
DAIHATSU

TERIOS

J100

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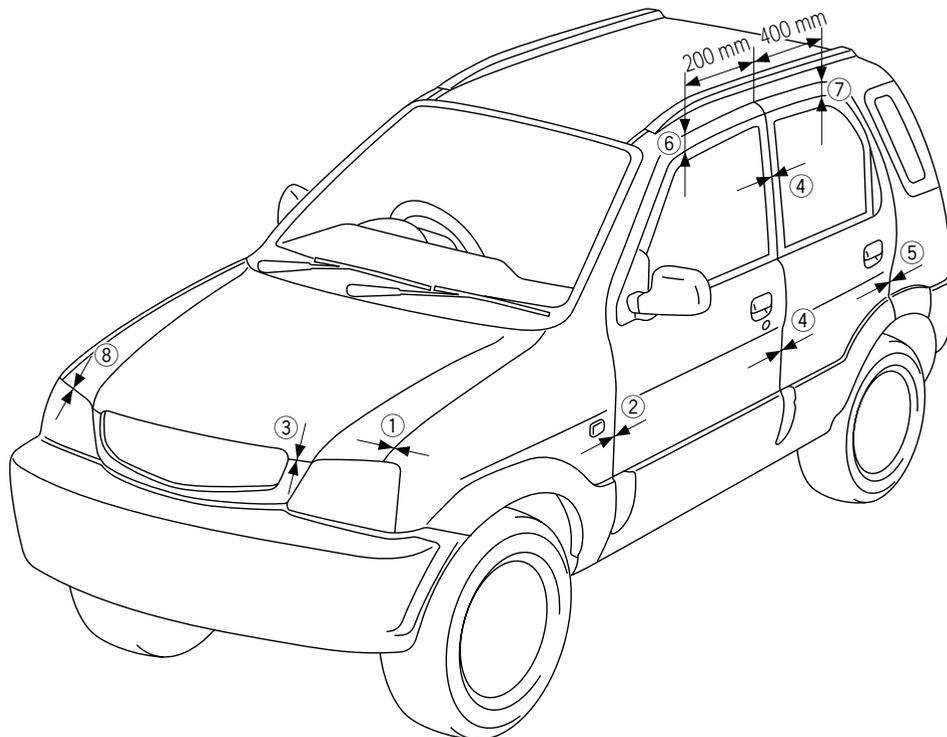
JBO00001-00000

NOTE:

- When the tightening torque values are not given, refer to the tightening torque table for general standard bolts to find the required tightening torque values.

BO

ALIGNMENT ADJUSTMENTS



- ① Specified value
Gap: 4.4 ± 1.5 mm
Lateral deviation: Not to exceed 1.5 mm
Difference between right and left sides:
Not to exceed 1.5 mm
- ② Specified value
Gap: 4.7 ± 1.5 mm
Lateral deviation: Not to exceed 1.5 mm
Difference in height: 0 ± 1.5 mm
- ③ Specified value
Gap: 7.6 ± 1.5 mm
Difference between right and left sides:
Not to exceed 2.0 mm
Difference in height: 2.9 ± 1.5 mm
- ④ Specified value
Gap: 5.5 ± 1.5 mm
Lateral deviation: Not to exceed 1.5 mm
Difference in height: 0 ± 1.5 mm
- ⑤ Specified value
Gap: 4.7 ± 1.5 mm
Lateral deviation: Not to exceed 1.5 mm
Difference in height: 0 ± 1.5 mm
- ⑥ Specified value
Gap: 5.2 ± 1.5 mm
Lateral deviation: Not to exceed 1.5 mm
Difference in height: 5.9 ± 1.5 mm
- ⑦ Specified value
Gap: 5.2 ± 1.5 mm
Lateral deviation: Not to exceed 1.5 mm
Difference in height: 7.2 ± 1.5 mm
- ⑧ Specified value
Gap: 7.8 ± 1.5 mm
Difference between right and left sides:
Not to exceed 2.0 mm
Difference in height: 5.2 ± 1.5 mm

1. Gap adjustment

Engine hood

- (1) Loosen the bolts attaching the engine hood to the engine hood hinge and adjust the engine hood alignment to the specified value mentioned below.

Specified Value:

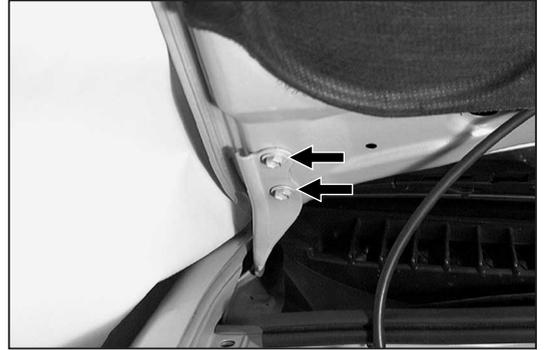
Gap: 4.4 ± 1.5 mm

Difference Between Right and Left Sides:

Not to exceed 1.5 mm

Lateral Deviation: Not to exceed 1.5 mm

- (2) Tighten the engine hood attaching bolts properly.



JBO00003-00002

2. Adjustment of difference in height

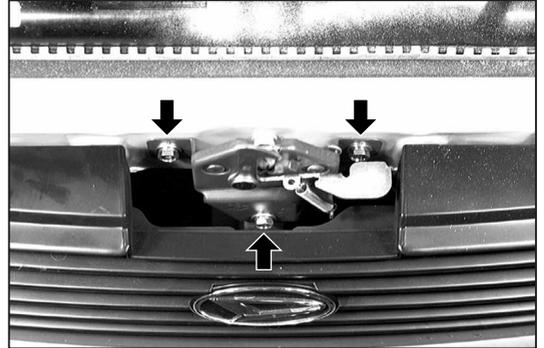
- (1) Loosen the bolts attaching the hood lock to the radiator supports.

- (2) Adjust the hood lock attaching position to adjust the difference in height to the specified value.

At the same time adjust the height of the hood cushion rubber so that the clearance between the engine hood and the cushion rubbers may become zero and the height at the right and left sides may become the same.

Specified Value of Difference in Height:

Not more than 1.5 mm



JBO00004-00003

ADJUSTMENT OF FRONT DOOR AND REAR DOOR

1. Gap adjustment

(1) Front door

- ① Loosen the attaching bolts of the door hinges, using the following SST.

SST: 09812-00010-000



JBO00005-00004

CAUTION:

- Never scratch the painted surface of the body during the operation.

- ② Perform the adjustment by changing the attaching position of the front door hinges to the body.

- ③ Tighten the attaching bolts of the door hinge, using the following SST.

SST: 09812-00010-000

- ④ Adjust the door lock striker, as required.

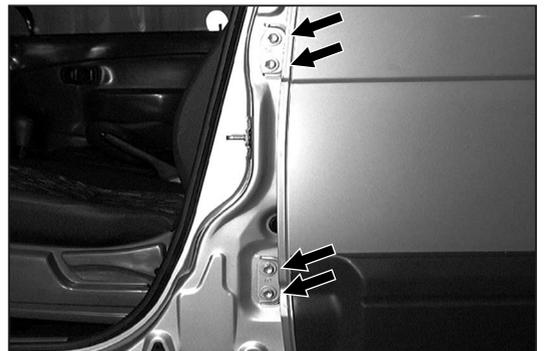
(2) Rear door

- ① Loosen the attaching bolts of the door hinge.

- ② Perform the adjustment by changing the attaching position of the rear door hinges to the body.

- ③ Tighten the attaching bolts of the door hinge.

- ④ Adjust the door lock striker, as required.



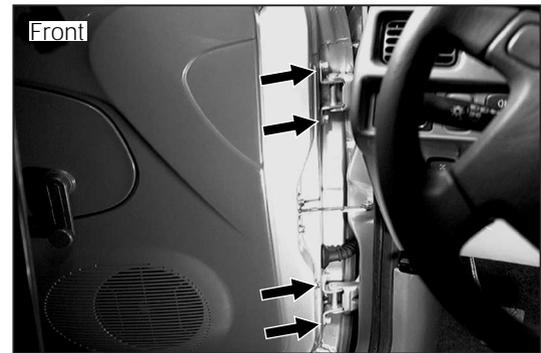
JBO00006-00005

BO-4

2. Adjustment of difference in height

(1) Front/Rear door hinge side.

- ① Loosen the bolts attaching the door to the door hinges.
- ② Perform the adjustment by changing the attaching position of the front door to the door hinges.
- ③ Tighten the bolts attaching the door to the door hinge.



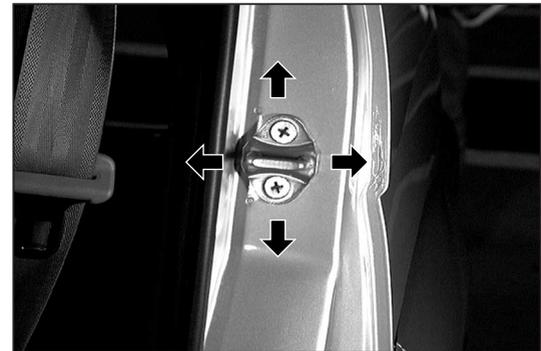
JBO00007-00006



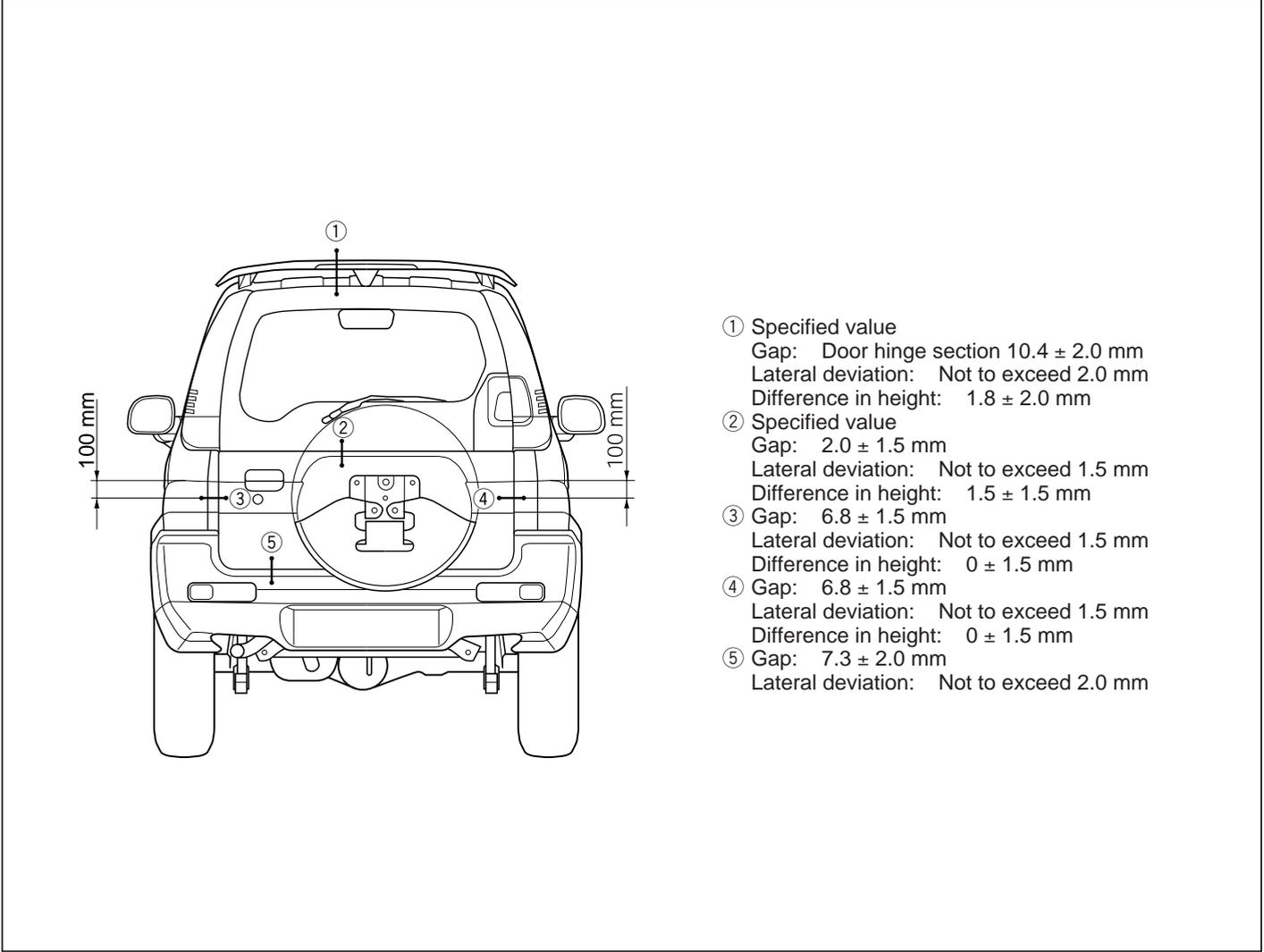
JBO00000-00007

(2) Front/Rear door lock striker side.

- ① Loosen the screws of the lock striker.
- ② Perform the adjustment of the lock striker by tapping it lightly with a hammer to change the attaching position of the lock striker.
- ③ Tighten the attaching bolts of the lock striker.



ADJUSTMENT OF BACK DOOR ALIGNMENT



- ① Specified value
 Gap: Door hinge section 10.4 ± 2.0 mm
 Lateral deviation: Not to exceed 2.0 mm
 Difference in height: 1.8 ± 2.0 mm
- ② Specified value
 Gap: 2.0 ± 1.5 mm
 Lateral deviation: Not to exceed 1.5 mm
 Difference in height: 1.5 ± 1.5 mm
- ③ Gap: 6.8 ± 1.5 mm
 Lateral deviation: Not to exceed 1.5 mm
 Difference in height: 0 ± 1.5 mm
- ④ Gap: 6.8 ± 1.5 mm
 Lateral deviation: Not to exceed 1.5 mm
 Difference in height: 0 ± 1.5 mm
- ⑤ Gap: 7.3 ± 2.0 mm
 Lateral deviation: Not to exceed 2.0 mm

JBO00009-00009

1. Gap Adjustment

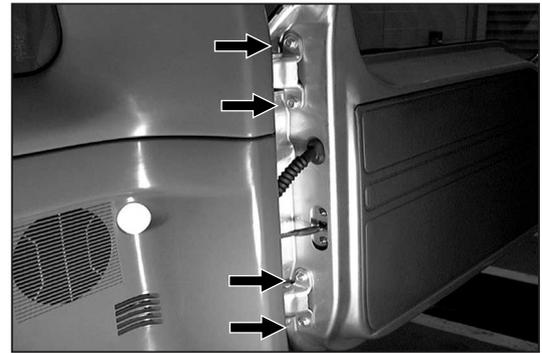
- (1) Loosen the attaching bolts of the hinge to the back door.
- (2) Perform the adjustment by changing the attaching position of the door panel.

If any difficulty is encountered in adjusting the attaching position of the back door due to lack of adjusting allowance, perform the adjustment by loosening the nuts attaching the back door hinge to the vehicle shell after the three grommets of the roof head lining are removed.

NOTE:

- Be very careful not soil or bend the roof head lining during the loosening of the nuts attaching the hinge to the vehicle shell.

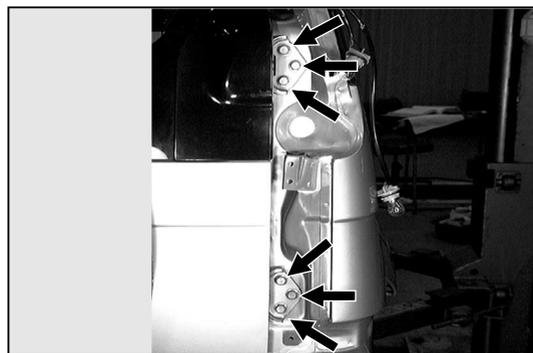
- (3) Tighten the attaching bolts of the hinge to the back door.



JBO00010-00010

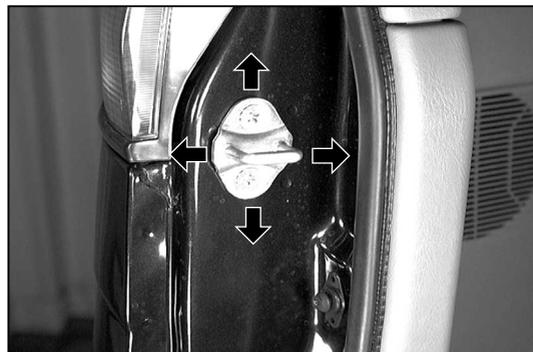
BO-6

2. Adjustment of difference in height
 - (1) Remove the rear bumper.
(Refer to the rear bumper section.)
 - (2) Remove the right hand side rear combination lamp.
 - (3) Remove the rear bumper filler by removing the attaching bolts.
 - (4) Loosen the attaching bolts of the back door lock striker.
 - (5) Adjust the difference in height by changing the attaching position of the back door lock striker.
 - (6) Tighten the attaching bolts of the back door lock striker.



JBO00011-00011

3. Back door lock striker side
 - (1) Loosen the screws of the lock striker.
 - (2) Perform the adjustment of the lock striker by tapping it lightly with a hammer to change the attaching position of the striker.
 - (3) Tighten the attaching bolts of the striker.



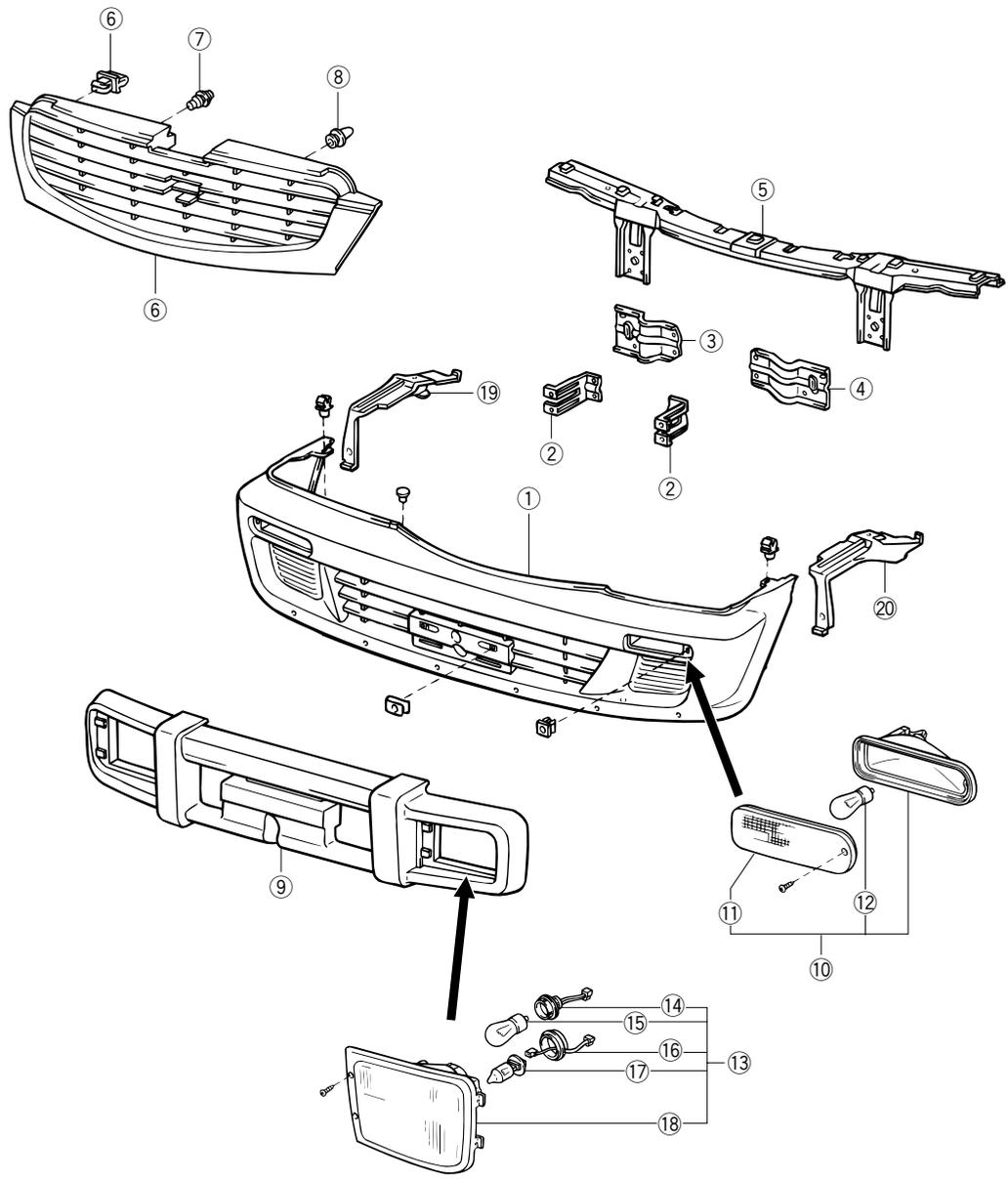
JBO00012-00012

4. Adjustment of back door lower female stopper
 - (1) Loosen the attaching bolts of the back door lower female stopper to just only move the back door lower female stopper.
 - (2) Close the back door slowly.
 - (3) Open the back door slowly.
 - (4) Tighten the attaching bolts of the back door down female stopper.
 - (5) Ensure that the back door down female stopper is not interfered with the down male stopper by repeating the opening and closing operations of the back door.



JBO00013-00013

**FRONT BUMPER
COMPONENTS**

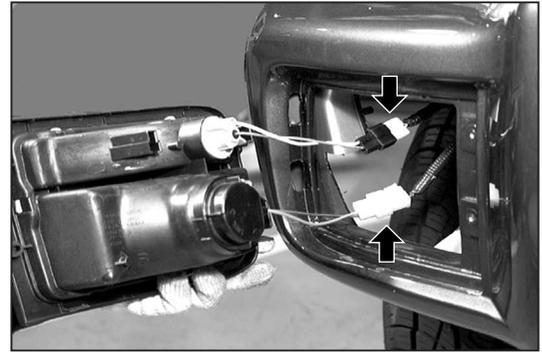


- | | |
|--|----------------------------------|
| ① Front bumper cover | ⑪ Front turn signal lamp lens |
| ② Front bumper guard base No. 1 bracket | ⑫ Bulb |
| ③ Front bumper guard right bracket | ⑬ Front fog & turn lamp assembly |
| ④ Front bumper guard left bracket | ⑭ Turn cord |
| ⑤ No. 1 clip | ⑮ Bulb |
| ⑥ Radiator grill assembly | ⑯ Fog cord |
| ⑦ Retainer | ⑰ Bulb |
| ⑧ Grill retainer | ⑱ Front fog & turn lamp lens |
| ⑨ Front bumper guard garnish subassembly | ⑲ Front bumper right bracket |
| ⑩ Front turn signal lamp assembly | ⑳ Front bumper left bracket |

BO-8

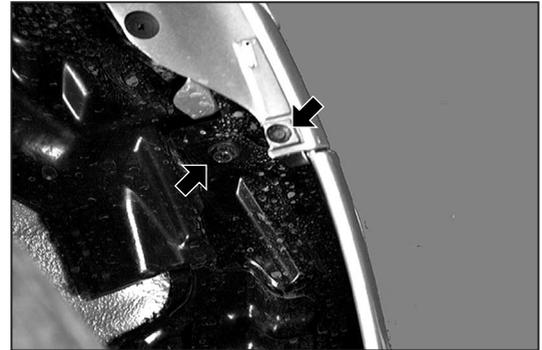
REMOVAL

1. Removal of front fog & turn signal lamp assembly (Only for front bumper guard garnish equipped model.)
 - (1) Remove the fog lamp attaching screws.
 - (2) Remove the fog lamps by disconnecting its connectors.



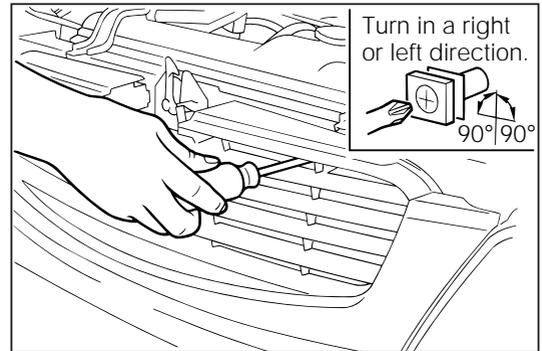
JBO00015-00015

2. Remove the under fender bracket by removing the attaching tapping screw and clip. (Both sides)



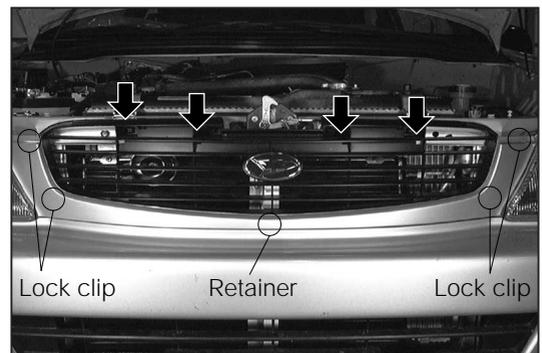
JBO00016-00016

3. Removal of radiator grill
 - (1) Turn the clips 90 degrees, using a phillips screwdriver. (Four clips at the upper side of the radiator grill.)



JBO00017-00017

- (2) Remove the radiator grill assembly while unlocking the locking section of the four clips and one retainer.



JBO00018-00018

4. Removal of front turn signal lamps (On model without front bumper guard garnish.)
 - (1) Remove the attaching screw of the front turn signal lamps.

CAUTION:

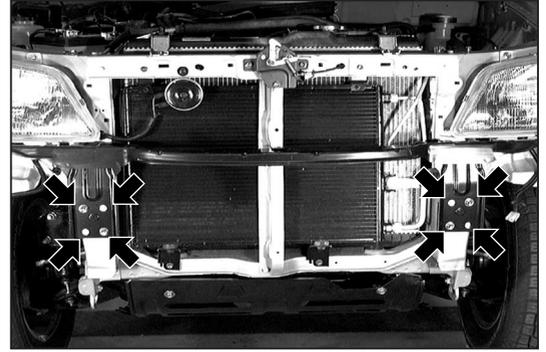
- Be very careful not to scratch the lamps during the removal and installation.

- (2) Remove the front turn signal lamp by disconnecting the connector.

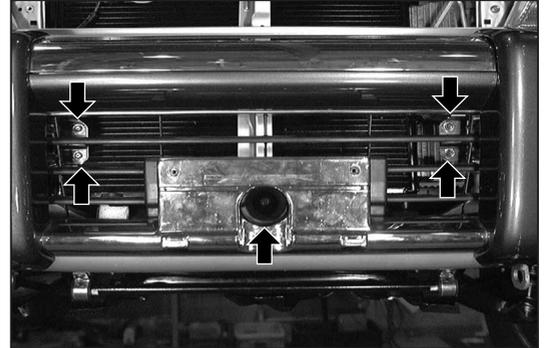


JBO00019-00019

5. Remove the attaching bolts of the front bumper cover. (On model without the front bumper guard garnish.)
6. Remove the front bumper cover. (On model without the front bumper guard garnish.)
7. Remove the front bumper bar reinforcement by removing the attaching bolts. (On model without the front bumper guard garnish.)
8. Remove the front bumper cover by removing the five attaching bolts. (Only model equipped with the front bumper guard garnish.)
9. Remove the front bumper guard garnish by removing the attaching screws. (On model with the front bumper guard garnish.)
10. Remove the front bumper guard base bracket by removing the attaching bolts. (On model with the front bumper guard garnish.)



JBO00020-00020



JBO00021-00021



JBO00022-00022

INSTALLATION

NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

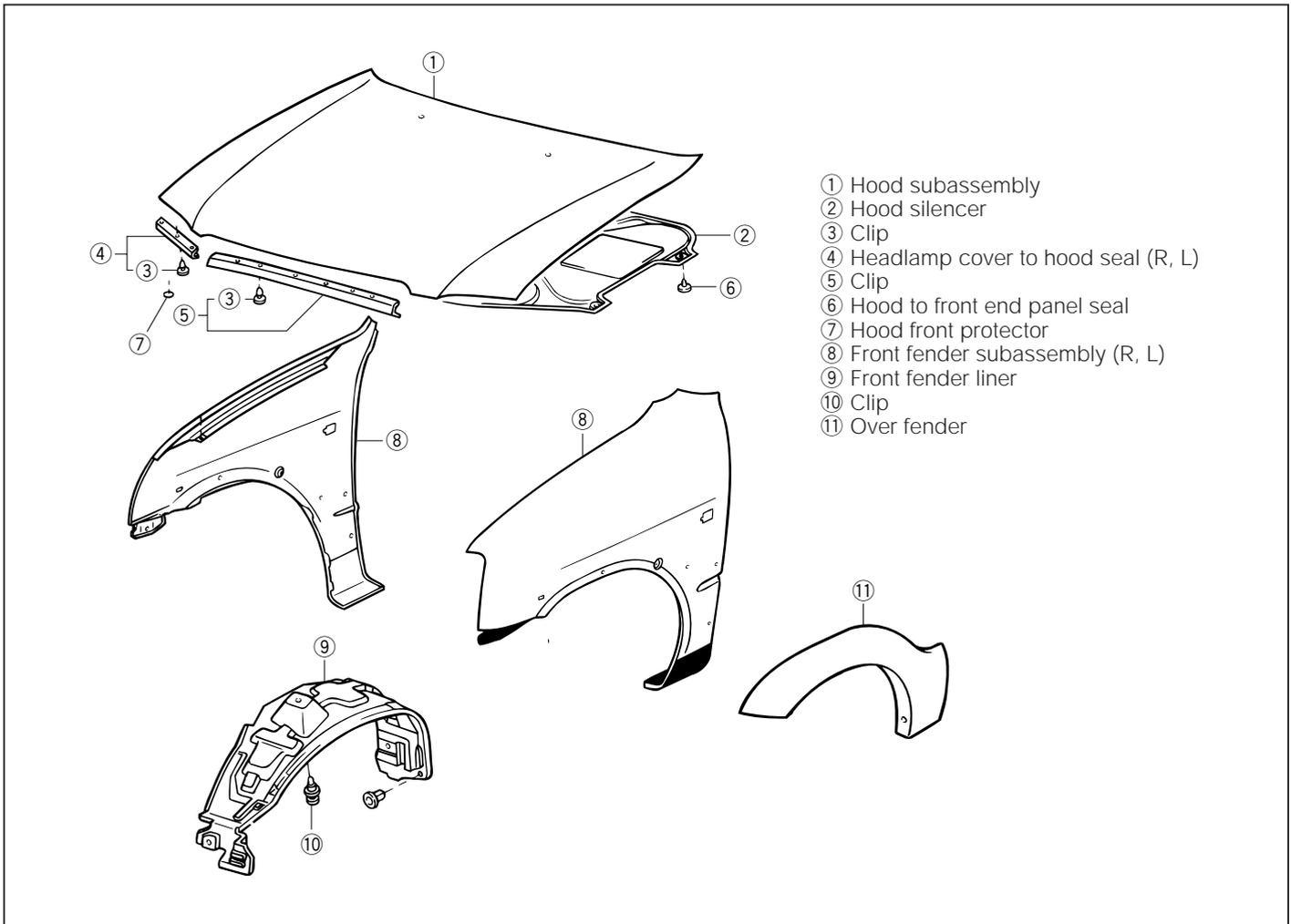
1. Install the front bumper guard base brackets with the attaching bolts. (On model with the front bumper guard garnish.)
2. Install the front bumper guard garnish to the front bumper cover with the attaching screws. (On model with the front bumper guard garnish.)
3. Install the front bumper cover with the five attaching bolts. (Only model equipped with the front bumper guard garnish.)
4. Install the front bumper bar reinforcement with the attaching bolts. (Only model without the front bumper guard garnish.)
5. Install the front bumper cover with the attaching bolts. (Only model without the front bumper guard garnish.)
6. Installation of front turn signal lamps (Only model without the front bumper guard garnish.)
 - (1) Connect the connector of the front turn signal lamps.
 - (2) Install the attaching screw of the front turn signal lamps.

BO-10

7. Installation of radiator grill
 - (1) Ensure that the clips and retainer are installed properly. Also, ensure that no damage exists.
If any damage exists or the clip or retainer is missing, replace the clips or retainer with a new one.
 - (2) Install the radiator grill by connecting the retainer and four clips.
 - (3) Lock the clips by turning the head section of the clip, using a phillips screwdriver. (Four portions)
8. Install the under fender bracket by installing the attaching tapping screw and grommet. (Both sides)
9. Installation of front fog & turn signal lamp (Only model equipped with the front bumper guard garnish.)
 - (1) Connect the connectors of the wire harness to the fog lamps.
 - (2) Install the fog lamp with the attaching screws.

JBO00023-00000

FRONT FENDER COMPONENTS



JBO00024-00023

REMOVAL

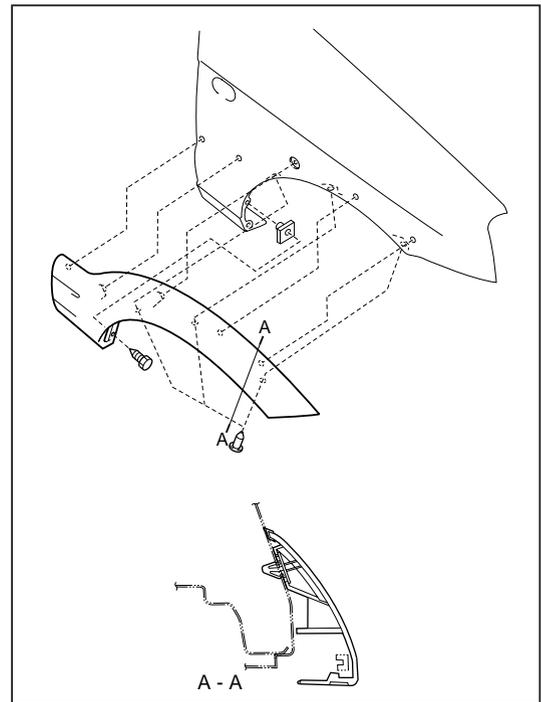
1. Remove the front bumper cover.
(Refer to the front bumper section.)
2. Remove the front mudguard by removing the three attaching bolts.
3. Remove the front fender liner attaching screw grommets.
(Refer to the front fender liner section.)



JBO00025-00024

BO-12

4. Remove the over fender from the fender panel by disconnecting the retainers while retracting the lock section, using a nosepliers or the like.
5. Remove the side turn signal lamp.
6. Remove the front fender subassembly by removing the five attaching bolts.



JBO00026-00025

INSTALLATION

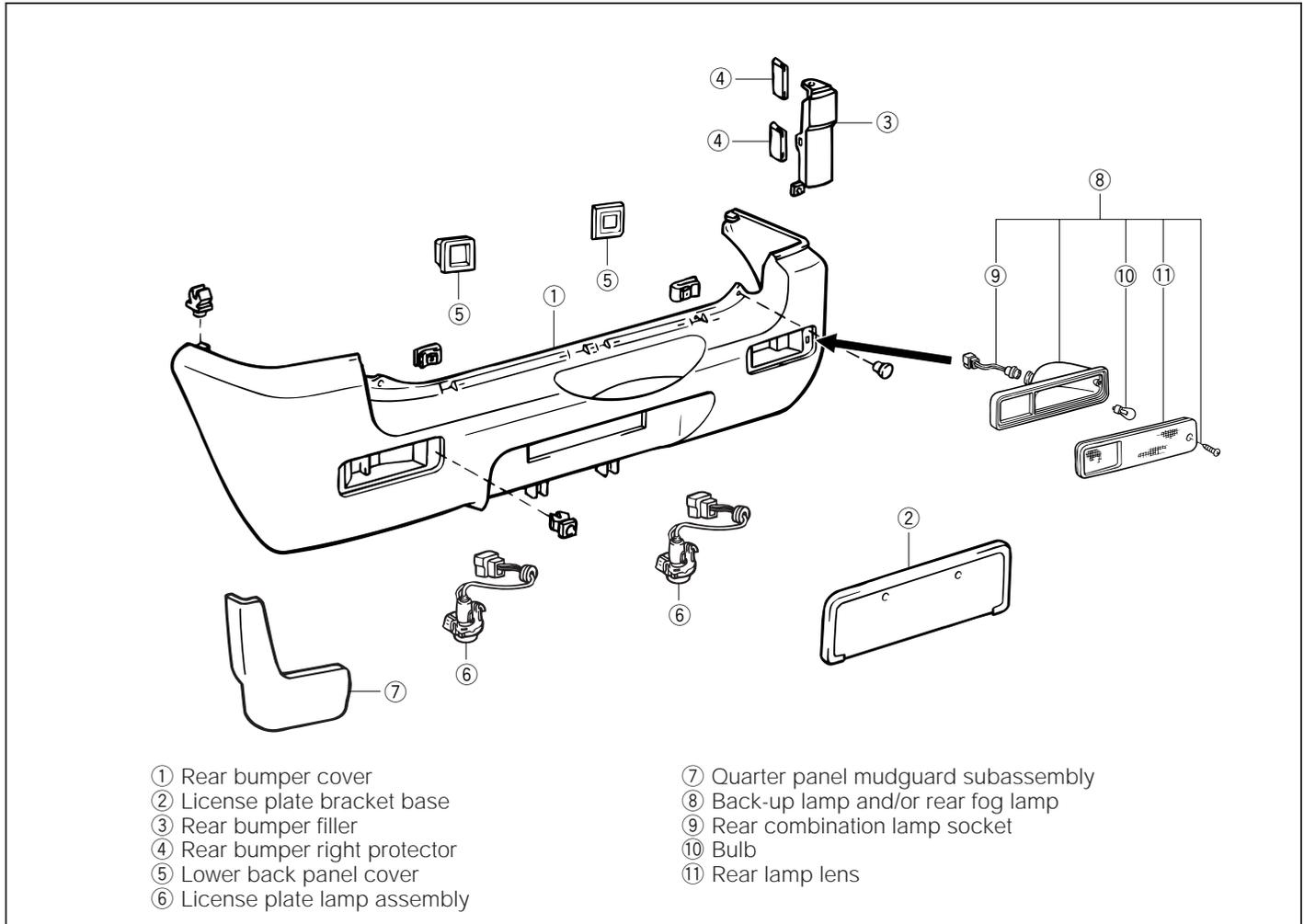
NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

1. Install the front fender subassembly with the attaching bolts and tighten them properly.
2. Install the side turn signal lamp.
3. Installation of over fender
 - (1) Ensure that the retainers are installed properly and there is no damage.
If any damage exists, replace the retainer with a new one.
 - (2) Install the over fender to the front fender by connecting the retainers on the over fender to the front fender.
 - (3) Ensure that the retainers are locked properly.
4. Install the front fender liner. (Refer to the fender liner section.)
5. Install the front mudguard with the three attaching bolts.
6. Install the front bumper. (Refer to the front bumper section.)

JBO00027-00000

REAR BUMPER COMPONENTS



JBO00028-00026

REMOVAL

1. Remove the rear bumper filler and quarter panel mudguard (when equipped) by removing the attaching screw grommets.
2. Remove the rear bumper cover attaching bolt. (Both sides)
3. Removal of back-up lamp(s) and rear fog lamp (when equipped)
 - (1) Remove the attaching screw.
 - (2) Remove the back-up lamp assembly(s) and rear fog lamp (when equipped) by disconnecting their connector.



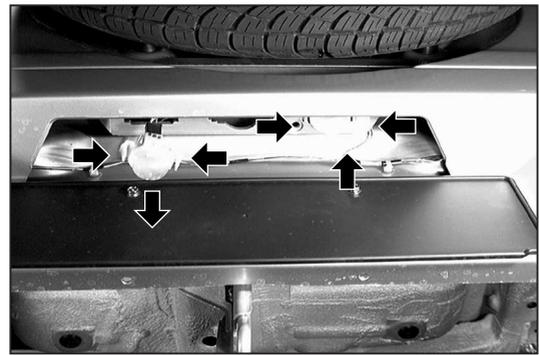
JBO00029-00027



JBO00030-00028

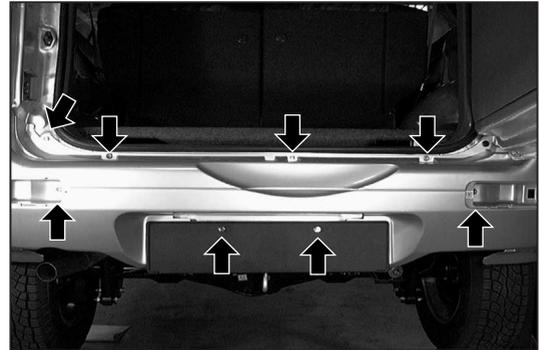
BO-14

4. Remove the license plate lamps by retracting the lock sections of the license plate lamps from the rear bumper cover.
5. Disconnect the license plate lamps from the connectors.



JBO00031-00029

6. Remove the rear bumper cover and license plate bracket base (when equipped) by removing the eight attaching bolts.



JBO00032-00030

7. Remove the lower back panel cover and air vent. (If necessary.)



JBO00033-00031

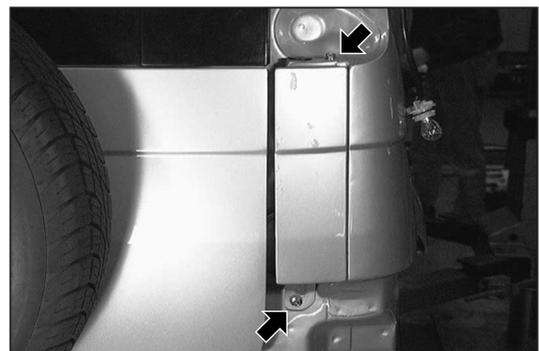
8. Removal of rear combination lamp

- (1) Remove the two attaching bolts and one screw.
- (2) Remove the rear combination lamp by disconnect the connector of the wire harness.



JBO00034-00032

9. Remove the rear bumper filler by removing the two attaching bolts.



JBO00035-00033

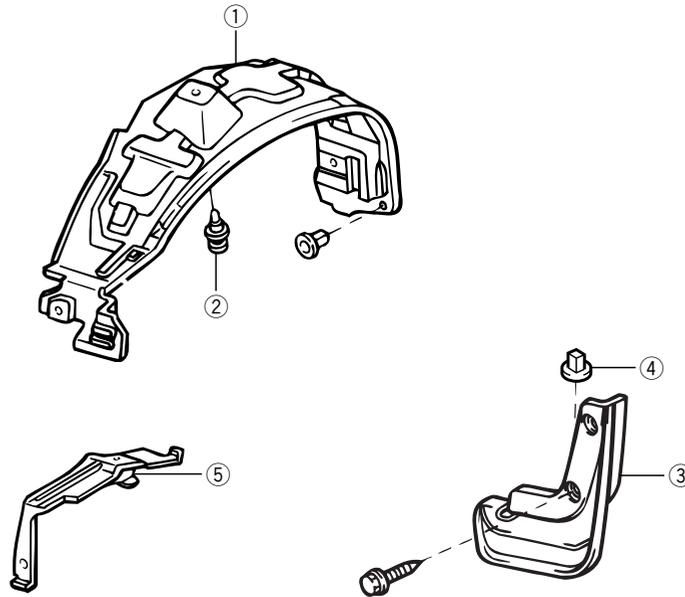
INSTALLATION**NOTE:**

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

1. Install the rear bumper filler with the two attaching bolts.
2. Installation of rear combination lamp
 - (1) Connect the connector of the wire harness to the rear combination lamp.
 - (2) Install the two attaching bolts and one screw.
3. Install the lower back panel cover and air vent. (If it has been removed.)
4. Install the rear bumper cover and license plate bracket base (when equipped) with the eight attaching bolts.
5. Install the rear bumper cover attaching screws to the fender covers and body panel at both sides.
6. Connect the license plate lamps to the connectors.
7. Install the license plate lamp(s) to the rear bumper cover and ensure that the lock section of the license plate lamps is engaged to the rear bumper cover.
8. Install the back-up lamp(s) and rear fog lamp.
 - (1) Connect the connector of the wire harness to the back-up lamp(s) and fog lamp (when equipped).
 - (2) Install the back-up lamp(s) and fog lamp (when equipped) with the attaching screw.
9. Install the rear bumper filler and quarter panel mudguard with the attaching screw grommets.

BO-16

FENDER LINER COMPONENTS



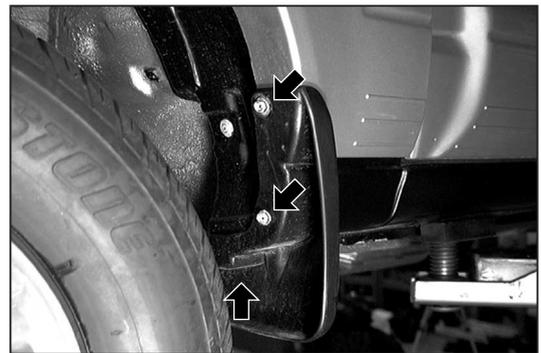
- ① Front fender liner
- ② Clip
- ③ Front fender mudguard subassembly
- ④ Grommet
- ⑤ Front bumper bracket

JBO00037-00034

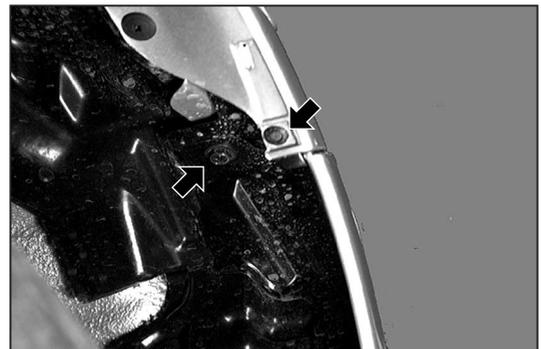
REMOVAL

1. Remove the front fender mudguard subassembly by removing the three attaching bolts.

2. Remove the under fender bracket by removing the grommet and tapping bolt.

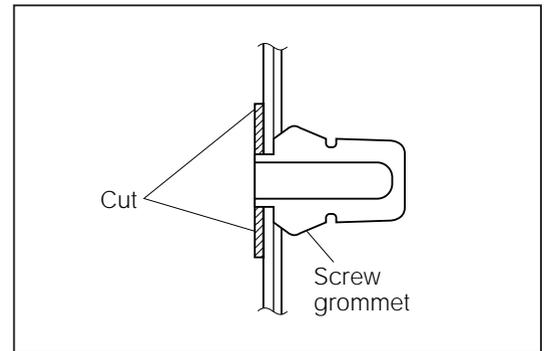


JBO00038-00035



JBO00039-00036

3. Remove the screw grommet for the tapping bolts by cutting off the hem section of the grommet as shown.



JBO00040-00037

4. Remove the ten screw type grommets by screwing them out.
5. Remove the front fender liner.



JBO00041-00038

INSTALLATION

NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

1. Install the front fender liner with the ten screw grommets.

NOTE:

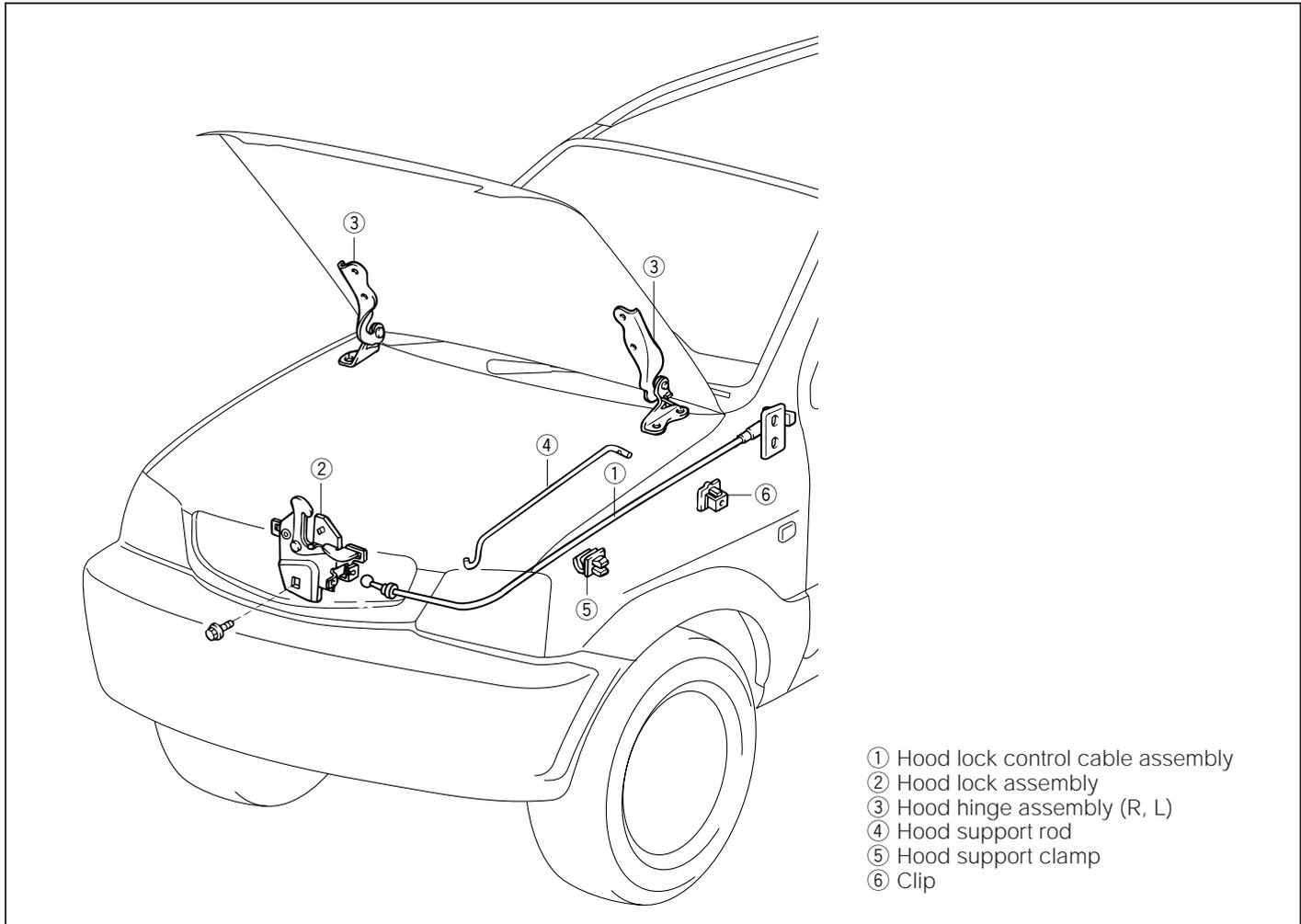
- Insert the fender liner into between the fender panel and the over fender at the three screw grommet installing positions.
- Install the three screw grommets for tapping bolts to the lower side of the fender liner.

2. Install the under fender bracket with the attaching grommet and tapping screw.
3. Install the front fender mudguard with the three attaching bolts.

JBO00042-00000

BO-18

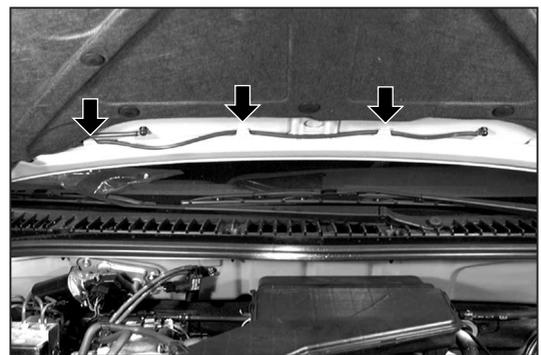
HOOD & HOOD LOCK CONTROL CABLE COMPONENTS



JBO00043-00039

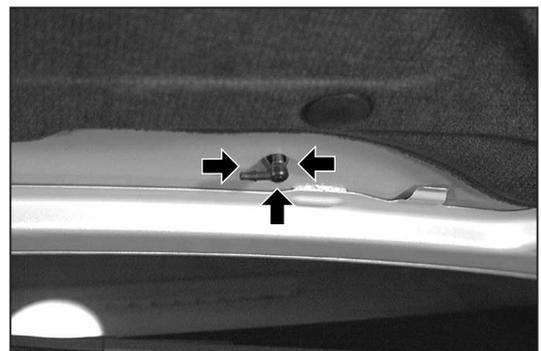
Removal of engine hood

1. Disconnect the window washer hose from the window washer nozzle(s), clamps of the engine hood and clamp.



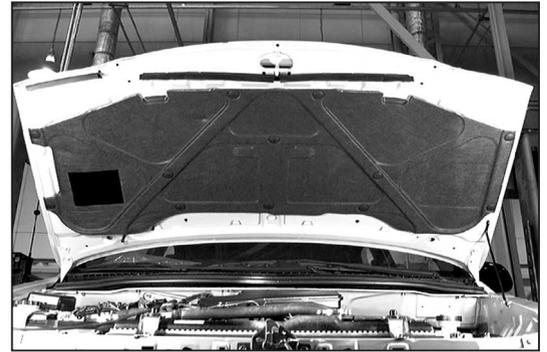
JBO00044-00040

2. Remove the window washer nozzles from the engine hood by retracting the lock sections of the window washer nozzles.



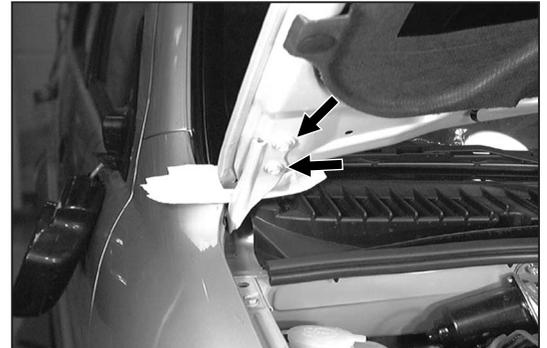
JBO00045-00041

3. Remove the insulator, the hood-to-front end panel seal and the head lamp cover-to-hood seal by removing the attaching retainers.



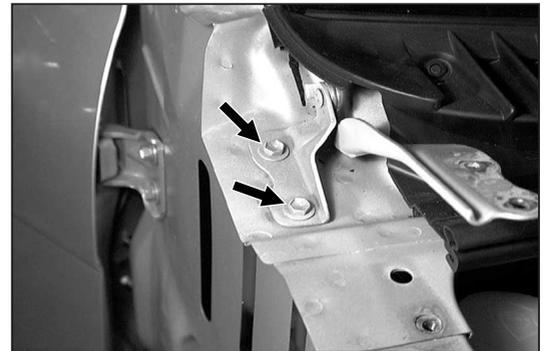
JBO00046-00042

4. Place cloths under the engine hood in order to prevent the painted surface from being damaged.
5. Loosen the attaching bolts of the engine hood which are connected to the hood hinges.
6. Remove the engine hood by removing the attaching bolts while supporting the engine hood securely.



JBO00047-00043

7. Removal of engine hood hinge
 - (1) Remove the front fender. (Refer to the front fender section.)
 - (2) Remove the engine hood hinge by removing the attaching bolts.



JBO00048-00044

Installation of the engine hood

NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

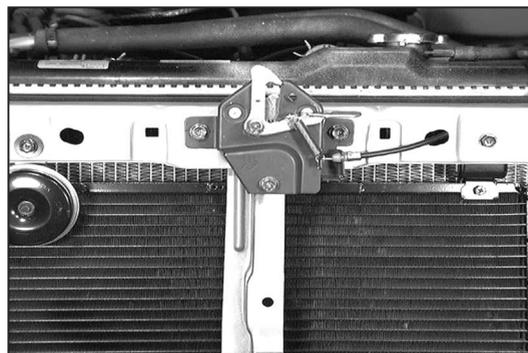
1. Installation of engine hood hinge
 - (1) Install the engine hood hinge with the attaching bolts.
 - (2) Install the front fender. (Refer to the front fender section.)
2. Place a piece of cloth under the engine hood in order to prevent the painted surface from being damaged.
3. Install the engine hood with the attaching bolts while supporting the engine hood securely.
4. Tighten the bolts attaching the engine hood to the hood hinges temporarily.
5. Remove the cloth.
6. Perform the adjustment of the engine hood alignment.
7. Install the insulator, the hood-to-front end panel seal and the head lamp cover-to-hood seal with the attaching clips.
8. Install the window washer nozzles to the engine hood.
9. Install the window washer hoses to the engine hood.
10. Connect the window washer hoses to the window washer nozzle. Tighten the attaching bolts of the engine hood which are connected to the hood hinges.

JBO00049-00000

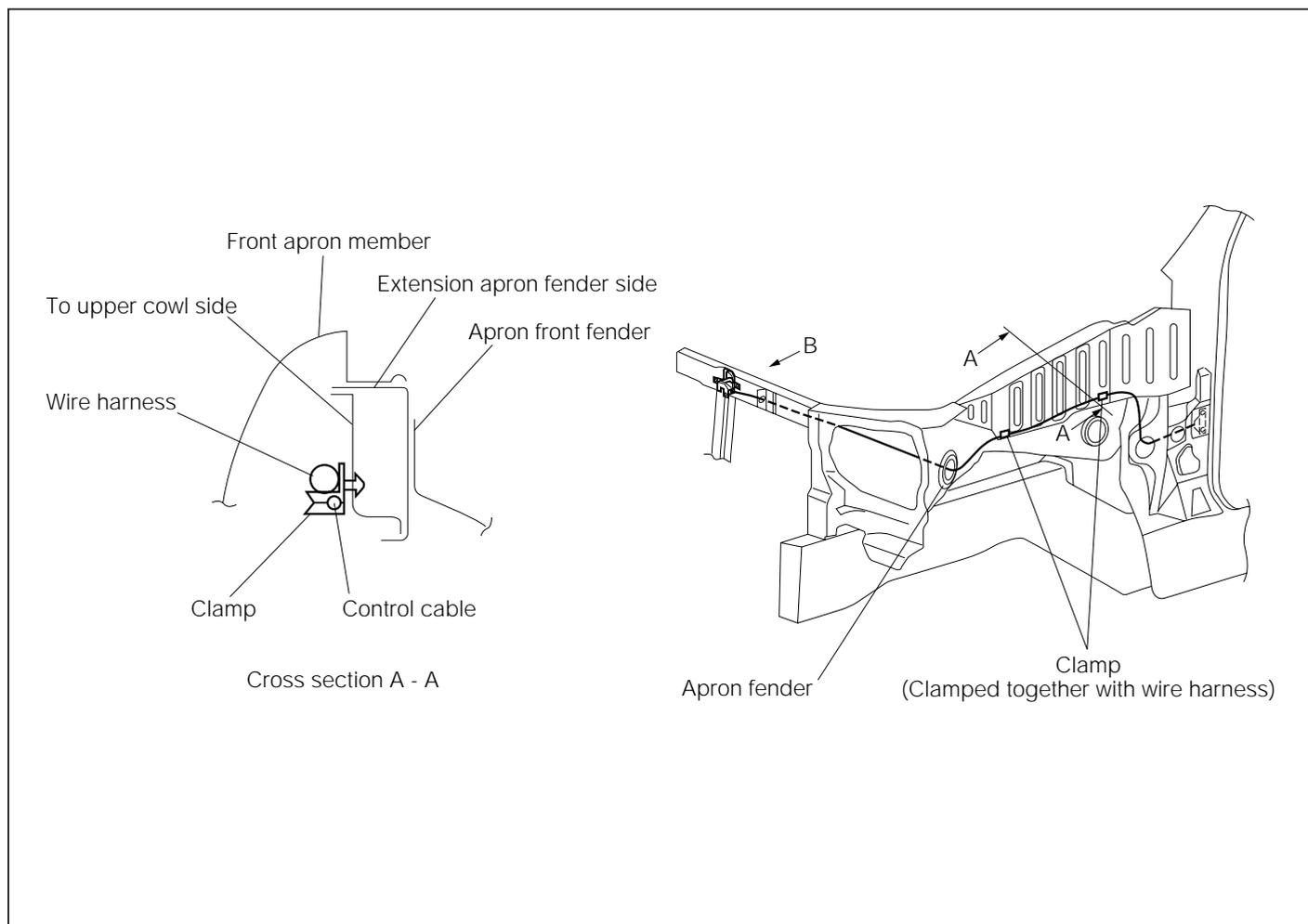
BO-20

Removal of hood lock and hood lock control cable

1. Remove the radiator grill.
(Refer to the front bumper section.)
2. Remove the front fender liner.
(Refer to the front fender liner section.)
3. Removal of hood lock assembly
 - (1) Remove the three attaching bolts of the hood lock assembly.
 - (2) Remove the hood lock assembly by disconnecting the hood control cable.
4. Remove the cowl side trim board assembly.
(Refer to the trim & garnish section.)
5. Release the control cable from the clamps.



JBO00050-00045



JBO00051-00046

6. Remove the two attaching bolts of the hood lock control handle bracket.
7. Remove the cowl side trim board subassembly. (Refer to the BO section.)
8. Remove the hood lock control cable assembly from the vehicle.

NOTE:

- For easier operation to reinstall the hood lock control cable, connect a suitable string to the end of the hood lock control cable before the removal.

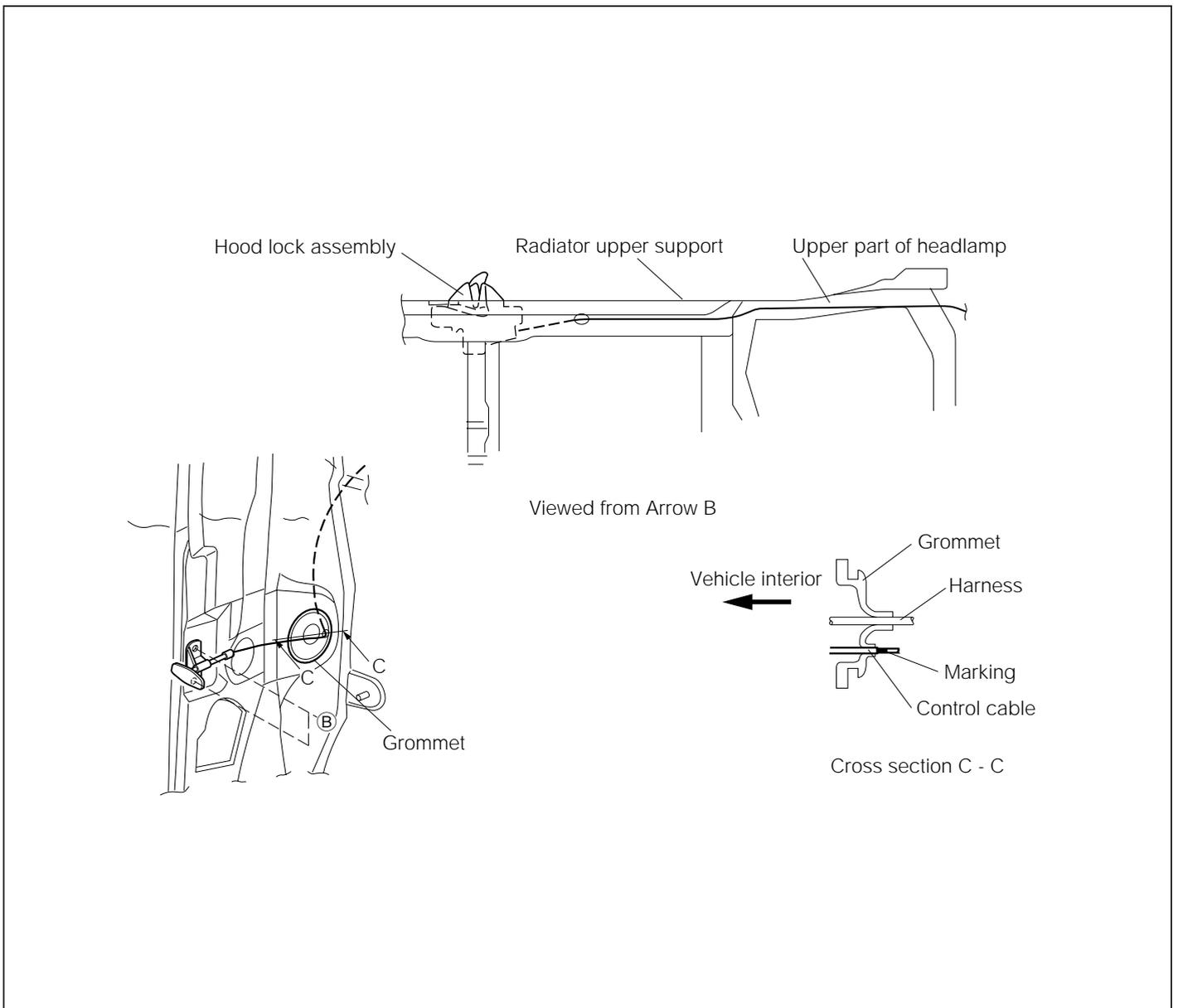
JBO00052-00000

Installation of hood lock and hood lock control cable

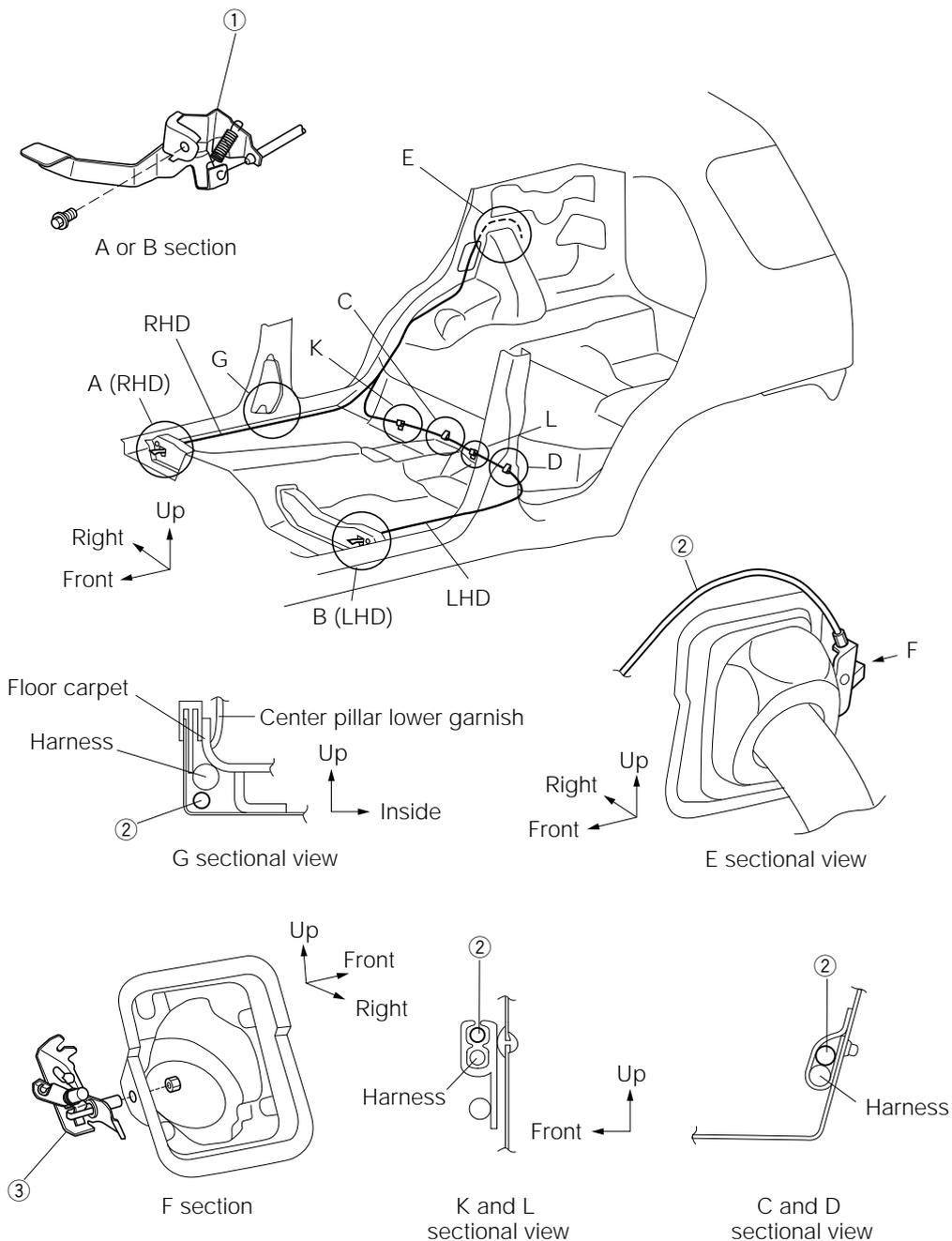
NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

1. Insert the hood lock control cable assembly to the front fender side from the cabin and route it as shown.
2. Install the hood lock control cable handle with the attaching bolts and tighten them properly.
3. Install the cowl side trim board assembly. (Refer to the trim & garnish section.)
4. Connect the hood lock control cable to the clamps provided in the fender liner as shown.
5. Connect the hood lock control cable to the hood lock assembly.
6. Install the hood lock assembly with the three attaching bolts.
7. Perform the adjustment of the engine hood alignment.
(Refer to the engine hood alignment.)
8. Install the front fender liner.
(Refer to the front fender liner section.)
9. Install the radiator grill.
(Refer to the front bumper section.)



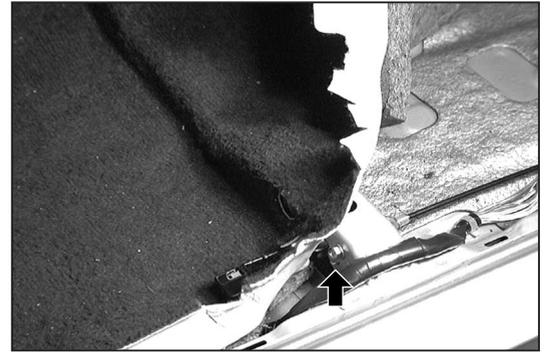
FUEL LID OPENER COMPONENTS



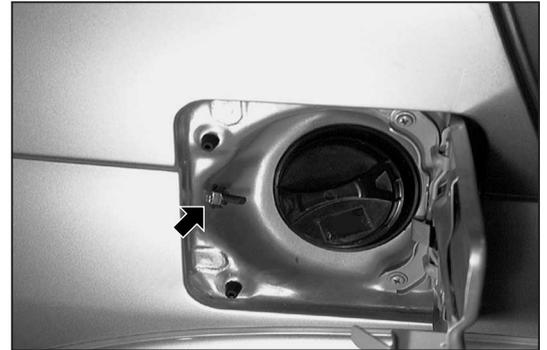
- ① Back door lock open lever subassembly
- ② Fuel lid lock control cable subassembly
- ③ Fuel filler opening lid lock subassembly

REMOVAL

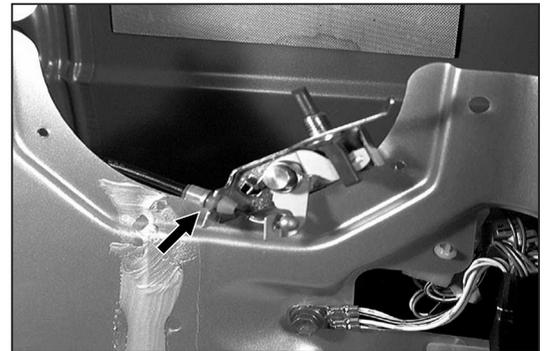
1. Remove the front driver's seat. (Refer to the front seat section.)
2. Remove the rear seat. (Refer to the rear seat section.) (Left hand drive vehicle only.)
3. Remove the right side rear door scuff plate assembly. (Refer to the trim & garnish section.)
4. Remove the right side deck side trim. (Refer to the trim & garnish section.)
5. Turn over the floor carpet.
6. Remove the back door lock open lever subassembly by removing the attaching bolt.
7. Disconnect the fuel lid lock control cable from the back door lock open lever subassembly.
8. Remove the fuel filler opening lid lock subassembly from the fuel inlet box by removing the attaching nut.
9. Disconnect the fuel lid lock control cable from the fuel filler opening lid lock subassembly.
10. Remove the fuel lid control cable from the vehicle.



JBO00055-00050



JBO00056-00051



JBO00057-00052

INSTALLATION

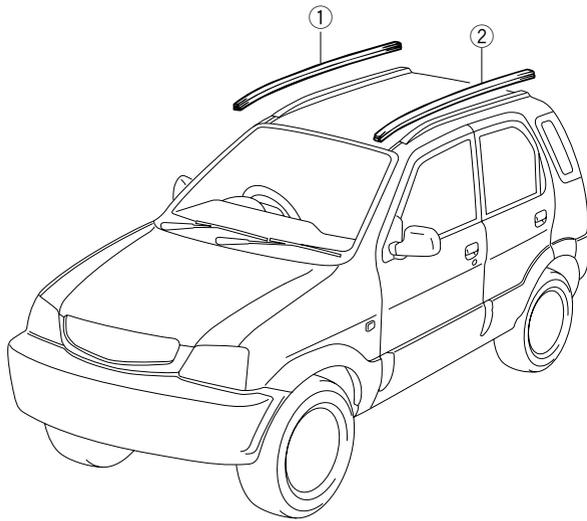
NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

1. Route the fuel lid lock control cable in the vehicle.
2. Connect the fuel lid lock control cable to the fuel filler opening lid lock subassembly.
3. Install the fuel filler opening lid lock subassembly to the fuel inlet box with the attaching nut.
4. Connect the fuel lid lock control cable to the back door lock open lever subassembly.
5. Install the back door lock open lever subassembly with the attaching bolts.
6. Place the floor carpet on the floor. (Refer to the trim & garnish section.)
7. Install the right side deck side trim. (Refer to the trim & garnish section.)
8. Install the right side rear door scuff plate. (Refer to the trim & garnish section.)
9. Install the rear seat. (Refer to the rear seat section.)
10. Install the front driver's seat. (Refer to the front seat section.)

JBO00058-00000

ROOF DRIP MOLDING COMPONENTS



- ① Roof drip side finish right molding
- ② Roof drip side finish left molding

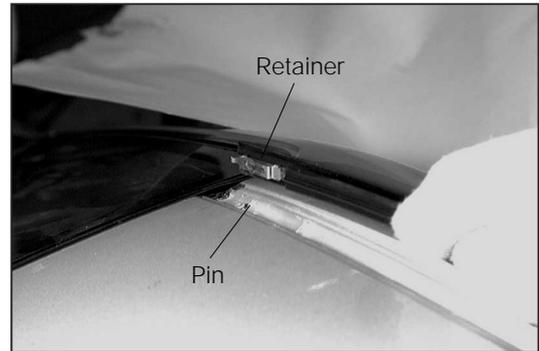
JBO00059-00053

REMOVAL

1. Remove the rear combination lamp.
2. Removal of roof drip molding
Pull up the roof drip molding from the rear side gradually. Then remove the molding by pulling it backward to disengage the retainer on the molding from the pin on the roof panel.

NOTE:

- Do not reuse the removed roof drip molding.



JBO00060-00054

INSTALLATION

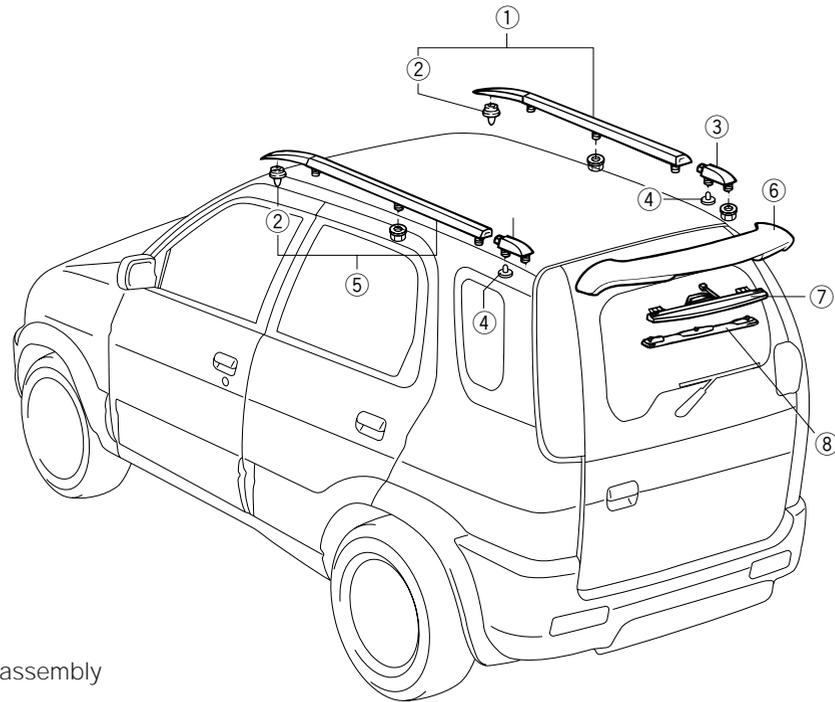
NOTE:

- Do not reuse the removed roof drip molding.

1. Connect the retainer on the roof drip molding to the pin on the roof panel and insert the front end of the roof drip molding into the weatherstrip of the front windshield glass.
2. Insert the roof drip molding by push it to the groove on the roof panel.
3. Install the rear combination lamp assembly.

JBO00061-00000

ROOF RAIL & ROOF END SPOILER COMPONENTS

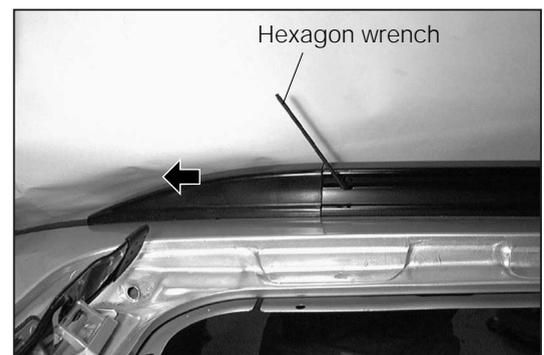


- ① Right roof rack assembly
- ② Clip
- ③ Rear right roof rack assembly
- ④ Clip
- ⑤ Left roof rack assembly
- ⑥ Rear spoiler subassembly
- ⑦ Stop center lamp assembly
- ⑧ Rear spoiler No. 1 cover

JBO00062-00055

REMOVAL

1. Remove the attaching screw of the front roof rack covers by a hexagon wrench.
2. Pull out the front roof rack covers.

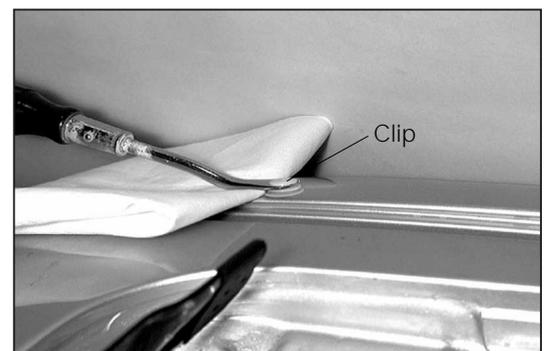


JBO00063-00056

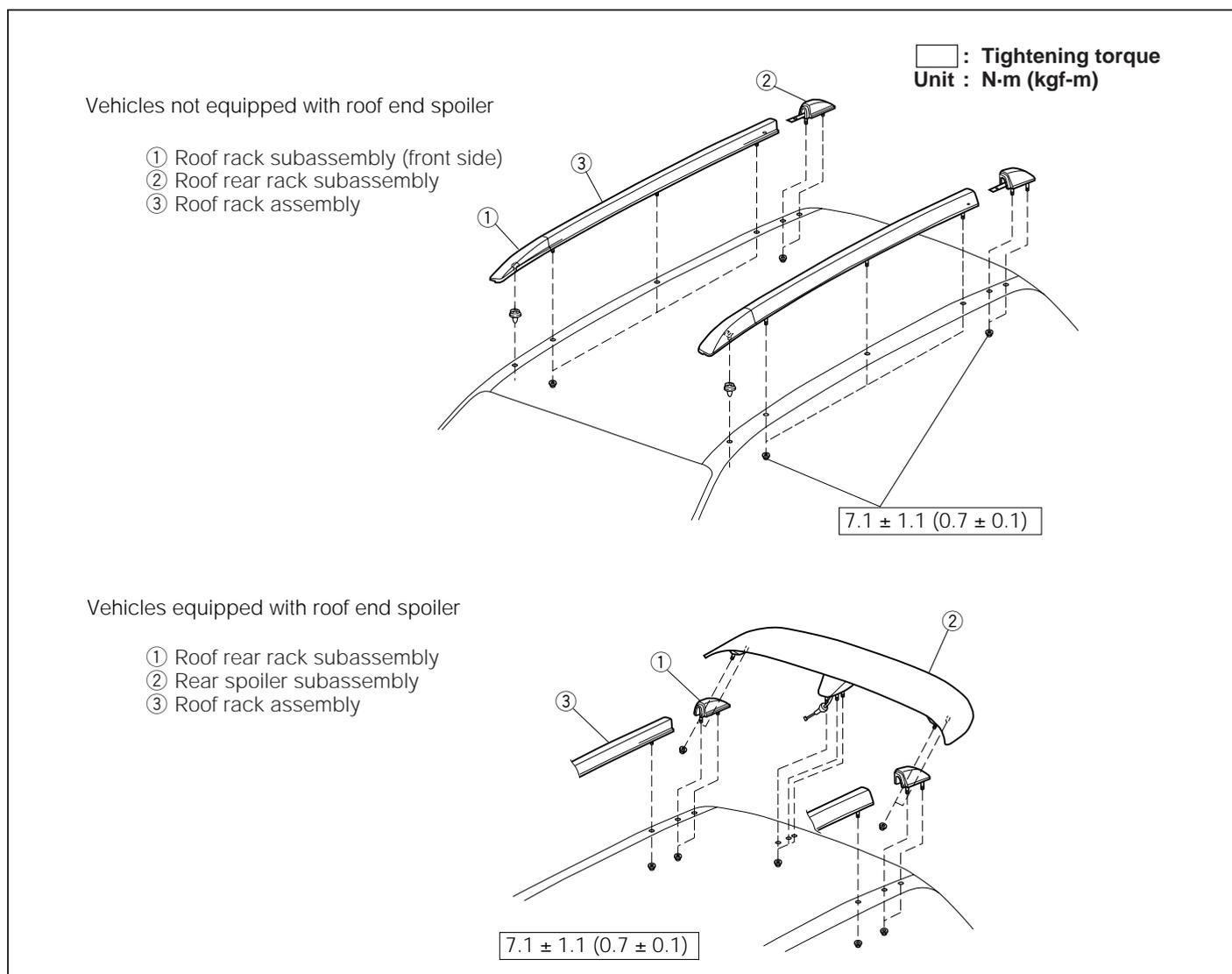
3. Remove the clip, using a clip remover.

CAUTION:

- Be sure to prevent the painted surface of the roof panel from being scratched by inserting a piece of cloth into between the clip remover and the roof panel as shown.



JBO00064-00057



JBO00000-00058

4. Remove the roof lining.
(Refer to the trim & garnish section.)
5. Remove the six bolts attaching the rear spoiler and roof rear rack. (Model equipped with rear spoiler.)
6. Disconnect the retainer on the rear spoiler from the roof panel. (Model equipped with rear spoiler.)
7. Gradually lift up the rear spoiler. Then disconnect the connector of the wire harness from the connector of the high mount stop lamp. (Model equipped with high mount stop lamp.)
8. Remove the rear spoiler with the roof rear racks from the roof panel. (Model equipped with rear spoiler.)
9. Remove the roof rack assembly at each side by removing the three of the five attaching nuts of the roof rack assembly.
10. Remove the roof rear rack from the rear spoiler subassembly by removing the attaching nuts. (Model equipped with rear spoiler.)

NOTE:

- Do not damage the harness of the high mount stop lamp during the removal.

11. Remove the high mount stop lamp from the rear spoiler by removing the attaching screws. (Model equipped with rear spoiler and high mount stop lamp.)
12. Separate the roof rack from roof rear rack. (Model equipped with roof rack without rear spoiler.)
13. Remove the clips from the rear spoiler subassembly. (Model equipped with rear spoiler.)

JBO00065-00000

INSTALLATION

NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

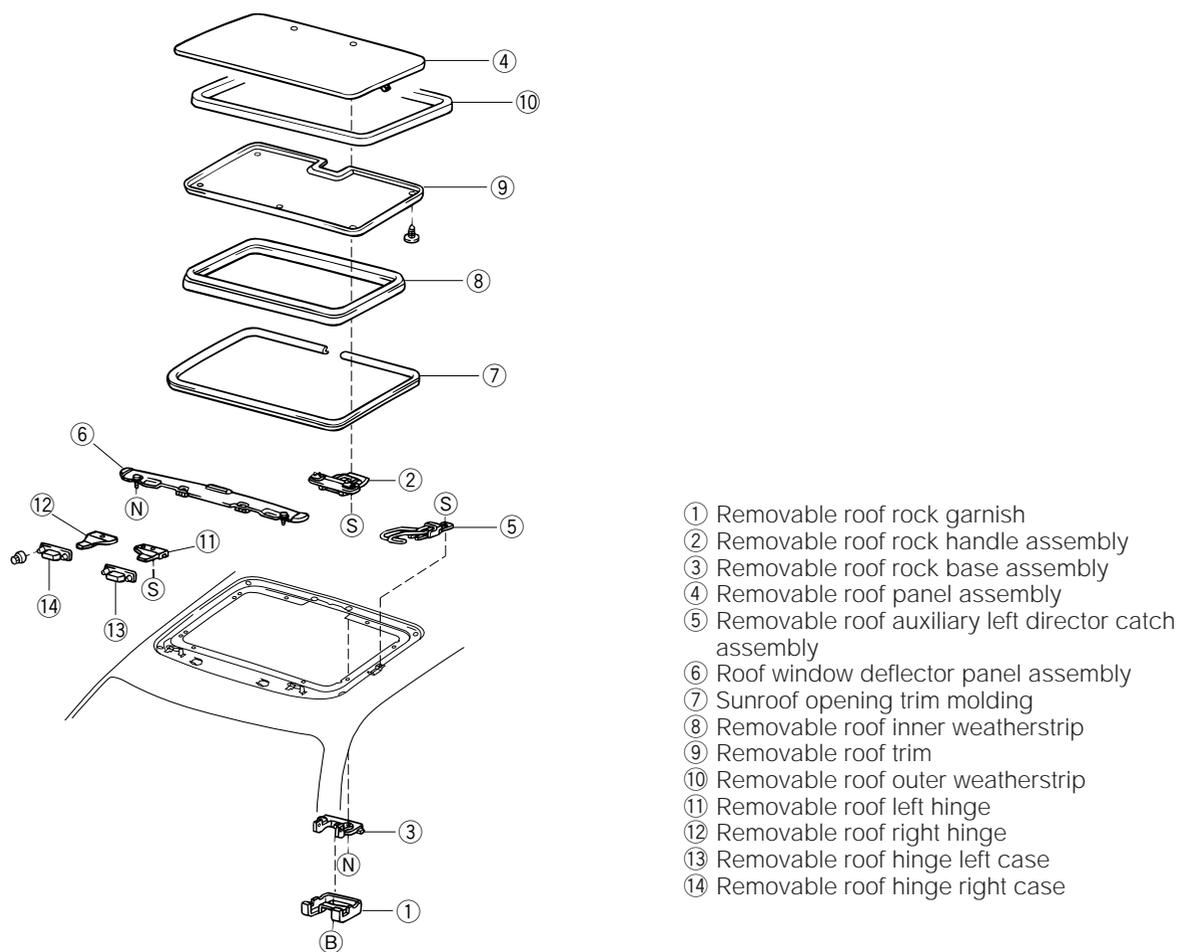
1. Install the three clips to the rear spoiler subassembly. (Model equipped with rear spoiler.)
2. Install the high mount stop lamp to the rear spoiler with the attaching screws. (Model equipped with rear spoiler and high mount stop lamp.)
3. Install the roof rear racks to the rear spoiler subassembly with the attaching nut. (Model equipped with rear spoiler.)
4. Install the each side of roof rack assembly with the five or three attaching nuts.
5. Install the rear spoiler with the roof racks to the roof panel with the attaching nuts. (Model equipped with rear spoiler.)

NOTE:

- Be sure to connect the connector of the wire harness to the connector of the high mount stop lamp. (Model equipped with high mount stop lamp.)
- Ensure that the retainer is connected to the roof panel properly.

6. Install the roof lining. (Refer to the trim & garnish section.)
7. Install the clip for the front roof rack covers to the roof panel.
8. Insert the front roof rack cover from the front side. Ensure that the front roof rack cover is engaged with the clip properly.
9. Install the attaching screw of the front roof rack cover, using a hexagon wrench.

REMOVABLE ROOF COMPONENTS



- ① Removable roof rock garnish
- ② Removable roof rock handle assembly
- ③ Removable roof rock base assembly
- ④ Removable roof panel assembly
- ⑤ Removable roof auxiliary left director catch assembly
- ⑥ Roof window deflector panel assembly
- ⑦ Sunroof opening trim molding
- ⑧ Removable roof inner weatherstrip
- ⑨ Removable roof trim
- ⑩ Removable roof outer weatherstrip
- ⑪ Removable roof left hinge
- ⑫ Removable roof right hinge
- ⑬ Removable roof hinge left case
- ⑭ Removable roof hinge right case

JBO00067-00059

REMOVAL

1. Remove the removable sunroof. (Refer to the owner's manual.)
2. Remove the removable roof lock garnish by removing the two attaching bolts.
3. Remove the removable roof lock handle assembly by removing the attaching screws.
4. Remove the removable roof lock base assembly from the removable roof panel by removing the attaching nuts.
5. Remove the removable roof trim by removing the retainers.
6. Remove the removable roof hinges from the removable roof panel by removing the attaching screws.
7. Remove the removable roof outer weather strip from the roof panel.
8. Remove the sunroof opening trim molding and removable roof inner weatherstrip.
9. Remove the roof headlining. (Refer to the trim & garnish section.)
10. Remove the roof window deflector panel assembly by removing the two attaching nuts.
11. Remove the removable roof hinge case by removing the attaching screws.

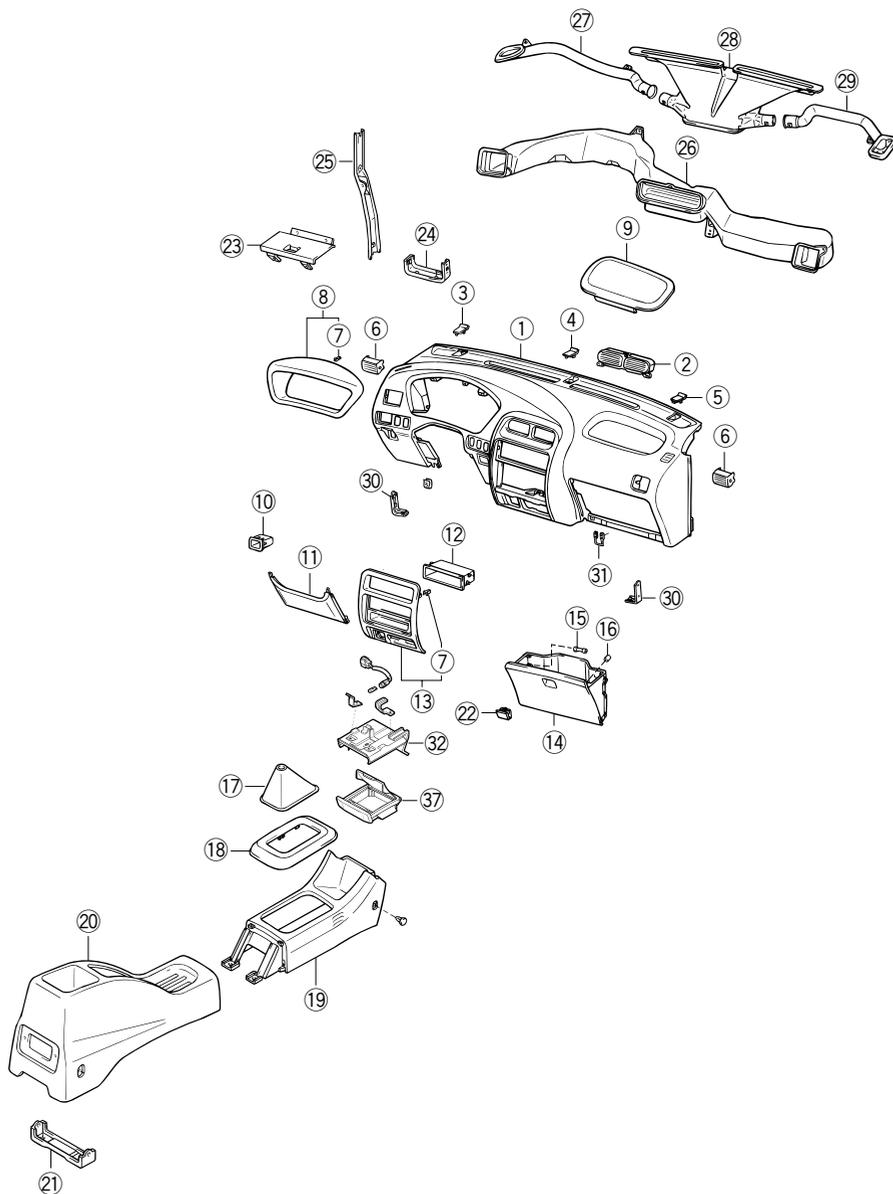
JBO00068-00000

INSTALLATION**NOTE:**

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustrations in the removal procedure in cases where any difficulty is encountered.

1. Install the removable roof hinge case with the attaching screws.
2. Install the roof window deflector panel assembly with the two attaching nuts.
3. Install the roof headlining. (Refer to the trim & garnish section.)
4. Install the sunroof opening trim molding and removable roof inner weatherstrip.
5. Install the removable roof outer weatherstrip to the roof panel.
6. Install the removable roof hinges to the removable roof panel with the attaching screws.
7. Install the removable roof trim with the retainers.
8. Install the removable roof lock base assembly to the removable roof panel with the attaching nuts.
9. Install the removable roof lock handle assembly with the attaching screws.
10. Install the removable roof lock garnish with the two attaching bolts.
11. Install the removable sunroof. (Refer to the owner's manual.)

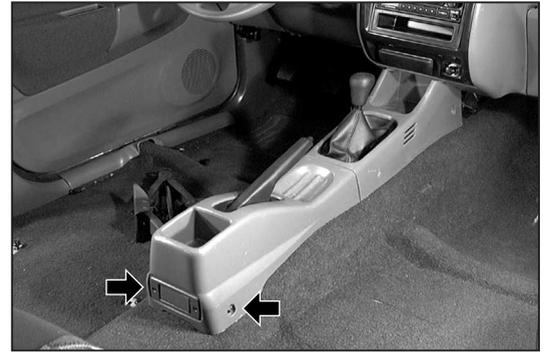
INSTRUMENT PANEL COMPONENTS



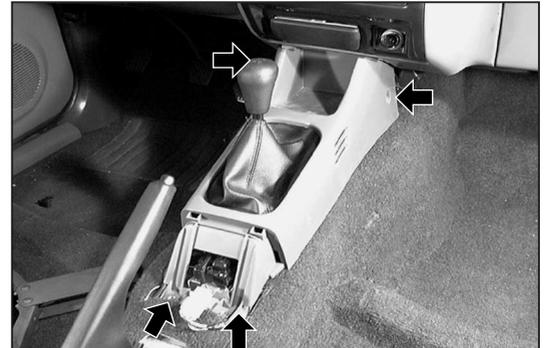
- | | |
|---|---|
| ① Instrument panel subassembly | ⑱ Shifting hole flame |
| ② Instrument panel center register assembly | ⑲ Console panel |
| ③ Instrument panel hole No. 3 cover | ⑳ Rear console box assembly |
| ④ Instrument panel hole No. 2 cover | ㉑ Rear console box support bracket |
| ⑤ Instrument panel hole No. 1 cover | ㉒ Glove compartment door lock subassembly |
| ⑥ Instrument panel No. 2 register assembly | ㉓ Instrument panel mounting bracket subassembly |
| ⑦ Clip | ㉔ Instrument panel to floor bracket |
| ⑧ Instrument cluster finish panel subassembly | ㉕ Instrument panel No. 1 brace subassembly |
| ⑨ Air bag assembly (Passenger) | ㉖ Heater to register center duct subassembly |
| ⑩ Cash box | ㉗ Side ventilator right duct subassembly |
| ⑪ Instrument panel finish lower panel | ㉘ Defroster nozzle assembly |
| ⑫ Radio tuner opening cover | ㉙ Side ventilator left duct subassembly |
| ⑬ Instrument cluster finish center panel assembly | ⑳ Bracket |
| ⑭ Glove compartment subassembly | ㉑ Glove compartment door striker |
| ⑮ Glove compartment door hinge | ㉒ Front ash receptacle retainer subassembly |
| ⑯ Glove compartment cushion | ㉓ Front ash receptacle box |
| ⑰ Shifting hole cover | |

REMOVAL

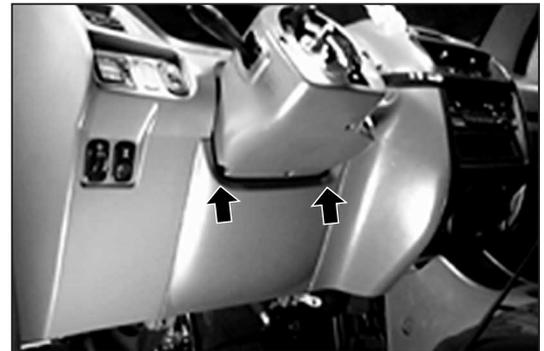
1. Disconnect the battery ground cable terminal from the negative terminal of the battery.
2. Remove the front seats. (Refer to the front seat section.)
3. Removal of console box assembly
 - (1) Remove the rear console box assembly by removing the two attaching screws.
 - (2) Remove the shift lever knob from the shift lever. (Only for manual transmission vehicle.)
 - (3) Remove the console panel by removing the two attaching bolts and two clips.
4. Remove the instrument panel finish lower panel by removing the two attaching screws. Then unlock the lock on the instrument panel finish lower panel by pulling it out while holding the instrument panel.
5. Remove the steering column assembly. (Refer to the SR section for more details of the removal and installation of the column assembly.)
 - (1) Disconnect the steering column assembly-related connectors.
 - (2) Remove the four attaching bolts of the steering column assembly.
6. Remove the two attaching screws of the instrument cluster finish panel subassembly.
7. Pull out the instrument cluster finish panel subassembly from the instrument panel to disengage the locks provided on the instrument cluster finish panel subassembly.
8. Remove the instrument cluster finish panel subassembly.
9. Removal of various switches
 - (1) Push out the various switches from the inside of the instrument panel.
 - (2) Disconnect the switches from the connector.
 - (3) Put the switch connectors into the inside of the instrument panel.



JBO00071-00061



JBO00072-00062



JBO00073-00063



JBO00074-00064



JBO00075-00065

10. Removal of combination meter assembly

(1) Remove the three attaching bolts.



JBO00076-00066

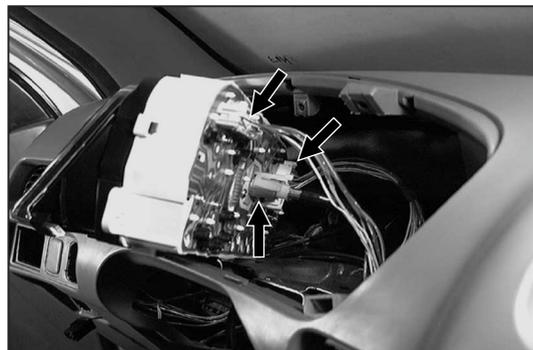
(2) Gradually raise the combination meter assembly.

(3) Disconnect the connectors and speedometer cable from the combination meter assembly.

NOTE:

- Refer to the BE section for more details.

(4) Remove the combination meter.



JBO00077-00067

11. Remove the glove compartment subassembly by removing the glove compartment door hinge, using a clip remover.



JBO00078-00068

12. Removal of instrument cluster finish center panel assembly

(1) Pull out the cigarette lighter heater.

(2) Remove the two attaching screws of the instrument cluster finish center panel.

(3) Remove the front ash receptacle box from the front ash receptacle retainer subassembly.

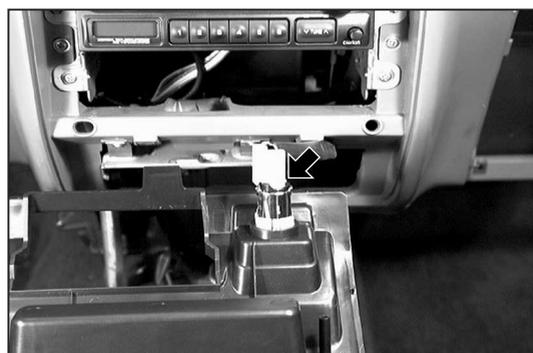
(4) Unlock the two locks provided on the instrument cluster finish center panel assembly. Then, remove the instrument cluster finish center panel assembly.



JBO00079-00069

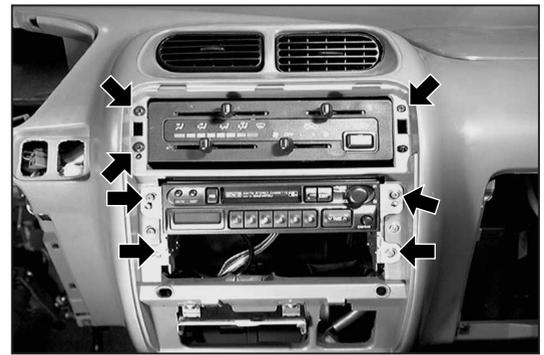
(5) Disconnect the cigarette lighter connector.

(Refer to the BE section for removal of the cigarette lighter.)



JBO00080-00070

13. Remove the three attaching screws of the heater control panel assembly.
14. Disconnect the connector of the wire harness from the radio tuner or cassette player.
15. Disconnect the antenna cable from the radio tuner.
16. Remove the radio tuner opening cover, radio tuner or cassette player by removing the attaching screws.



JBO00081-00071

17. Removal of cowl side trim board assembly (Both sides) (Refer to the trim and garnish section.)



JBO00082-00072

18. Removal of front door pillar garnish (Both sides)
 - (1) Remove the front door opening molding.
 - (2) Disconnect the door trim retainers provided on the front door pillar garnish by disengaging the retainers, using a clip remover or the like.
 - (3) Remove the front pillar garnish from the front pillar.

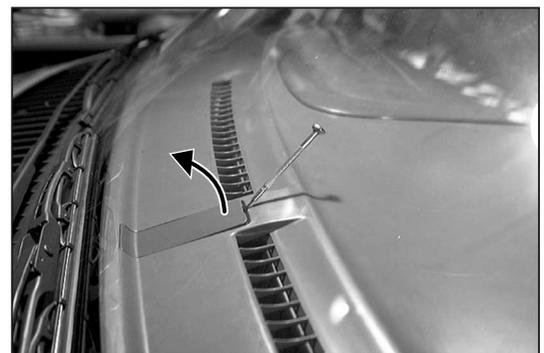


JBO00083-00073

19. Remove the instrument panel hole covers No. 1, No. 2 and No. 3 from the instrument panel, using a minor screwdriver or the like.

CAUTION:

- Be very careful not to scratch the instrument panel and hole covers No. 1, No. 2 and No. 3 during the removal.

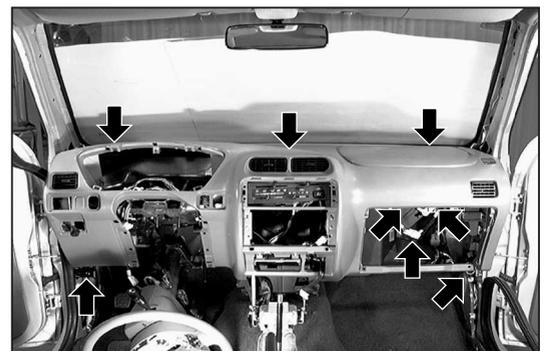


JBO00084-00074

20. Disconnect the connector of the wire harness from the connector of the airbag. (For front passenger airbag equipped model only. Refer to the BE section for the correct manner of disconnection.)

CAUTION:

- Be sure to disconnect this connector by referring to the BE section. Failure to observe this caution may lead to serious malfunction.



JBO00085-00075

BO-34

21. Remove the instrument panel subassembly by removing the attaching bolts.

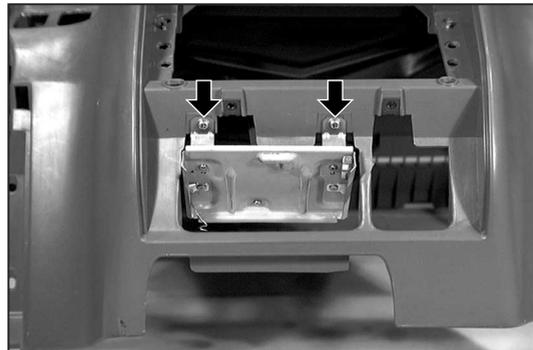
If any difficulty is encountered in removing the attaching bolt of the rear hood lock control handle attaching bracket of the instrument panel, prior to the removal of the instrument panel, remove the hood lock control handle bracket by removing the two attaching bolts.

CAUTION:

- Be sure to remove the two attaching bolts of passenger side airbag, if model equipped with passenger side airbag.

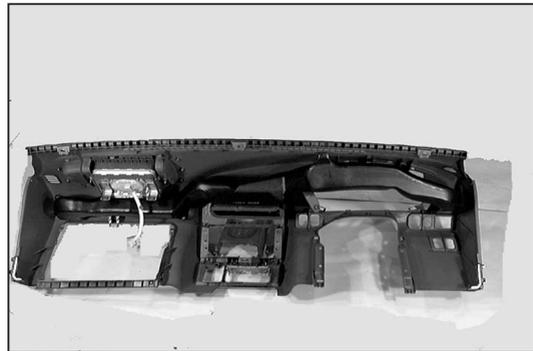
22. Remove the front ash receptacle retainer by removing the attaching screws.

JBO00086-00000



JBO00087-00076

23. Remove the heater-to-register center duct subassembly by removing the five attaching screws.



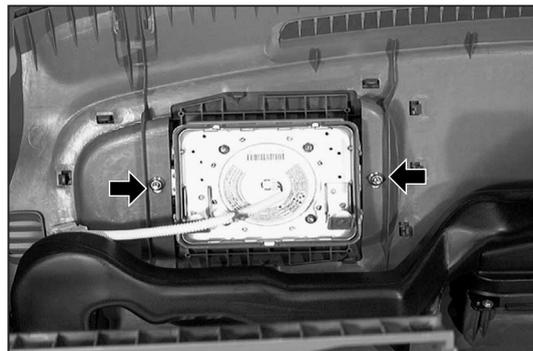
JBO00088-00077

24. Removal of airbag at front passenger seat side
(Only for model equipped with front passenger seat side airbag)

WARNING:

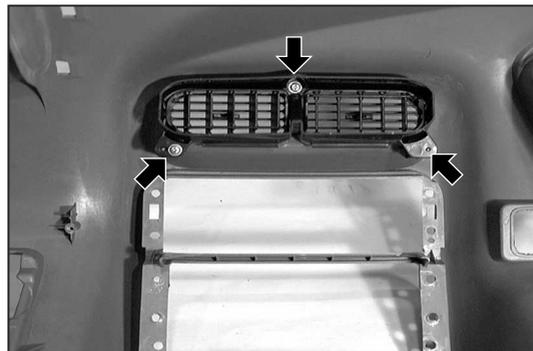
- Be sure to follow the instruction mentioned in the airbag section in the BE section of the service manual before performing the removal of the front passenger seat airbag.

- (1) Remove the two attaching nuts of the front passenger seat airbag assembly.
- (2) Remove the front passenger seat airbag assembly from the instrument panel by unlocking the locks provided on the airbag assembly.



JBO00089-00078

25. Removal of instrument panel center register assembly by removing the attaching screws.



JBO00090-00079

26. Remove the register assembly No. 2 of the instrument panel by unlocking the lock section on the instrument panel assembly.

CAUTION:

- Do not enlarge the attaching portion of the instrument panel more than necessary to remove the register.

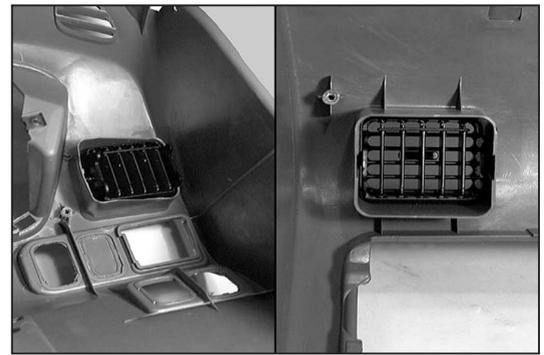
27. Remove the defroster nozzle assembly and side defroster duct subassembly (right and left) from the cowl panel and bracket by removing the attaching screws and bolt.

28. Removal of instrument panel reinforcement assembly (Only when equipped)

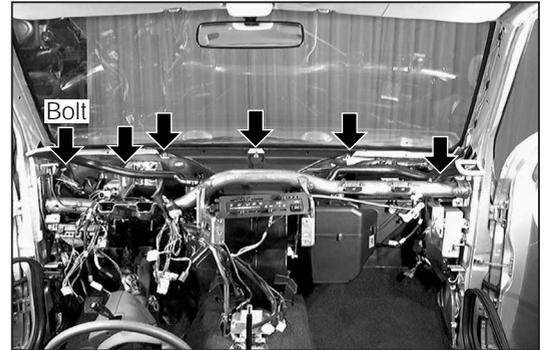
- (1) Disconnect the relay box from the bracket by removing attaching bolt, while unlocking the lock of the relay box.

Disconnect the wire clamps and antenna cable from the reinforcement.

- (2) Remove the instrument panel reinforcement assembly by removing the attaching bolts and nut.



JBO00091-00080



JBO00092-00081

INSTALLATION

NOTE:

- Basically the installation procedure is reverse to the removal procedure. Therefore, illustrations are not given in this installation procedure. Refer to the illustration in the removal procedure in cases where any difficulty is encountered.

1. Installation of instrument panel reinforcement assembly (Only when equipped)
 - (1) Install the instrument panel reinforcement assembly with the attaching bolts and nuts.
 - (2) Install the relay box to its bracket.
2. Install the defroster nozzle assembly and side defroster duct subassembly with the attaching screws (right and left) to the cowl panel and bracket.
3. Install the register assembly No. 2 of the instrument panel to the instrument panel subassembly.

CAUTION:

- Do not enlarge the instrument panel more than necessary.

4. Install the instrument panel center register assembly to the instrument panel subassembly with the attaching screws .
5. Installation of front passenger seat side airbag

WARNING:

- Be sure to refer to the handling instruction mentioned in the BE section before performing the installation of the front passenger seat side airbag. Failure to observe this warning may lead to serious trouble or malfunction.

- (1) Install the front passenger seat side airbag assembly to the instrument panel and ensure that the locks on the front passenger seat side airbag assembly are locked to the instrument panel properly.
- (2) Install the two attaching nuts of the front passenger seat side airbag and tighten them securely.
6. Install the heater-to-register center duct subassembly with the attaching screws.
7. Install the front ash receptacle retainer with the attaching screws.
8. Install the instrument panel subassembly with the attaching bolts.

CAUTION:

- Be sure to tighten the attaching bolts of passenger side airbag to the specified tightening torque, if model equipped with passenger side airbag.

Tightening Torque: 6.7 ± 1.6 N·m (0.7 ± 0.2 kgf·m)

9. Connect the connector of the wire harness to the connector of the front passenger airbag.

WARNING:

- ❑ Be sure to refer to the instruction in the BE section. Failure to observe this warning may lead to serious trouble or malfunction.

10. Install the instrument panel hole covers No. 1, No. 2 and No. 3 to the instrument panel.

11. Installation of front door pillar garnish (Both sides)

- (1) Ensure that the clips of the front pillar garnish are installed properly.
- (2) Insert the protrusion section of the front pillar garnish provided at its lower side to the pillar hole.
- (3) Insert the locator on the front pillar garnish into the front pillar.
- (4) Push in the front pillar garnish to engage the retainers with the front pillar.
- (5) Install the front door opening trim.

12. Install the cowl side trim board assembly. (Both sides) (Refer to the trim and garnish section.)

13. Install the radio tuner or cassette player by installing the attaching screws.

14. Connect the antenna cable to the radio tuner.

15. Connect the connector of the wire harness to the radio tuner or the cassette player.

16. Connect the heater control panel assembly and install it to the instrument panel by installing the attaching screws.

17. Installation of instrument cluster panel assembly

- (1) Connect the cigarette lighter connector to the cigarette lighter.

NOTE:

- ❑ Refer to the BE section for installation of the cigarette lighter.
- ❑ Prior to the installation, ensure that the retainer clips are installed on the instrument cluster assembly.

- (2) Insert the instrument cluster panel assembly into the instrument panel and ensure that the retainers are locked properly.

- (3) Insert the cigarette lighter heater.

18. Install the front ash receptacle box to the ash receptacle retainer subassembly.

19. Install the glove compartment subassembly with the clip, using a clip remover.

20. Installation of combination meter assembly

- (1) Connect the connectors and speedometer cable to the combination meter assembly.

NOTE:

- ❑ Refer to the BE section for more details.

- (2) Install the combination meter into the instrument panel.

- (3) Install and tighten the three attaching bolts.

21. Installation of various switches

- (1) Pull out the switch connectors from each switch attaching hole of the instrument panel.

- ❑

- (2) Connect the switches to the connector securely.

- (3) Install the various switches to the instrument panel.

22. Install the steering wheel with the steering column tube subassembly by means of the four attaching bolts securely. (Refer to the SR section.)

23. Install the instrument panel finish lower panel and secure it with the two attaching screws.

24. Installation of console box assembly

- (1) Install the console panel with the two attaching bolts and two clips.

- (2) Install the shift lever knob to the shift lever. (Only for manual transmission vehicle.)

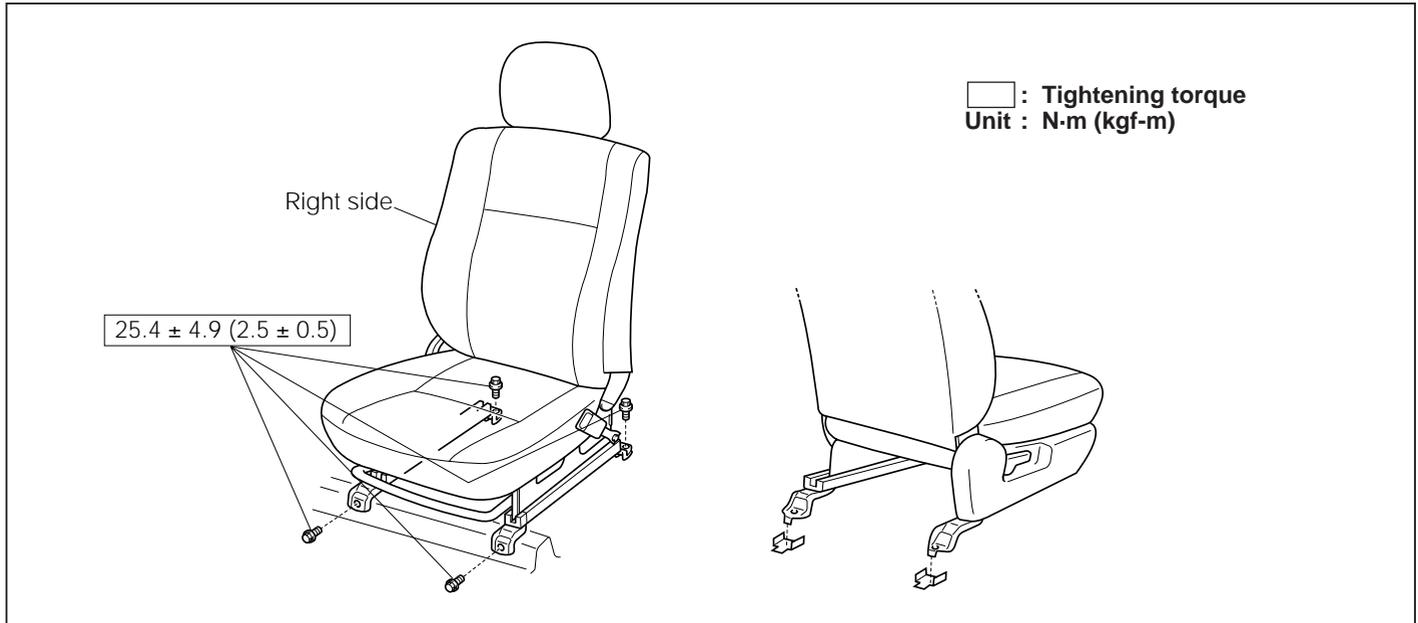
- (3) Install the rear console box assembly with the two attaching screws.

25. Install the front seat. (Refer to the front seat section.)

26. Connect the negative terminal of the battery ground cable to the negative terminal of the battery.

27. Ensure that the all switches are functioning properly and no abnormal noise is emitted.

FRONT SEAT COMPONENTS



JBO00094-00082

REMOVAL

1. Disconnect the seat belt warning light switch connector.
(Only for seat belt warning-equipped vehicle)
2. Move the front seat to the most rearward position.
3. Remove the attaching bolts of the front seat.



JBO00095-00083

4. Move the front seat to the most forward position.
5. Remove the attaching bolts of the front seat.
6. Remove the front seat assembly from the vehicle.

CAUTION:

- Care must be exercised so that the front seat assembly may not be interfered with other parts.



JBO00096-00084

INSTALLATION

1. Place the front seat on the attaching surface on the floor while aligning the protrusions of the front seat with the holes on the floor panel.
2. Install the attaching bolts temporarily.
3. Move the front seat to the most forward position and tighten the attaching bolts temporarily.

CAUTION:

- Make sure that the both inner and outer tracks are locked properly before tightening the attaching bolts.

4. Move the front seat to the most rearward position.

CAUTION:

- Make sure that the both inner and outer tracks are locked properly before tightening the attaching bolts.

5. Tighten the inner side attaching bolts to the specified tightening torque.

Tightening Torque: 25.4 ± 4.9 N·m (2.6 ± 0.5 kgf·m)

6. Tighten the inner side attaching bolts to the specified tightening torque.

Tightening Torque: 25.4 ± 4.9 N·m (2.6 ± 0.5 kgf·m)

7. Move the front seat to the most forward position.

8. Tighten the inner side attaching bolts to the specified tightening torque.

Tightening Torque: 25.4 ± 4.9 N·m (2.6 ± 0.5 kgf·m)

9. Tighten the outer side attaching bolts to the specified tightening torque.

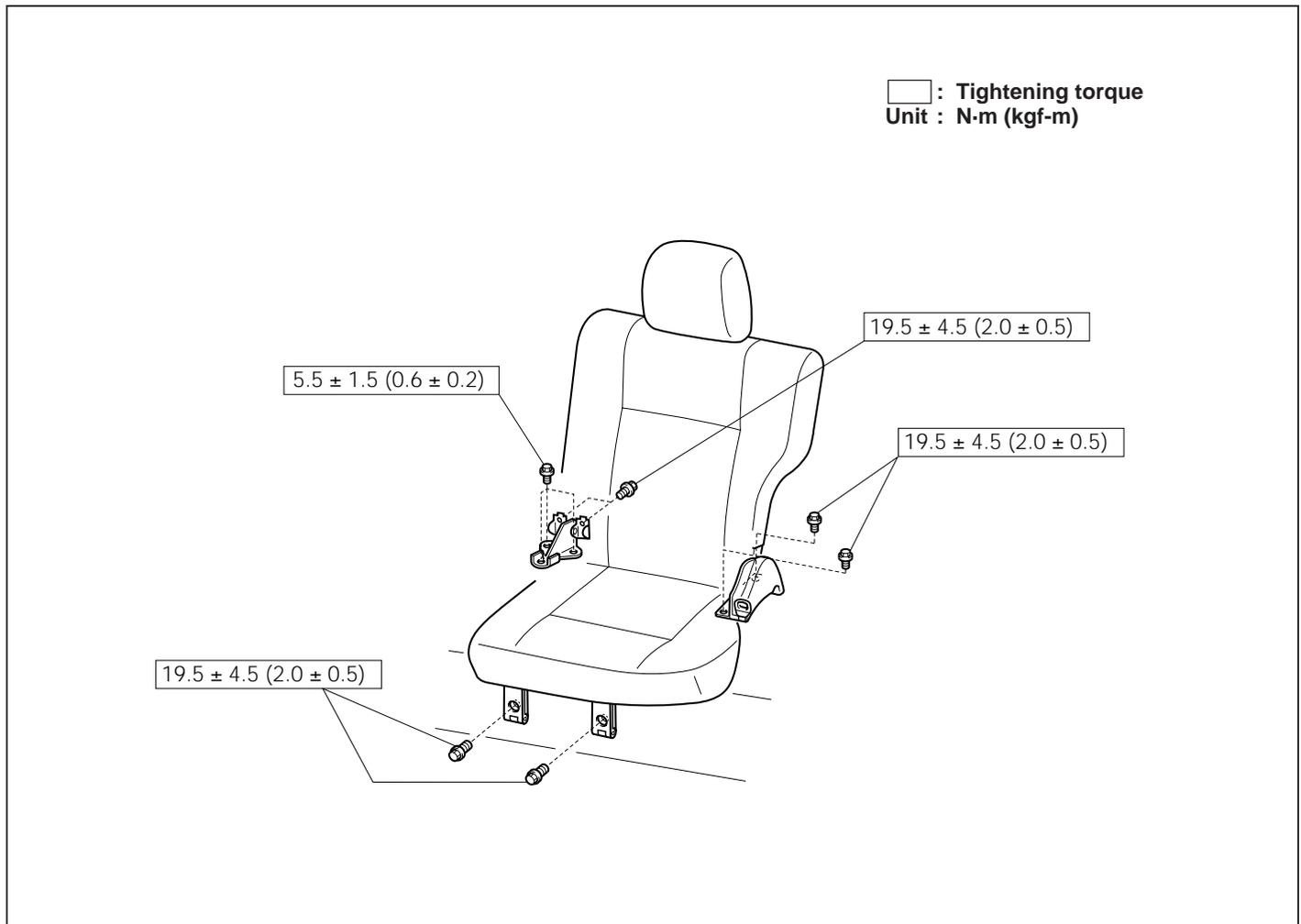
Tightening Torque: 25.4 ± 4.9 N·m (2.6 ± 0.5 kgf·m)

10. Connect the seat belt warning light switch connector.

(Only for seat belt warning-equipped vehicle)

11. Ensure that the seat slide locks are properly engaged with both rails by sliding the front seat in a forward direction with a force of 98 N (10 kgf) and in a rearward direction with a force of 49 N·m (5 kgf·m). If the seat slide locks are not engaged properly, repair the seat slide lock or reinstall the rear seat, as required.

REAR SEAT COMPONENTS



JBO00098-00085

REMOVAL

1. Remove the rear seat cushion by removing the two attaching bolts.
2. Separate the deck board carpet from the rear seat by disconnecting the velcro-tape sections.
3. Remove the rear seatback by removing the three attaching bolts.
4. Remove the rear seatback center hinge by removing the three attaching bolts.

JBO00099-00000

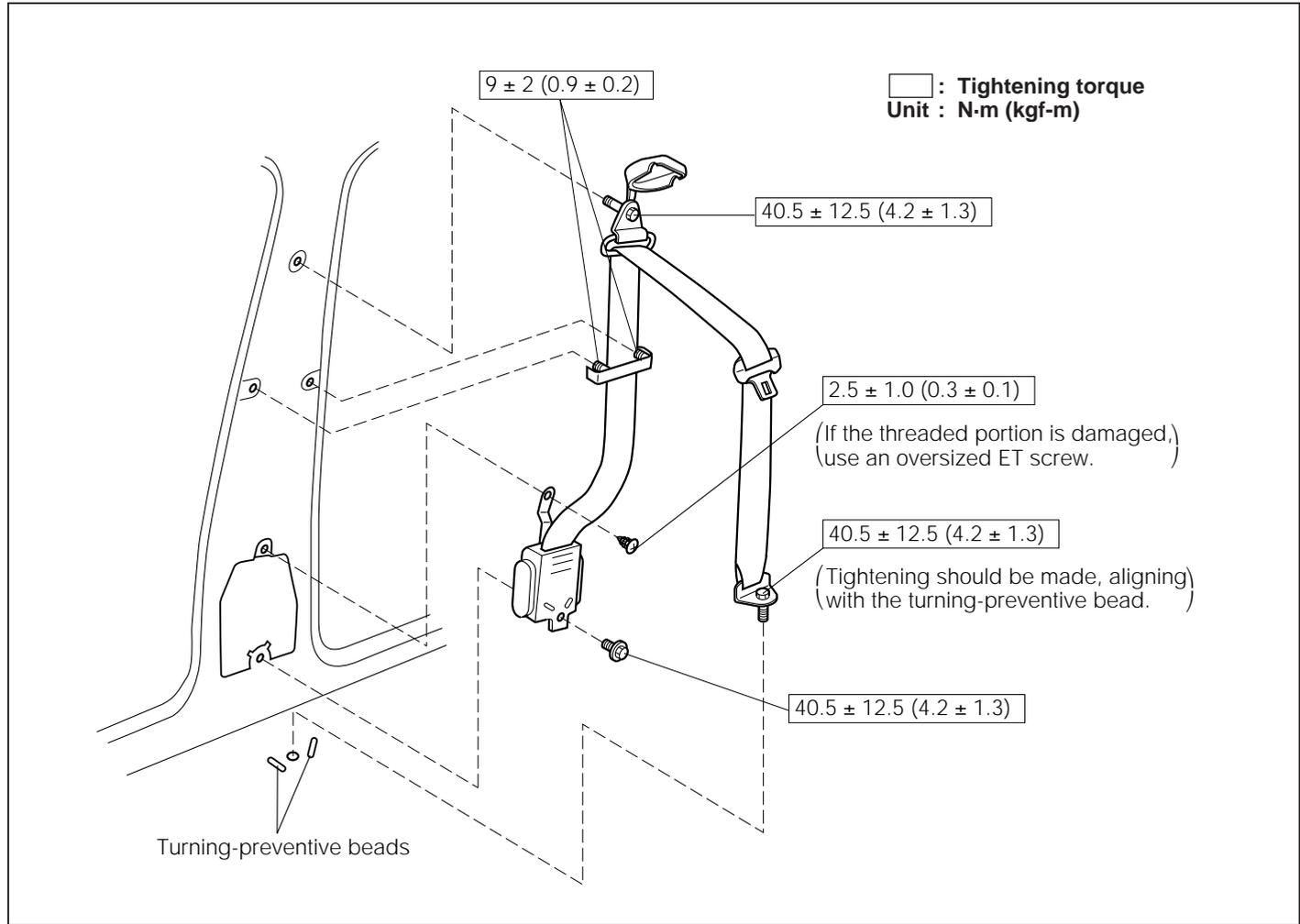
INSTALLATION

1. Install the rear seatback center hinge with the attaching bolts and tightening them to the specified tightening torque.
Tightening Torque: 5.5 ± 1.5 N-m (0.56 \pm 0.15 kgf-m)
2. Install the rear seatback with the three attaching bolts and tighten the attaching bolts to the specified tightening torque.
Tightening Torque: 19.5 ± 4.5 N-m (2.0 \pm 0.46 kgf-m)
3. Install the rear seat cushion with the two attaching bolts and tightening them to the specified tightening torque.
Tightening Torque: 19.5 ± 4.5 N-m (2.0 \pm 0.46 kgf-m)
4. Fold the rear seat.
5. Ensure that the mechanism of the rear seat operates properly.

JBO00100-00000

SEAT BELT

FRONT SEAT BELT



JBO00101-00086

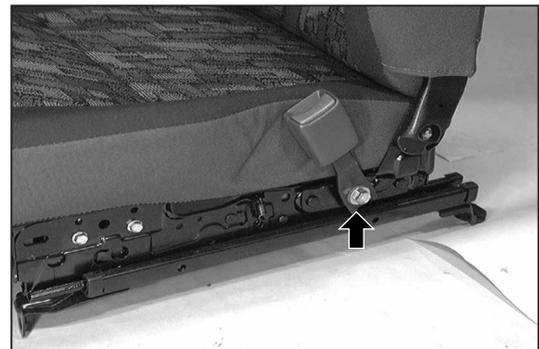
FRONT SEAT BELT

REMOVAL

1. Remove the center pillar lower garnish. (Refer to the trim & garnish section.)
2. Open the seat belt attaching bolt cover.
3. Remove the front seat belt shoulder belt guide by removing the attaching bolts.
4. Remove the seat belt anchor attaching bolts
5. Remove the seat belt retractor by removing the attaching bolt and screw.
6. Removal of inner seat belt
 - (1) Remove the front seat. (Refer to the front seat section.)
 - (2) Remove the inner seat belt by removing its attaching bolts.



JBO00102-00087



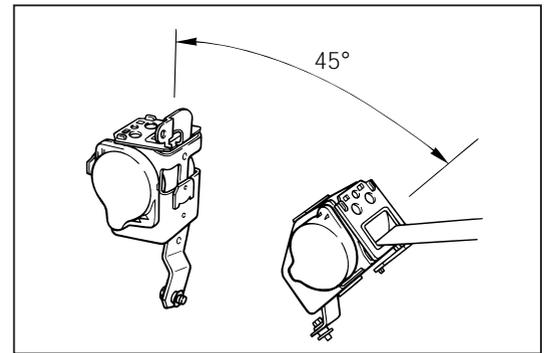
JBO00103-00088

INSPECTION

1. Ensure that the seat belt will not be locked until the seat belt retractor is tilted more than 15 degrees in all directions from the installed angle.
Also, ensure that the locked state is retained when the retractor is tilted 45 degrees or more.
2. Ensure that the seat belt will be locked when the seat belt is pulled out quickly.
3. Ensure that no scratch, wear or any other damage exists on the seat belts.
If any damage is found, replace the seat belt with a new one.

CAUTION:

- Never attempt to disassemble the retractor.
- After the anchor bolts have been tightened, make sure that each anchor can move in a circumferential direction of the bolt.
- Ensure that the belt in the installed state can be pulled out smoothly and also it can be retracted smoothly in position.



JBO00104-00089

INSTALLATION

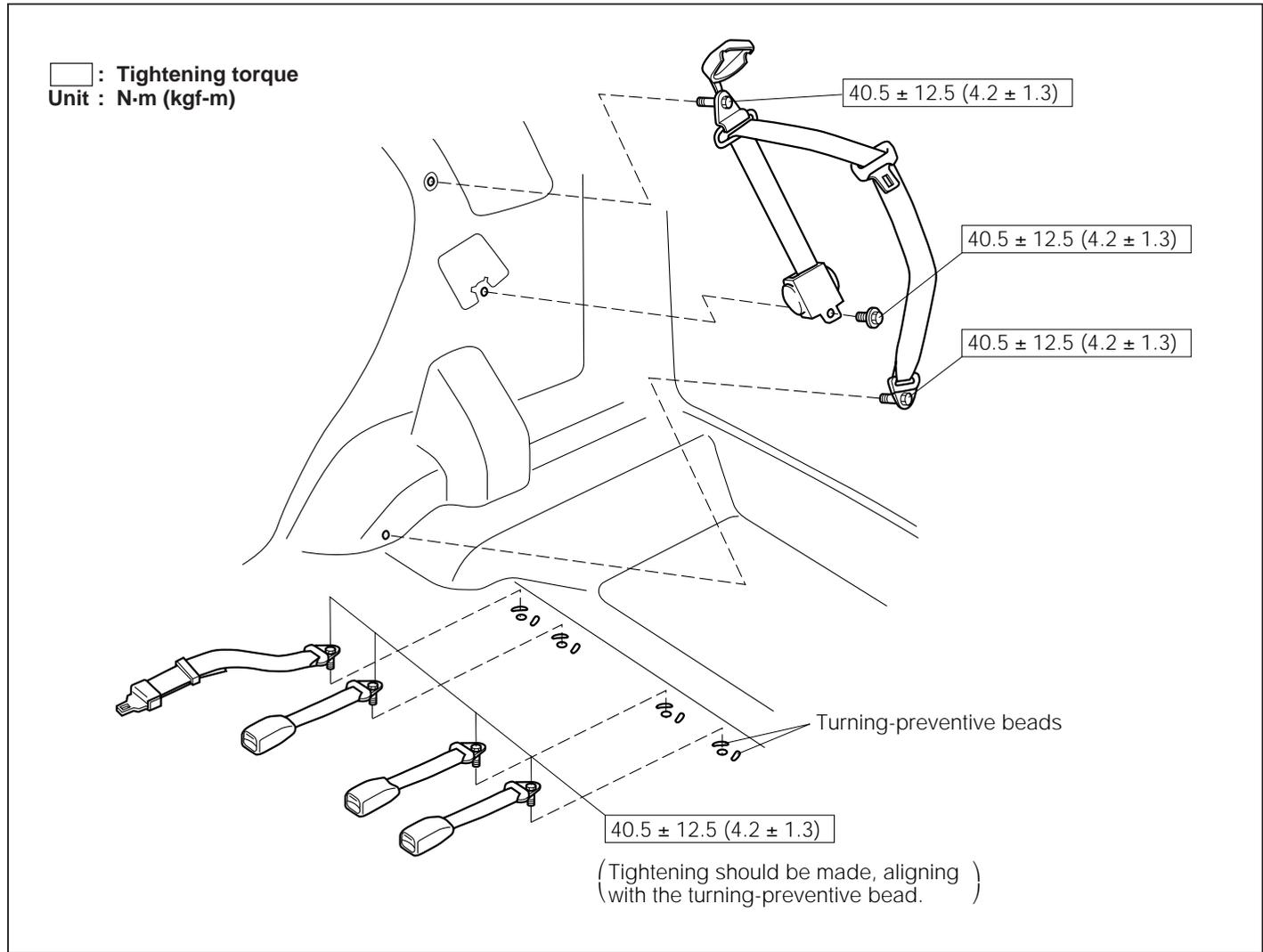
1. Installation of inner seat belt
 - (1) Install the inner seat belt with the attaching bolt and tighten the attaching bolt to the specified tightening torque.
Tightening Torque: 40.5 ± 12.5 N·m (4.1 ± 1.3 kgf·m)
 - (2) Install the front seat. (Refer to the front seat section.)
2. Install the front seat retractor with the attaching screw.
3. Install the front seat retractor attaching bolt and tighten the attaching bolt to the specified tightening torque.
Tightening Torque: 40.5 ± 12.5 N·m (4.1 ± 1.3 kgf·m)
4. Install the seat belt anchor with the attaching bolts and tighten the attaching bolts to the specified tightening torque.
Tightening Torque: 40.5 ± 12.5 N·m (4.1 ± 1.3 kgf·m)

CAUTION:

- Be sure to install the seat belt end anchor while aligning it with the locating embossed mark on the floor panel.
5. Install the front seat belt guide with the attaching screws.
 6. Close the upper seat belt anchor bolt cover.
 7. Install the center pillar lower garnish. (Refer to the trim & garnish section.)

JBO00105-00000

REAR SEAT BELT



JBO00106-00090

REMOVAL

1. Remove the rear seatback.
(Refer to the rear seat section for the removal procedure.)
2. Remove the deck board assembly.
(Refer to the trim & garnish section for the removal procedure.)
3. Remove the rear door scuff plate assembly.
(Refer to the trim & garnish section for the removal procedure.)
4. Remove the deck side trim.
(Refer to the trim & garnish section for the removal procedure.)
5. Open the rear seat belt upper anchor bolt cover.
6. Remove the attaching bolt of the seat belt upper anchor.
7. Remove the rear seat belt retractor by removing the attaching bolts.
8. Remove the rear seat inner belt assembly and center seat belt by removing the attaching bolts.

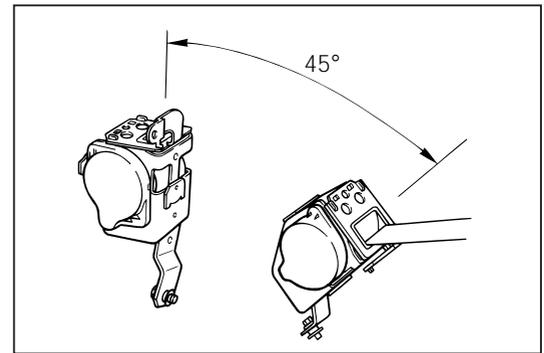
JBO00107-00000

INSPECTION

1. Ensure that the seat belt will not be locked until the seat belt retractor is tilted more than 15 degrees in all directions.
Also, ensure that the locked state is retained when the retractor is tilted 45 degrees or more.
2. Ensure that the seat belt will be locked when the seat belt is pulled quickly.
3. Ensure that no scratch, wear or any other damage exists on the seat belts.
If any damage is found, replace the seat belt with a new one.

CAUTION:

- Never attempt to disassemble the retractor.
- After the anchor bolts have been tightened, make sure that each anchor can move in a circumferential direction of the bolt.
- Ensure that the belt in the installed state can be pulled out smoothly and also it can be retracted smoothly in position.



JBO00108-00091

INSTALLATION

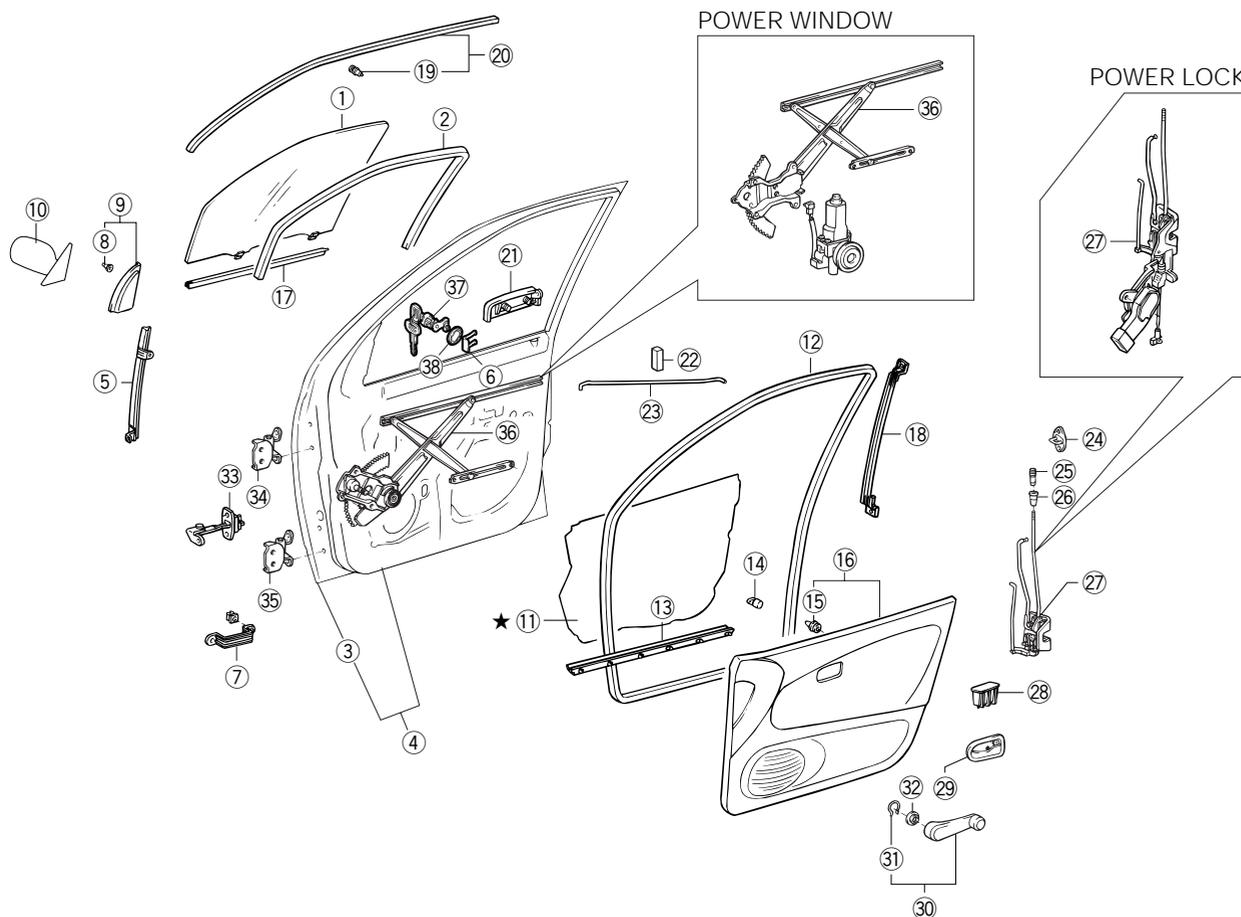
1. Install the rear seat inner belt assembly and center seat belts with the attaching bolt. Then, tighten the attaching bolt to the specified tightening torque.
Tightening Torque: 40.5 ± 12.5 N·m (4.1 ± 1.3 kgf·m)
2. Install the rear seat belt retractor with the attaching bolt and tighten it to the specified tightening torque.
Tightening Torque: 40.5 ± 12.5 N·m (4.1 ± 1.3 kgf·m)
3. Install the rear seat belt upper anchor with the attaching bolt and tighten it to the specified tightening torque.
Tightening Torque: 40.5 ± 12.5 N·m (4.1 ± 1.3 kgf·m)
4. Close the seat belt anchor bolt cover of the rear seat belt upper anchor.
5. Install the deck side trim. (Refer to the trim & garnish section for the installation procedure.)
6. Install the rear door scuff plate assembly. (Refer to the trim & garnish section for the installation procedure.)
7. Install the rear seat belt end anchor with the attaching bolts and tighten them to the specified tightening torque.
Tightening Torque: 40.5 ± 12.5 N·m (4.1 ± 1.3 kgf·m)
8. Install the deck board assembly. (Refer to the trim & garnish section for the installation procedure.)
9. Install the lower back trim. (Refer to the trim & garnish section for the installation procedure.)
10. Install the rear seat. (Refer to the rear seat section for the installation procedure.)

JBO00109-00000

BO-44

FRONT DOOR COMPONENTS

★ : Non-reusable parts



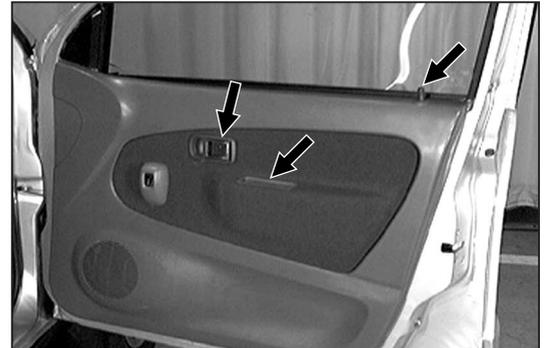
- | | |
|--|--|
| ① Front door glass subassembly | ②⑩ Front door glass outer weatherstrip |
| ② Front door glass run | ②① Front door outside handle assembly |
| ③ Front door outside panel | ②② Front door lock link No 1 silencer |
| ④ Front door panel subassembly | ②③ Front door open control link assembly |
| ⑤ Front door front lower frame subassembly | ②④ Front door lock striker plate subassembly |
| ⑥ Lock retainer | ②⑤ Front door locking button |
| ⑦ Door trim bracket | ②⑥ Door lock control knob holder |
| ⑧ Clip | ②⑦ Front door lock assembly |
| ⑨ Front door lower frame bracket garnish | ②⑧ Door pull handle |
| ⑩ Outside rear view mirror | ②⑨ Front door inside handle subassembly |
| ⑪ Front door service hole cover | ③⑩ Front door window handle assembly |
| ⑫ Front door weatherstrip | ③① Shaft snap ring |
| ⑬ Front door glass inner weatherstrip assembly | ③② Door vent window control handle plate |
| ⑭ Cushion | ③③ Front door check assembly |
| ⑮ Front door trim retainer | ③④ Front door upper hinge assembly |
| ⑯ Front door trim panel assembly | ③⑤ Front door lower hinge assembly |
| ⑰ Front door glass outer weatherstrip | ③⑥ Front door window regulator subassembly |
| ⑱ Front door rear lower frame subassembly | ③⑦ Lock cylinder |
| ⑲ Retainer | ③⑧ Lock cylinder pad |

DISASSEMBLY

1. Unlock the shaft snap ring of the front door window handle assembly by inserting a piece of cloth between the handle and the door vent window control handle plate. Then, pull the inserted cloth alternately so as to unlock the shaft snap ring.
 2. Remove the front door window handle, shaft snap ring and door vent window control handle plate.
 3. Remove the front door inside handle subassembly attaching screw.
 4. Remove the front door pull handle by removing the attaching screw.
 5. Unscrew the front door locking button.
 6. Unlock the inside door handle from the front door and insert it into the front door trim panel assembly.
 7. Remove the front door lower frame bracket garnish by pulling it out to disengage the retainers provided on the bracket, using a clip remover.
 8. Unlock the nail section of the front door inside handle subassembly from the front door panel and insert it into the front trim panel assembly.
 9. Disengage the retainers provided on the rear side of the front door trim panel assembly by pulling out one by one from the door panel.
- CAUTION:**
- Be sure to disconnect the retainers, using a clip remover.
- Failure to observe this caution may bend the front door trim panel assembly or cause cracks on the front door trim panel assembly.
10. Pull up the front trim panel assembly to disengage it from the front door panel.
 11. Disconnect the connector of the wire harness from the power window switch. (Only for power window-equipped model.)
 12. Remove the front door trim panel assembly from the front door panel.



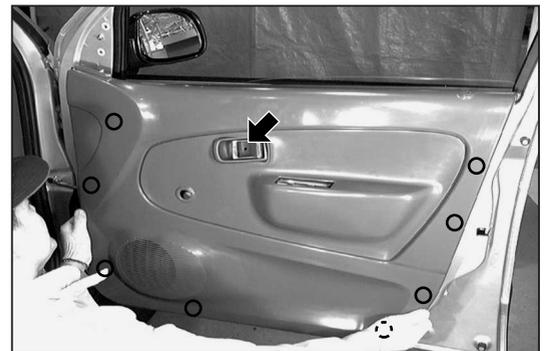
JBO00111-00093



JBO00112-00094



JBO00113-00095



JBO00114-00096



JBO00115-00097

BO-46

13. Remove the front door inside handle subassembly by disconnecting the front door open control link.
14. Remove the door trim bracket by removing the attaching screws.
15. Remove the speaker by removing the three attaching screws. (Only when equipped.)
16. Remove the front door service hole cover from the front door panel.

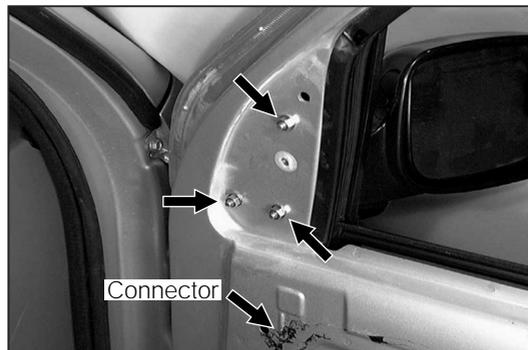
CAUTION:

- Never reuse the service hole covers. Failure to observe this caution may lead to water leakage.



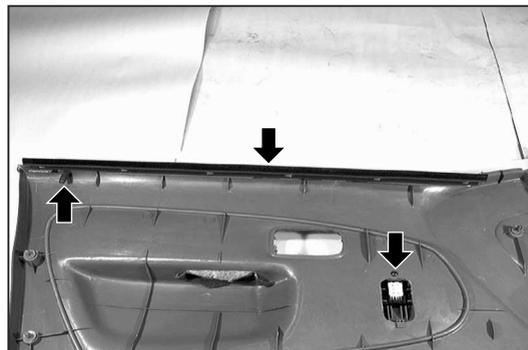
JBO00116-00098

17. Removal of outside rear view mirror
 - (1) Disconnect the connector of the wire harness from the connector of the outside rear view mirror. (Only for remote control mirror-equipped model.)
 - (2) Remove the three attaching nuts of the outside rear view mirror while holding the outside rear view mirror by hand.
 - (3) Remove the outside rear view mirror.



JBO00117-00099

18. Remove the door lock control knob holder from the door trim panel assembly.
19. Remove the power window control switch by removing the attaching screws. (Only for power window-equipped model.)
20. Remove the front door glass weatherstrip assembly from the front door trim panel assembly by straightening the protrusion sections on the front door glass weatherstrip assembly.



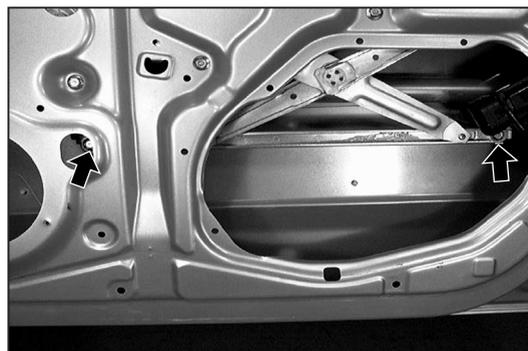
JBO00118-00100

21. Remove the attaching bolts of the front door front lower frame assembly. Then, remove the front lower frame assembly.



JBO00119-00101

22. Removal of front door glass subassembly
 - (1) Install the front door window handle assembly temporarily.
 - (2) Place the front door glass attaching bolts in position at the holes provided on the front door panel by turning the front door window handle.
 - (3) Remove the bolts attaching the front door glass to the front door regulator subassembly.



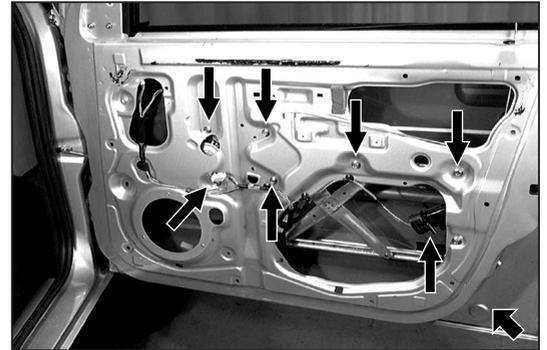
JBO00120-00102

23. Remove the front door glass subassembly.



JBO00121-00103

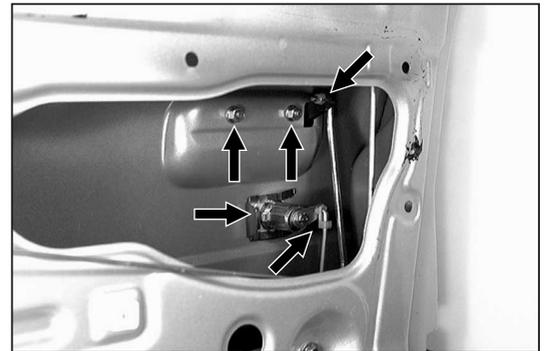
24. Disconnect the connector of the front door wire harness from the power window motor. (For model equipped with power window)
25. Remove the front door window regulator subassembly by removing the attaching bolts.
26. Remove the front door rear lower frame subassembly by removing the attaching screw and bolt.



JBO00122-00104

27. Removal of front door lock assembly

- (1) Disconnect the front door open control link from the front door outside handle assembly.
- (2) Disconnect the front door open control link assembly from the front door lock assembly.
- (3) Remove the front door lock cylinder and lock cylinder pad by removing the lock retainer.
- (4) Remove the front door outside handle assembly by removing the attaching nuts.



JBO00123-00105

- (5) Disconnect the connector of the wire harness from the door lock control motor. (For model equipped with central door lock.)
- (6) Remove the front door lock assembly by removing the attaching screws.



JBO00124-00106

28. Remove the front door glass outer weatherstrip from the front door panel by unlocking the front door glass weatherstrip grips.

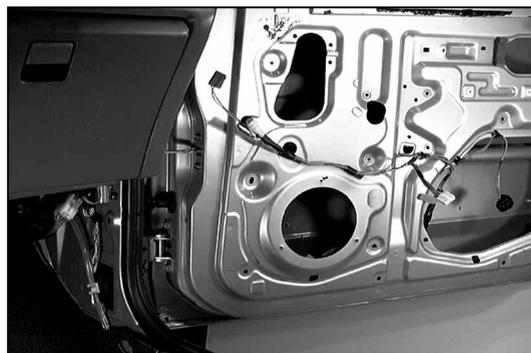
29. Remove the front door glass run.



JBO00125-00107

BO-48

30. Remove the cowl side trim board. (Refer to the trim & garnish section.)
31. Disconnect the connector of the wire harness (cowl wire) from the connector of the wire harness (front door wire).
32. Disconnect the various clamps of the wire harness from the front door.
(For models equipped with power window, central door lock and/or speaker.)
33. Remove the front door wire from the inside of the front door by removing the grommet section of the front door wire.

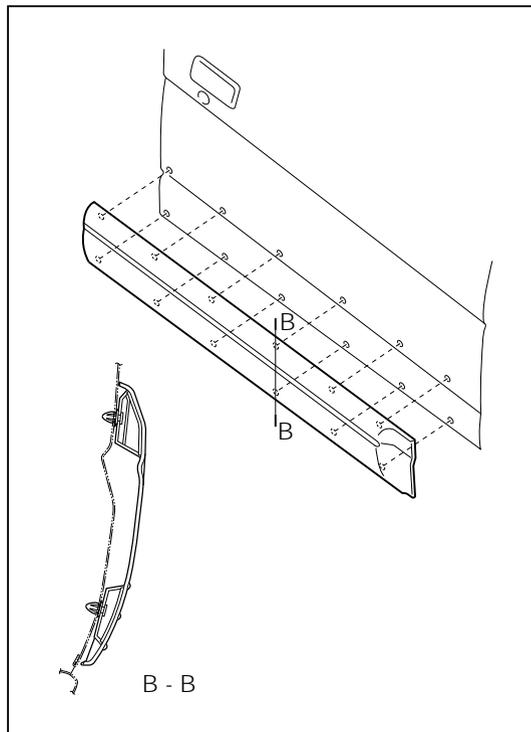


JBO00126-00220

34. Remove the front door garnish by retracting the mushroom section of the retainers.

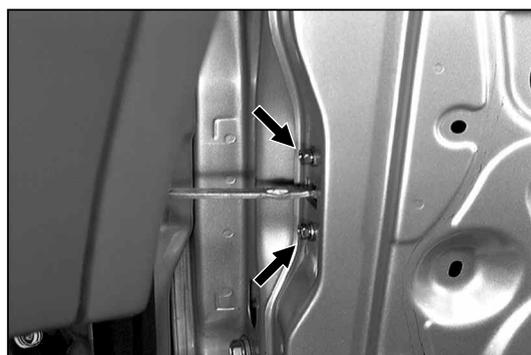
CAUTION:

- The front part of the garnish is affixed with a two-faced adhesive tape.
Therefore, be very careful not to bend the garnish during the removal of the front part of the garnish.



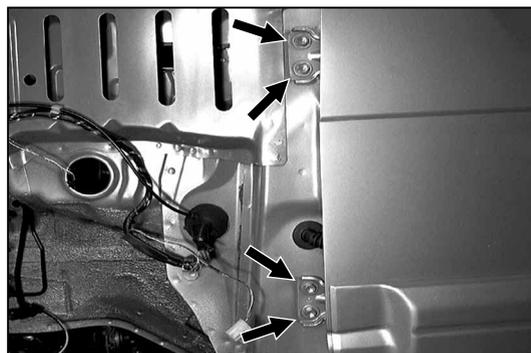
JBO00127-00108

35. Remove the front door check assembly by removing the attaching bolts.
36. Remove the front fender.
(Refer to the front fender section for the removal procedure.)
37. Remove the front door by removing the attaching bolts of the front door hinges while holding the front door securely.



JBO00128-00109

38. Remove the front door upper and lower hinges from the front door by removing the attaching bolts.



JBO00129-00110

ASSEMBLY

NOTE:

- Basically the assembling procedure is reverse to the disassembling procedure. Therefore, illustrations are not mentioned in this assembling procedure. Refer to the illustrations in the disassembling procedure in cases where any difficulty is encountered.

1. Install the front door upper and lower hinges to the front door with the attaching bolts.
2. Install the front door to the vehicle shell with the attaching bolts while holding the front door securely and adjust the front door alignment. (Refer to the section under the adjustment of front door and rear door alignment.)
3. Install the front fender.
(Refer to the front fender section for the installation procedure.)
4. Install the door check assembly with the attaching bolts.
5. Installation of front door garnish.
 - (1) Affix a two-faced adhesive tape to the front part of the front door garnish.
 - (2) Install the front door garnish to the front door panel by connecting the retainers and ensure that the retainers are engaged securely.

NOTE:

- If the installation is performed in a cold wether, heat the front door panel to about 40°C before the installation.

6. Installation of front door wire.
(Only for model equipped with power window, central door lock and speaker, For the details, refer to the BE section.)
 - (1) Install the front door wire to the front door and connect the wire harness clamp to the front door panel.
 - (2) Route the front door wire through the front door panel and hole provided on the body shell.
 - (3) Secure the front door wire grommets to the front door and body shell.
 - (4) Connect the connector of the wire harness to the connector of the front door wire.
 - (5) Install the cowl side trim board. (Refer to the trim & garnish section.)
7. Install the front door glass run.
8. Install the front door glass outer weatherstrip to the front door panel and ensure that the front door glass weatherstrip grips are engaged with the front door panel securely.
9. Installation of front door lock assembly
 - (1) Install the front lock assembly to the front door panel with the attaching screws and bolt. (Only for central door lock-equipped model.)
 - (2) Connect the connector of the wire harness to the door lock control motor.
 - (3) Install the front door outside handle assembly with the attaching nuts.
 - (4) Install the front door lock cylinder and lock cylinder pad by installing the lock retainer.
 - (5) Connect the front door open control link assembly to the front door lock assembly.
 - (6) Connect the front door open control link to the front door outside handle assembly.
10. Install the front door rear lower frame subassembly by installing the attaching screw and bolt and insert the front glass run into the front floor rear lower frame subassembly.
11. Install the front door regulator subassembly with the attaching bolts.
12. Connect the connector of the front door wire harness to the power window motor. (For model equipped with power window.)
13. Install the front door glass subassembly into the front door panel.
14. Install the front door window regulator handle assembly temporarily and align the attaching bolt holes of the front door window with the regulator by adjusting the height of the regulator.
15. Install the front door glass to the front regulator subassembly by installing the attaching bolts.
16. Insert the front door frame assembly into the front door panel and insert the front glass run into position.
17. Install the front door front frame assembly with the attaching bolts.
18. Install the front door glass outer weatherstrip assembly to the front door trim panel assembly by bending the nail sections of the front door glass outer weatherstrip.

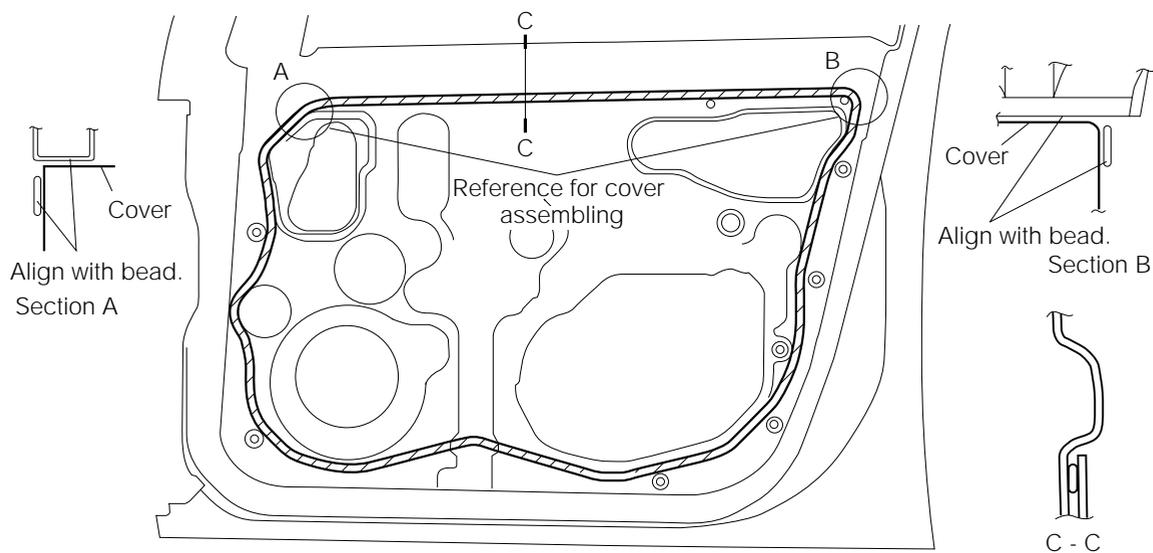
19. Install the power window control switch by installing the attaching bolt. (For power window-equipped model.)
20. Install the door control lock knob holder to the front door trim panel assembly.

JBO00130-00000

21. Installation of front door service hole cover
 - (1) Affix a butyl tape at the groove provided around the front door panel, as shown.
 - (2) Attach the service hole cover on the butyl tape, as shown.

CAUTION:

- Care must be exercised so that the joint section of the butyl tape may come at the upper section. If the joint section of the tape comes at the lower side of the door, it may cause water leakage.
- The butyl tape should be routed just under the water drain holes. Failure to observe this caution may lead to collection of water, resulting in rust formation.
- Never reuse the front door service hole cover. Failure to observe this caution may lead to water leakage.
- Be sure to route the front door open control link for front door inside handle subassembly.

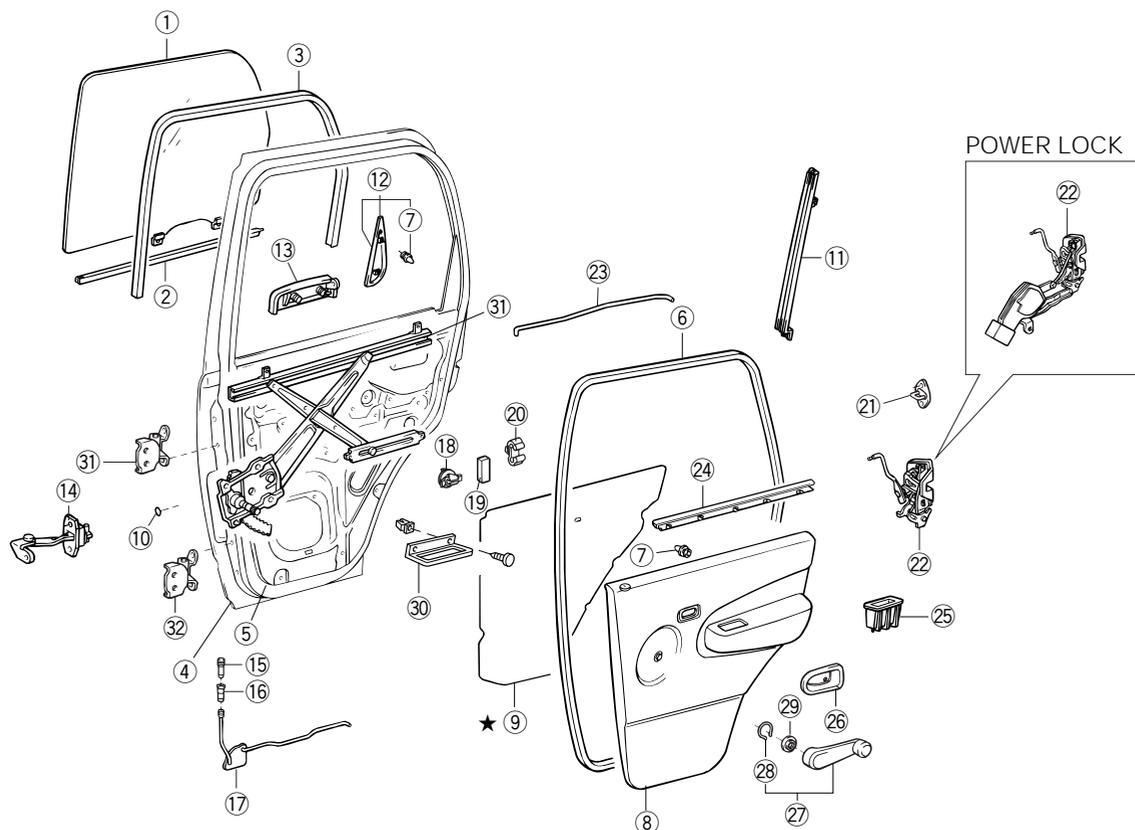


JBO00131-00111

22. Install the door trim bracket with the attaching screws.
23. Connect the front door inside handle subassembly to the front door open control link.
24. Installation of outside rear view mirror
 - (1) Install the outside rear view mirror with the three attaching nuts.
 - (2) Connect the connector of the front door wire harness to the connector of the remote control mirror.
(For remote control rear view mirror-equipped model.)
 - (3) Connect the clamp of the wire harness to the door panel.
25. Connect the connector of the front door wire harness to the power window switch. (For power window-equipped model.)
26. Insert the front door inside handle subassembly into the front door trim panel assembly.
27. Hang the front door trim panel assembly on the front door panel.
28. Connect the front door trim panel assembly to the front door panel by connecting the retainers on the front door trim panel assembly.
29. Connect the front door inside handle to the front door panel and install the attaching screw.
NOTE:
 - An oversize screw is available as a spare part for cases where the ordinary screw becomes loose.
30. Install the front door pull handle to the front door with the attaching screw.
NOTE:
 - An oversize screw is available as a spare part for cases where the ordinary screw becomes loose.
31. Install the shaft snap ring to the front door window handle.
NOTE:
 - Install the shaft snap ring to the front regulator handle in such a direction that the open end faces toward the handle side.
32. Install the front door window handle to the window regulator with the door vent window control handle plate.
33. Install the front door lower fame bracket garnish.
34. Screw in the front door locking button.

REAR DOOR COMPONENTS

★ : Non-reusable parts



- | | |
|--------------------------------------|--|
| ① Rear door glass subassembly | ①⑦ Rear door locking control link subassembly |
| ② Rear door glass outer weatherstrip | ①⑧ Rear door locking link clamp |
| ③ Rear door glass run | ①⑨ Rear door locking silencer |
| ④ Rear door outside panel | ②⑦ Rear door lock link clamp |
| ⑤ Rear door panel subassembly | ②① Door lock striker plate subassembly |
| ⑥ Rear door weatherstrip | ②② Rear door lock assembly |
| ⑦ Door trim retainer | ②③ Rear door open control link |
| ⑧ Rear door trim board subassembly | ②④ Rear door glass inner weatherstrip assembly |
| ⑨ Rear door service hole cover | ②⑤ Door pull handle |
| ⑩ Hole cover | ②⑥ Rear door inside handle |
| ⑪ Rear door window guide subassembly | ②⑦ Rear door window handle assembly |
| ⑫ Rear door rear lower frame seal | ②⑧ Shaft snap ring |
| ⑬ Rear door outside handle assembly | ②⑨ Door vent window control handle plate |
| ⑭ Rear door check assembly | ③⑦ Door trim No. 1 bracket |
| ⑮ Rear door locking button | ③① Rear door upper hinge assembly |
| ⑯ Door lock control knob holder | ③② Rear door lower hinge assembly |

DISASSEMBLY

Removal of rear door trim panel assembly

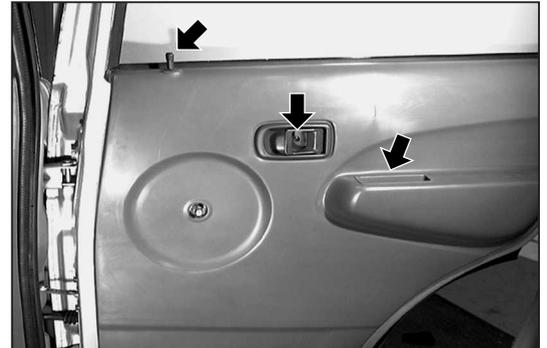
1. Unlock the shaft snap ring of the rear door window regulator handle assembly by inserting a piece of cloth between the rear door window regulator handle and the door vent window control handle plate. Then, pull the inserted cloth alternately so as to unlock the shaft snap ring.
2. Remove the rear door window regulator handle, shaft snap ring and door vent window control handle plate.
3. Remove the attaching screws of the rear door inside handle assembly.
4. Unscrew the rear door locking button.
5. Remove the door pull handle by removing the attaching screw.
6. Disengage the retainers provided on the back side of the rear door trim panel assembly.
7. Unlock the nail section of the rear door inside handle sub-assembly from the rear door panel. Then, insert it into the rear door trim panel assembly.
8. Remove the rear door trim panel assembly from the rear door panel by hang it off.
9. Remove the door trim No.1 bracket by removing the attaching bolts.
10. Remove the rear door inside handle subassembly by disconnecting it from the rear door open control link assembly.
11. Remove the rear door service hole cover from the rear door panel.

CAUTION:

 - Never reuse the removed service hole cover.
12. Remove the rear door glass weatherstrip assembly from the rear door trim panel assembly by straightening the protrusion section on the rear door glass weatherstrip assembly.
13. Remove the door control knob holder from the door trim panel assembly.



JBO00134-00113



JBO00135-00114



JBO00136-00115



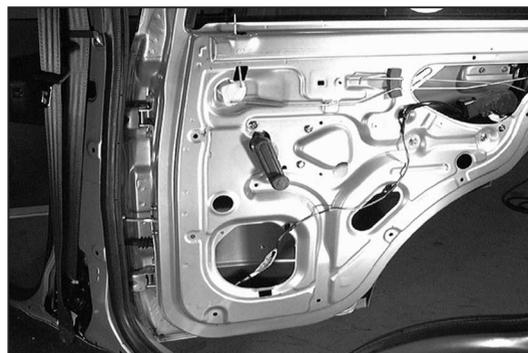
JBO00137-00116



JBO00138-00117

BO-54

14. Disconnect the rear door harness clamp from the door panel.
(For the central door lock and/or speaker-equipped vehicle.)
15. Disconnect the connector of the rear door wire harness from the door control motor assembly.
(For the central door lock and/or speaker-equipped vehicle.)



JBO00139-00118

16. Remove the rear lower frame seal of the rear door by disengaging the retainers from the rear door panel, using a clip remover or the like.



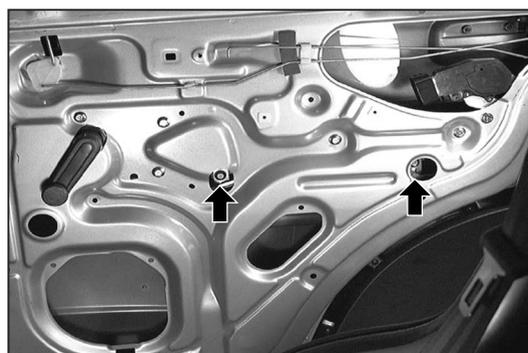
JBO00140-00119

17. Remove the rear door window guide subassembly by removing the attaching bolts.



JBO00141-00120

18. Removal of rear door glass subassembly
 - (1) Install the rear door window handle assembly temporarily.
 - (2) Align the rear door glass attaching bolts with the holes provided on the rear door panel by turning the rear door window handle.
 - (3) Remove the attaching bolts of the rear door glass from the rear door window regulator subassembly.



JBO00142-00121

19. Remove the rear door glass subassembly from the rear door panel.



JBO00143-00122

20. Remove the rear door glass outer weatherstrip from the rear door panel by disconnecting the rear door glass weatherstrip clip from the rear door panel.
21. Remove the rear door glass run.
22. Remove the rear door window regulator handle assembly by removing the attaching bolts.



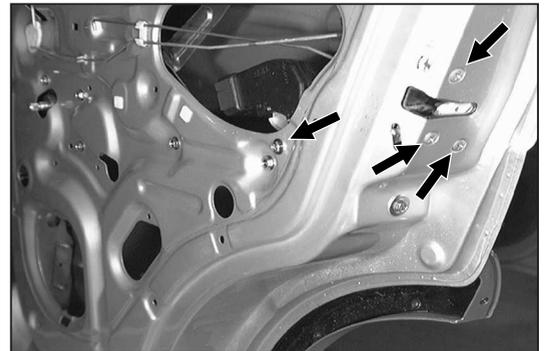
JBO00144-00123

23. Disconnect the door control link from the rear door outside handle assembly.
24. Remove the rear door outside handle assembly by removing the attaching nuts.
25. Disconnect the rear door open control link assembly from the rear door lock assembly.
26. Remove the rear door lock assembly.



JBO00145-00124

27. Remove the rear door lock assembly by removing the three attaching screws and one bolt. (For door control motor-equipped vehicles.)
28. Remove the rear door lock assembly from the rear door panel.



JBO00146-00125

29. Removal of rear door garnish
 - (1) Remove the attaching screws of the rear door garnish which is installed to the outside molding No. 2 retainer.
 - (2) Remove the rear door garnish by removing the retainers.



JBO00147-00126

30. Remove the outside molding No. 2 retainer by removing the attaching bolts.



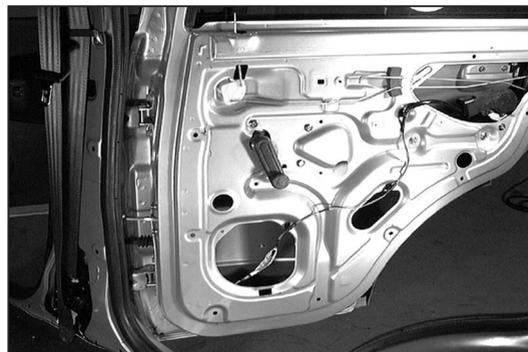
JBO00148-00127

BO-56

31. Remove the center pillar lower garnish. (Refer to the trim & garnish section.) (Only for model equipped with central door lock and/or speaker.)
32. Disconnect the connector of the rear door wire from the wire harness. (Only for model equipped with central door lock and/or speaker.)
33. Remove the rear door wire by disconnecting the rear door wire clamp from the rear door panel while retracting the lock section of the various clamps and disconnect the rubber grommet from the body shell and rear door panel. (Only for model equipped with central door lock and/or speaker.)
34. Remove the rear door check assembly by removing the attaching bolts.
35. Remove the rear door by removing the attaching bolts.
36. Remove the rear door hinges from the rear door by removing the attaching bolts.



JBO00149-00221



JBO00000-00128

ASSEMBLY

NOTE:

- Basically the assembling procedure is reverse to the disassembling procedure. Therefore, some illustrations are not mentioned in this assembling procedure. Refer to the illustrations in the disassembling procedure in cases where any difficulty is encountered.

1. Install the rear door hinges to the rear door with the attaching bolts.
2. Install the rear door by installing the attaching bolts of the rear door hinges while holding the rear door securely and adjust the rear door alignment. (Refer to the section under the adjustment of front door and rear door alignment.)
3. Install the rear door check assembly by installing the attaching bolts.
4. Install the rear door wire harness to the rear door through the body shell and rear door panel and set the rubber grommets to the body shell and rear door panel. (Only for model equipped with central door lock and/or speaker.)
5. Connect the rear door wire clamps to the rear door panel. (Only for model equipped with central door lock and/or speaker.)
6. Connect the connector of the rear door wire to the wire harness. (Only for model equipped with central door lock and/or speaker.)
7. Install the center pillar lower garnish. (Refer to the trim & garnish section.)
8. Install the outside molding No. 2 retainer to the rear door by installing the attaching bolts.
9. Installation of rear door garnish
 - (1) Ensure that the retainers are installed on the rear door garnish properly.
 - (2) Affix a two-faced adhesive tape at the front part of the rear door garnish.
 - (3) Install the rear door garnish to the rear door panel by connecting the retainers securely.
 - (4) Install the rear door garnish to the outside molding No. 2 retainer by installing the attaching screws.
10. Install the rear door lock assembly with the three attaching screws and one bolt. (For central door lock-equipped model.)
11. Install the rear door open control link assembly to the rear door panel and connect it to the rear door lock control assembly.
12. Install the rear door outside handle assembly with the two attaching nuts securely.
13. Connect the door control link to the rear door outside handle assembly.
14. Install the rear door glass run.

15. Install the rear door glass outer weatherstrip to the rear door panel by connecting the rear door glass weatherstrip clip to the rear door panel.
16. Install the rear door regulator subassembly with the attaching bolts.
17. Install the rear door window regulator handle temporarily.
18. Align the position for the rear door glass attaching bolts with the hole on the rear door panel.
19. Install the rear door glass subassembly to the rear door panel.
20. Install the attaching bolts of the rear door glass to the rear door window regulator subassembly.
21. Install the rear door window guide subassembly into the rear door panel and connect the rear window glass run to the rear door window guide subassembly.
22. Install the rear door window guide subassembly to the rear door panel while inserting the rear door window glass into the glass run.
23. Install the rear door lower frame seal by connecting its retainers to the rear door panel assembly.
24. Connect the connector of the rear door wire to the door control motor assembly.
25. Install the rear door glass weatherstrip assembly to the rear door trim panel assembly by bending the protrusion sections on the front door glass weatherstrip assembly.

JBO00150-00000

26. Installation of rear door service hole cover

- (1) Affix a butyl tape to the groove provided around the rear door panel as shown.

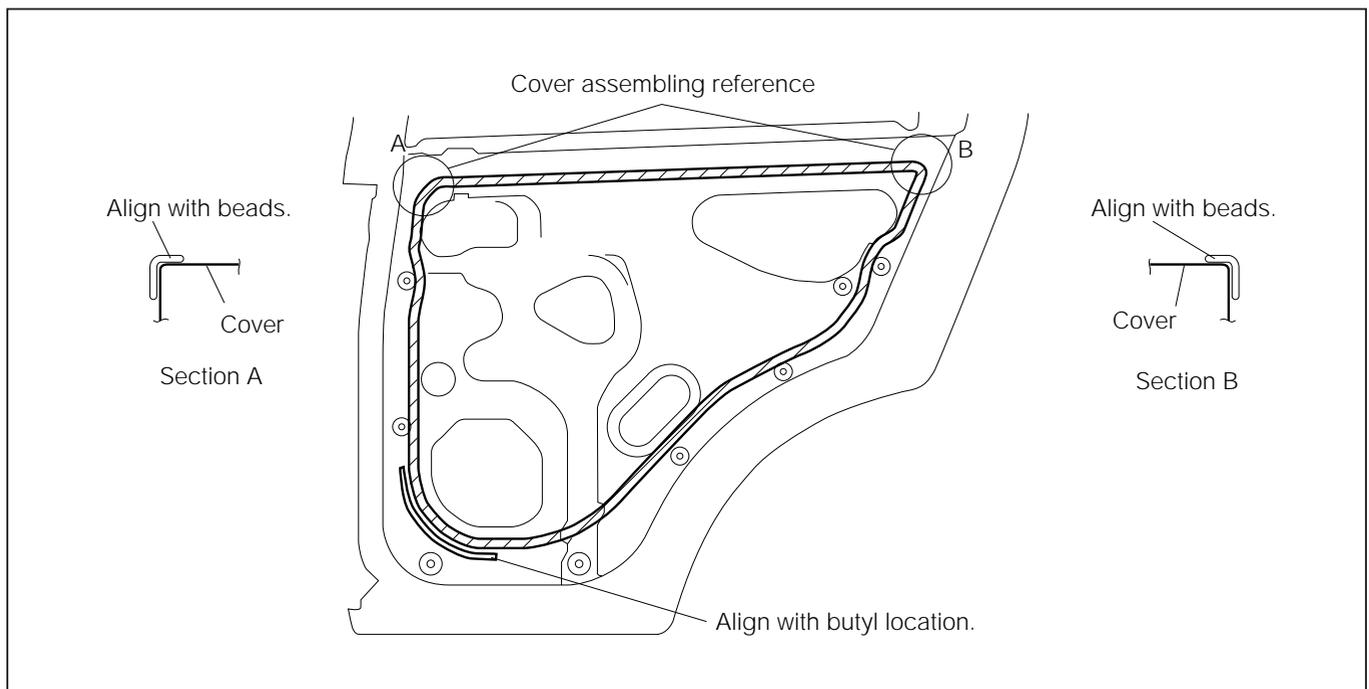
CAUTION:

- Care must be exercised so that the joint section of the butyl tape may come at the upper section. If the joint section of the tape comes at the lower side of the door, it may cause water leakage.
- The butyl tape should be routed just under the water drain holes. Failure to observe this caution may lead to collection of water, resulting in rust formation.
- Never reuse the removed service hole cover.

- (2) Affix the front door service hole cover, as shown.

NOTE:

- Pass the rear door open control link through the front door service hole cover during the assembly.



JBO00151-00129

BO-58

27. Install the door trim No. 1 bracket with the attaching bolts.
28. Connect the rear door inside handle subassembly to the rear door open control link assembly.
29. Ensure that the retainers are installed on the back side of the rear door trim panel assembly properly.
30. Pass the rear door inside handle subassembly through the rear door panel while holding the rear door trim panel assembly slightly.
31. Install the rear door trim panel assembly on the rear door panel while aligning the rear door lock control link position.
32. Engage the retainers provided on the rear side of the front door trim panel assembly by pressing the position where retainers are installed.
33. Hang the nail section provided on the rear door inside handle subassembly to the rear door panel and secure the attaching screws.

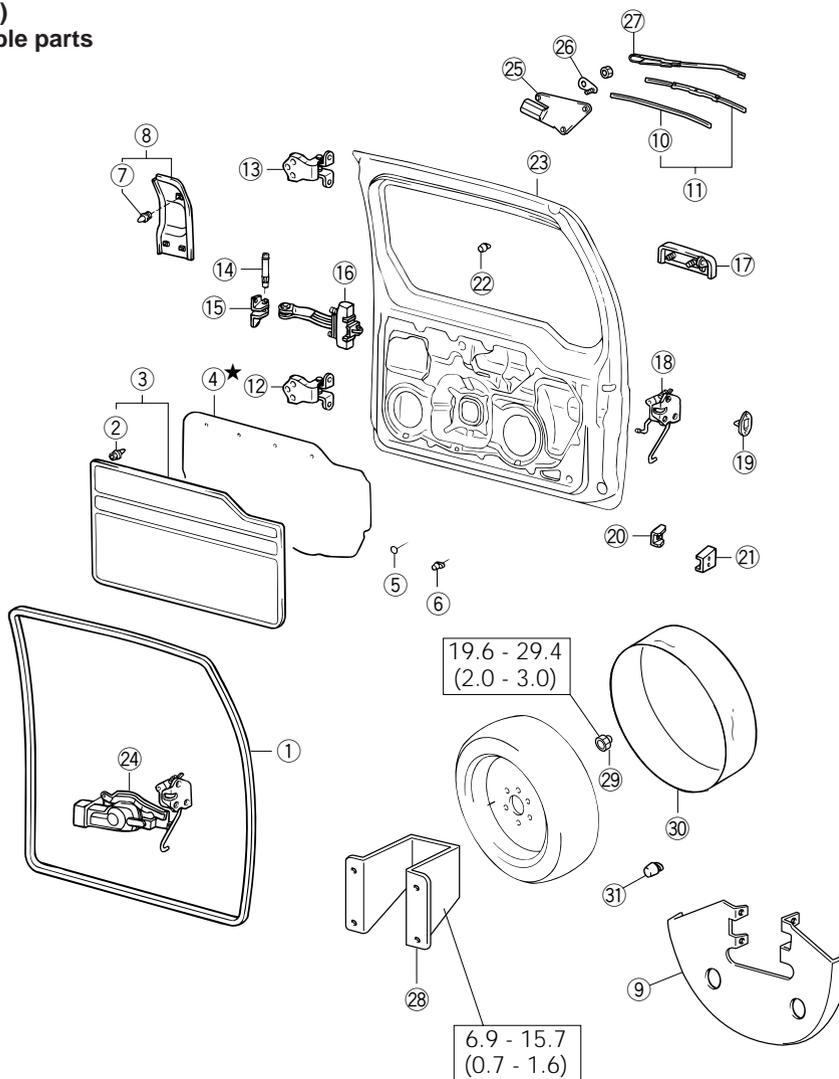
NOTE:

- An oversize screw is available.

34. Install the attaching screw of the door lock control knob holder securely.
35. Screw in the rear door locking button.
36. Close the window glass fully.
37. Install the snap ring to the rear door window regulator handle assembly in such a direction that the open ends of the snap ring face toward the arm side of the window regulator handle assembly.
38. Attach the door vent window control handle plate in such a direction that the recessed side faces toward the front door trim panel assembly side.
39. Insert the window handle assembly to the regulator in such a way that the tilt angle is 30 degrees from the horizontal.
40. Ensure that the rear door mechanism operates properly.
41. Check and adjust the rear door alignment.
(Refer to the section under the adjustment front door and rear door alignment.)

BACK DOOR COMPONENTS

□ : Tightening torque
Unit : N·m (kgf·m)
★ : Non-reusable parts

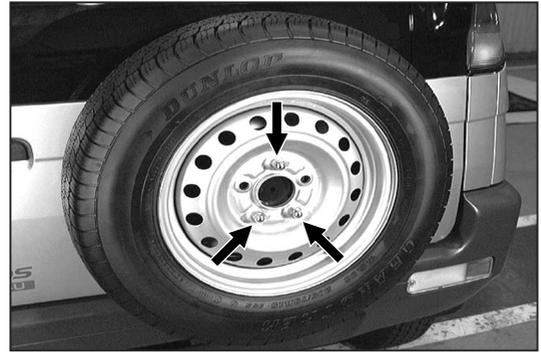


- | | |
|--|---|
| ① Back door weatherstrip | ⑱ Back door handle assembly |
| ② Retainer | ⑲ Back door lock assembly |
| ③ Back door trim board | ⑳ Door lock striker plate assembly |
| ④ Back door service hole cover | ㉑ Back door down male stopper |
| ⑤ Hole plug | ㉒ Back door down female stopper |
| ⑥ Cushion | ㉓ Cushion |
| ⑦ Clip | ㉔ Back door panel subassembly |
| ⑧ Back door hinge cover | ㉕ W/motor back door lock assembly |
| ⑨ Spare wheel cover tray (only for model equipped) | ㉖ Rear wiper motor assembly |
| ⑩ Rear wiper blade rubber | ㉗ Rear wiper link cap |
| ⑪ Rear wiper blade assembly | ㉘ Rear wiper arm assembly |
| ⑫ Lower hinge assembly | ㉙ Spare wheel carrier assembly |
| ⑬ Upper hinge assembly | ㉚ Nut |
| ⑭ Door check pin | ㉛ Spare wheel cover (only for model equipped) |
| ⑮ Back door check base | ㉜ Spare wheel carrier protector cushion (only for model equipped) |
| ⑯ Back door check assembly | |

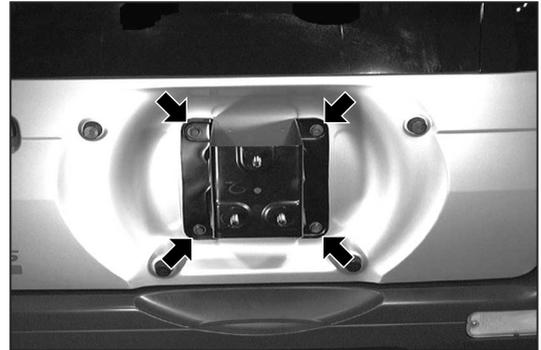
BO-60

DISASSEMBLY

1. Removal of spare wheel
 - (1) Remove the spare wheel by removing the attaching bolts.
 - (2) Remove the spare wheel cover tray by removing the four attaching bolts. (For model equipped with spare wheel carrier.)
 - (3) Remove the spare wheel carrier assembly by removing the four attaching bolts.



JBO00154-00131



JBO00155-00132

2. Remove the rear wiper arm by removing the attaching nut. (Only for rear wiper-equipped model. Refer to the BE section for the removal procedure.)



JBO00156-00133

3. Remove the back door trim board by disengaging the retainers provided on the back side of the back door trim board, using a clip remover.

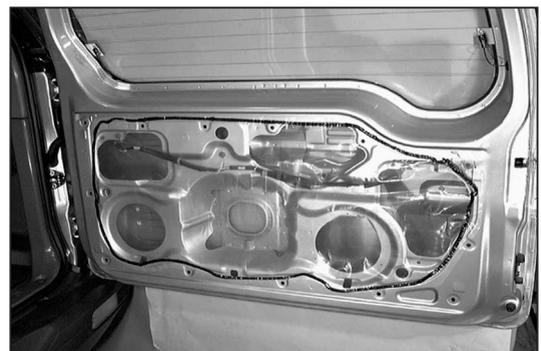


JBO00157-00134

4. Remove the back door service hole cover from the back door panel subassembly.

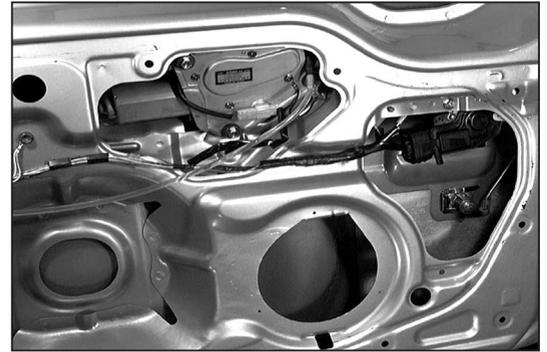
NOTE:

- Never reuse the removed service hole cover. Failure to observe this note may lead to water leakage.

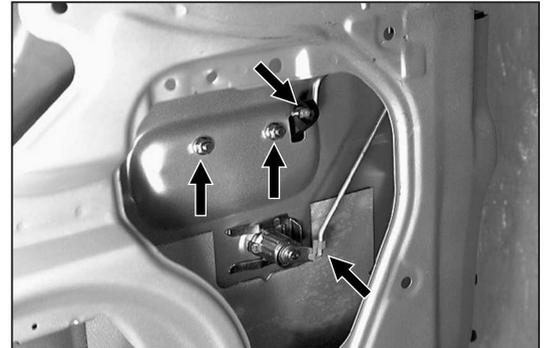


JBO00158-00135

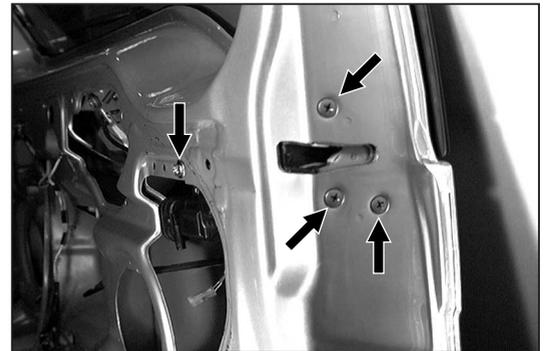
5. Disconnect the connectors of the rear wiper motor and door lock control switch.
(Only for models equipped with such equipment. Refer to the BE section for the removal procedure.)
6. Remove the rear wiper motor by removing the attaching bolts.
(Only for rear wiper-equipped model. Refer to the BE section for the removal procedure.)
7. Removal of back door handle assembly
 - (1) Disconnect the back door open control link from the back door handle assembly.
 - (2) Remove the back door handle assembly by removing the two attaching nuts.
8. Removal of back door lock cylinder
 - (1) Disconnect the back door lock control link from the back door lock cylinder.
 - (2) Remove the back door lock cylinder and lock cylinder pad by removing the lock retainer.
9. Disconnect the connector of the central door lock.
(Only for central door lock-equipped model)
10. Remove the back door lock assembly by removing the three attaching bolts.
11. Remove the back door lower male stopper by removing the two attaching bolts.
12. Disconnect the clamps of the wire harness from the back door panel.
13. Disconnect the rear window washer hose and plug the disconnected hose.
14. Disconnect the connector of the back door wire harness from the rear window defogger.
15. Disconnect the connector of the high mount stop lamp from the back door wire harness.
16. Remove the deck side trim. (Refer to the trim & garnish section.)
17. Disconnect the connector of the rear door wire harness from the connector of the wire harness.
18. Remove the back door wire harness from the body shell and back door by disconnecting the grommets on the back door wire harness.



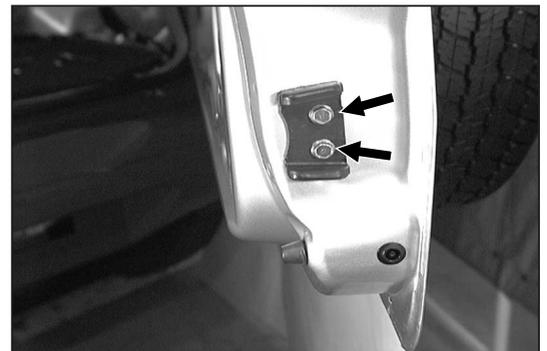
JBO00159-00136



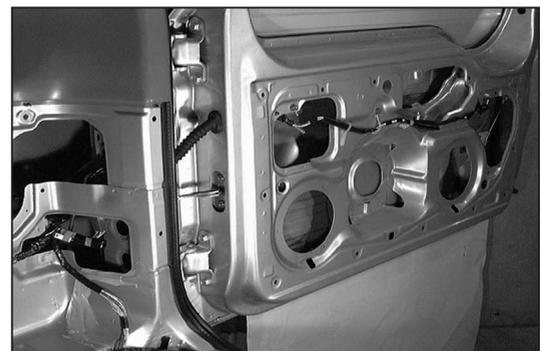
JBO00160-00137



JBO00161-00138



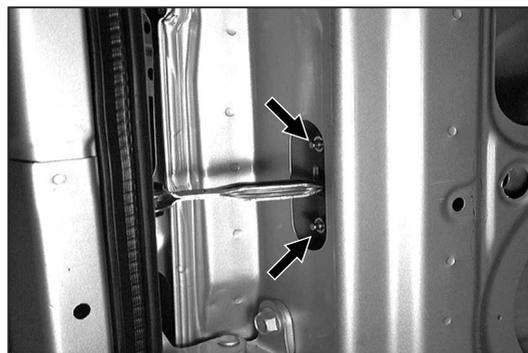
JBO00162-00139



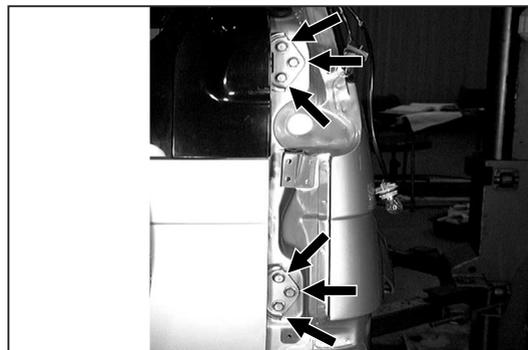
JBO00163-00140

BO-62

19. Remove the back door check assembly by removing the attaching bolts.
20. Remove the right hand side rear combination lamp and rear bumper filler.
(Refer to the rear bumper section)
21. Remove the back door by removing the attaching bolts of the back door hinge.
22. Remove the hinges from the back door by removing the attaching bolts.



JBO00164-00141



JBO00165-00142

ASSEMBLY

NOTE:

- Basically the assembling procedure is reverse to the disassembling procedure. Therefore, illustrations are not mentioned in this assembling procedure. Refer to the illustrations in the disassembling procedure in cases where any difficulty is encountered.

1. Installation of back door panel subassembly
 - (1) Install the back door hinges (upper & lower) to the back door panel with the attaching bolts.
 - (2) Install the back door to the vehicle shell with the attaching bolts securely.
 - (3) Adjust the back door alignment.
(Refer to the section under the adjustment of back door alignment.)
 - (4) Install the back door check assembly with the attaching bolts.
2. Install the right hand side rear combination lamp and rear bumper filler.
(Refer to the rear bumper section)
3. Install the rubber grommets of the back door wire harness to the back door panel and body shell.
4. Connect the connector of the rear door wire harness to the connector of the wire harness (body side.).
5. Install the deck side trim. (Refer to the trim & garnish section.)
6. Install the high mount stop lamp.
7. Connect the connector of the high mount stop lamp and/or rear window defogger.
(For model equipped with such equipment.)
8. Connect the rear door wire harness clamps to the rear door panel.
9. Connect the window washer hose.
10. Install the back door lower male stopper with the two attaching bolts.
(Refer to the section under the adjustment of back door alignment.)
11. Install the back door lock assembly with the attaching screws.
12. Connect the connector of the door lock control motor. (Only for central door lock-equipped model)
13. Installation of back door lock cylinder
 - (1) Install the back door lock cylinder and lock cylinder pad with the attaching lock retainer.
 - (2) Connect the back door lock control link to the back door lock cylinder.
14. Installation of back door handle assembly
 - (1) Install the back door handle assembly with the two attaching nuts.
 - (2) Connect the back door open control link to the back door handle assembly.

15. Install the rear wiper motor with the attaching bolts.
(Only for rear wiper-equipped model. Refer to the BE section for the installation procedure.)
16. Connect the connectors of the rear wiper motor and door lock control switch.
(Only for models equipped with such equipment. Refer to the BE section for the installation procedure.)

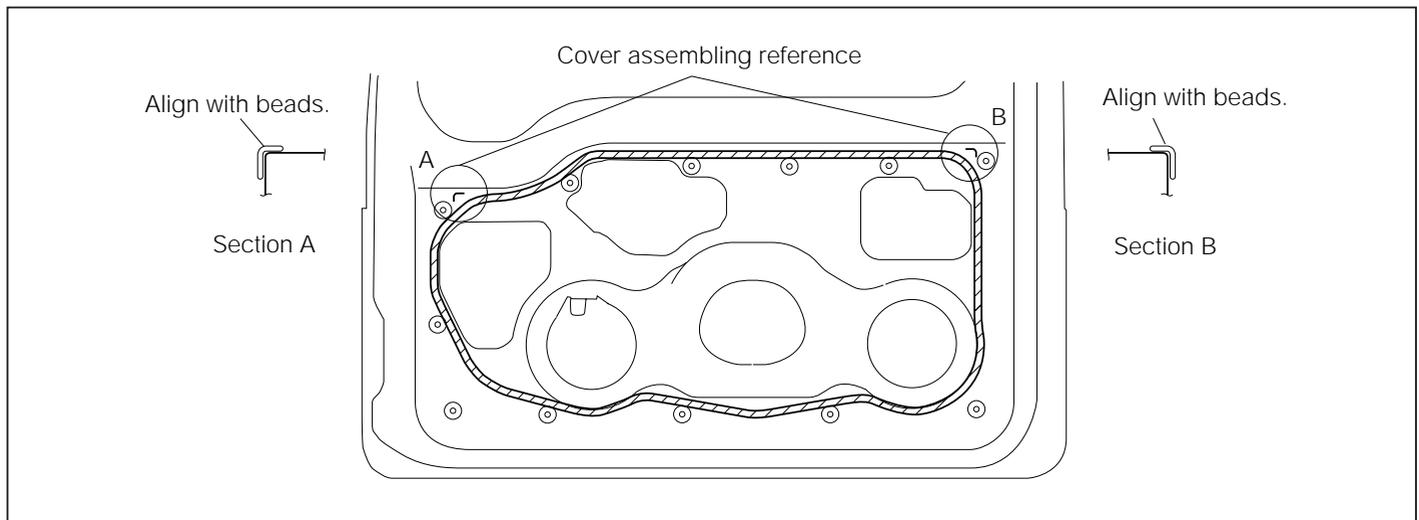
JBO00166-00000

17. Installation of back door service hole cover

CAUTION:

- Never reuse the used service hole cover.

- (1) Affix a butyl tape to the groove provided around the back door panel.
- (2) Affix the back door service hole cover as shown.

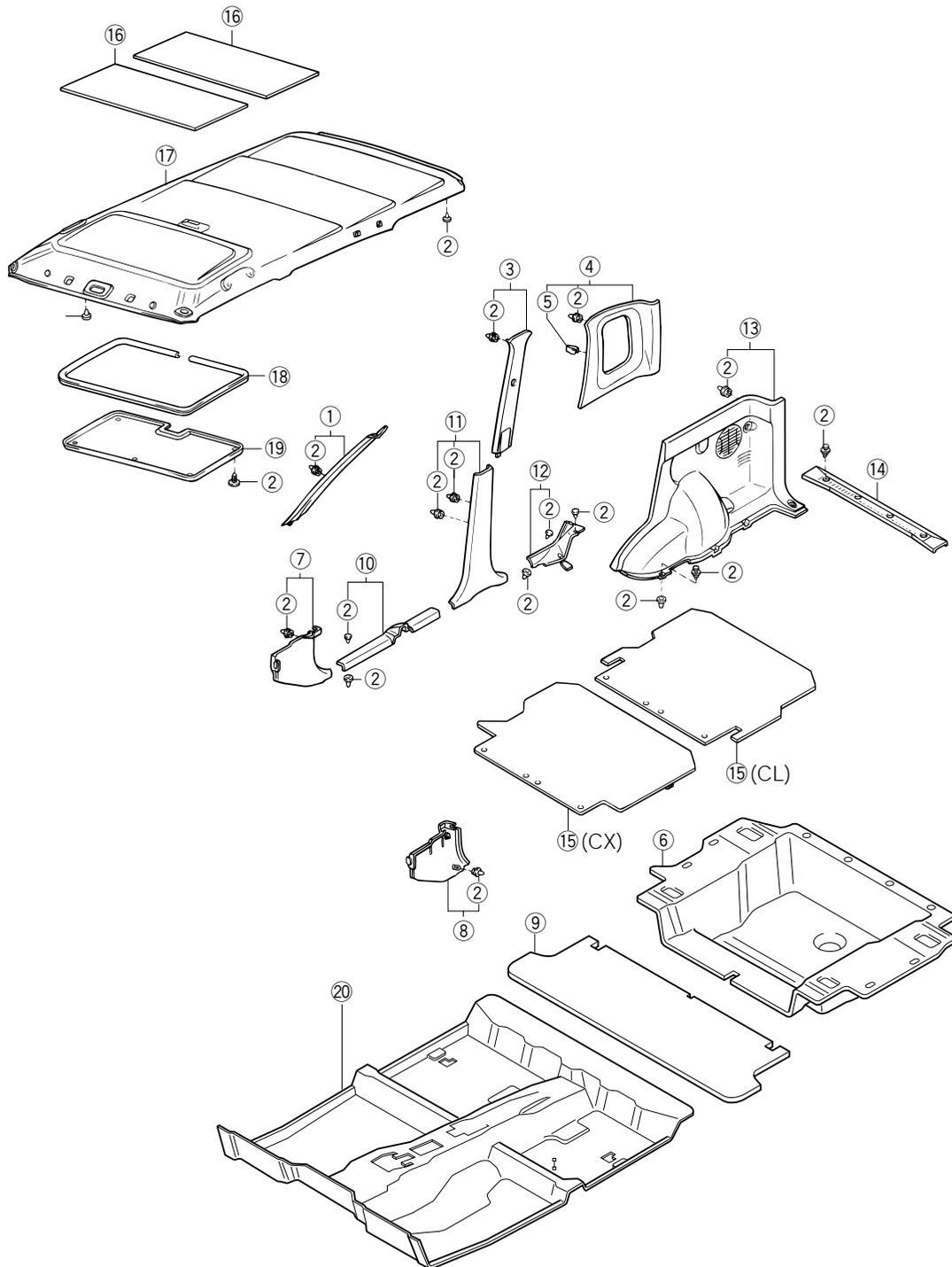


JBO00167-00143

18. Ensure that the back door trim retainers are installed properly.
19. Install the back door trim to the back door and ensure that the retainers are connected to the rear door panel properly.
20. Install the rear wiper arm with the attaching nut.
(Only for rear wiper-equipped model. Refer to the BE section for the installation procedure.)
21. Installation of spare wheel
 - (1) Install the spare wheel carrier assembly with the four attaching bolts and tighten them to the specified tightening torque.
Tightening Torque: 24.5 - 44.1 N·m (2.5 - 4.5 kgf·m)
 - (2) Install the spare wheel cover tray with the four attaching bolts and tighten them to the specified tightening torque.
Tightening Torque: 6.9 - 15.7 N·m (0.7 - 1.6 kgf·m)
 - (3) Install the spare wheel to the spare wheel carrier with the attaching bolts.
Tightening Torque: 19.6 - 29.4 N·m (2.0 - 3.0 kgf·m)

JBO00168-00000

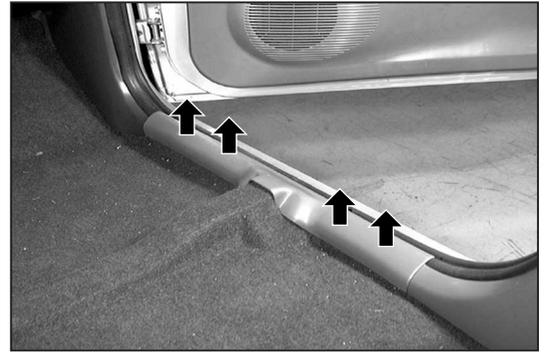
TRIM & GARNISH COMPONENTS



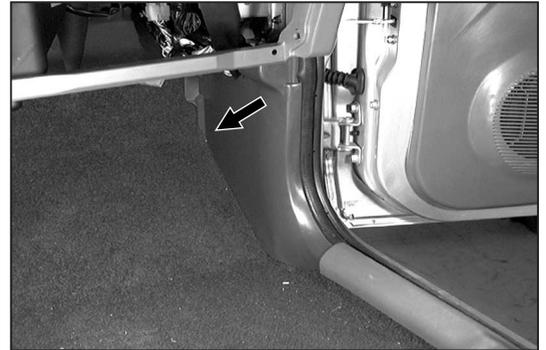
- | | |
|---------------------------------------|---|
| ① Front pillar garnish (R, L) | ⑪ Center pillar lower garnish (R, L) |
| ② Retainer | ⑫ Rear door scuff plate assembly (R, L) |
| ③ Center pillar upper garnish (R, L) | ⑬ Deck side trim (R, L) |
| ④ Roof side inner garnish (R, L) | ⑭ Lower back trim |
| ⑤ Clip | ⑮ Deck board assembly |
| ⑥ Rear floor rear carpet | ⑯ Roof silencer |
| ⑦ Cowl side trim right board assembly | ⑰ Roof headlining assembly |
| ⑧ Cowl side trim left board assembly | ⑱ Sun roof opening trim molding |
| ⑨ Rear floor front carpet | ⑲ Sun roof headlining |
| ⑩ Front door scuff plate (R, L) | ⑳ Floor carpet assembly |

REMOVAL

1. Remove the front and rear seats.
(Refer to the front and rear seat section.)
2. Removal of front door scuff plate
 - (1) Disconnect the four retainers provided under the scuff plate by pulling them up straight.
 - (2) Remove the front scuff plate.
3. Removal of cowl side trim board assembly
 - (1) Disconnect the retainers of the cowl side trim board from the body panel, using a clip remover or the like.
 - (2) Pull out the cowl side trim board assembly rearward to disengage it from the locator.
4. Removal of rear door scuff plate assembly
 - (1) Remove the attaching clips of rear door scuff plate.
 - (2) Gradually disconnect the retainers provided under the scuff plate by lifting them up.
 - (3) Remove the rear door scuff plate.
5. Removal of center pillar lower garnish
 - (1) Disconnect the retainers of the center pillar lower garnish, using a clip remover or the like.
 - (2) Remove the center pillar lower garnish while lifting it upward.
6. Removal of center pillar upper garnish
 - (1) Remove the front seat outer belt shoulder anchor.
(Refer to the seat belt section for the removal procedure.)
 - (2) Disconnect the retainers of the center pillar upper garnish, using a clip remover or the like.
 - (3) Remove the center pillar upper garnish.
7. Removal of the front floor carpet assembly and rear floor front carpet.
(Only when necessary.)
 - (1) Remove the rear console box assembly and console panel. (Refer to instrument panel section for removal.)
 - (2) Remove the front floor carpet assembly by removing the attaching clip and rear floor front carpet.



JBO00170-00145



JBO00171-00146



JBO00172-00147



JBO00173-00148

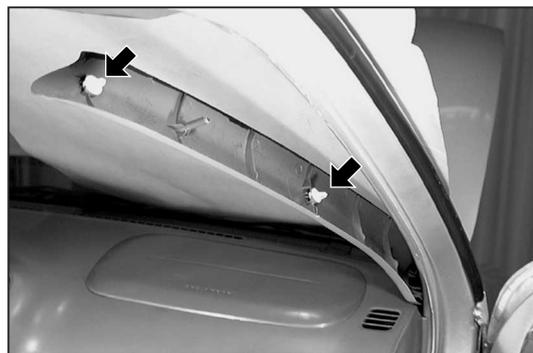


JBO00174-00149

BO-66

8. Removal of front pillar garnish

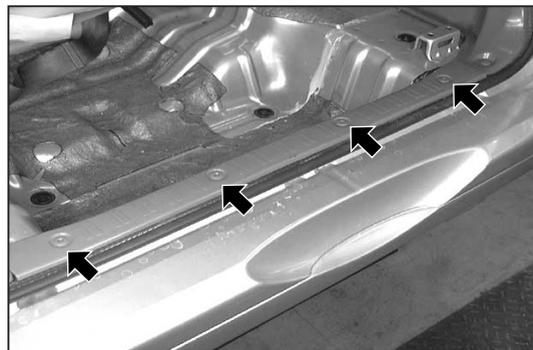
- (1) Disconnect the clips provided on the back side of the front pillar garnish, using a clip remover or the like.
- (2) Remove the front pillar garnish.



JBO00175-00150

9. Removal of lower back trim

- (1) Unlock the clips by pushing the central part of the clips one notch.
- (2) Remove the clips from the lower back trim.
- (3) Remove the lower back trim.



JBO00176-00222

10. Remove the deck board assembly by removing the attaching bolts.

11. Removal of deck side trim

- (1) Remove the rear seat outer belt anchor. (Refer to the seat belt section.)
- (2) Unlock the clips by pushing the central part of the clips one notch.
- (3) Remove the deck side trim by carefully disconnecting the three spring clips installed at the rear door side.
- (4) Remove the luggage room lamp connector. (Only for luggage room lamp-equipped model. Refer to the BE section.)



JBO00177-00151

12. Remove the rear floor rear carpet.

13. Removal of roof side inner garnish

- (1) Remove the rear seat outer belt anchor assembly. (Refer to the seat belt section for the removal procedure.)
- (2) Disconnect the retainers of the roof side inner garnish by pulling it out, using a clip remover.
- (3) Remove the roof side inner garnish.



JBO00178-00152

14. Remove the assist grip assembly by removing the attaching screws.

NOTE:

- Open the cover for assist grip attaching screws, before removing the attaching screws, if the model equipped with the assist grip attaching screw cover.



JBO00179-00153

15. Removal of inner rear-view mirror assembly and visor assembly
 - (1) Disconnect the visor assembly from the visor holder.
 - (2) Remove the visor assembly by removing the two attaching screws.
 - (3) Remove the visor holder by removing the attaching screws.
 - (4) Remove the room lamp cover.
 - (5) Remove the two attaching screws of the inner rear-view mirror.
 - (6) Remove the inner rear-view mirror by disconnecting its connector.
16. Remove the removable roof assembly.
(Refer to the removable roof section.)



JBO00180-00154

17. Remove the roof headlining assembly by removing the attaching retainer.
CAUTION:
 - Be very careful not to smear the roof headlining during the removal.
 - Be very careful not to bend the roof headlining during the removal.
 - Never reuse the damaged grommet.



JBO00181-00155

18. Tear off the roof silencer from the roof panel.
(Only when necessary)
NOTE:
 - Never reuse the removed silencer pad.



JBO00182-00156

INSTALLATION

NOTE:

- Basically the assembling procedure is reverse to the disassembling procedure. Therefore, some illustrations are not mentioned in this assembling procedure. Refer to the illustrations in the disassembling procedure in cases where any difficulty is encountered.

1. Sticking of roof silencer pad

- (1) Clean the roof silencer attaching surface of the roof panel.
- (2) Apply adhesive agent to the roof silencer.

CAUTION:

- Ensure that the adhesive agent be applied to at least 90% of the roof silencer. Failure to observe this caution may lead to producing echo or resonance noise from the roof panel.

- (3) Stick the roof silencer pad to the roof panel.

2. Install the roof headlining with the attaching retainer.

CAUTION:

- Never reuse the damaged retainer.
- Be very careful not to bend the roof headlining during the installation.
- Be very careful not to smear the roof headlining during the installation.
- Make sure that each connector is located at the lamp attaching section.

3. Install the removable roof assembly. (Refer to the removable roof section.)

4. Installation of inner rear-view mirror and visor assembly

- (1) Connect the connector of the roof wire to the inner rear-view mirror.
- (2) Install the inner rear-view mirror with the two attaching screws.
- (3) Install the room lamp cover.
- (4) Install the visor holder with the attaching screw.
- (5) Install the visor assembly with the two attaching screws.
- (6) Connect the visor assembly to the visor holder.

5. Install the assist grip assembly with the attaching screws.

6. Place the front floor carpet in position and install the clip.

7. Install the rear floor front carpet and rear floor rear mat in position.

8. Install the child restraint anchorage. (Only for vehicles with the Australian specifications)

Tightening Torque: 15.4 - 28.6 N·m (1.57 - 2.91 kgf-m)

9. Installation of roof side inner garnish

- (1) Ensure that the door trim retainers are properly installed on the back side of the roof side inner garnish.
- (2) Install the roof side inner garnish by engaging the retainer with the body shell. To engage the retainer with the body shell, lightly tap the retainer attached position of the roof side inner garnish surface horizontally by hand.

CAUTION:

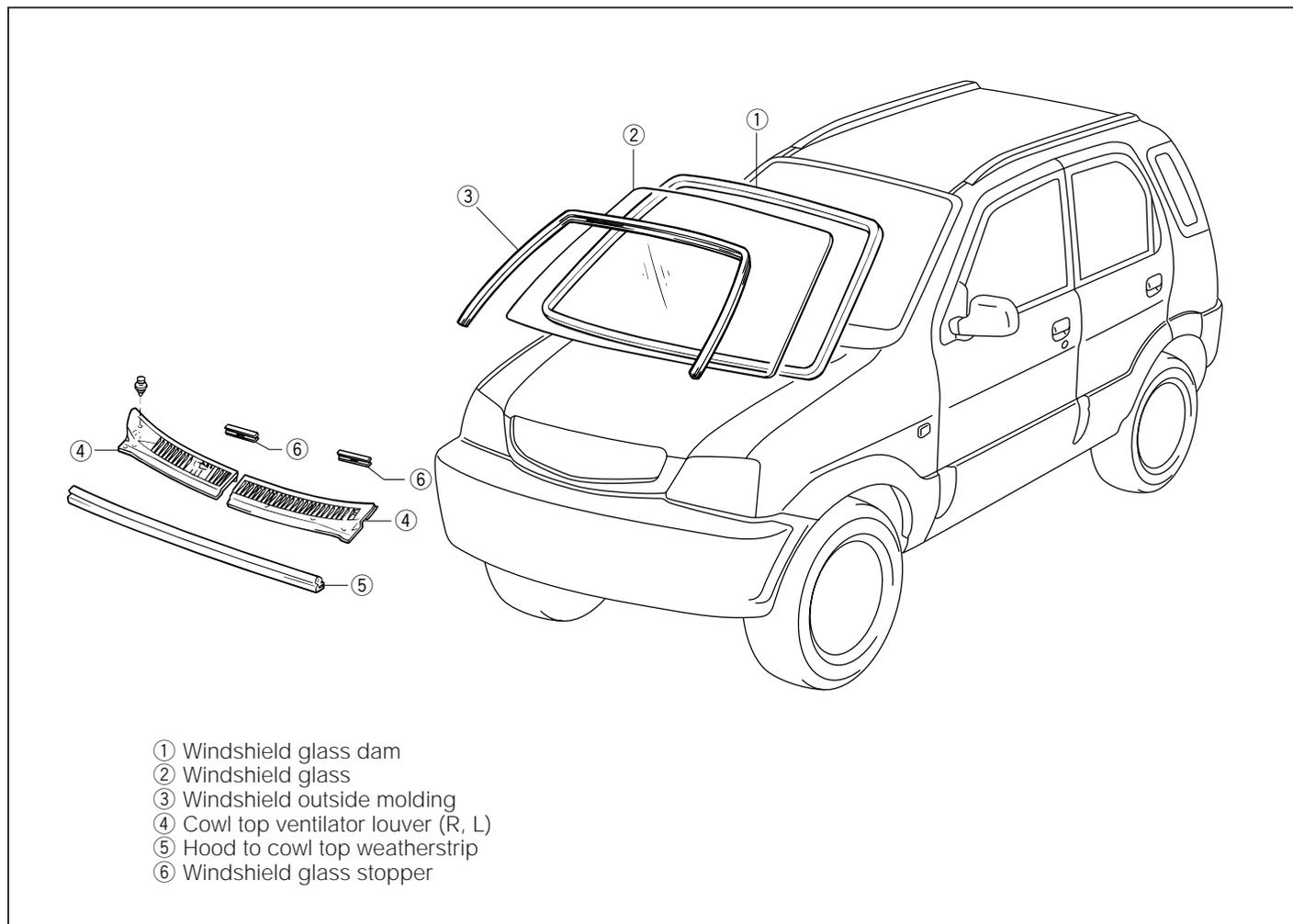
- Be sure to tap the back side of the retainer attaching position horizontally by hand. Failure to observe this caution may damage the retainer or other related parts.

10. Installation of deck side trim

- (1) Connect the luggage room lamp connectors to luggage room lamp. (Refer to BE section of the installation procedure.)
- (2) Install the deck side trim.
- (3) Push back the central part of the retainer one click from the position where the central part is flush with the outer part.
- (4) Install the retainer and lock the retainer by pushing the central part of the retainer until its upper surface becomes flush with the outer part of the retainer.
- (5) Install the rear seat outer belt assembly.
(Refer to the seat belt section for the installation procedure.)

11. Install the deck board assembly by installing the attaching bolts.
12. Installation of lower back trim
 - (1) Place the lower back trim in position.
 - (2) Push back the central part of the retainer one click from the position where the central part is flush with the outer part.
 - (3) Install the retainer and lock the retainer by pushing the central part of the retainer until its upper surface becomes flush with the outer part of the retainer.
13. Installation of front pillar garnish
 - (1) Ensure that the clips are installed properly.
 - (2) Insert the lower end of the front pillar garnish into the hole of the front pillar.
 - (3) Install the front pillar garnish by engaging the retainers with the front pillar.
14. Installation of center pillar upper garnish
 - (1) Ensure that the retainers are installed properly.
 - (2) Install the center pillar upper garnish to the center pillar and ensure that the retainers are engaged properly.
 - (3) Install the front seat outer belt shoulder anchor. (Refer to the seat belt section for the removal procedure.)
15. Install the center pillar lower garnish.
16. Installation of rear door scuff plate assembly
 - (1) Ensure that the retainers are installed properly.
 - (2) Install the rear door scuff plate. Ensure that the retainers are engaged properly.
 - (3) Secure the door scuff plate installing the attaching clips.
 - (4) Install the retainer and lock the retainer by pushing the central part of the retainer until its upper surface becomes flush with the outer part of the retainer.
17. Installation of cowl side trim board assembly
 - (1) Ensure that the retainers are installed properly.
 - (2) Insert the cowl side trim into the retainers from the back side of the vehicle.
 - (3) Connect the retainer on the cowl side trim to the body panel.
18. Installation of front door scuff plate
 - (1) Ensure that the retainers are installed properly.
 - (2) Install the front door scuff plate. Ensure that the retainers are connected securely.
19. Install the front and rear seat. (Refer to the front and rear seat section.)

WINDOWS COMPONENTS



JBO00184-00157

REMOVAL

1. Preparation prior to removal

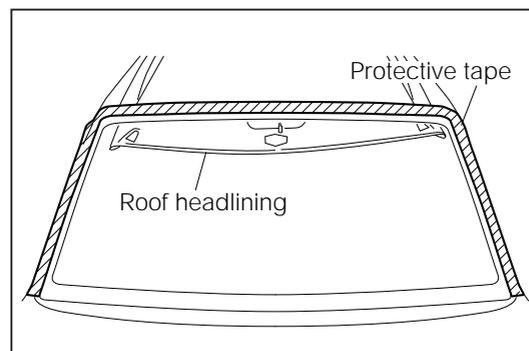
- (1) Remove the front pillar garnish & roof headlining. (Refer to the trim & garnish section.)
- (2) Remove the instrument panel. (Refer to the instrument panel section.)
- (3) Remove the wiper arms. (Refer to the BE section.)
- (4) Remove the hood-to-cowl top weatherstrip.
- (5) Remove the cowl top ventilator louver by removing the attaching retainers.
- (6) Remove the windshield outside moulding.

JBO00185-00000

- (7) Protection of paint surface around windshield glass
Protect the paint surface around the windshield glass by applying a protective tape or the like.

CAUTION:

- To protect the paint surface, be sure to apply a protective tape to the inside of the edge (groove around the window attaching surface) as far as it will go.
- Be sure to protect both cabin and outside surface.



JBO00186-00158

- Cut off the windshield glass adhesive by a cutter knife or the like to make a small hole, in order to pass a piano wire through the hole.

CAUTION:

- Be very careful not to damage the paint surface and windshield by the cutter knife or the like.

NOTE:

- Change the position of the hole to be made if any difficulty is encountered, because spacers or retainers are installed at some parts.
- For quicker operation, make a hole on the adhesive agent with a heated wire.

CAUTION:

- Be very careful not to get scalded during the operation.

- Pass the piano wire through the adhesive agent.
- Hold both ends of the piano wire by pliers or the like and cut off the adhesive by pulling the piano wire one side to the other.

NOTE:

- Some parts are hard to be cut off, because spacers or retainers are built in between the glass and the body panel.

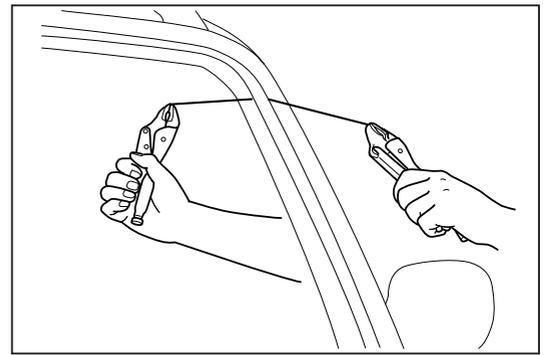
- Remove the windshield glass.
- Remove the remaining material of the stopper and dam from the windshield glass frame.

- Clean the adhesive applying part of the windshield glass frame and windshield glass as follows.

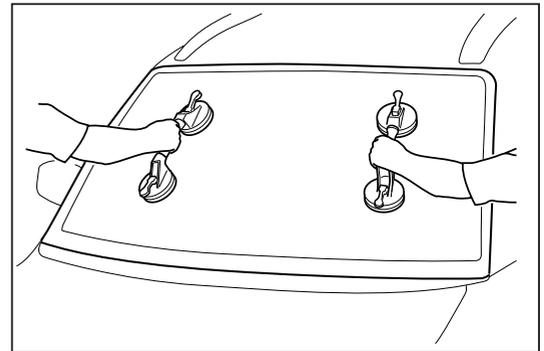
CAUTION:

- Degrease the blade of a cutter knife before it is put into use.

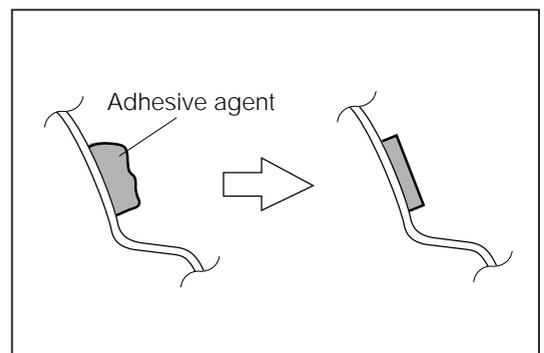
The surface of the adhesive agent that was cut by the piano wire should be made flat by means of a cutter knife, while leaving a thin layer of the adhesive material.



JBO00187-00159



JBO00188-00160

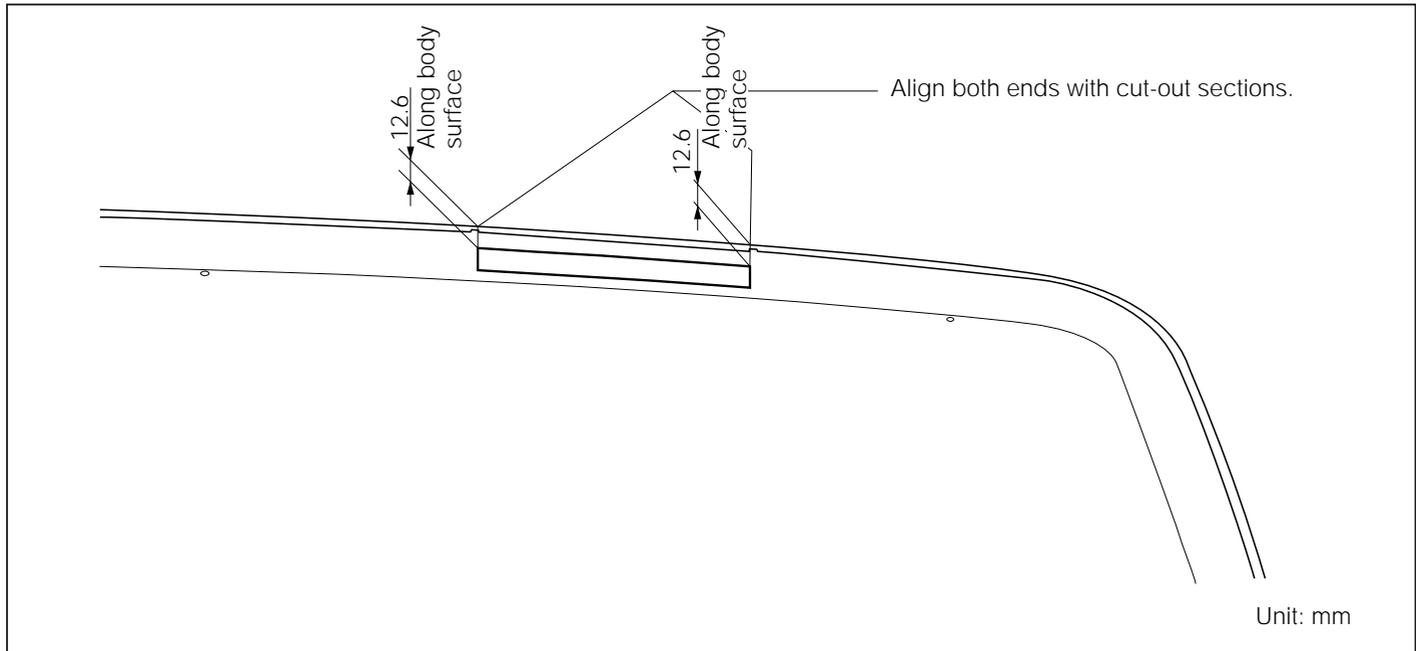


JBO00189-00161

BO-72

INSTALLATION

1. Affix locating stoppers to the windshield glass as shown in the figure below.



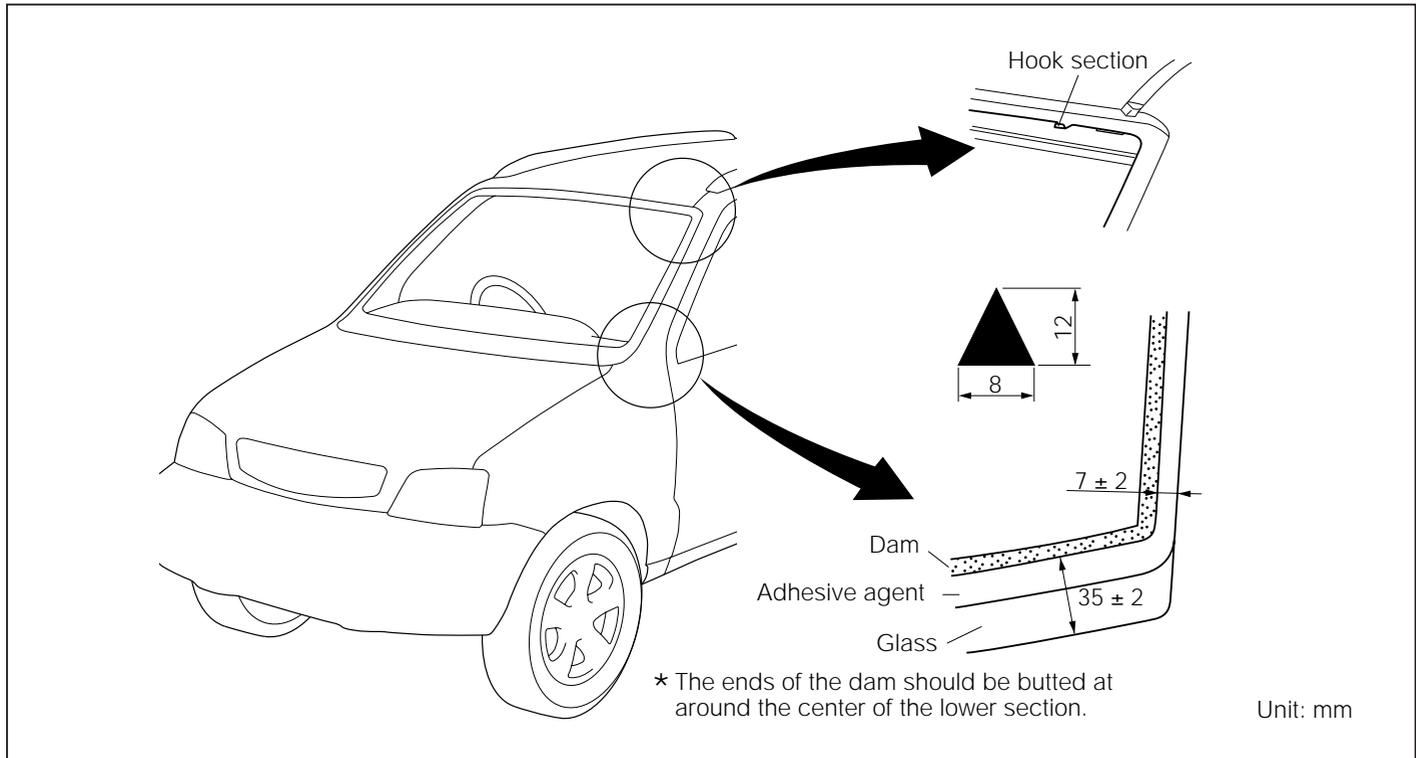
JBO00190-00162

2. Affix a windshield glass dam of the windshield glass to the position shown in the figure below.
3. Apply the primer for the windshield glass frame and/or windshield glass to under the adhesive agent applying portion if the adhesive agent has been removed completely.

NOTE:

- Do not apply the primer when adhesive materials remain on the windshield glass frame or windshield glass. Be sure to apply the adhesive agent three minutes after the primer has been applied.

4. Apply the adhesive agent to the positions shown in the figure below. Apply the adhesive agent in such a way that the cross section of the applied agent may measure 8 mm in base length and 12 mm in height.

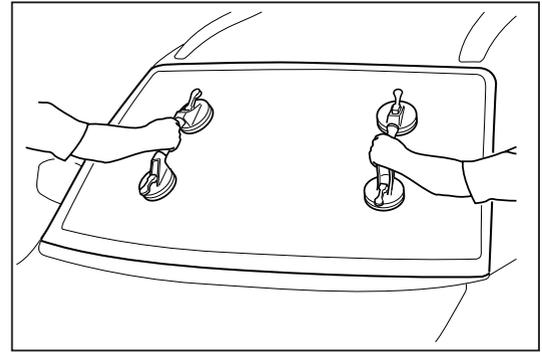


JBO00191-00163

5. Install the glass, using suction rubbers. Push the entire glass surface lightly so that the glass may fit completely.

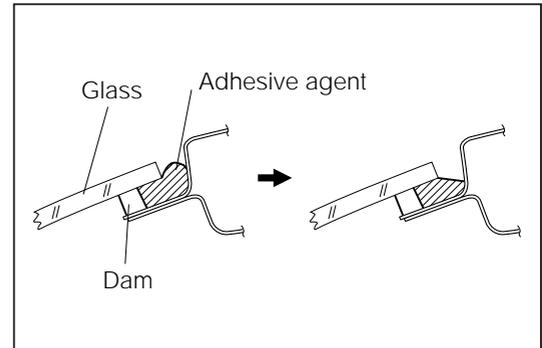
NOTE:

- At this time, assembling should be performed while the marks of the tinted section of the glass are aligned with the windshield glass stoppers.



JBO00192-00164

6. Using a spatula or the like, correct the adhesive agent which has oozed out to the peripheral section of the glass, as shown in the right figure.
7. Affix the windshield outside molding.



JBO00193-00165

8. Cure the adhesive agent completely.

NOTE:

- Observe the curing time of the adhesive agent specified by its manufacturer.

CAUTION:

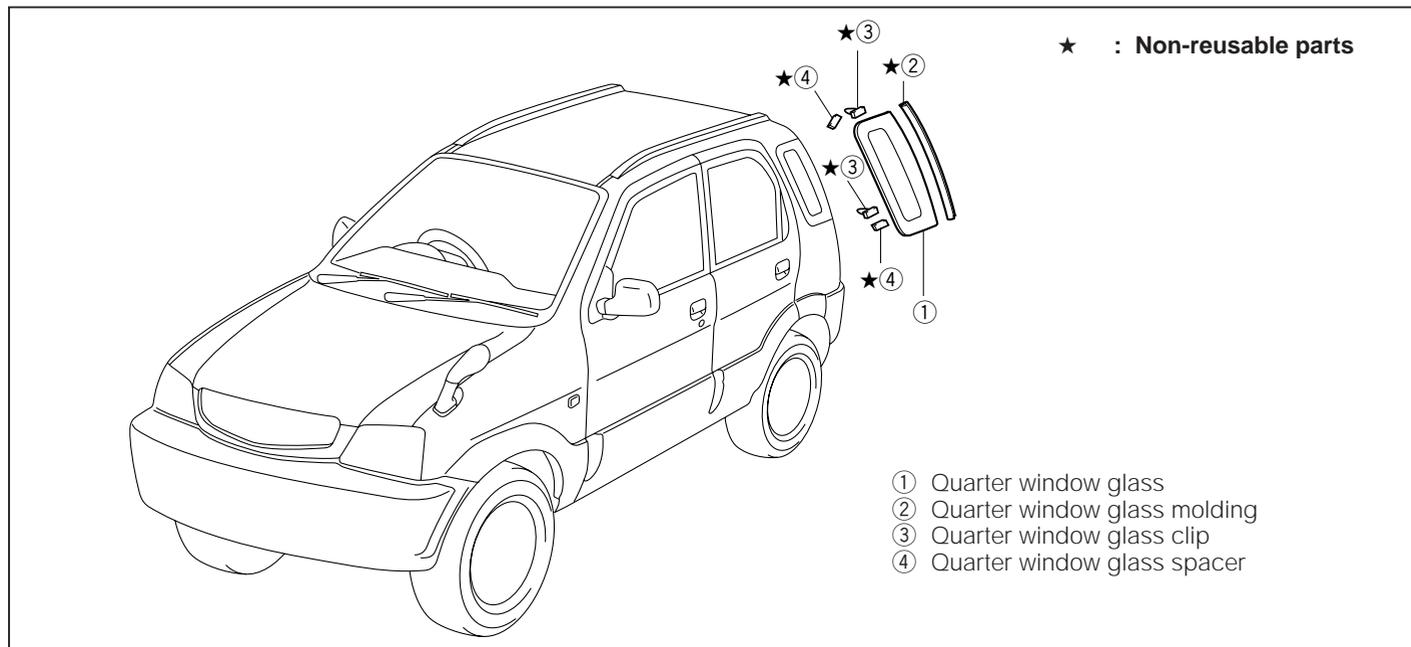
- Do not move the vehicle until the adhesive agent of the windshield cures completely.

As for the following operations, refer to the front windshield wiper section on the BE section.

9. Install the cowl top ventilator louver.
10. Install the hood-to-cowl top weatherstrip.
11. Install the front windshield wiper arms.
12. Ensure that no water leakage exists.
If any water leakage is found, repair it, as required, or re-fix the front windshield glass.

JBO00194-00000

QUARTER WINDOW GLASS COMPONENTS



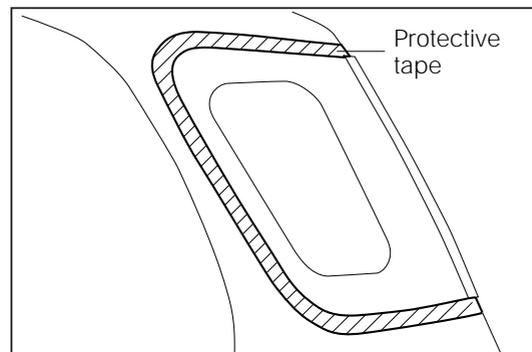
JBO00195-00166

REMOVAL

1. Preparation prior to removal
 - (1) Remove the roof side inner garnish.
(Refer to the trim & garnish section.)
 - (2) Protection for paint surface around windows
Protect the paint surface around the windows by applying a protective tape or the like.

CAUTION:

- To protect the paint surface, be sure to apply a protective tape to the inside of the edge (groove around the window attaching surface) as far as it will go.
- Be sure to protect both cabin and outside surface.



JBO00196-00167

2. Cut off the window glass adhesive by a cutter knife or the like to make a small hole, in order to pass a piano wire through the hole.

CAUTION:

- Be very careful not to damage the paint surface and window by the cutter knife or the like.

NOTE:

- Change the position of the hole to be made if any difficulty is encountered, because spacers or retainers are installed at some parts.
- For quicker operation, make a hole on the adhesive agent with a heated wire.

CAUTION:

- Be very careful not to get scalded during the operation.

3. Pass a piano wire through the adhesive agent.
4. Hold both ends of the piano wire by pliers or the like and cut off the adhesive by pulling the piano wire one side to the other.

NOTE:

- Some parts are hard to be cut off, because spacers or retainers are built in between the glass and the body panel.

5. Remove the window.
6. Remove the remaining material of the stopper and dam from the window frame.
7. Clean the adhesive applying part of the window frame and window glass as follows.

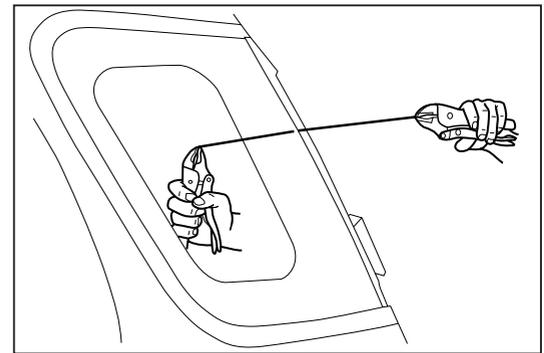
CAUTION:

- Degrease the blade of a cutter knife before it is put into use.

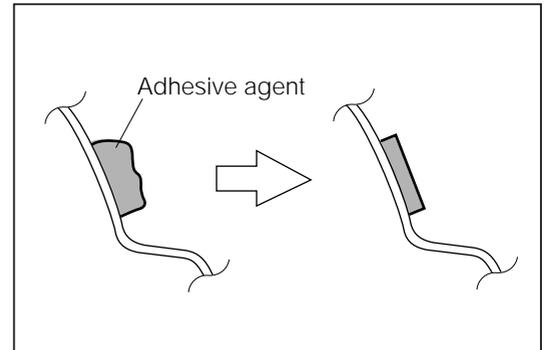
The surface of the adhesive agent that was cut by the piano wire should be made flat by means of a cutter knife, while leaving a thin layer of the adhesive material.

INSTALLATION

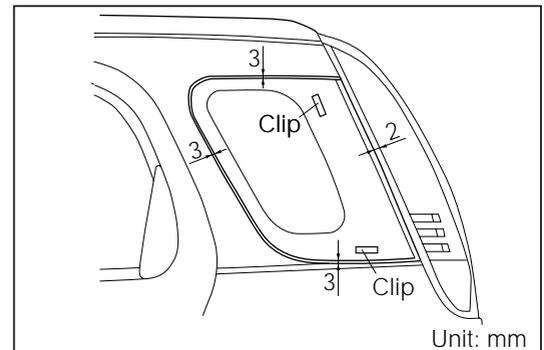
1. Affix clips to the quarter window glass as follows.
 - (1) Install the clips to the holes on the body panel.
 - (2) Remove the protective sheet of the clip.
 - (3) Place the quarter window glass to the body at a location as shown.
 - (4) Ensure that the clips are stuck to the quarter window glass.
 - (5) Remove the quarter window glass from the body.
 - (6) Ensure that the clips are stuck to the correct position of the quarter window glass as shown.



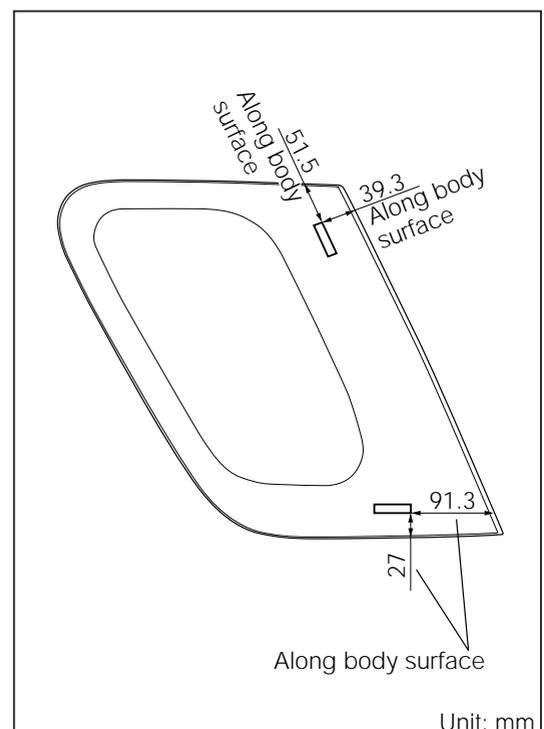
JBO00197-00168



JBO00198-00169



Unit: mm
JBO00199-00170



Unit: mm
JBO00200-00171

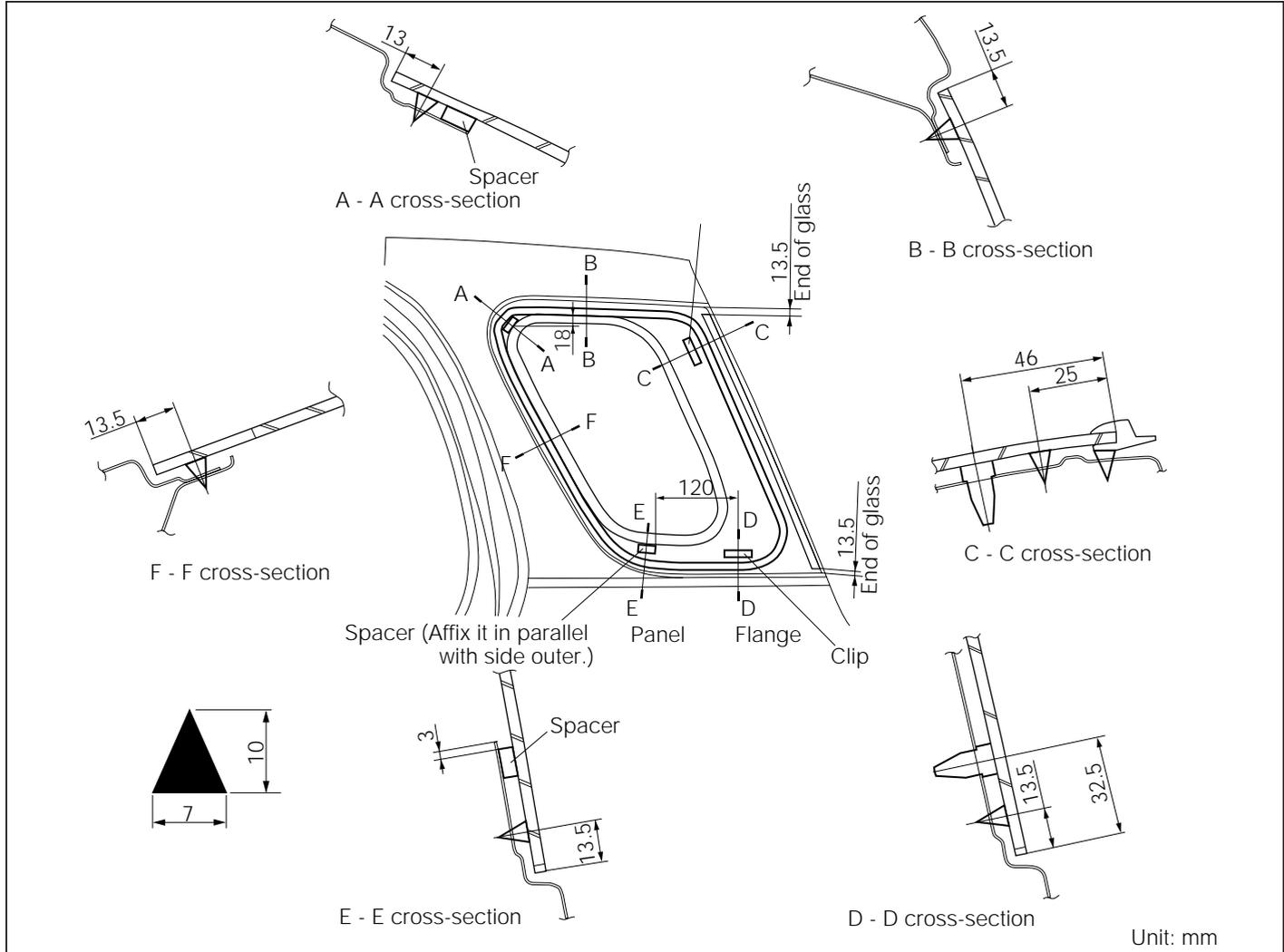
BO-76

- Affix the quarter window glass molding to the quarter window with a two-faced tape.
- Affix the spacers in position as shown in the figure below.
- Apply the primer for the window frame or window to under the adhesive agent applying portion if the adhesive agent has been removed completely.

NOTE:

- Do not apply the primer when adhesive materials remain on the window frame or window glass. Be sure to apply the adhesive agent three minutes after the primer has been applied.

- Apply the adhesive agent to the positions shown in the figure below. Apply the adhesive agent in such a way that the cross section of the applied agent may measure 8 mm in its base length and 12 mm in height.



JBO00201-00172

- Install the glass by inserting the clips into the holes on the body side. Push the entire glass surface lightly so that the glass may fit completely.
- Cure the adhesive agent completely.

NOTE:

- Observe the curing time of the adhesive agent specified by its manufacturer.

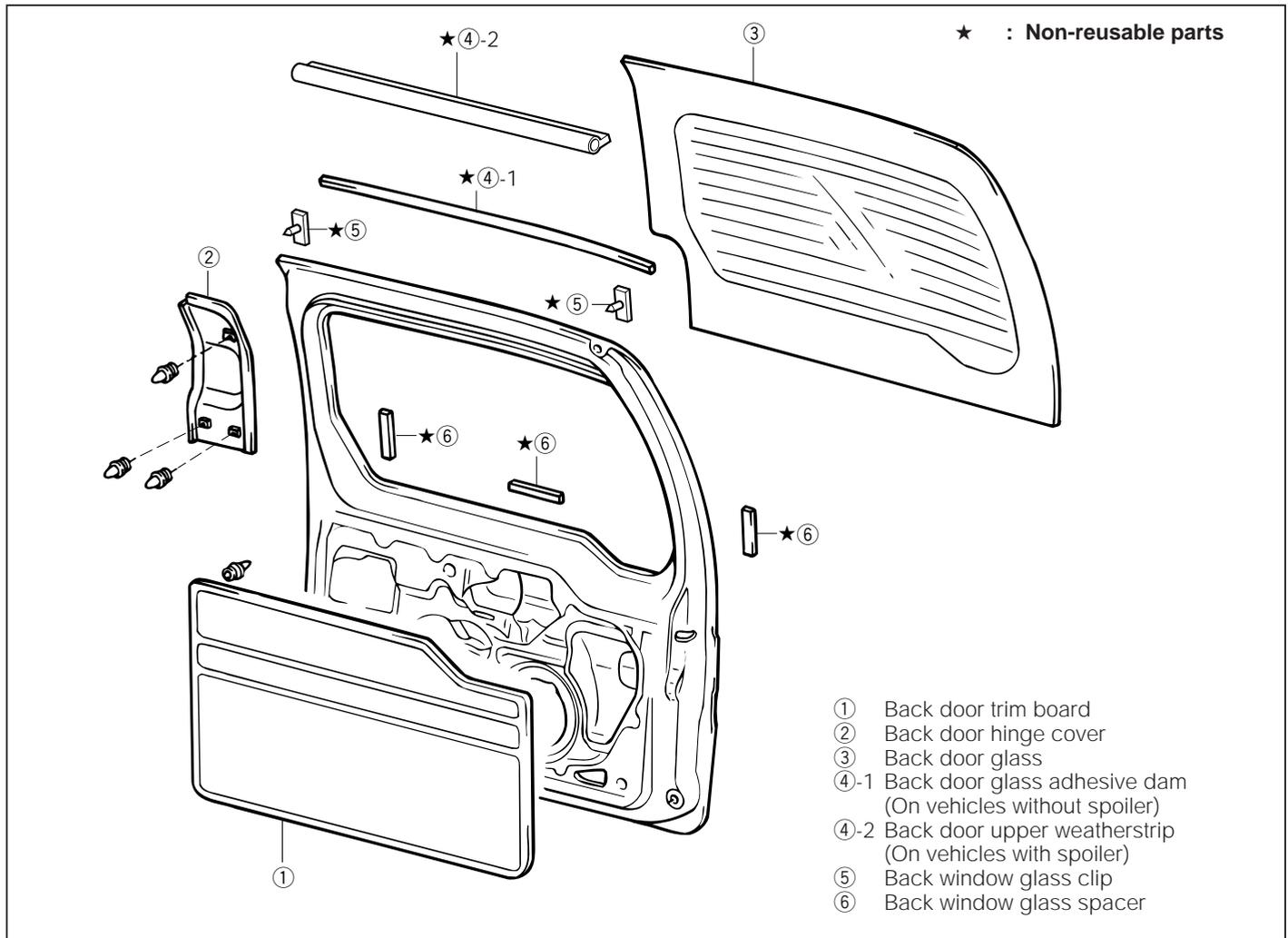
CAUTION:

- Do not move the vehicle until the adhesive agent of the window cures completely.

- Install the roof side inner garnish. (Refer to the trim & garnish section of the service manual.)
- Ensure that no water leakage exists. If any water leakage is found, repair it, as required, or refit the quarter window glass.

JBO00202-00000

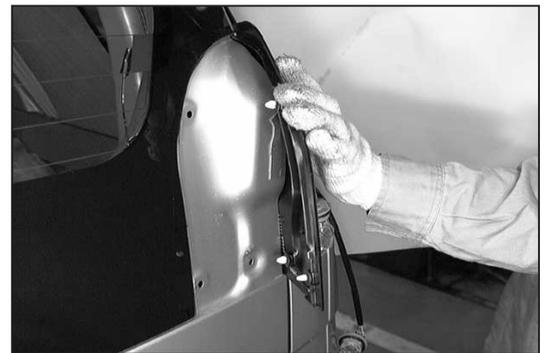
BACK DOOR WINDOW COMPONENTS



JBO00203-00173

REMOVAL

1. Preparation prior to removal
 - (1) Remove the back door hinge cover by disconnecting the retainers, using a clip remover.
- (2) Remove the back door trim board and service hole cover. (Only for model equipped with the rear wiper.) (Refer to the back door section.)
- (3) Remove the back door window wiper arm and wiper motor. (Only for model equipped with the rear wiper.) (Refer to BE section.)
- (4) Disconnect the connectors of the rear window defogger from the back door window. (Only for model equipped with the rear window defogger.) (Refer to the back door section.)
- (5) Remove the high mount stop lamp. (Only for model equipped with the high mount stop lamp.)



JBO00204-00174

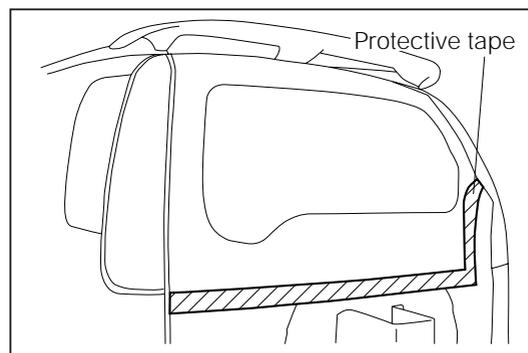
JBO00205-00000

BO-78

- (6) Protection for paint surface around windows
Protect the paint surface around the windows by applying a protective tape or the like.

CAUTION:

- To protect the paint surface, be sure to apply a protective tape to the inside of the edge (groove around the window attaching surface) as far as it will go.
- Be sure to protect both cabin and outside surface.



JBO00206-00175

2. Cut off the window glass adhesive by a cutter knife or the like to make a small hole, in order to pass a piano wire through the hole.

CAUTION:

- Be very careful not to damage the paint surface and window by the cutter knife or the like.

NOTE:

- Change the position of the hole to be made if any difficulty is encountered, because spacers or retainers are installed at some parts.
- For quicker operation, make a hole on the adhesive agent with a heated wire.

CAUTION:

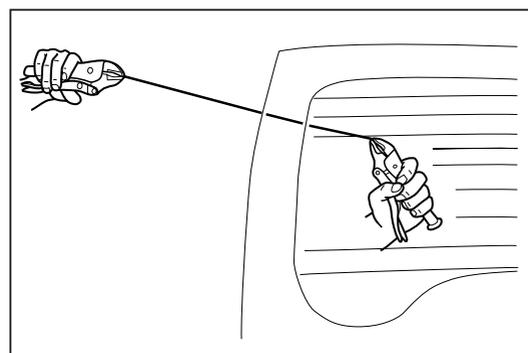
- Be very careful not to get scalded during the operation.

JBO00207-00000

3. Pass a piano wire through the adhesive agent.
4. Hold the both ends of the piano wire by pliers or the like and cut off the adhesive by pulling the piano wire one side to the other.

NOTE:

- Some parts are hard to be cut off, because spacers or retainers are built in between the glass and the body panel.



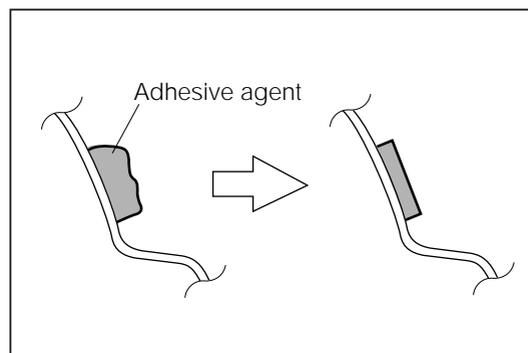
JBO00208-00176

5. Remove the window.
6. Remove the remaining material of the clips, spacer and dam from the window frame.
7. Clean the adhesive applying part of the window frame and window glass as follows.

CAUTION:

- Degrease the blade of a cutter knife before it is put into use.

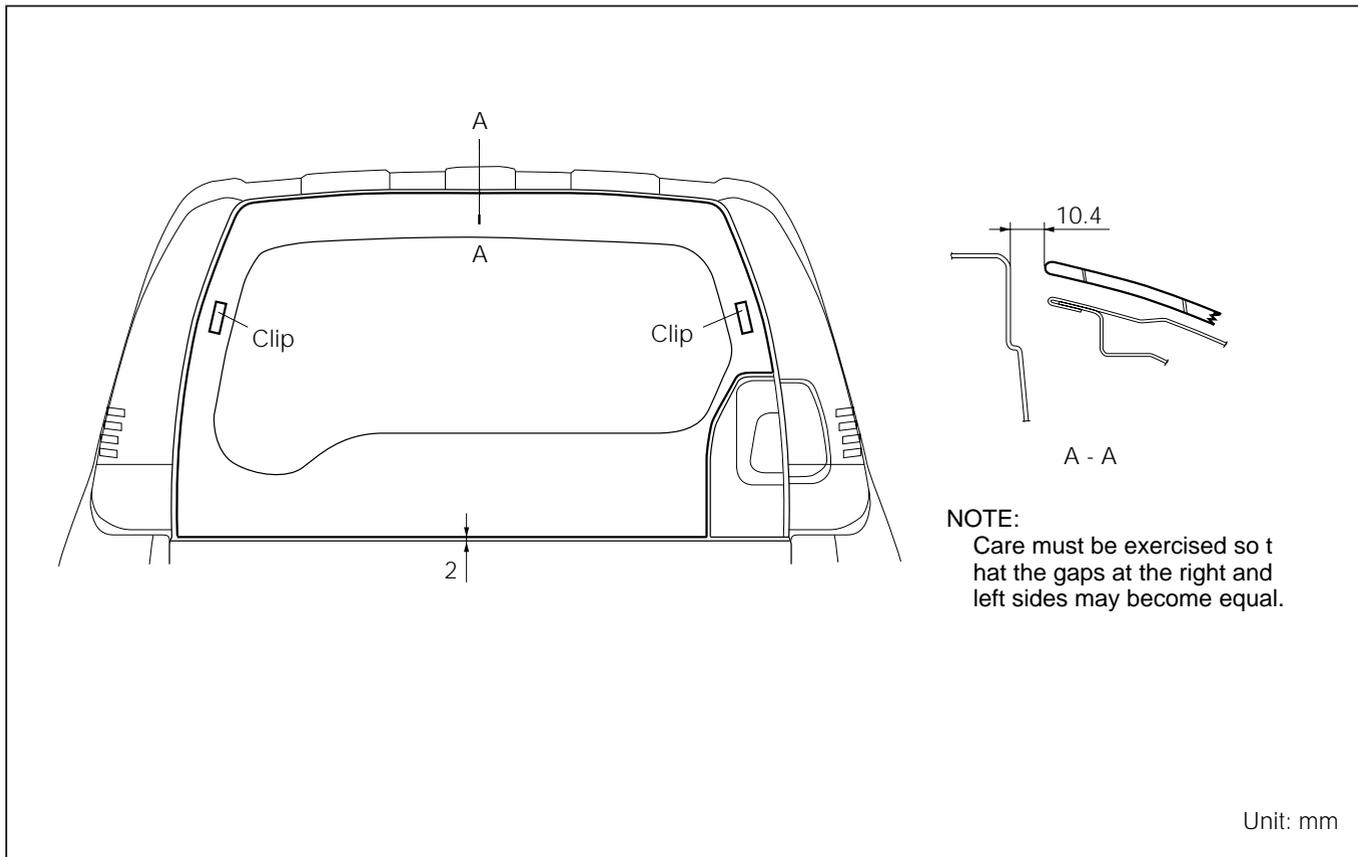
The surface of the adhesive agent that was cut by the piano wire should be made flat by means of a cutter knife, while leaving a thin layer of the adhesive material.



JBO00209-00177

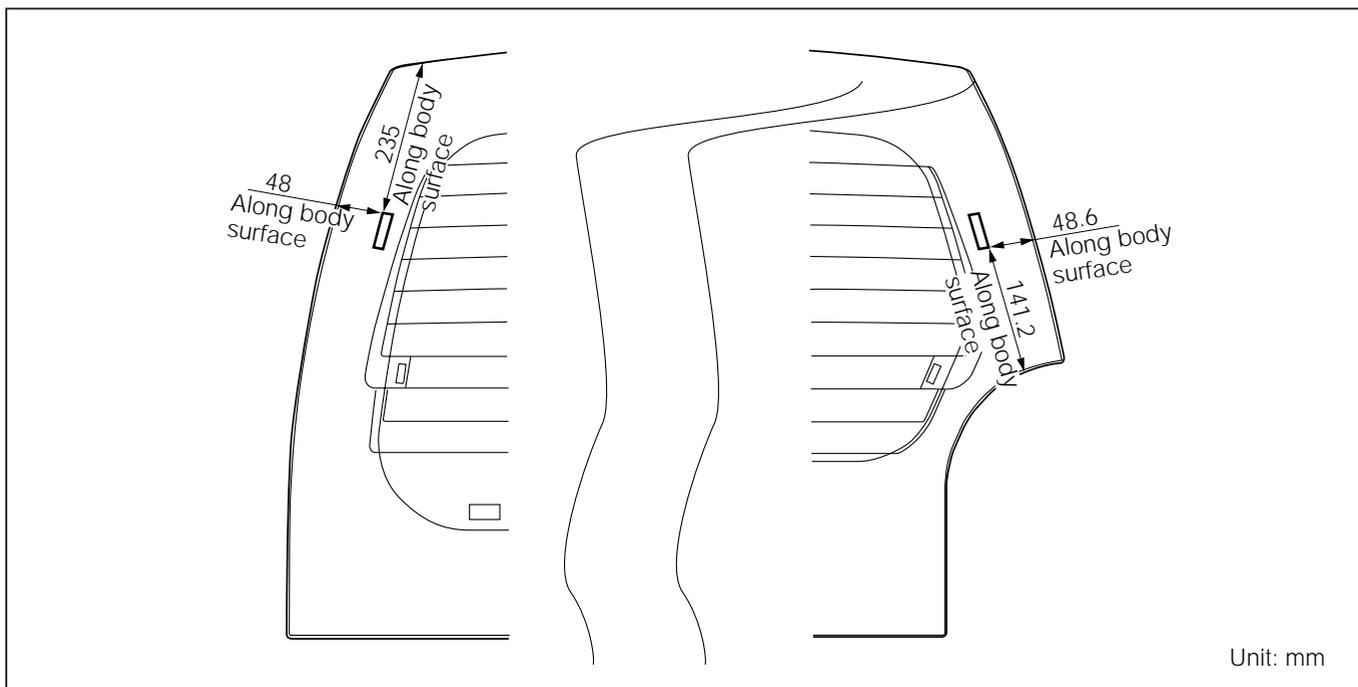
INSTALLATION

1. Affix the clips of the back door window glass as follows.
 - (1) Install the clips to the holes on the back door panel.
 - (2) Remove the protective sheet of the clip.
 - (3) Place the back door window glass to the body in such a location as shown.
 - (4) Ensure that the clips are stuck to the back door window glass.
 - (5) Remove the back door window glass from the back door.



JBO00210-00178

- (6) Ensure that the clips are stuck to the correct position of the quarter window glass as shown.



JBO00211-00179

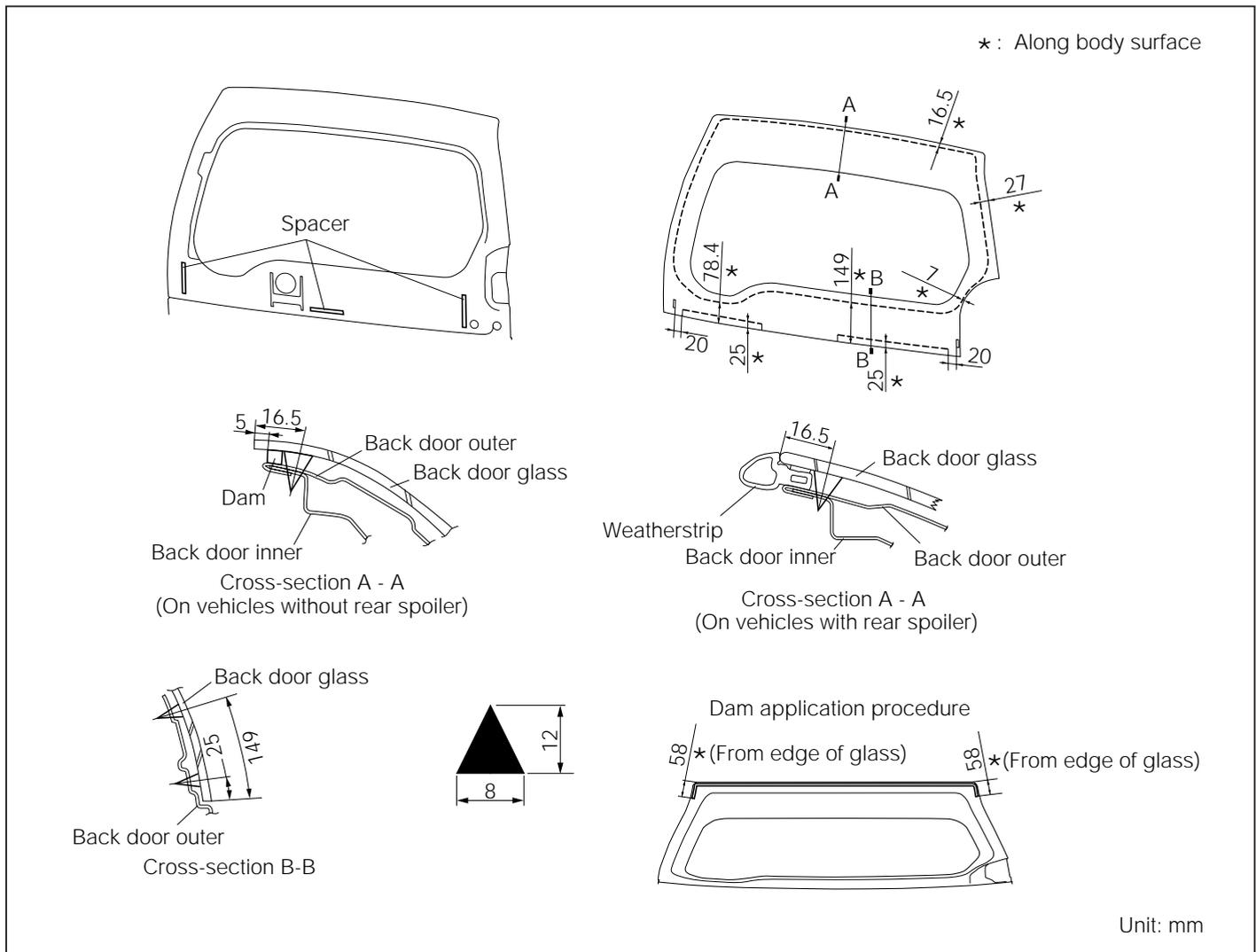
BO-80

- Affix the spacers in position as shown in the figure below.
- Affix the dam in position as shown in the figure below.
- Apply the primer for the window frame and/or window to under the adhesive agent applying portion if the adhesive agent has been removed completely.

NOTE:

- Do not apply the primer when adhesive materials remain on the window frame or window glass. Be sure to apply the adhesive agent three minutes after the primer has been applied.

- Apply the adhesive agent to the positions shown in the figure below. Apply the adhesive agent in such a way that the cross section of the applied agent may measure 8 mm in its base length and 12 mm in height.
- Affix the weatherstrip to the upper edge of the back door glass as shown in the figure below.



JBO00212-00180

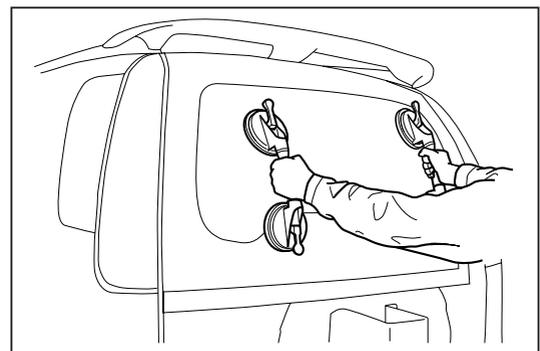
- Install the glass by inserting the clips into the holes on the back door side. Push the entire glass surface lightly so that the glass may fit completely.
- Cure the adhesive agent completely.

NOTE:

- Observe the curing time of the adhesive agent specified by its manufacturer.

CAUTION:

- Do not move the vehicle until the adhesive agent of the window cures completely.



JBO00213-00181

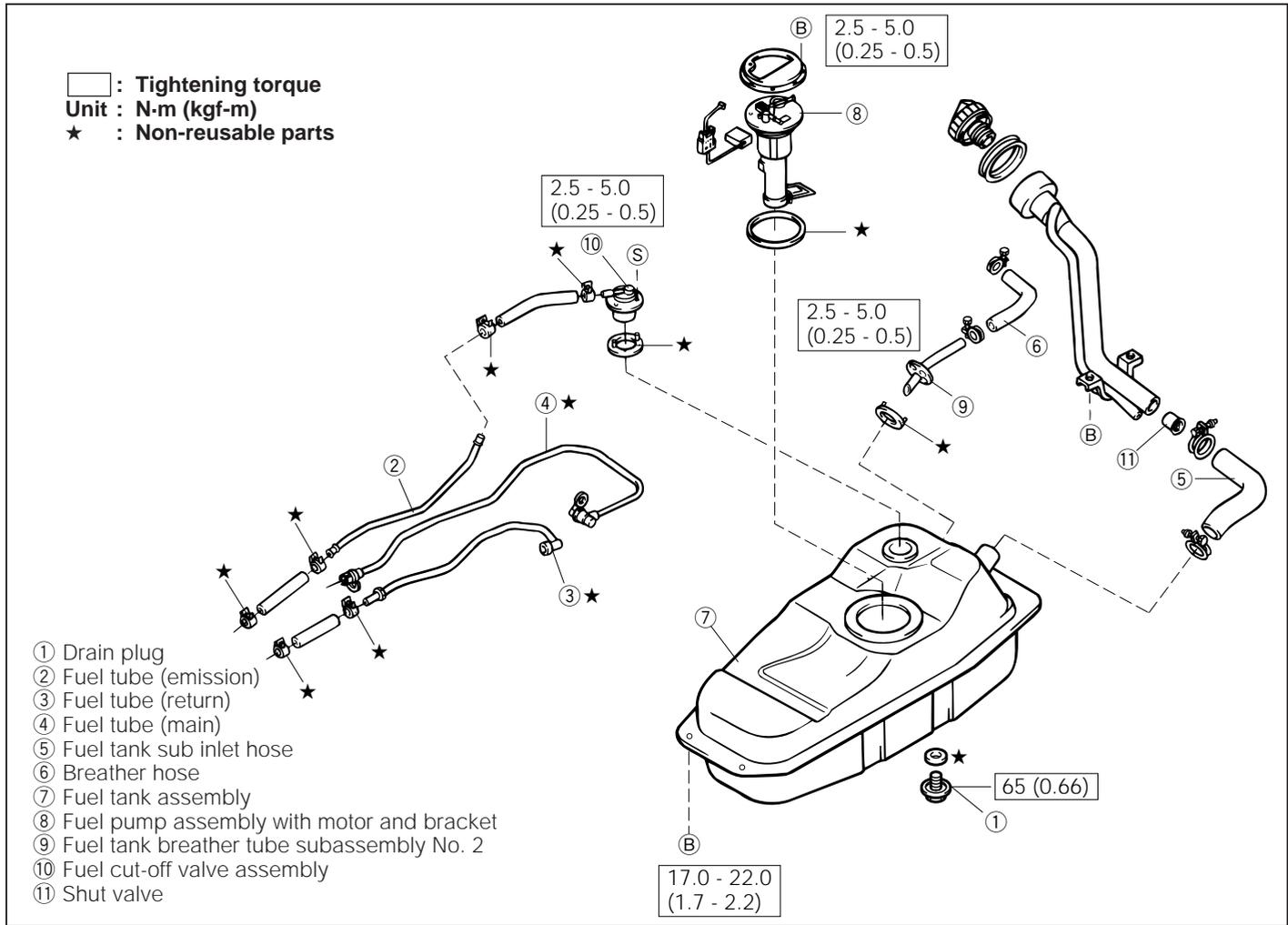
9. Install the roof side inner garnish. (Refer to the trim & garnish section of the service manual.)
10. Ensure that no water leakage exists.
If any water leakage is found, repair it, as required, or refit the quarter window glass.

NOTE:

- Be sure to seal the back door window wiper attaching hole before checking.

11. Remove the protective tape from around the windows.
12. Install the back door hinge cover by connecting the retainers.
13. Install the high mount stop lamp. (Only for model equipped with the high mount stop lamp.)
14. Connect the connectors of the rear window defogger to the back door window. (Only for model equipped with the rear window defogger.) (Refer to the back door section.)
15. Install the back door window wiper arm and wiper motor. (Only for model equipped with the rear wiper.) (Refer to the BE section.)
16. Install the back door trim board and service hole cover. (Only for model equipped with the rear wiper.) (Refer to the back door section.)

FUEL TANK COMPONENTS



JBO00215-00182

REMOVAL

WARNING:

- Never work near open flame or never smoke near the working site of fuel-related components.

1. Draining of fuel from fuel tank
 (1) Remove the fuel filler cap.

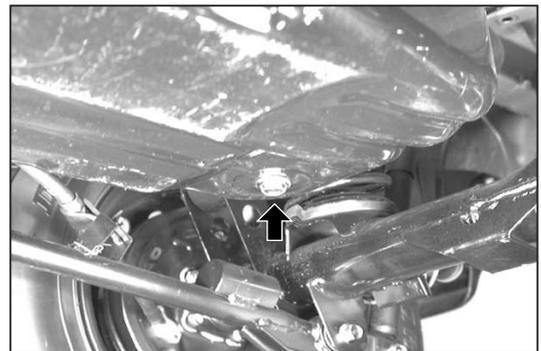


JBO00216-00183

- (2) Place a suitable container under the fuel drain plug.
- (3) Drain the fuel to the container by removing the fuel drain plug.

CAUTION:

- Never reuse the used gasket.

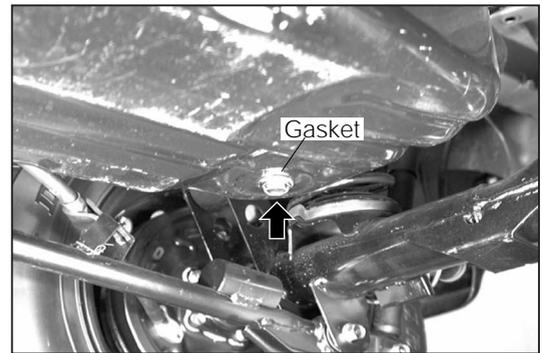


JBO00217-00184

- (4) Install the fuel drain plug with new gasket interposed and tighten it to specified tightening torque.
(When fuel tank is reused.)
Tightening torque: 65 N·m (0.66 kgf·m)

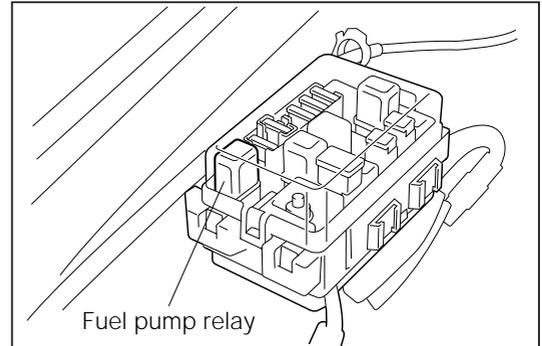
CAUTION:

- Be sure to clean the gasket attaching surface of fuel tank and fuel drain plug before installation.
- Never reuse the used gasket.
- Never over tighten the fuel drain plug.



JBO00218-00185

2. Remove the fuel pump relay.
3. Start the engine and leave it until engine stopped.
4. Turn off the ignition switch.
5. Install the fuel pump relay to relay box.
6. Disconnect the negative terminal of the ground wire from the battery negative terminal.



JBO00219-00186

7. Disconnection of fuel tubes.
 - (1) Remove the hose bands. Then, disconnect the fuel hoses from the fuel pipes.

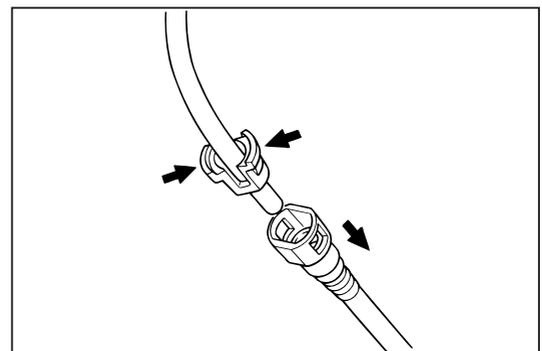


JBO00220-00187

- (2) Disconnect the quick connector of the fuel hose from the fuel pipe while retracting the retainer as shown in the figure.

CAUTION:

- Never use any tools during disconnection.
- Never reuse the removed fuel hose (quick connector) again. Failure to observe this caution may lead to fuel leakage.

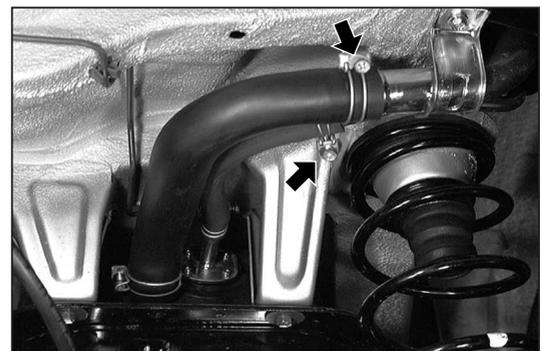


JBO00221-00188

8. Remove the breather hose and fuel tank inlet hose from the fuel inlet pipe assembly by loosening the hose bands.

CAUTION:

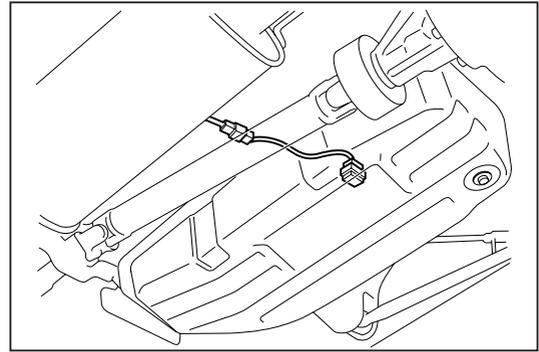
- Never reuse the removed hose bands.



JBO00222-00189

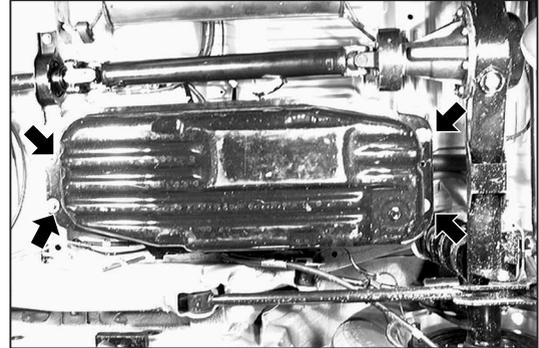
BO-84

9. Disconnect the connector of the wire harness from the fuel pump with motor and bracket located upper side of fuel tank while unlocking the lock on the connector.



JBO00223-00190

10. Support the fuel tank with suitable jack or bench.
11. Remove the fuel tank by removing the four attaching bolts.



JBO00224-00191

12. Removal of the fuel hoses from the fuel pump with motor and bracket (fuel pump assembly) by following manner.

(1) Disconnect the main fuel hose from fuel pump assembly by pull it out while retracting the retainer as shown.

CAUTION:

- Never reuse the removed fuel hose again. Failure to observe this caution may lead to fuel leakage.

(2) Remove the fuel main hose from fuel tank by unlocking the main hose from the hose clips.

(3) Remove the retainer for quick connector from the fuel pump assembly.

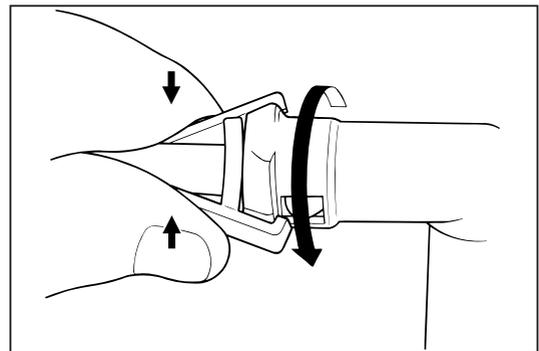
(4) Disconnection of the fuel return hose

① Hold the checker as shown.

② Turn the checker to 90 degree in clockwise direction while pushing the checker to connector side.



JBO00225-00192

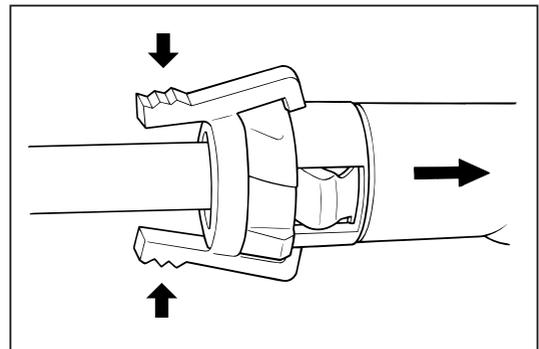


JBO00226-00193

③ Pull out the fuel hose from fuel pump assembly while pushing the checker to connector side.

(5) Remove the fuel return hose from the fuel tank by unlocking the fuel return hose from the hose clamps.

(6) Remove the checker for quick connector from the fuel tank assembly.

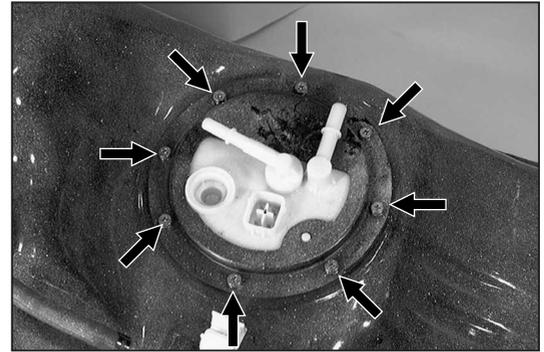


JBO00227-00194

13. Remove the fuel pump assembly and gasket by removing the attaching screws evenly

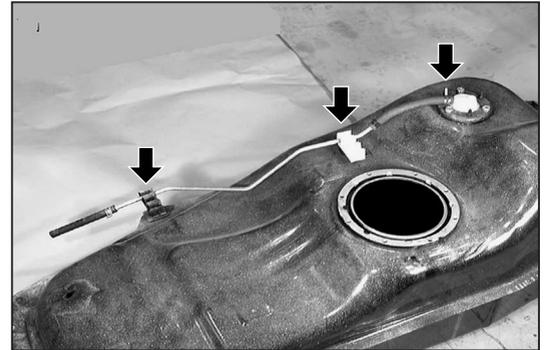
CAUTION:

- Never reuse the removed gasket again. Failure to observe this caution may cause to fire.



JBO00228-00195

14. Remove the fuel hose from the check valve by removing the hose clamp.
15. Remove the fuel pipe from the fuel tank by unlocking the fuel pipe from the hose clamps.

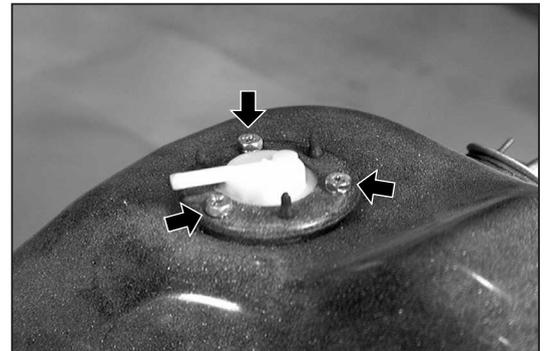


JBO00229-00196

16. Remove the check valve by removing the attaching screws.

CAUTION:

- Never reuse the removed gasket again. Failure to observe this caution may cause to fire.

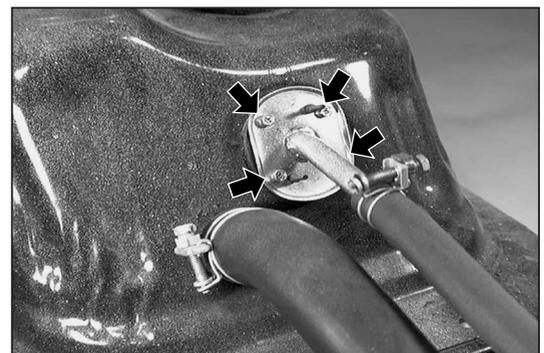


JBO00230-00197

17. Disconnect the fuel tank sub inlet hose from the fuel tank by loosening the hose clamp.
18. Remove the shut valve from the fuel inlet pipe.
19. Disconnect the breather hose from the fuel tank breather No. 2 tube by loosening the hose clamp.
20. Remove the fuel tank breather No. 2 tube with gasket.

CAUTION:

- Never reuse the removed gasket again. Failure to observe this caution may cause to fire.



JBO00257-00223

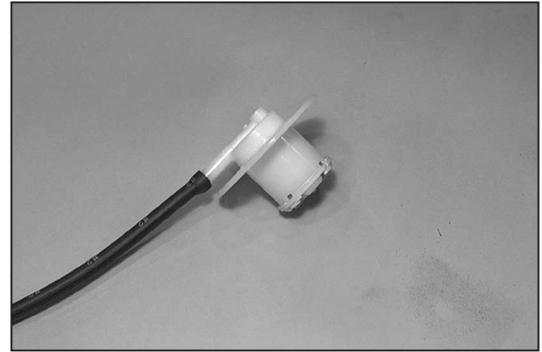
INSPECTION**NOTE:**

- Be sure to check the electrical parts by referring the BE section.

1. Inspect all component parts for any crack, deformation, aging, deterioration or other damage. If any damage is found, replace the damaged part with new one.

JBO00231-00000

2. Inspection of the check valve
 - (1) Connect the suitable rubber hose to check valve.
 - (2) Ensure that the air continuity is exists when check valve in installed angle.
If no air continuity is exists, replace the check valve with new one.
 - (3) Ensure that the no air continuity is exists when check valve tilted 90 degrees or before 90 degrees.
If air continuity is exists, replace the check valve with new one.



JBO00232-00198

INSTALLATION

NOTE:

- Installation procedure are basically reverse procedure of the removal procedure. Therefore, no illustration shown in this installation procedure. Refer to the illustration shown in the removal procedure when any difficulty is encountered.

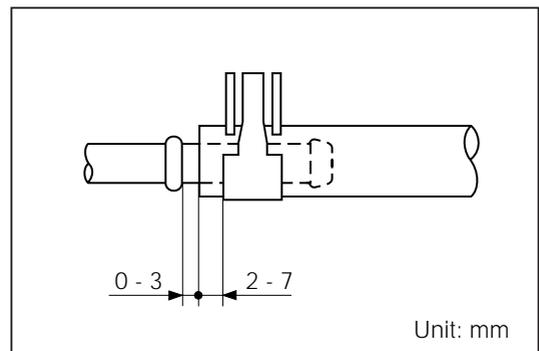
1. Installation of the check valve
 - (1) Clean the attaching surface of the fuel tank, check valve and new gasket.
 - (2) Install the check valve to the fuel tank by installing the attaching screws with new gasket interposed. Then, tighten the attaching screws to specified tightening torque evenly.
Tightening Torque: 2.5 - 5.0 N·m (0.25 - 0.5 kgf-m)

CAUTION:

- Never reuse the used gasket again.

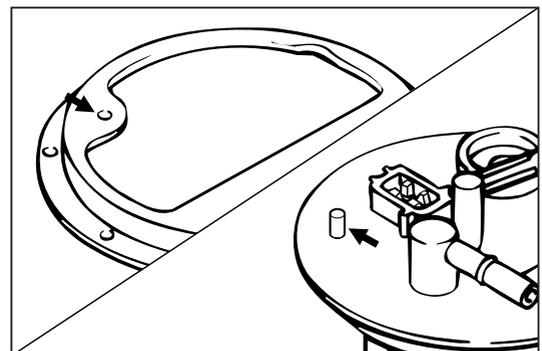
JBO00258-00000

2. Connect the fuel hoses to the fuel tube (for emission). Then, attach the new hose bands as shown.
3. Connect the fuel tube (for emission) with fuel hoses to the fuel pipe clamp on the fuel tank.
4. Connect the fuel hose (for emission) to the check valve and secure the fuel hose with new hose band.
5. Connect the fuel pipe to fuel pipe clamp securely.



JBO00233-00199

6. Installation of the fuel pump assembly
 - (1) Clean the attaching surface of the fuel tank, fuel pump assembly and new gasket.
 - (2) Install the fuel pump assembly to the fuel tank while aligning the protruding section of the fuel pump with the hole on the bracket by installing the attaching screws with new gasket interposed. Then, tighten the attaching screws to specified tightening torque evenly.
Tightening Torque: 2.5 - 5.0 N·m (0.25 - 0.5 kgf-m)



JBO00234-00200

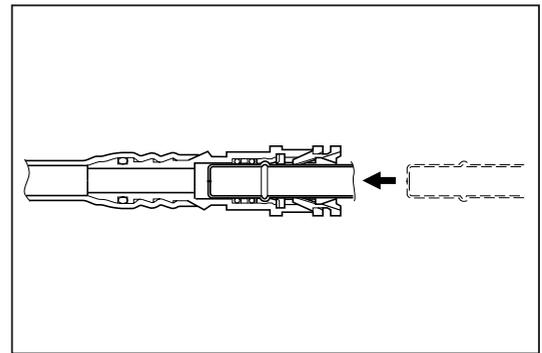
CAUTION:

- Never reuse the used gasket again.

7. Connection of the fuel hoses to fuel pump assembly

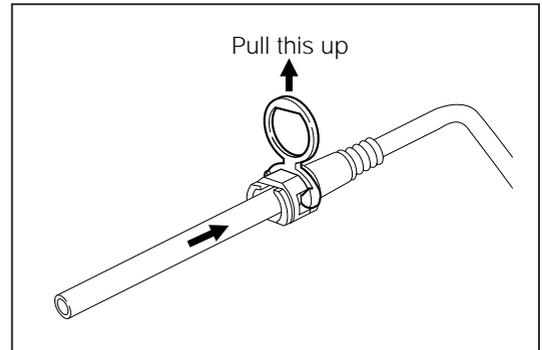
(1) Connection of the fuel main tube

- ① Clean the fuel main pipe on the fuel pump assembly.
- ② Apply the few drops of engine oil to the fuel pipe.
- ③ Connect the new fuel hose to the fuel pipe until clicking sounds emits from the retainer.



JBO00235-00201

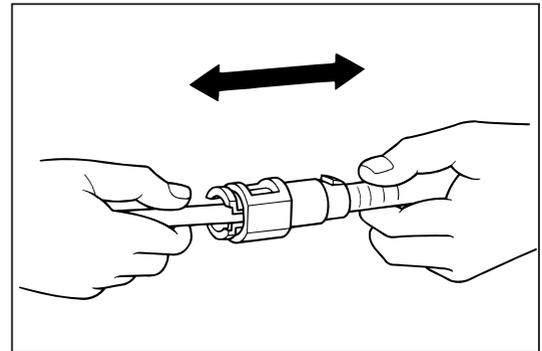
- ④ Remove the checker from the quick connector.



JBO00236-00202

- ⑤ Ensure that the connector is connected properly by pull the connector from the fuel pipe lightly.

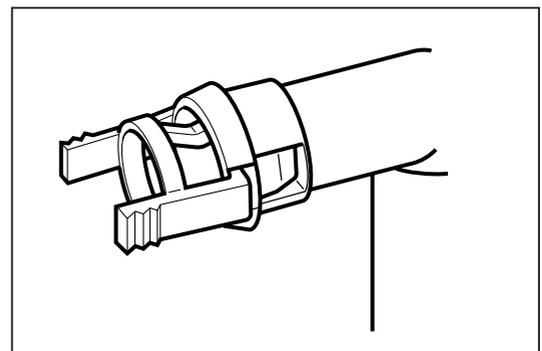
(2) Connect the fuel main tube to the fuel pipe clamps installed on the fuel tank securely.



JBO00237-00203

(3) Connection of the fuel return tube

- ① Ensure that the checker of the quick connector is installed on the quick connector as shown.
- ② Clean the fuel return pipe on the fuel pump assembly.
- ③ Apply the few drops of engine oil to the fuel pipe.



JBO00238-00204

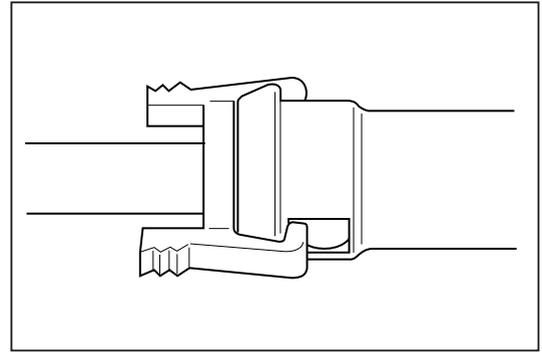
- ④ Connect the new fuel hose to the fuel pipe until clicking sounds emits twice.



JBO00239-00205

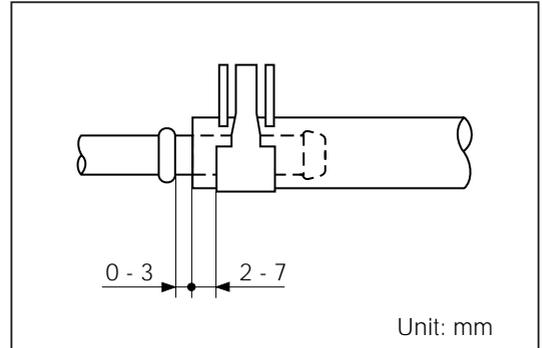
BO-88

- ⑤ Hold the checker as shown and connect the nail sections of checker to the quick connector.
 - ⑥ Ensure that the connector is connected properly by pull the connector from the fuel pipe lightly.
- (4) Connect the fuel return tube to the fuel pipe clamps installed on the fuel tank securely.



JBO00240-00206

8. Connect the fuel return tube and emission tubes to the fuel hoses and attach the new hose clamps properly as shown.



Unit: mm

JBO00241-00207

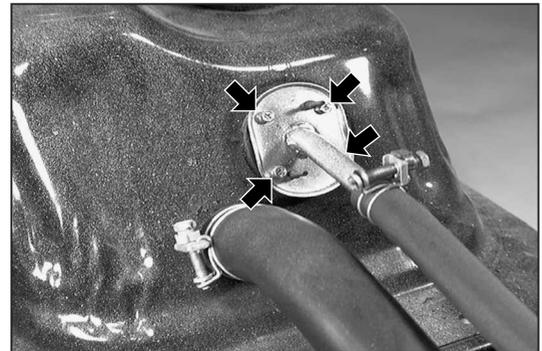
9. Clean the fuel tank breather No. 2 tube and its attaching surface of fuel tank thoroughly.
10. Install the fuel tank breather No. 2 tube to the fuel tank by the attaching bolts with the new gasket interposed.

CAUTION:

- Never reuse the used gasket again. Failure to observe this caution may lead to fuel leakage.

11. Tighten the attaching bolts of the fuel tank breather No. 2 tube to specified tightening torque.

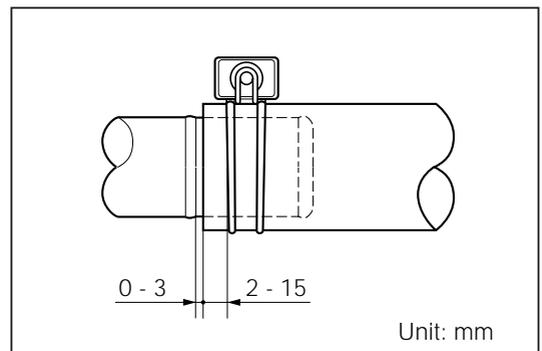
Tightening Torque: 2.5 - 5.0 N·m (0.25 - 0.5 kgf·m)



JBO00242-00224

12. Connect the breather hose to fuel tank breather No. 2 tube.

Then, attach the new hose band as shown.

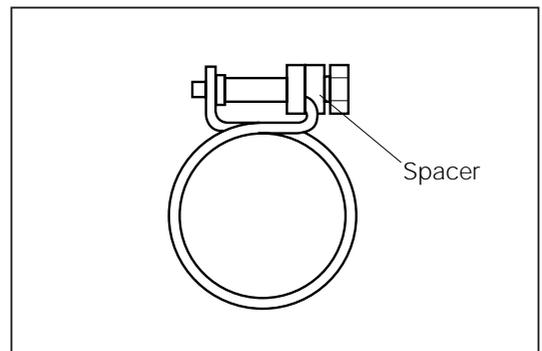


Unit: mm

JBO00258-00208

CAUTION:

- Hose clamp should be tighten until attaching bolt base contact with the spacer.



JBO00243-00209

13. Install the shut valve to the fuel inlet securely.
14. Connect the fuel tank sub inlet hose with new hose band to the fuel tank temporary.
15. Install the fuel tank to the floor panel with the four attaching bolts and tighten the attaching bolts to specified tightening torque evenly while supporting the fuel tank with suitable stand or the like.

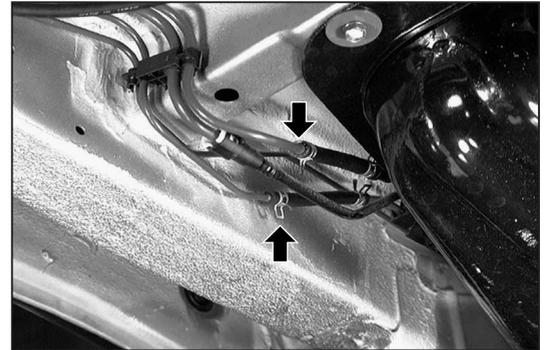
Tightening Torque: 17.0 - 22.0 N·m (1.7 - 2.2 kgf·m)

JBO00244-00000

16. Connection of fuel tubes.
 - (1) Connect the fuel hoses to the fuel pipes and attach the new hose bands. (Refer to the illustration in step 8.)
 - (2) Connection of fuel main tube (Refer to the step 7.)
 - ① Clean the fuel main pipe on the fuel pump assembly.
 - ② Apply the few drops of engine oil to the fuel pipe.
 - ③ Connect the new fuel hose to the fuel pipe until clicking sounds emits from the retainer.
 - ④ Remove the checker from the quick connector.
 - ⑤ Ensure that the connector is connected properly by pull the connector from the fuel pipe lightly.
 - (3) Connect the breather hose with new hose band to the fuel inlet and tighten the hose band securely. (Refer to the step 12.)

CAUTION:

- Hose clamp should be tighten until attaching bolt base contact with the spacer.
(Refer to illustration in step 12.)

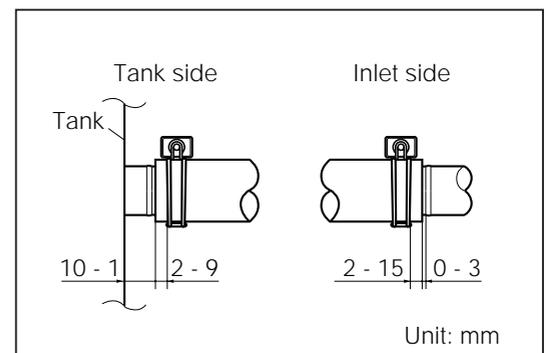


JBO00259-00225

- (4) Connect the fuel tank sub inlet hose to fuel inlet with new hose band as shown and tighten the hose bands securely.

CAUTION:

- Hose clamp should be tighten until attaching bolt base contact with the spacer.



JBO00260-00226

17. Connect the connector of the wire harness to the fuel pump with motor and bracket located upper side of fuel tank and ensure that lock is locked properly.
18. Connect the negative terminal of the ground wire to the battery negative terminal.
19. Fill the fuel tank with the fuel.
20. Close the fuel filler cap.
21. Start the engine and ensure that the no fuel leakage exists.

JBO00261-00000

BO-90

REMOVAL OF FUEL INLET

CAUTION:

- Be sure to drain the fuel from the fuel tank before removing the fuel inlet when fuel filled-up more than half in the fuel tank.

1. Remove the fuel tank cap assembly.
2. Disconnect the fuel hose and fuel breather hose by removing the hose bands.
3. Remove the fuel tank filler pipe protector by removing the attaching three grommet.

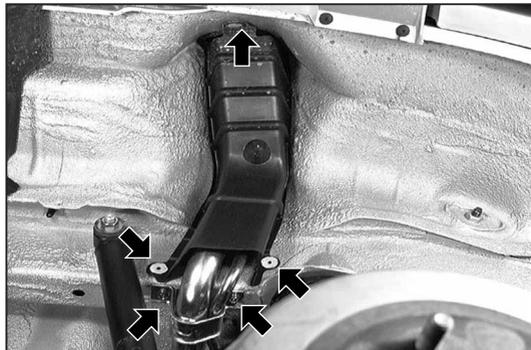
NOTE:

- Two screw type grommet can be loosened by turning the screw section 90 degree to counter clockwise.
- Upper section grommet can be removed by pull it out while retracting the lock sections on the grommet.

4. Remove the fuel inlet by removing the two attaching bolts.
5. Remove the fuel tank filler pipe shield from the fuel inlet box.



JBO00245-00211



JBO00246-00212

INSTALLATION OF FUEL INLET

Install the components in the reversed order of the removal procedure.

1. Install the fuel tank filler pipe shield to the fuel inlet box.
2. Install the fuel inlet with the two attaching bolts and tighten the attaching bolts to specified tightening torque.

Tightening Torque: 6.24 - 9.36 N·m
(0.64 - 0.96 kgf·m)

3. Install the fuel tank cap assembly.
4. Connect the fuel hose and fuel breather hose. Then, secure it with attaching new hose bands.

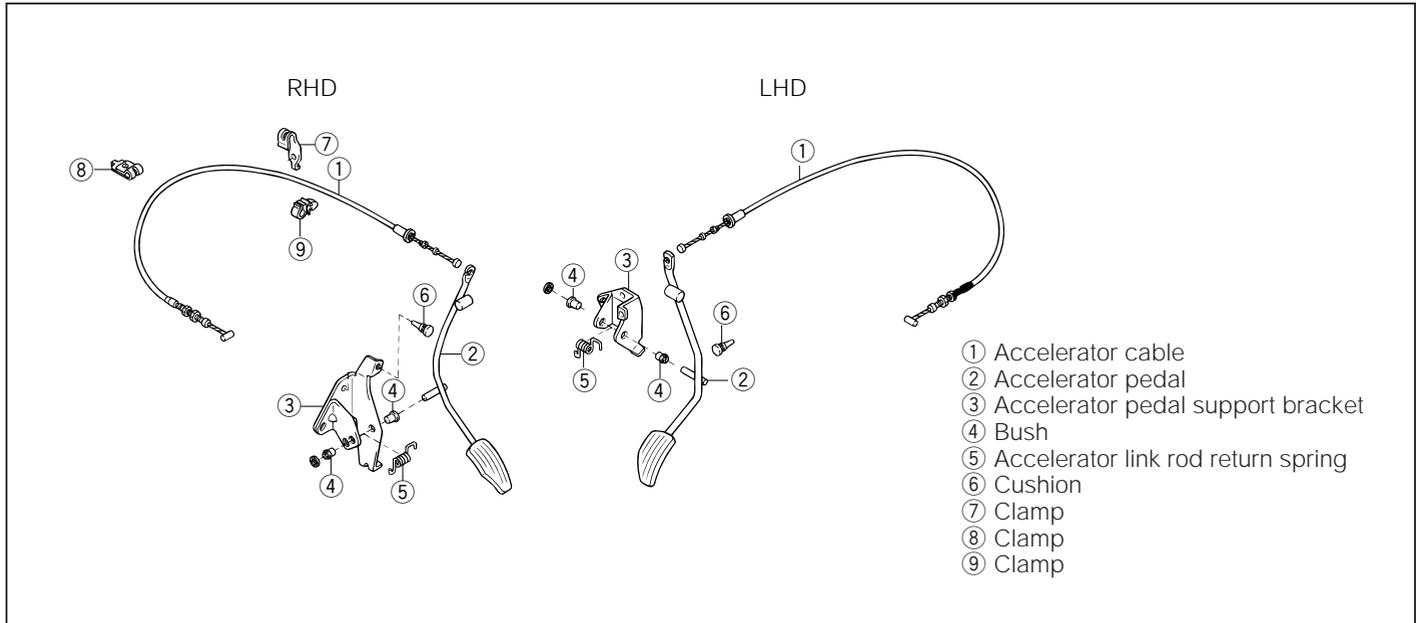
CAUTION:

- Hose clamp should be tighten until attaching bolt base contacts with the spacer. (Refer to page BO-88.)

5. Install the fuel tank filler pipe protector with the attaching three grommets.

JBO00247-00000

ACCELERATOR PEDAL COMPONENTS



JBO00248-00214

INSPECTION OF ACCELERATOR PEDAL

Ensure that the accelerator pedal operates smoothly without being caught or interference. If any problem is found, replace the damaged accelerator pedal related part, as required.

REMOVAL

1. Disconnect the accelerator cable assembly from the accelerator pedal.
2. Remove the accelerator pedal support bracket by removing the attaching bolt.
3. Remove the accelerator cable assembly after disconnecting the cable from throttle body side (Refer to the EM section.)

DISASSEMBLY

1. Remove the retainer from the accelerator pedal.

CAUTION:

- Never reuse the removed retainer again.

2. Pull out the accelerator pedal slightly. Then, unlock the accelerator link rod return spring from the accelerator pedal.
3. Remove the accelerator pedal from the accelerator pedal support bracket.
4. Remove the accelerator link rod return spring and bushes from the accelerator pedal support bracket.
5. Remove the cushion from the accelerator pedal support bracket.

ASSEMBLY

1. Install the cushion from the accelerator pedal support bracket.
2. Thinly apply the chassis grease to accelerator link rod return spring and bushes.
3. Install the accelerator link rod return spring and bushes to the accelerator pedal support bracket.
4. Connect the accelerator pedal to the accelerator pedal support bracket half way.
5. Connect the accelerator link rod return spring to the accelerator pedal.
6. Connect the accelerator pedal to accelerator pedal support bracket completely.
7. Install the retainer to accelerator pedal.
8. Ensure that the retainers is securely installed on the accelerator pedal.

JBO00249-00000

BO-92

INSTALLATION

1. Install the accelerator cable assembly and connect the cable to the throttle body side (Refer to the EM section of the service manual.)
2. Install the accelerator pedal assembly to the floor panel with attaching bolts and tighten the attaching bolts to the specified tightening torque.

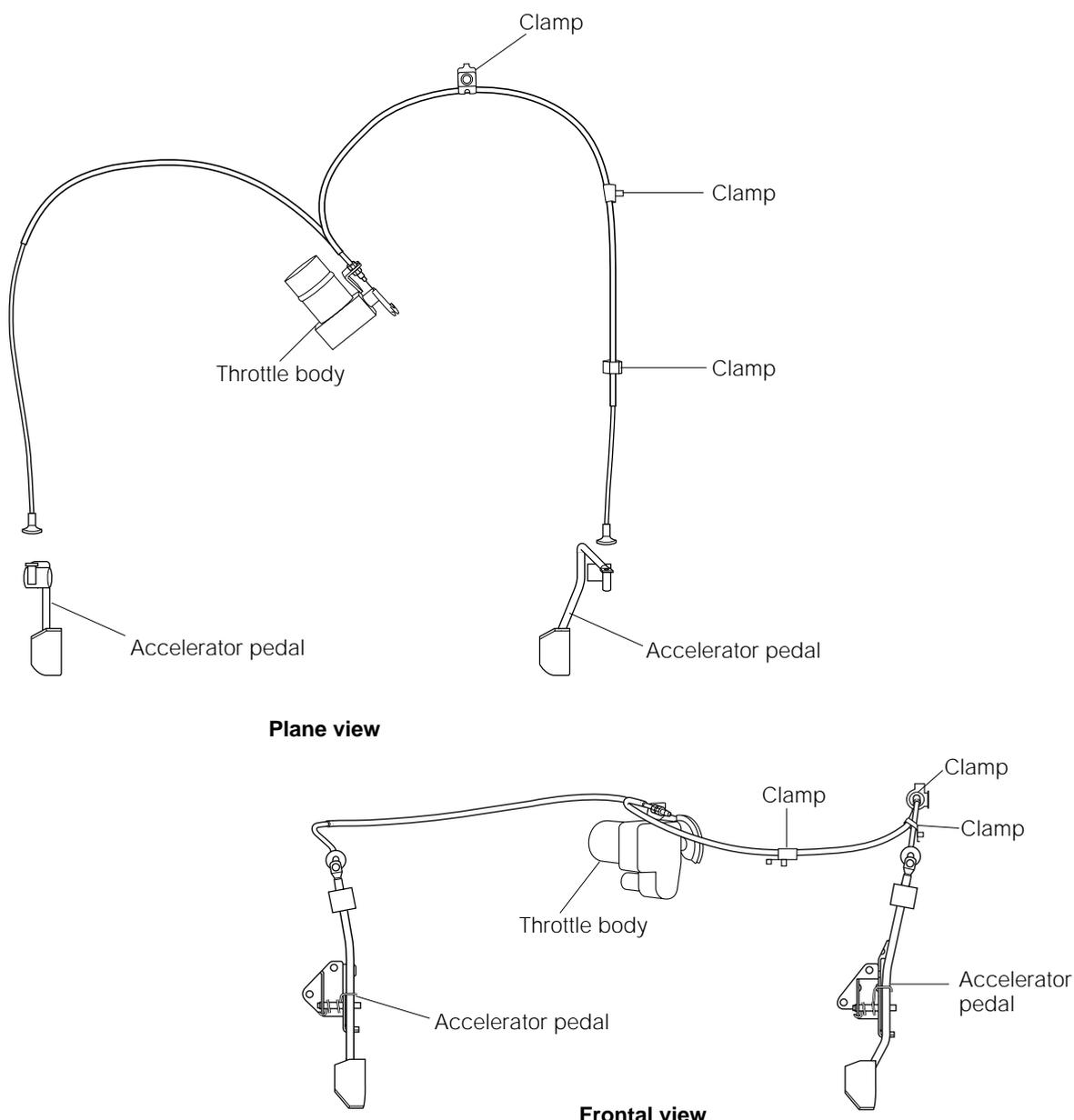
Tightening Torque: 3.9 - 6.9 N·m (0.4 - 0.7 kgf·m)

3. Connect the accelerator cable assembly to the accelerator pedal while aligning protrusion on the accelerator cable grommet with the recessed sections of accelerator pedal.
4. Adjust the accelerator pedal free play to specified value by adjusting the free play of accelerator inner cable at throttle body side.

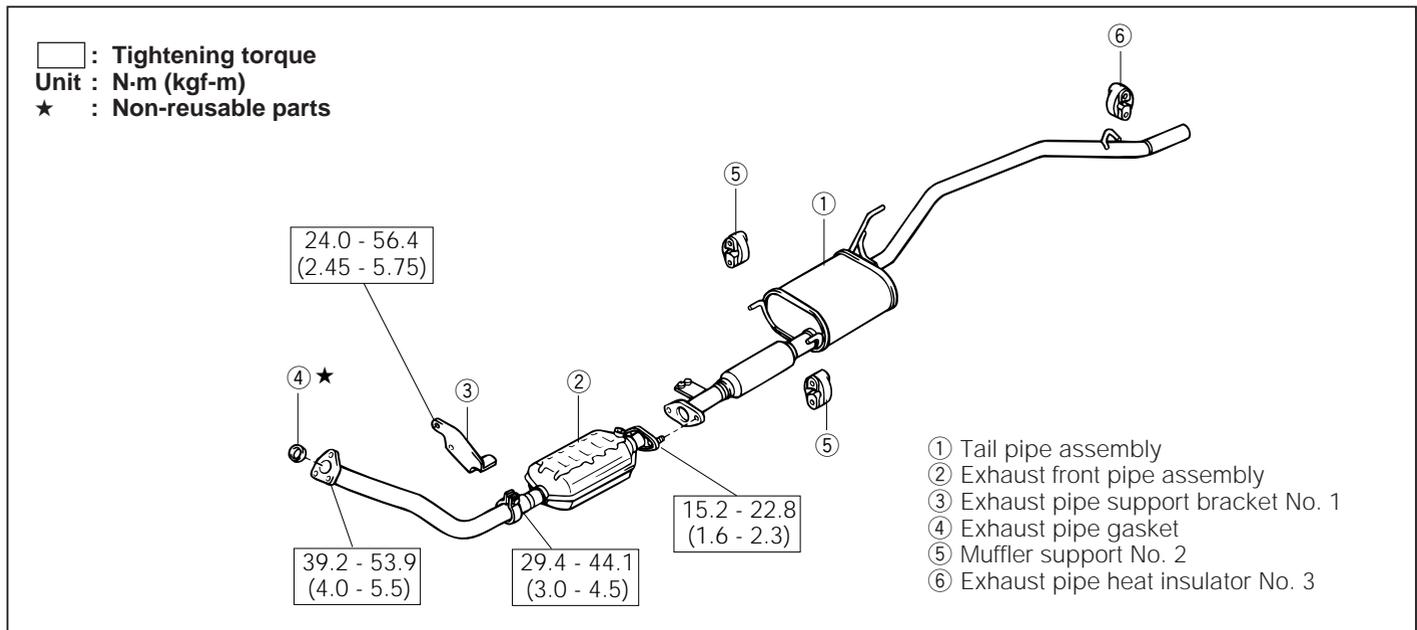
Accelerator pedal free play: 3.0 - 5.0 mm

CAUTION:

- Be sure to connect the accelerator cable assembly to the cable clamp properly.
- Be sure to adjust the free play of the cable in an axial direction by referring to the EM section of the service manual.



EXHAUST PIPE COMPONENTS



JBO00251-00217

REMOVAL

1. Jack up the vehicle and support it with safety stands.
2. Separate the tail pipe from the exhaust manifold by removing the two attaching nuts.
3. Remove the tail pipe by disconnecting the muffer supports.
4. Remove the gasket between front pipe and tail pipe.
5. Remove the exhaust pipe support from the exhaust pipe and exhaust pipe support No. 1 by removing the attaching bolt and nut.
6. Remove the exhaust pipe support No. 1 bracket from the transfer case by removing the attaching bolts.
7. Remove the front pipe from the exhaust manifold by removing the attaching nuts and bolt.
8. Remove the exhaust pipe gasket.

INSTALLATION

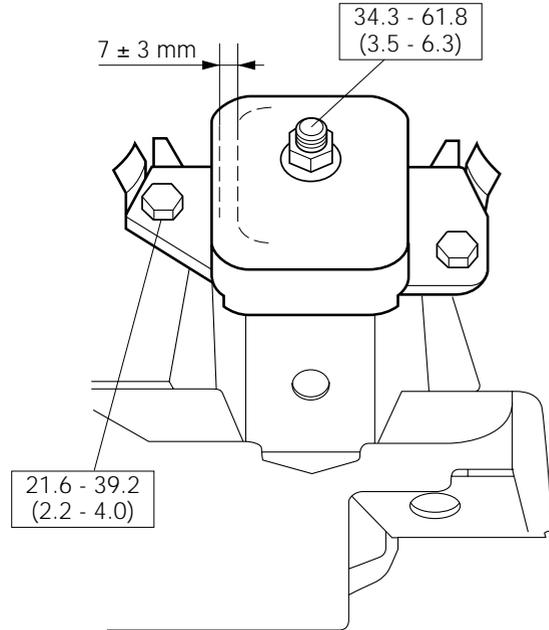
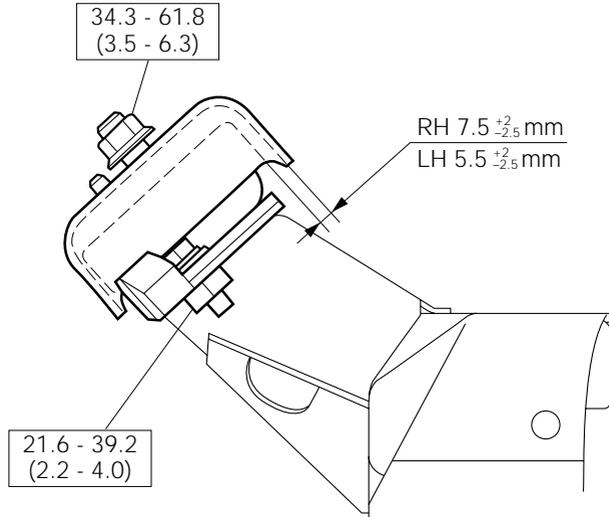
1. Install the new exhaust pipe gasket to the exhaust front pipe.
2. Install the front pipe to the exhaust manifold with the attaching nuts and bolt. Then, tighten the attaching nuts and bolt to specified tightening torque.
Tightening Torque (Exhaust manifold × Front exhaust pipe): 39.2- 53.9 N·m (4.0 - 5.5 kgf-m)
3. Install the exhaust pipe support No. 1 bracket to transfer case with the attaching bolts and tighten the attaching bolts to specified tightening torque.
Tightening Torque: 24.0 - 56.4 N·m (2.45 - 5.75 kgf-m)
4. Secure the front exhaust pipe to the exhaust pipe support No.1 bracket with the exhaust pipe bands. Then, tighten the attaching bolt and nut to specified tightening torque.
Tightening Torque: 29.4 - 44.1 N·m (3.0 - 4.5 kgf-m)
5. Install the new exhaust pipe gasket to the front pipe.
6. Install the tail pipe by connecting the muffer supports.
7. Connect the tail pipe to the front pipe with the two attaching nuts and tighten the attaching nuts to specified tightening torque.
Tightening Torque: 15.2 - 22.8 N·m (1.6 - 2.3 kgf-m)
8. Jack down the vehicle.
9. Ensure that the no exhaust gas leakage is exists.

JBO00252-00000

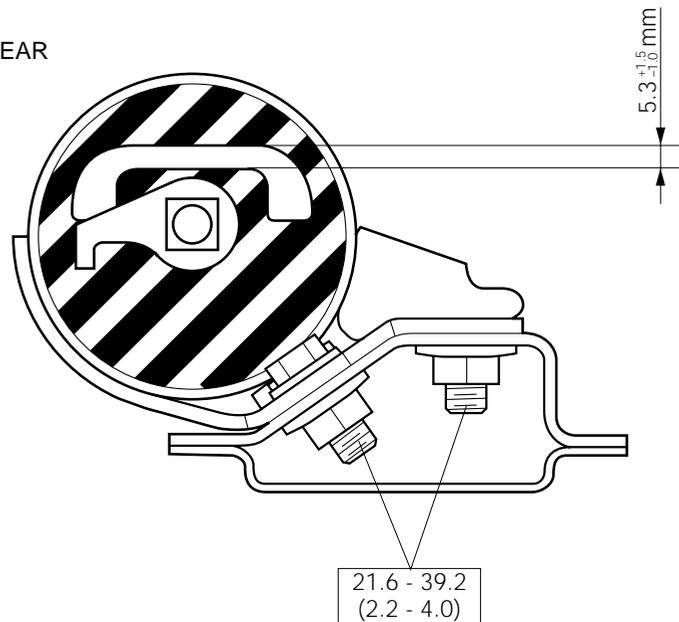
BO-94

ENGINE MOUNTING INSULATOR COMPONENTS

 : Tightening torque
Unit : N-m (kgf-m)



REAR



INSPECTION

Ensure that the clearance of each mounting is within the specified value, as shown in the figure.

If the clearance fails meet with the specified value mentioned in the figure, replace the part with a new one or adjust the clearance by changing the attaching position.

REMOVAL/INSTALLATION

1. Lift up the engine and transmission slightly, using an engine lifter and/or transmission jack, etc.
2. Remove the engine mountings.
3. Install a new engine mounting with the attaching bolts and nuts. Then, tighten the attaching bolts and nuts to the specified tightening torque as mentioned in the figure.
4. Remove the engine lifter and/or transmission jack, etc from the engine and transmission.
5. Ensure that the clearance of the engine mountings are within the specified value.
If the clearance fails to meet the specified value, loosen the attaching bolts of the engine mountings at attaching position. Then, tighten the attaching bolts to the specified tightening torque mentioned in the figure.
6. Ensure that the clearance of each mountings are within the specified value as mentioned in the figure above.

NOTE:

- Check the alignment of the vehicle shell or the engine mounting member if the clearance fails to meet the specified value after replacing the engine mounting.

TIGHTENING TORQUE

Tightening torque determination procedure for general standard bolts and nuts

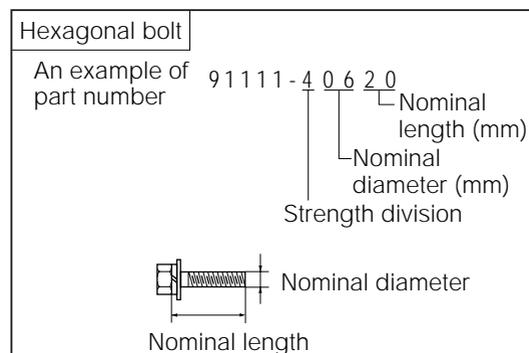
1. Tightening torque determination procedure for bolts
Determine the strength division of the bolt concerned from the table below. Then, locate the tightening torque in the tightening torque table.
2. Tightening torque determination procedure for nuts
Determine the tightening torque in the same way as described above, based on the mating bolt.
3. Identification

Identification of strength division by checking bolts them selves

Kind (Strength division)	Shape of head (How to determine strength division)	
	Bolt without flange	Bolt with flange
4 T		
5 T		—
6 T	—	
7 T		—

JBO00255-00000

Identification by part number



JBO00000-00219

4. Tightening torque table for general standard bolts

Strength division	Nominal diameter (mm)	Pitch (mm)	Standard tightening torque {N·m (kgf·m)}	
			Bolt without flange	Bolt with flange
4 T	6	1.0	5.4 (0.55)	5.9 (0.6)
	8	1.25	13 (1.3)	14 (1.45)
	10	1.25	25 (2.6)	28 (2.9)
	12	1.25	47 (4.8)	53 (5.4)
	14	1.5	74 (7.6)	83 (8.5)
	16	1.5	113 (11.5)	—
5 T	6	1.0	6.4 (0.65)	—
	8	1.25	16 (1.6)	—
	10	1.25	32 (3.3)	—
	12	1.25	59 (6.0)	—
	14	1.5	91 (9.3)	—
	16	1.5	137 (14.0)	—
6 T	6	1.0	7.8 (0.8)	8.8 (0.9)
	8	1.25	19 (1.95)	20.5 (2.1)
	10	1.25	39 (4.0)	43 (4.4)
	12	1.25	72 (7.3)	79 (8.1)
	14	1.5	109 (11.0)	123 (12.5)
7 T	6	1.0	11 (1.1)	12 (1.2)
	8	1.25	25 (2.6)	28 (2.9)
	10	1.25	52 (5.3)	58 (5.9)
	12	1.25	9.5 (9.7)	103 (10.5)
	14	1.5	147 (15.0)	167 (17.0)
	16	1.5	225 (23.0)	—

JBO00256-00000