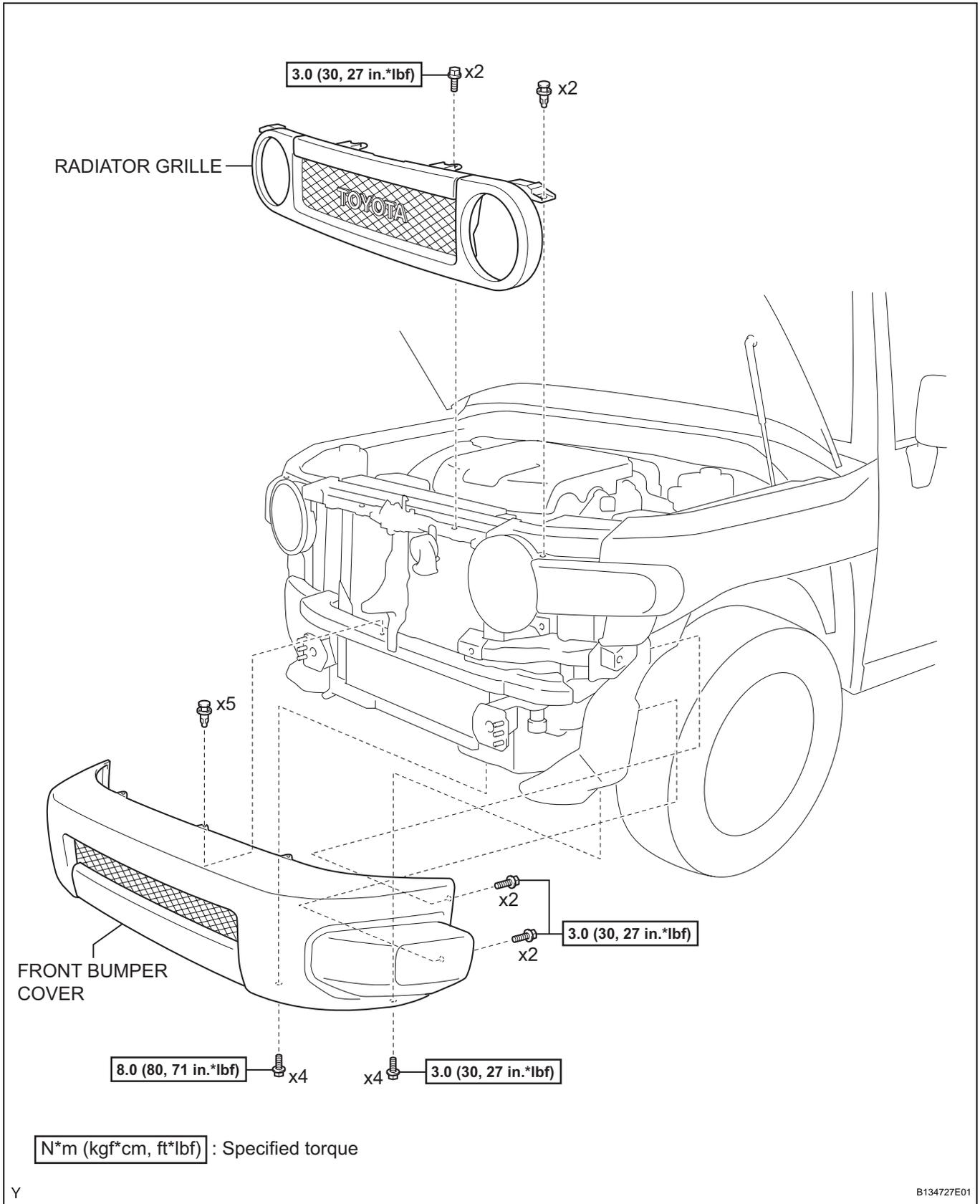
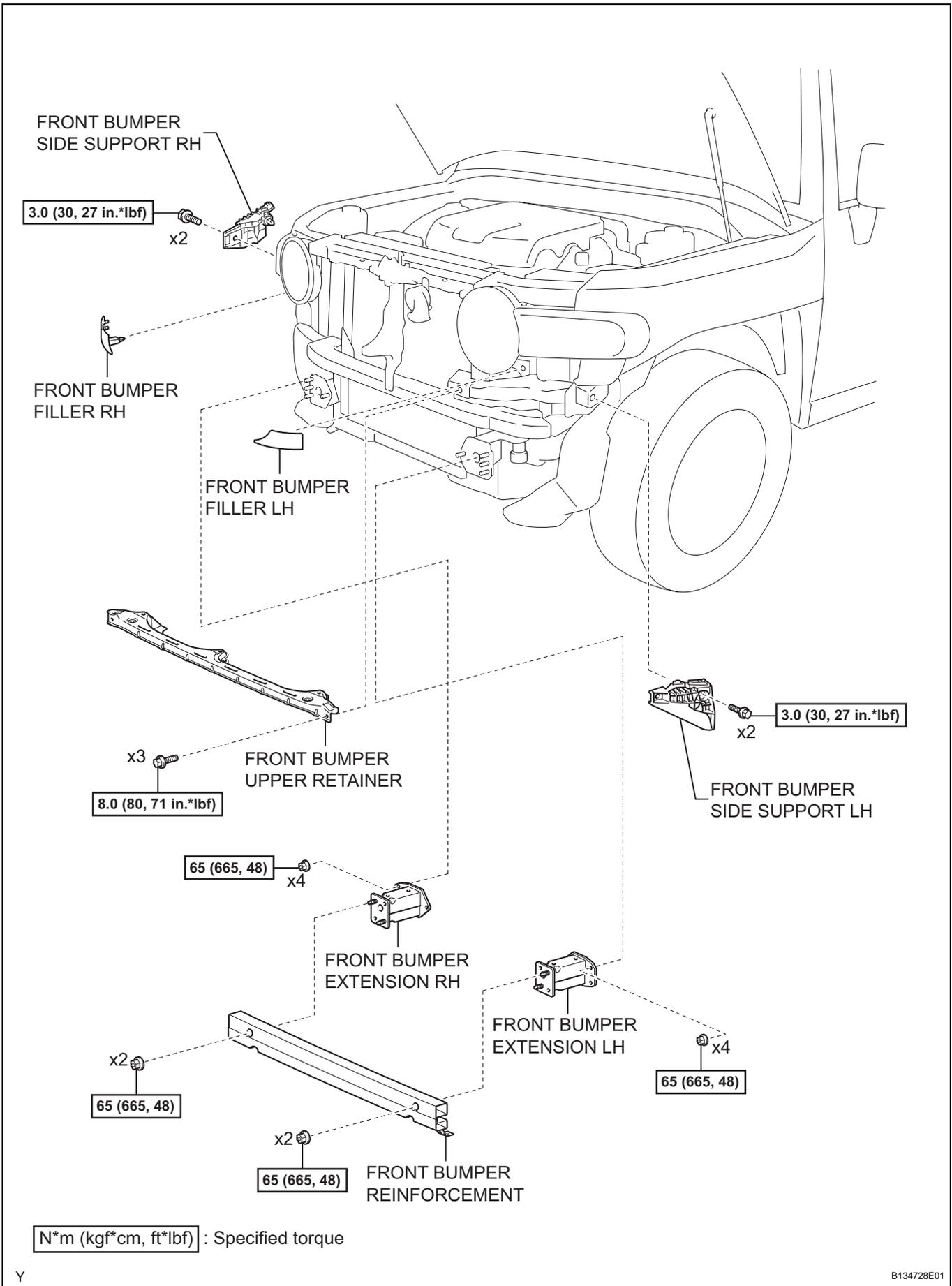


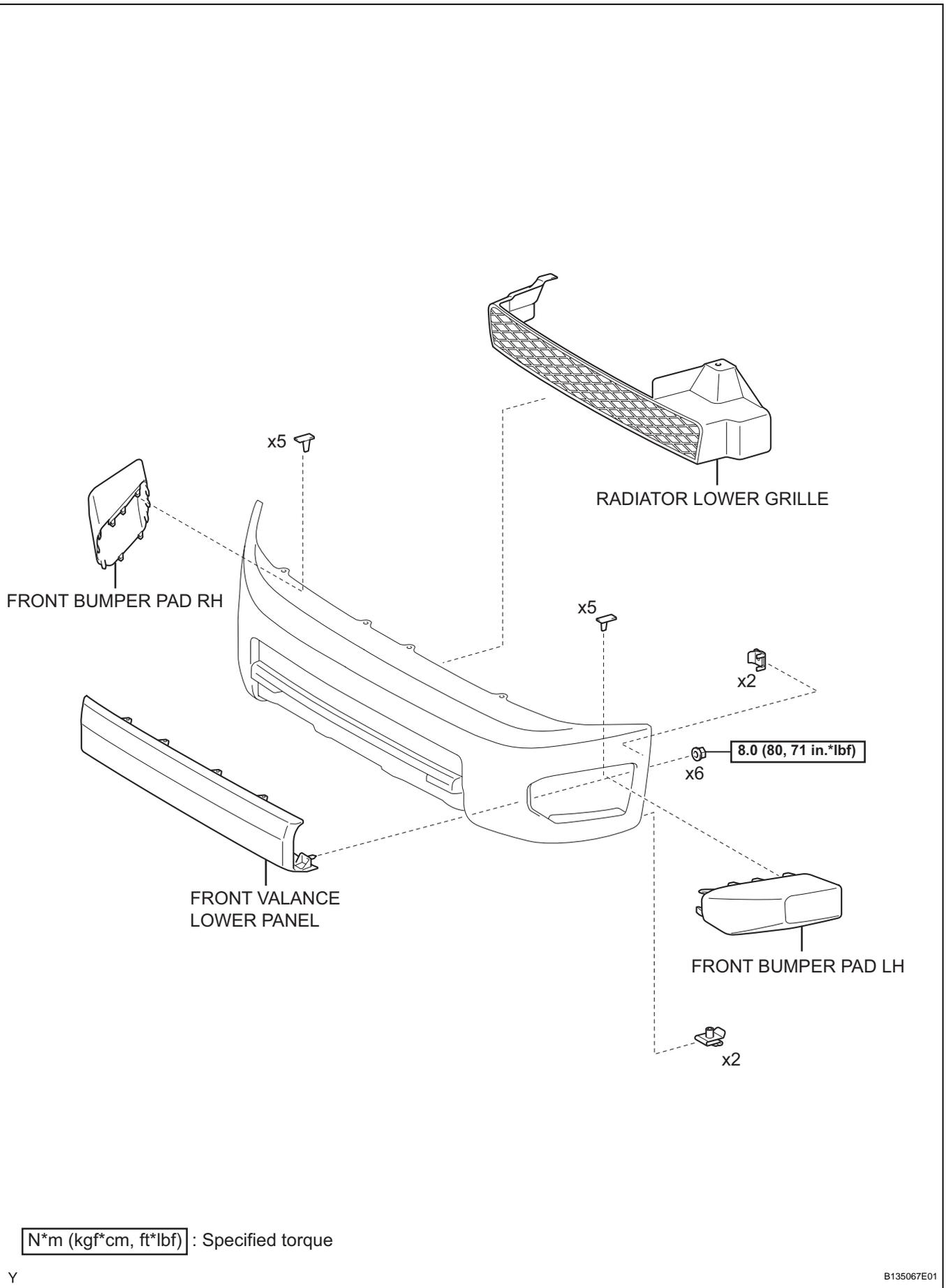
FRONT BUMPER COMPONENTS



ET



ET



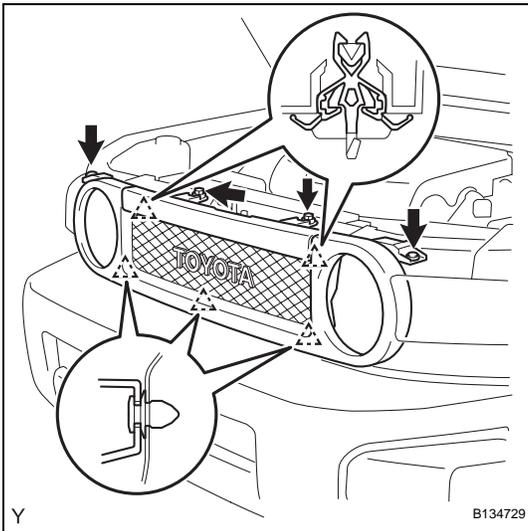
N*m (kgf*cm, ft*lbf) : Specified torque

ET

REMOVAL

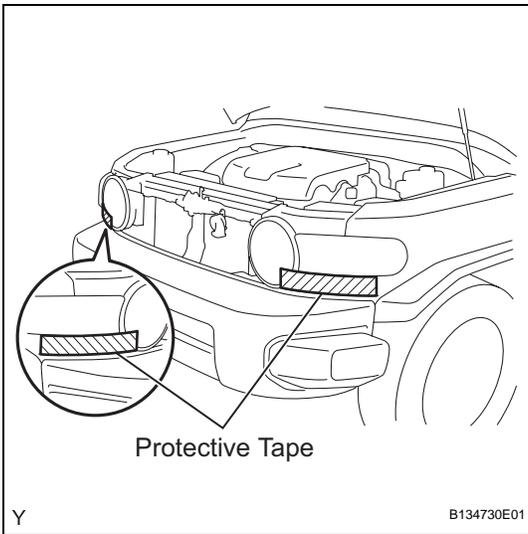
1. REMOVE RADIATOR GRILLE

- (a) Using a clip remover, remove the 2 clips.
- (b) Remove the 2 screws.
- (c) Disengage the 5 clips and remove the radiator grille.

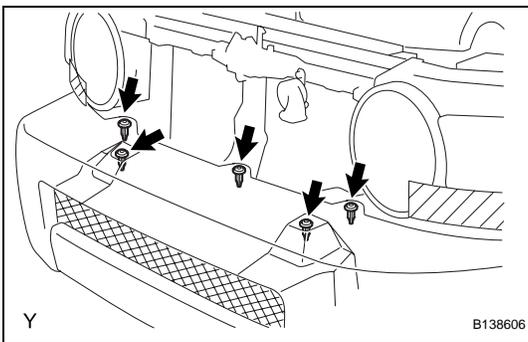


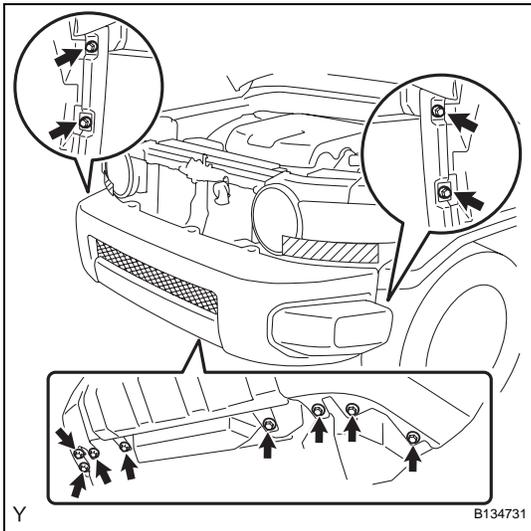
2. REMOVE FRONT BUMPER COVER

- (a) Apply protective tape as shown in the illustration.

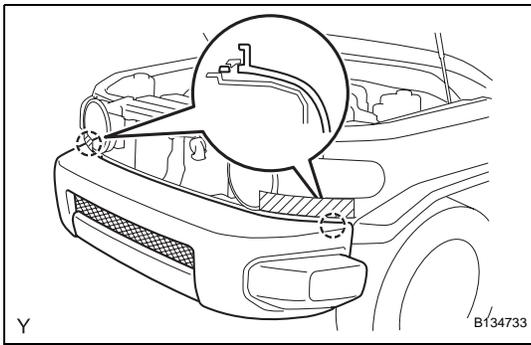


- (b) Using a clip remover, remove the 5 clips.

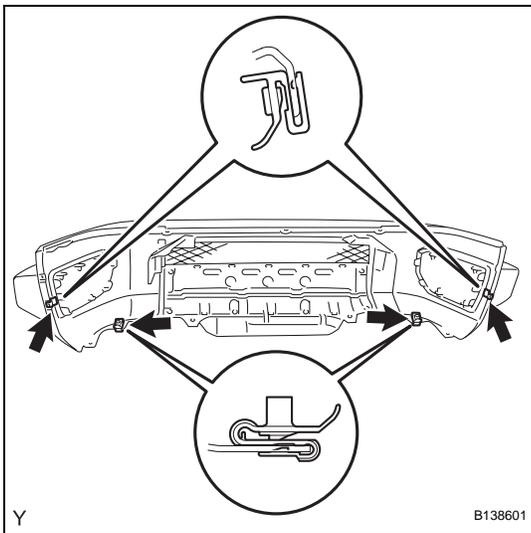




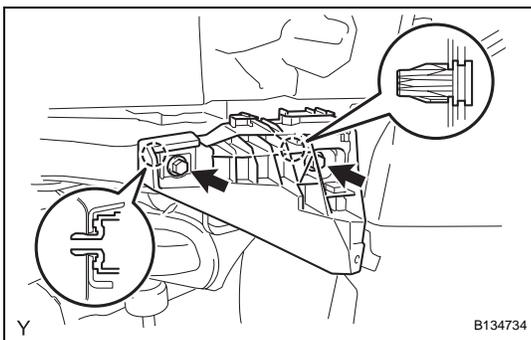
(c) Remove the 8 screws and the 4 bolts.



(d) Disengage the 2 claws and remove the front bumper cover.



(e) Remove the 4 clips.

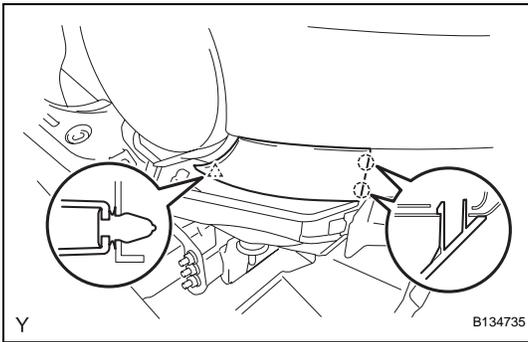


3. REMOVE FRONT BUMPER SIDE SUPPORT LH

- (a) Remove the 2 screws.
- (b) Disengage the 2 claws and remove the front bumper side support.

4. REMOVE FRONT BUMPER SIDE SUPPORT RH

HINT:
Use the same procedure as for the LH side.



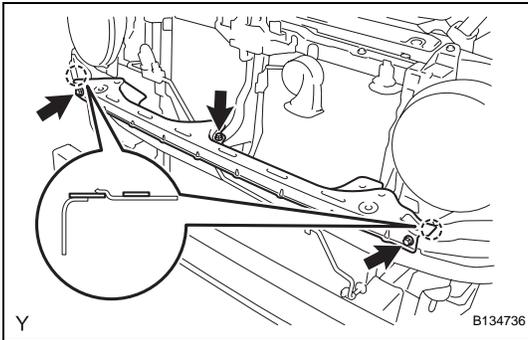
5. REMOVE FRONT BUMPER FILLER LH

- (a) Disengage the clip and the 2 claws and remove the front bumper filler.

6. REMOVE FRONT BUMPER FILLER RH

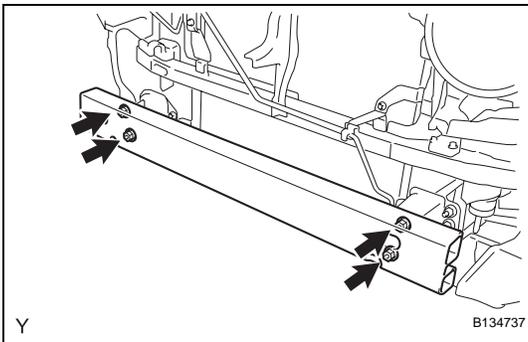
HINT:

Use the same procedure as for the LH side.



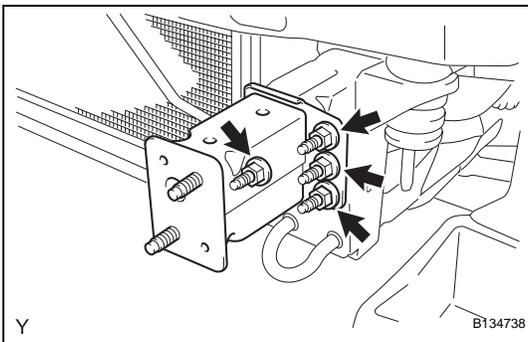
7. REMOVE FRONT BUMPER UPPER RETAINER

- (a) Remove the 3 bolts.
 (b) Disengage the 2 hooks and remove the front bumper upper retainer.



8. REMOVE FRONT BUMPER REINFORCEMENT

- (a) Remove the 4 nuts and the front bumper reinforcement.



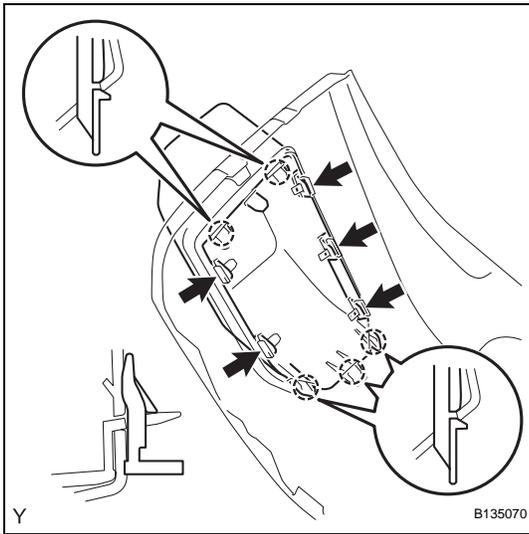
9. REMOVE FRONT BUMPER EXTENSION LH

- (a) Remove the 4 nuts and the front bumper extension.

10. REMOVE FRONT BUMPER EXTENSION RH

HINT:

Use the same procedure as for the LH side.

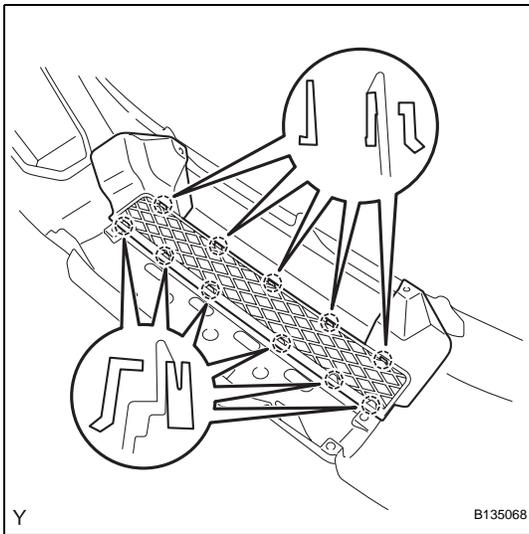
DISASSEMBLY**1. REMOVE FRONT BUMPER PAD LH**

- (a) Remove the 5 retainers and the front bumper pad.
- (b) Disengage the 5 claws and remove the front bumper pad.

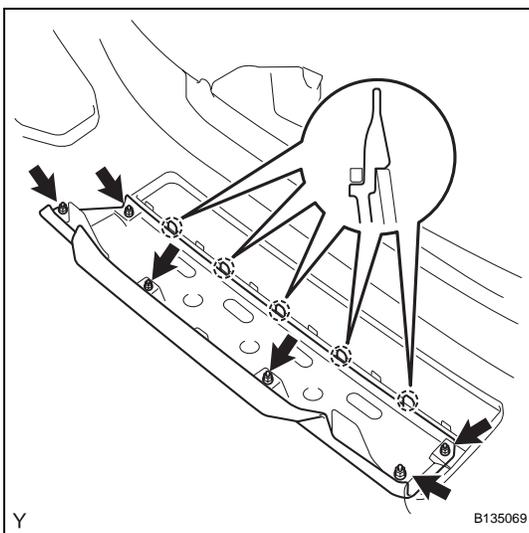
2. REMOVE FRONT BUMPER PAD RH

HINT:

Use the same procedure as for the LH side.

**3. REMOVE RADIATOR LOWER GRILLE**

- (a) Disengage the 11 claws and remove the radiator lower grille.

**4. REMOVE FRONT VALANCE LOWER PANEL**

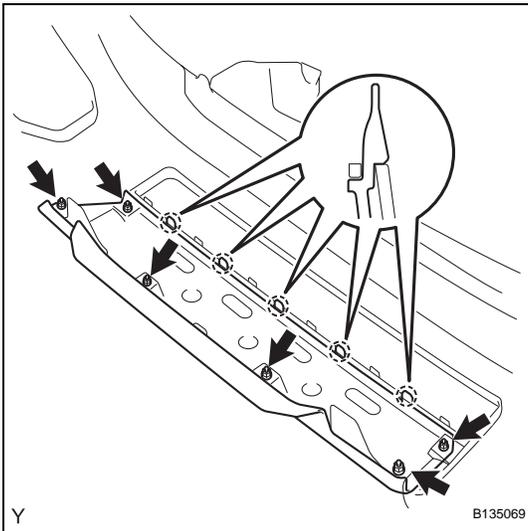
- (a) Remove the 6 nuts.
- (b) Disengage the 5 claws and remove the front valance lower panel.

REASSEMBLY

1. INSTALL FRONT VALANCE LOWER PANEL

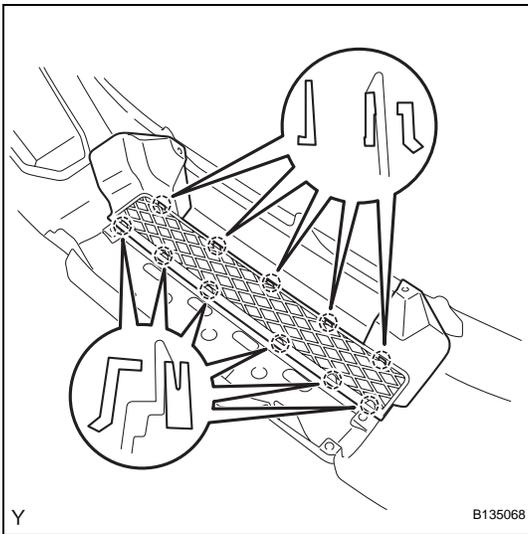
- (a) Engage the 5 claws and install the front bumper lower panel.
- (b) Tighten the 6 nuts.

Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf)



2. INSTALL RADIATOR LOWER GRILLE

- (a) Engage the 11 claws and install the radiator lower grille.



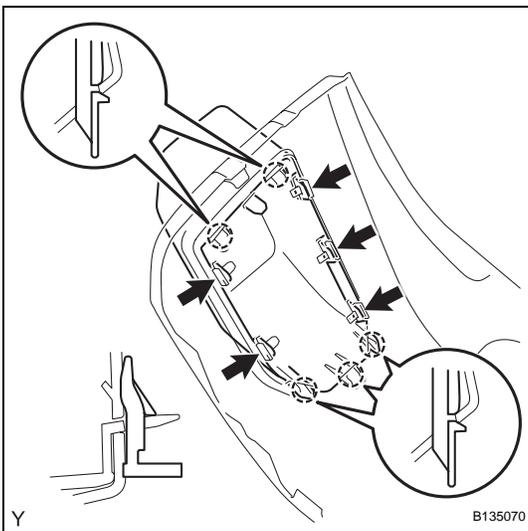
3. INSTALL FRONT BUMPER PAD LH

- (a) Engage the 5 claws and install the front bumper pad.
- (b) Install the 5 retainers.

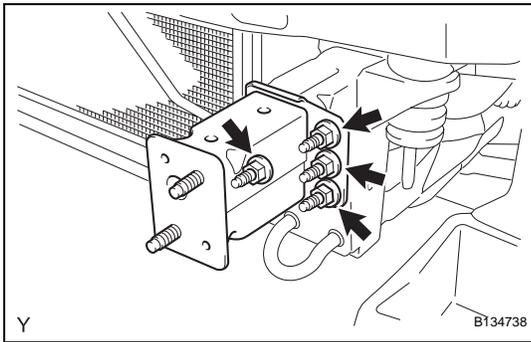
4. INSTALL FRONT BUMPER PAD RH

HINT:

Use the same procedure as for the LH side.

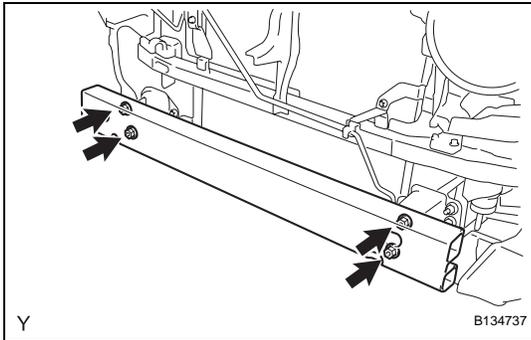


INSTALLATION

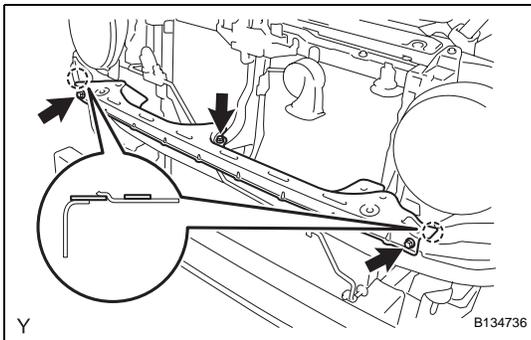


1. **INSTALL FRONT BUMPER EXTENSION LH**
 - (a) Install the front bumper extension with the 4 nuts.
Torque: 65 N*m (665 kgf*cm, 48 ft.*lbf)

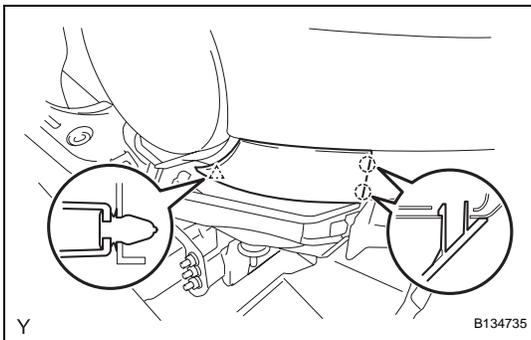
2. **INSTALL FRONT BUMPER EXTENSION RH**
HINT:
Use the same procedure as for the LH side.



3. **INSTALL FRONT BUMPER REINFORCEMENT**
 - (a) Install the front bumper reinforcement with the 4 nuts.
Torque: 65 N*m (665 kgf*cm, 48 ft.*lbf)

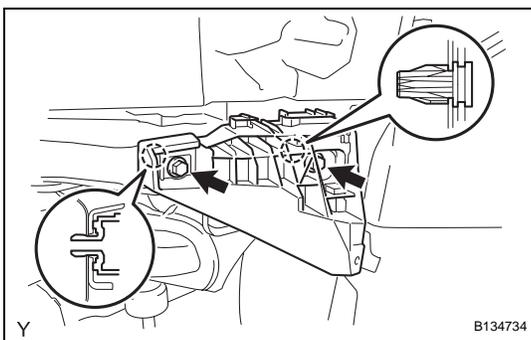


4. **INSTALL FRONT BUMPER UPPER RETAINER**
 - (a) Engage the 2 hooks and install the front bumper upper retainer.
 - (b) Tighten the 3 bolts.
Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf)



5. **INSTALL FRONT BUMPER FILLER LH**
 - (a) Engage the clip and the 2 claws and install the front bumper filler.

6. **INSTALL FRONT BUMPER FILLER RH**
HINT:
Use the same procedure as for the LH side.

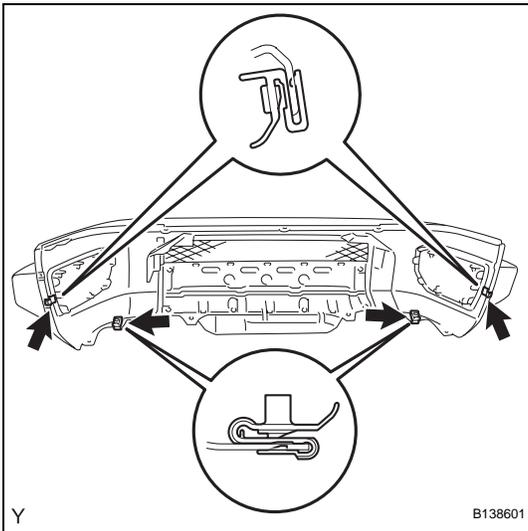


7. **INSTALL FRONT BUMPER SIDE SUPPORT LH**
 - (a) Engage the 2 claws and install the front bumper side support.
 - (b) Tighten the 2 screws.
Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf)

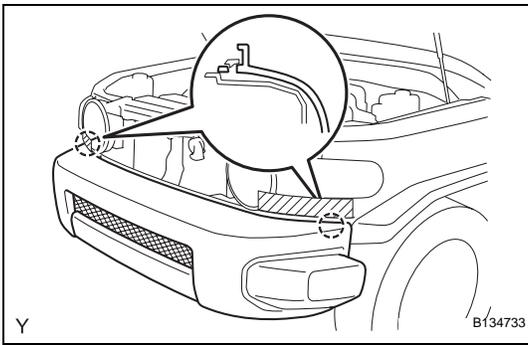
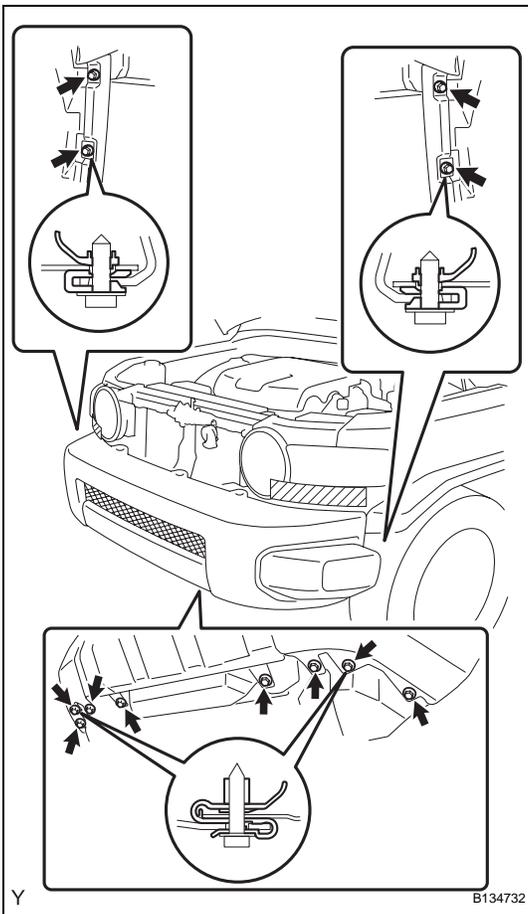
8. **INSTALL FRONT BUMPER SIDE SUPPORT RH**
HINT:
Use the same procedure as for the LH side.

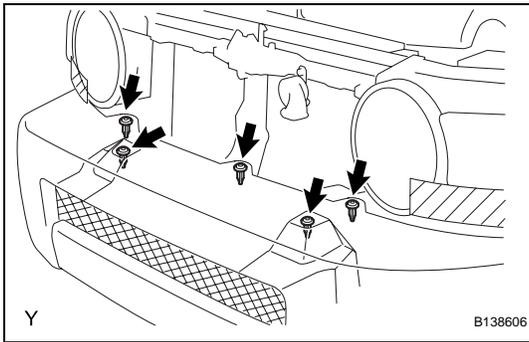
9. INSTALL FRONT BUMPER COVER

(a) Install the 4 clips.

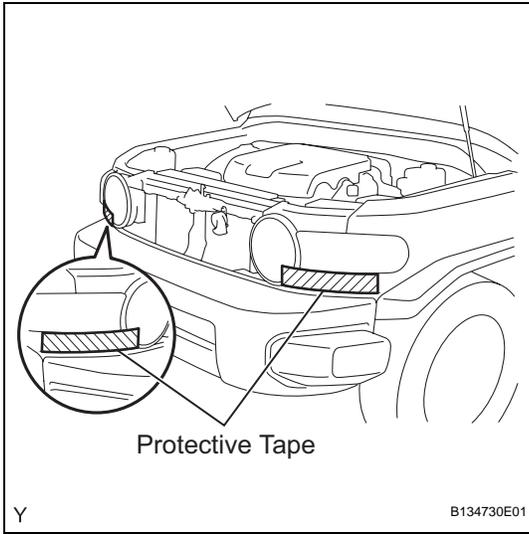


(b) Engage the 2 claws and install the front bumper cover.

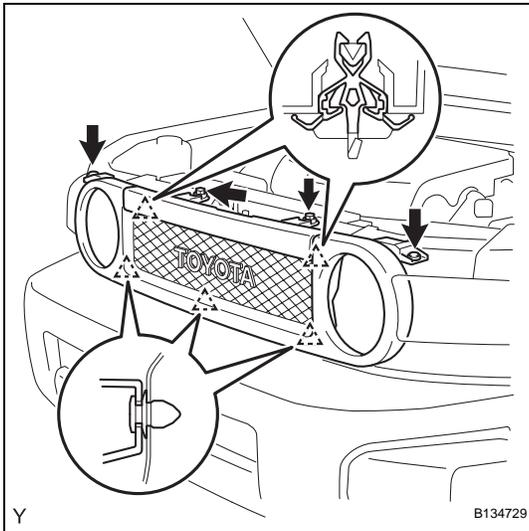
(c) Tighten the 8 screws and the 4 bolts.
Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf) for screw
8.0 N*m (80 kgf*cm, 71 in.*lbf) for bolt



(d) Install the 5 clips.



(e) Remove the protective tape.

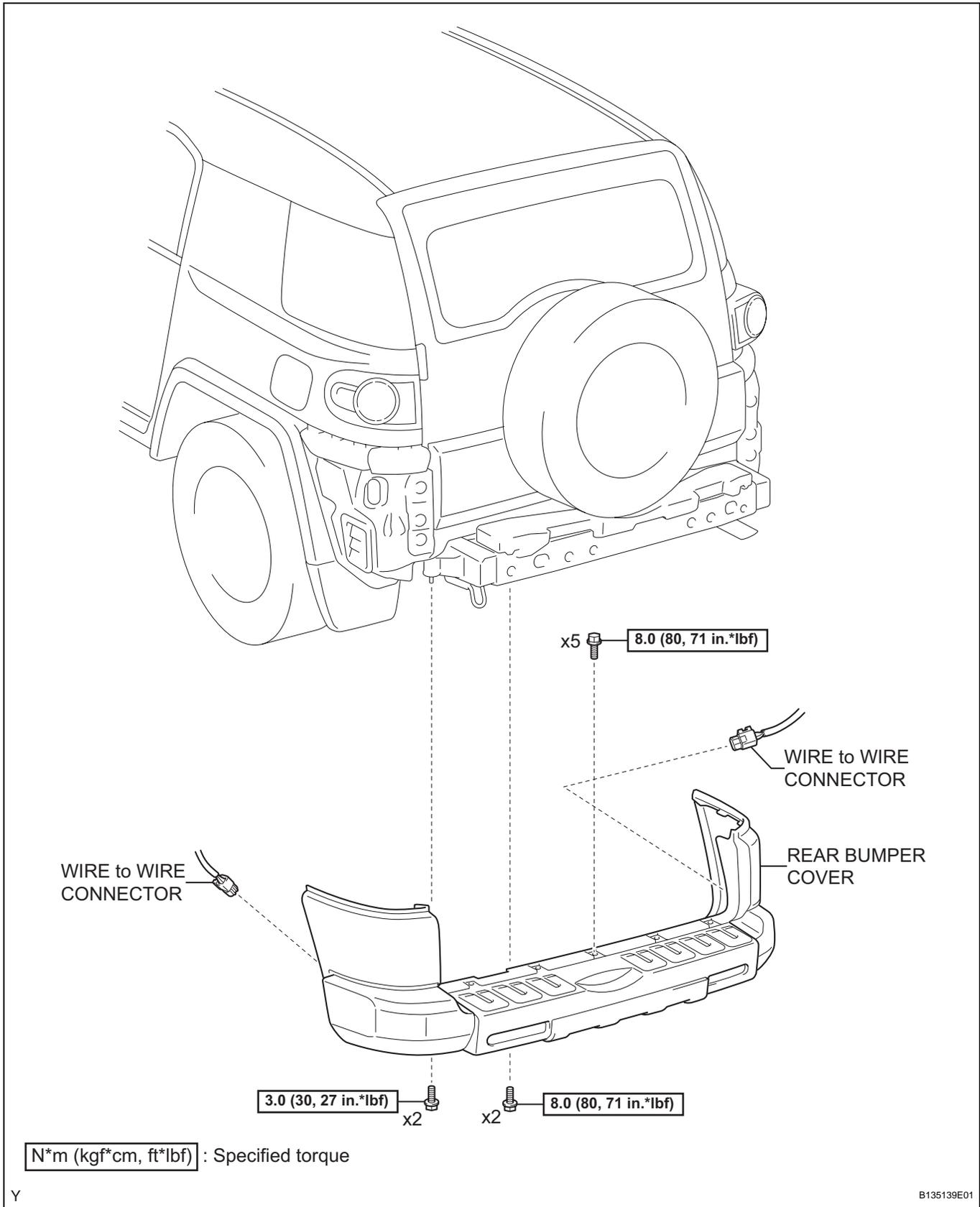


10. INSTALL RADIATOR GRILLE

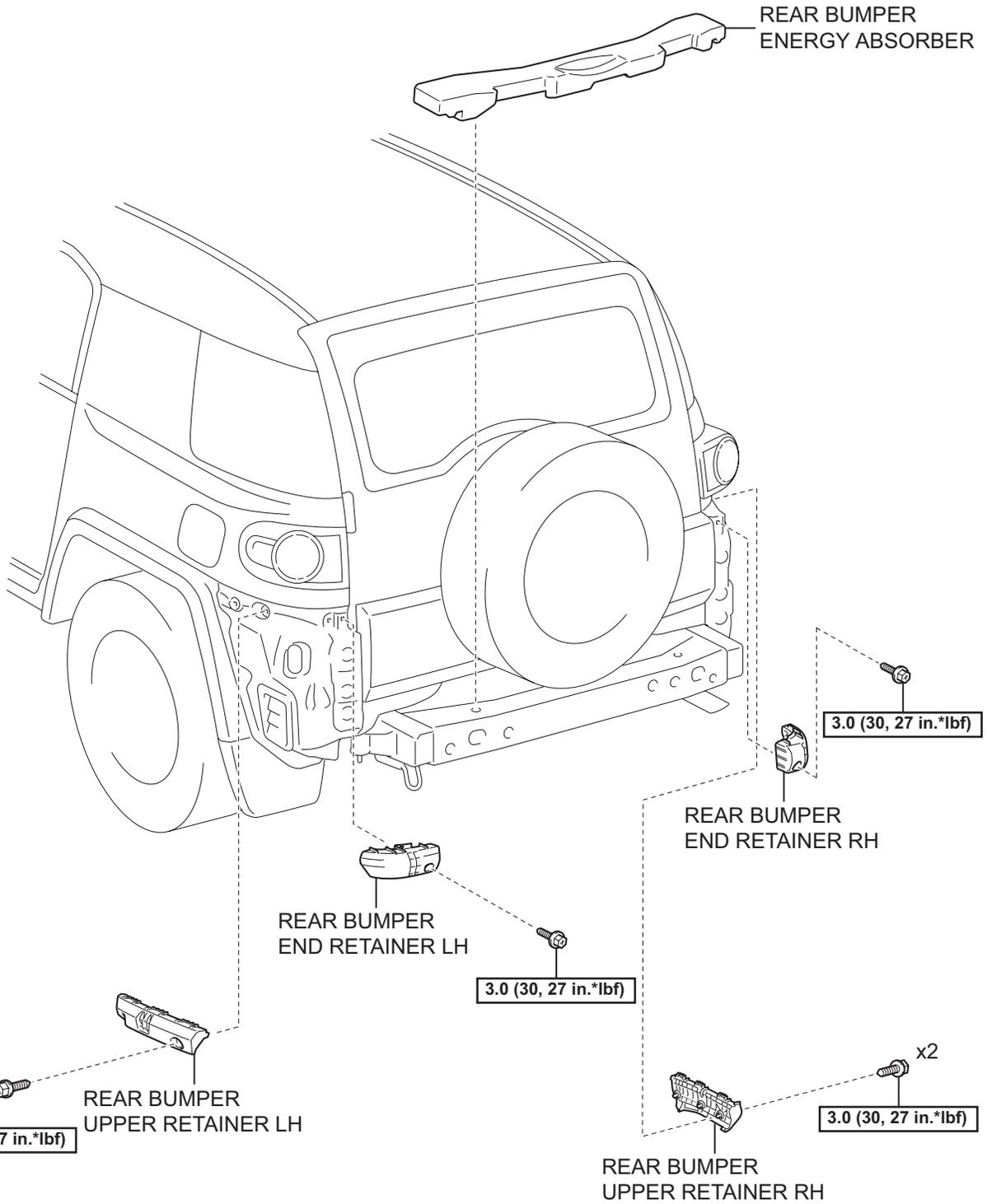
- (a) Engage the 5 clips and install the radiator grille.
- (b) Tighten the 2 screws.
Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf)
- (c) Install the 2 clips.

REAR BUMPER

COMPONENTS

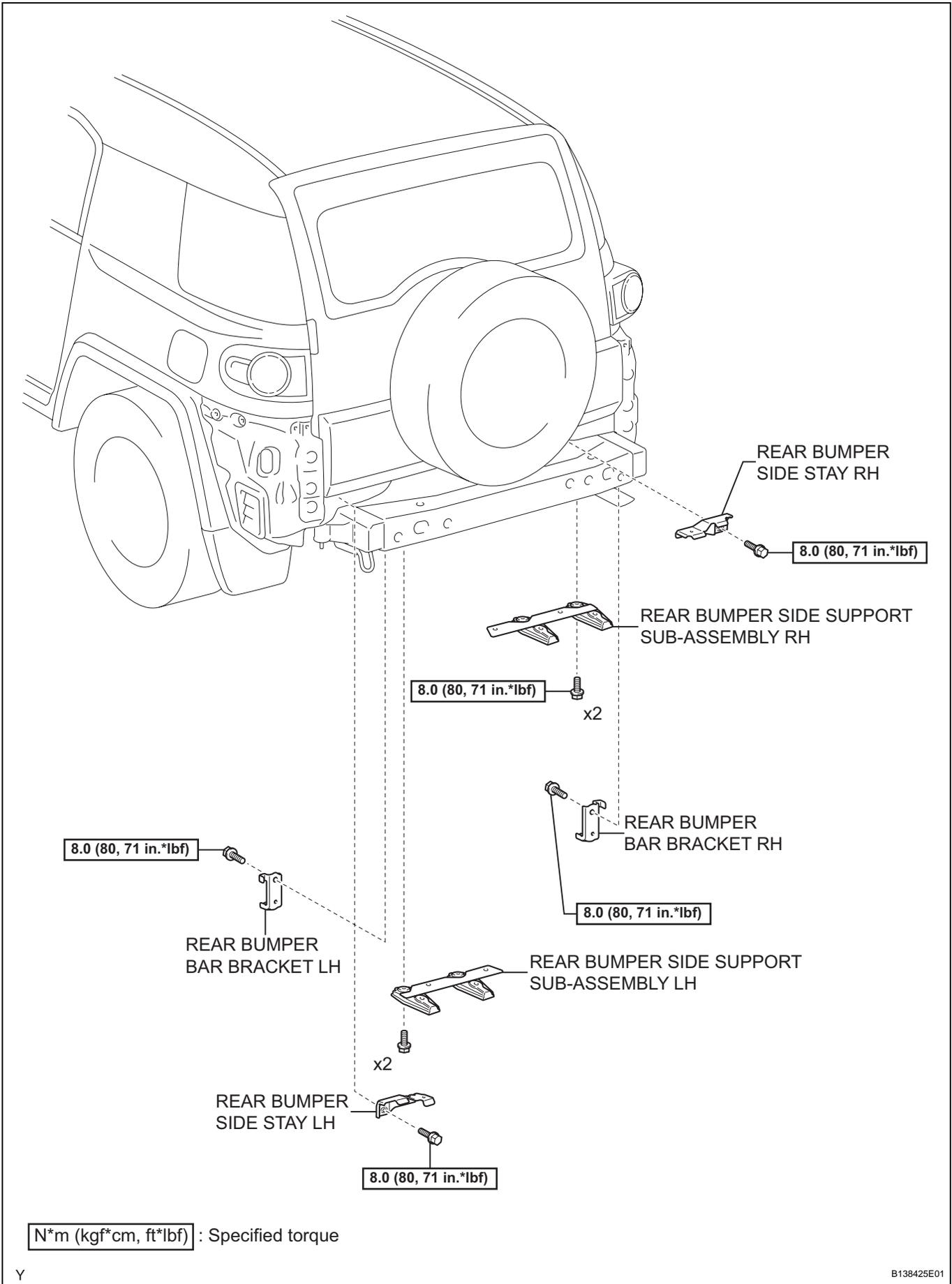


ET



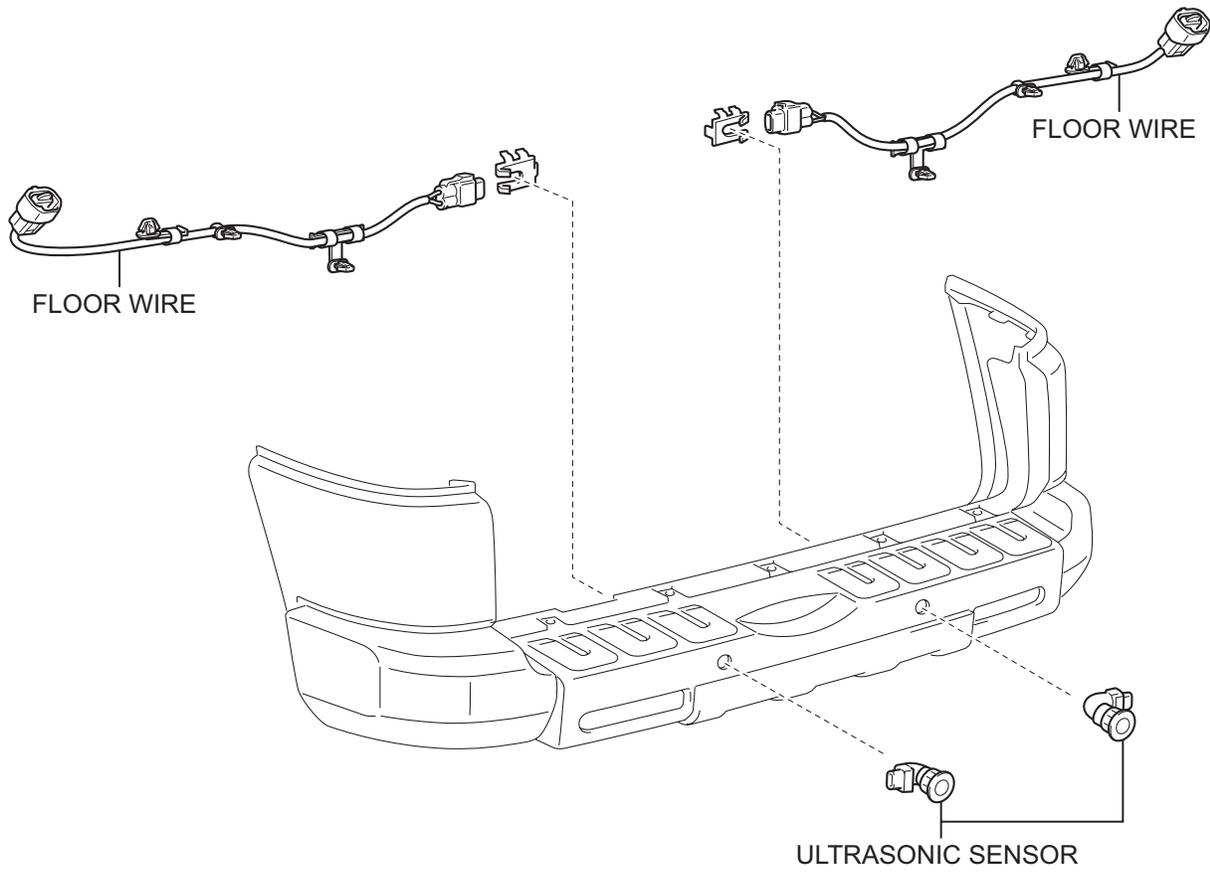
N*m (kgf*cm, ft*lbf) : Specified torque

ET

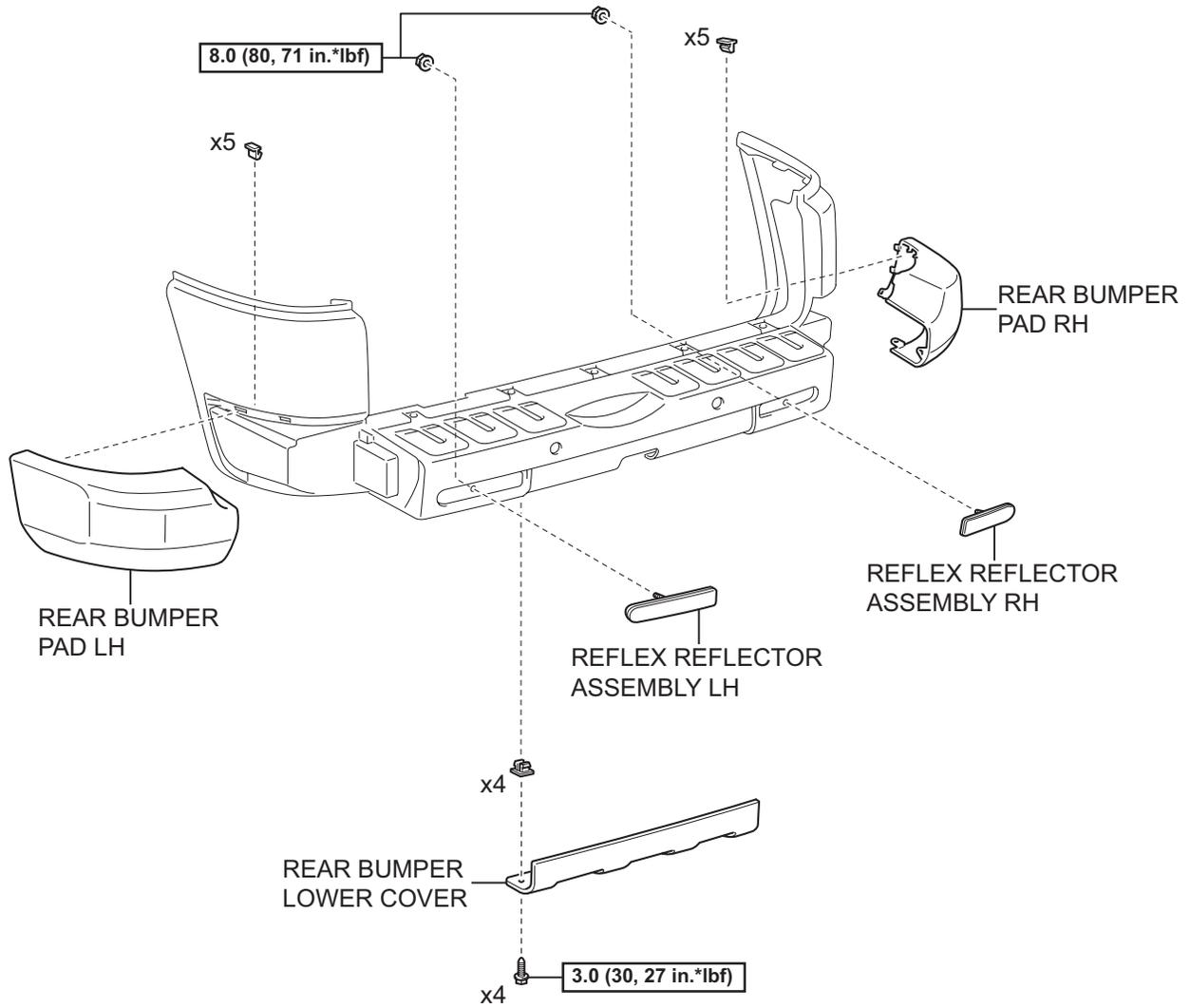


ET

w/ Back Sonar:



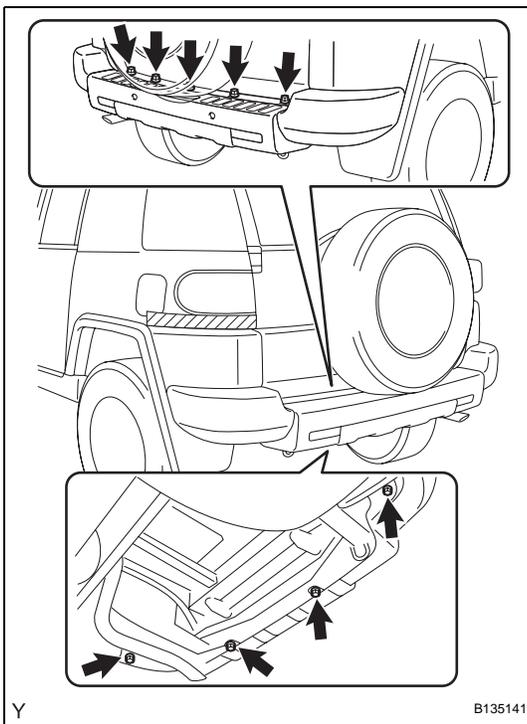
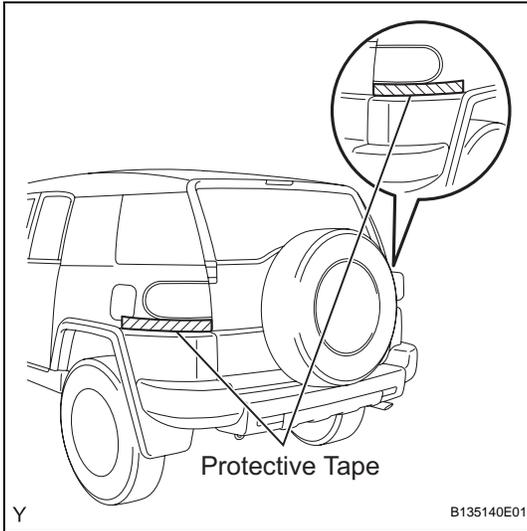
ET



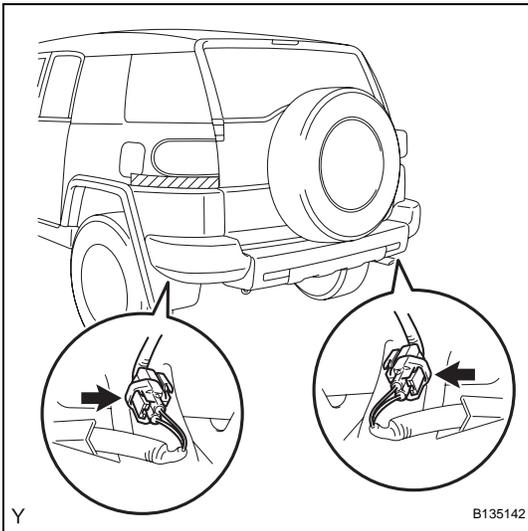
N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

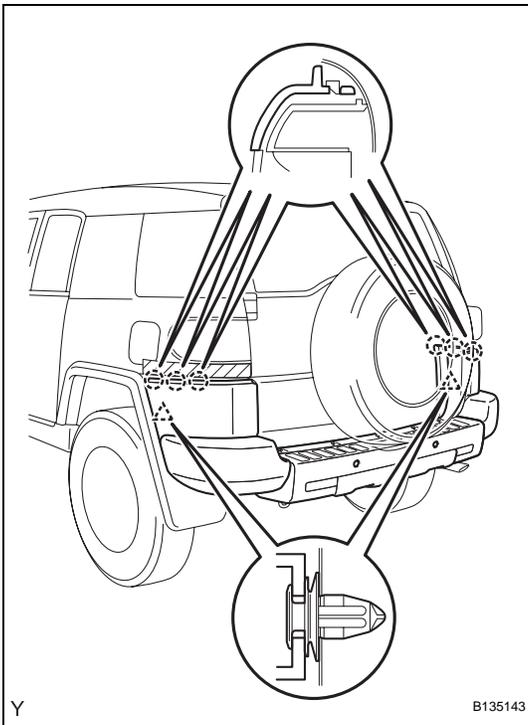
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE REAR BUMPER COVER**
 - (a) Apply protective tape as shown in the illustration.



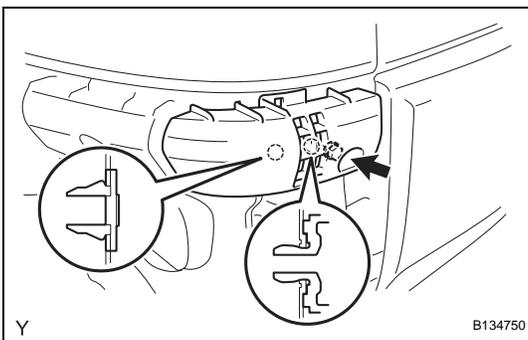
- (b) Remove the 7 bolts and the 2 screws.



- (c) w/ Back Sonar:
 (1) Disconnect the 2 wire to wire connectors.



- (d) Disengage the 6 claws and the 2 clips and remove the rear bumper cover.

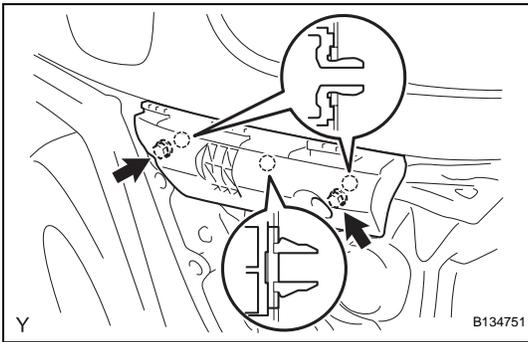


3. REMOVE REAR BUMPER END RETAINER LH

- (a) Remove the screw.
 (b) Disengage the 2 claws and remove the rear bumper end retainer.

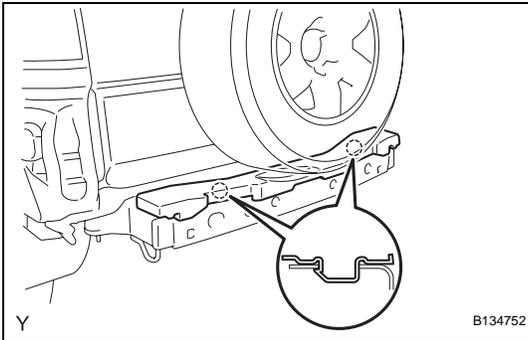
4. REMOVE REAR BUMPER END RETAINER RH

- HINT:
 Use the same procedure as for the LH side.

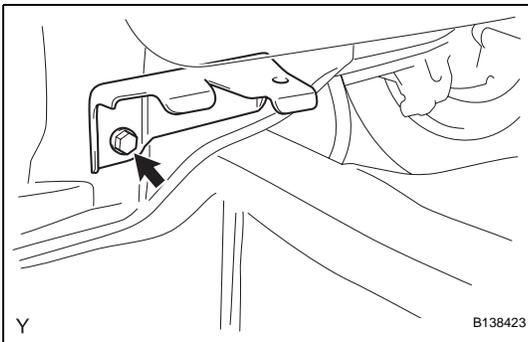


- 5. REMOVE REAR BUMPER UPPER RETAINER LH**
 (a) Remove the 2 screws.
 (b) Disengage the 3 claws and remove the rear bumper upper retainer.

- 6. REMOVE REAR BUMPER UPPER RETAINER RH**
HINT:
 Use the same procedure as for the LH side.

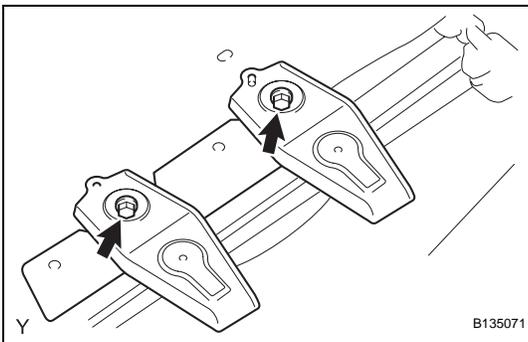


- 7. REMOVE REAR BUMPER ENERGY ABSORBER**
 (a) Disengage the 2 claws and remove the rear bumper energy absorber.



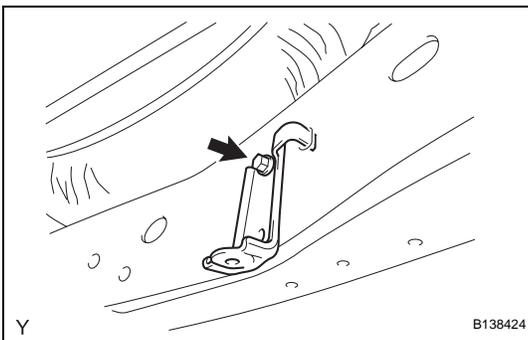
- 8. REMOVE REAR BUMPER SIDE STAY LH**
 (a) Remove the bolt and the rear bumper side stay.

- 9. REMOVE REAR BUMPER SIDE STAY RH**
HINT:
 Use the same procedure as for the LH side.



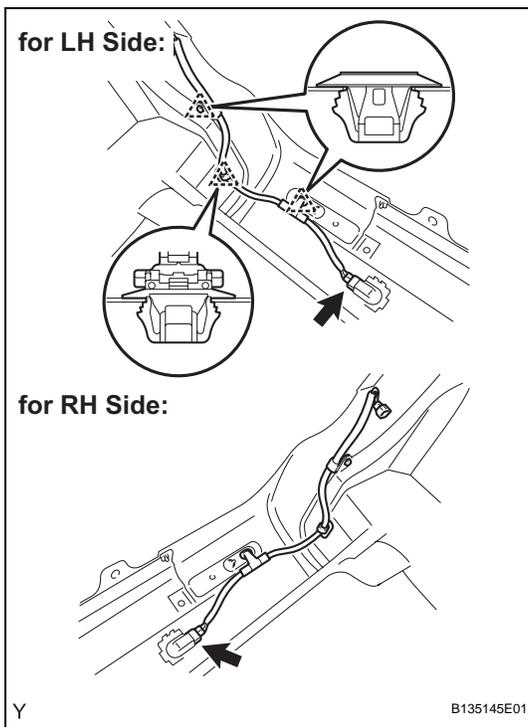
- 10. REMOVE REAR BUMPER SIDE SUPPORT SUB-ASSEMBLY LH**
 (a) Remove the 2 bolts and the rear bumper side support.

- 11. REMOVE REAR BUMPER SIDE SUPPORT SUB-ASSEMBLY RH**
HINT:
 Use the same procedure as for the LH side.



- 12. REMOVE REAR BUMPER BAR BRACKET LH**
 (a) Remove the bolt and the rear bumper bar bracket.

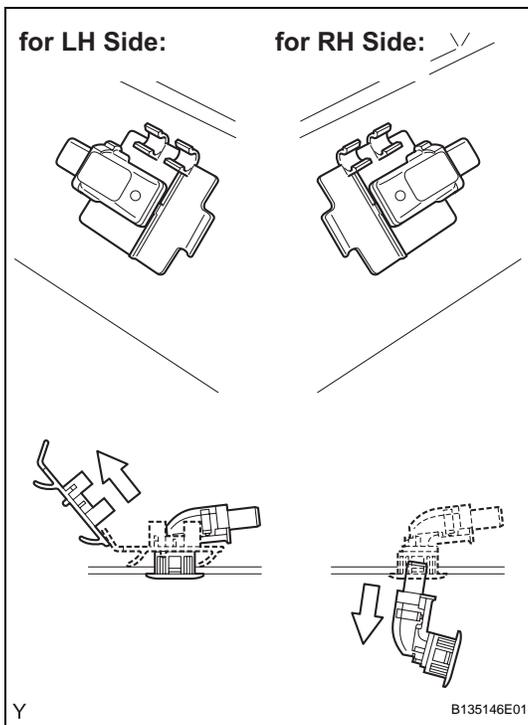
- 13. REMOVE REAR BUMPER BAR BRACKET RH**
HINT:
 Use the same procedure as for the LH side.

DISASSEMBLY**1. REMOVE FLOOR WIRE (w/ Back Sonar)**

HINT:

Use the same procedure for both sides.

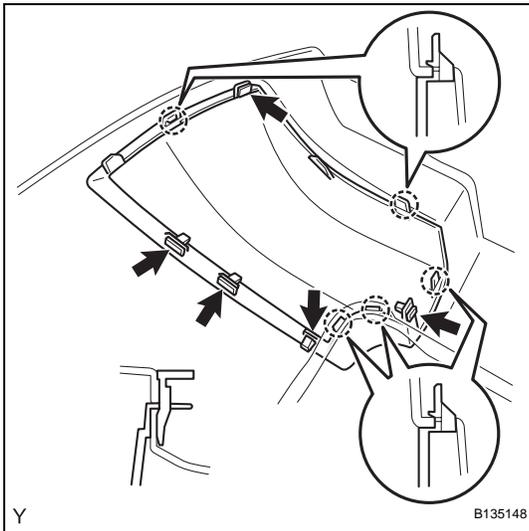
- (a) Using a clip remover, remove the 3 clamps.
- (b) Disconnect the ultrasonic sensor connector and remove the floor wire.

**2. REMOVE ULTRASONIC SENSOR (w/ Back Sonar)**

HINT:

Use the same procedure for both sides.

- (a) Remove the retainer and the ultrasonic sensor as shown in the illustration.

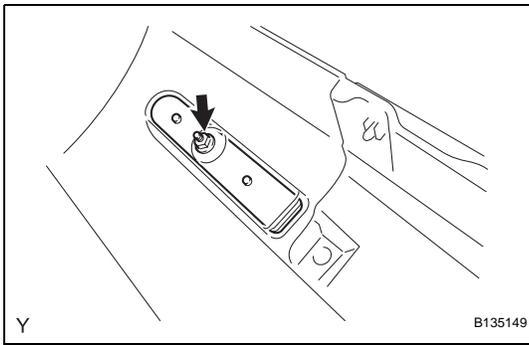
**3. REMOVE REAR BUMPER PAD LH**

- (a) Remove the 5 retainers.
- (b) Disengage the 5 claws and remove the rear bumper pad.

4. REMOVE REAR BUMPER PAD RH

HINT:

Use the same procedure as for the LH side.

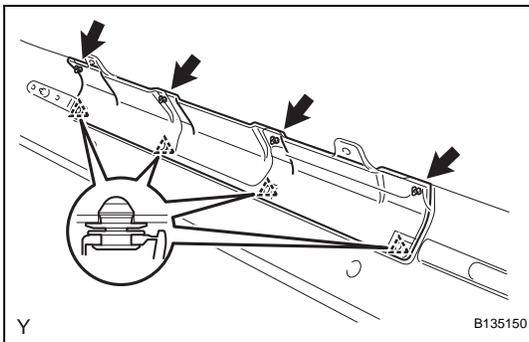
**5. REMOVE REFLEX REFLECTOR ASSEMBLY LH**

- (a) Remove the nut and the reflex reflector.

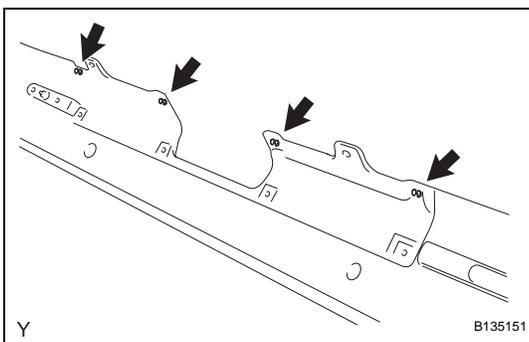
6. REMOVE REFLEX REFLECTOR ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.

**7. REMOVE REAR BUMPER LOWER COVER**

- (a) Remove the 4 screws.
- (b) Disengage the 4 clips and remove the rear bumper lower cover.

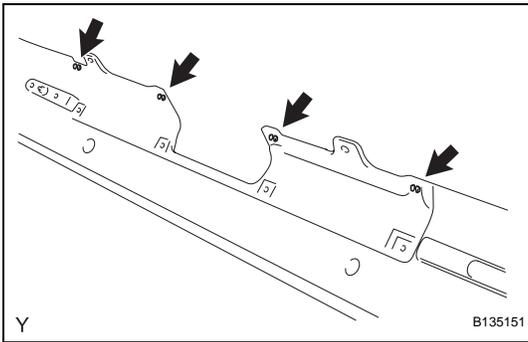


- (c) Remove the 4 screw grommets.

REASSEMBLY

1. INSTALL REAR BUMPER LOWER COVER

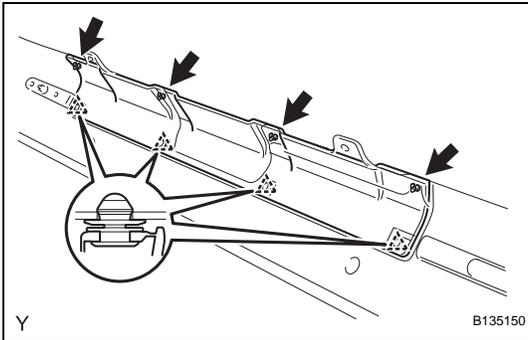
(a) Install the 4 screw grommets.



(b) Engage the 4 clips and install the rear bumper lower cover.

(c) Tighten the 4 screws.

Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf)



2. INSTALL REFLEX REFLECTOR ASSEMBLY LH

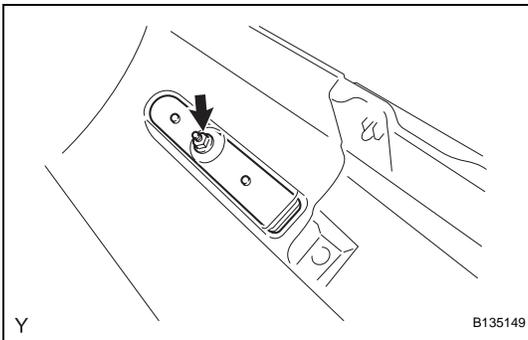
(a) Install the reflex reflector with the nut.

Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf)

3. INSTALL REFLEX REFLECTOR ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.



4. INSTALL REAR BUMPER PAD LH

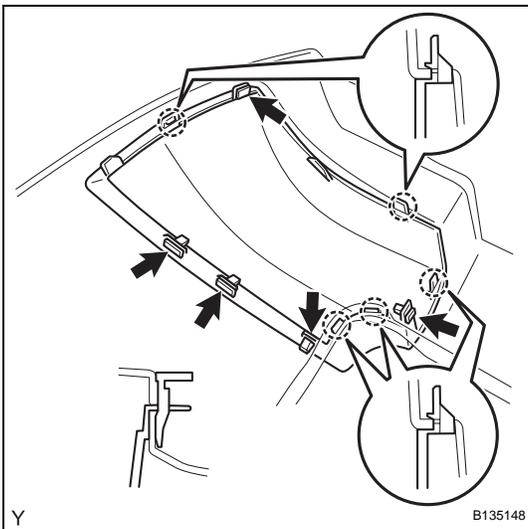
(a) Engage the 5 claws and install the rear bumper pad.

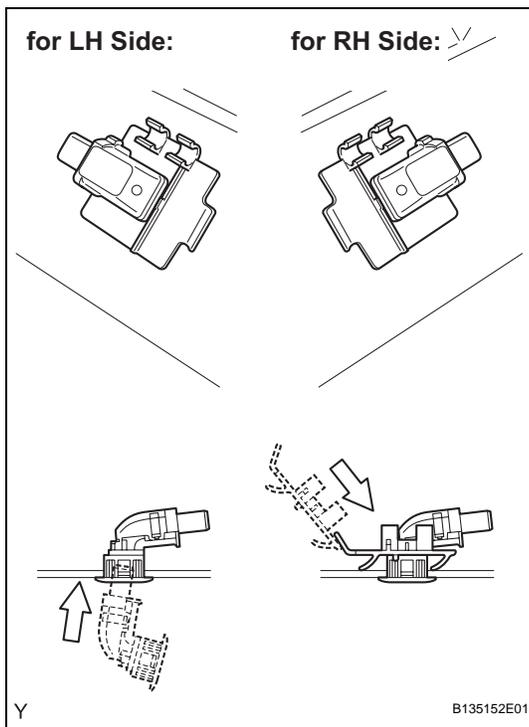
(b) Install the 5 retainers.

5. INSTALL REAR BUMPER PAD RH

HINT:

Use the same procedure as for the LH side.



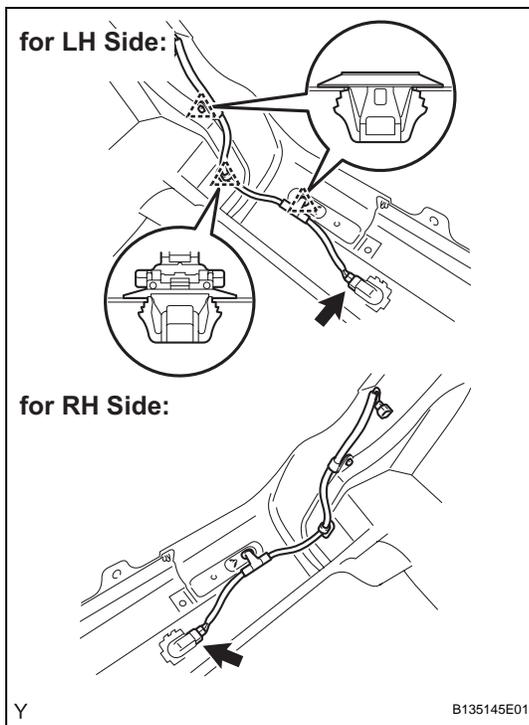


6. INSTALL ULTRASONIC SENSOR (w/ Back Sonar)

HINT:

Use the same procedure for both sides.

- (a) Install the ultrasonic sensor with the retainer as shown in the illustration.

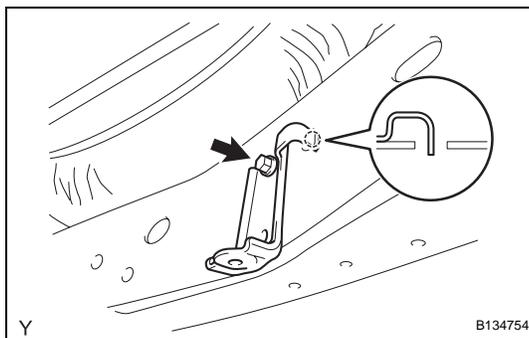


7. INSTALL FLOOR WIRE (w/ Back Sonar)

HINT:

Use same procedure for both sides.

- (a) Connect the ultrasonic sensor connector.
- (b) Install the floor wire with the 3 clamps.



INSTALLATION

1. INSTALL REAR BUMPER BAR BRACKET LH

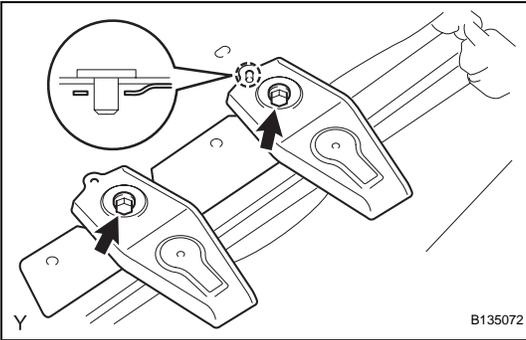
- (a) Insert the hook into the body hole and install the rear bumper bar bracket with the bolt.

Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf)

2. INSTALL REAR BUMPER BAR BRACKET RH

HINT:

Use the same procedure as for the LH side.



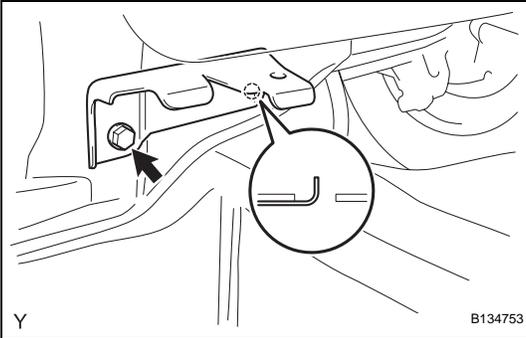
3. INSTALL REAR BUMPER SIDE SUPPORT SUB-ASSEMBLY LH

- (a) Align the locating pin with the hole and install the rear bumper side support with the 2 bolts.
Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf)

4. INSTALL REAR BUMPER SIDE SUPPORT SUB-ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.



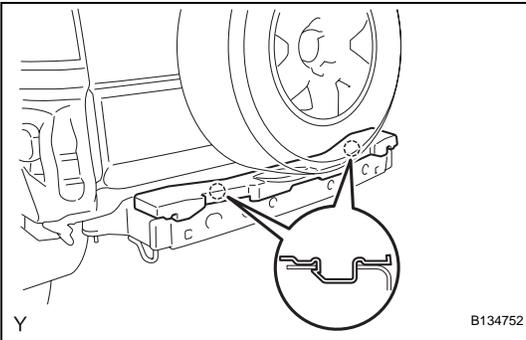
5. INSTALL REAR BUMPER SIDE STAY LH

- (a) Insert the hook into the body hole and install the rear bumper side stay with the bolt.
Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf)

6. INSTALL REAR BUMPER SIDE STAY RH

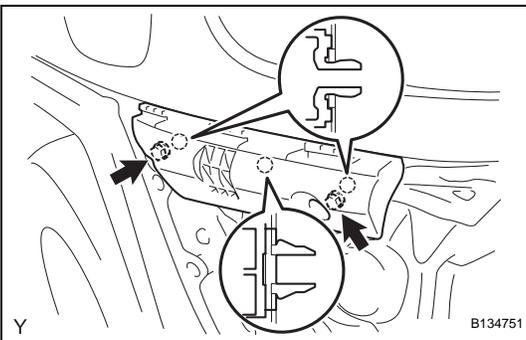
HINT:

Use the same procedure as for the LH side.



7. INSTALL REAR BUMPER ENERGY ABSORBER

- (a) Engage the 2 claws and install the rear bumper energy absorber.



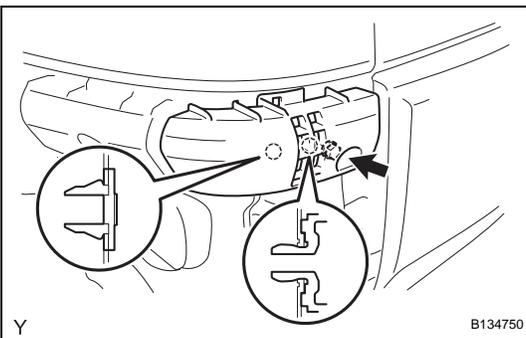
8. INSTALL REAR BUMPER UPPER RETAINER LH

- (a) Engage the 3 claws and install the rear bumper upper retainer.
 (b) Tighten the 2 screws.
Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf)

9. INSTALL REAR BUMPER UPPER RETAINER RH

HINT:

Use the same procedure as for the LH side.



10. INSTALL REAR BUMPER END RETAINER LH

- (a) Engage the 2 claws and install the rear bumper end retainer.
 (b) Tighten the screw.
Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf)

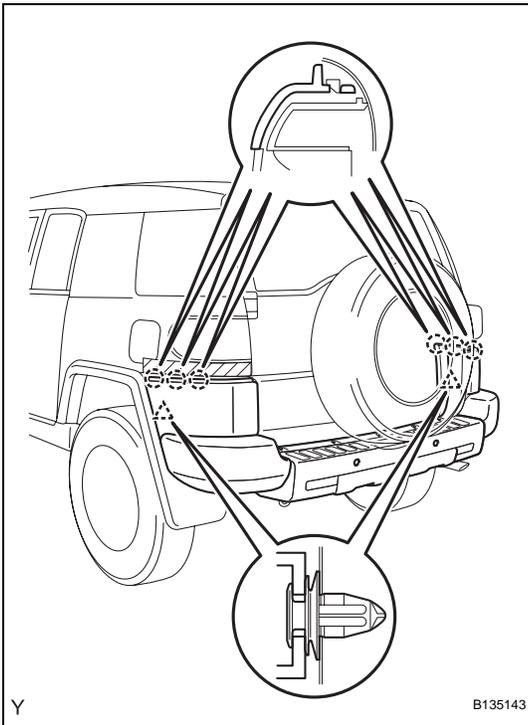
11. INSTALL REAR BUMPER END RETAINER RH

HINT:

Use the same procedure as for the LH side.

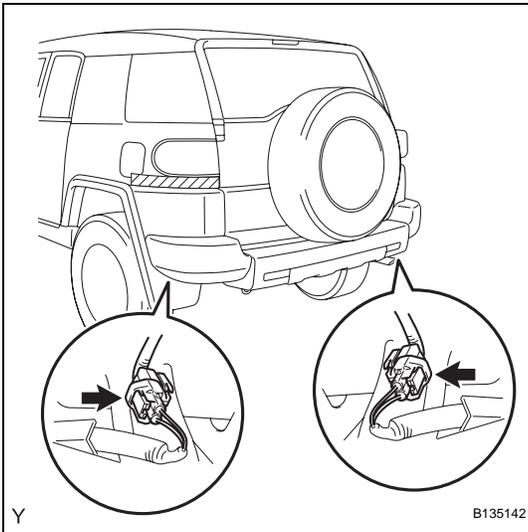
12. INSTALL REAR BUMPER COVER

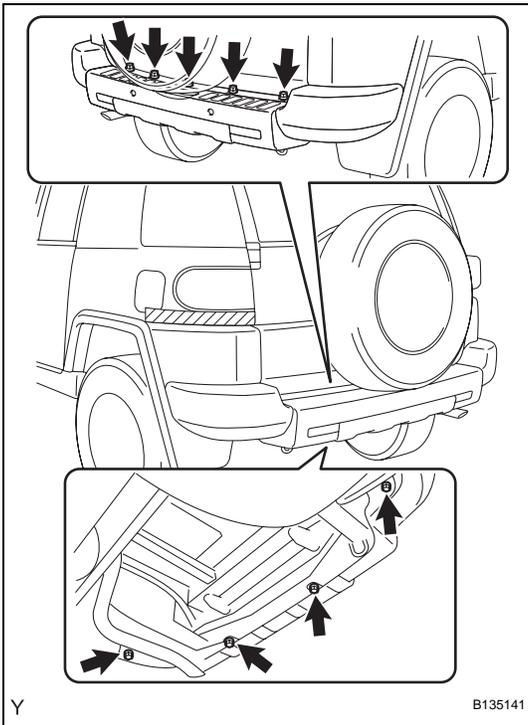
- (a) Engage the 6 claws and the 2 clips and install the rear bumper cover.



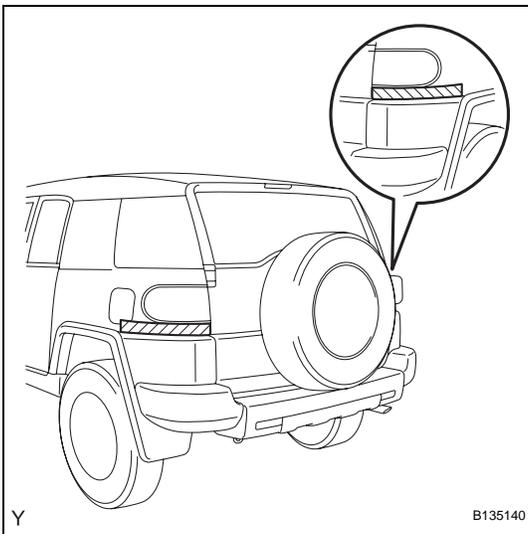
- (b) w/ Back Sonar:

- (1) Connect the 2 wire to wire connectors.





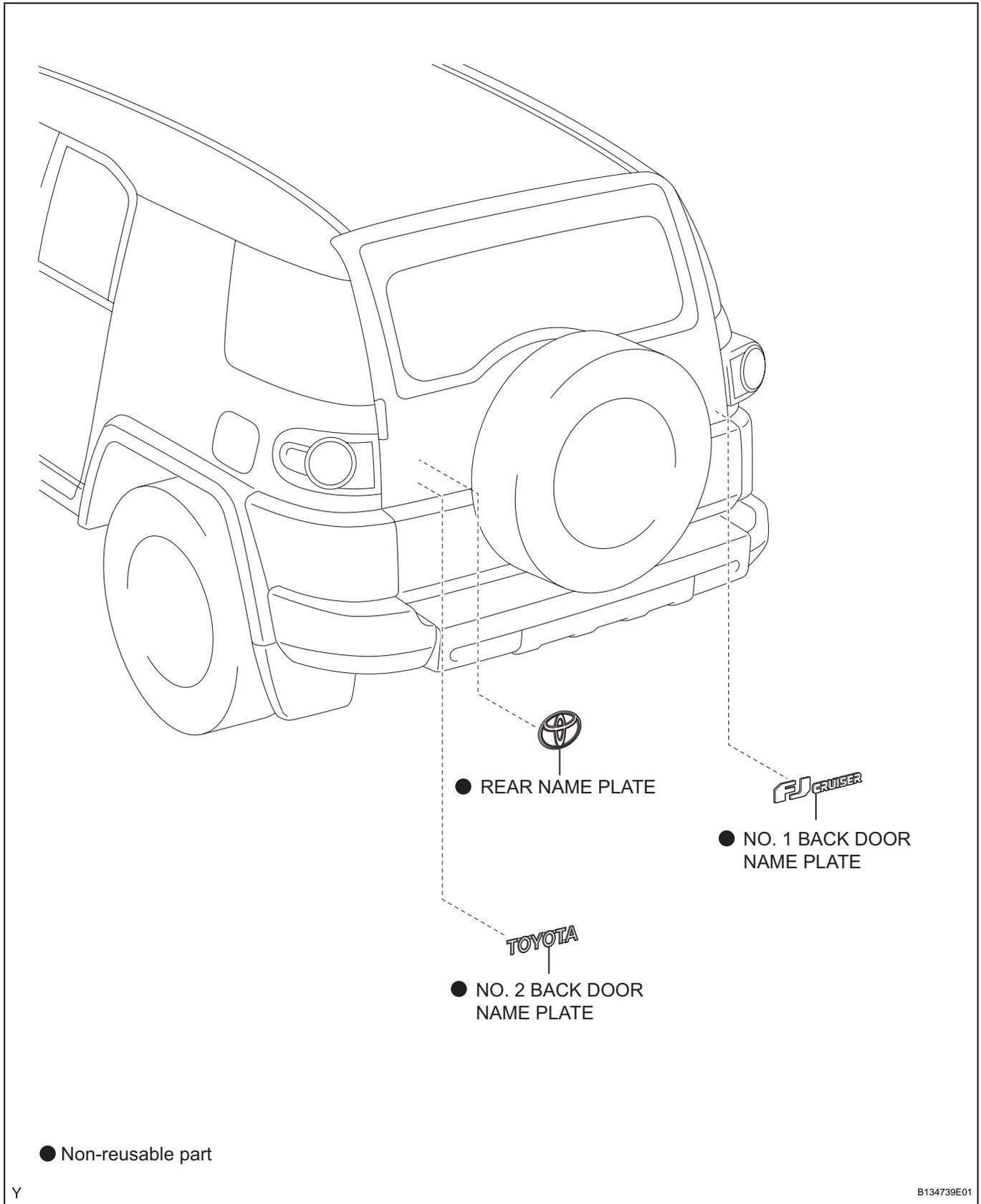
- (c) Tighten the 7 bolts and the 2 screws.
Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf) for bolt
3.0 N*m (30 kgf*cm, 27 in.*lbf) for screw



- (d) Remove the protective tape.

- 13. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

NAME PLATE COMPONENTS



ET

REMOVAL

1. REMOVE NO. 1 BACK DOOR NAME PLATE

- Apply protective tape to the back door panel in the area around the No. 1 back door name plate.
- Using an infrared light, heat the No. 1 back door name plate.

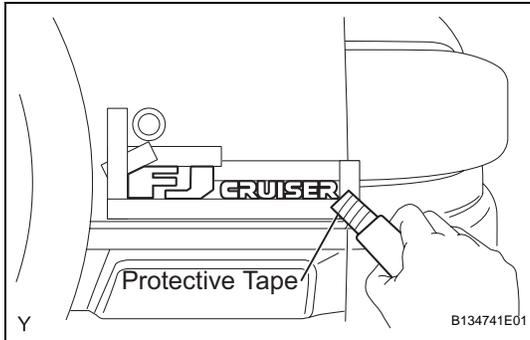
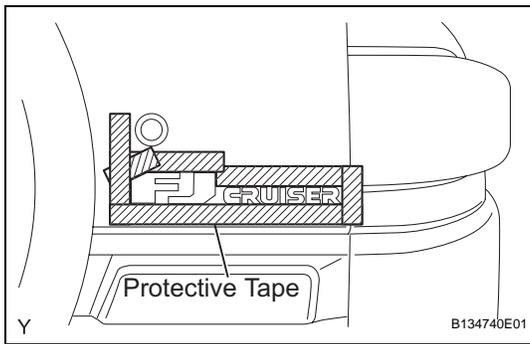
CAUTION:

Do not burn yourself with the heated back door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 1 to 2 minutes.

- Using a gasket scraper with its tip wrapped in protective tape, gradually peel the adhesive surface and remove the No. 1 back door name plate.
- Remove the protective tape.



2. REMOVE NO. 2 BACK DOOR NAME PLATE

- Apply protective tape to the back door panel in the area around the No. 2 back door name plate.
- Using an infrared light, heat the No. 2 back door name plate.

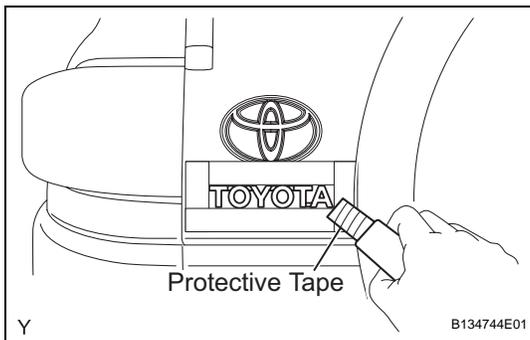
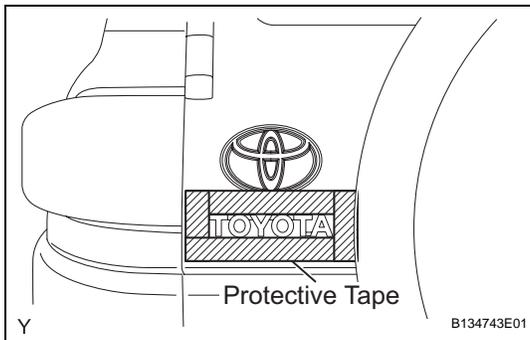
CAUTION:

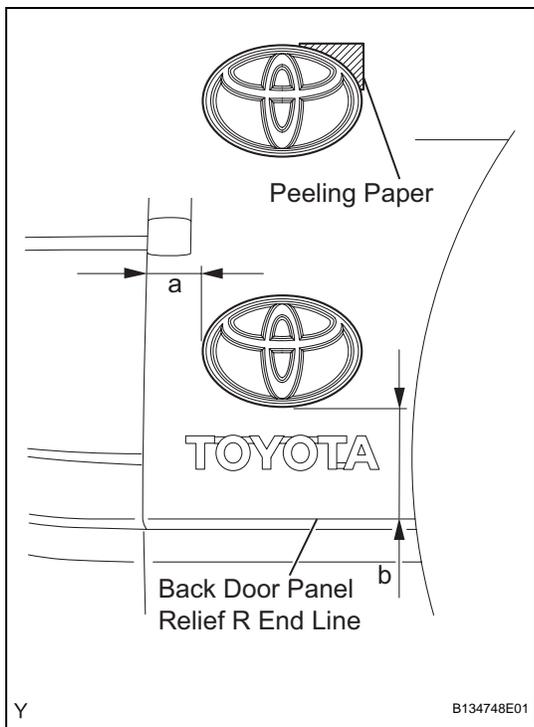
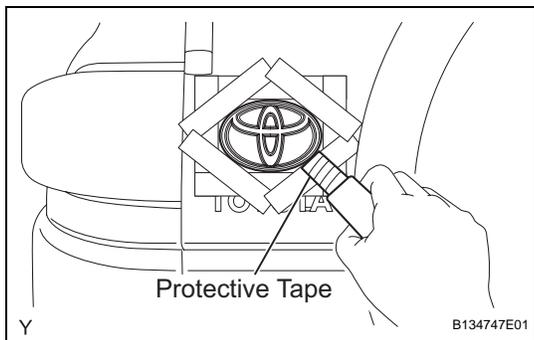
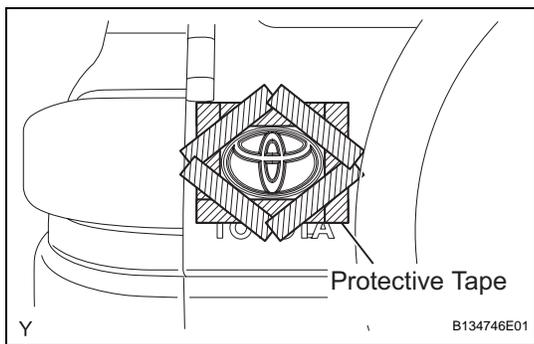
Do not burn yourself with the heated back door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 1 to 2 minutes.

- Using a gasket scraper with its tip wrapped in protective tape, gradually peel the adhesive surface and remove the No. 2 back door name plate.
- Remove the protective tape.





3. REMOVE REAR NAME PLATE

- (a) Apply protective tape to the back door panel in the area around the rear name plate.
- (b) Using an infrared light, heat the rear name plate.
CAUTION:
Do not burn yourself with the heated back door panel or infrared light.
HINT:
Heat at 40 to 60°C (104 to 140°F) for 1 to 2 minutes.
- (c) Using a gasket scraper with its tip wrapped in protective tape, gradually peel the adhesive surface and remove the rear name plate.
- (d) Remove the protective tape.

INSTALLATION

1. INSTALL REAR NAME PLATE

- (a) Clean the attachment surface.
 - (1) Using an infrared light, heat the double-sided adhesive tape remaining on the back door panel.
HINT:
Heat at 40 to 60°C (104 to 140°F) for 1 to 2 minutes.
 - (2) Using a shop rag or piece of cloth, rub the remaining double-sided adhesive tape off the back door panel while it is hot from the infrared light.
NOTICE:
Installing the rear name plate while any double-sided adhesive tape remains on the back door panel may cause adhesion failure. Therefore, completely remove the double-sided adhesive tape.
 - (3) Using a non-residue solvent, clean the attachment surface.
- (b) Align the 2 pins and install a new rear name plate as shown in the illustration.

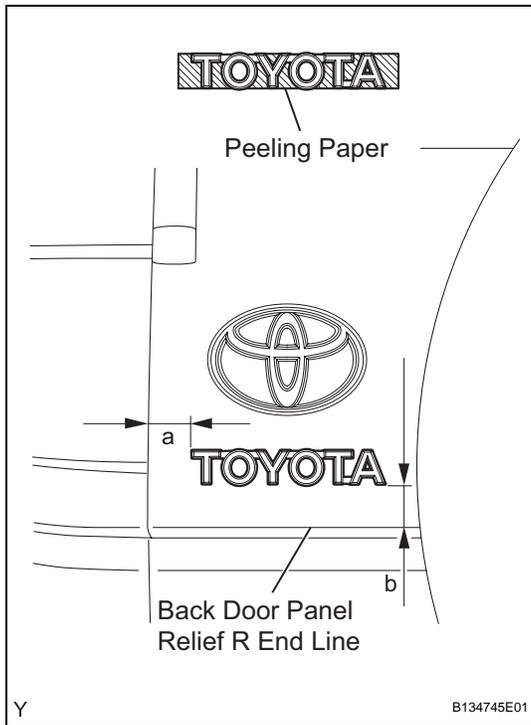
Installation position

Mark	Measurement (along surface)
a	49 mm (1.929 in.)
b	56.7 mm (2.232 in.)



NOTICE:

Install the rear name plate in an environment where the ambient temperature is over 20°C (68°F). If it is below 20°C (68°F), using an infrared light, heat the back door panel and the rear name plate up to 20 to 30°C (68 to 86°F) and install the rear name plate.

**2. INSTALL NO. 2 BACK DOOR NAME PLATE**

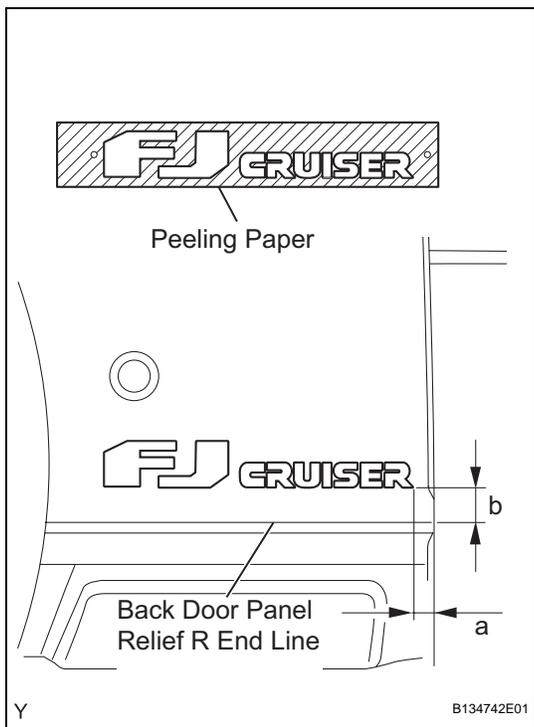
- (a) Clean the attachment surface.
- (1) Using an infrared light, heat the double-sided adhesive tape remaining on the back door panel.
HINT:
Heat at 40 to 60°C (104 to 140°F) for 1 to 2 minutes.
 - (2) Using a shop rag or piece of cloth, rub the remaining double-sided adhesive tape off the back door panel while it is hot from the infrared light.
- NOTICE:**
Installing the No. 2 back door name plate while any double-sided adhesive tape remains on the back door panel may cause adhesion failure. Therefore, completely remove the double-sided adhesive tape.
- (3) Using a non-residue solvent, clean the attachment surface.
- (b) Install a new No. 2 back door name plate as shown in the illustration.

Installation position

Mark	Measurement (along surface)
a	37 mm (1.457 in.)
b	14.5 mm (0.571 in.)

NOTICE:

Install the back door name plate in an environment where the ambient temperature is over 20°C (68°F). If it is below 20°C (68°F), using an infrared light, heat the back door panel and the No. 2 back door name plate up to 20 to 30°C (68 to 86°F) and install the No. 2 back door name plate.



3. INSTALL NO. 1 BACK DOOR NAME PLATE

- (a) Clean the attachment surface.
 - (1) Using an infrared light, heat the double-sided adhesive tape remaining on the back door panel.
 - HINT:
Heat at 40 to 60°C (104 to 140°F) for 1 to 2 minutes.
 - (2) Using a shop rag or piece of cloth, rub the remaining double-sided adhesive tape off the back door panel while it is hot from the infrared light.
 - NOTICE:**
Installing the No. 1 back door name plate while any double-sided adhesive tape remains on the back door panel may cause adhesion failure. Therefore, completely remove the double-sided adhesive tape.
 - (3) Using a non-residue solvent, clean the attachment surface.
- (b) Install a new No. 1 back door name plate as shown in the illustration.

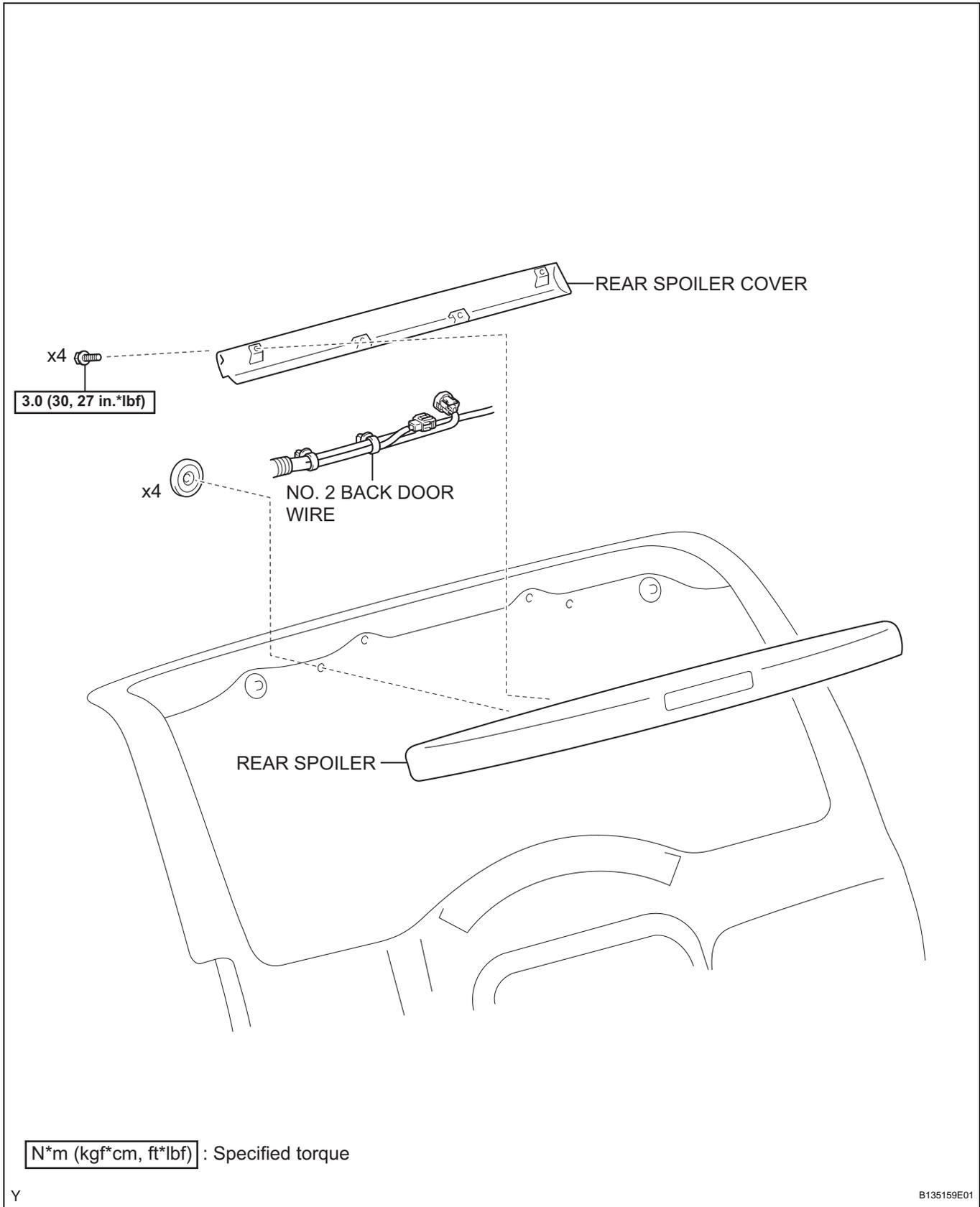
Installation position

Mark	Measurement (along surface)
a	28.4 mm (1.118 in.)
b	11.5 mm (0.453 in.)

NOTICE:

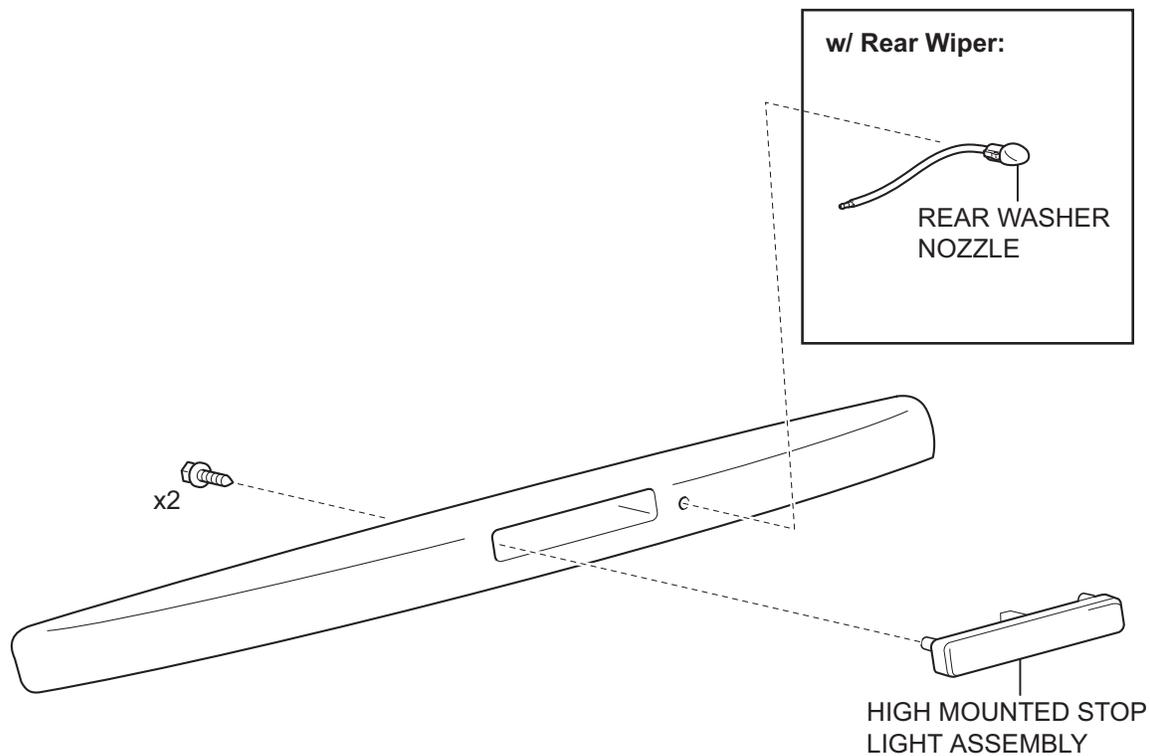
Install the No. 1 back door name plate in an environment where the ambient temperature is over 20 °C (68°F). If it is below 20°C (68°F), using an infrared light, heat the back door panel and the No. 1 back door name plate up to 20 to 30°C (68 to 86°F) and install the No. 1 back door name plate.

REAR SPOILER COMPONENTS



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

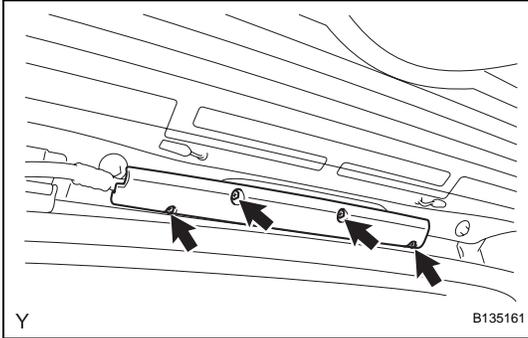
ET



ET

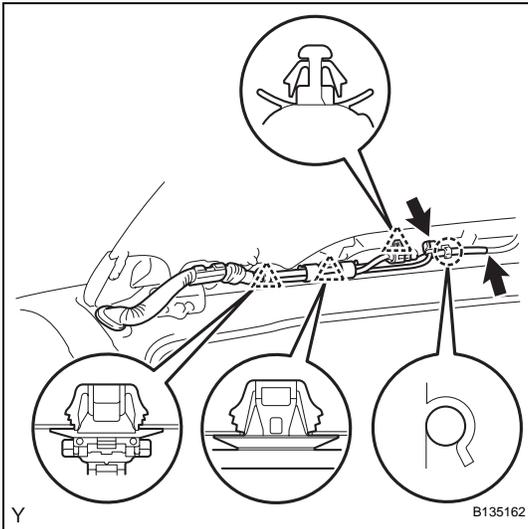
REMOVAL

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



2. **REMOVE REAR SPOILER COVER**

(a) Remove the 4 screws and the rear spoiler cover.



3. **REMOVE REAR SPOILER**

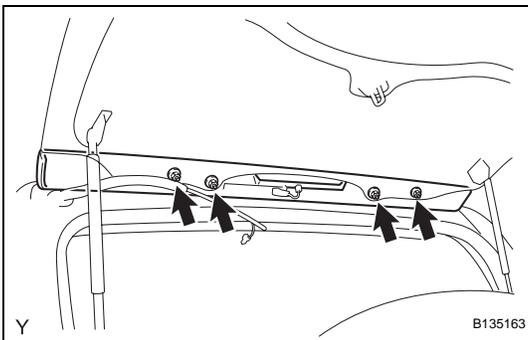
(a) Disconnect high mounted stop light connector.

(b) Using a clip remover, remove the 3 clamps.

(c) Remove the washer hose from the claw of the rear spoiler.

(d) Disconnect the washer hose.

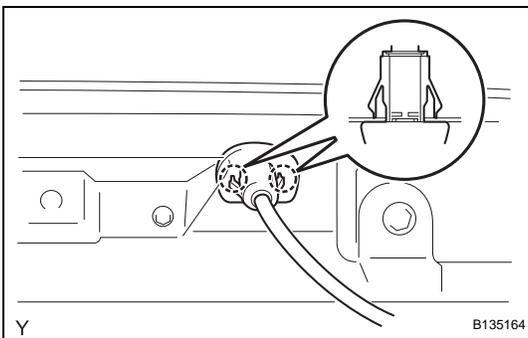
(e) Remove the 4 nuts.

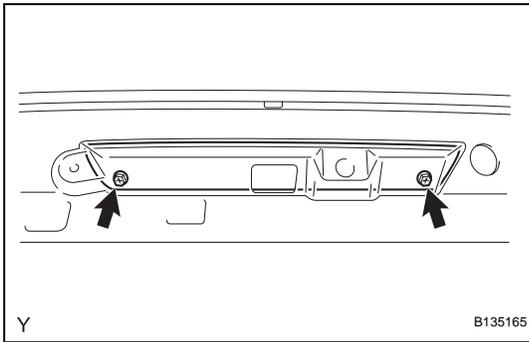


DISASSEMBLY

1. **REMOVE REAR WASHER NOZZLE (w/ Rear Wiper)**

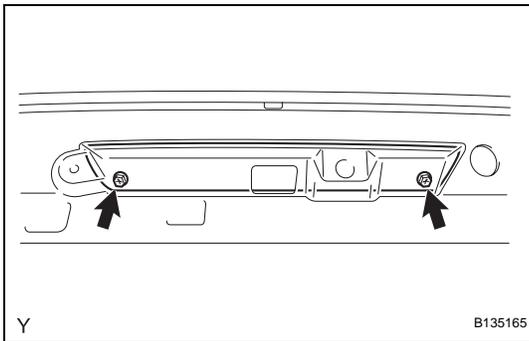
(a) Disengage the 2 claws and remove the rear washer nozzle.





2. REMOVE HIGH MOUNTED STOP LIGHT ASSEMBLY

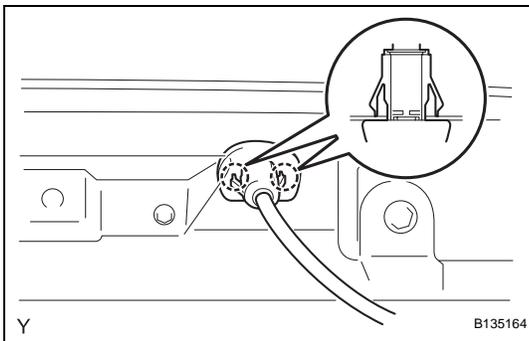
- (a) Remove the 2 screws and the high mounted stop light.



REASSEMBLY

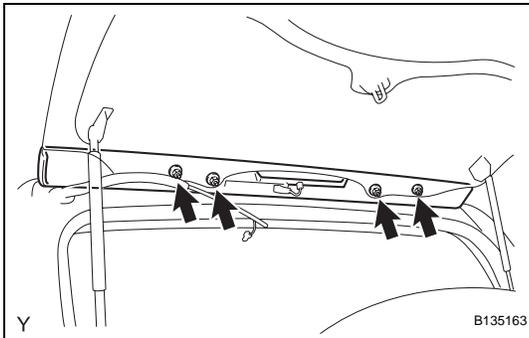
1. INSTALL HIGH MOUNTED STOP LIGHT ASSEMBLY

- (a) Install the high mounted stop light with the 2 screws.



2. INSTALL REAR WASHER NOZZLE (w/ Rear Wiper)

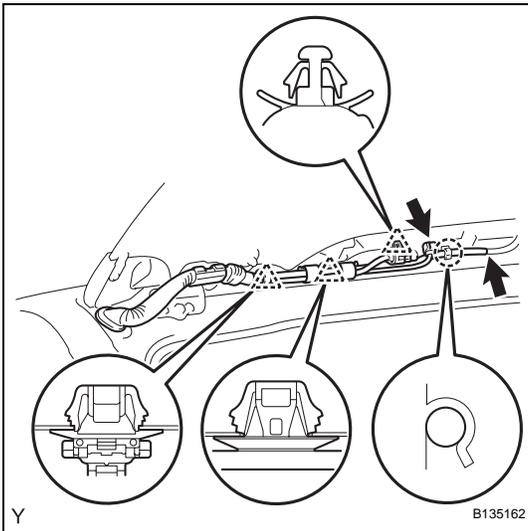
- (a) Engage the 2 claws and install the rear washer nozzle.



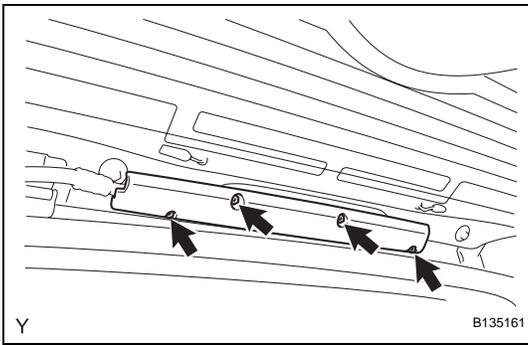
INSTALLATION

1. INSTALL REAR SPOILER

- (a) Install the rear spoiler with the 4 nuts.



- (b) w/ Rear Wiper:
 - (1) Connect the washer hose.
- (c) Install the washer hose into the claw of the rear spoiler.
- (d) Install the 3 clamps.
- (e) Connect the high mounted stop light connector.



2. INSTALL REAR SPOILER COVER

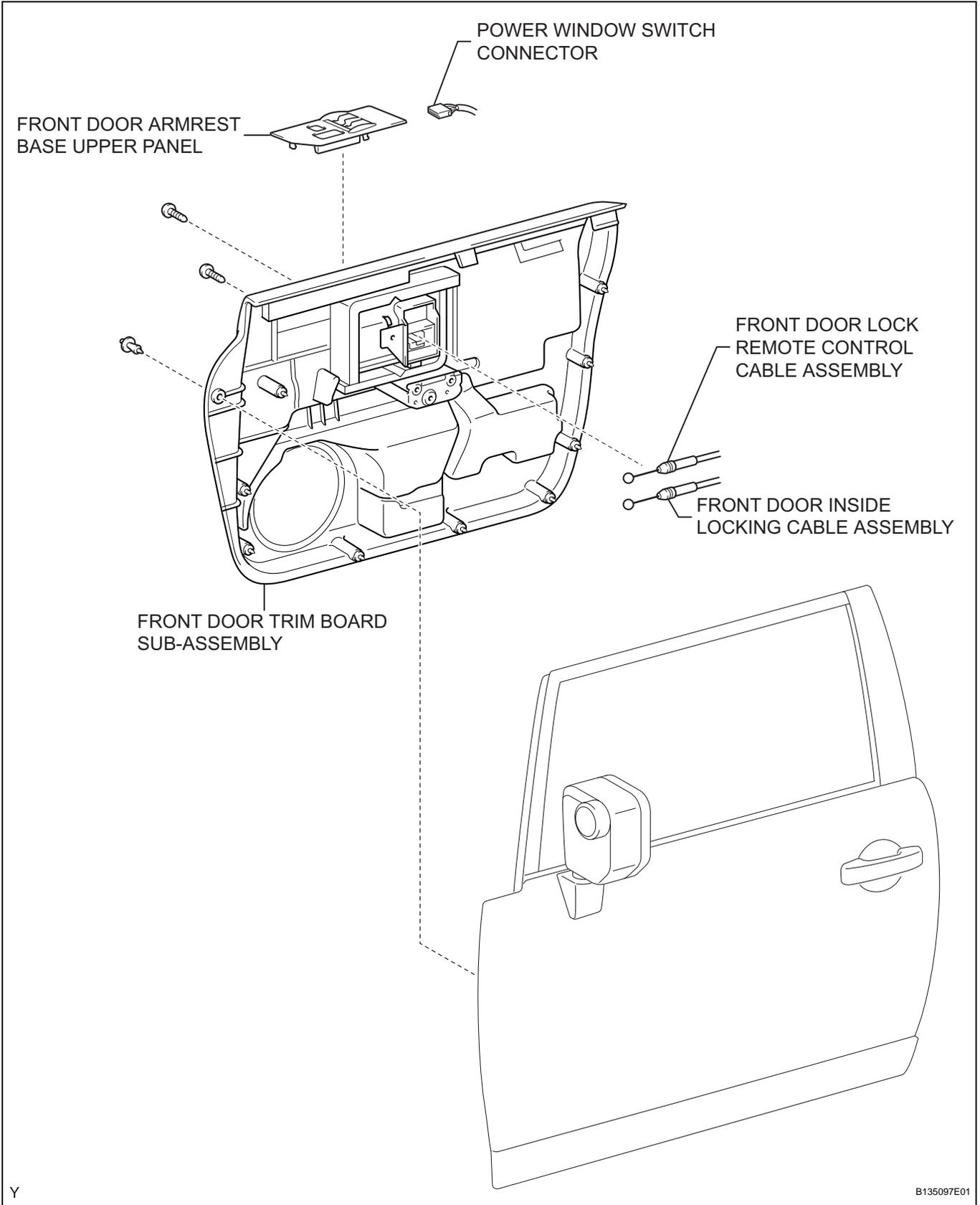
- (a) Install the rear spoiler cover with the 4 screws.
Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf)

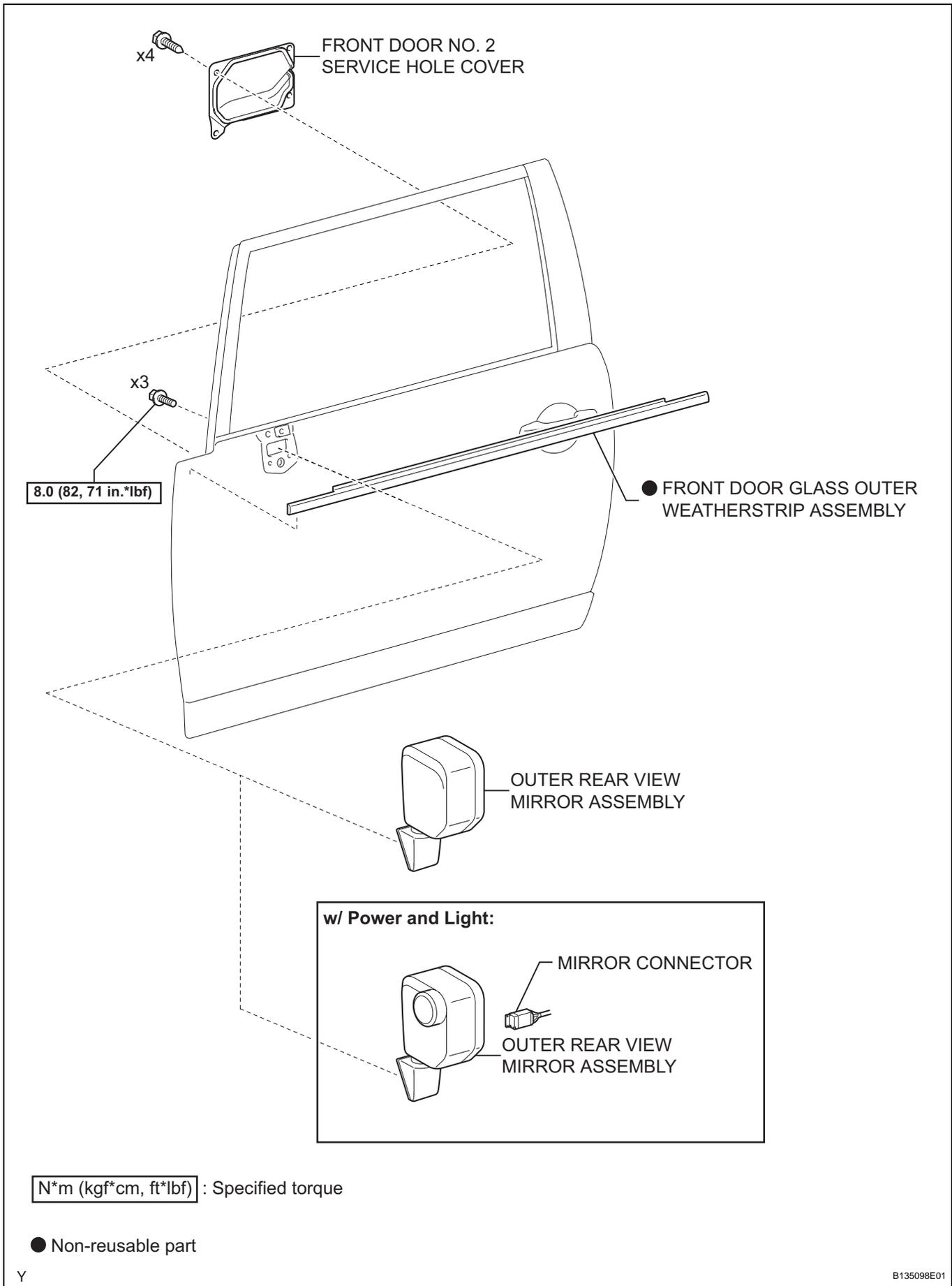
3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

- Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)**

FRONT DOOR GLASS WEATHERSTRIP

COMPONENTS





REMOVAL

HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

2. REMOVE FRONT DOOR ARMREST BASE UPPER PANEL

HINT:

Use the same procedure as for the RH side (See page [ED-9](#)).

3. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY

HINT:

Use the same procedure as for the RH side (See page [ED-9](#)).

4. REMOVE FRONT DOOR NO. 2 SERVICE HOLE COVER

HINT:

Use the same procedure as for the RH side (See page [ED-10](#)).

5. REMOVE OUTER REAR VIEW MIRROR ASSEMBLY

(a) for Driver Side:

- (1) Provisionally install the power window regulator master switch.

(b) for Front Passenger Side:

- (1) Provisionally install the power window regulator switch.

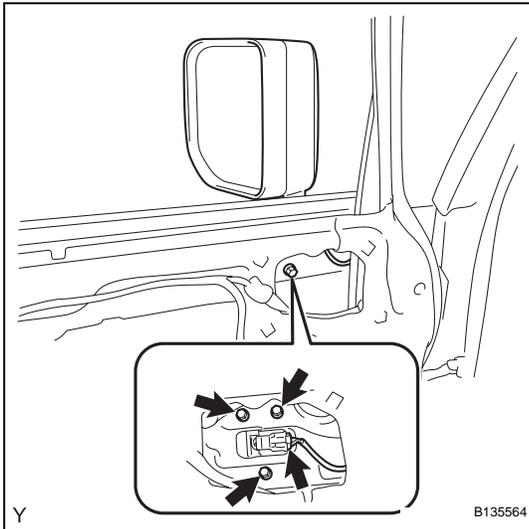
(c) Close the door glass.

(d) Disconnect the connector.

(e) Remove the 3 bolts and the outer rear view mirror.

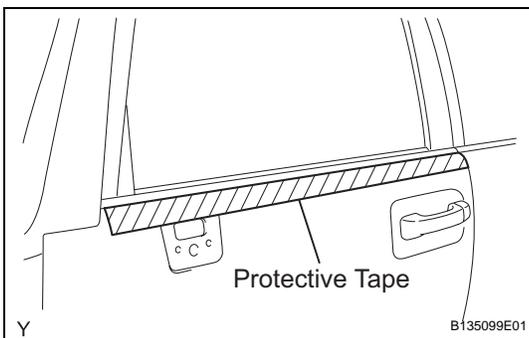
NOTICE:

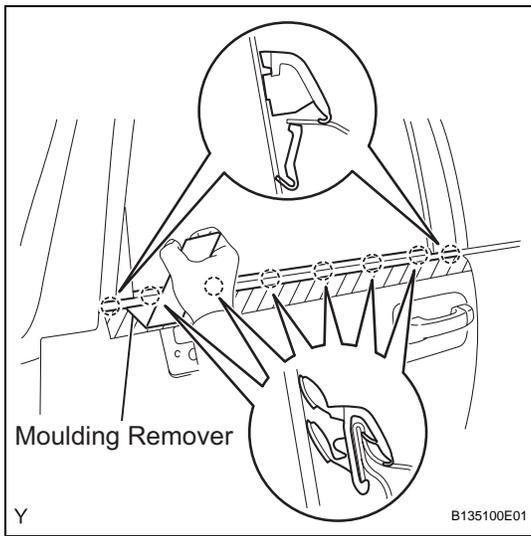
Do not drop or damage the outer rear view mirror when removing the bolts.



6. REMOVE FRONT DOOR GLASS OUTER WEATHERSTRIP ASSEMBLY

- (a) Apply protective tape to the front door panel in the area around the front door glass outer weatherstrip.



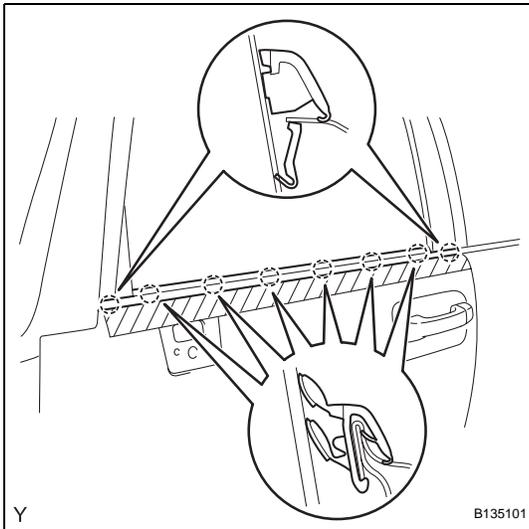


- (b) Using a moulding remover, disengage the 8 claws and remove the front door glass outer weatherstrip.

INSTALLATION

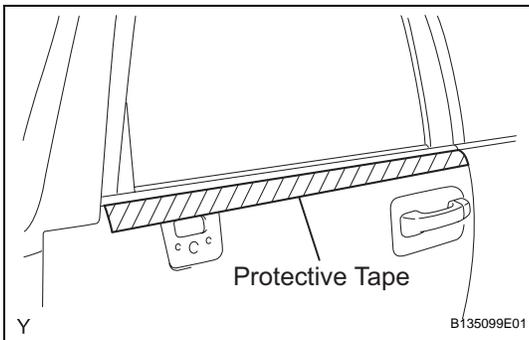
HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

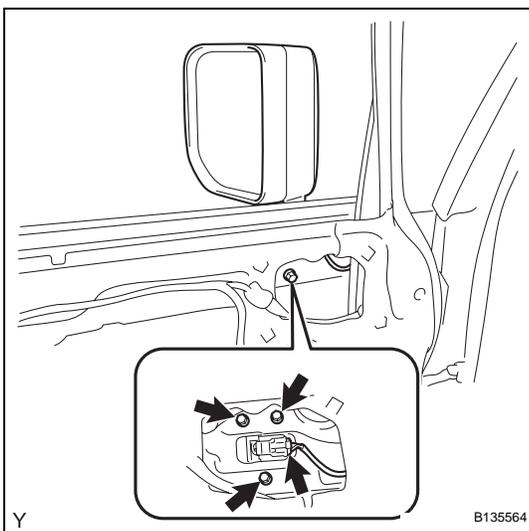


1. INSTALL FRONT DOOR GLASS OUTER WEATHERSTRIP ASSEMBLY

- (a) Engage the 8 claws and install a new front door glass outer weatherstrip.



- (b) Remove the protective tape.



2. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY

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

3. INSTALL FRONT DOOR NO. 2 SERVICE HOLE COVER

HINT:

Use the same procedure as for the RH side (See page [ED-24](#)).

4. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY

HINT:

Use the same procedure as for the RH side (See page [ED-24](#)).

5. INSTALL FRONT DOOR ARMREST BASE UPPER PANEL

HINT:

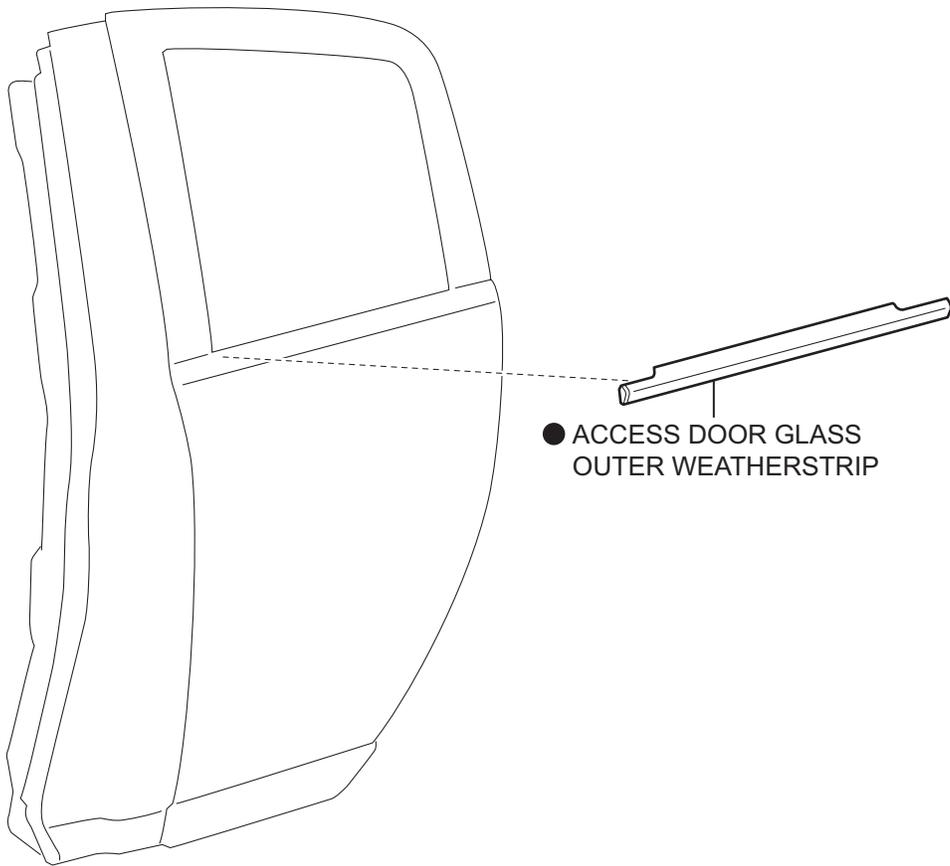
Use the same procedure as for the RH side (See page [ED-25](#)).

**6. CONNECT CABLE TO NEGATIVE BATTERY
TERMINAL**

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

ACCESS DOOR GLASS WEATHERSTRIP

COMPONENTS



● ACCESS DOOR GLASS
OUTER WEATHERSTRIP

● Non-reusable part

Y

ET

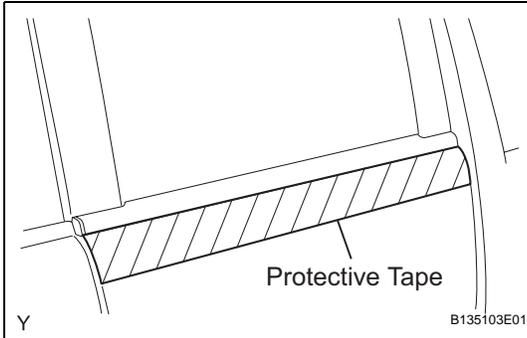
REMOVAL

HINT:

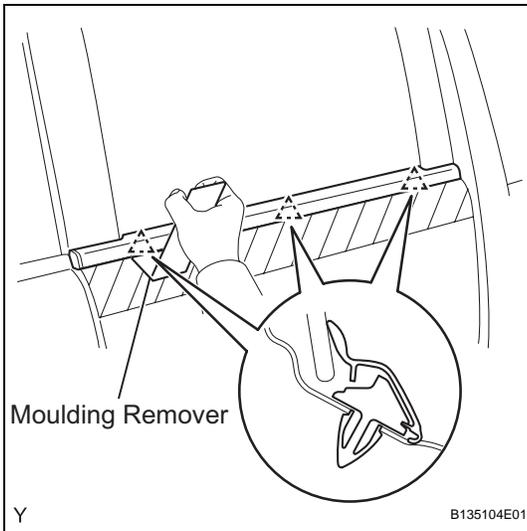
The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. REMOVE ACCESS DOOR GLASS OUTER WEATHERSTRIP

- (a) Apply protective tape to the rear door panel in the area around the access door glass outer weatherstrip.



- (b) Using a moulding remover, disengage the 3 clips and remove the access door glass outer weatherstrip.



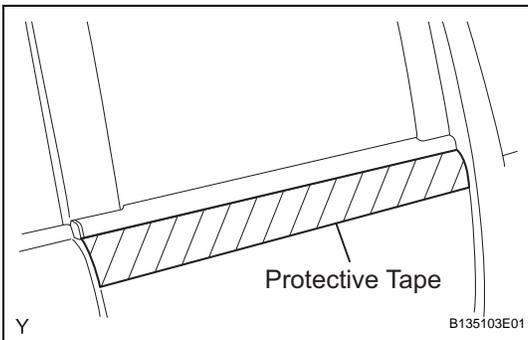
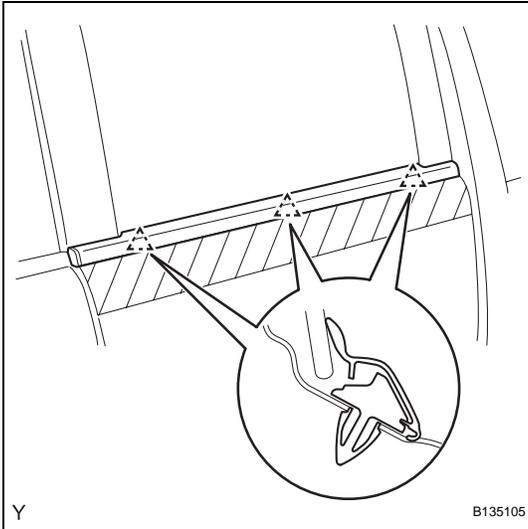
INSTALLATION

HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. INSTALL ACCESS DOOR GLASS OUTER WEATHERSTRIP

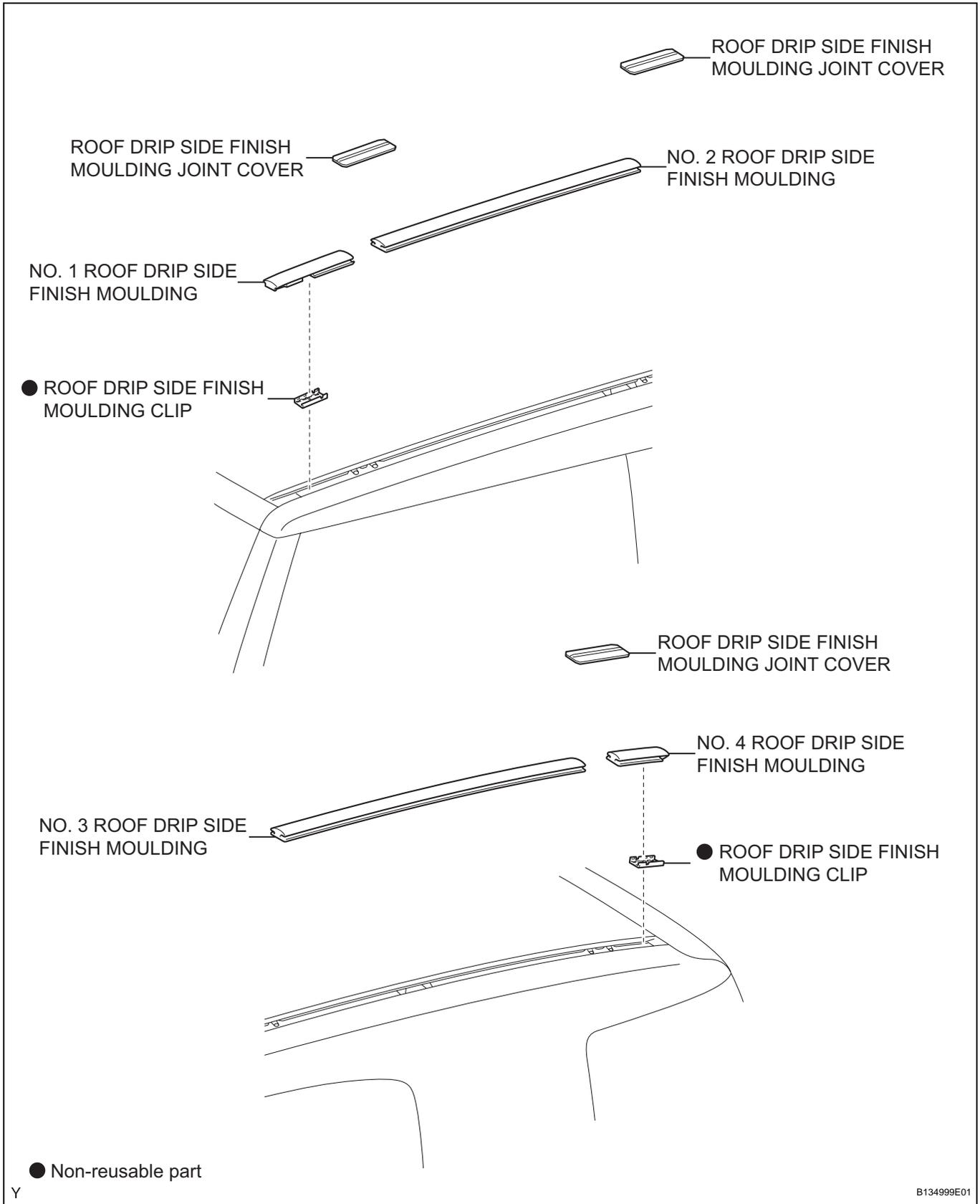
- (a) Engage the 3 clips and install a new access door glass outer weatherstrip.

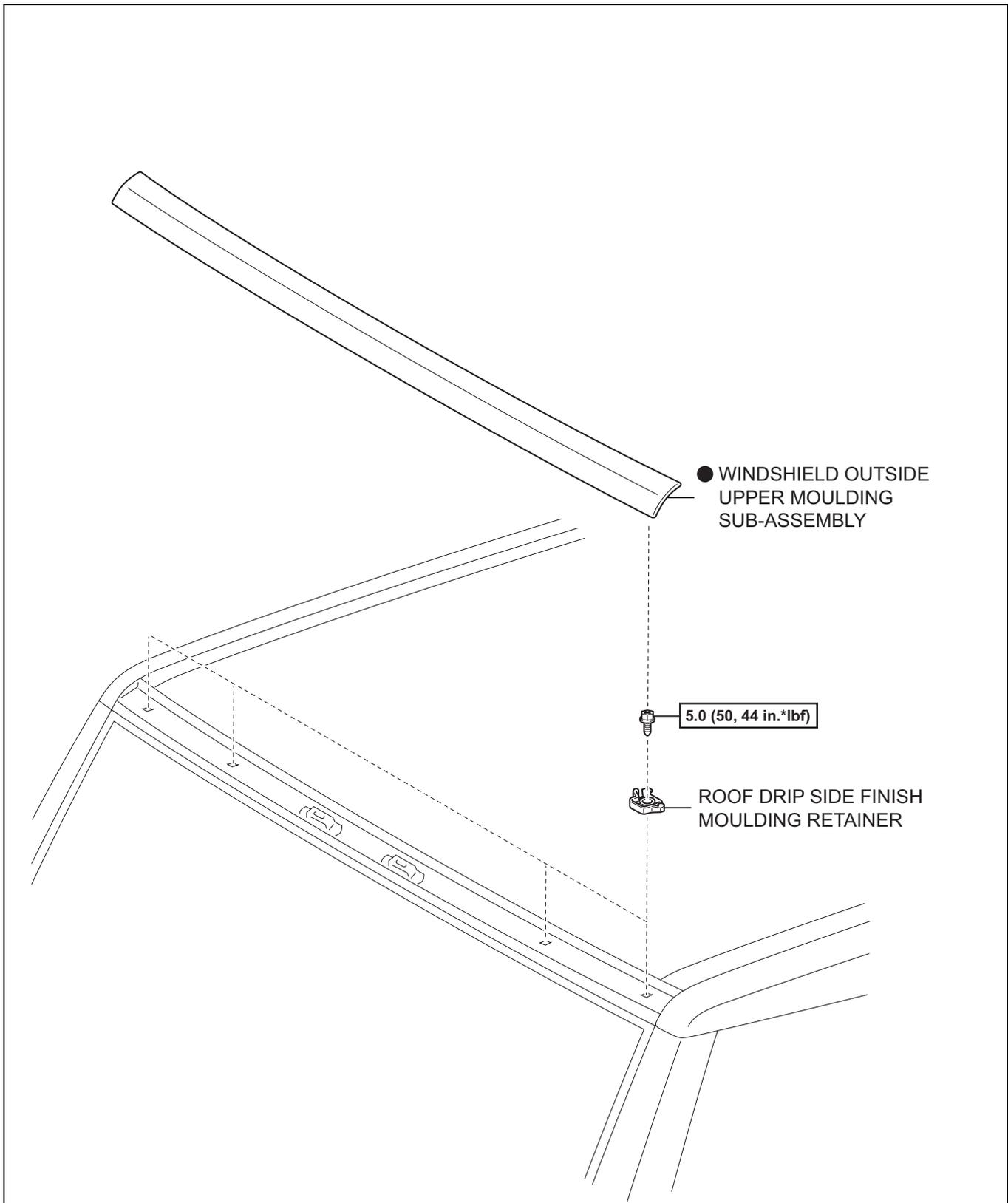


- (b) Remove the protective tape.

ROOF DRIP SIDE FINISH MOULDING

COMPONENTS





● WINDSHIELD OUTSIDE UPPER MOULDING SUB-ASSEMBLY

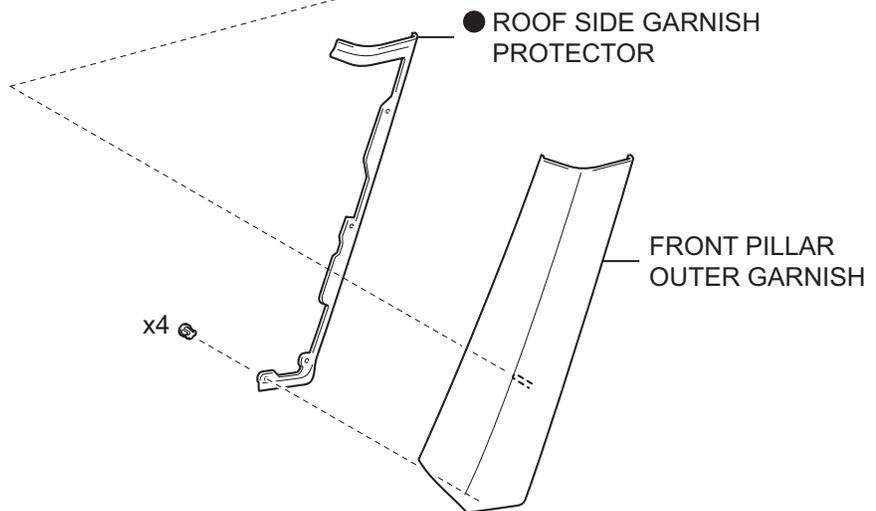
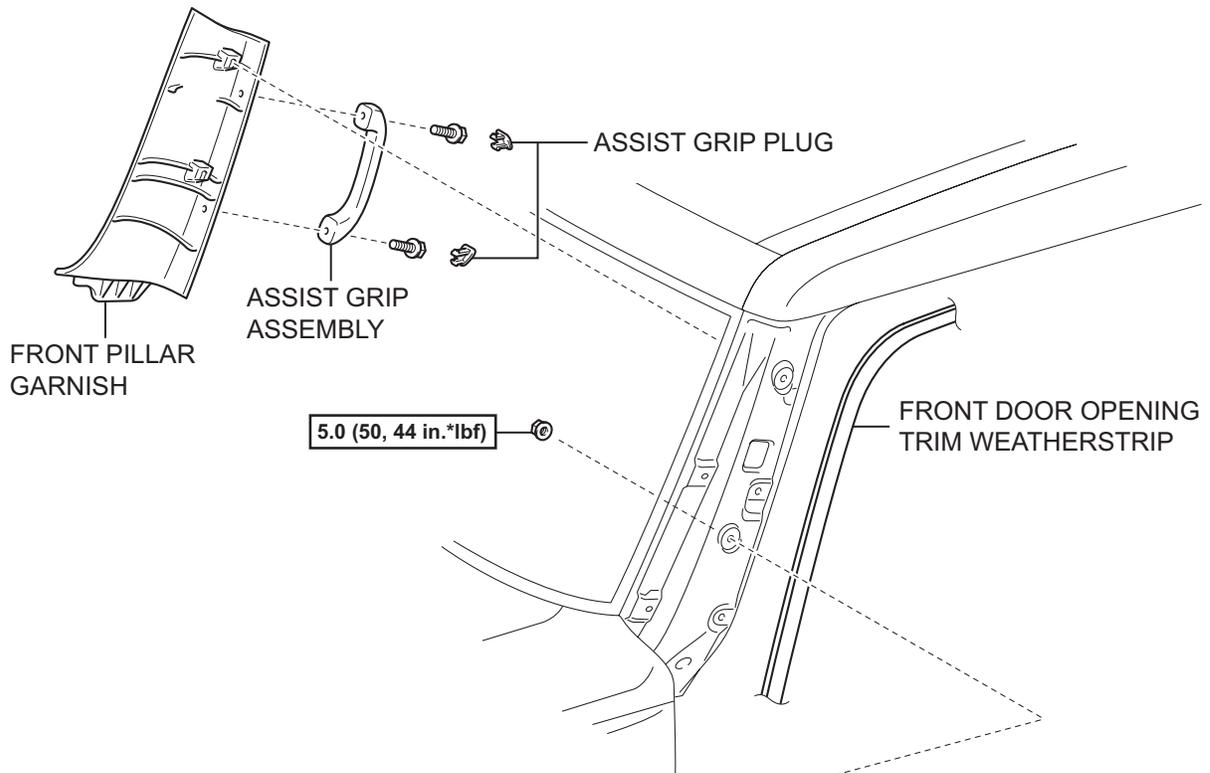
5.0 (50, 44 in.*lbf)

ROOF DRIP SIDE FINISH MOULDING RETAINER

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

● Non-reusable part

ET



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

● Non-reusable part

ET

REMOVAL

HINT:

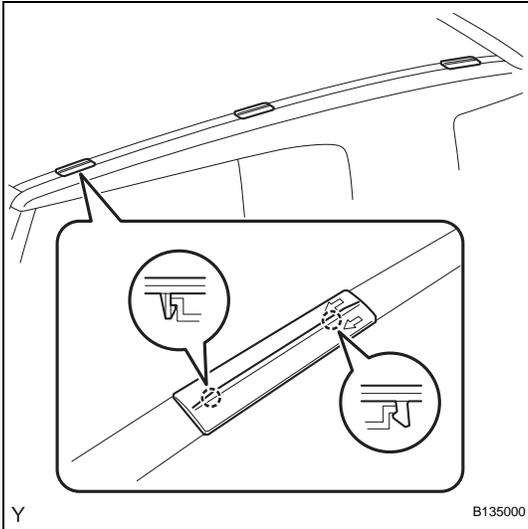
The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. REMOVE ROOF DRIP SIDE FINISH MOULDING JOINT COVER

HINT:

Use the same procedure to remove all the roof drip moulding joint covers.

- (a) Disengage the 2 claws and remove the roof drip moulding joint cover.

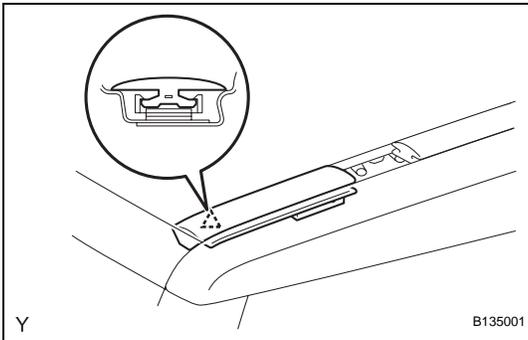


2. REMOVE NO. 1 ROOF DRIP SIDE FINISH MOULDING

- (a) Disengage the clip and remove the No. 1 roof drip side finish moulding.

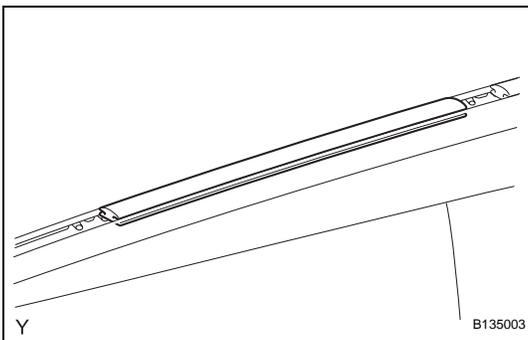
NOTICE:

- Do not remove the clip.
- Replace the clip with a supply clip if damaged.



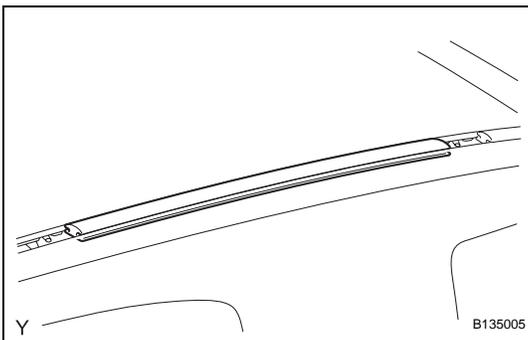
3. REMOVE NO. 2 ROOF DRIP SIDE FINISH MOULDING

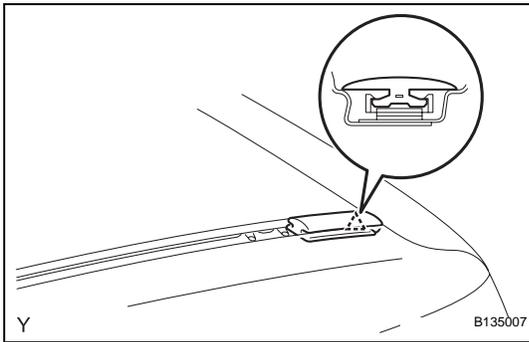
- (a) Remove the No. 2 roof drip side finish moulding.



4. REMOVE NO. 3 ROOF DRIP SIDE FINISH MOULDING

- (a) Remove the No. 3 roof drip side finish moulding.



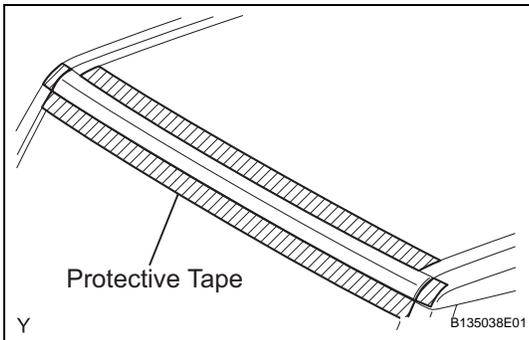


5. REMOVE NO. 4 ROOF DRIP SIDE FINISH MOULDING

- (a) Disengage the clip and remove the No. 4 roof drip side finish moulding.

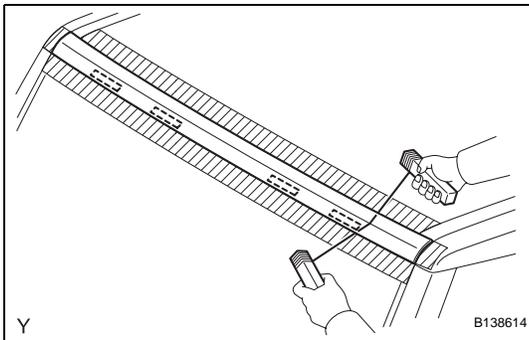
NOTICE:

- Do not remove the clip.
- Replace the clip with a supply clip if damaged.



6. REMOVE WINDSHIELD OUTSIDE UPPER MOULDING SUB-ASSEMBLY

- (a) Apply protective tape to the roof panel in the area around the windshield outside upper moulding.

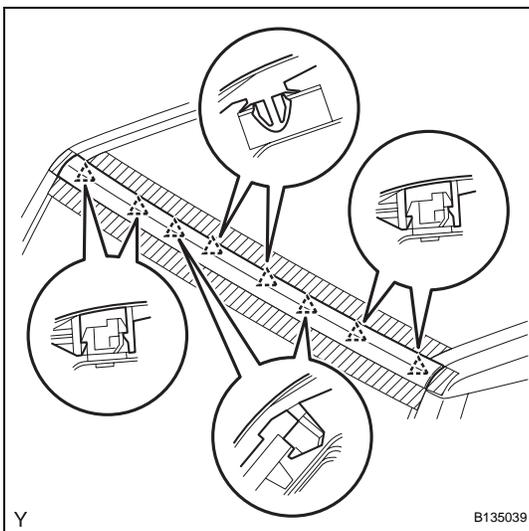


- (b) Insert the piano wires between the vehicle body and the windshield outside upper moulding, as shown in the illustration.

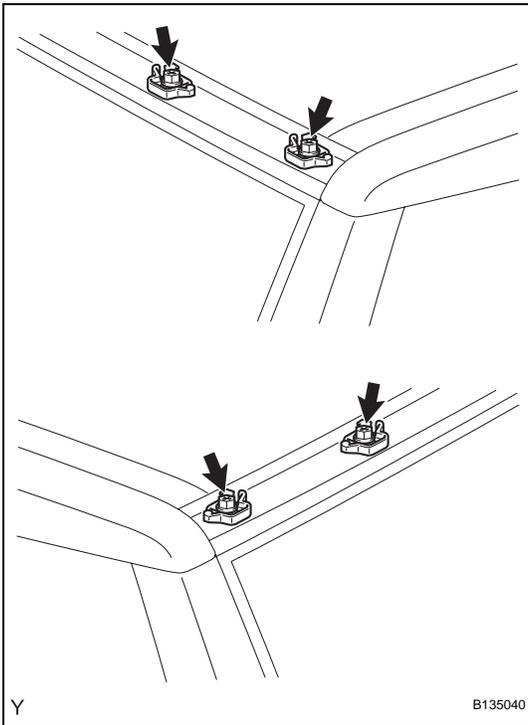
- (c) Tie objects that can serve as handles (for example, wooden blocks) to all wire ends.

NOTICE:

When separating the windshield outside upper moulding from the vehicle, do not damage the vehicle's paintwork or exterior ornaments.



- (d) Disengage the 6 claws and the 2 clips and remove the windshield outside upper moulding.



7. REMOVE ROOF DRIP SIDE FINISH MOULDING RETAINER

HINT:

Use the same procedure to remove all the roof drip side finish moulding retainers.

- (a) Remove the screw and the roof drip side finish moulding retainer.

8. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP

HINT:

Use the same procedure as for the RH side (See Page [AV-110](#)).

9. REMOVE ASSIST GRIP PLUG

HINT:

Use the same procedure as for the RH side (See Page [AV-110](#)).

10. REMOVE ASSIST GRIP ASSEMBLY

HINT:

Use the same procedure as for the RH side (See Page [AV-110](#)).

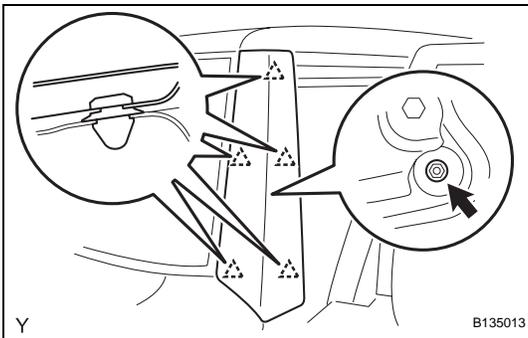
11. REMOVE FRONT PILLAR GARNISH

HINT:

Use the same procedure as for the RH side (See Page [IR-18](#)).

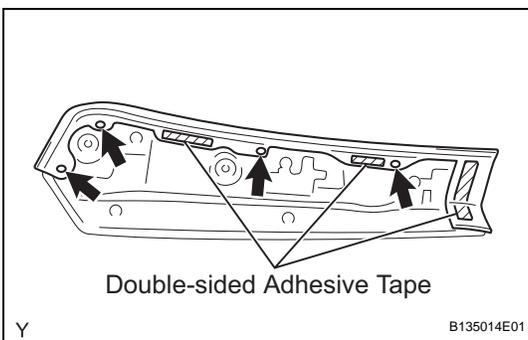
12. REMOVE FRONT PILLAR OUTER GARNISH

- (a) Remove the nut.
- (b) Disengage the 5 clips and remove the front pillar outer garnish.



13. REMOVE ROOF SIDE GARNISH PROTECTOR

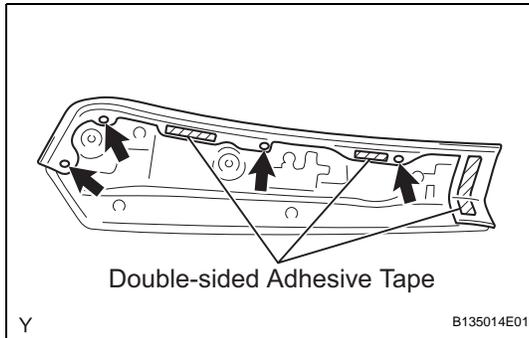
- (a) Using a clip remover, remove the 4 clips.
- (b) Remove the 3 pieces of double-sided adhesive tape and the roof side garnish protector.



INSTALLATION

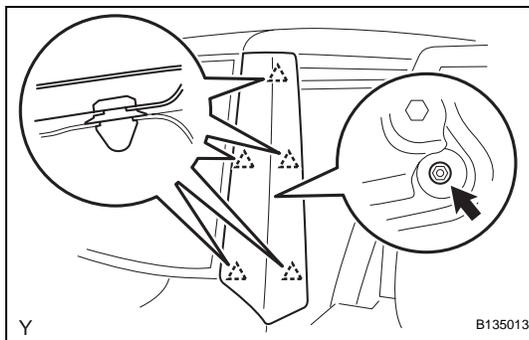
HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.



1. INSTALL ROOF SIDE GARNISH PROTECTOR

- (a) Install a new roof side garnish protector with the 4 clips.



2. INSTALL FRONT PILLAR OUTER GARNISH

- (a) Engage the 5 clips and install the front pillar outer garnish.
- (b) Tighten the nut.
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)

3. INSTALL FRONT PILLAR GARNISH

HINT:

Use the same procedure as for the RH side (See Page [IR-43](#)).

4. INSTALL ASSIST GRIP ASSEMBLY

HINT:

Use the same procedure as for the RH side (See Page [AV-113](#)).

5. INSTALL ASSIST GRIP PLUG

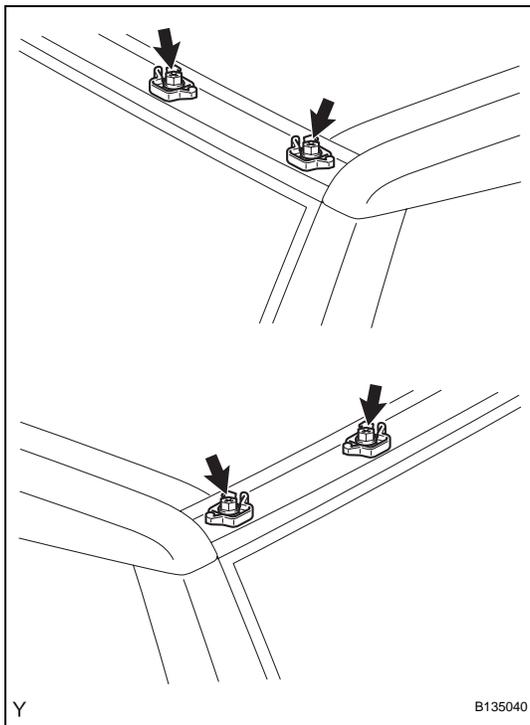
HINT:

Use the same procedure as for the RH side (See Page [AV-114](#)).

6. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP

HINT:

Use the same procedure as for the RH side (See Page [AV-114](#)).



7. INSTALL ROOF DRIP SIDE FINISH MOULDING RETAINER

HINT:

Use the same procedure to install all the roof drip side finish moulding retainers.

- (a) Install the roof drip side finish moulding retainer.
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)

8. INSTALL WINDSHIELD OUTSIDE UPPER MOULDING SUB-ASSEMBLY

- (a) Clean the windshield glass.

- (1) Using a scraper, remove the adhesive from the windshield glass.
- (2) Clean the outer circumference of the windshield glass with a non-residue solvent.

NOTICE:

Do not touch the windshield glass surface after cleaning it.

- (b) Using a brush or sponge, apply Primer G to the contact surface.

NOTICE:

- **Allow the primer to dry for 3 minutes or more.**
- **Throw away any leftover Primer G.**
- **Do not apply too much Primer G.**

HINT:

If Primer G is applied to any areas other than those specified, wipe off the primer with a clean shop rag or piece of cloth before it dries.

- (c) Apply adhesive.

Adhesive:

Toyota Genuine Windshield Glass Adhesive or the equivalent

- (1) Cut the tip off the cartridge nozzle.

HINT:

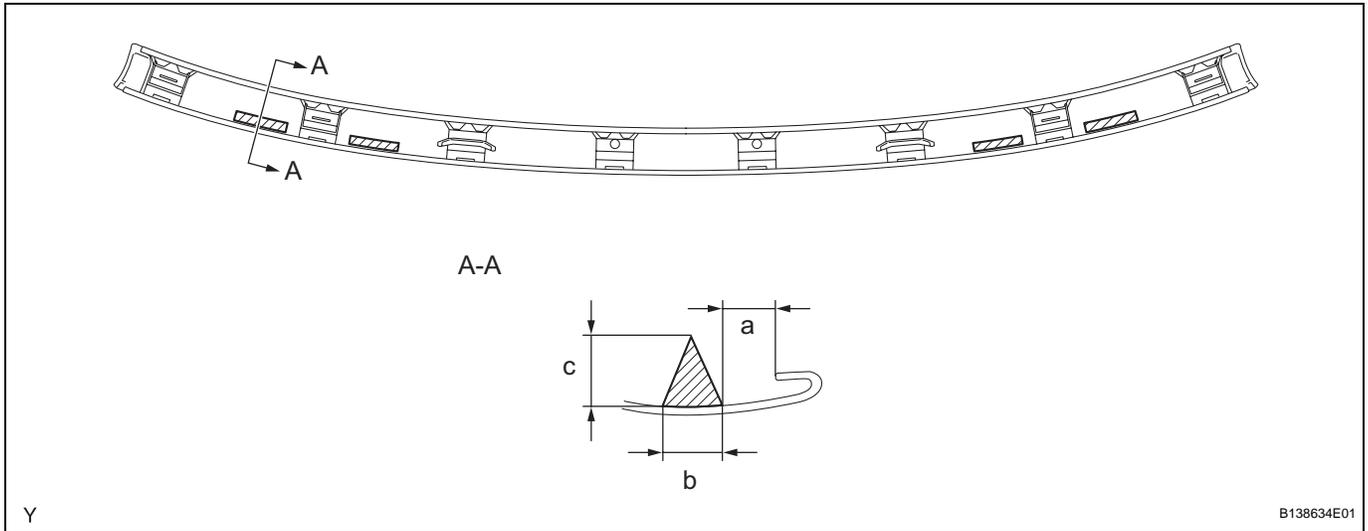
After cutting off the tip, use all adhesive within the times indicated in the table below.

Usage time frame:

Temperature	Usage Time Frame
35°C (95°F)	15 minutes
20°C (68°F)	1 hour 40 minutes
5°C (41°F)	8 hours

- (2) Load the sealer gun with the cartridge.

- (3) Apply adhesive to a new windshield outside upper moulding, as shown in the illustration.



Specification:

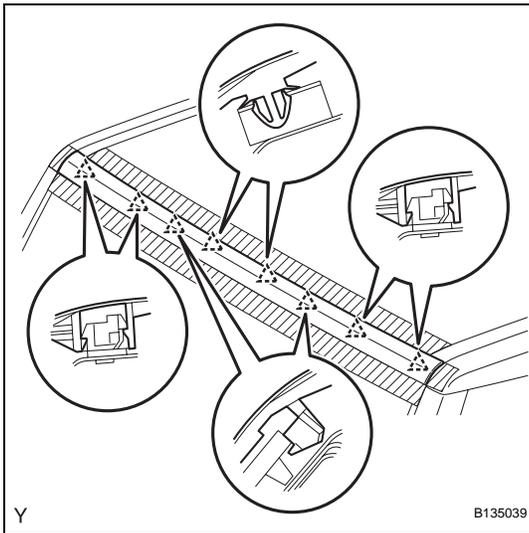
Area	Measurement
a	7 mm (0.276 in.)
b	8 mm (0.315 in.)
c	10 mm (0.394 in.)

- (d) Engage the 6 claws and the 2 clips and install a new windshield outside upper moulding.

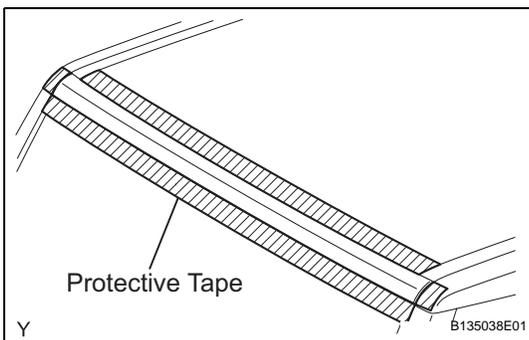
NOTICE:
Do not drive the vehicle within the time indicated in the table below.

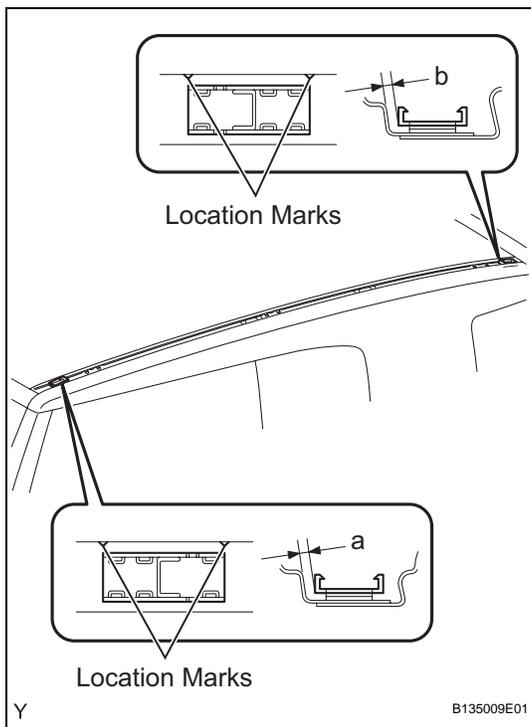
Minimum time:

Temperature	Minimum time prior to driving vehicle
35°C (95°F)	1 hour 30 minutes
20°C (68°F)	5 hour
5°C (41°F)	24 hours



- (e) Remove the protective tape.





9. INSTALL ROOF DRIP SIDE FINISH MOULDING CLIP
NOTICE:

- Only follow this procedure when replacing the clips.
- Wear polyethylene gloves when performing steps and avoid having direct contact between the adhesive and your hand.
- Refer to the label on the adhesive for further precautions.

- (a) Clean the vehicle body.
- (1) Using an industrial dryer, heat the tape remaining on the painted surface to soften it and peel it off with a bamboo scraper.
 - (2) Clean the surface using a shop rag or piece of cloth soaked in a non-residue solvent.

- (b) Apply adhesive.
- (1) Load an adhesive cartridge into an adhesive coating gun.
 - (2) Remove the cap from the adhesive cartridge and pull the lever of the gun. Make sure that the adhesive comes out of the nozzle tip (2 outlets) uniformly. (Confirm by applying adhesive to cardboard)
 - (3) Pull the lever again and apply adhesive to a part of the cardboard where it has not been applied before.

HINT:
 The amount of the adhesive applied in this step should be greater than that required 0.5mm (0.02 in.)

- (4) Using a paddle, mix the adhesive 10 times.
 - (5) Apply the adhesive, with a uniform thickness of 0.5 mm (0.02 in.), to the surface of the hardening tape on the clip.
- (c) Set the clip in the predetermined position on the pillar and press in until extra adhesive protrudes beyond the sides of the tape (20 N (2kgf, 4.4 lb) x 2 seconds).

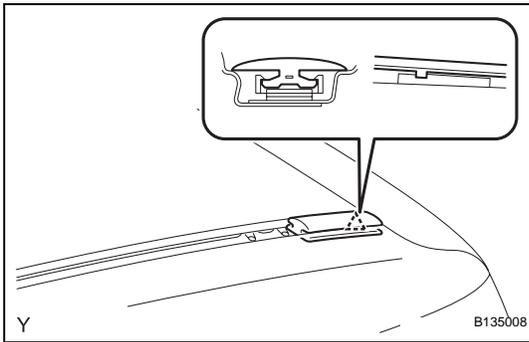
Specification:

Area	Measurement
a	2.5 to 3.5 mm (0.098 to 0.138 in.)
b	2 to 3 mm (0.079 to 0.118 in.)

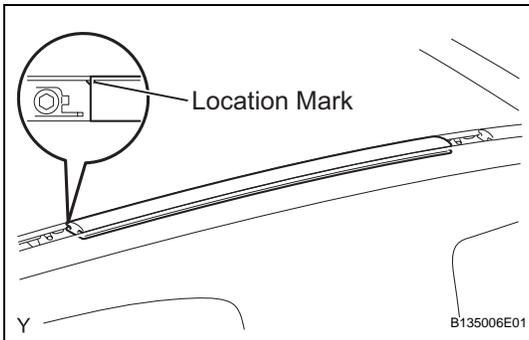
- (d) After pressing the clip, leave it for the predetermined time shown below and then install the moulding.

Ambient temperatures and recommended leaving times:

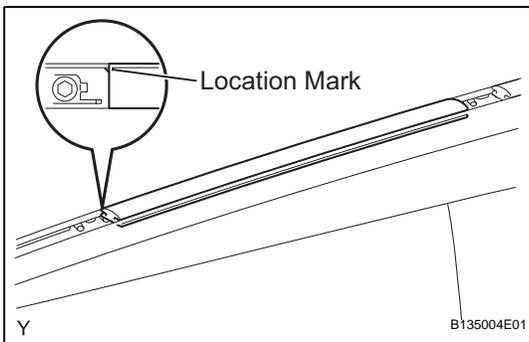
Temperature	Leaving times
5 to 10°C (41 to 50°F)	1 hour or more
10 to 15°C (50 to 59°F)	30 minutes or more
15 to 23°C (59 to 73°F)	30 minutes or more
23°C (73°F) or more	15 minutes or more

**10. INSTALL NO. 4 ROOF DRIP SIDE FINISH MOULDING**

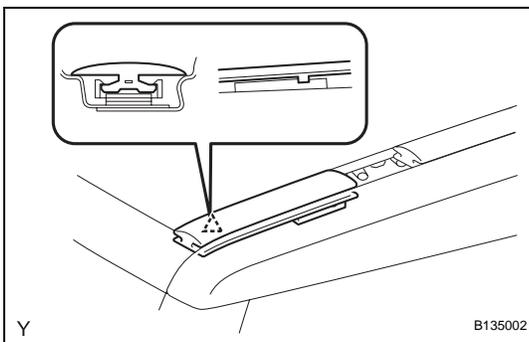
- (a) Engage the clip and install the No. 4 roof drip side finish moulding.

**11. INSTALL NO. 3 ROOF DRIP SIDE FINISH MOULDING**

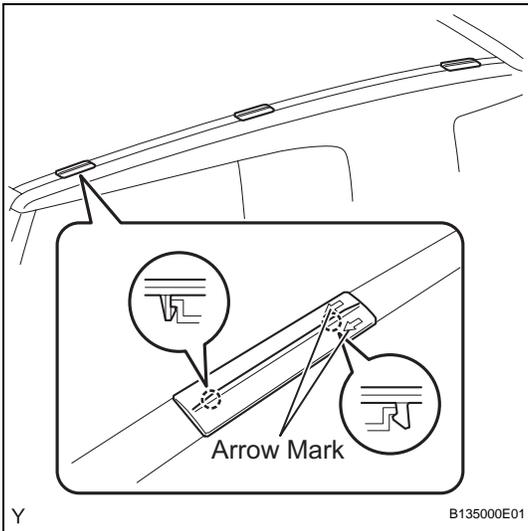
- (a) Install the No. 3 roof drip side finish moulding as shown in the illustration.

**12. INSTALL NO. 2 ROOF DRIP SIDE FINISH MOULDING**

- (a) Install the No. 2 roof drip side finish moulding as shown in the illustration.

**13. INSTALL NO. 1 ROOF DRIP SIDE FINISH MOULDING**

- (a) Engage the clip and install the No. 1 roof drip side finish moulding.



14. INSTALL ROOF DRIP SIDE FINISH MOULDING JOINT COVER

HINT:

Use the same procedure to remove all the roof drip moulding joint covers.

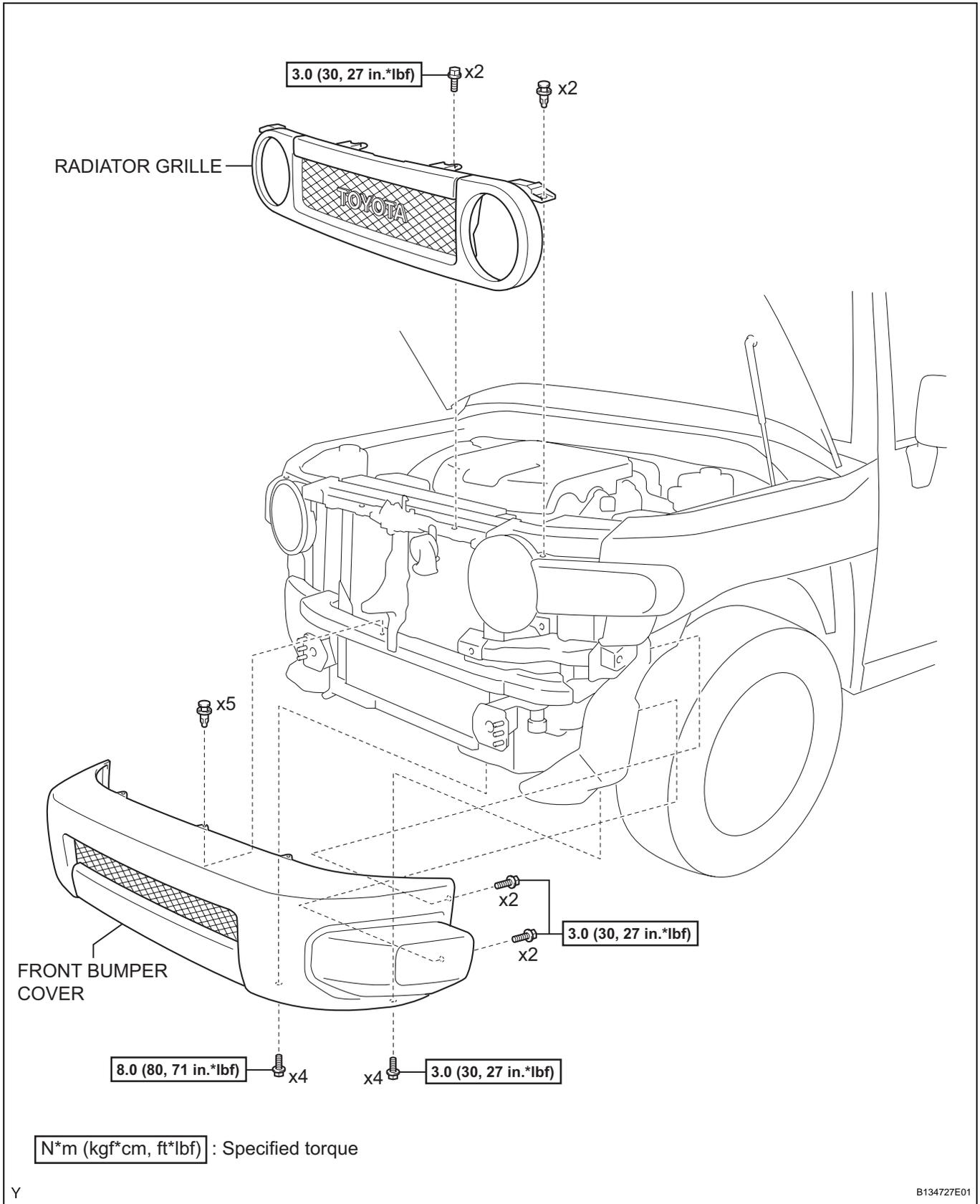
- (a) Engage the 2 claws and install the roof drip moulding joint cover.

NOTICE:

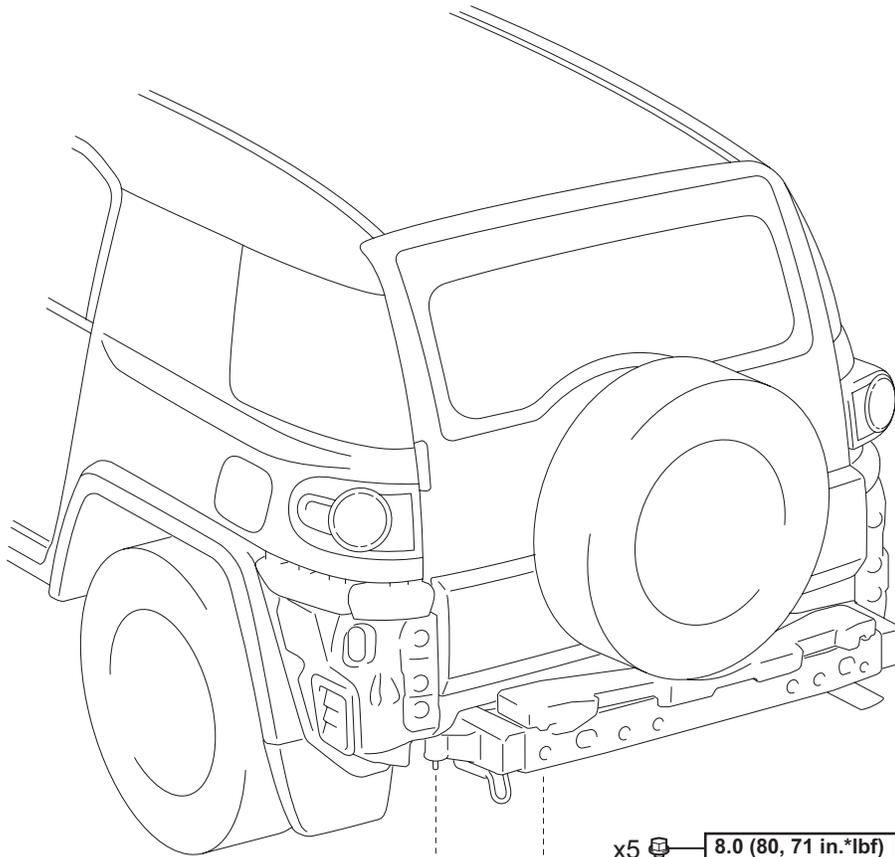
Install the roof drip moulding joint cover with the arrow mark facing forward.

OUTSIDE MOULDING

COMPONENTS



ET



WIRE to WIRE
CONNECTOR

x5 **8.0 (80, 71 in.*lbf)**

WIRE to WIRE
CONNECTOR

REAR BUMPER
COVER

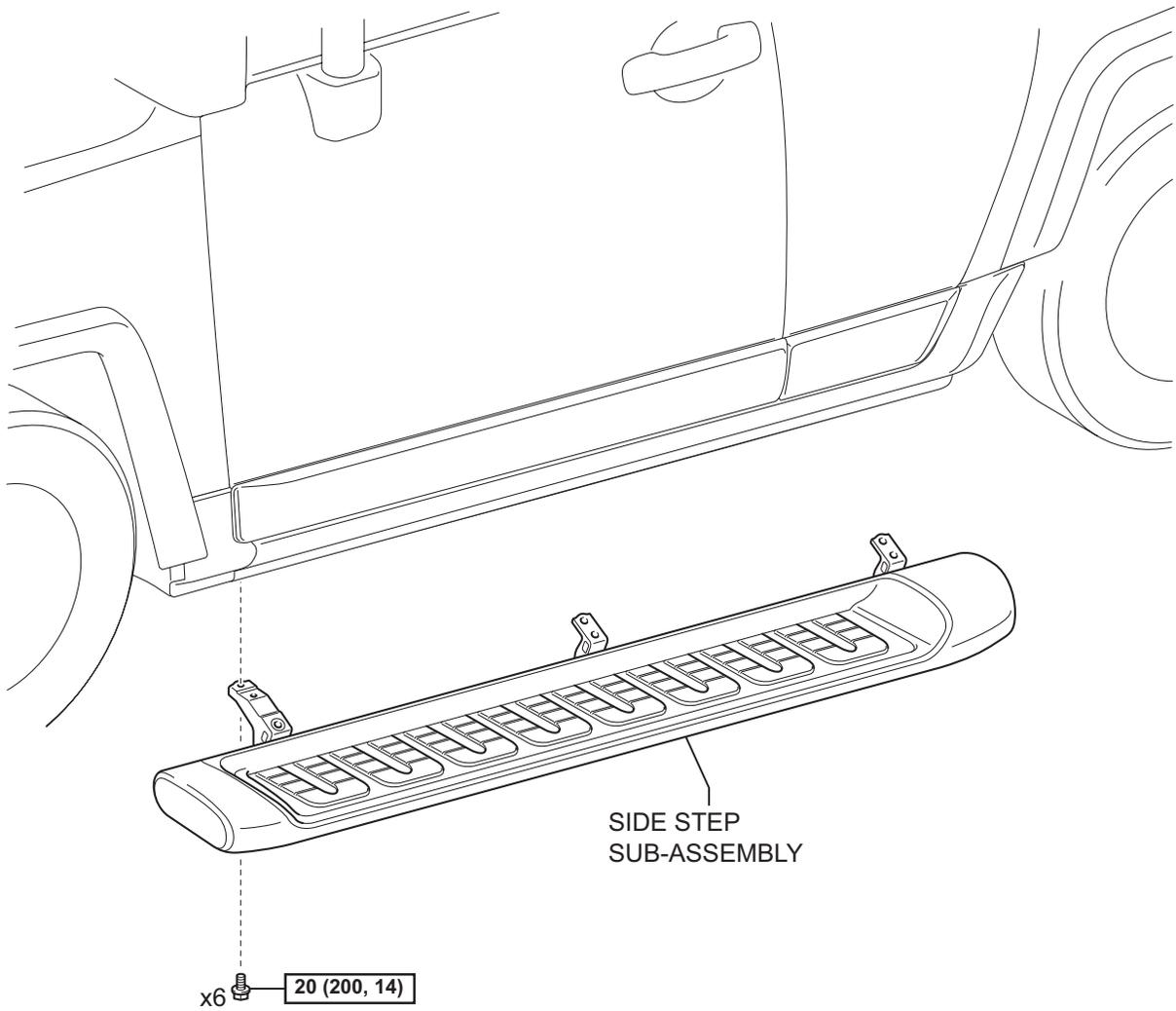
3.0 (30, 27 in.*lbf)
x2

x2 **8.0 (80, 71 in.*lbf)**

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

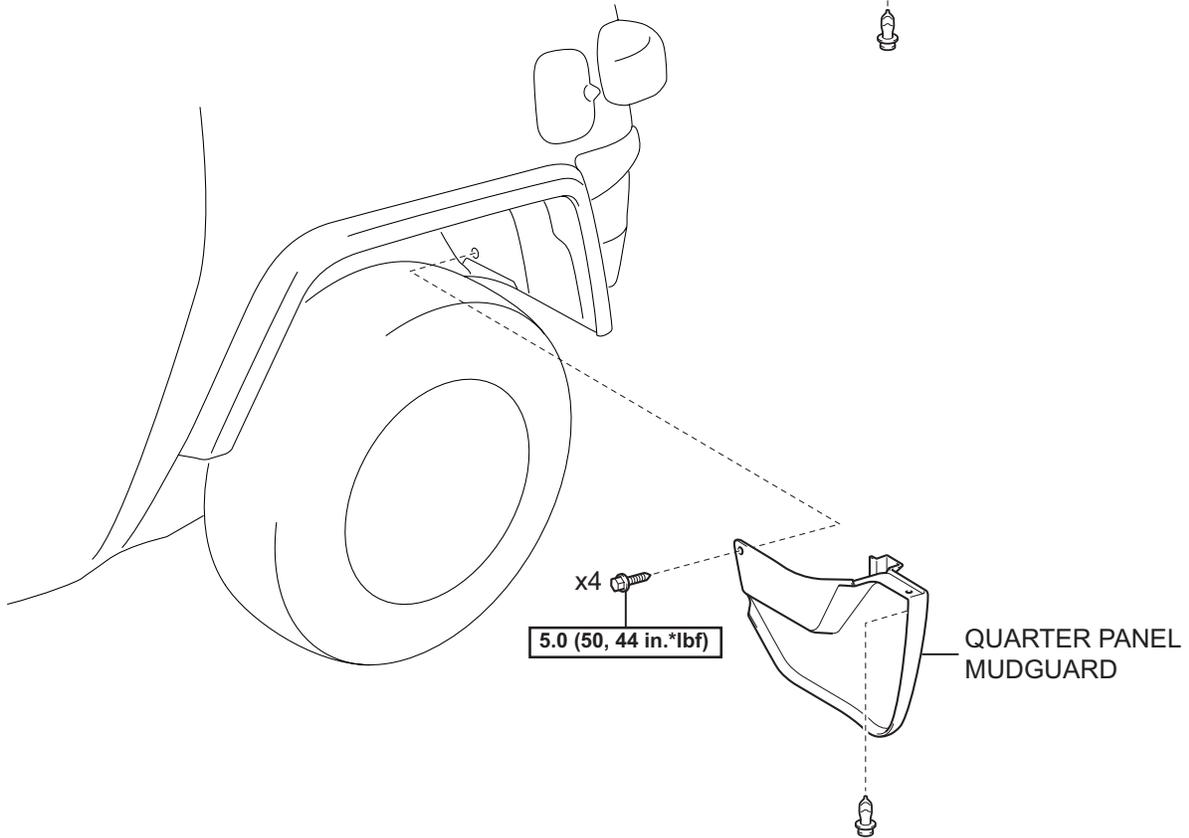
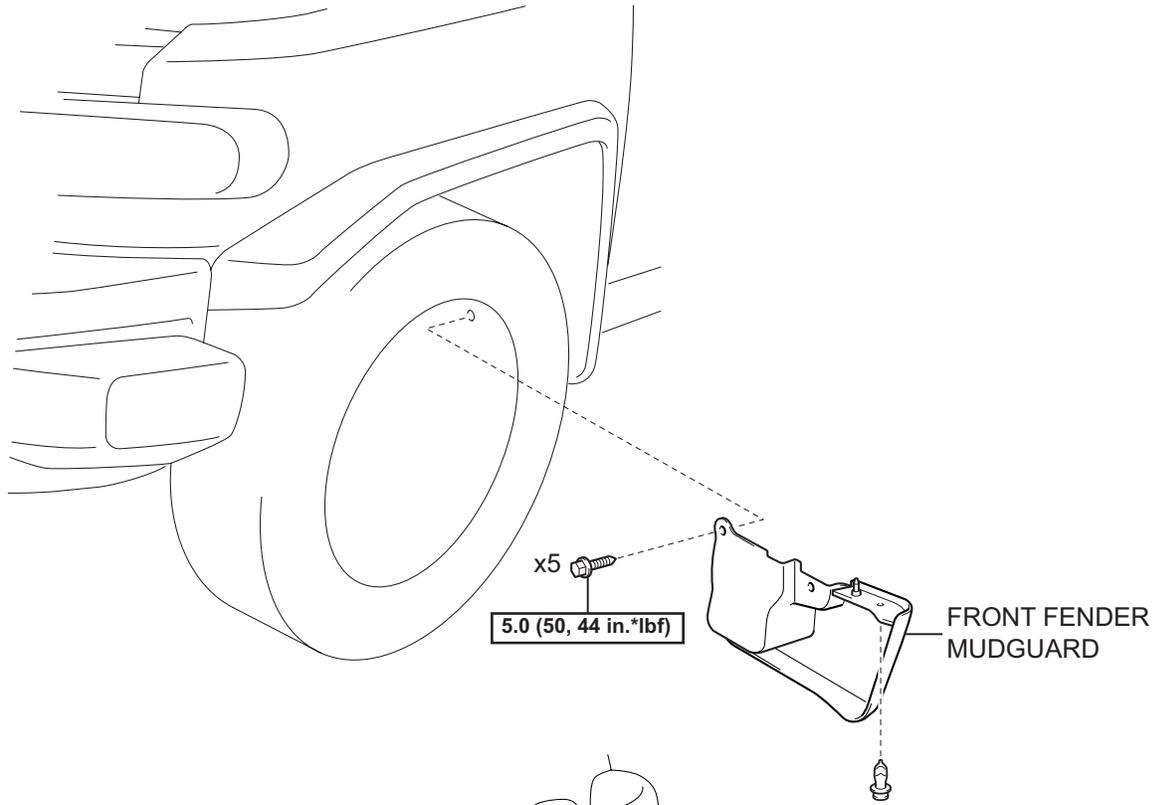
ET

w/ Side Step:



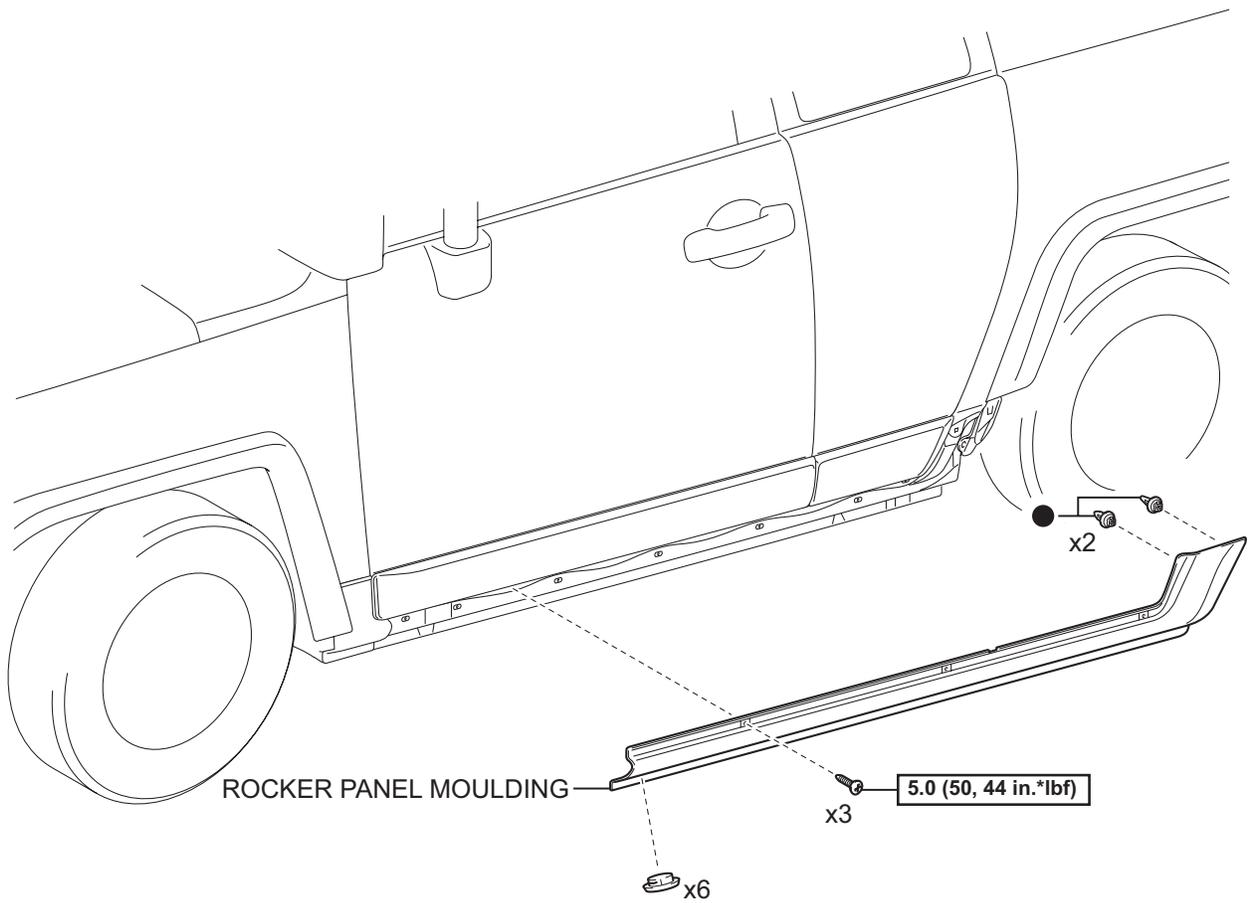
N*m (kgf*cm, ft*lbf) : Specified torque

ET



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

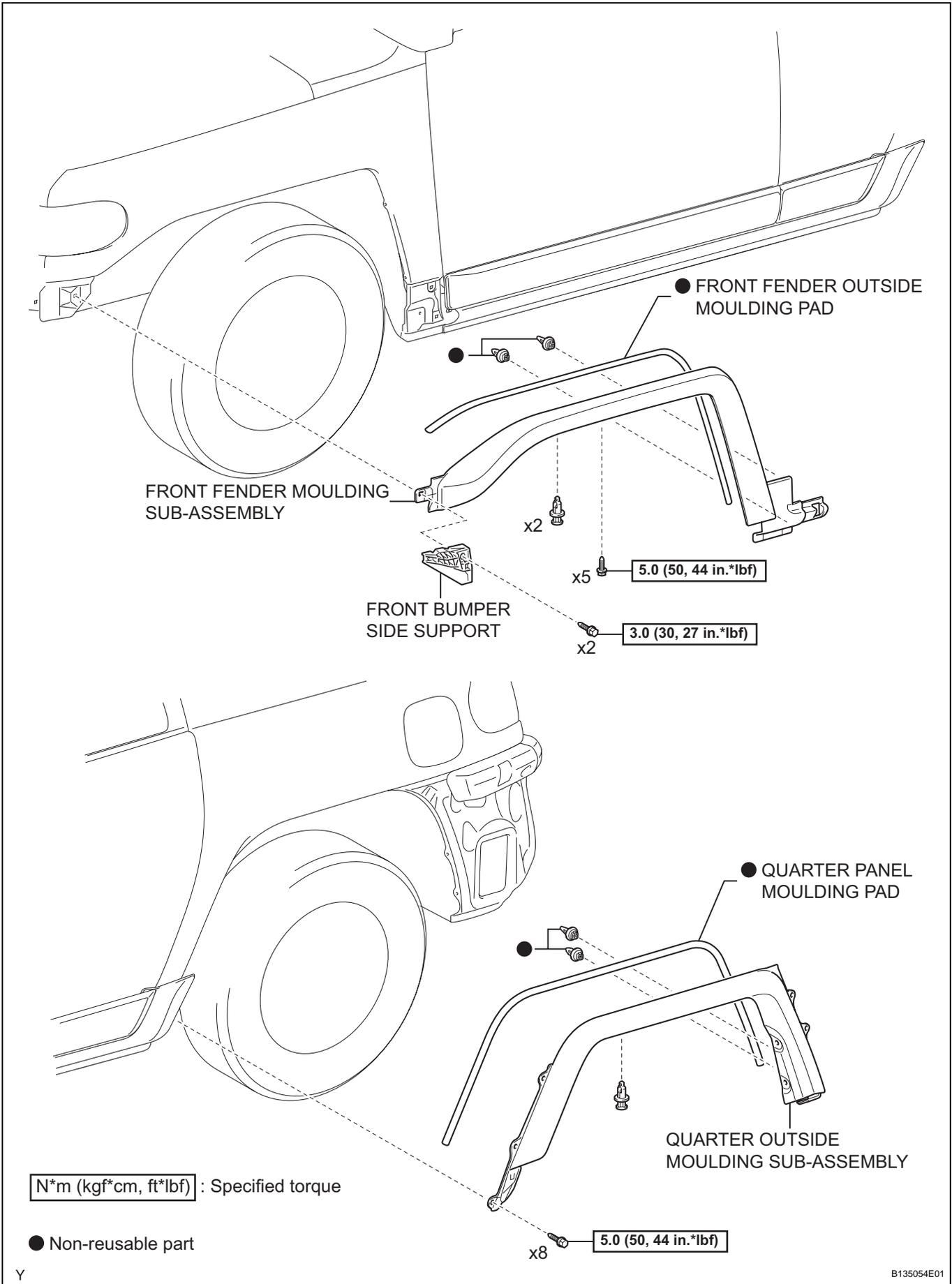
ET

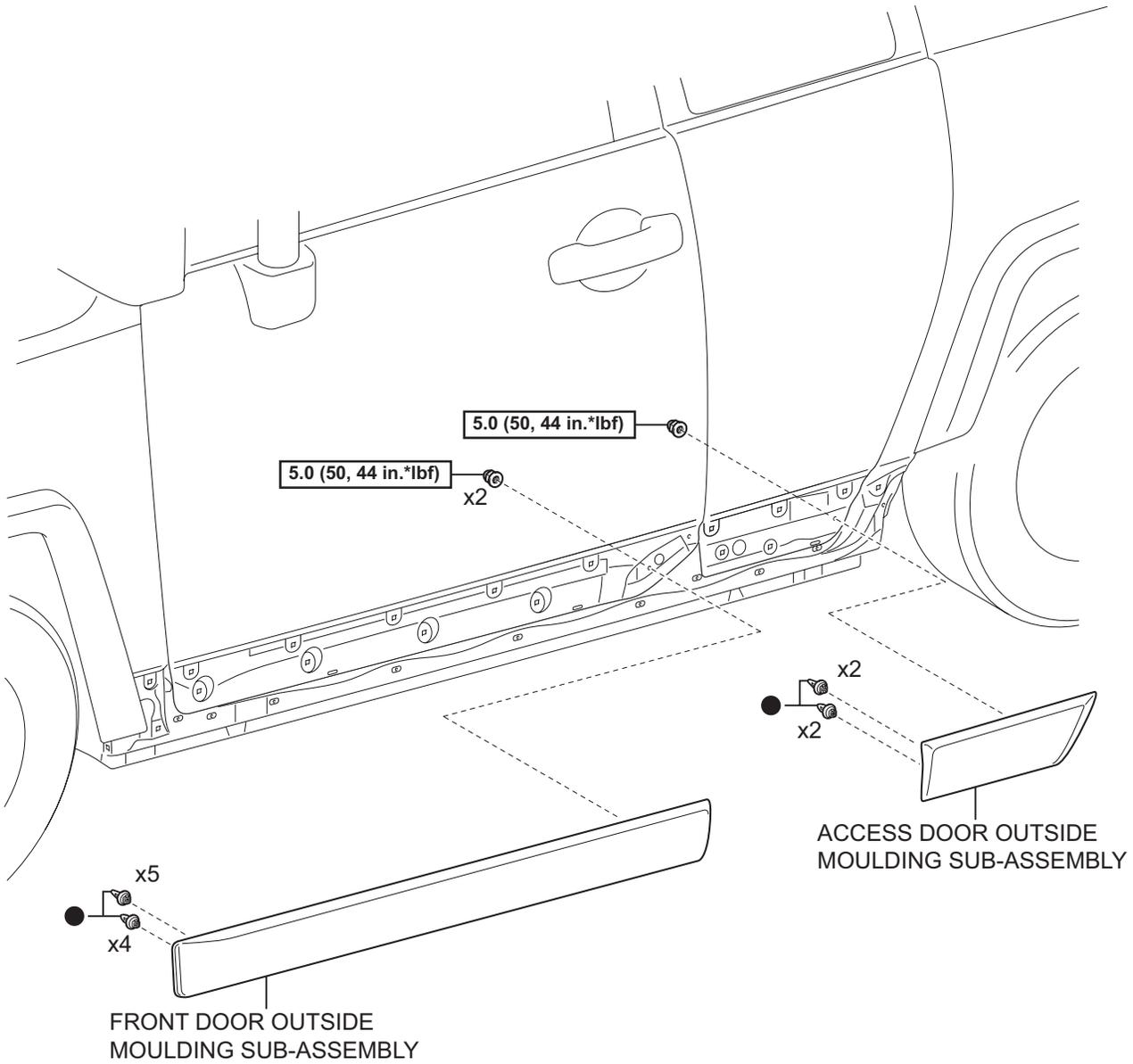


N*m (kgf*cm, ft*lbf) : Specified torque

● Non-reusable part

ET

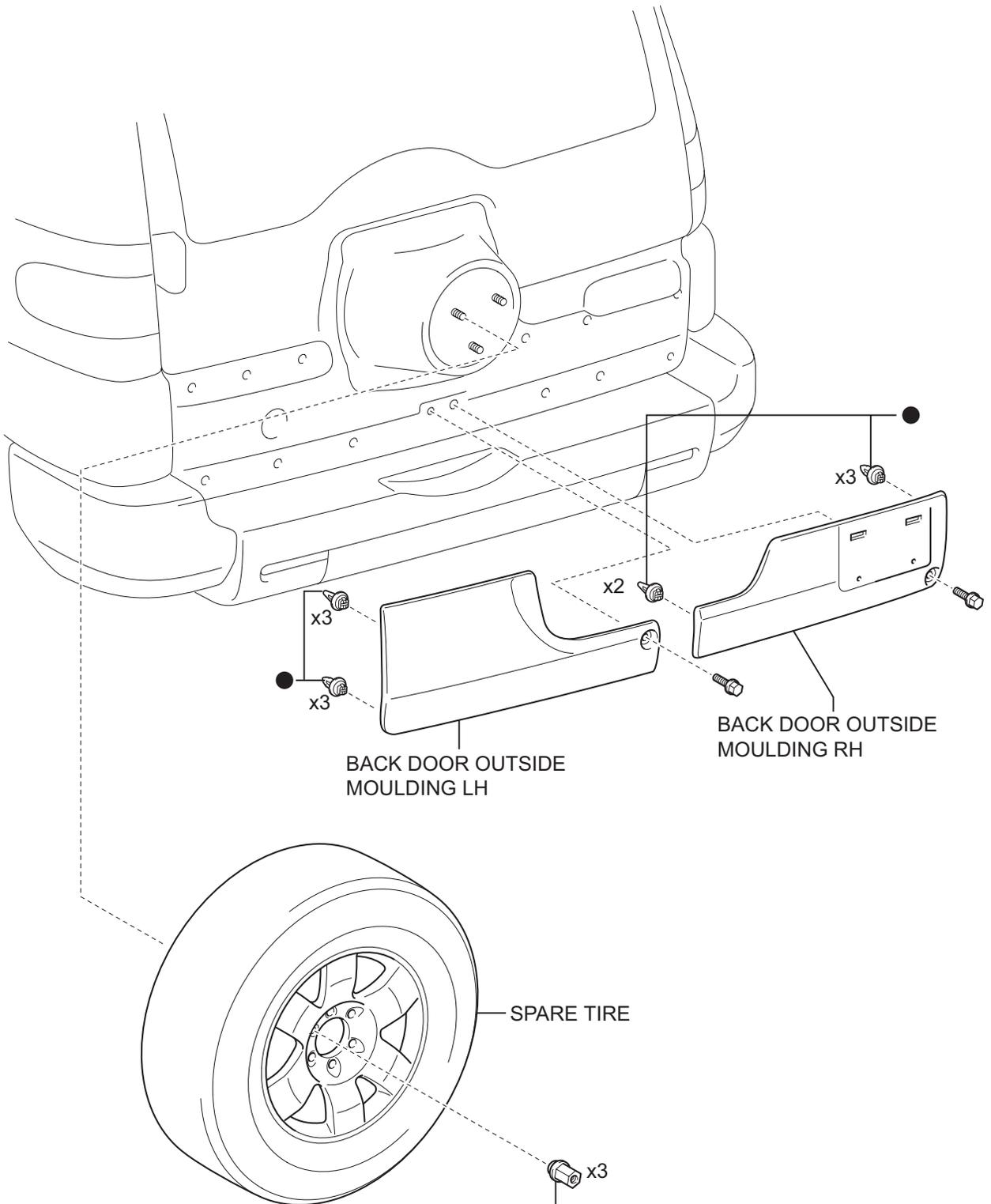




$\boxed{N^*m (kgf^*cm, ft^*lbf)}$: Specified torque

● Non-reusable part

ET



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

● Non-reusable part

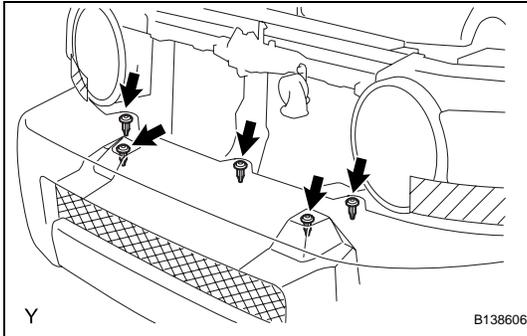
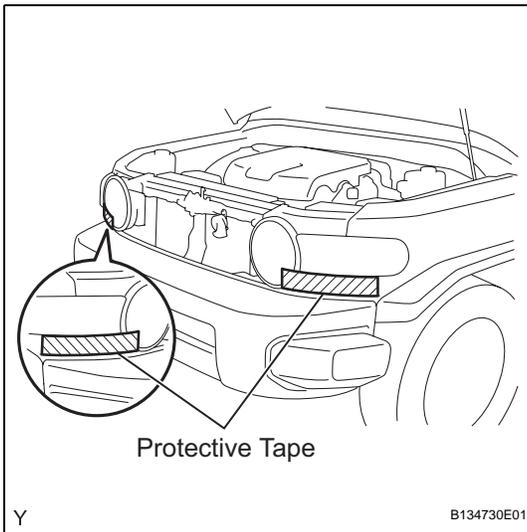
ET

REMOVAL

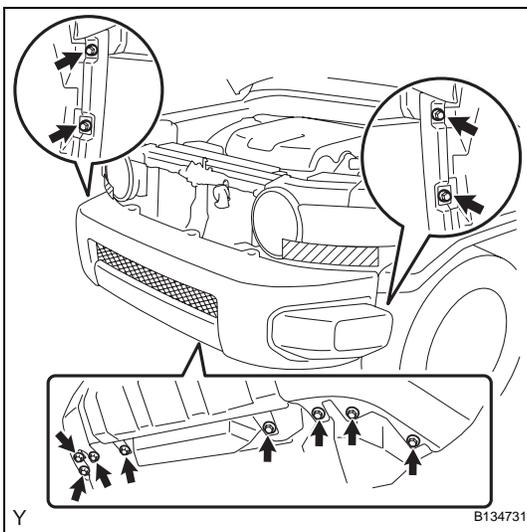
HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

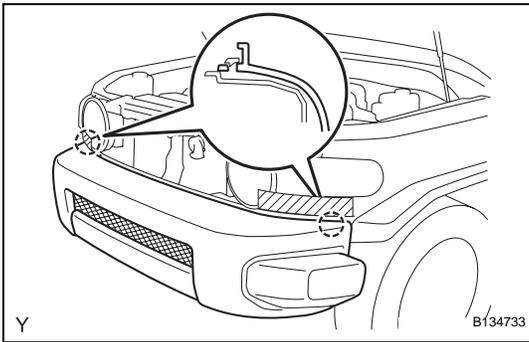
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Back Sonar)**
2. **REMOVE RADIATOR GRILLE (See page [ET-4](#))**
3. **REMOVE FRONT BUMPER COVER**
 - (a) Apply protective tape as shown in the illustration.



- (b) Using a clip remover, remove the 5 clips.

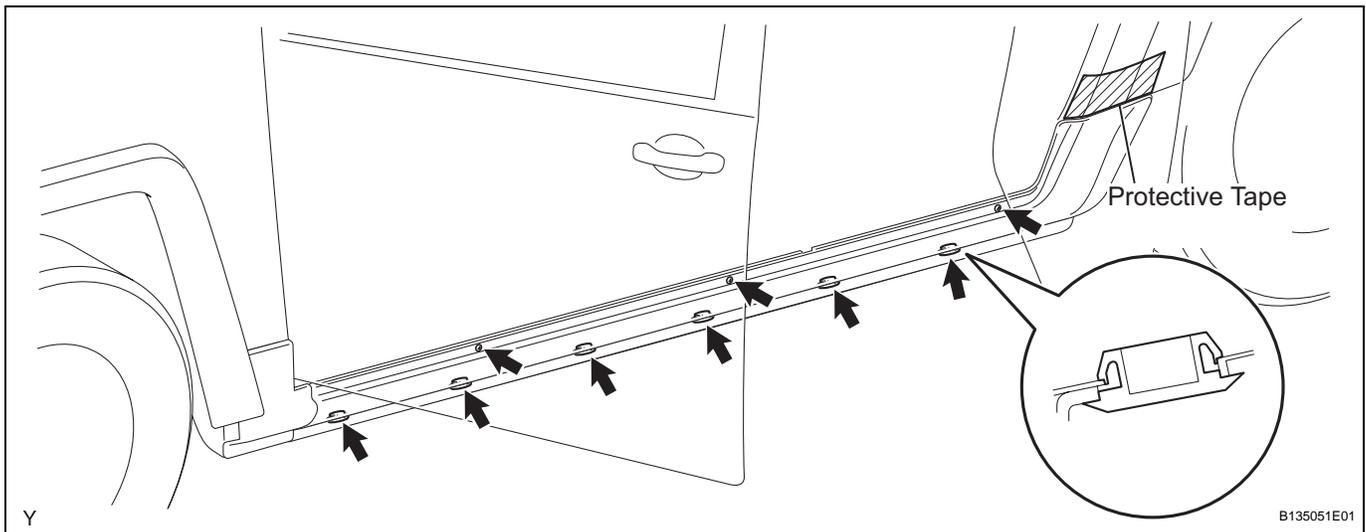


- (c) Remove the 8 screws and the 4 bolts.

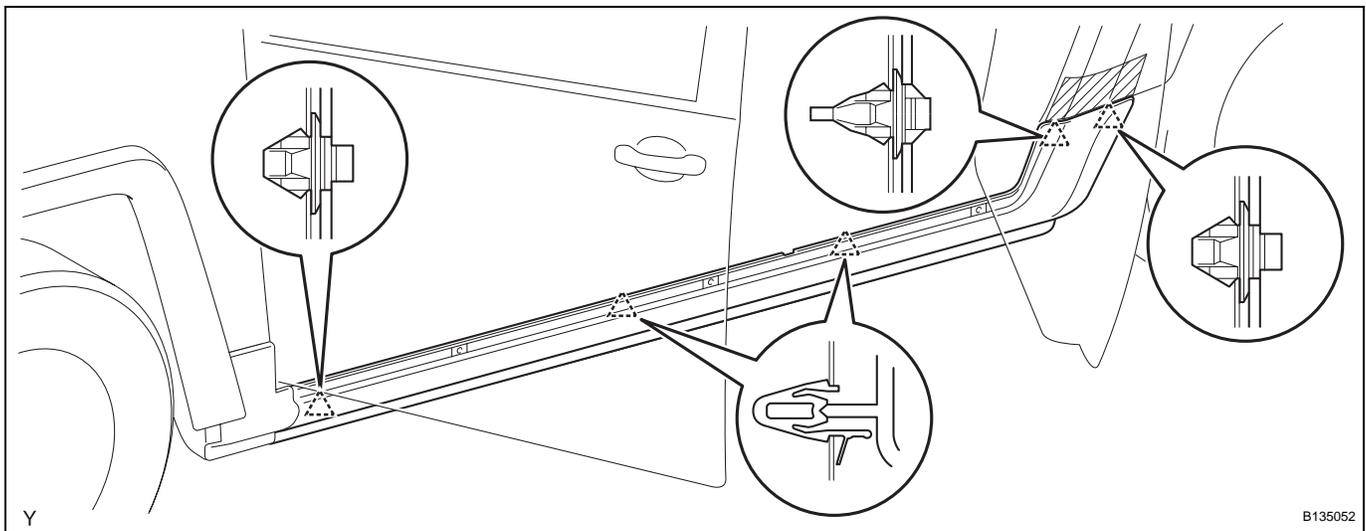


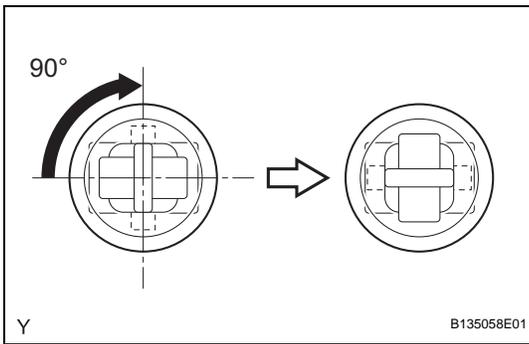
(d) Disengage the 2 claws and remove the front bumper cover.

4. REMOVE REAR BUMPER COVER (See page [ET-17](#))
5. REMOVE FRONT FENDER MUDGUARD (See page [ET-83](#))
6. REMOVE QUARTER PANEL MUDGUARD (See page [ET-83](#))
7. REMOVE FRONT BUMPER SIDE SUPPORT (See page [ET-5](#))
8. REMOVE SIDE STEP SUB-ASSEMBLY (w/ Side Step) (See page [ET-86](#))
9. REMOVE ROCKER PANEL MOULDING
 - (a) Apply protective tape to the quarter panel in the area around the rocker panel moulding.
 - (b) Using a clip remover, remove the 6 retainers.
 - (c) Remove the 3 screws.



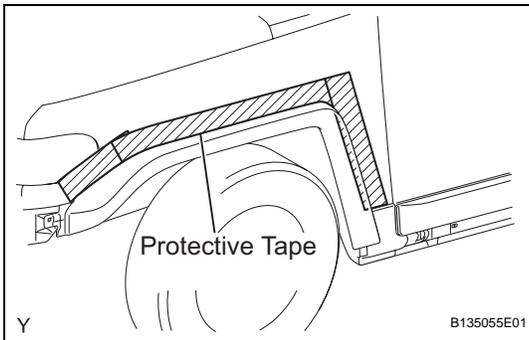
(d) Disengage the 5 clips and remove the rocker panel moulding.



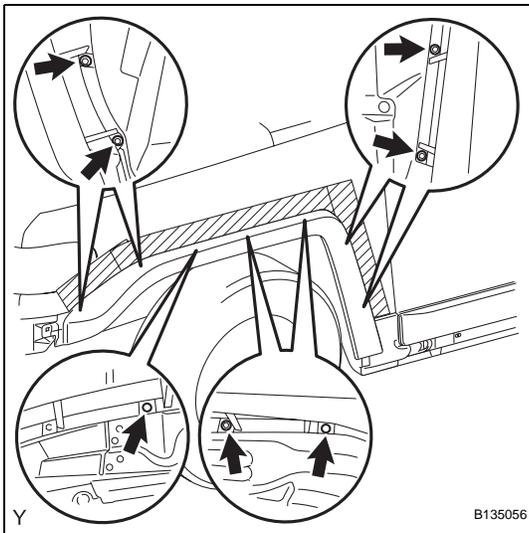


(e) Turn the clips 90° clockwise and remove them.

10. REMOVE FRONT FENDER MOULDING SUB-ASSEMBLY

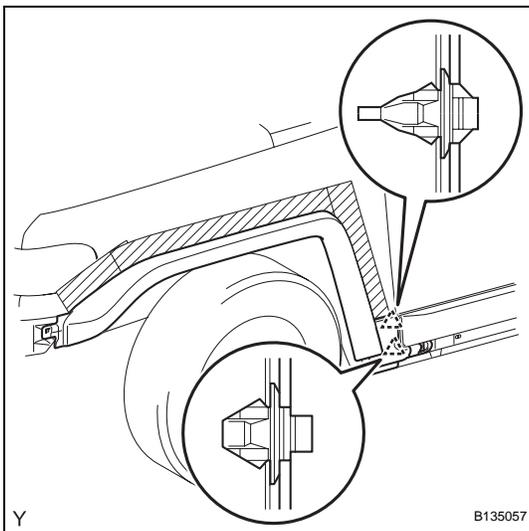


(a) Apply protective tape to the fender panel in the area around the front fender moulding.

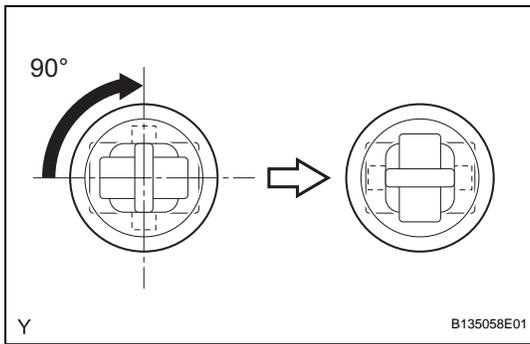


(b) Using a clip remover, remove the 2 clips.

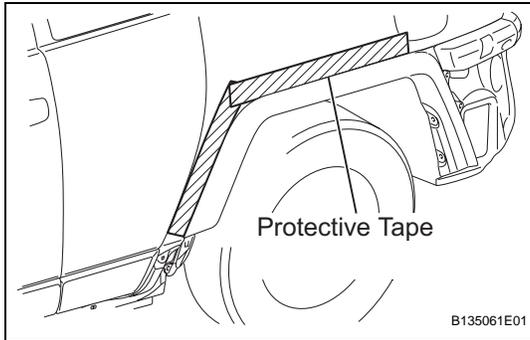
(c) Remove the 5 screws.



(d) Disengage the 2 clips and remove the front fender moulding.

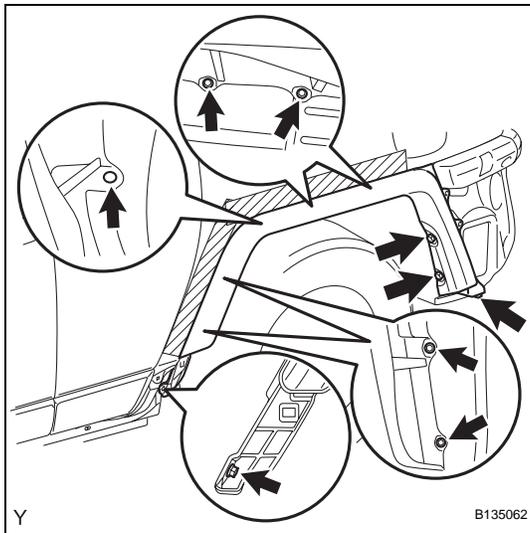


(e) Turn the clips 90° clockwise and remove them.



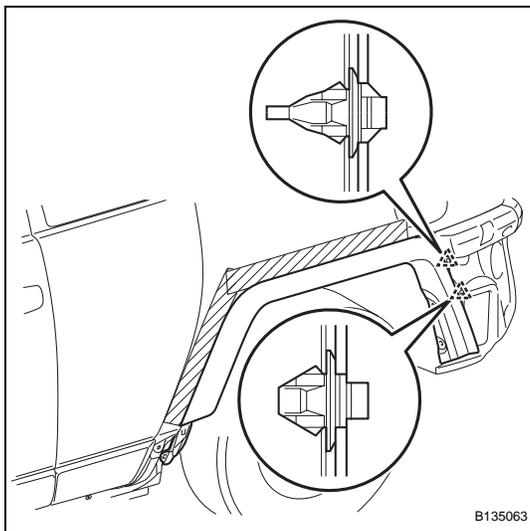
11. REMOVE QUARTER OUTSIDE MOULDING SUB-ASSEMBLY

(a) Apply protective tape to the quarter panel in the area around the quarter outside moulding.

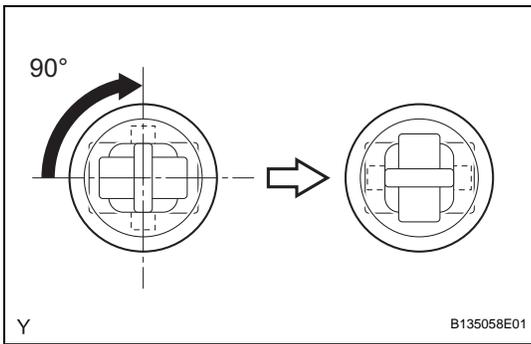


(b) Using a clip remover, remove the clip.

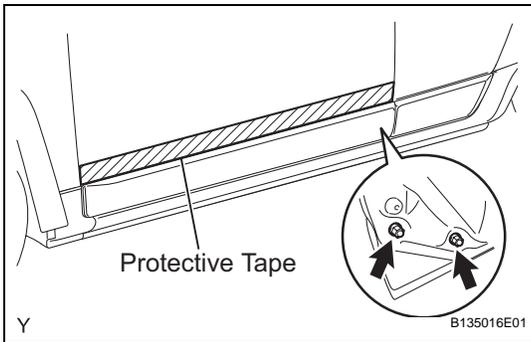
(c) Remove the 8 screws.



(d) Disengage the 2 clips and remove the quarter outside moulding.

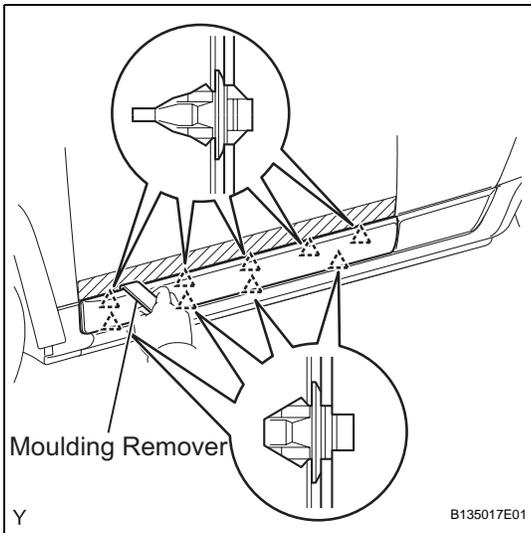


(e) Turn the clips 90° clockwise and remove them.

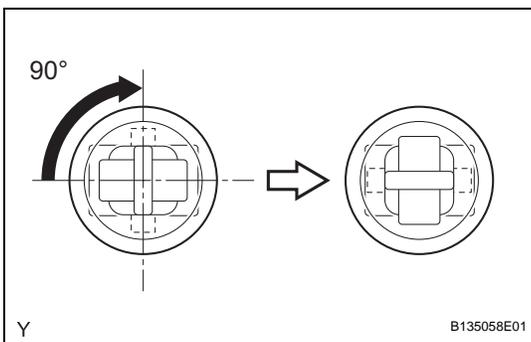


12. REMOVE FRONT DOOR OUTSIDE MOULDING SUB-ASSEMBLY

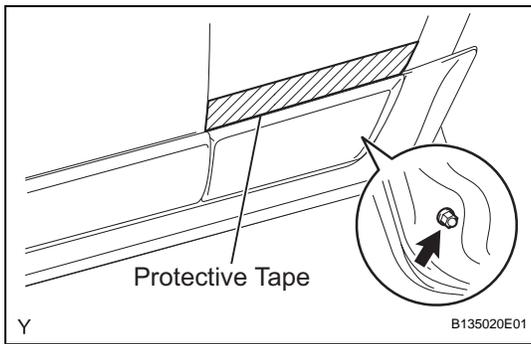
- (a) Apply protective tape to the front door panel in the area around the front door outside moulding.
- (b) Remove the 2 nuts.



(c) Using a moulding remover, disengage the 9 clips and remove the front door outside moulding.

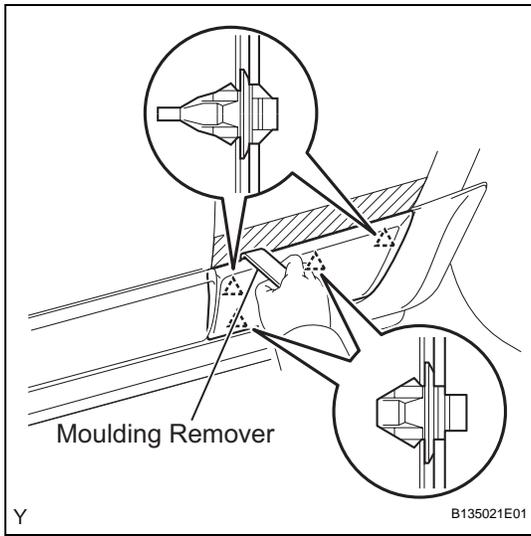


(d) Turn the clips 90° clockwise and remove them.

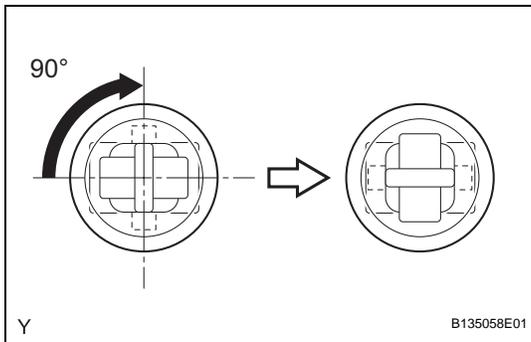


13. REMOVE ACCESS DOOR OUTSIDE MOULDING SUB-ASSEMBLY

- (a) Apply protective tape to the access door panel in the area around the access door outside moulding.
- (b) Remove the nut.

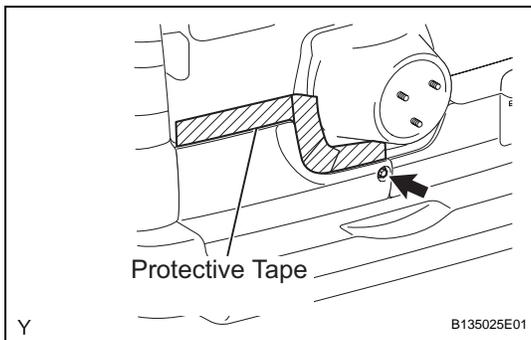


- (c) Using a moulding remover, disengage the 4 clips and remove the access door outside moulding.



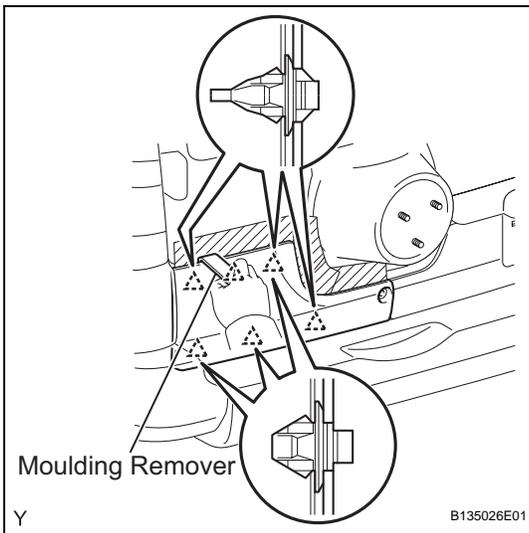
- (d) Turn the clips 90° clockwise and remove them.

14. REMOVE SPARE TIRE

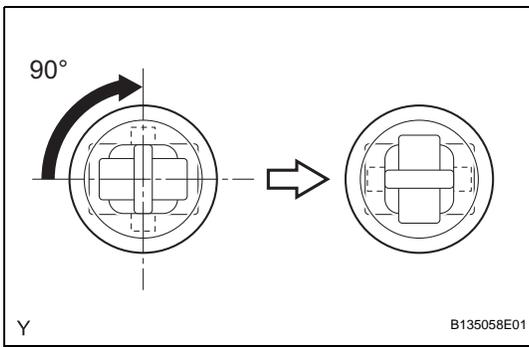


15. REMOVE BACK DOOR OUTSIDE MOULDING LH

- (a) Apply protective tape to the back door panel in the area around the back door outside moulding.
- (b) Remove the screw.

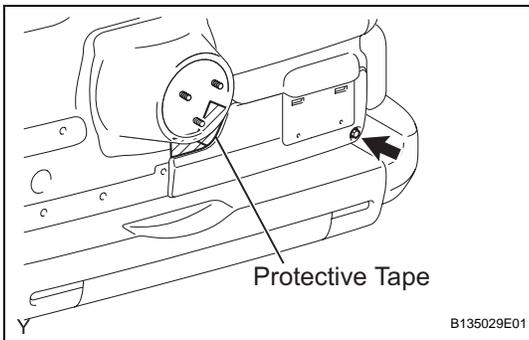


- (c) Using a moulding remover, disengage the 6 clips and remove the back door outside moulding.

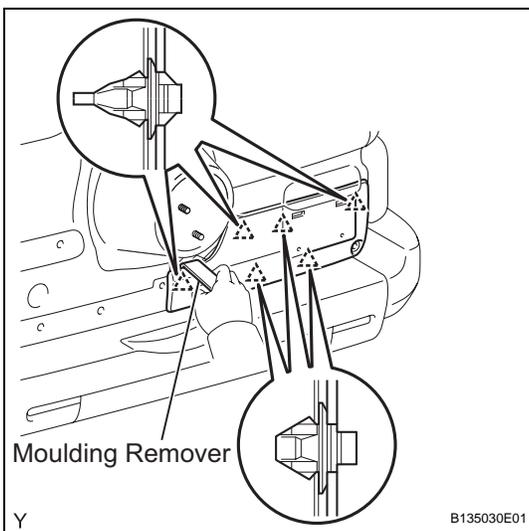


- (d) Turn the clips 90° clockwise and remove them.

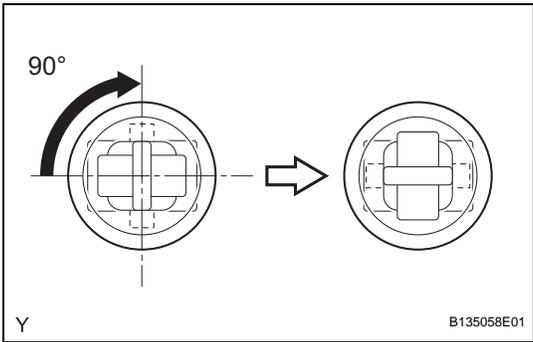
16. REMOVE BACK DOOR OUTSIDE MOULDING RH



- (a) Apply protective tape to the back door panel in the area around the back door outside moulding.
- (b) Remove the screw.



- (c) Using a moulding remover, disengage the 6 clips and remove the back door outside moulding.



(d) Turn the clips 90° clockwise and remove them.

INSTALLATION

HINT:

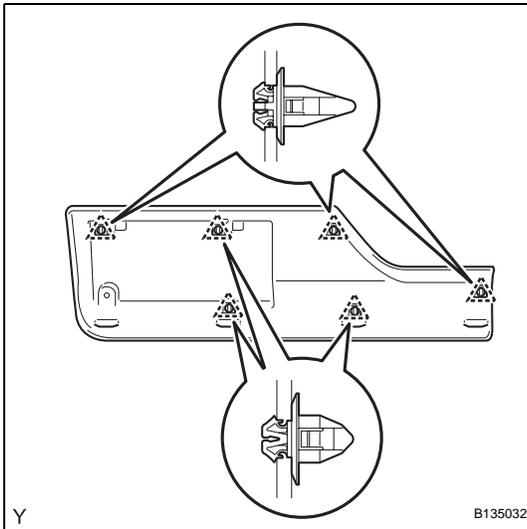
The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. INSTALL BACK DOOR OUTSIDE MOULDING RH

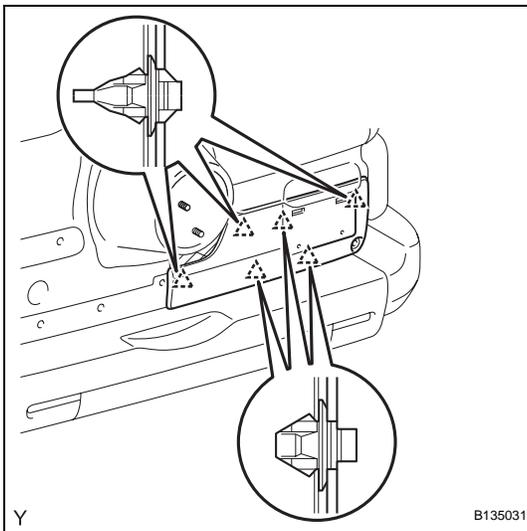
- (a) Install 6 new clips in the positions shown in the illustration.

NOTICE:

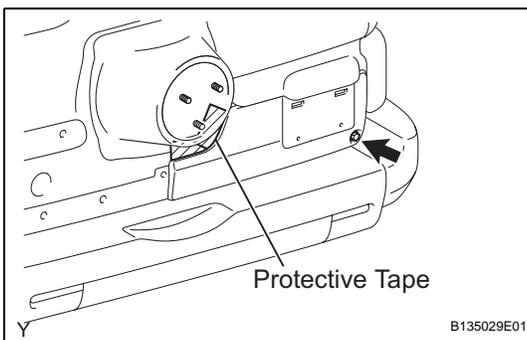
If you install the clips wrongly, the installation of the back door outside moulding will be improper.

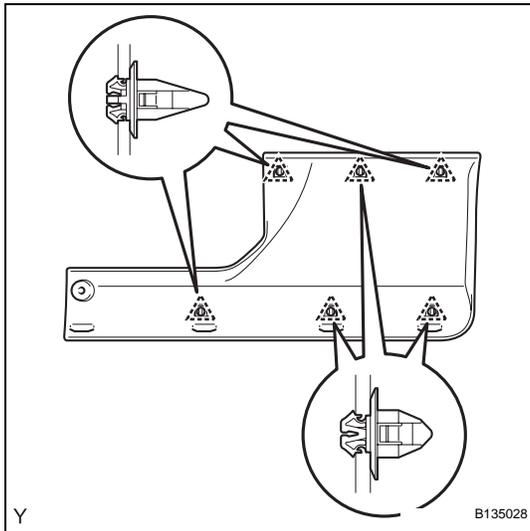


- (b) Engage the 6 clips and install the back door outside moulding.



- (c) Tighten the screw.
(d) Remove the protective tape.



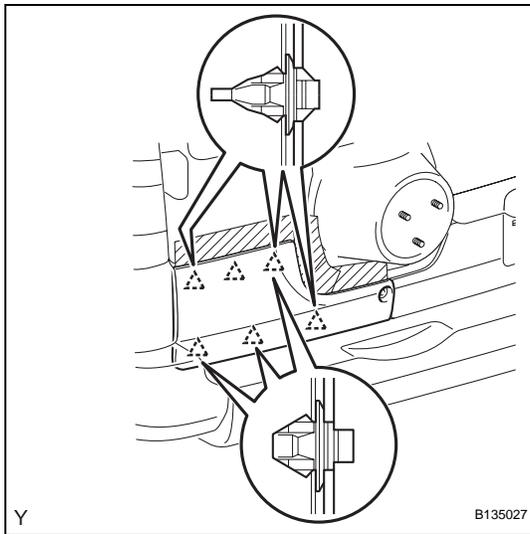


2. INSTALL BACK DOOR OUTSIDE MOULDING LH

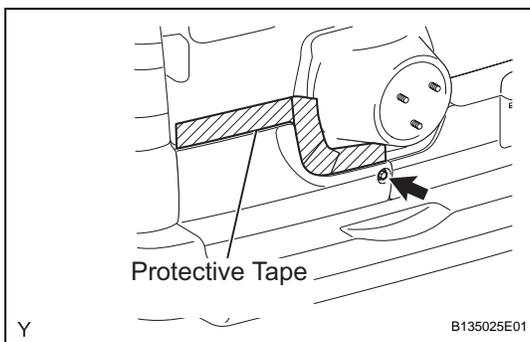
- (a) Install 6 new clips in the positions shown in the illustration.

NOTICE:

If you install the clips wrongly, the installation of the back door outside moulding will be improper.



- (b) Engage the 6 clips and install the back door outside moulding.

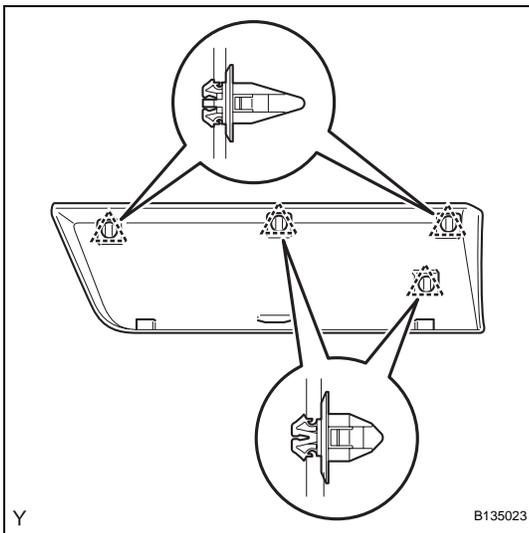


- (c) Tighten the screw.

- (d) Remove the protective tape.

3. INSTALL SPARE TIRE

Torque: 88 N*m (897 kgf*cm, 65 ft.*lbf)

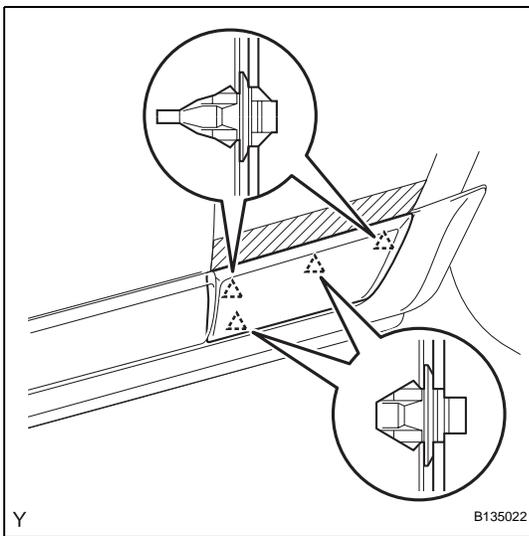


4. INSTALL ACCESS DOOR OUTSIDE MOULDING SUB-ASSEMBLY

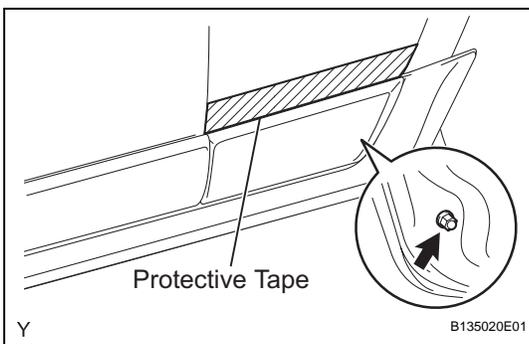
- (a) Install 4 new clips in the positions shown in the illustration.

NOTICE:

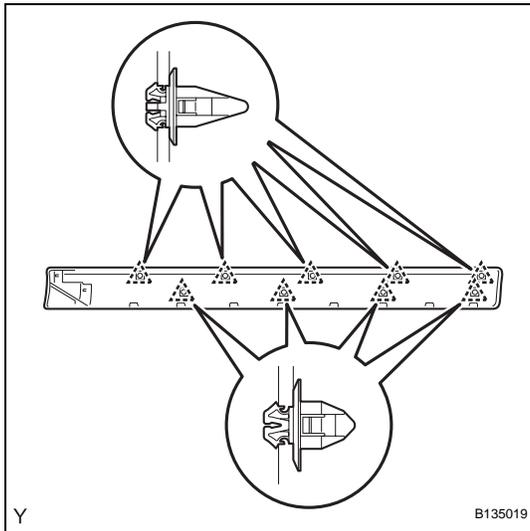
If you install the clips wrongly, the installation of the access door outside moulding will be improper.



- (b) Engage the 4 clips and install the access door outside moulding.



- (c) Tighten the nut.
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)
- (d) Remove the protective tape.

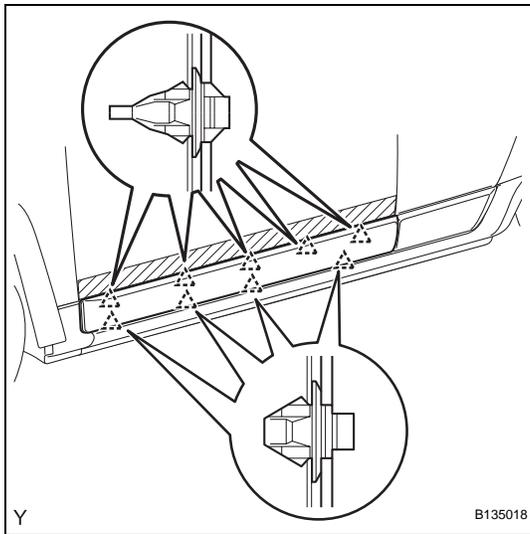


5. INSTALL FRONT DOOR OUTSIDE MOULDING SUB-ASSEMBLY

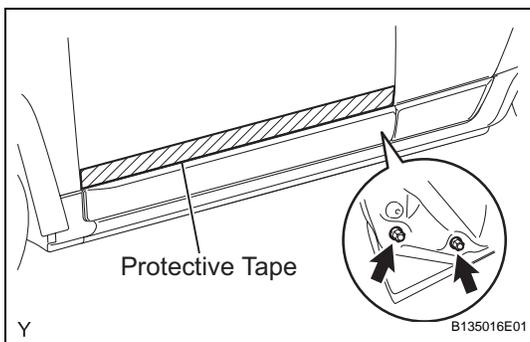
- (a) Install 9 new clips in the positions shown in the illustration.

NOTICE:

If you install the clips wrongly, the installation of the rear door outside moulding will be improper.



- (b) Engage the 9 clips and install the front door outside moulding.



- (c) Tighten the 2 nuts.

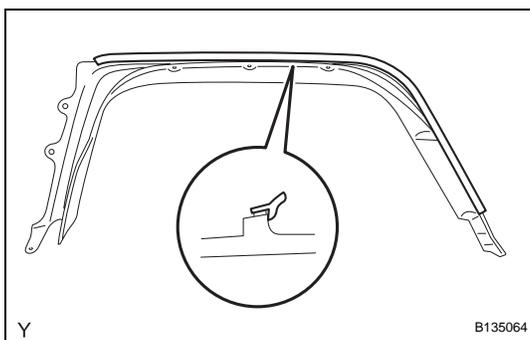
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)

- (d) Remove the protective tape.

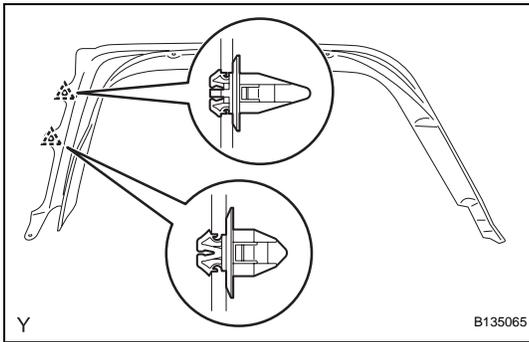
6. INSTALL QUARTER PANEL MOULDING PAD

HINT:

Only follow this procedure when replacing the quarter outside moulding pad.



- (a) Install a new quarter outside moulding pad in the position shown in the illustration.

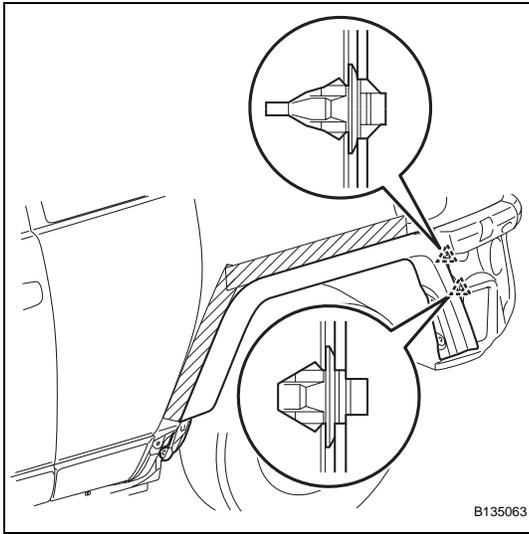


7. INSTALL QUARTER OUTSIDE MOULDING SUB-ASSEMBLY

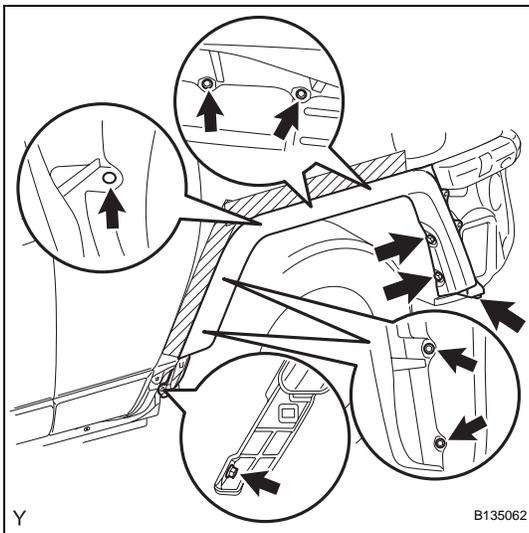
- (a) Install 2 new clips in the positions shown in the illustration.

NOTICE:

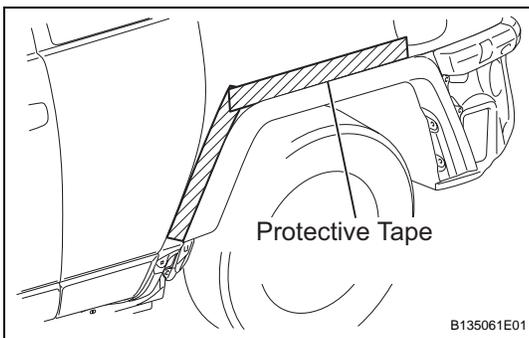
If you install the clips wrongly, the installation of the quarter outside moulding will be improper.



- (b) Engage the 2 clips and install the quarter outside moulding.



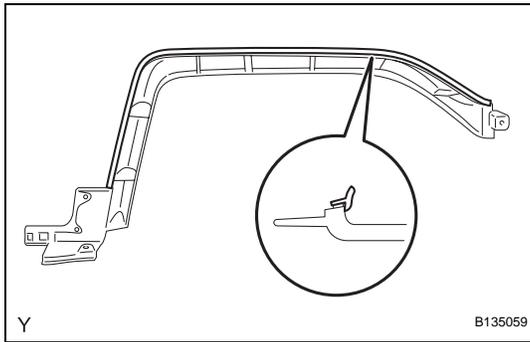
- (c) Tighten the 8 screws
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)
- (d) Install the clip.



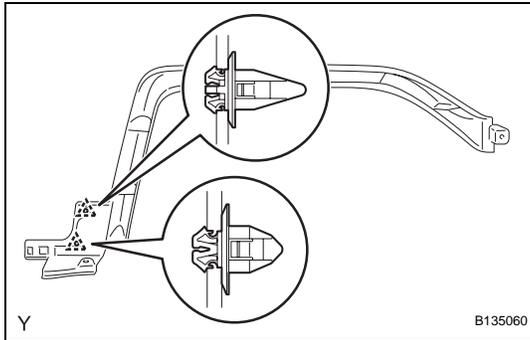
8. INSTALL FRONT FENDER OUTSIDE MOULDING PAD

HINT:

Only follow this procedure when replacing the front wheel opening extension pad.



- (a) Install a new front wheel opening extension pad in the position shown in the illustration.

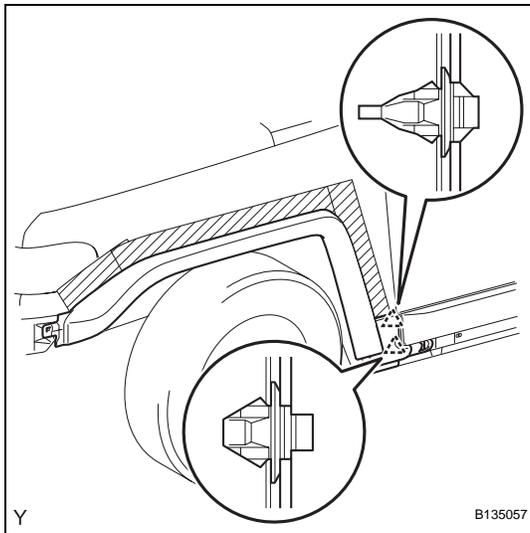


9. INSTALL FRONT FENDER MOULDING SUB-ASSEMBLY

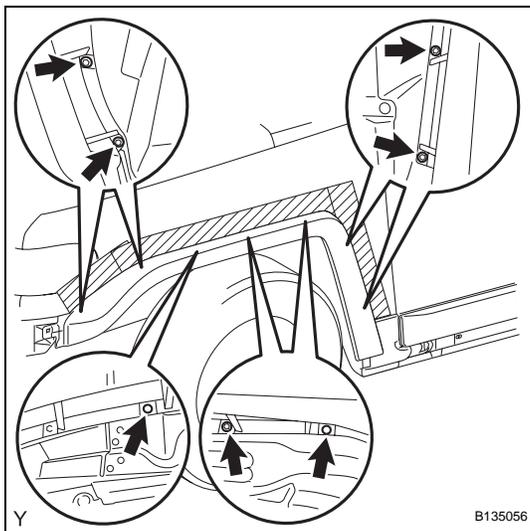
- (a) Install 2 new clips in the positions shown in the illustration.

NOTICE:

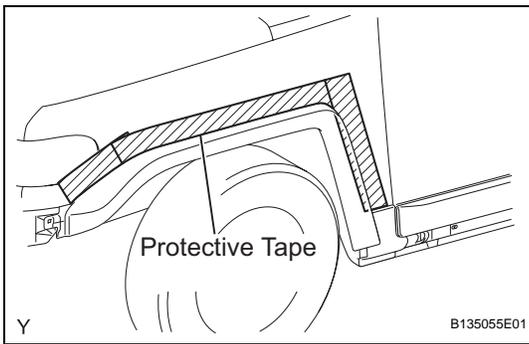
If you install the clips wrongly, the installation of the front fender moulding will be improper.



- (b) Engage the 2 clips and install the front fender moulding.



- (c) Tighten the 5 screws.
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)
- (d) Install the 2 clips

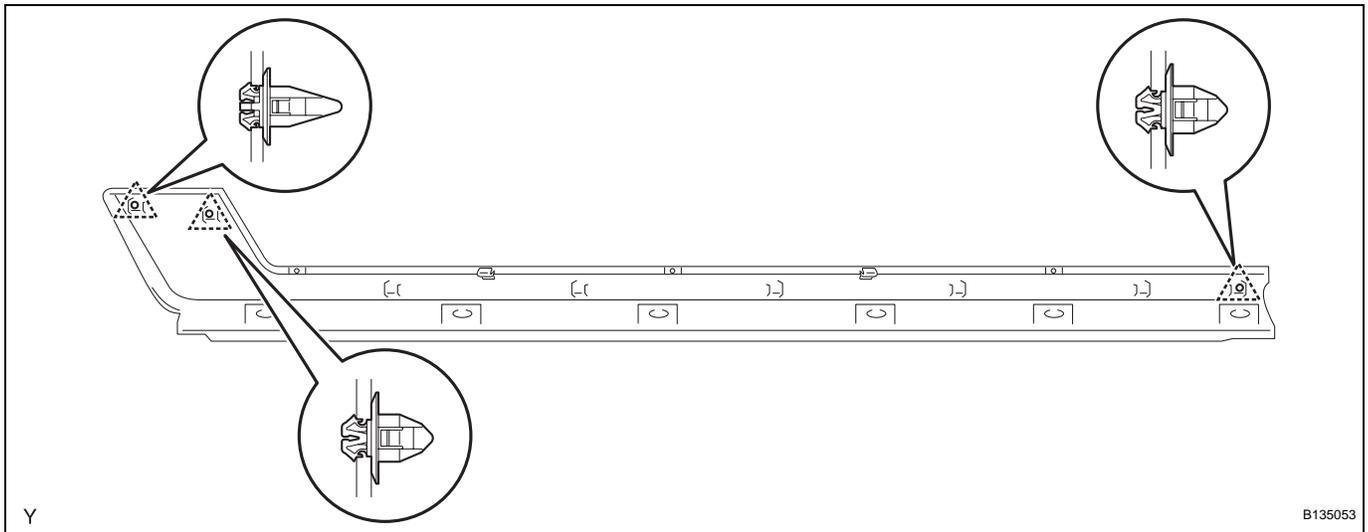


(e) Remove the protective tape.

10. INSTALL FRONT BUMPER SIDE SUPPORT (See page ET-9)

11. INSTALL ROCKER PANEL MOULDING

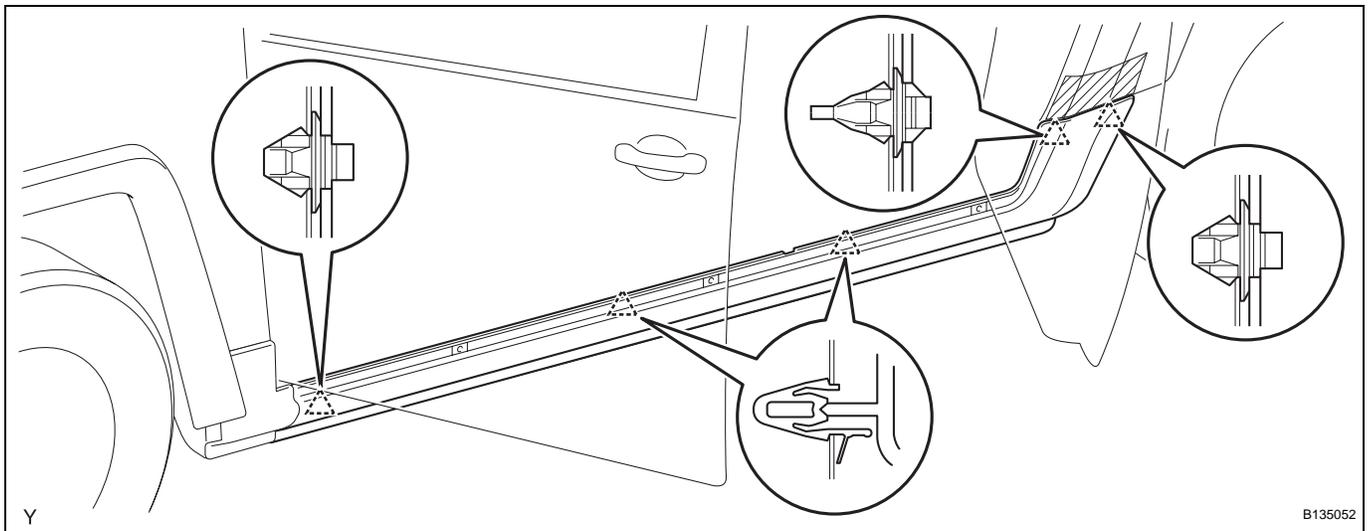
(a) Install 3 clips in the positions shown in the illustration.



NOTICE:

If you install the clips wrongly, the installation of the rocker panel moulding will be improper.

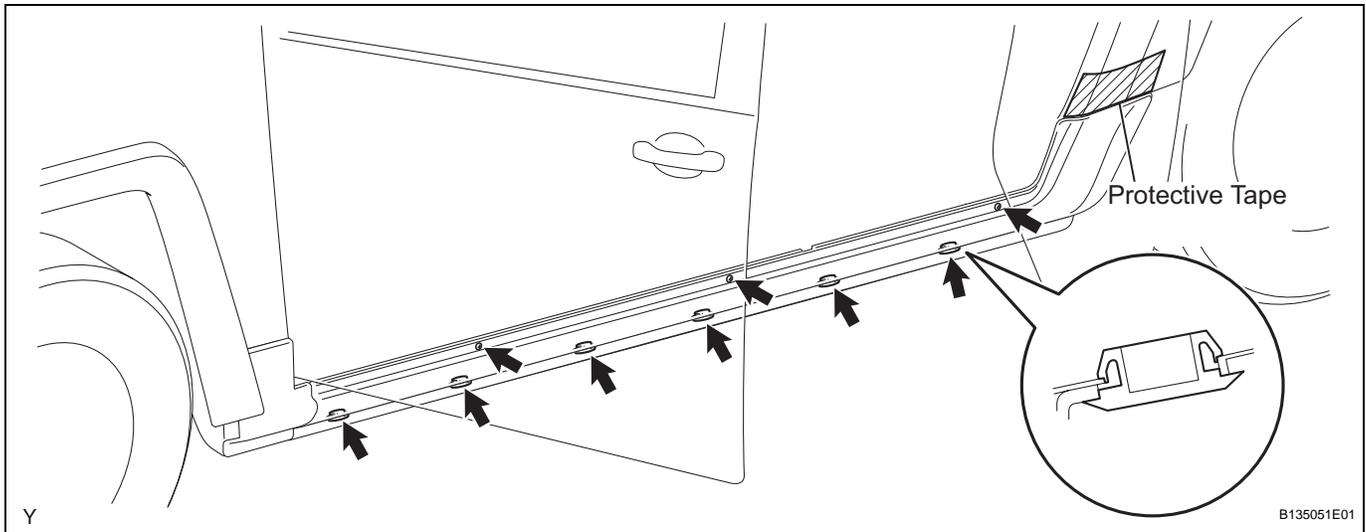
(b) Engage the 5 clips and install the rocker panel moulding.



(c) Tighten the 3 screws.

Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)

(d) Install the 6 retainers.



12. INSTALL SIDE STEP SUB-ASSEMBLY (See page [ET-87](#))

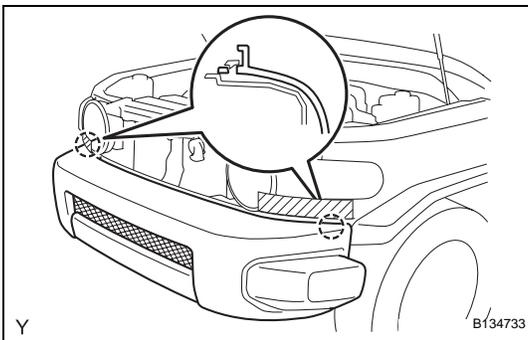
13. INSTALL QUARTER PANEL MUDGUARD (See page [ET-83](#))

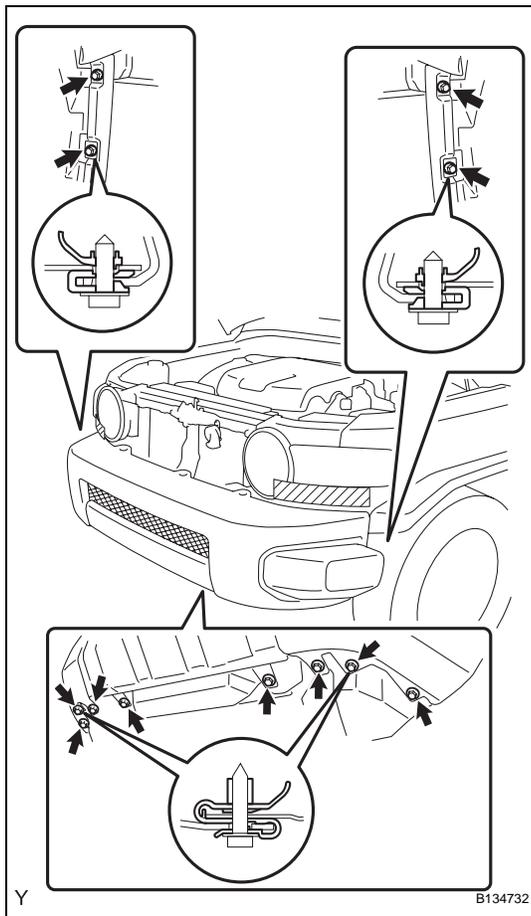
14. INSTALL FRONT FENDER MUDGUARD (See page [ET-84](#))

15. INSTALL REAR BUMPER COVER (See page [ET-25](#))

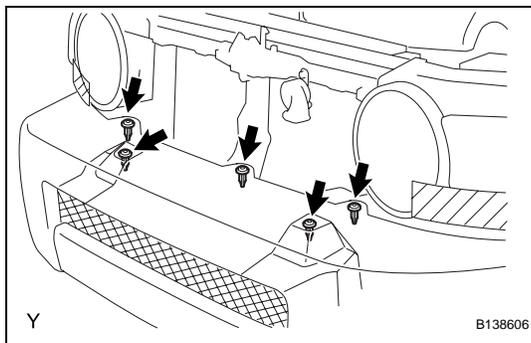
16. INSTALL FRONT BUMPER COVER

(a) Engage the 2 claws and install the front bumper cover.

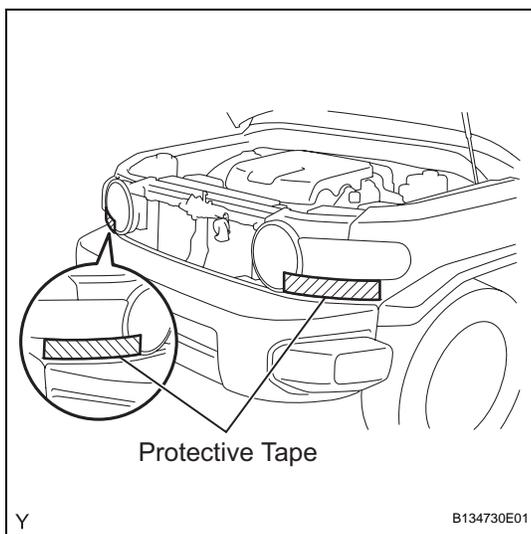




- (b) Tighten the 8 screws and the 4 bolts.
Torque: 3.0 N*m (30 kgf*cm, 27 in.*lbf) for screw
8.0 N*m (80 kgf*cm, 71 in.*lbf) for bolt



- (c) Install the 5 clips.



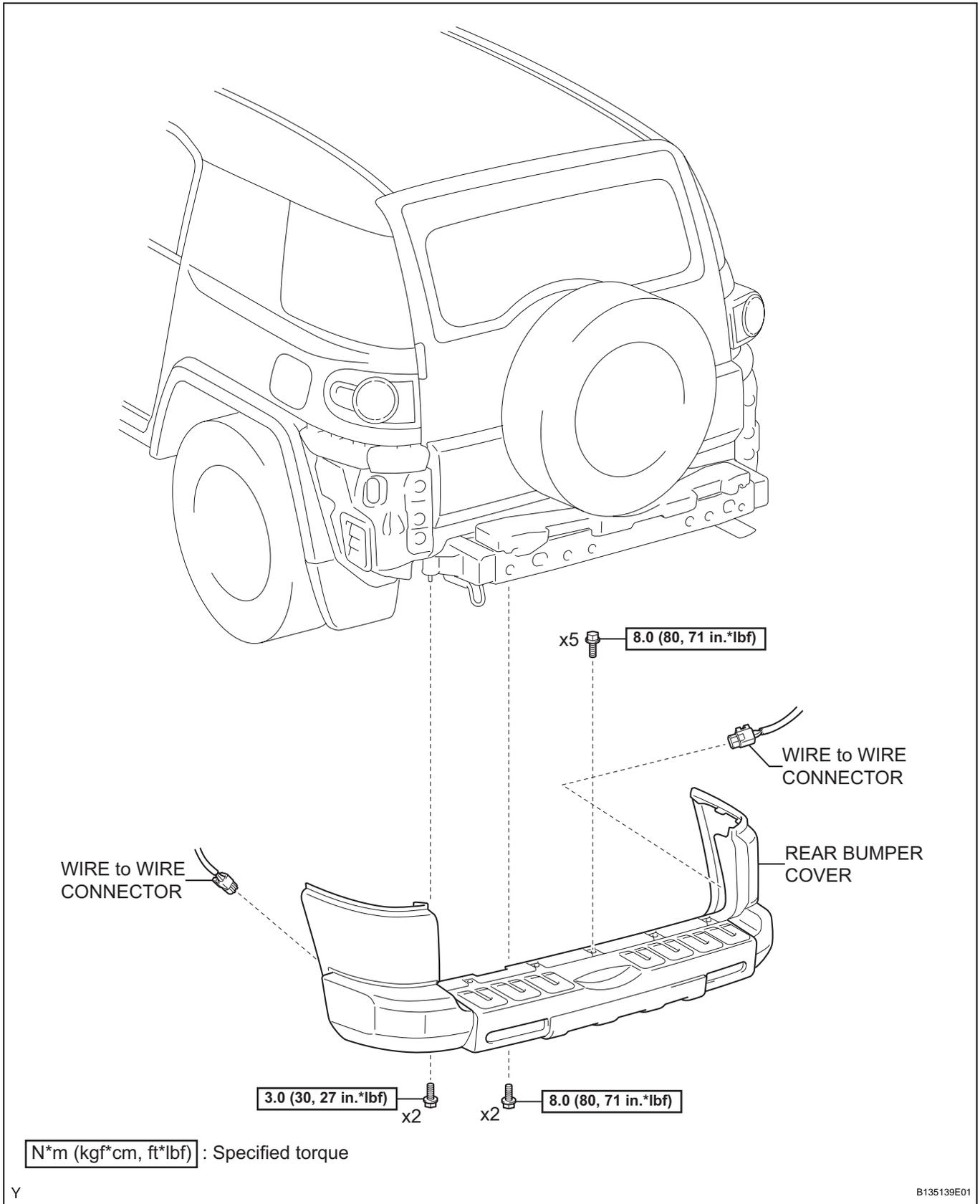
- (d) Remove the protective tape.

17. INSTALL RADIATOR GRILLE (See page [ET-11](#))

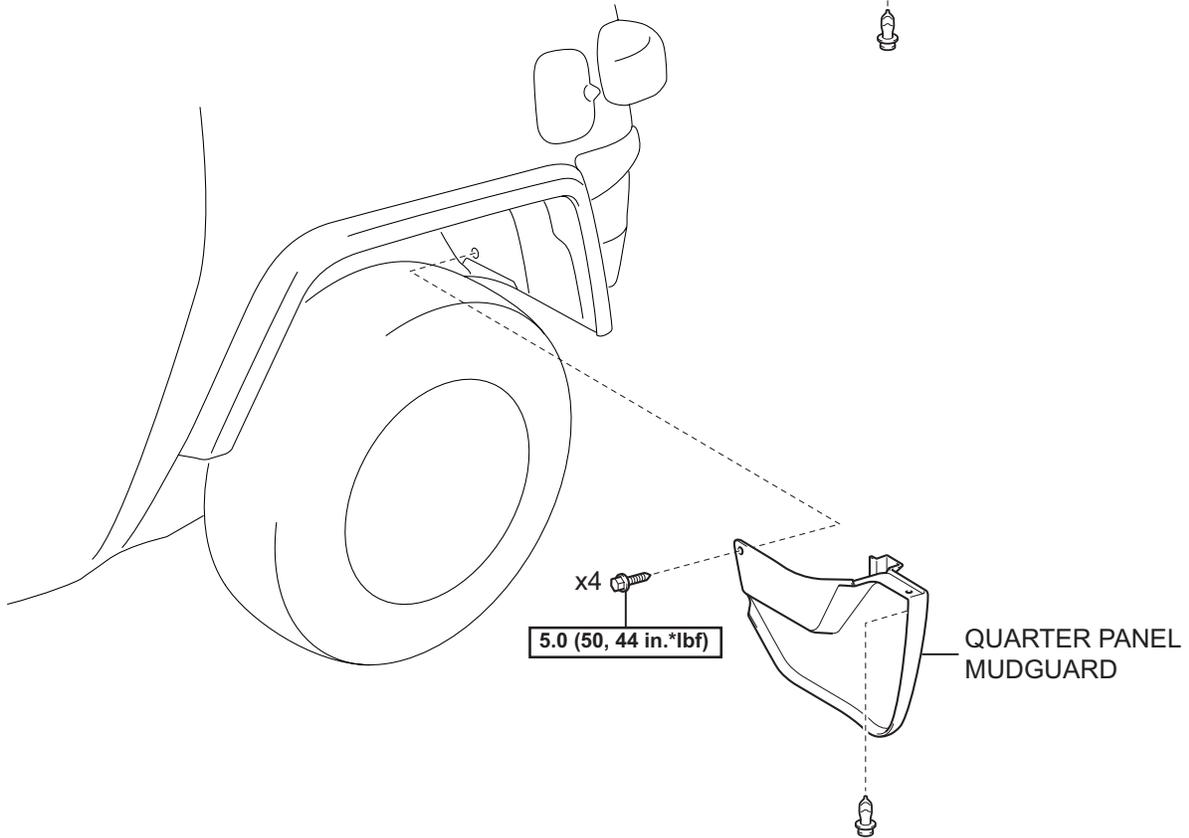
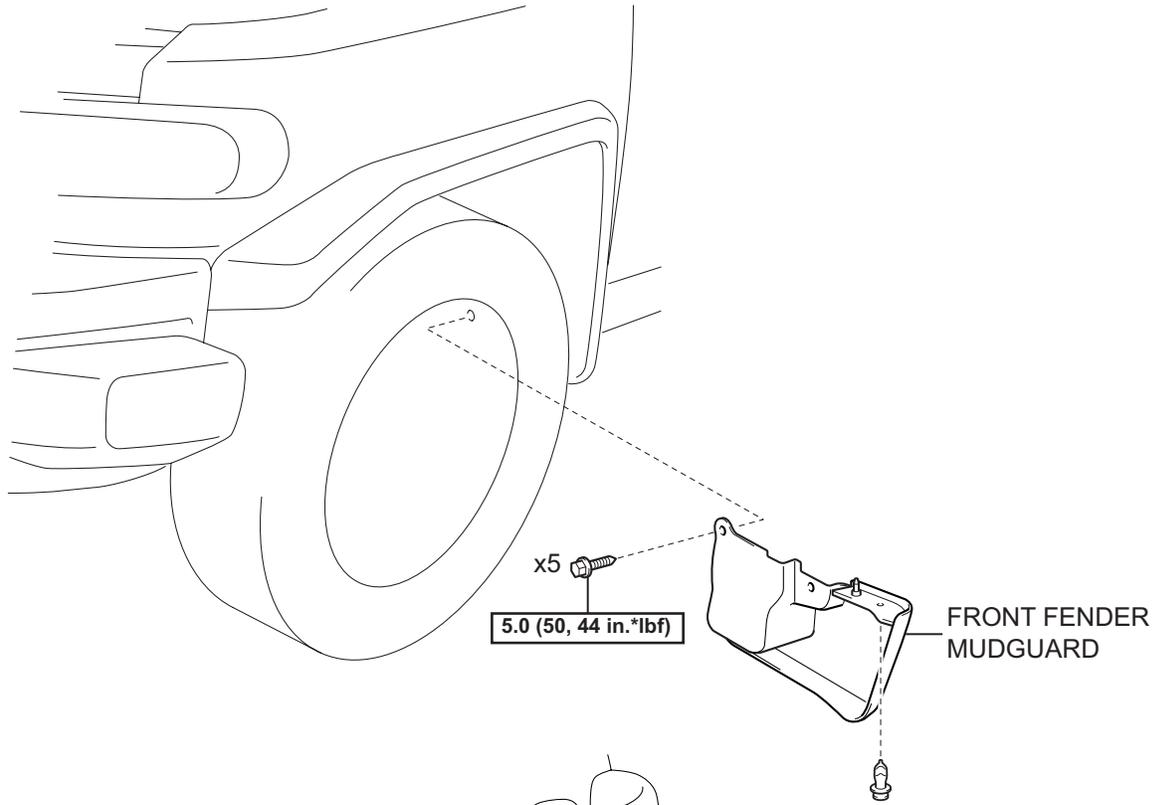
**18. CONNECT CABLE TO NEGATIVE BATTERY
 TERMINAL (w/ Back Sonar)**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

FENDER PANEL MUDGUARD

COMPONENTS



ET



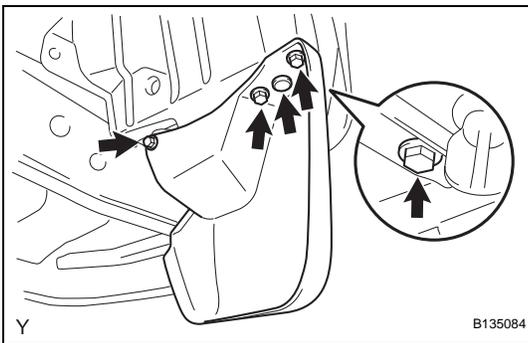
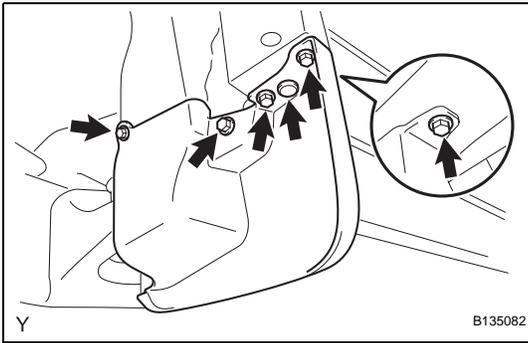
N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Back Sonar)**
2. **REMOVE REAR BUMPER COVER (See page [ET-17](#))**
3. **REMOVE FRONT FENDER MUDGUARD**
 - (a) Using a clip remover, remove the clip.
 - (b) Remove the 5 screws and the front fender mudguard.

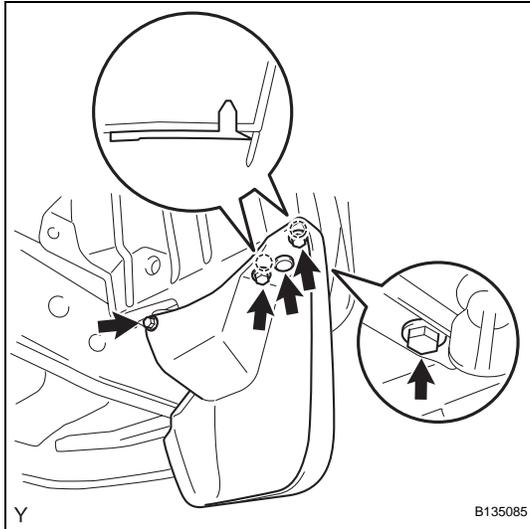


4. **REMOVE QUARTER PANEL MUDGUARD**
 - (a) Using a clip remover, remove the clip.
 - (b) Remove the 4 screws and the quarter panel mudguard.

INSTALLATION

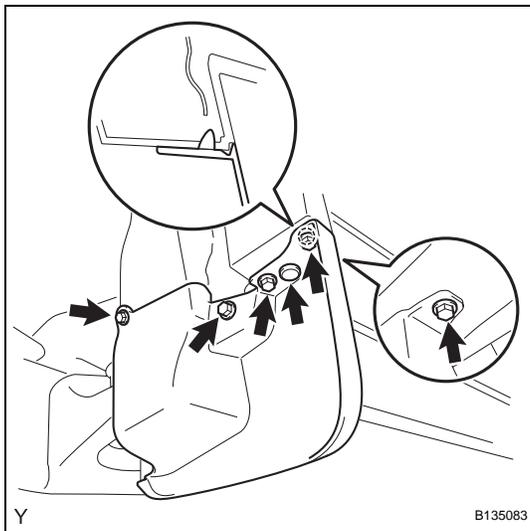
HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.



1. INSTALL QUARTER PANEL MUDGUARD

- (a) Align the 2 pins of the quarter panel mudguard with the installation hole of the quarter outside moulding.
- (b) Install the quarter panel mudguard with the 4 screws.
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)
- (c) Install the clip.



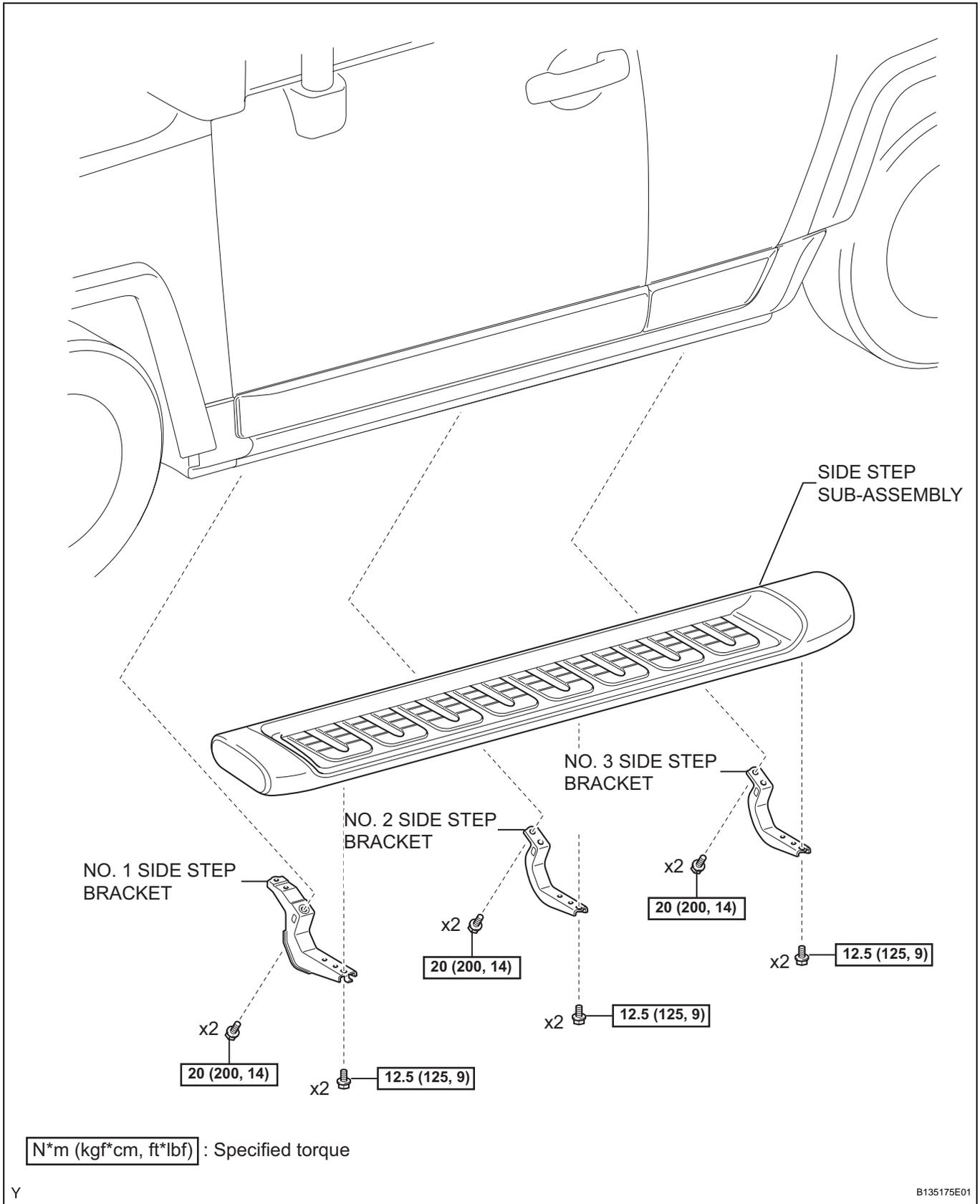
2. INSTALL FRONT FENDER MUDGUARD

- (a) Align the pin of the front fender mudguard with the installation hole of the front fender moulding.
- (b) Install the front fender mudguard with the 5 screws.
Torque: 5.0 N*m (50 kgf*cm, 44 in.*lbf)
- (c) Install the clip.

3. INSTALL REAR BUMPER COVER (See page [ET-25](#))

4. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (w/ Back Sonar)**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

SIDE STEP COMPONENTS



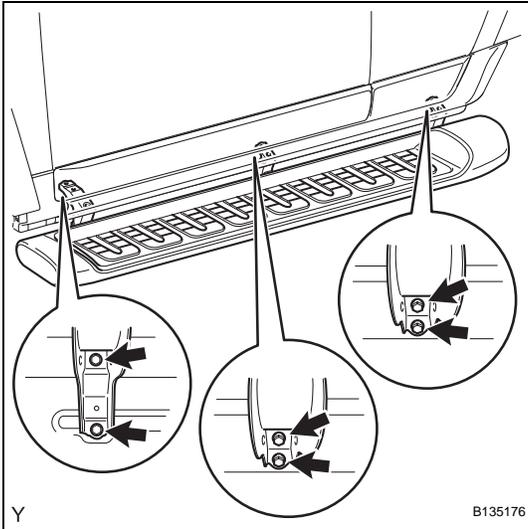
REMOVAL

HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

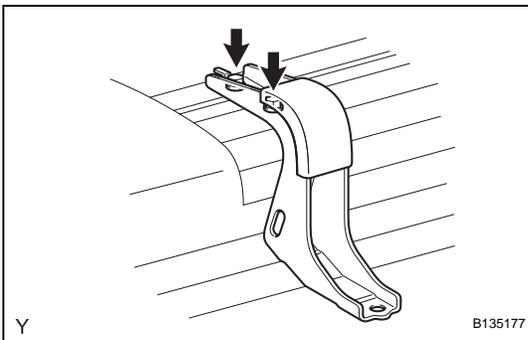
1. REMOVE SIDE STEP SUB-ASSEMBLY

- (a) Remove the 6 bolts and the side step.



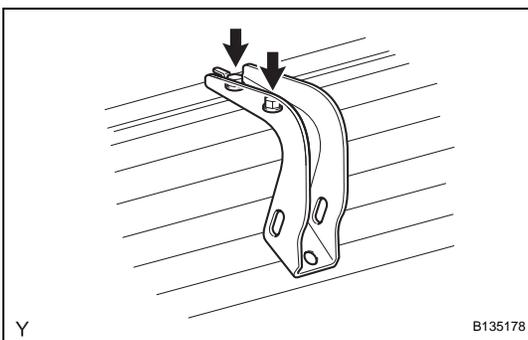
2. REMOVE NO. 1 SIDE STEP BRACKET

- (a) Remove the 2 bolts and the No. 1 side step bracket.



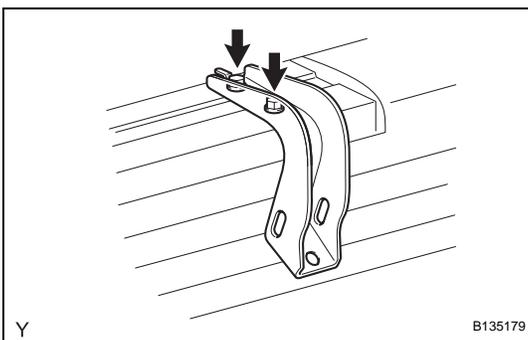
3. REMOVE NO. 2 SIDE STEP BRACKET

- (a) Remove the 2 bolts and the No. 2 side step bracket.



4. REMOVE NO. 3 SIDE STEP BRACKET

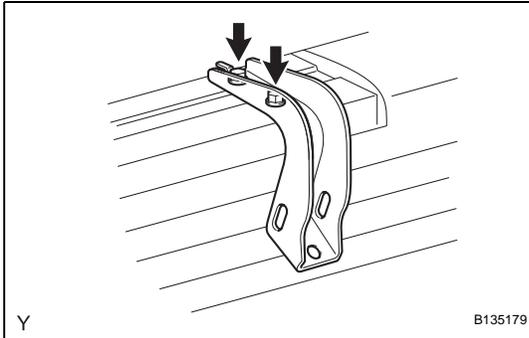
- (a) Remove the 2 bolts and the No. 3 side step bracket.



INSTALLATION

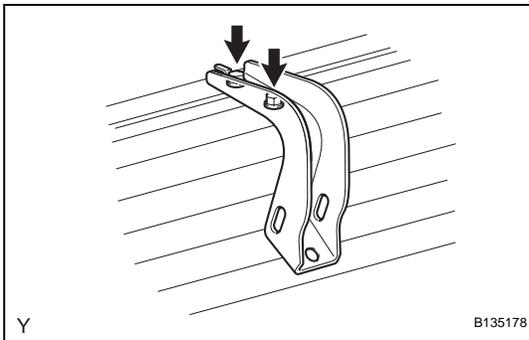
HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.



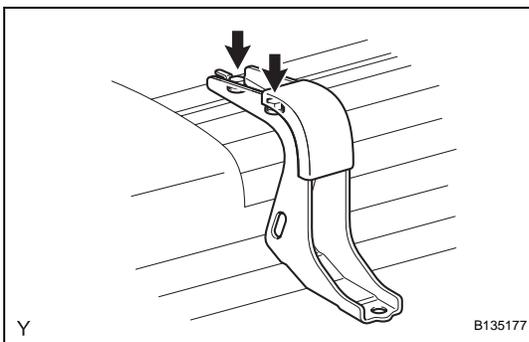
1. INSTALL NO. 3 SIDE STEP BRACKET

- (a) Install the No. 3 side step bracket with the 2 bolts.
Torque: 12.5 N*m (125 kgf*cm, 9 ft.*lbf)



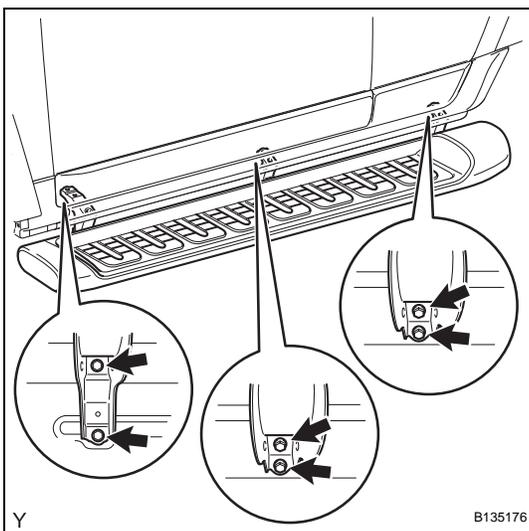
2. INSTALL NO. 2 SIDE STEP BRACKET

- (a) Install the No. 2 side step bracket with the 2 bolts.
Torque: 12.5 N*m (125 kgf*cm, 9 ft.*lbf)



3. INSTALL NO. 1 SIDE STEP BRACKET

- (a) Install the No. 1 side step bracket with the 2 bolts.
Torque: 12.5 N*m (125 kgf*cm, 9 ft.*lbf)

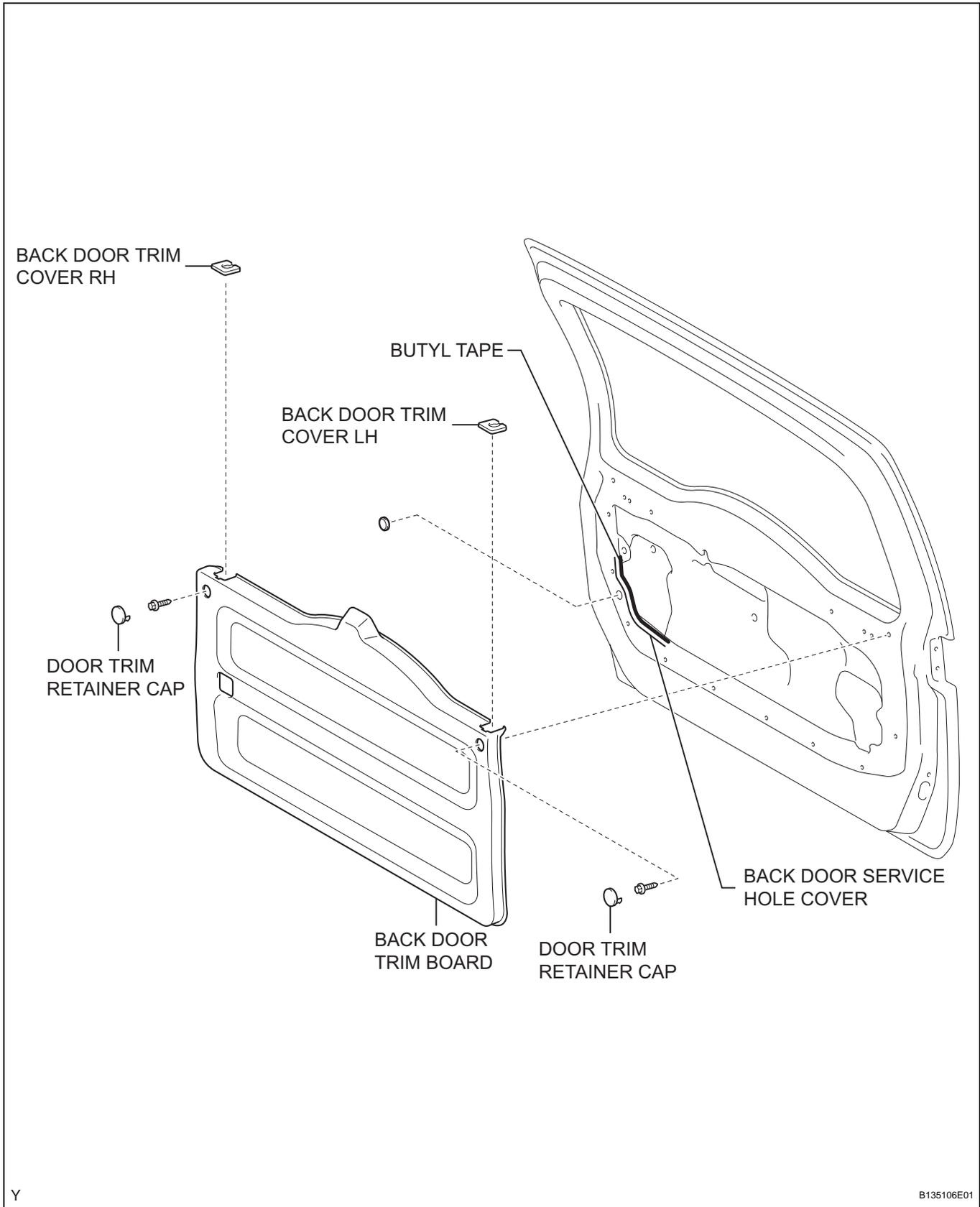


4. INSTALL SIDE STEP SUB-ASSEMBLY

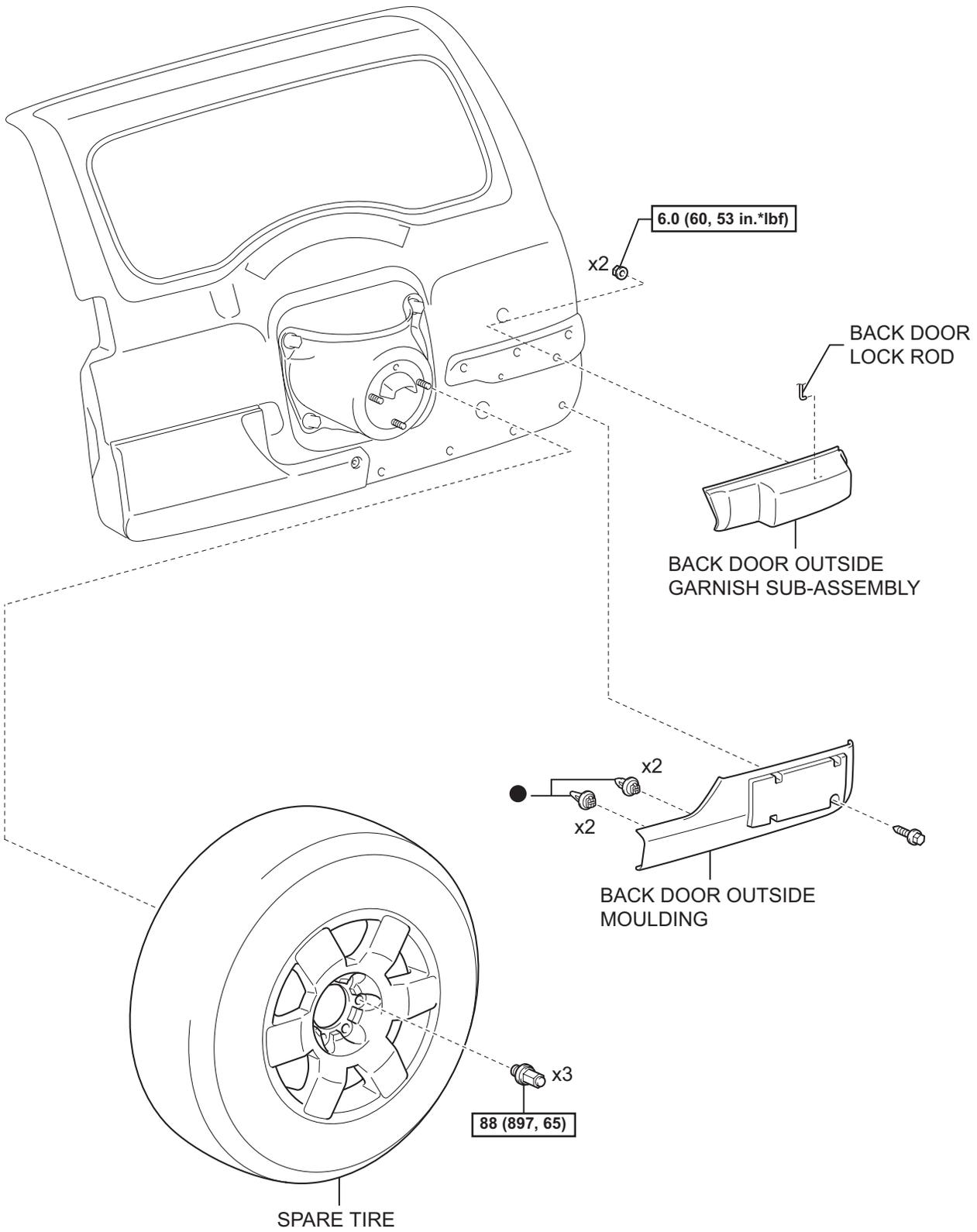
- (a) Install the step with 6 bolts.
Torque: 20 N*m (200 kgf*cm, 14 ft.*lbf)

BACK DOOR OUTSIDE GARNISH

COMPONENTS



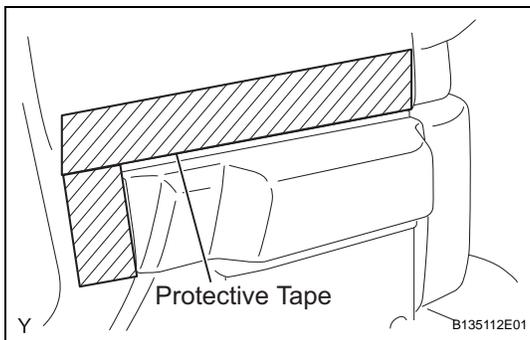
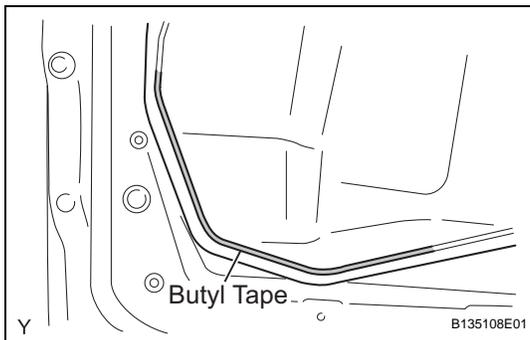
ET



ET

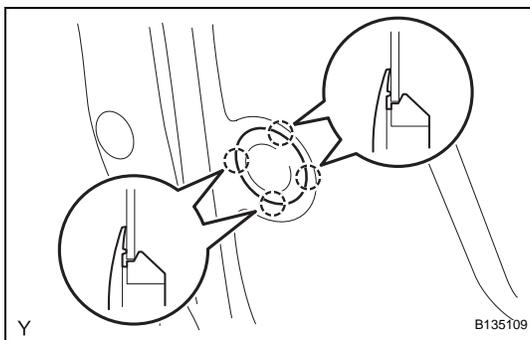
REMOVAL

1. REMOVE CABLE FROM NEGATIVE BATTERY TERMINAL
2. REMOVE SPARE TIRE
3. REMOVE BACK DOOR OUTSIDE MOULDING (See page [ET-71](#))
4. REMOVE BACK DOOR TRIM COVER RH (See page [ED-48](#))
5. REMOVE BACK DOOR TRIM COVER LH (See page [ED-48](#))
6. REMOVE BACK DOOR TRIM BOARD (See page [ED-49](#))
7. REMOVE BACK DOOR SERVICE HOLE COVER
 - (a) Remove the back door service hole cover to the extent that the back door outside garnish can be removed.

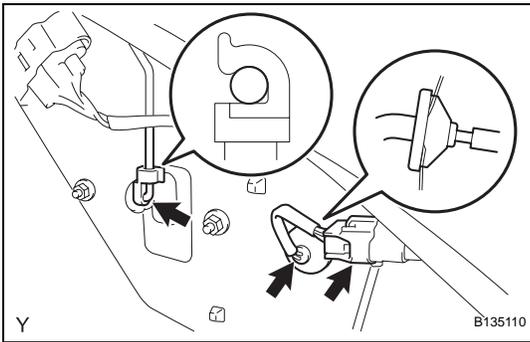


8. REMOVE BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY

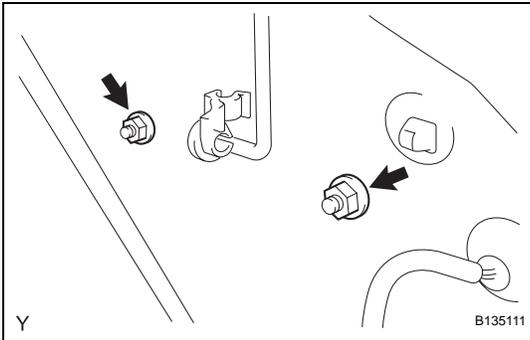
- (a) Apply protective tape to the back door panel in the area around the back door outside garnish.



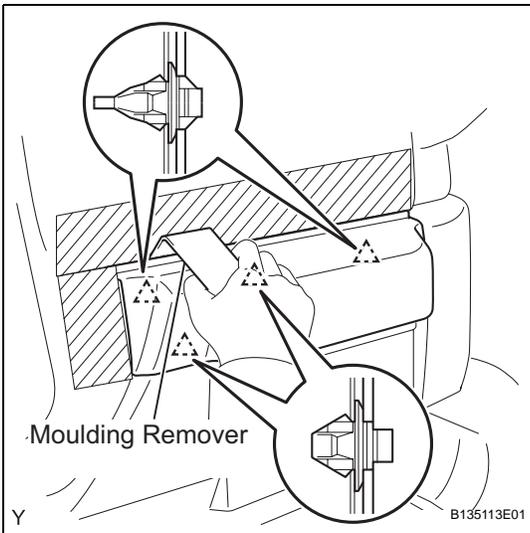
- (b) Using a clip remover, disengage the 4 claws and remove the plug hole.



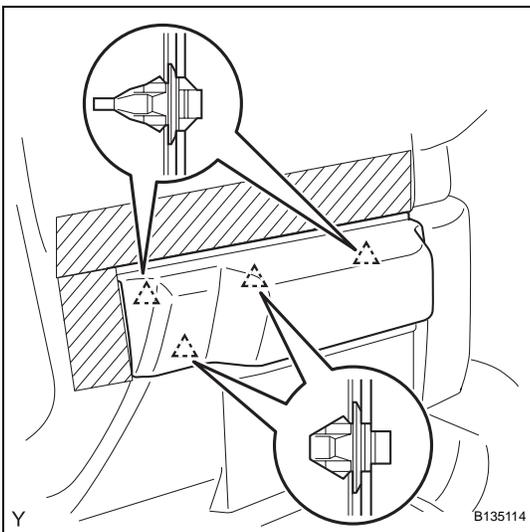
- (c) Disconnect the license light connector.
- (d) Disconnect the back door lock rod.



- (e) Remove the 2 nuts.



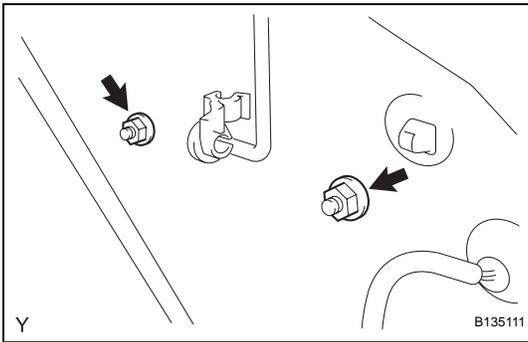
- (f) Using a moulding remover, disengage the 4 clips and remove the back door outside garnish.



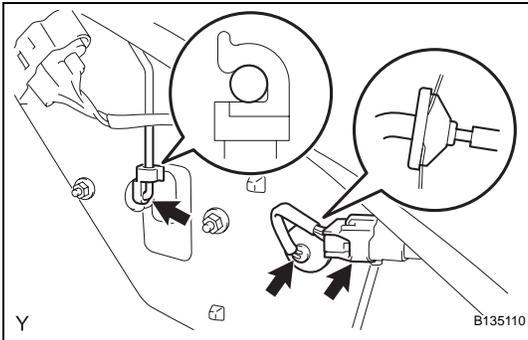
INSTALLATION

1. INSTALL BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY

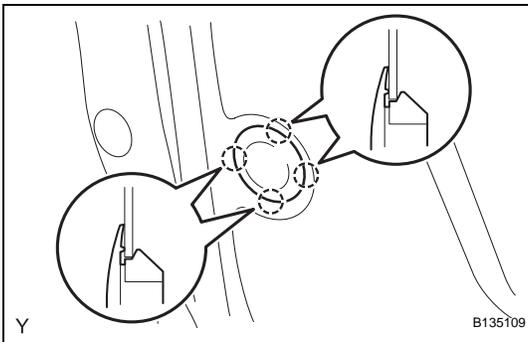
- (a) Engage the 4 clips and install the back door outside garnish.



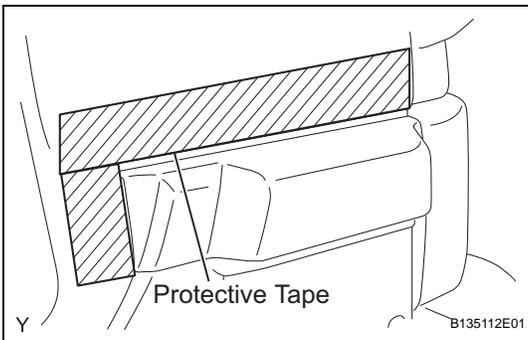
- (b) Tighten the 2 nuts.
Torque: 6.0 N*m (60 kgf*cm, 53 in.*lbf)



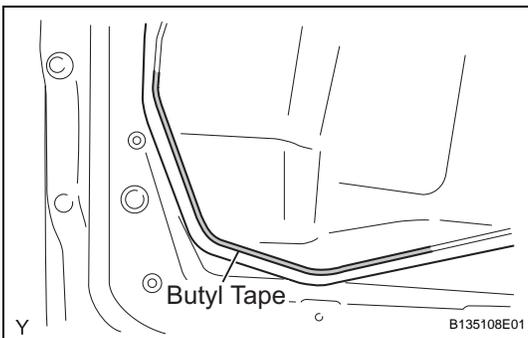
- (c) Connect the back door lock rod.
 (d) Connect the license light connector.



- (e) Engage the 4 claws and install the plug hole.



- (f) Remove the protective tape.



2. INSTALL BACK DOOR SERVICE HOLE COVER

- (a) Install the back door service hole cover.

3. INSTALL BACK DOOR TRIM BOARD (See page [ED-57](#))

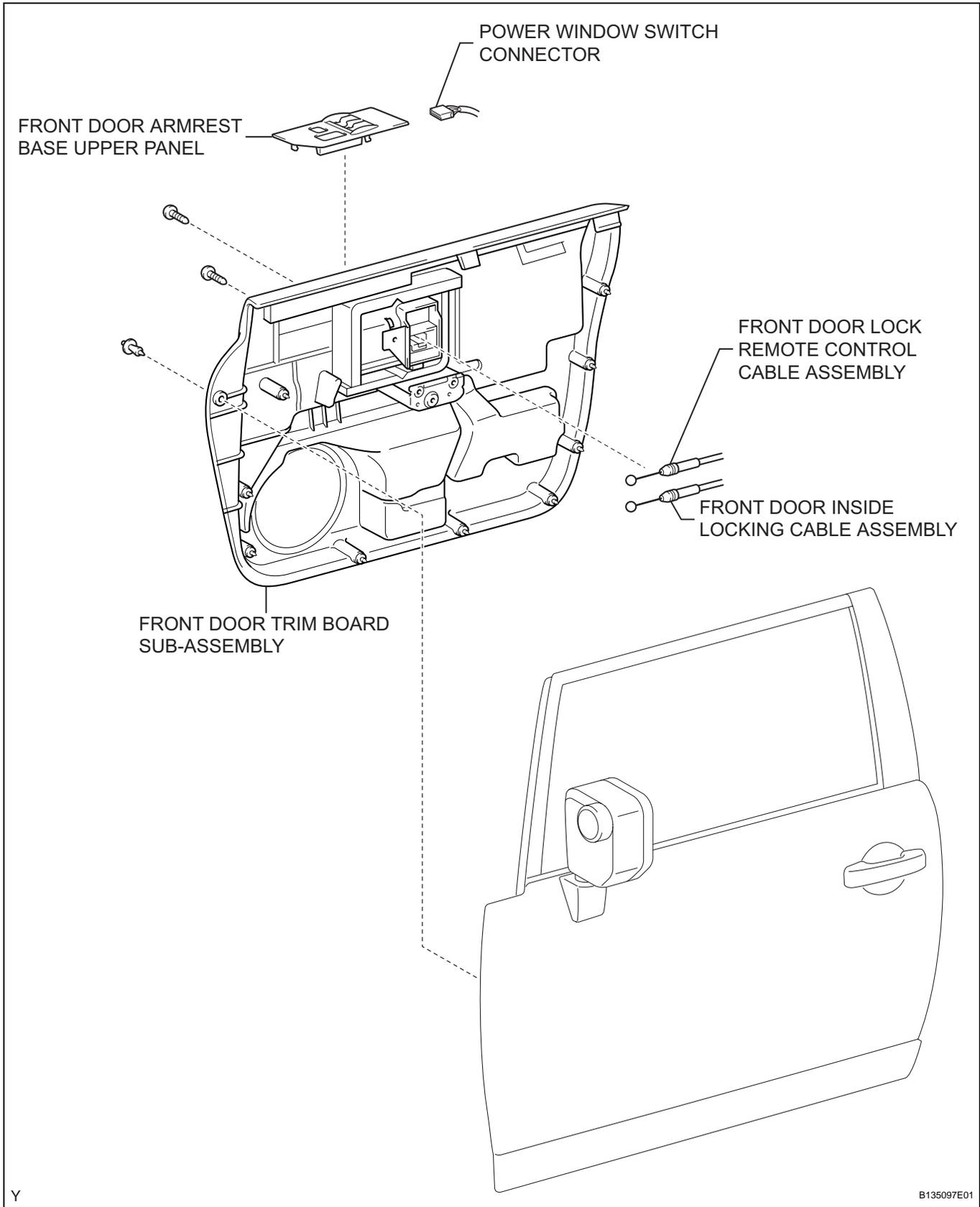
4. INSTALL BACK DOOR TRIM COVER RH (See page [ED-57](#))

5. INSTALL BACK DOOR TRIM COVER LH (See page [ED-57](#))

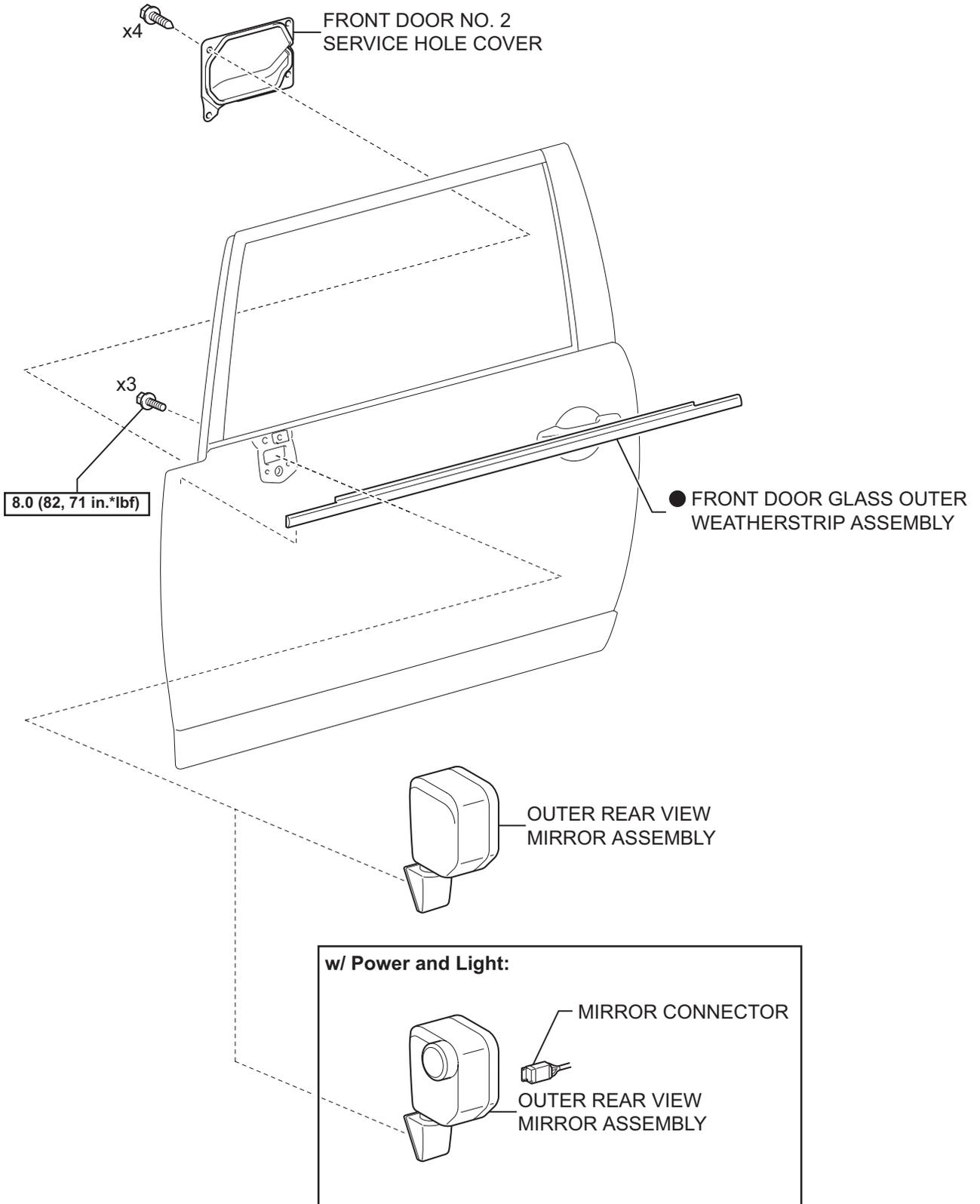
6. **INSTALL BACK DOOR OUTSIDE MOULDING (See page [ET-72](#))**
7. **INSTALL SPARE TIRE**
Torque: 88 N*m (897 kgf*cm, 65 ft.*lbf)
8. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

FRONT DOOR BLACK OUT TAPE

COMPONENTS



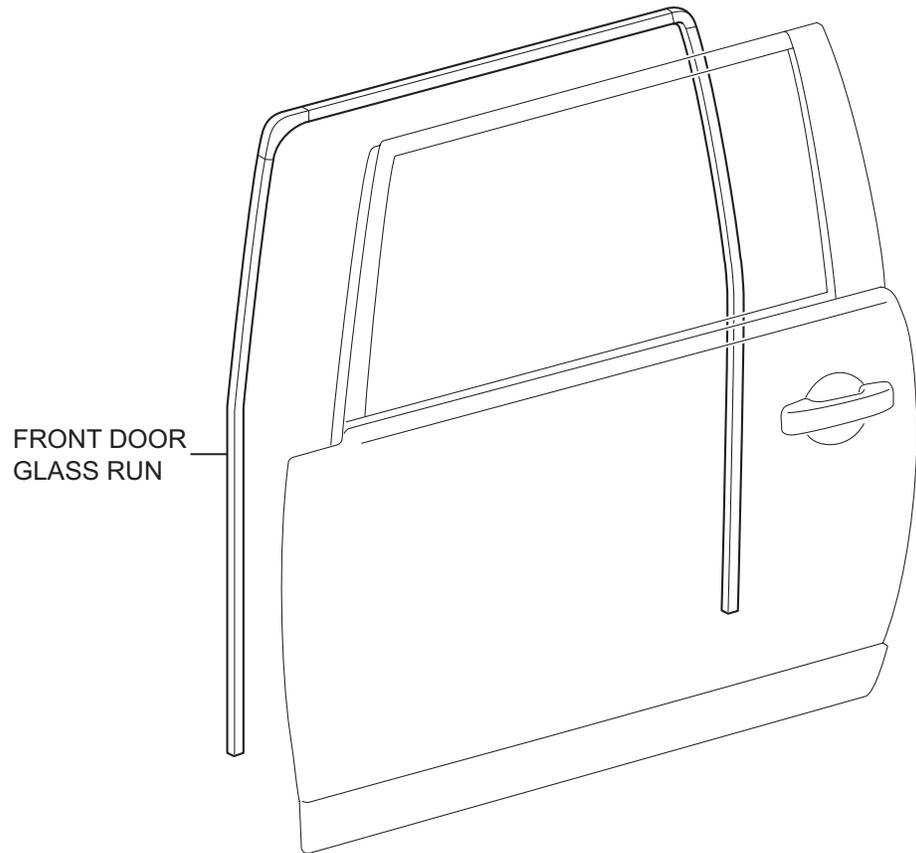
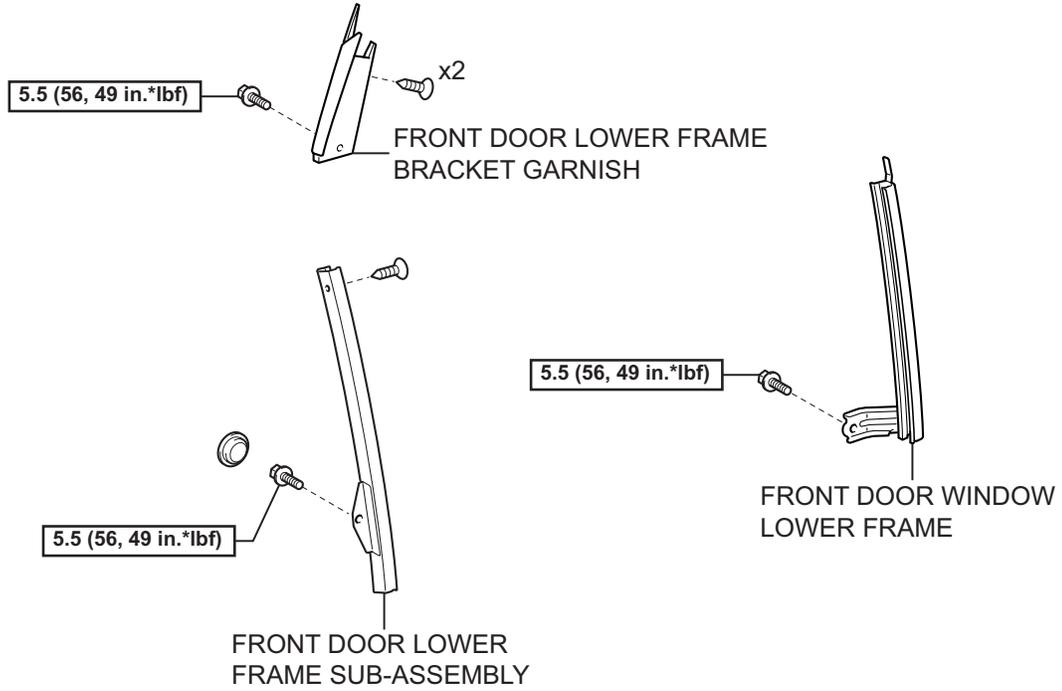
ET



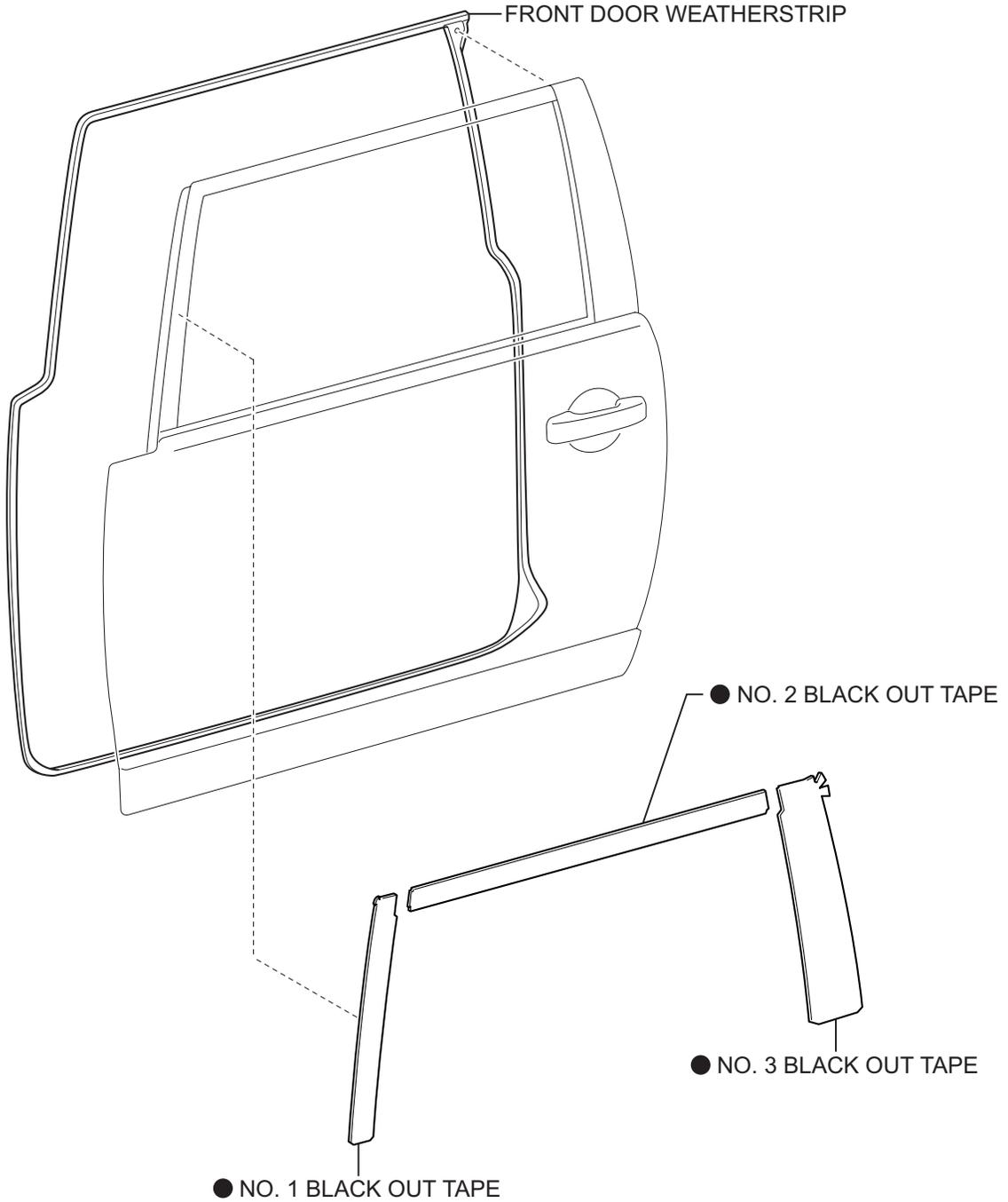
N*m (kgf*cm, ft*lbf) : Specified torque

● Non-reusable part

ET



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

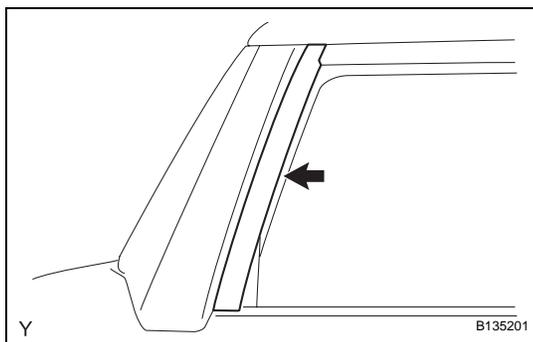


● Non-reusable part

ET

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE FRONT DOOR ARMREST BASE UPPER PANEL**
HINT:
Use the same procedure as for the RH side (See page [ED-9](#)).
3. **REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY**
HINT:
Use the same procedure as for the RH side (See page [ED-9](#)).
4. **REMOVE FRONT DOOR NO. 2 SERVICE HOLE COVER**
HINT:
Use the same procedure as for the RH side (See page [ED-10](#)).
5. **REMOVE OUTER REAR VIEW MIRROR ASSEMBLY (See page [ET-39](#))**
6. **REMOVE FRONT DOOR GLASS OUTER WEATHERSTRIP ASSEMBLY (See page [ET-39](#))**
7. **REMOVE FRONT DOOR WEATHERSTRIP**
HINT:
Use the same procedure as for the RH side (See page [ED-11](#)).
8. **REMOVE FRONT DOOR GLASS RUN**
HINT:
Use the same procedure as for the RH side (See page [ED-12](#)).
9. **REMOVE FRONT DOOR LOWER FRAME SUB-ASSEMBLY**
HINT:
Use the same procedure as for the RH side (See page [ED-12](#)).
10. **REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH**
HINT:
Use the same procedure as for the RH side (See page [ED-12](#)).
11. **REMOVE FRONT DOOR WINDOW LOWER FRAME**
HINT:
Use the same procedure as for the RH side (See page [ED-12](#)).

**12. REMOVE NO. 1 BLACK OUT TAPE**

- (a) Using an infrared light, heat the No. 1 black out tape.

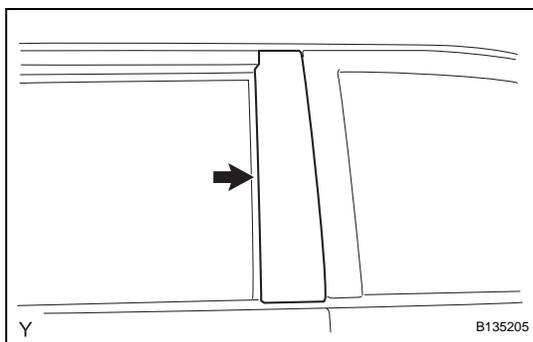
CAUTION:

Do not burn yourself with the heated front door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 3 to 5 minutes.

- (b) Lift the end portion with your nail and peel it parallel to the attachment surface.

**13. REMOVE NO. 3 BLACK OUT TAPE**

- (a) Using an infrared light, heat the No. 3 black out tape.

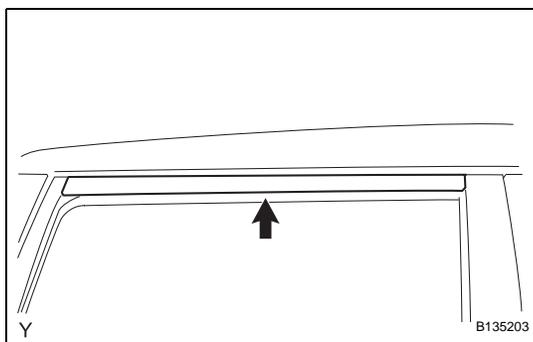
CAUTION:

Do not burn yourself with the heated front door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 3 to 5 minutes.

- (b) Lift the end portion with your nail and peel it parallel to the attachment surface.

**14. REMOVE NO. 2 BLACK OUT TAPE**

- (a) Using an infrared light, heat the No. 2 black out tape.

CAUTION:

Do not burn yourself with the heated front door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 3 to 5 minutes.

- (b) Lift the end portion with your nail and peel it parallel to the attachment surface.

INSTALLATION

HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. INSTALL NO. 2 BLACK OUT TAPE

(a) Application precautions.

(1) Application temperature.

1. If the temperature is below 15°C (59°F), using an infrared light, heat the base (body attachment surface) and black out tape up to between 20 and 30°C (68 and 86°F). If the temperature is over 35°C (95°F), perform the operation after lowering the temperature to below 35°C (95°F).

HINT:

- The most suitable temperature for applying the black out tape is 25°C (77°F).
- The black out tape cannot be applied correctly at low temperatures due to its stiffness and weak adhesion. The tape loses its consistency at high temperature.

(2) Pre-application procedure.

1. Any uneven twisting or dust on the base (body attachment surface) causes a defective appearance due to air being trapped under the black out tape during application. Make sure there is no uneven twisting or dust on or around the base or black out tape.

HINT:

When the air is dry in winter, put cardboard between the pieces of black out tape and keep it in a dry flat place.

(3) Handling.

1. Keep the black out tape in a dry flat level place because it is easily deformed.

NOTICE:

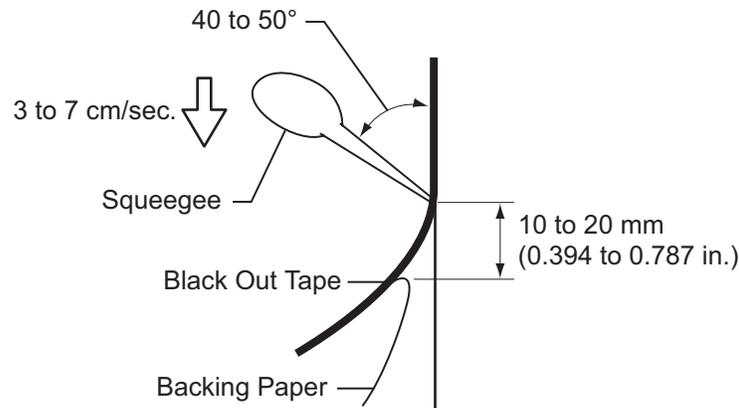
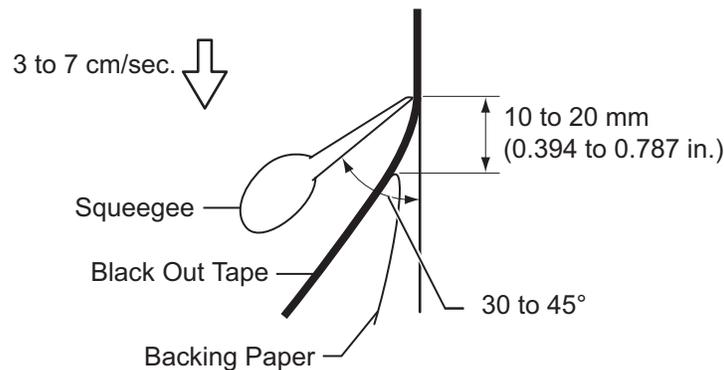
Do not fold, bend or expose the tape to high temperatures.

(4) Application method (Method of squeegee operation and application for general portions).

NOTICE:

- **The positioning accuracy must be within 1 mm (0.039 in.) when starting the application, otherwise, poor appearance and adhesion will result.**
- **Do not reuse black out tape that has been removed. It causes deformation and weak adhesion.**

1. In order to suppress bubble formation, slightly raise the portion not being pressed by the squeegee away from the base. Tilt the squeegee between 40 and 50° (in the pushing direction) and between 30 and 45° (in the pulling direction), and apply 20 to 30 N (2 to 3 kg, 4 to 6 lb) of pressure at a velocity of 3 to 7 cm/sec. while pushing out the air.

Pushing Direction:**Pulling Direction:**

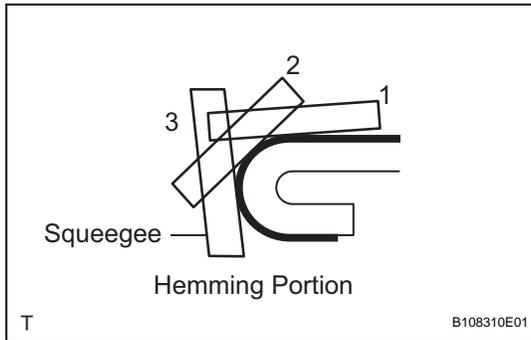
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B114637E01

NOTICE:

While using the squeegee, do not change the speed, stop the operation or change the force of the application. Doing so could cause a streak across the surface of the black out tape called a shock line. While using the squeegee, keep the speed and force of application constant and the angle correct.

ET

**HINT:**

- The squeegee can be tilted in either the pushing direction or in the pulling direction against the attachment portion.
- Perform the procedure while peeling the backing paper off the black out tape, 10 to 20 mm (0.394 to 0.787 in.) from the end of the squeegee.

(5) Application method (Method of squeegee operation).

1. If the tape cannot be pressed in one step using the squeegee, perform the application in several steps. Using your finger or a thicker part of the squeegee, gradually apply the tape to the small R portion of the hemming portion in 2 or 3 steps.

HINT:

Peel off the backing paper at the hemming portion and apply the black out tape with your finger or a thicker part of the squeegee.

(6) Application method (Method of squeegee operation and application method for corner sections).

1. Carefully apply the tape using a finger after peeling the backing paper off the corner section.
2. In order to prevent appearance deterioration caused by the tape pin angle, turn in the tape at the corner after heating the black out tape with a dryer.

(7) Inspection.

1. Repeat the application using new black out tape.

NOTICE:

Do not use a needle to rectify bubbles in any glazed tape being applied to the outer panel, in order to make scratches virtually imperceptible.

HINT:

Use an instant adhesive if the hemming or corner portions of the black out tape are partially peeled off.

(b) Clean the attachment surface (Using an infrared light).

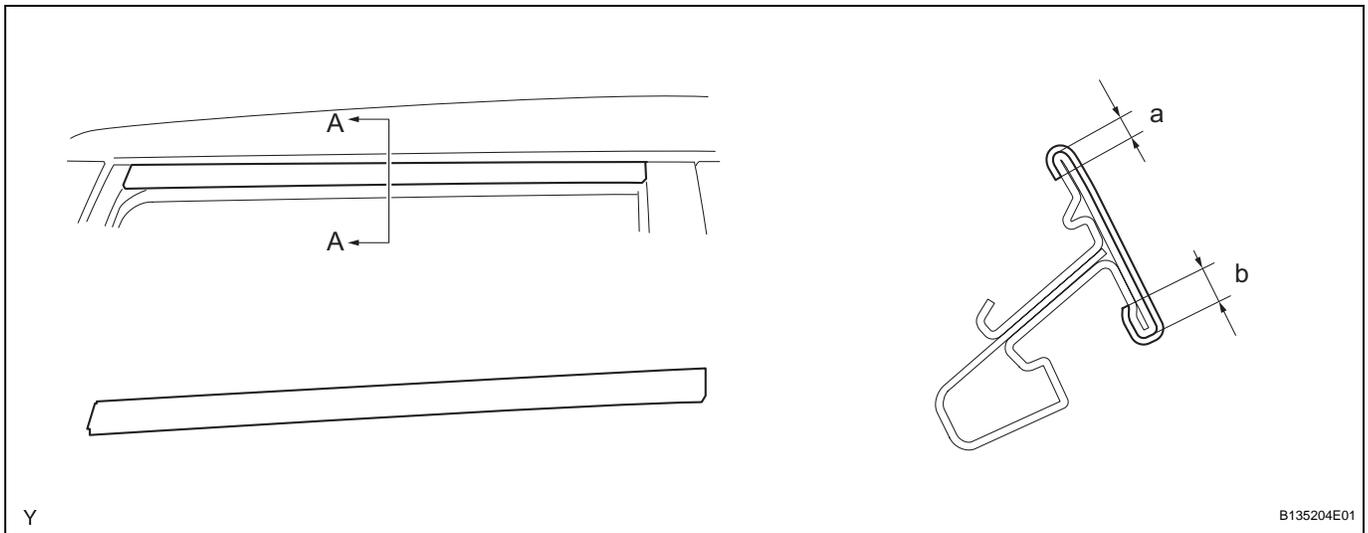
- (1) Using an infrared light, heat any black out tape and adhesive remaining on the body.

CAUTION:

Do not burn yourself with the heated body or infrared light.

- (2) Using a shop rag or piece of cloth, rub the remaining black out tape and adhesive off the body.
- (3) Using a non-residue solvent, clean the attachment surface.

- (c) Clean the attachment surface (Using a tape removal disc).
- (1) Set the 8 discs in the holder and insert the removal disc into an air drill or electric drill.
NOTICE:
Use an electric drill of which the no-load operation is 2,000 to 3,000 r/min.
 - (2) Using a tape removal disc, rub the remaining black out tape and adhesive off the body.
NOTICE:
 - Wear protective glasses during the operation.
 - Rotate and operate the disc in the correct direction.
 - Visually check that the cutting portion is not damaged while rubbing the remaining black out tape and adhesive off the body.
 - (3) Using a non-residue solvent, clean the attachment surface.
- (d) Apply new No. 2 black out tape to the positions shown in the illustration.



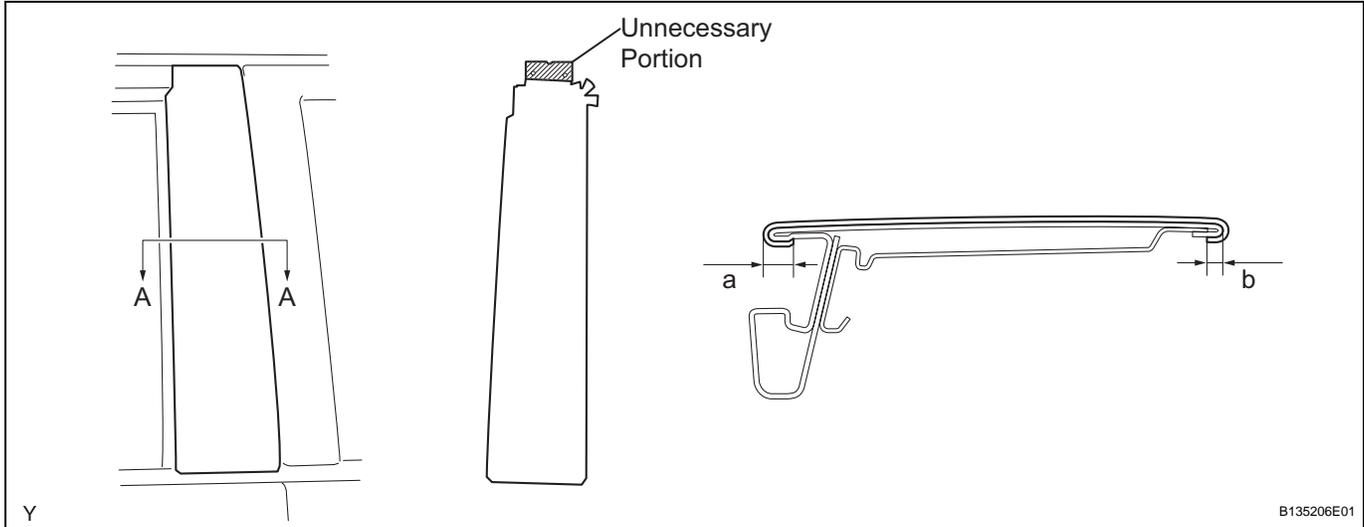
Installation position

Mark	Measurement
a	2 to 4 mm (0.079 to 0.157 in.)
b	4 to 6 mm (0.157 to 0.236 in.)

2. INSTALL NO. 3 BLACK OUT TAPE

- (a) Application precautions.
HINT:
Use the same procedure as for the No. 2 black out tape.
- (b) Clean the attachment surface (Using an infrared light).
HINT:
Use the same procedure as for the No. 2 black out tape.

- (c) Clean the attachment surface (Using a tape removal disc).
HINT:
Use the same procedure as for the No. 2 black out tape.
- (d) Apply new No. 3 black out tape to the positions shown in the illustration.



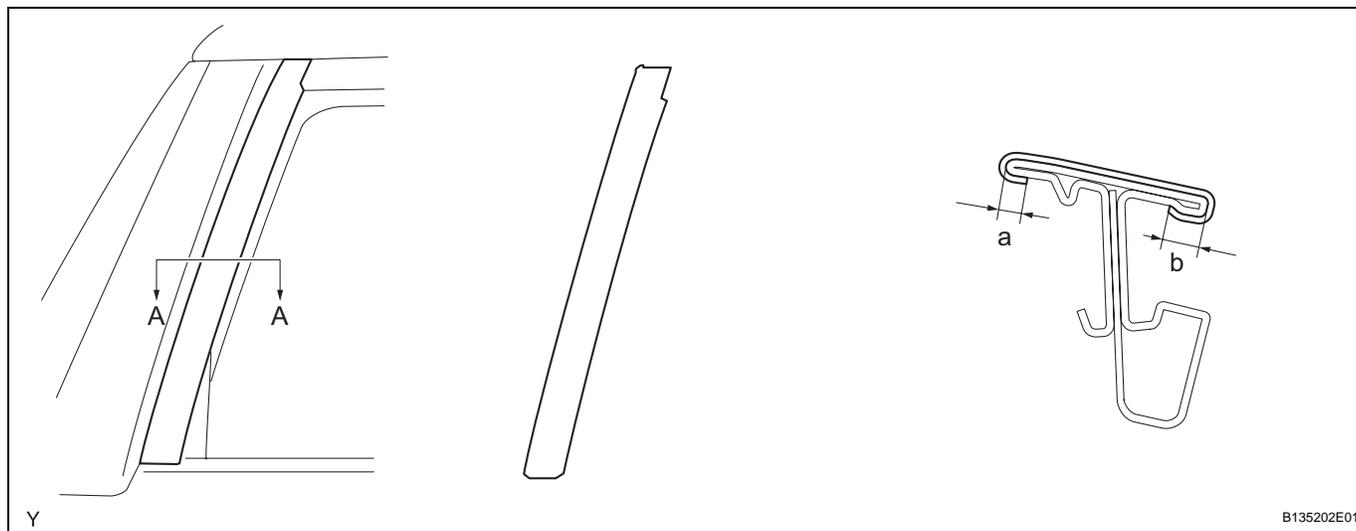
Installation position

Mark	Measurement
a	4 to 6 mm (0.157 to 0.236 in.)
b	2 to 4 mm (0.079 to 0.157 in.)

3. INSTALL NO. 1 BLACK OUT TAPE

- (a) Application precautions.
HINT:
Use the same procedure as for the No. 2 black out tape.
- (b) Clean the attachment surface (Using an infrared light).
HINT:
Use the same procedure as for the No. 2 black out tape.
- (c) Clean the attachment surface (Using a tape removal disc).
HINT:
Use the same procedure as for the No. 2 black out tape.

- (d) Apply new No. 1 black out tape to the positions shown in the illustration.



Installation position

Mark	Measurement
a	2 to 4 mm (0.079 to 0.157 in.)
b	4 to 6 mm (0.157 to 0.236 in.)

4. **INSTALL FRONT DOOR WINDOW LOWER FRAME**
HINT:
Use the same procedure as for the RH side (See page [ED-21](#)).
5. **INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH**
HINT:
Use the same procedure as for the RH side (See page [ED-21](#)).
6. **INSTALL FRONT DOOR LOWER FRAME SUB-ASSEMBLY**
HINT:
Use the same procedure as for the RH side (See page [ED-21](#)).
7. **INSTALL FRONT DOOR GLASS RUN**
HINT:
Use the same procedure as for the RH side (See page [ED-21](#)).
8. **INSTALL FRONT DOOR WEATHERSTRIP**
HINT:
Use the same procedure as for the RH side (See page [ED-22](#)).
9. **INSTALL FRONT DOOR GLASS OUTER WEATHERSTRIP ASSEMBLY** (See page [ET-40](#))
10. **INSTALL OUTER REAR VIEW MIRROR ASSEMBLY** (See page [ET-41](#))

11. INSTALL FRONT DOOR NO. 2 SERVICE HOLE COVER

HINT:

Use the same procedure as for the RH side (See page [ED-24](#)).**12. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY**

HINT:

Use the same procedure as for the RH side (See page [ED-24](#)).**13. INSTALL FRONT DOOR ARMREST BASE UPPER PANEL**

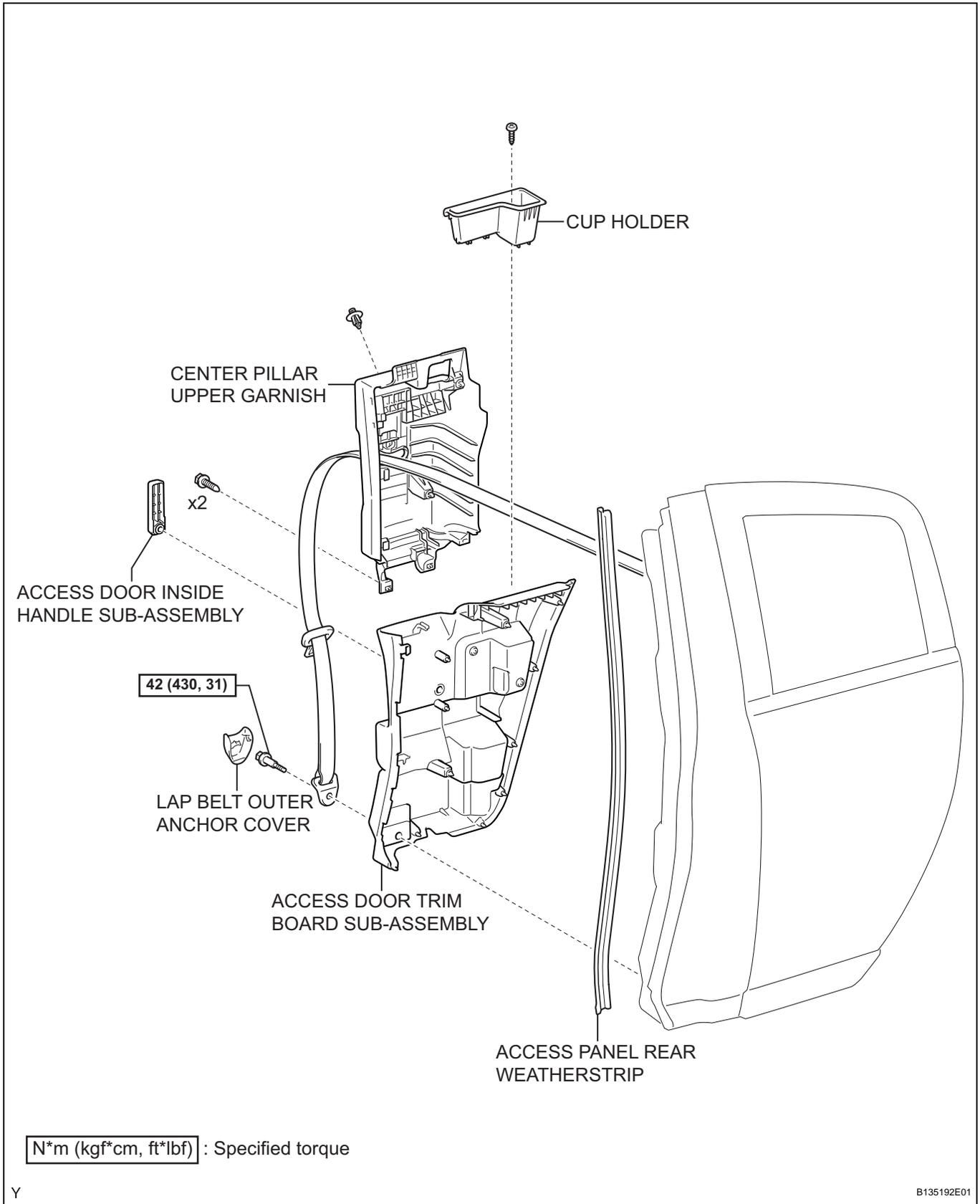
HINT:

Use the same procedure as for the RH side (See page [ED-25](#)).**14. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

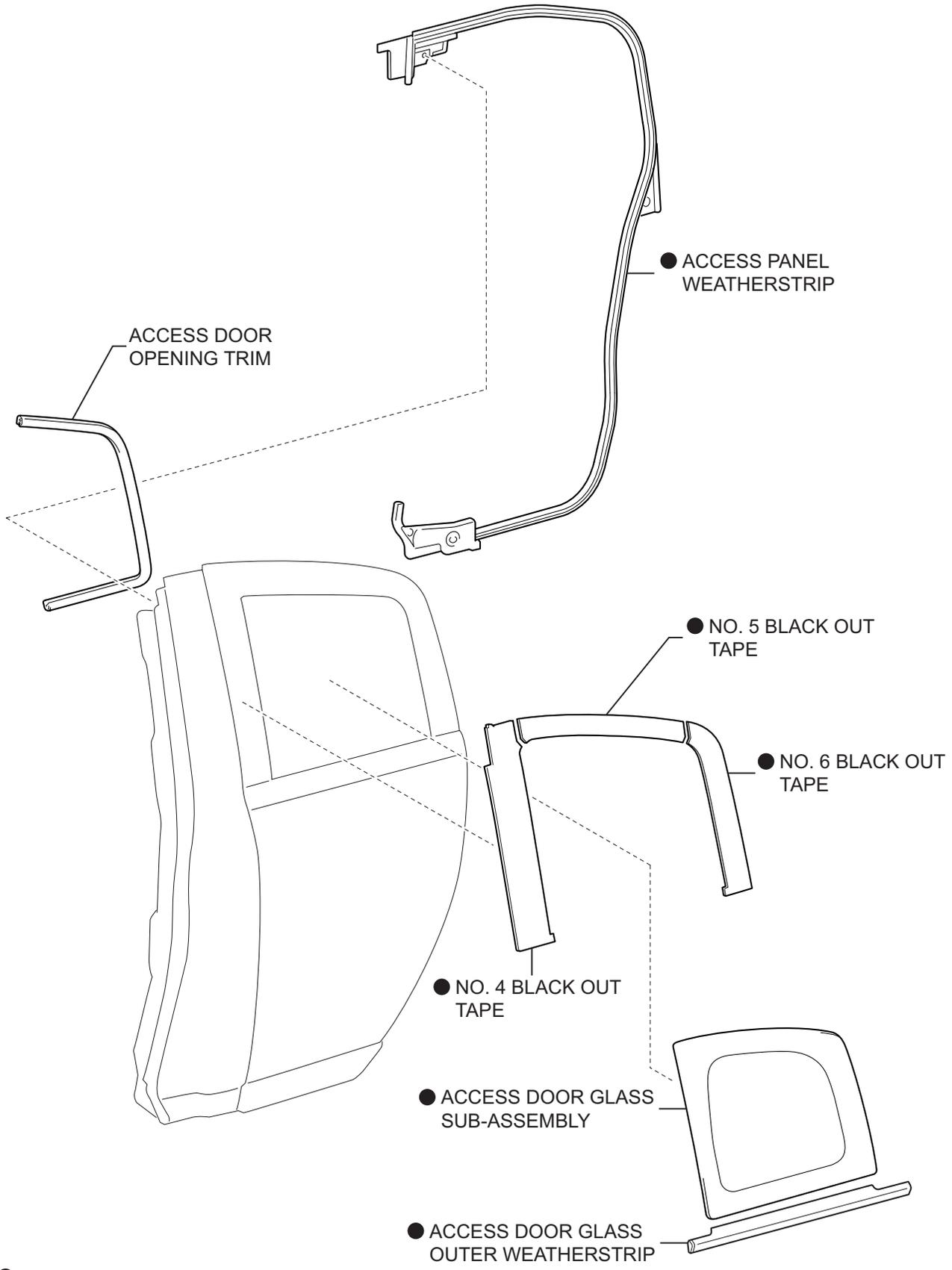
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

ACCESS DOOR BLACK OUT TAPE

COMPONENTS



ET



● Non-reusable part

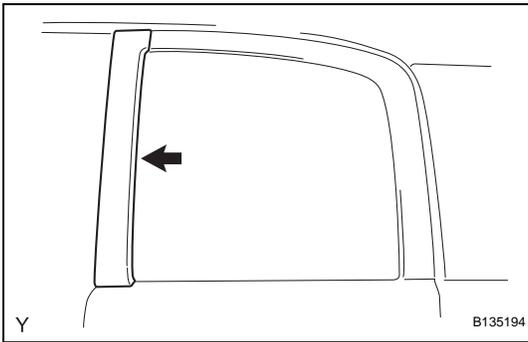
ET

REMOVAL

HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. **REMOVE ACCESS PANEL REAR WEATHERSTRIP**
HINT:
Use the same procedure as for the RH side (See page [ED-29](#)).
2. **REMOVE LAP BELT OUTER ANCHOR COVER**
HINT:
Use the same procedure as for the RH side (See page [ED-29](#)).
3. **REMOVE ACCESS DOOR INSIDE HANDLE SUB-ASSEMBLY**
HINT:
Use the same procedure as for the RH side (See page [ED-29](#)).
4. **REMOVE CUP HOLDER**
HINT:
Use the same procedure as for the RH side (See page [ED-29](#)).
5. **REMOVE ACCESS DOOR TRIM BOARD SUB-ASSEMBLY**
HINT:
Use the same procedure as for the RH side (See page [ED-30](#)).
6. **REMOVE CENTER PILLAR UPPER GARNISH**
HINT:
Use the same procedure as for the RH side (See page [ED-30](#)).
7. **REMOVE ACCESS DOOR OPENING TRIM**
HINT:
Use the same procedure as for the RH side (See page [ED-32](#)).
8. **REMOVE ACCESS PANEL WEATHERSTRIP**
HINT:
Use the same procedure as for the RH side (See page [ED-32](#)).
9. **REMOVE ACCESS DOOR GLASS OUTER WEATHERSTRIP (See page [ET-43](#))**
10. **REMOVE ACCESS DOOR GLASS SUB-ASSEMBLY (See page [WS-58](#))**

**11. REMOVE NO. 4 BLACK OUT TAPE**

- (a) Using an infrared light, heat the No. 4 black out tape.

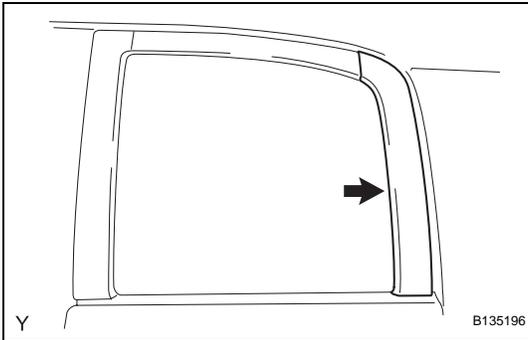
CAUTION:

Do not burn yourself with the heated front door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 3 to 5 minutes.

- (b) Lift the end portion with your nail and peel it parallel to the attachment surface.

**12. REMOVE NO. 6 BLACK OUT TAPE**

- (a) Using an infrared light, heat the No. 6 black out tape.

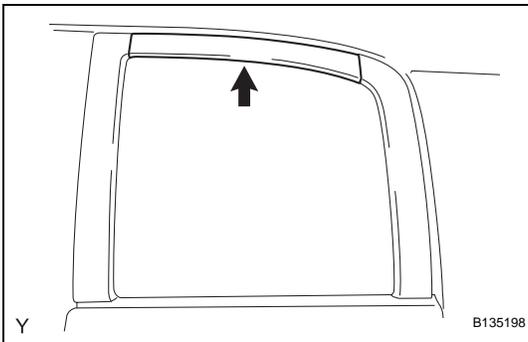
CAUTION:

Do not burn yourself with the heated front door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 3 to 5 minutes.

- (b) Lift the end portion with your nail and peel it parallel to the attachment surface.

**13. REMOVE NO. 5 BLACK OUT TAPE**

- (a) Using an infrared light, heat the No. 6 black out tape.

CAUTION:

Do not burn yourself with the heated front door panel or infrared light.

HINT:

Heat at 40 to 60°C (104 to 140°F) for 3 to 5 minutes.

- (b) Lift the end portion with your nail and peel it parallel to the attachment surface.

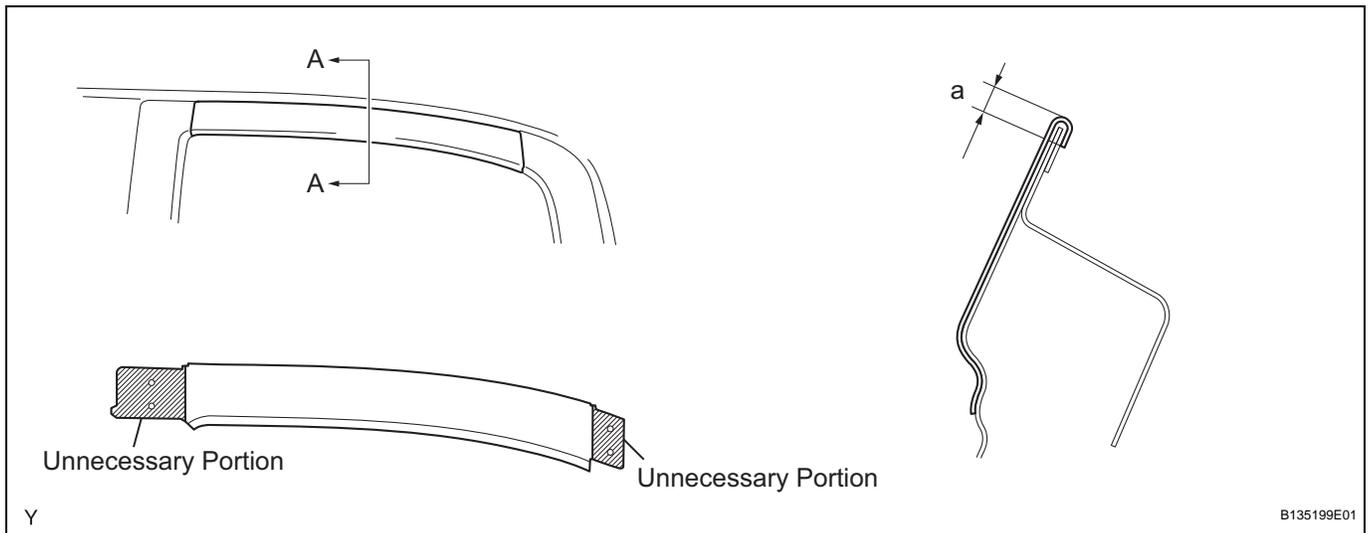
INSTALLATION

HINT:

The procedure described below is for the LH side. Use the same procedure for both the RH and LH sides, unless otherwise specified.

1. INSTALL NO. 5 BLACK OUT TAPE

- (a) Application precautions (See page [ET-99](#)).
- (b) Clean the attachment surface (Using an infrared light) (See page [ET-99](#)).
- (c) Clean the attachment surface (Using a tape removal disc) (See page [ET-99](#)).
- (d) Apply new No. 5 black out tape to the positions shown in the illustration.



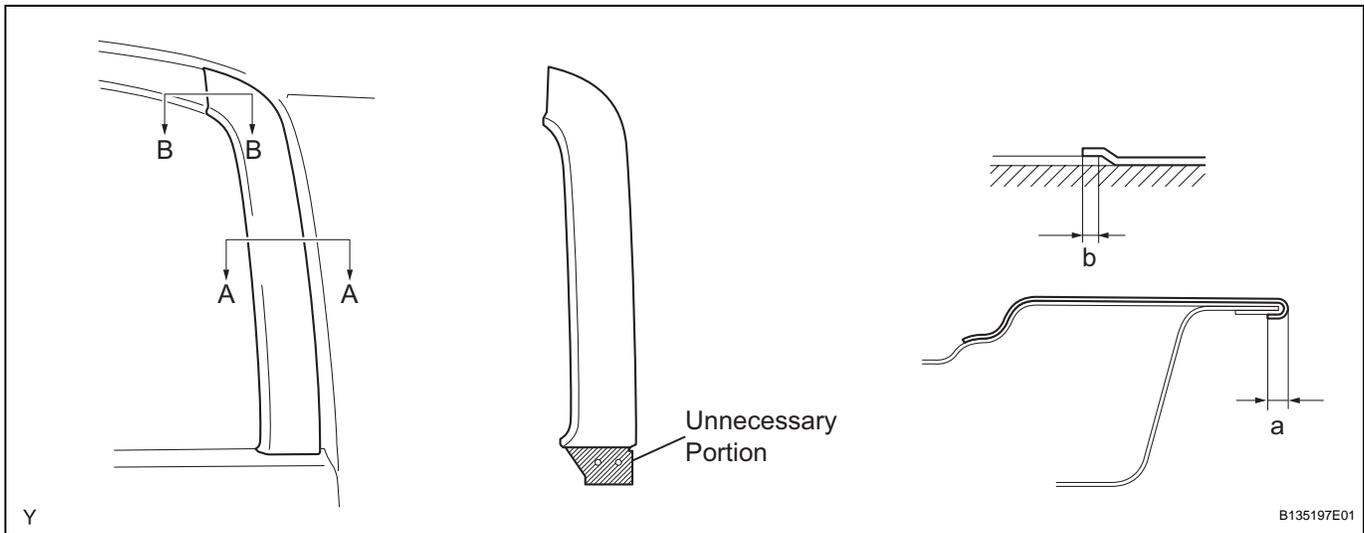
Installation position:

Mark	Measurement
a	2 to 4 mm (0.079 to 0.157 in.)

2. INSTALL NO. 6 BLACK OUT TAPE

- (a) Application precautions (See page [ET-99](#)).
- (b) Clean the attachment surface (Using an infrared light) (See page [ET-99](#)).
- (c) Clean the attachment surface (Using a tape removal disc) (See page [ET-99](#)).

- (d) Apply new No. 6 black out tape to the positions shown in the illustration.

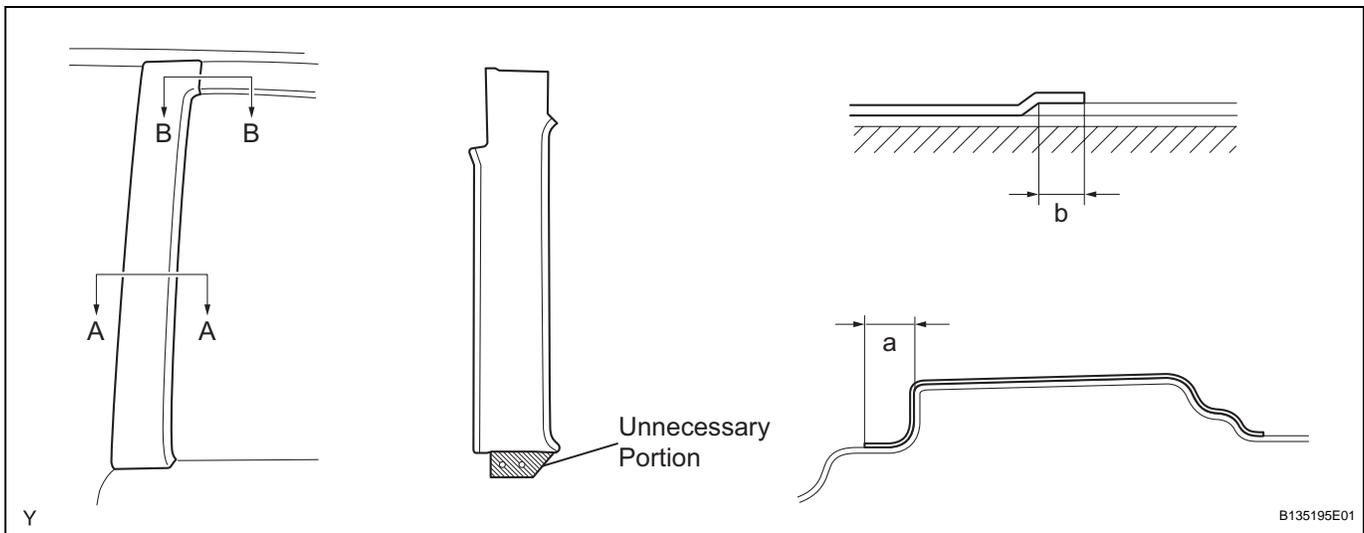


Installation position:

Mark	Measurement
a	2 to 4 mm (0.079 to 0.157 in.)
b	2 mm (0.079 in.)

3. INSTALL NO. 4 BLACK OUT TAPE

- (a) Application precautions (See page ET-99).
- (b) Clean the attachment surface (Using an infrared light) (See page ET-99).
- (c) Clean the attachment surface (Using a tape removal disc) (See page ET-99).
- (d) Apply new No. 4 black out tape to the positions shown in the illustration.



Installation position:

Mark	Measurement
a	10 mm (0.394 in.)
b	2 mm (0.079 in.)

4. INSTALL ACCESS DOOR GLASS SUB-ASSEMBLY
(See page WS-59)

5. **INSTALL ACCESS DOOR GLASS OUTER WEATHERSTRIP (See page [ET-43](#))**
6. **INSTALL ACCESS PANEL WEATHERSTRIP**
HINT:
Use the same procedure as for the RH side (See page [ED-38](#)).
7. **INSTALL ACCESS DOOR OPENING TRIM**
HINT:
Use the same procedure as for the RH side (See page [ED-39](#)).
8. **INSTALL CENTER PILLAR UPPER GARNISH**
HINT:
Use the same procedure as for the RH side (See page [ED-40](#)).
9. **INSTALL ACCESS DOOR TRIM BOARD SUB-ASSEMBLY**
HINT:
Use the same procedure as for the RH side (See page [ED-41](#)).
10. **INSTALL CUP HOLDER**
HINT:
Use the same procedure as for the RH side (See page [ED-41](#)).
11. **INSTALL ACCESS DOOR INSIDE HANDLE SUB-ASSEMBLY**
HINT:
Use the same procedure as for the RH side (See page [ED-41](#)).
12. **INSTALL LAP BELT OUTER ANCHOR COVER**
HINT:
Use the same procedure as for the RH side (See page [ED-42](#)).
13. **INSTALL ACCESS PANEL REAR WEATHERSTRIP**
HINT:
Use the same procedure as for the RH side (See page [ED-42](#)).