3 to 5 mm

(0.12 to 0.20 in) from the edge of the glass. However, if the windshield adhesive has not been cured yet, it is not necessary to remove it.

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<<A>>

Removal steps

1. Roof drip molding
2. Clip A (red)
3. Clip B (orange)
4. Clip C (pink)

Removal steps

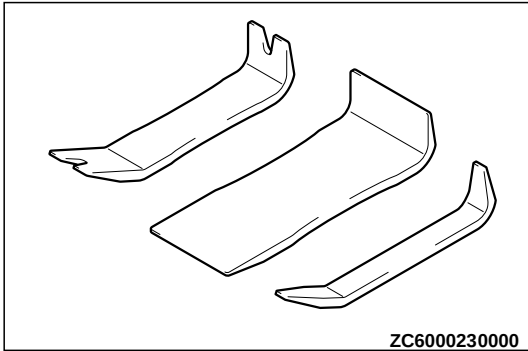
5. Clip D
6. Clip E

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REMOVAL SERVICE POINT

<<A>> ROOF DRIP MOLDING REMOVAL

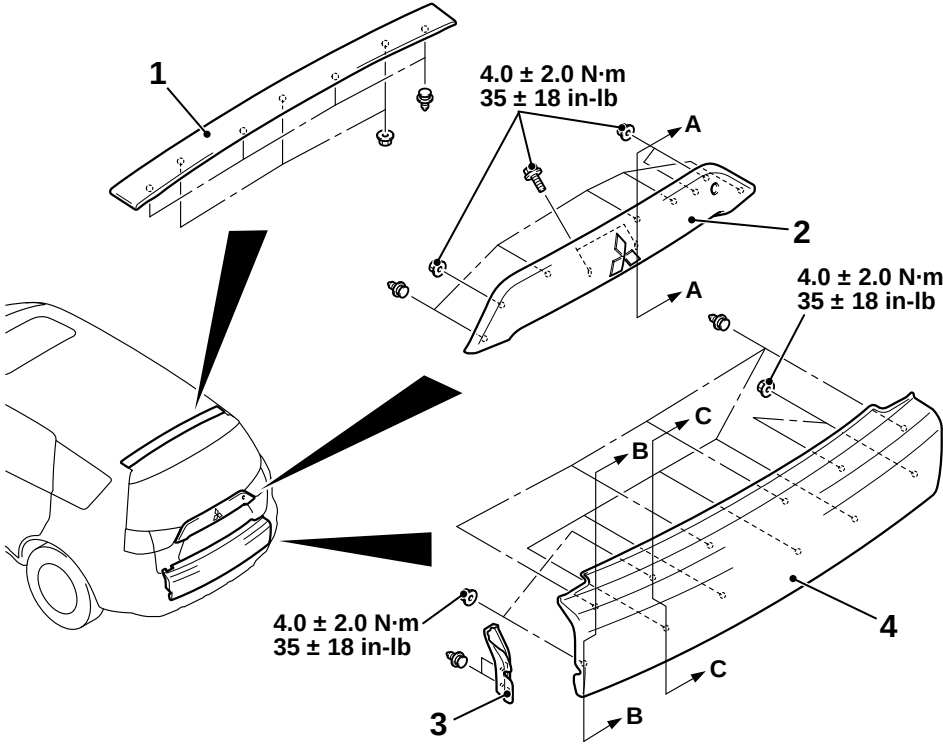
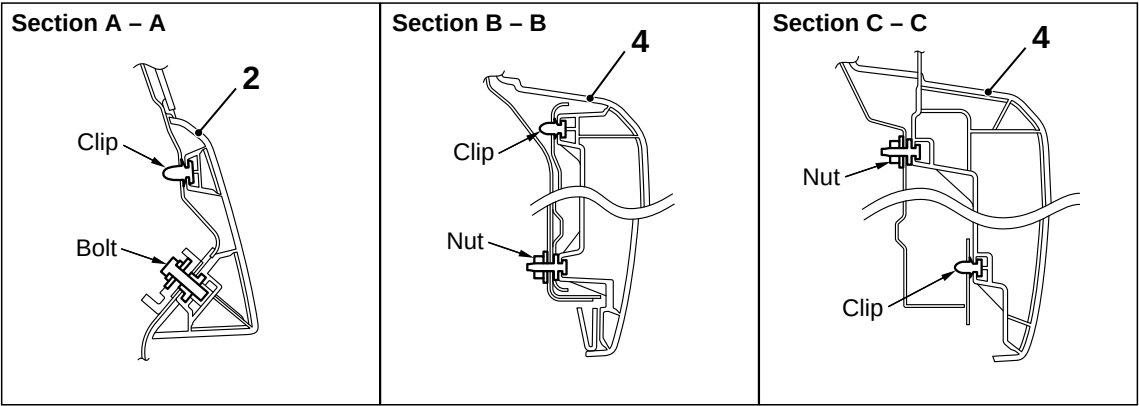
NOTE: Use a commercial available ornament remover (resin-made) as shown to pry out the roof drip molding.



GARNISHES

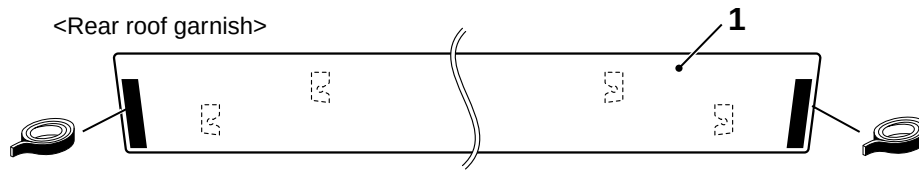
REMOVAL AND INSTALLATION

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Double-sided tape affixed location



Double-sided tape: 10 mm (0.39 in) width and 1.2 mm (0.05 in) thickness

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Rear roof garnish removal

- Roof rail (Refer to P.51A-19)
- Headlining (Refer to GROUP 52A, Headlining P.52A-15)

1. Rear roof garnish

Liftgate garnish removal

- Rear wiper motor (Refer to P.51B-49)
- Liftgate trim (Refer to GROUP 52A, Liftgate trim P.52A-14)

Liftgate garnish removal

>>A<< 2. Liftgate garnish

Liftgate lower garnish removal

- Liftgate lower trim (Refer to GROUP 52A, Liftgate lower trim P.52A-14)
- 3. Liftgate garnish cover
- 4. Liftgate lower garnish

Required Special Tool:

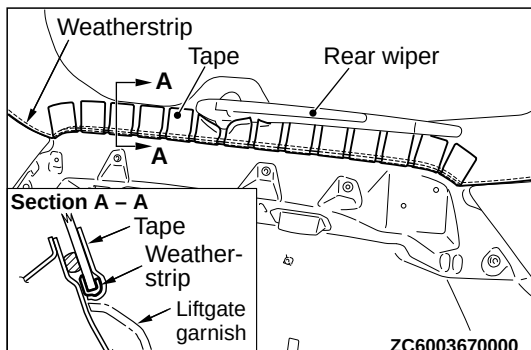
•MB990784: Ornament remover

INSTALLATION SERVICE POINT

>>A<< LIFTGATE GARNISH INSTALLATION

CAUTION

When installing the liftgate garnish, roll up the weatherstrip and secure it with a tape as shown to avoid trapping it.



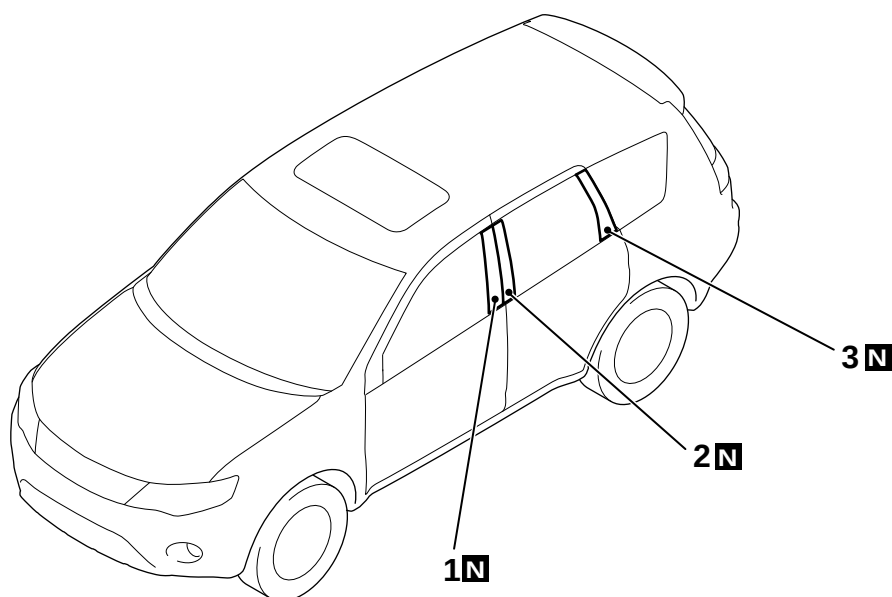
DOOR SASH TAPE

REMOVAL AND INSTALLATION

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Pre-removal and post-installation operation

- Door Trim Assembly Removal and Installation (Refer to GROUP 52A - Door Trim, P.52A-11).
- Door Beltline Weatherstrip Inner Removal and Installation (Refer to GROUP 42Ab - Window Glass Runchannel and Door Opening Weatherstrip P.42Ab-110).
- Door Opening Weatherstrip Outer Removal and Installation (Refer to GROUP 42Ab - Window Glass Runchannel and Door Opening Weatherstrip P.42Ab-110).
- Door Window Glass Runchannel Removal and Installation (Refer to GROUP 42Ab - Window Glass Runchannel and Door Opening Weatherstrip P.42Ab-110).
- Door Beltline Molding Removal and Installation (Refer to GROUP 42Ab - Window Glass Runchannel and Door Opening Weatherstrip P.42Ab-110).



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Removal steps

<<A>> >>A<< 1. Front door sash tape, rear

<<A>> >>A<< 2. Rear door sash tape, front

<<A>> >>A<< 3. Rear door sash tape, rear

Required Special Tool:

•MB990528: Stripe Tape Spatula

REMOVAL SERVICE POINT**<<A>> DOOR SASH TAPES REMOVAL****⚠ CAUTION****Pay attention to keep from getting burned by hot door panel or tapes.**

1. Use a hair drier to warm the tape.
2. Peel the tip of the tape with your finger, and then peel off the tape in parallel with the application surface.

INSTALLATION SERVICE POINT

>>A<< DOOR SASH TAPES INSTALLATION

⚠ CAUTION

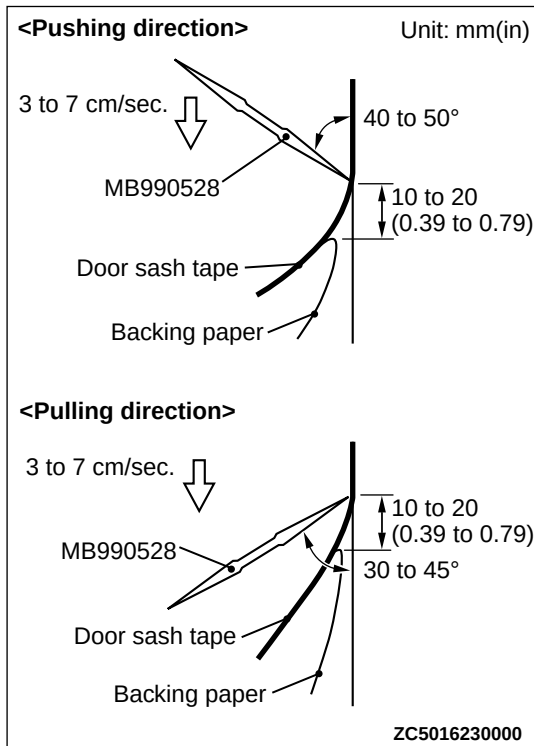
• The ambient temperature should be 20 - 30 °C(68 - 86°F). Ensure that the working area is clean. Ideally, the tape application should be done at ambient temperature of 25° C(77°F).

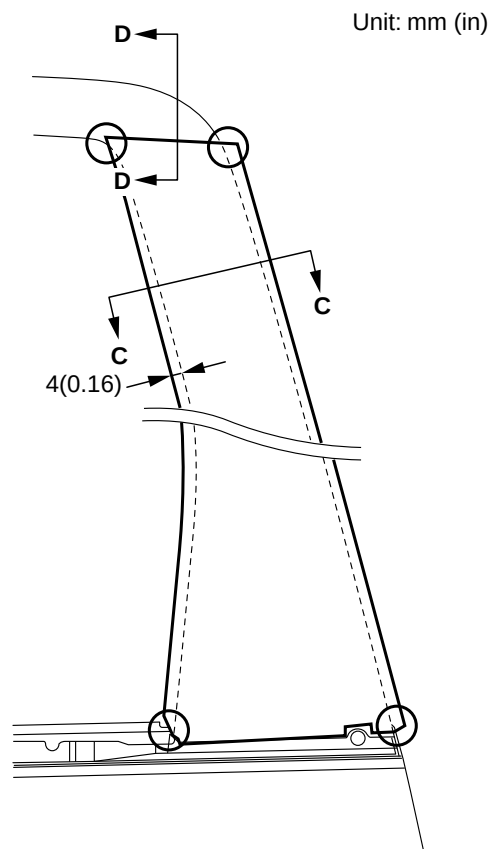
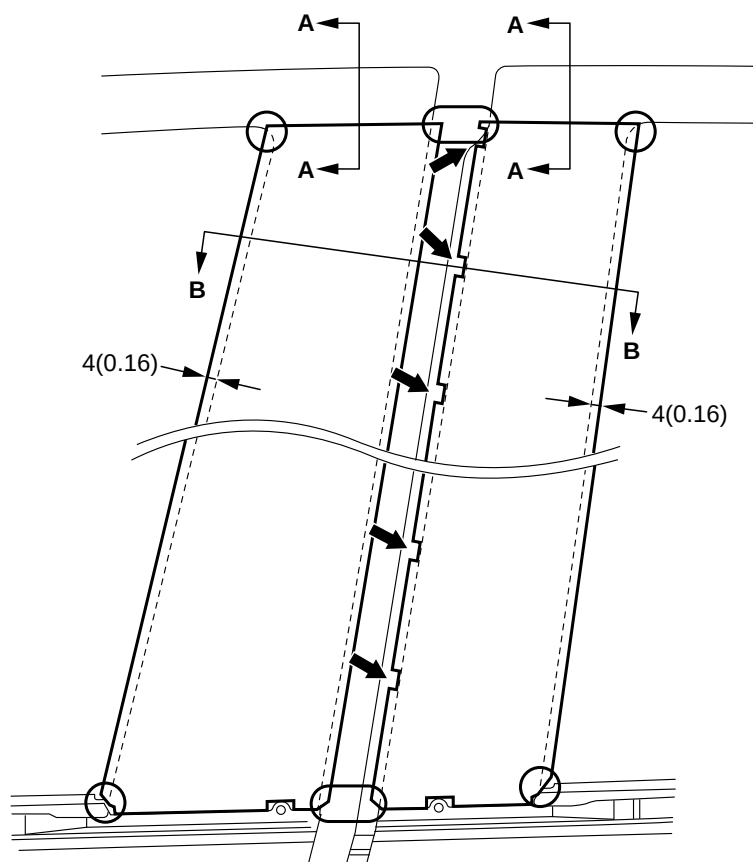
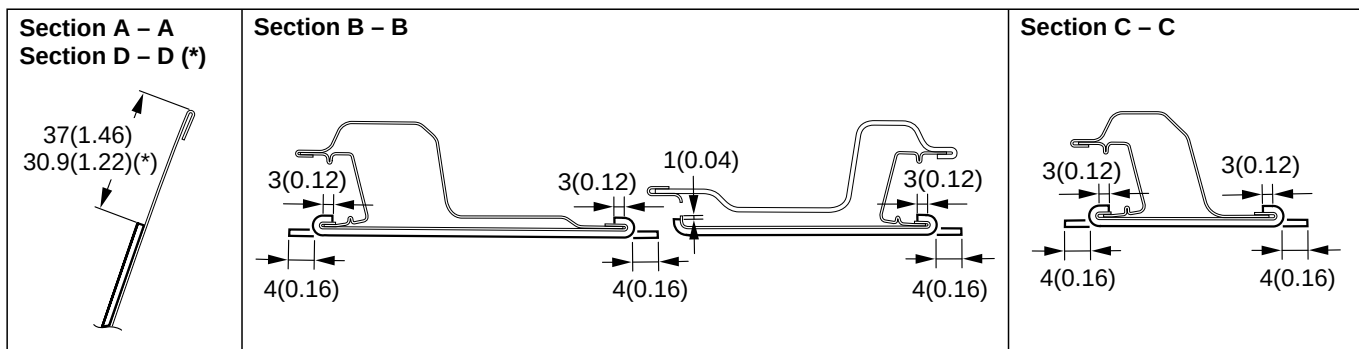
• If ambient temperature is less than 15°C(59°F, heat the tape and application surface to a temperature of 20 - 30 ° C(68 - 86°F). Alternatively, allow it to cool if it is 35°C(95° F) or higher. The adhesive property of the tape is deteriorated at low temperature, so the tape may come adrift easily. Meanwhile, the tape will be softened excessively at high temperature.

• When beginning to apply the tape, pay particular attention. If the end of the tape cannot be applied to the specified position with an accuracy of less than 1 mm (0.04 in), it may cause the poor appearance or adhesion.

• When using the special tool, stripe tape spatula (MB990528) to apply the tape, be sure to move it steadily, evenly and without interruption. If you fail to do so, a groove (usually known as shock line) may be left on the tape surface. Meanwhile, if you move it too slowly, air bubble may be left inside the tape. Keep even pressure, constant speed and steady application angle when moving the special tool.

1. Wrap a soft cloth (synthetic fiber) around the tip of the special tool.
2. Use white gasoline to degrease the tape application surface.
3. Wipe away dirt from the tape.



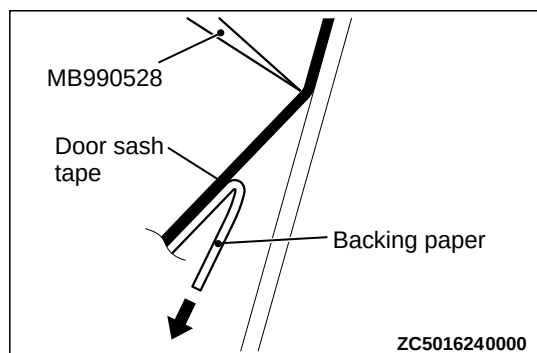


Unit: mm (in)

○ : Tape locating points

➡ : T-stud for door opening weatherstrip attaching locations (6 places in all).

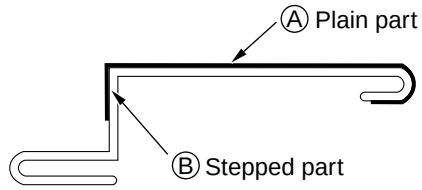
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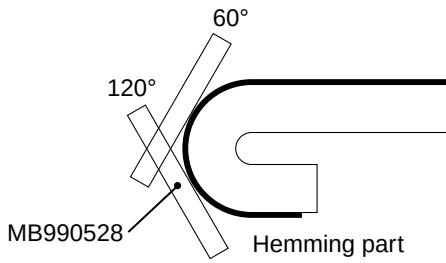
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4. Apply the door sash tape according to the procedure below.
 - (1) Position the tape at the upper and lower locating points.
 - (2) Peel of backing strip from the top of the tape and attach it temporarily.
 - (3) Peel off the backing strip to the half length of the tape.
 - (4) Apply the tape using the special tool while peeling off the remaining backing strip.
 - (5) For the front rear door sash tape, apply it to plain surface (A). Then apply it to stepped surface (B).
 - (6) Press the folded area of the tape by three stages (60°, 120° and holding), rolling in toward the vehicle inside direction.

Rear door sash tape front



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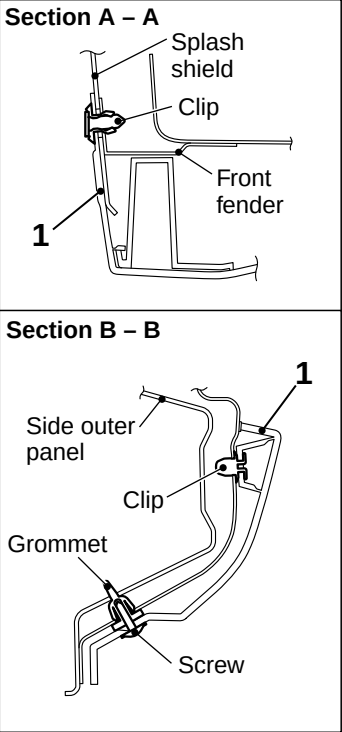
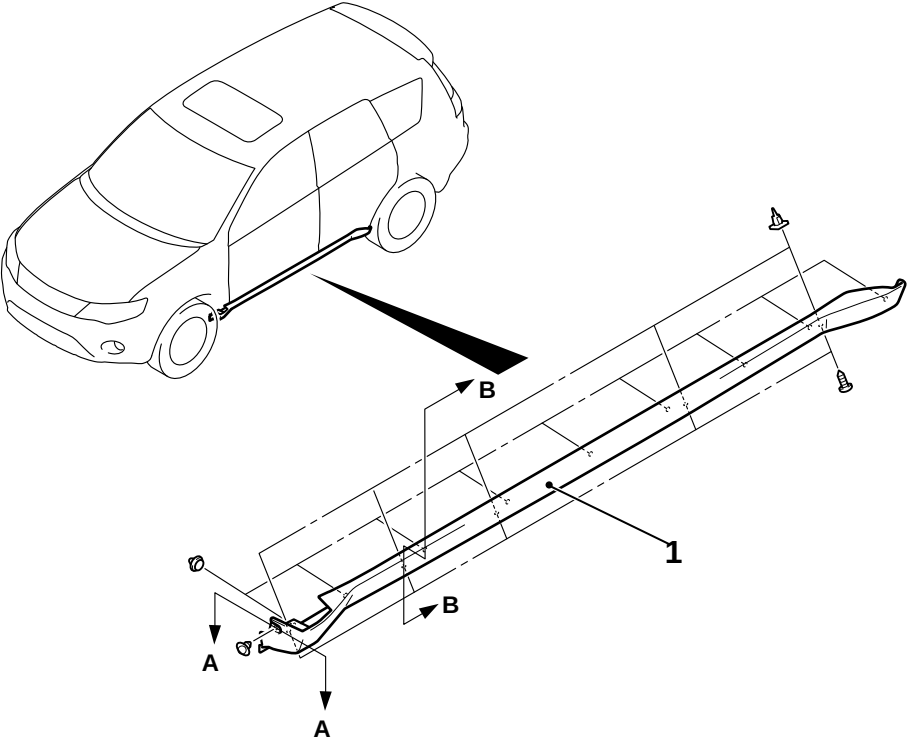


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SIDE AIR DAM

REMOVAL AND INSTALLATION

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Double-sided tape affixed location

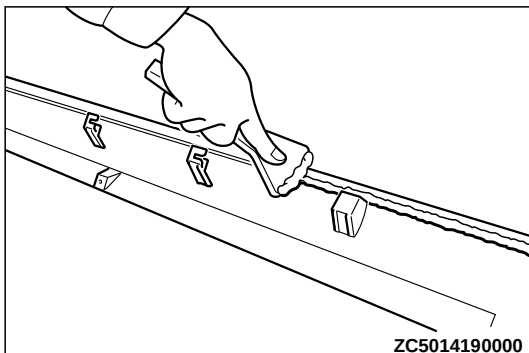
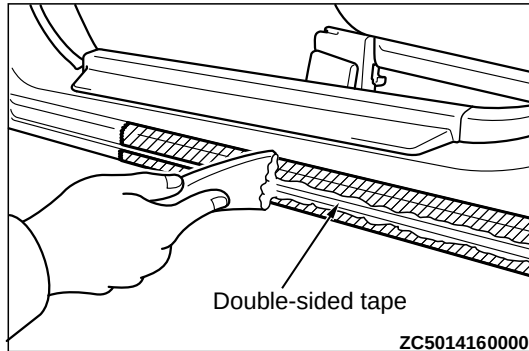
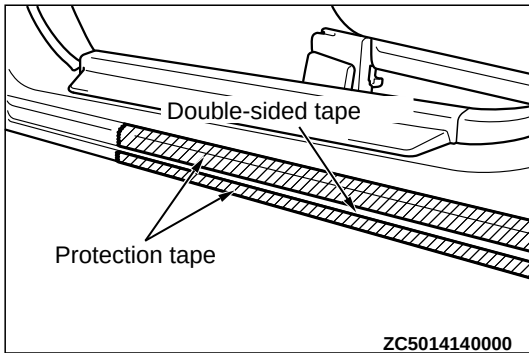
Double-sided tape:
4 mm (0.16 in) width and 1.2 mm (0.05 in) thickness

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- Removal**
- <<A>> >>A<< 1. Side air dam

REMOVAL SERVICE POINT

<<A>> SIDE AIR DAM REMOVAL
Gently lift and remove the side air dam. If there is any double-sided tape remaining on the side air dam, remove according to the following instructions.
Remove double-sided tape remaining on the body surface



1. Attach protection tape all the way along the edges of the double-sided tape which is still adhering to the body.

2. Scrape off the double-sided tape with a resin spatula as much as possible.

3. Peel off the protection tape.

4. Wipe the body surface and clean it with a rag moistened with isopropyl alcohol.

Remove double-sided tape remaining on side air dam and adhere double-sided tape (when re-using side air dam)

1. Scrape off the double-sided tape on the side air dam with a resin spatula as much as possible.

2. Wipe the side air dam surface and clean it with a rag moistened with isopropyl alcohol.

3. Remove only a small portion of the residual adhesive.

4. Adhere the double-sided tape as specified on the side air dam.

INSTALLATION SERVICE POINT

>>A<< SIDE AIR DAM INSTALLATION

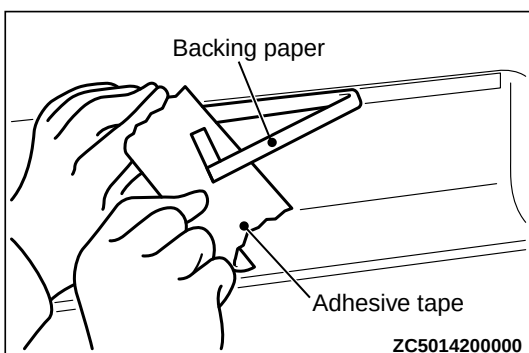
1. Tear off the double-sided tape backing paper.

NOTE: If attach the adhesive tape to the edge of the backing paper, it will be easy to tear off.

2. Install the side air dam.

NOTE: If the double-sided tape is difficult to affix in cold temperature, etc., warm the bonding surfaces of the body and side air dam to about 40- 60° C before affixing the tape.

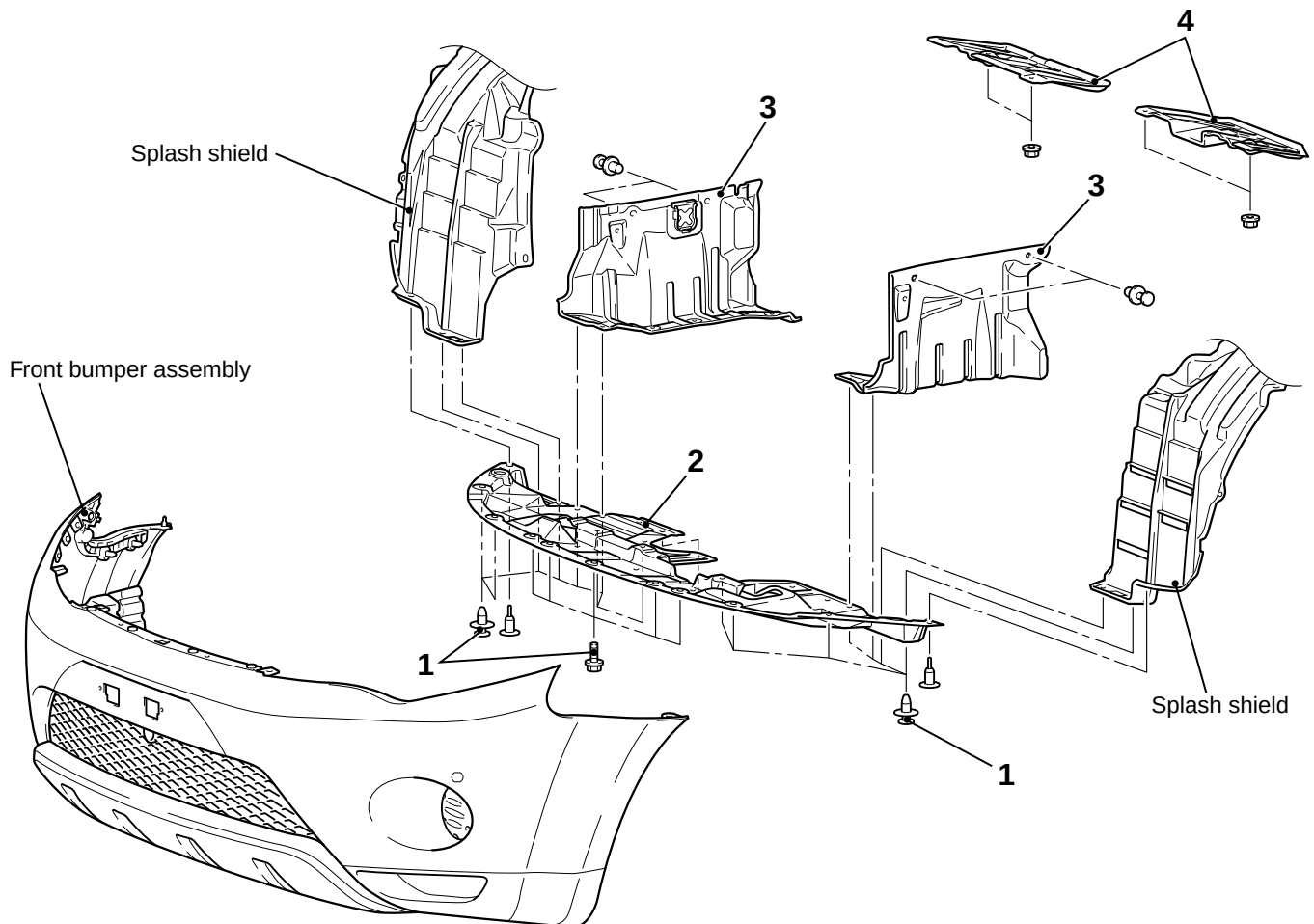
3. Firmly press in the side air dam.



UNDER COVER

REMOVAL AND INSTALLATION

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Removal steps

1. Front bumper mounting clips and bolts
2. Engine room under cover front
3. Engine room side cover

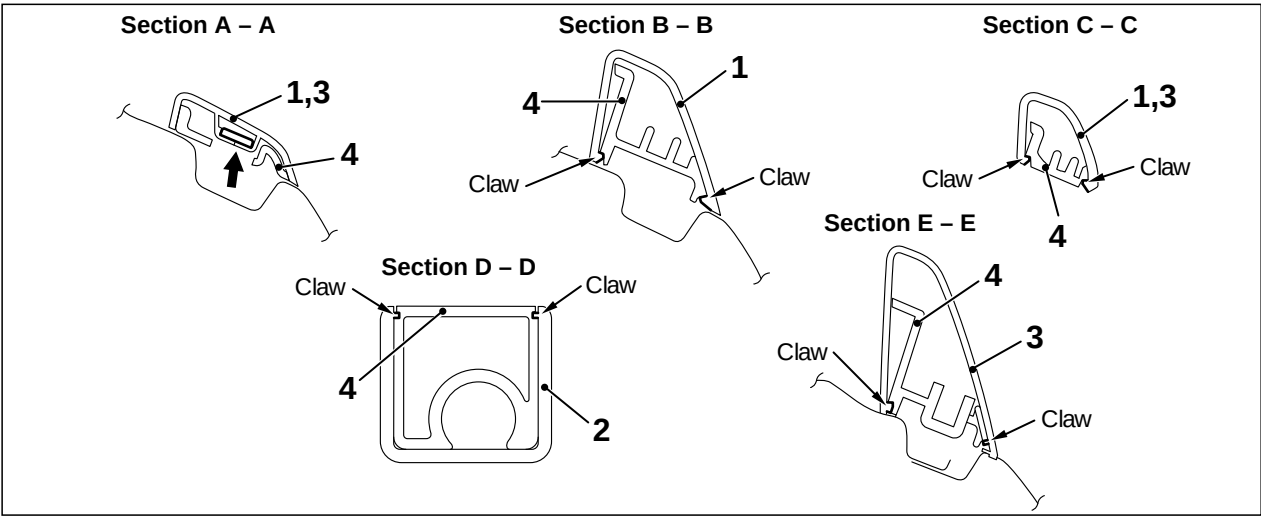
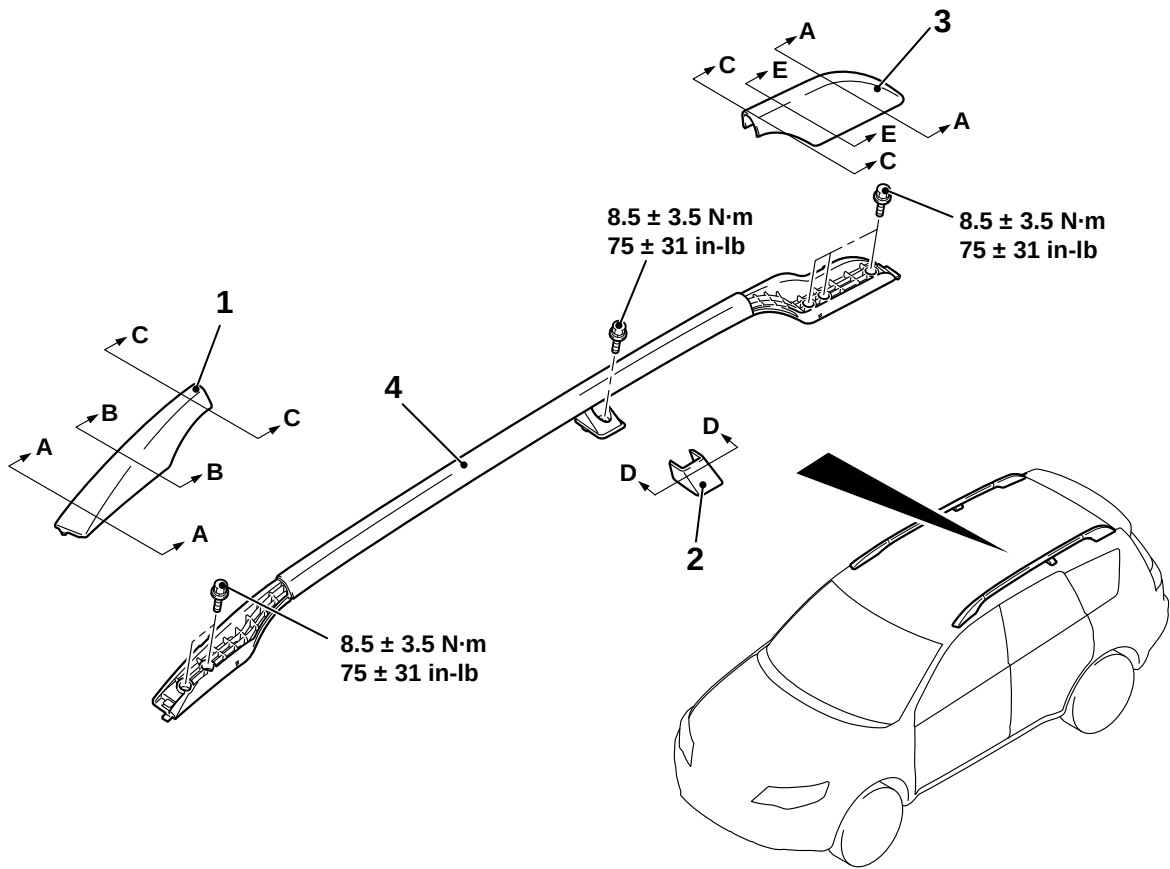
Removal steps

4. Engine room under cover rear

ROOF RAIL

REMOVAL AND INSTALLATION

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Removal steps

Roof drip molding front (Refer to P. 51A-8)

Removal steps

1. Front roof rail cover

Removal steps

2. Center roof rail cover
3. Rear roof rail cover

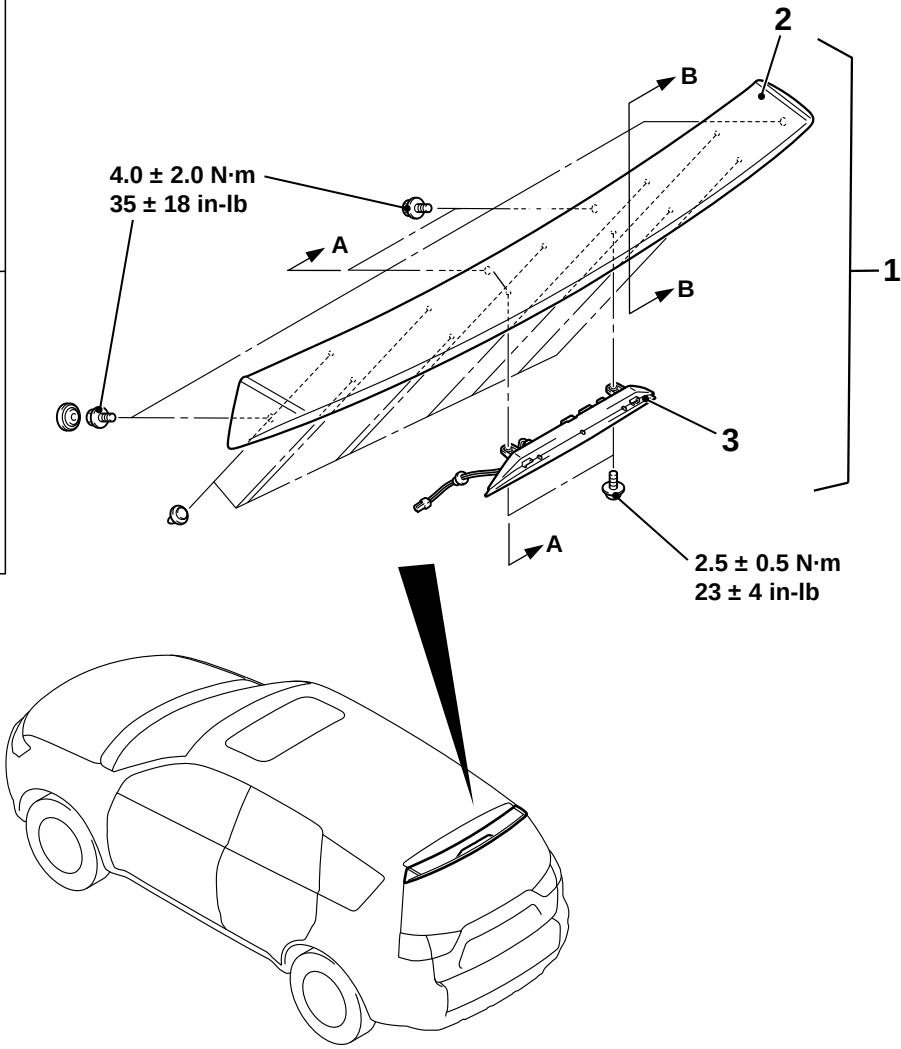
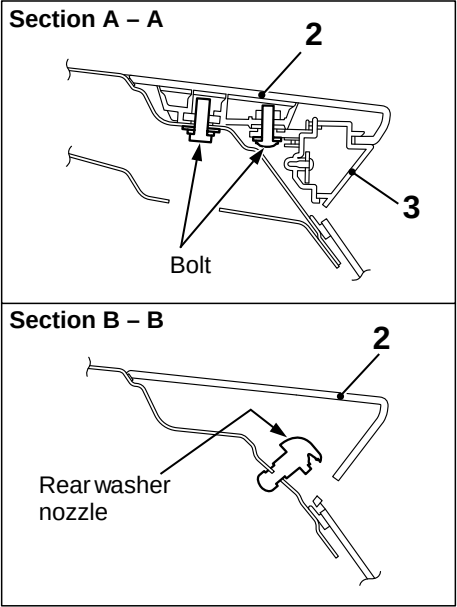
Removal steps

4. Roof rail

LIFTGATE SPOILER

REMOVAL AND INSTALLATION

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Removal steps

- Liftgate upper trim (Refer to GROUP 52A, Liftgate trim P.52A-14)
- High-mount stop light connector connection

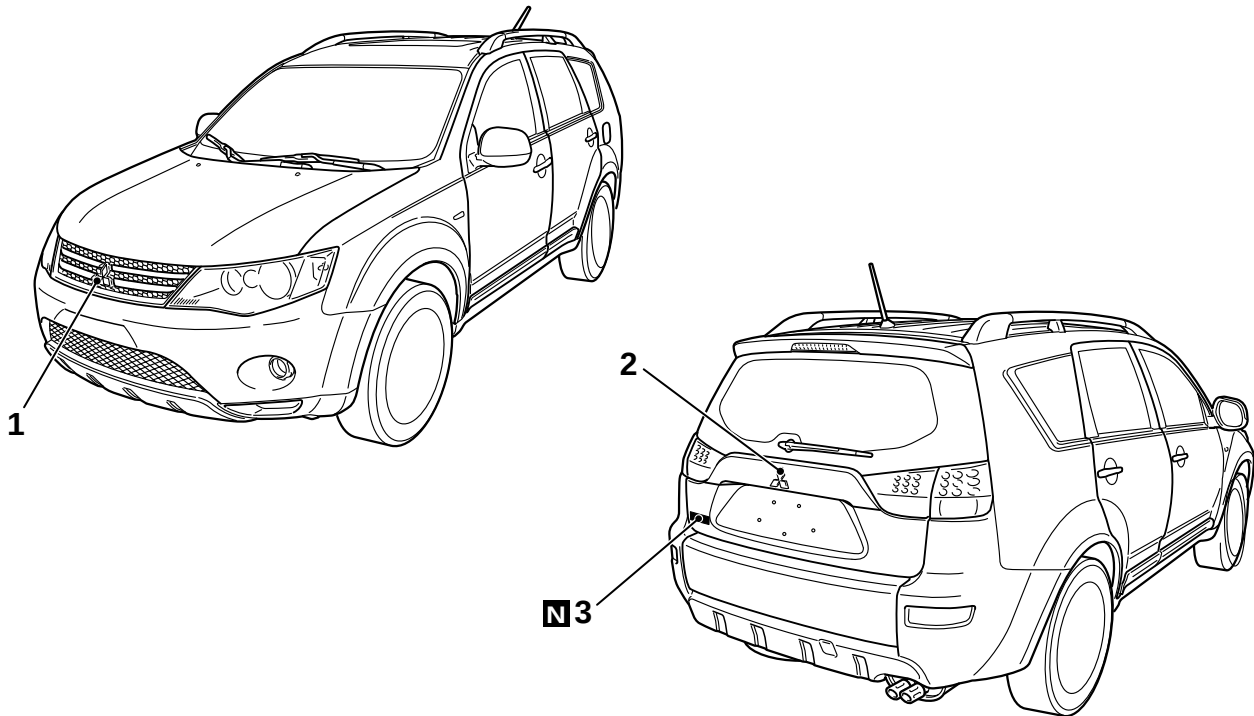
Removal steps

1. Liftgate spoiler assembly
2. Liftgate spoiler
3. High-mount stop light assembly

MARK

REMOVAL AND INSTALLATION

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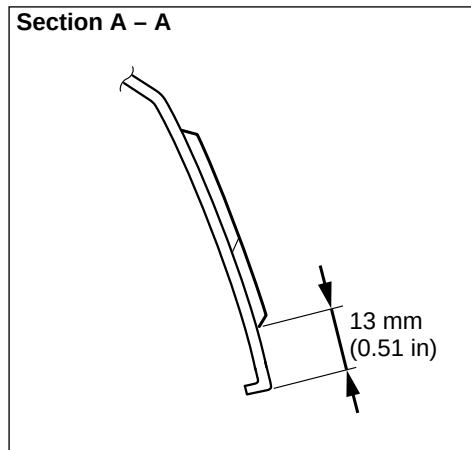
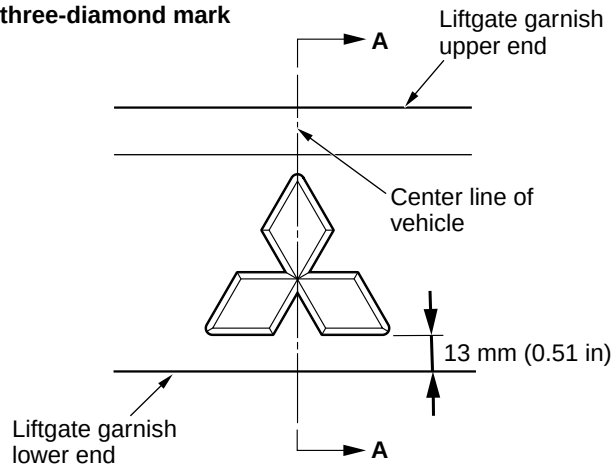
1. Front three-diamond mark (Refer to P. 51A-7)
>>A<< 2. Rear three-diamond mark
- >>A<< 3. OUTLANDER mark

INSTALLATION SERVICE POINT

>>A<< MARK APPLICATION

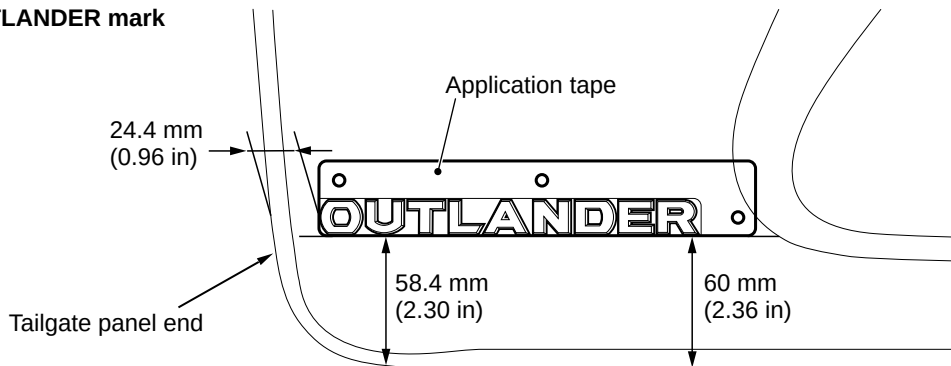
1. Installation position
Attach each mark to the position shown in the illustration.

2. Rear three-diamond mark



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3. OUTLANDER mark



ZC6004440000

2. Installation procedure

- (1) Use 3M™ AAD Part number 8906 or equivalent to clean the mark installation surfaces on the body.

CAUTION

When attaching the marks, the ambient temperature should be 20 - 38°C (60 - 100°F) and the air should be completely free of dust. If the ambient temperature is lower than 20°C (60°F), the marks and the places on the vehicle body where the marks are to be attached should be heated to 20 - 30°C (60 - 86°F).

- (2) Peel off the protection sheet on the back of the marks to paste it on the installation position.