

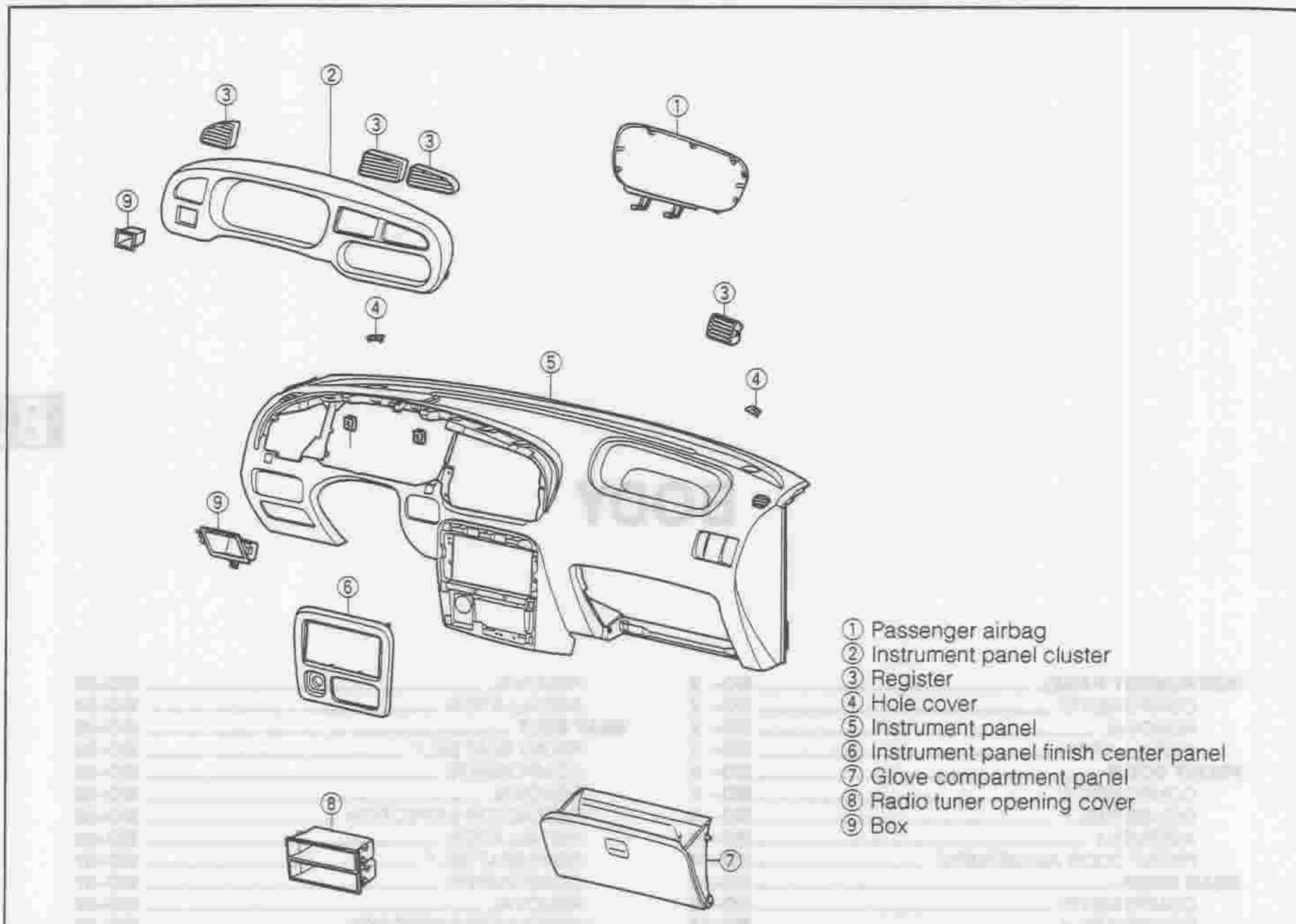


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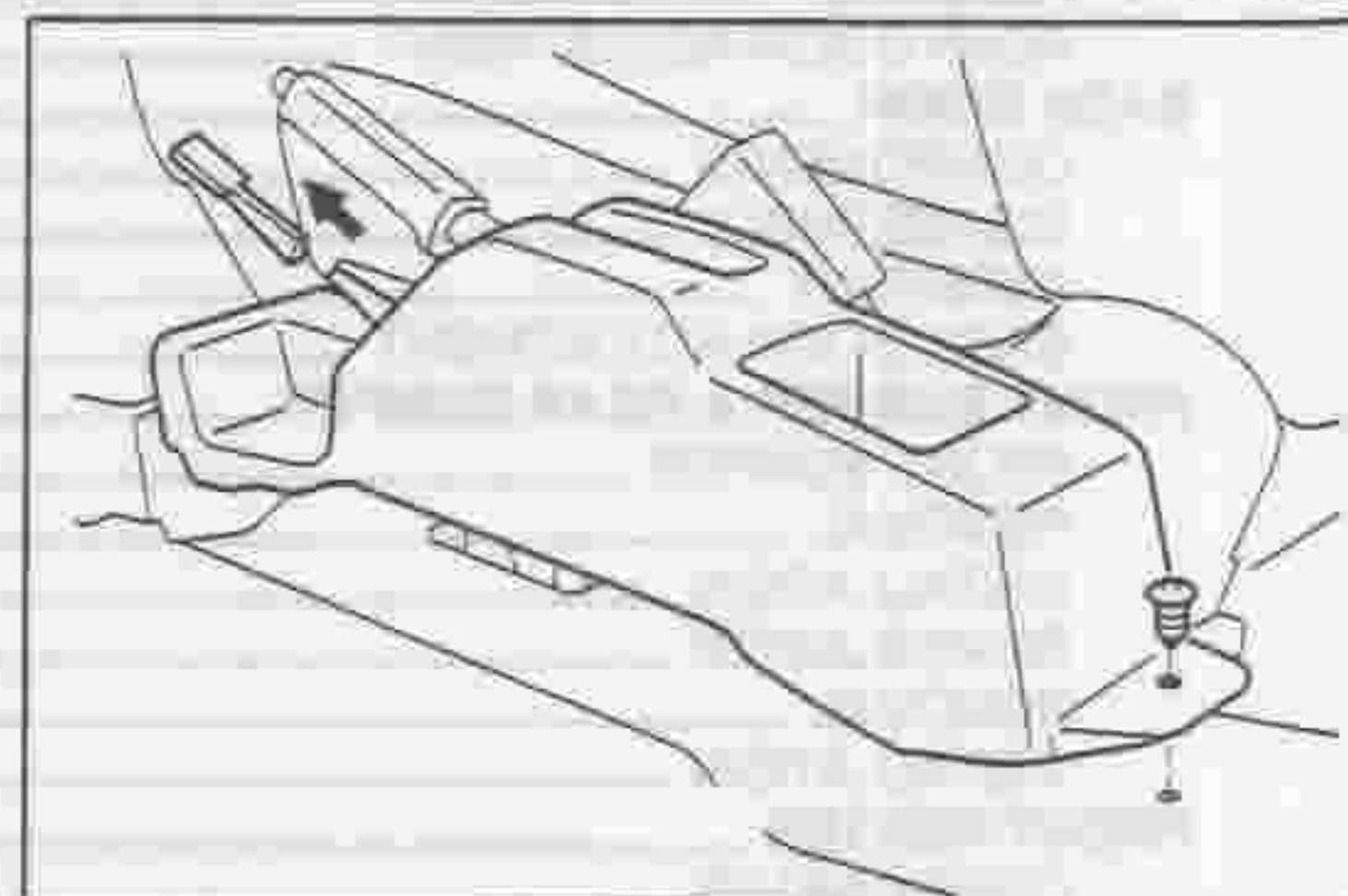
INSTRUMENT PANEL COMPONENTS



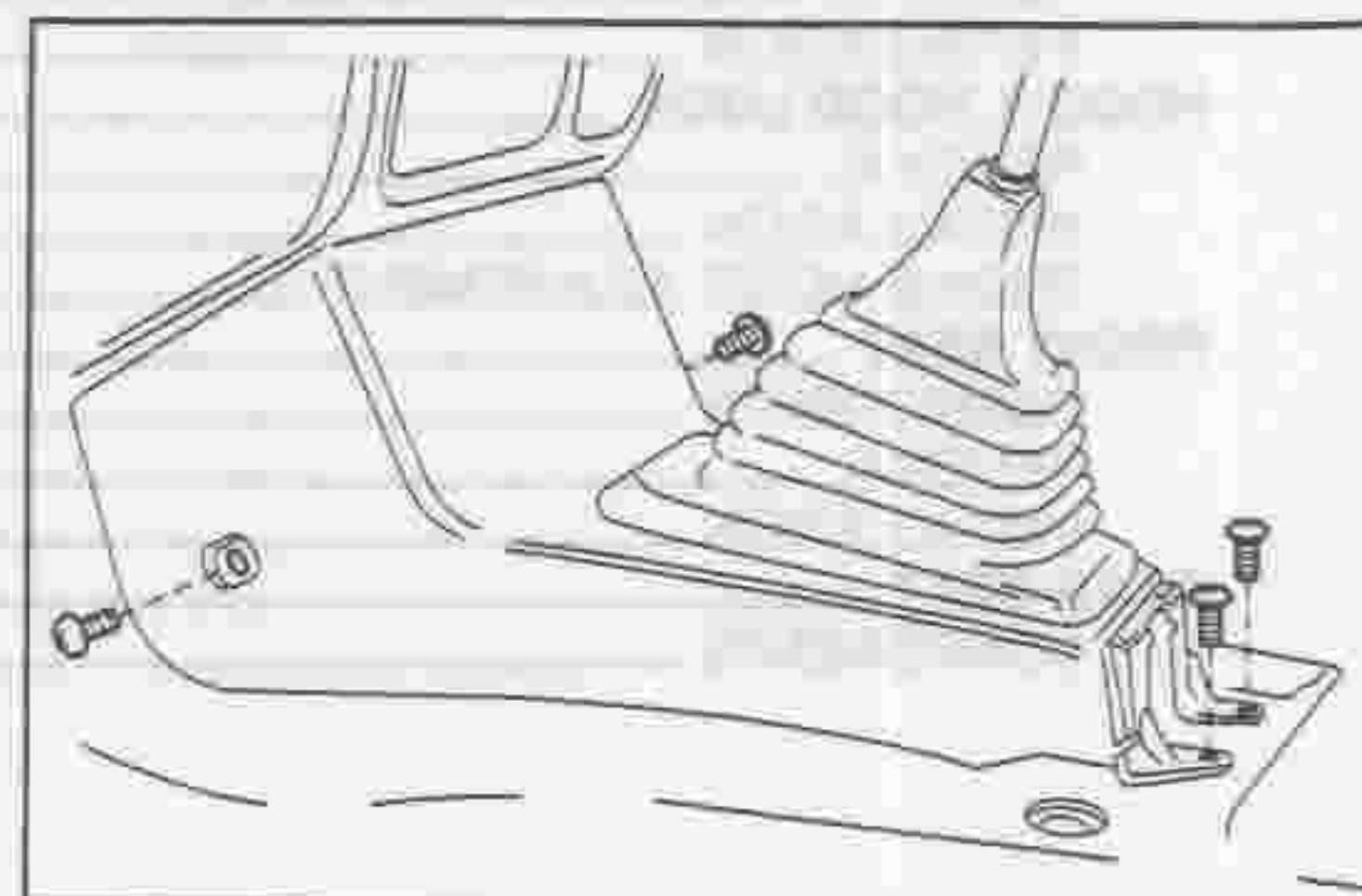
LBO00002-00001

REMOVAL

1. Remove the negative (-) terminal of the battery.
2. Remove the rear console box.
 - (1) Remove the back door opening control lever knob (if so equipped).
 - (2) Remove the rear console box from the console panel by removing the screw.
3. Removal of front console panel
 - (1) Remove the shift lever knob.
 - (2) Remove the console panel by removing the screws.



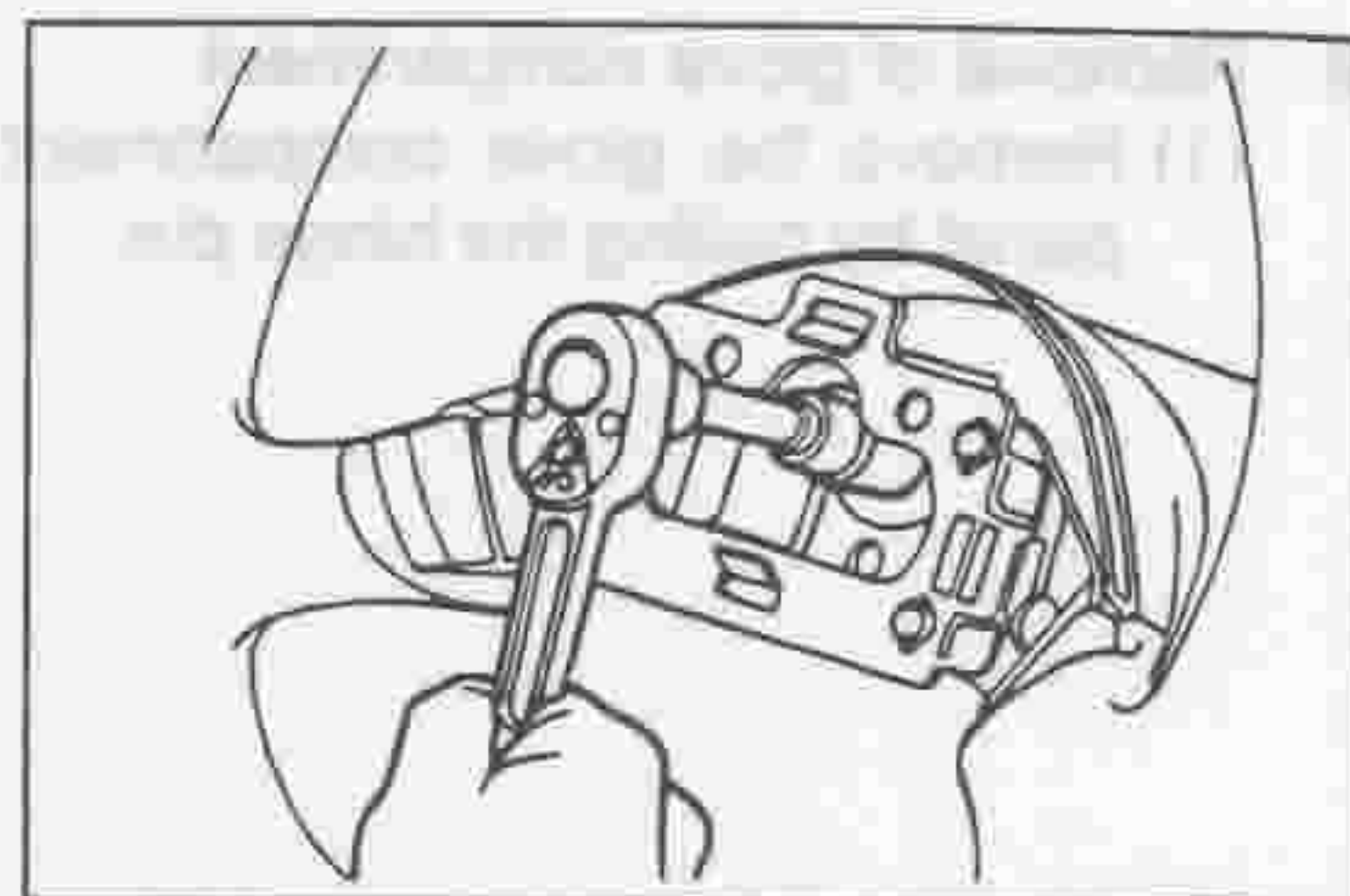
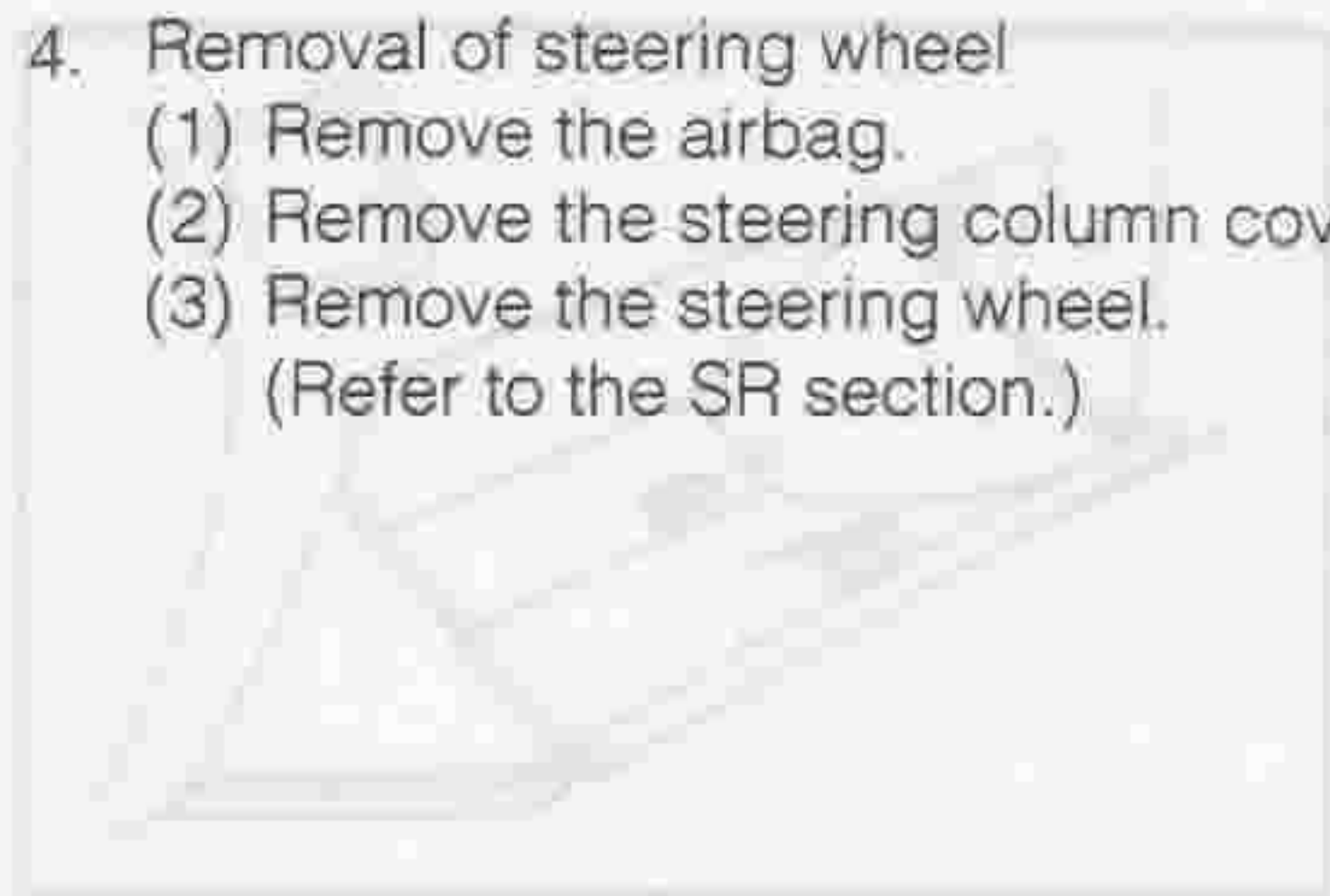
LBO00003-00002



LBO00004-00003

4. Removal of steering wheel

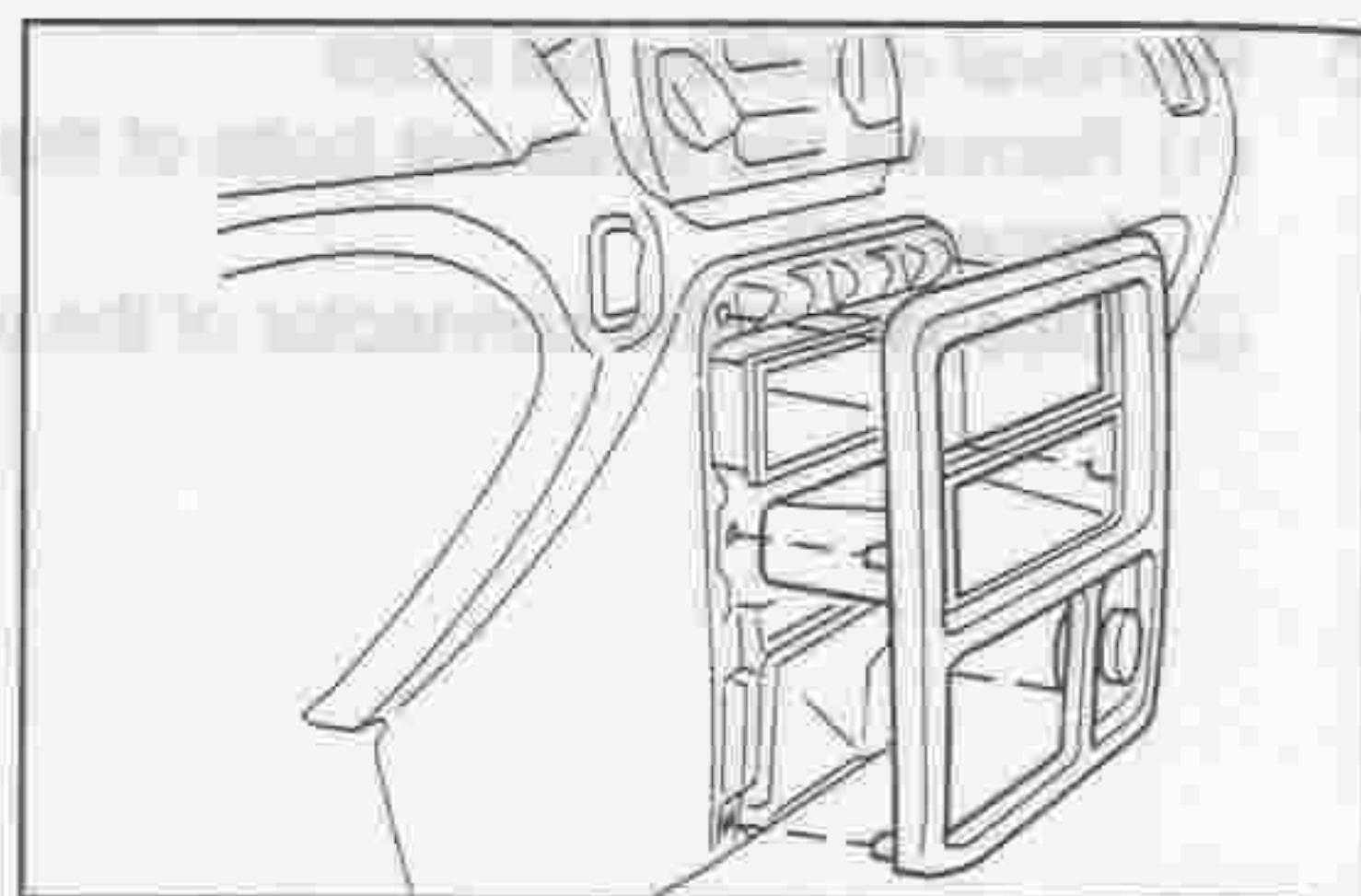
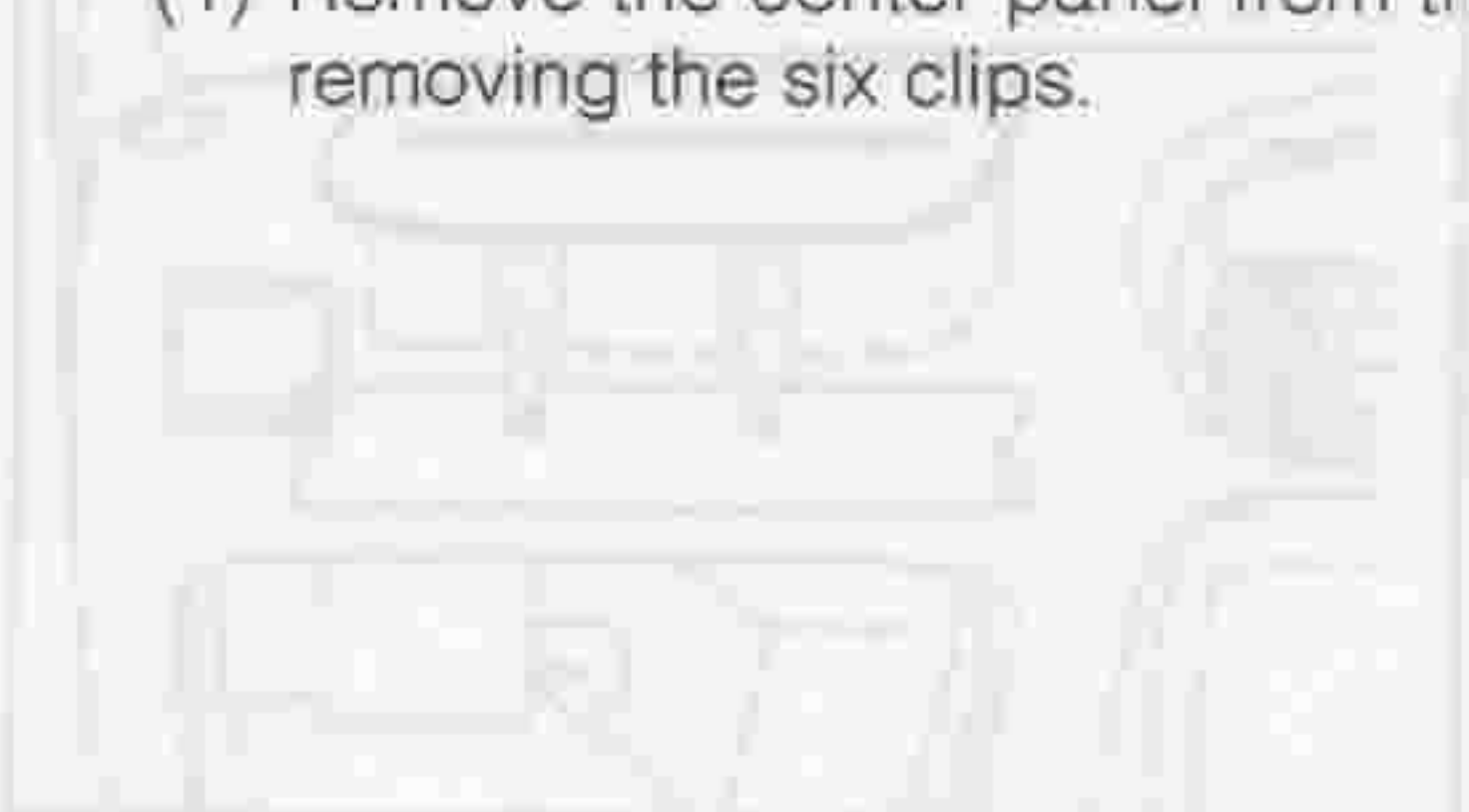
- (1) Remove the airbag.
- (2) Remove the steering column cover.
- (3) Remove the steering wheel.
(Refer to the SR section.)



LBO00005-00005

5. Removal of instrument cluster finish center panel

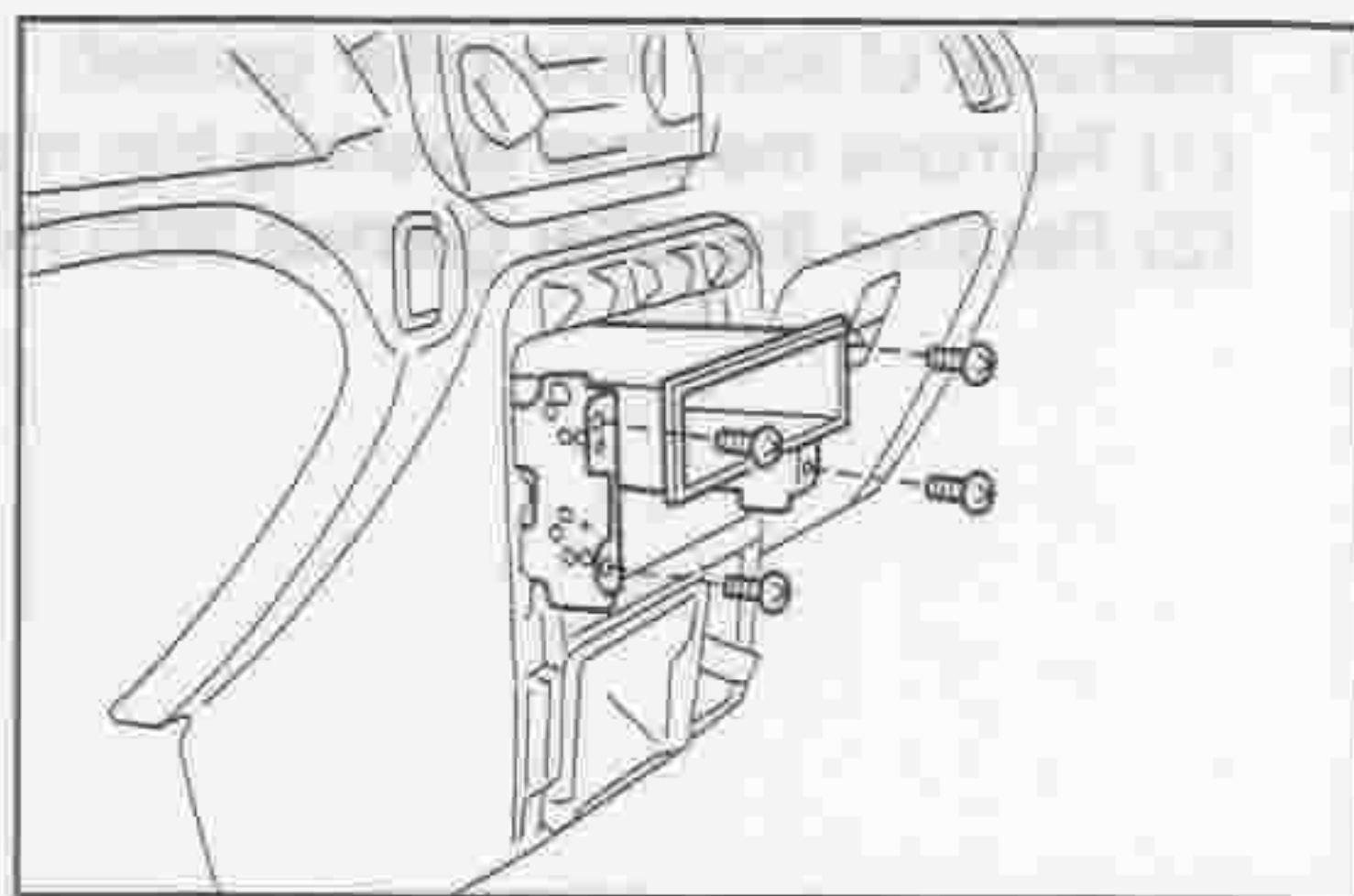
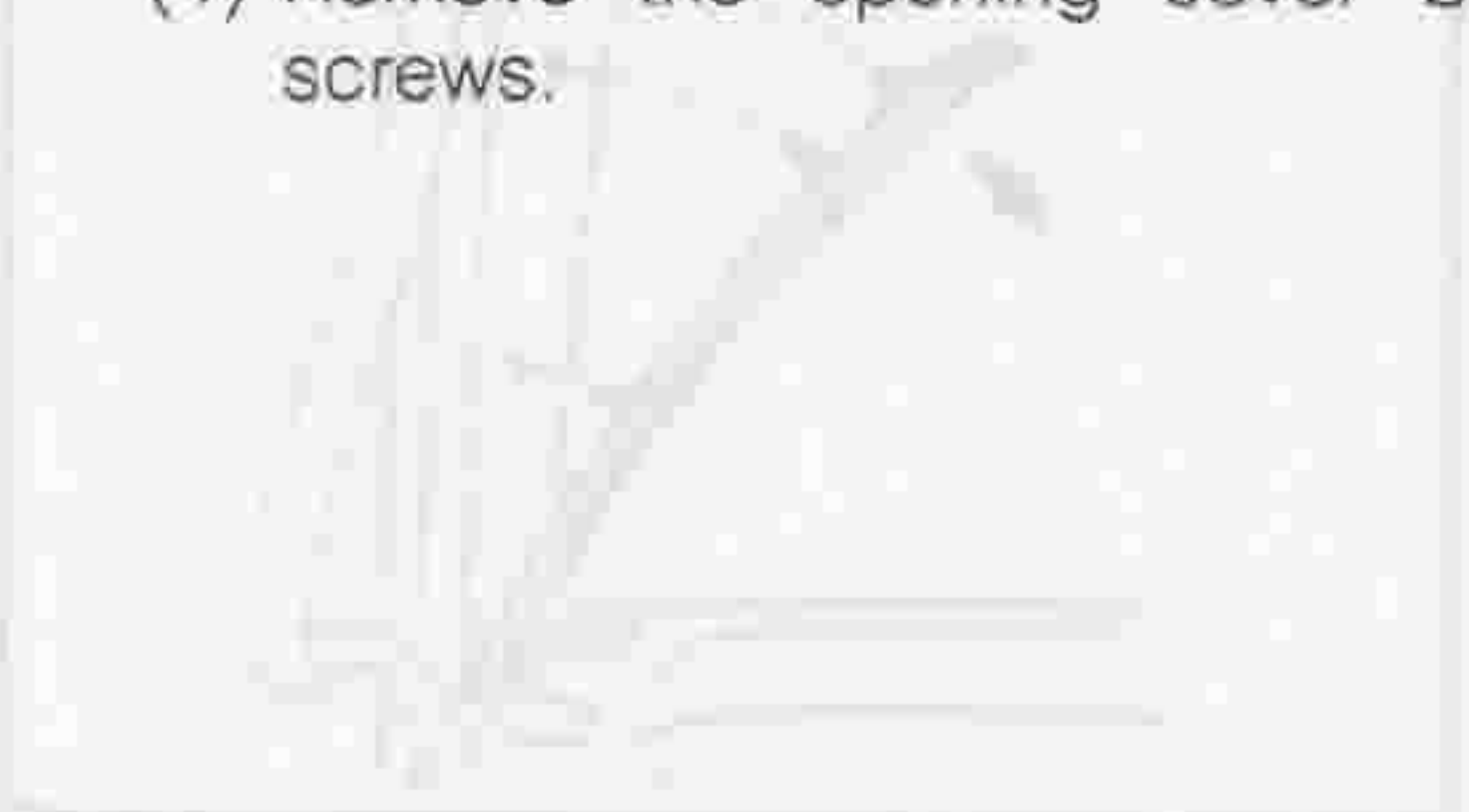
- (1) Remove the center panel from the instrument panel by removing the six clips.



LBO00007-00006

6. Removal of radio tuner opening cover

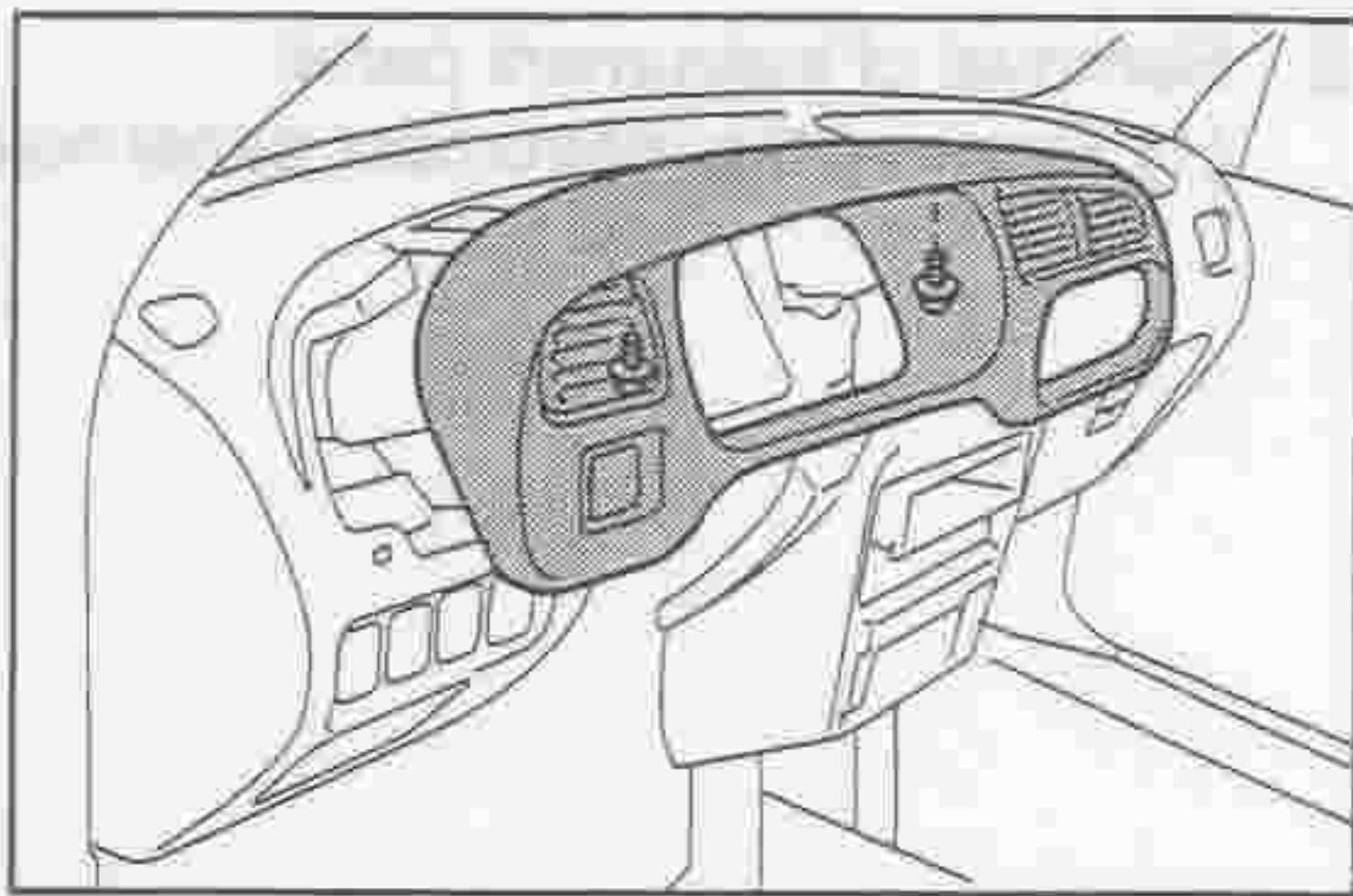
- (1) Remove the opening cover by removing the four screws.



LBO00008-00007

7. Removal of instrument cluster finish panel

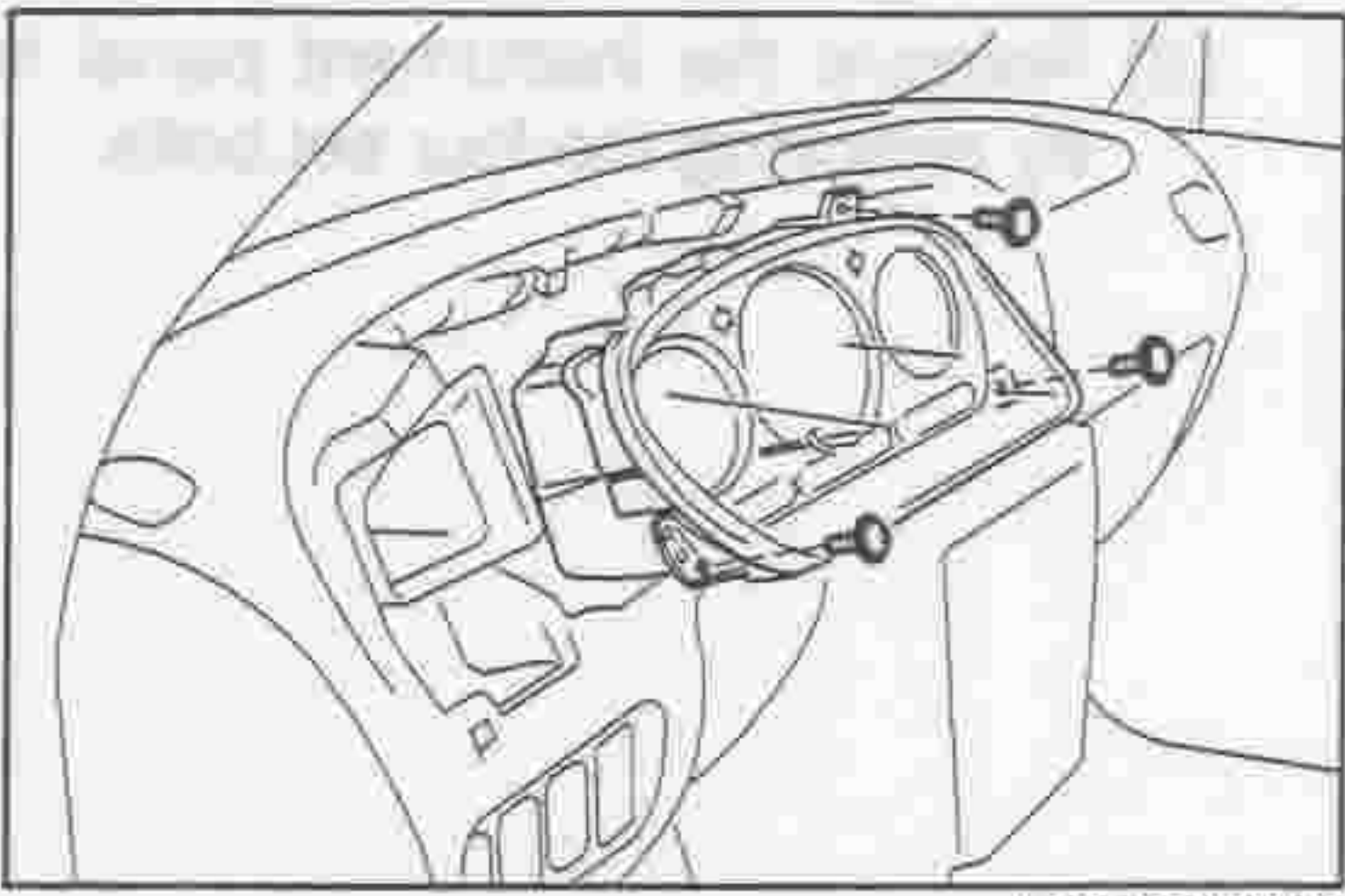
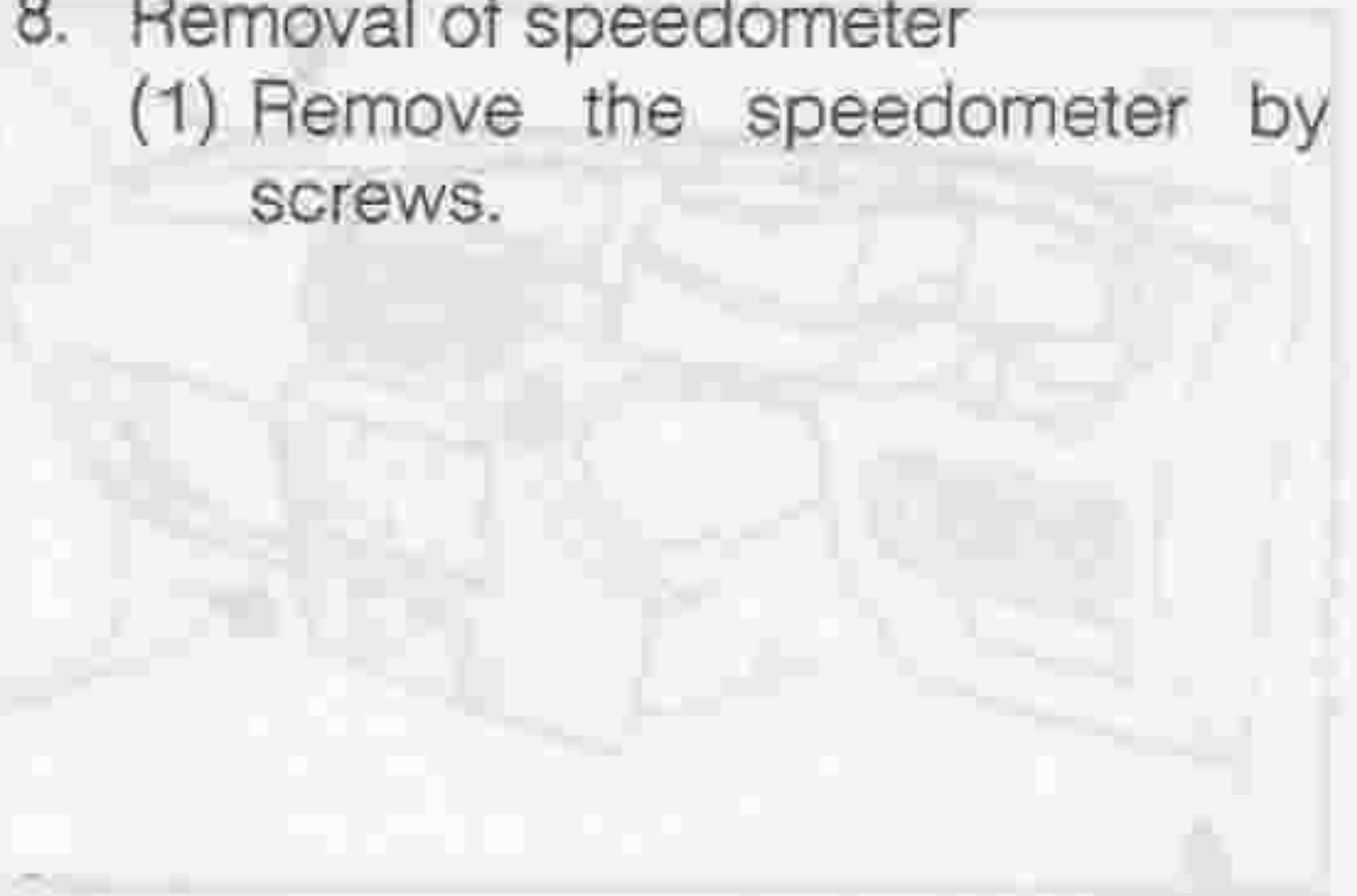
- (1) Remove the finish panel by removing the two screws.
- (2) Remove the door mirror connector (if so equipped).



LBO00009-00008

8. Removal of speedometer

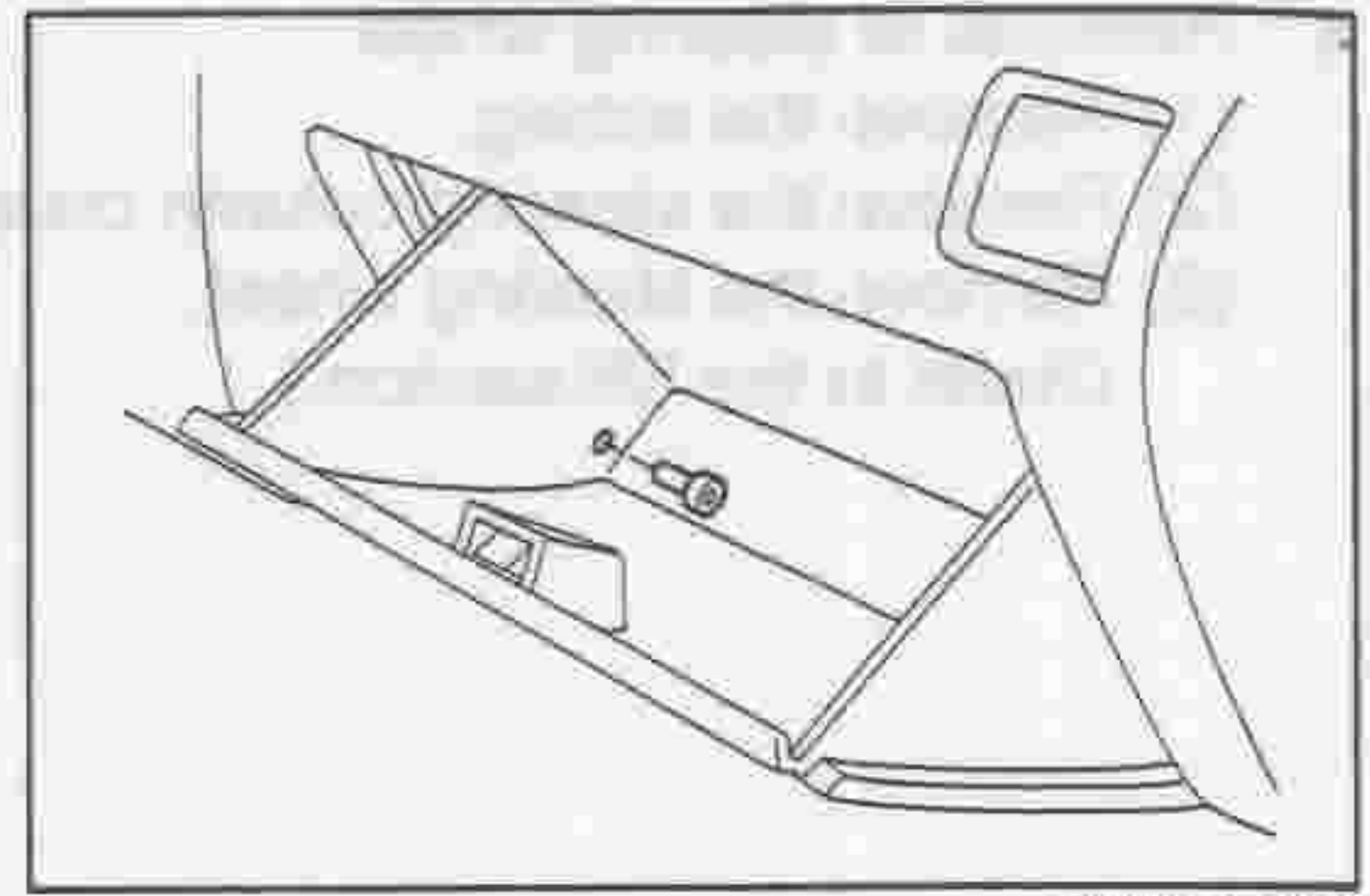
- (1) Remove the speedometer by removing the three screws.



LBO00010-00009

9. Removal of glove compartment

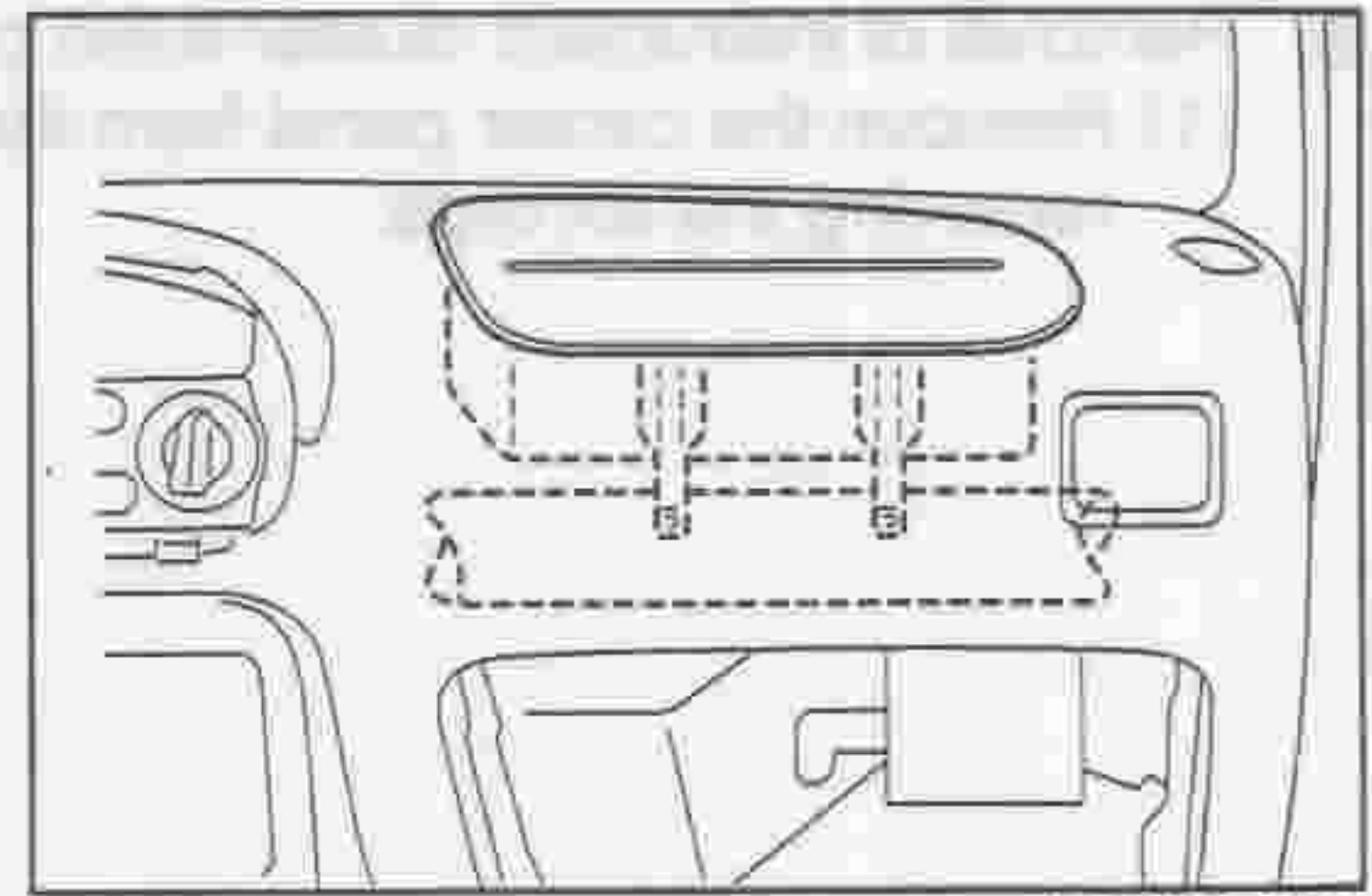
- (1) Remove the glove compartment from the instrument panel by pulling the hinge pin.



LBO00011-00010

10. Removal of airbag set bolts

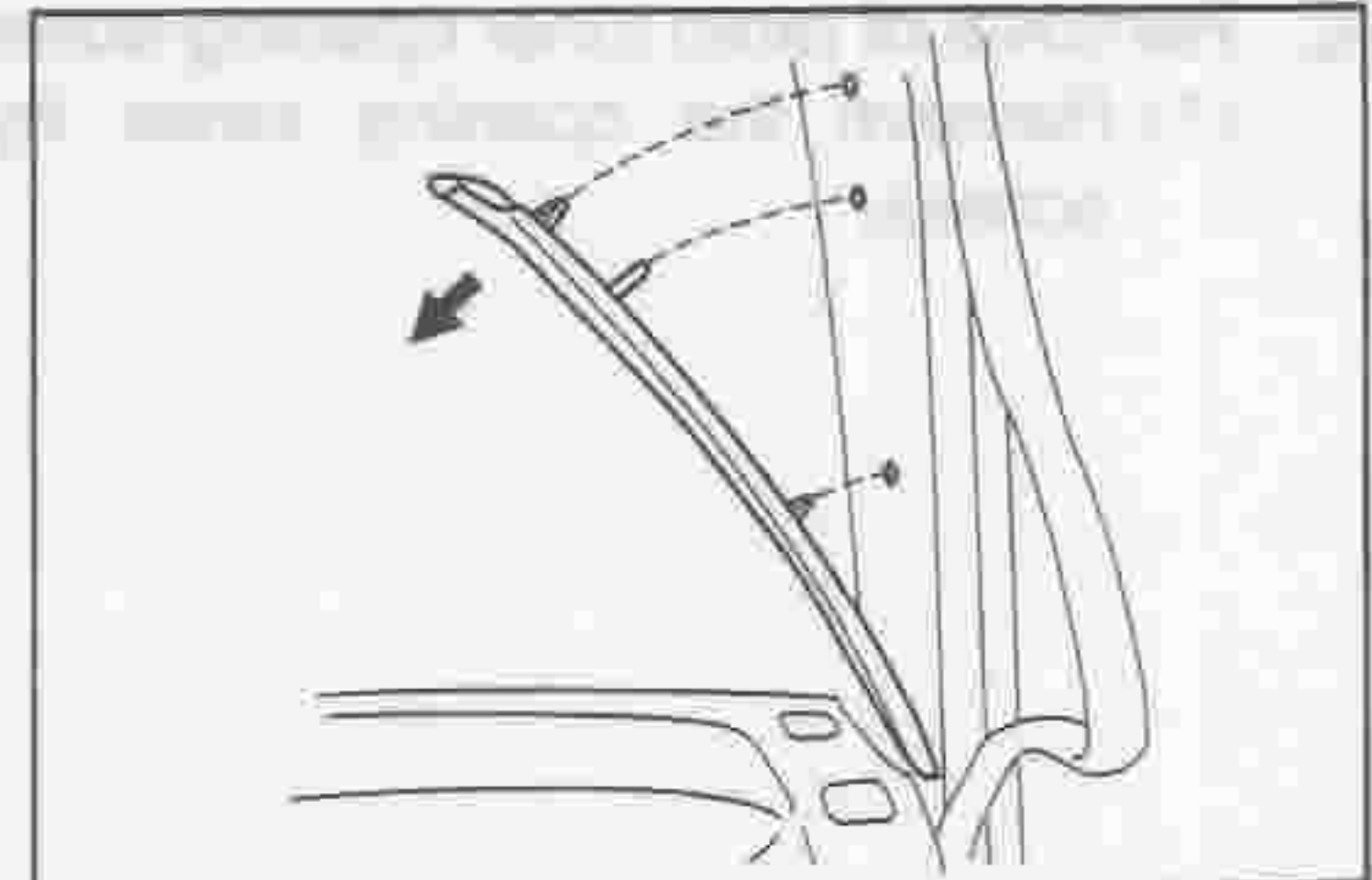
- (1) Remove the three set bolts of the airbag from the reinforcement.
- (2) Disconnect the connector of the wiring harness.



LBO00012-00011

11. Removal of front door pillar garnish

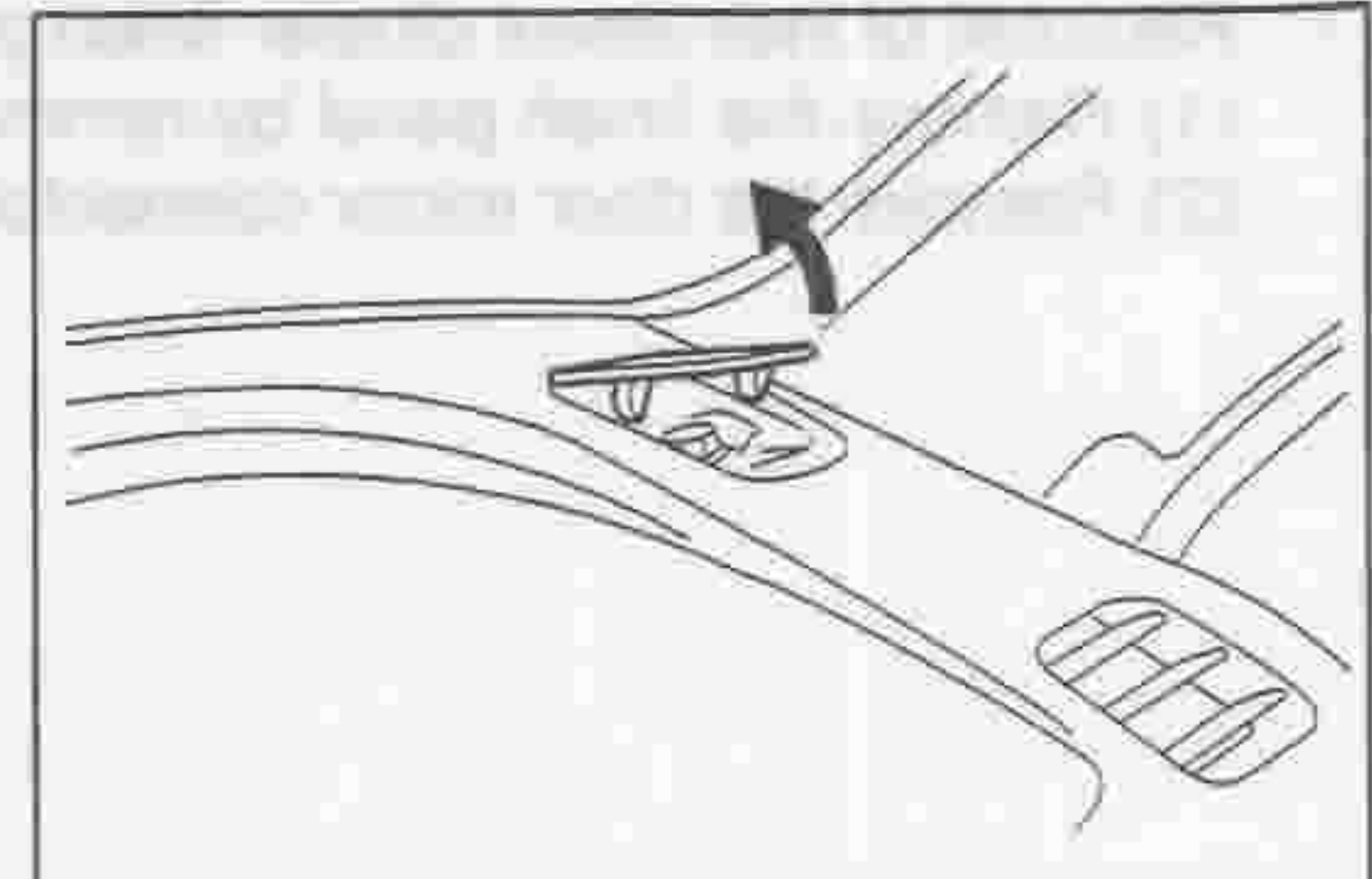
- (1) Remove the door opening trim molding.
- (2) Remove the pillar garnish from the front pillar.



LBO00013-00012

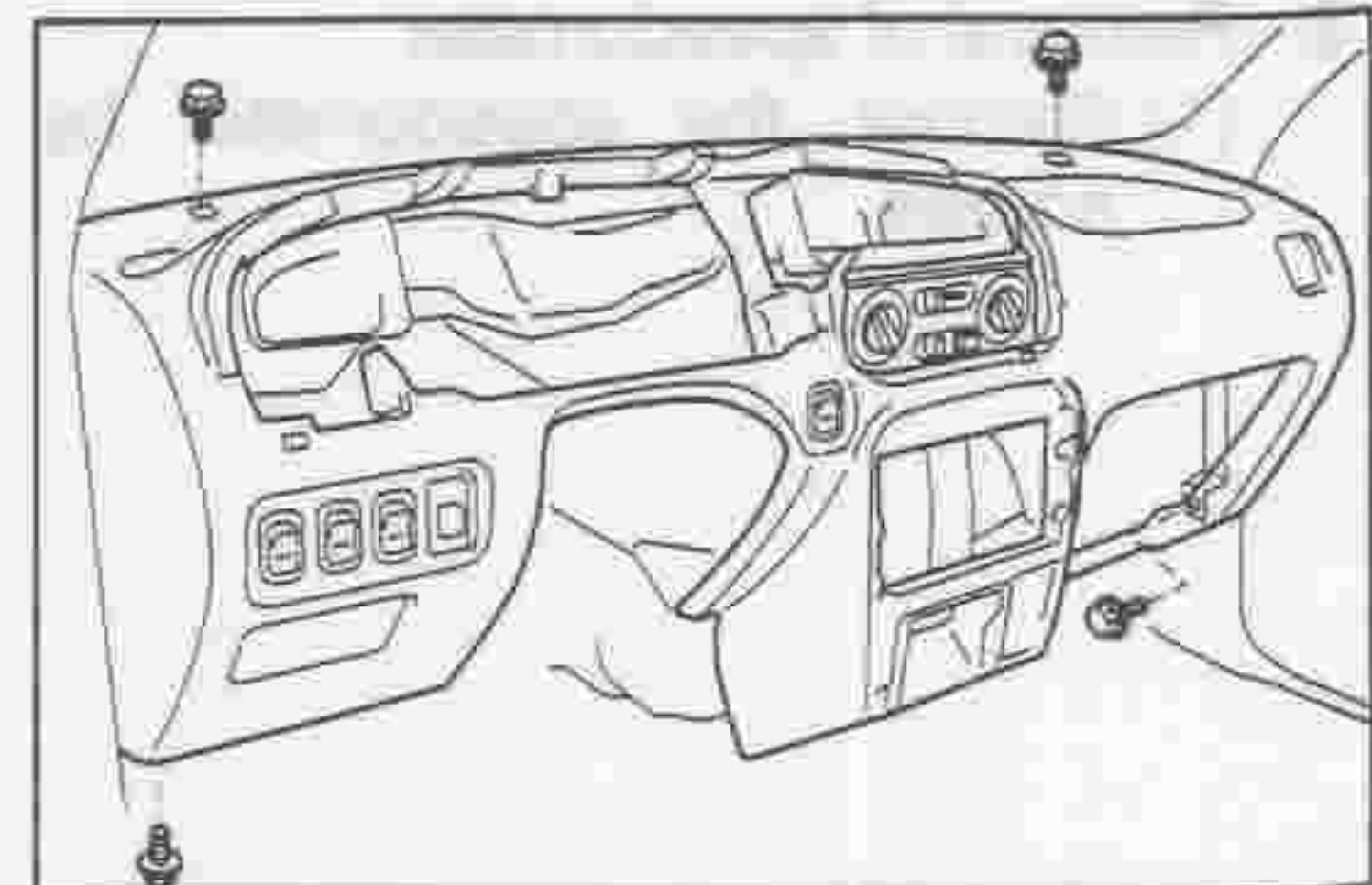
12. Removal of instrument panel

- (1) Remove the instrument panel hole cover.



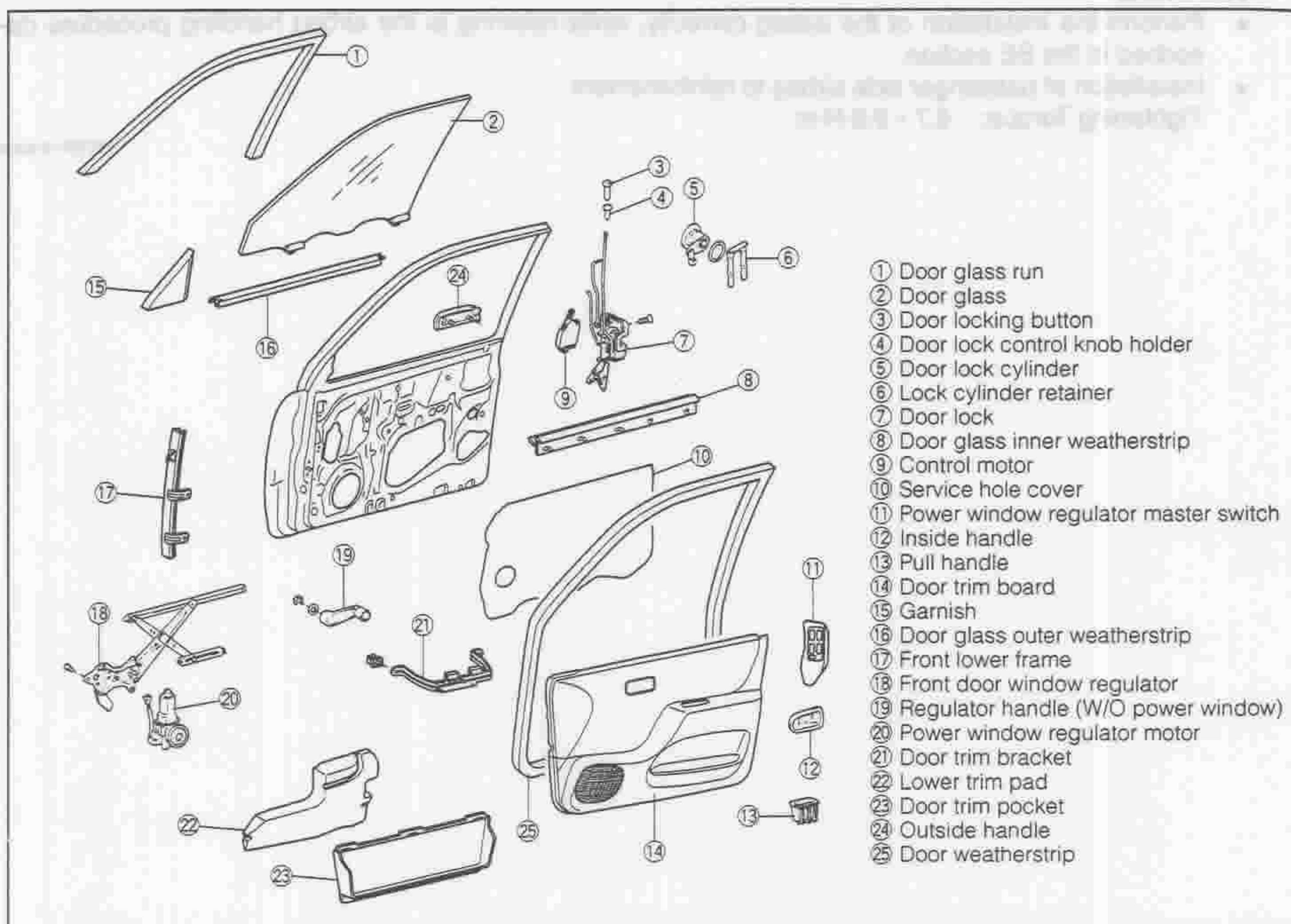
LBO00014-00013

- (2) Remove the instrument panel from the reinforcement by removing the four set bolts.



LBO00015-00014

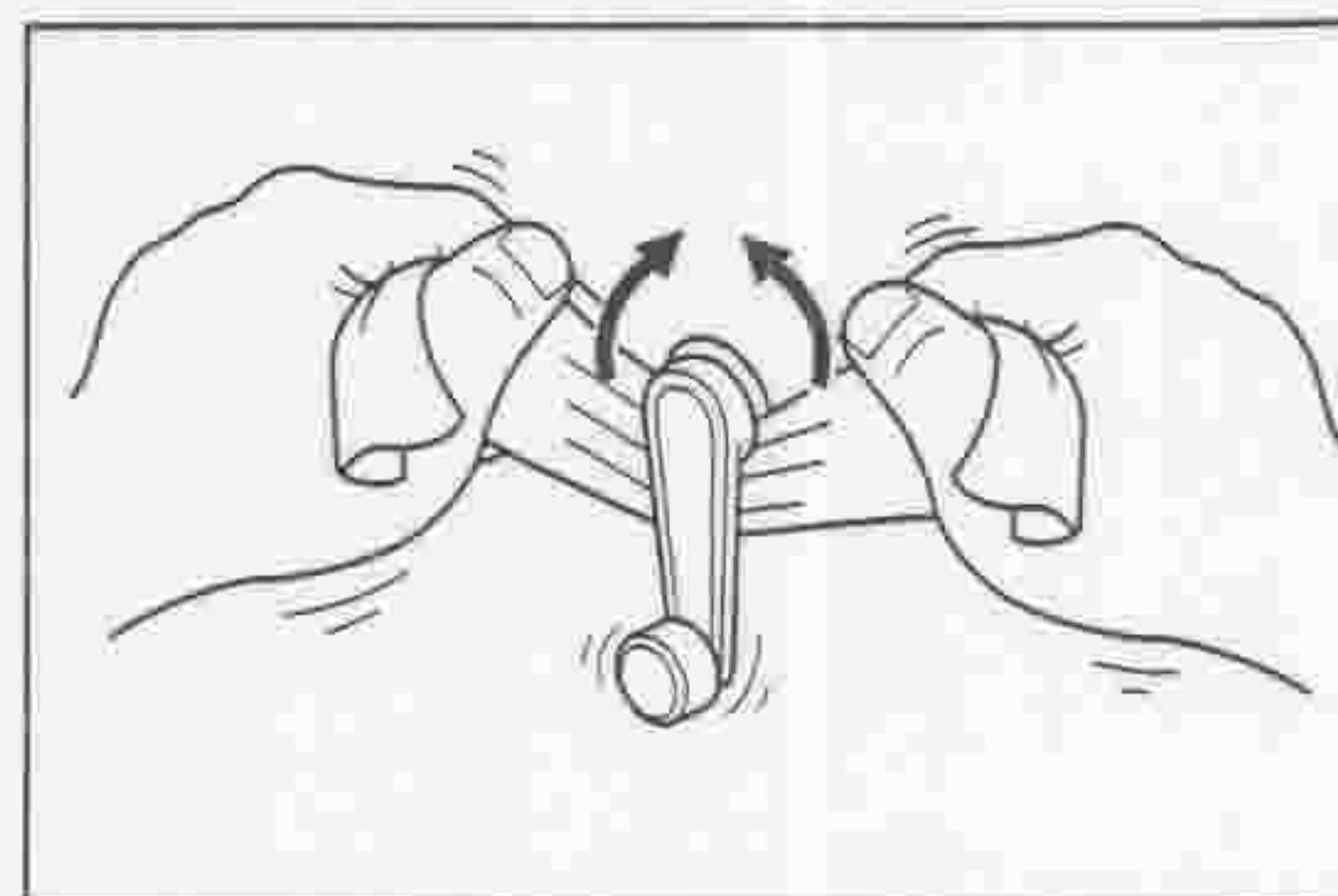
FRONT DOOR COMPONENTS



LBO00017-00015

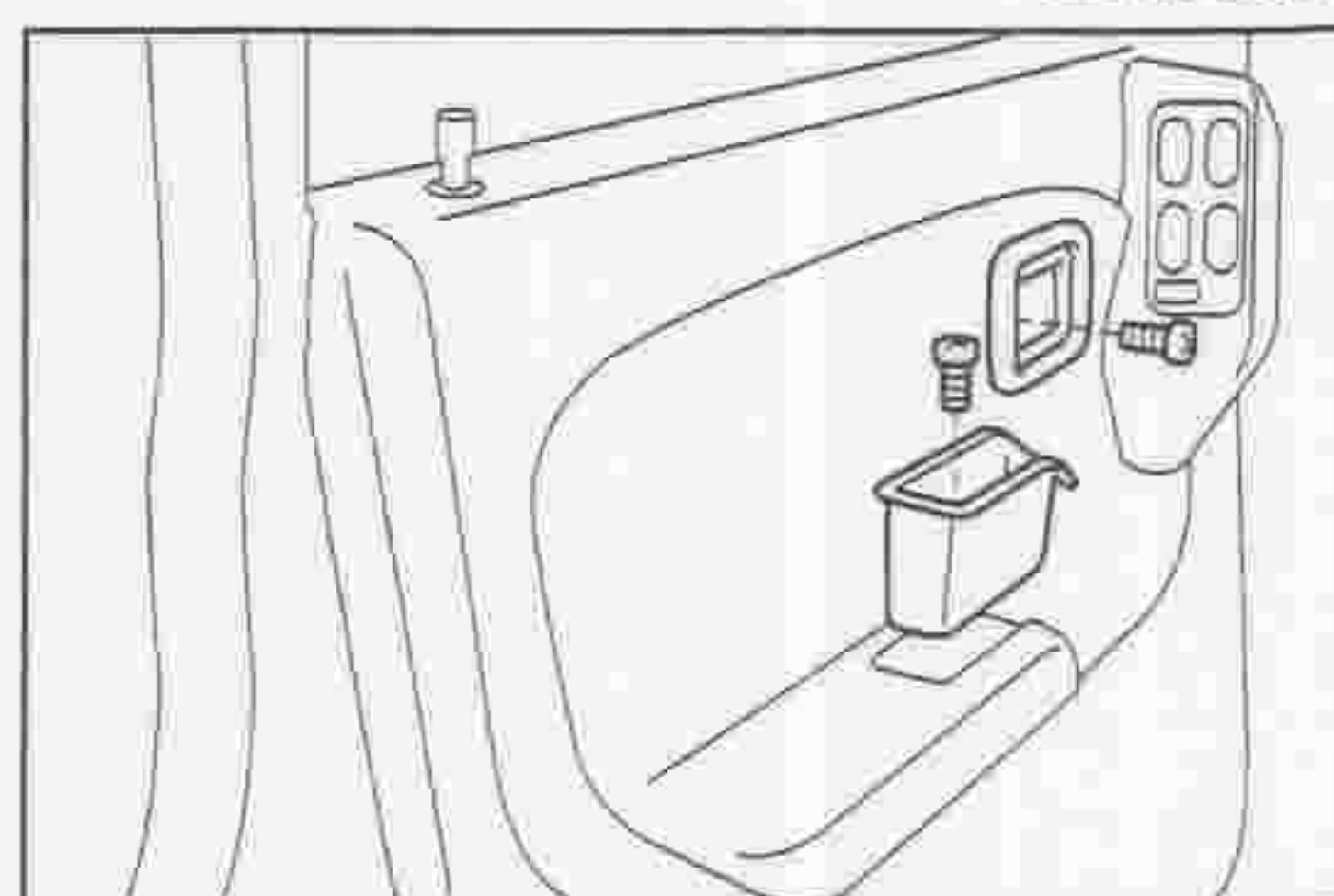
DISASSEMBLY

1. Removal of regulator handle (Front door without driving motor)
 - (1) Remove the spring with cloth. Remove the regulator handle and plate.



LBO00018-00016

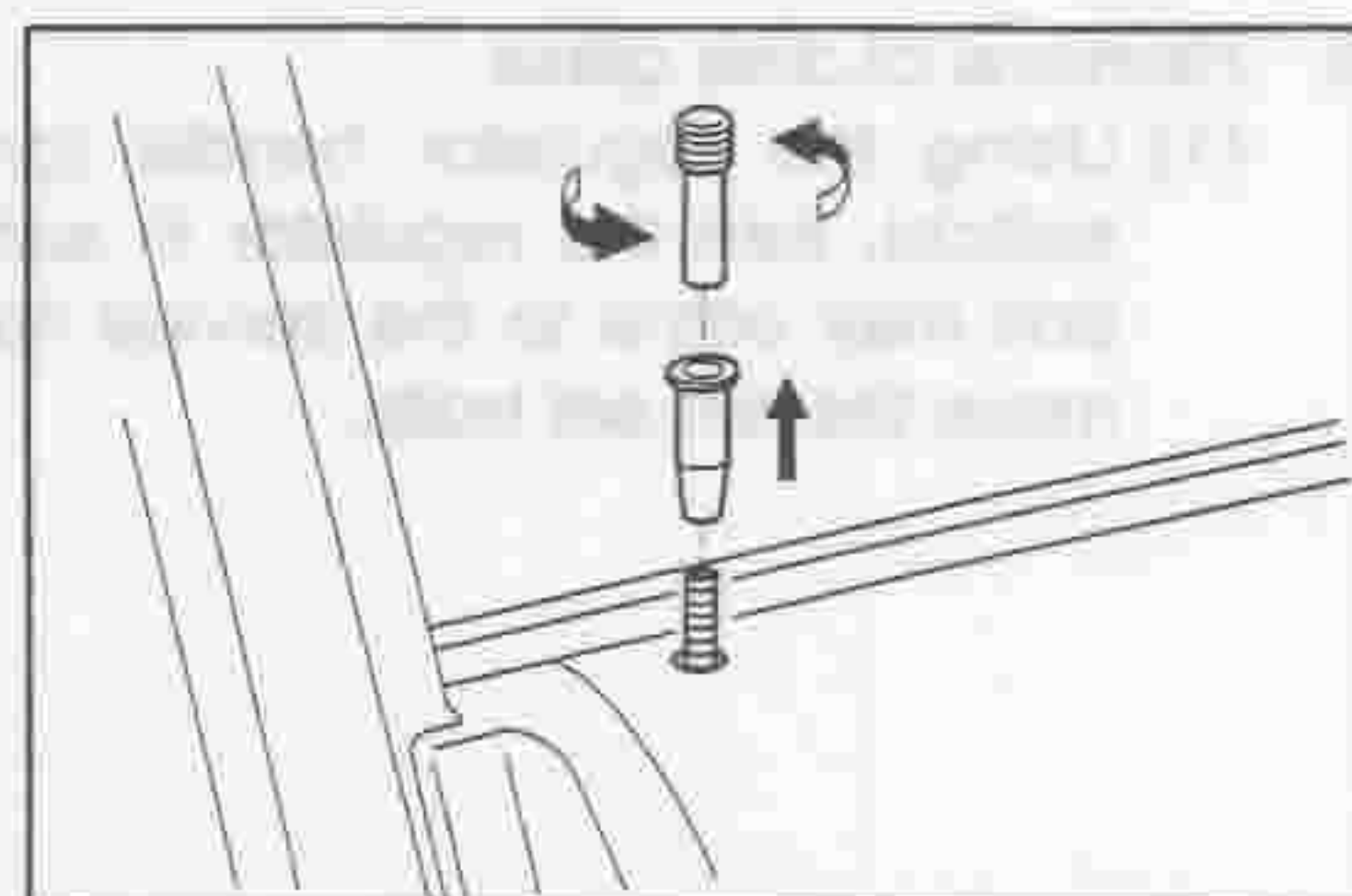
2. Removal of inside handle and pull handle
 - (1) Remove the inside handle and pull handle from the door trim panel by removing the set screws.



LBO00019-00017

3. Removal of door locking button

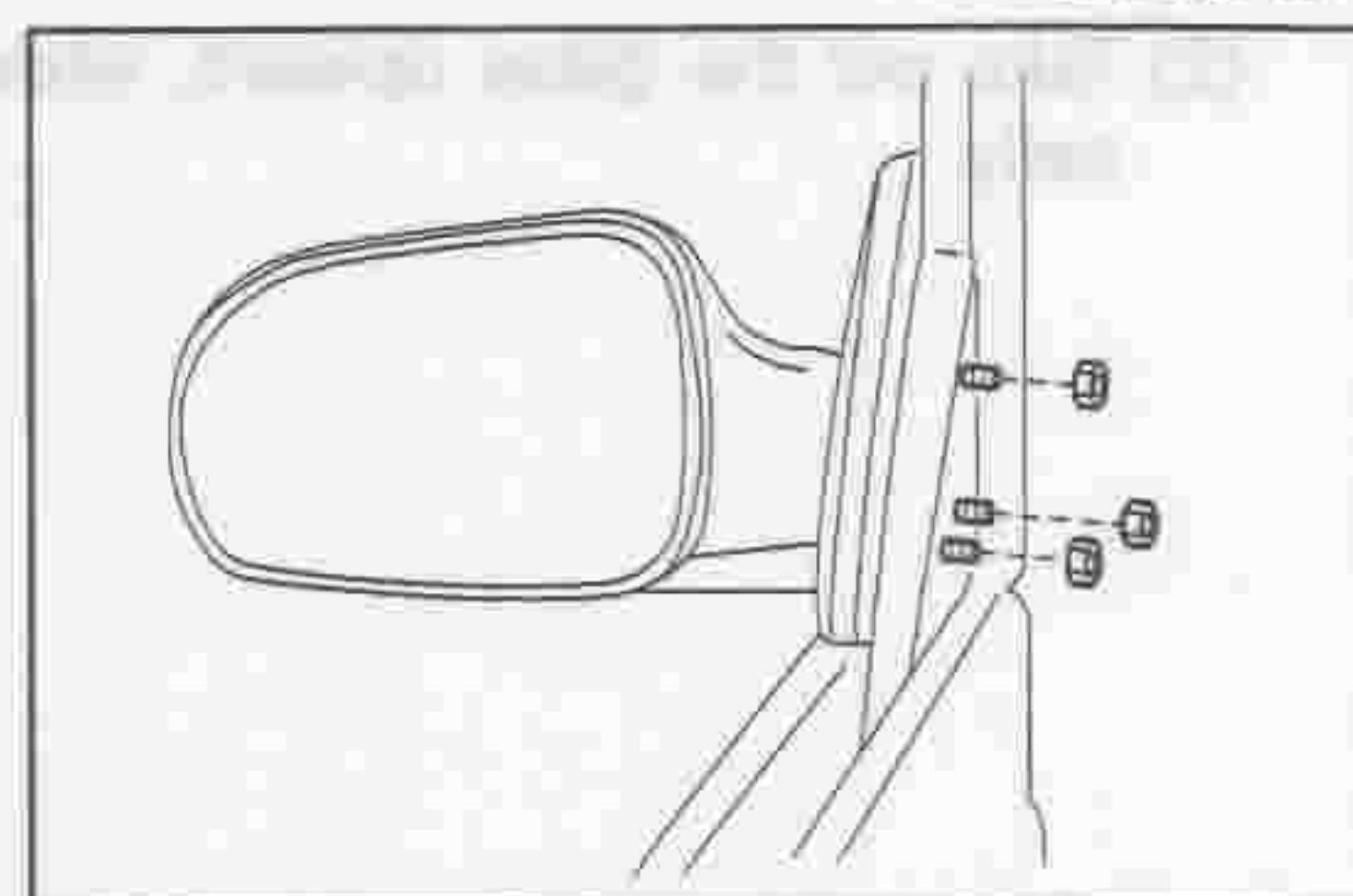
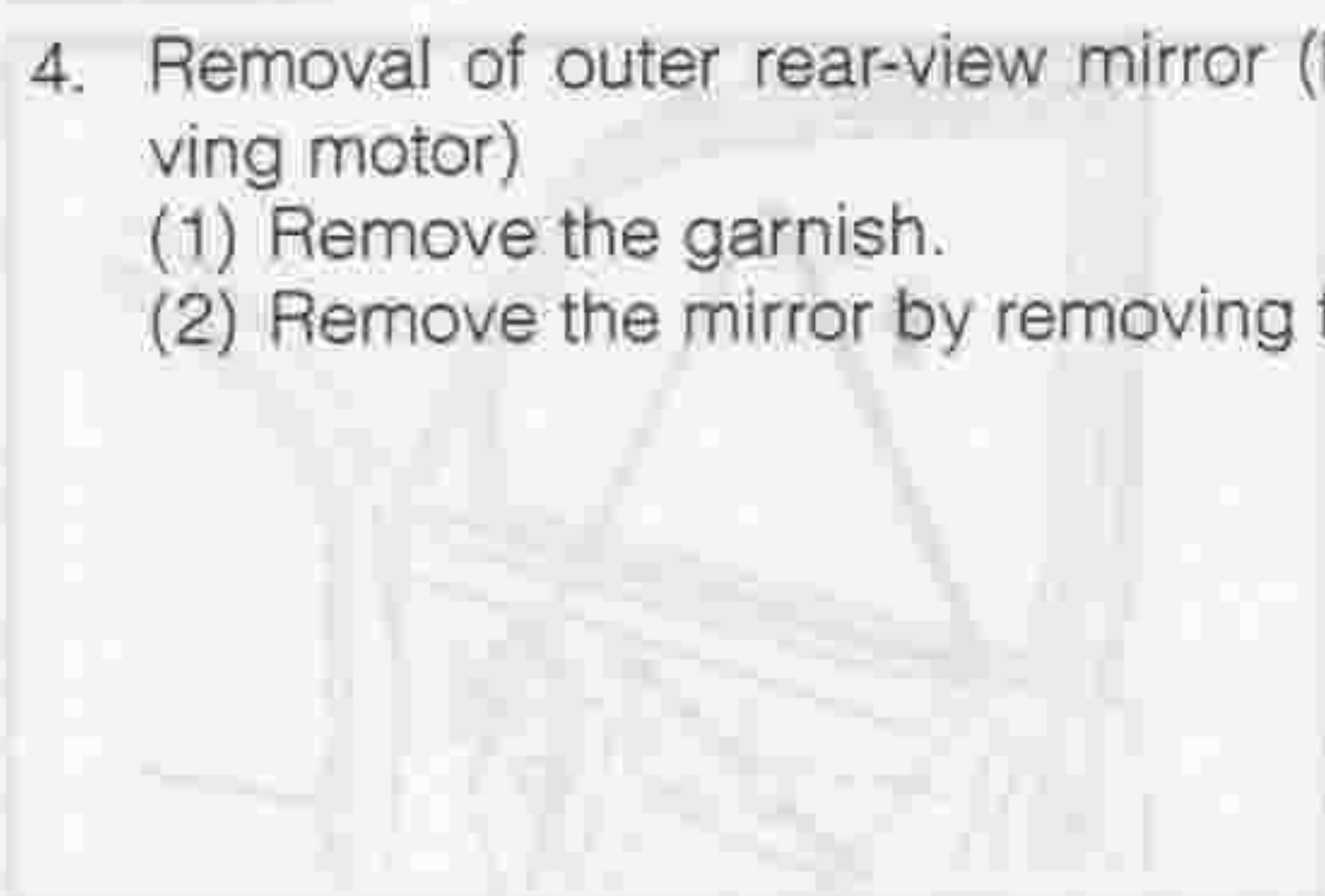
- (1) Remove the locking button and retainer.



LBO00020-00018

4. Removal of outer rear-view mirror (Front door without driving motor)

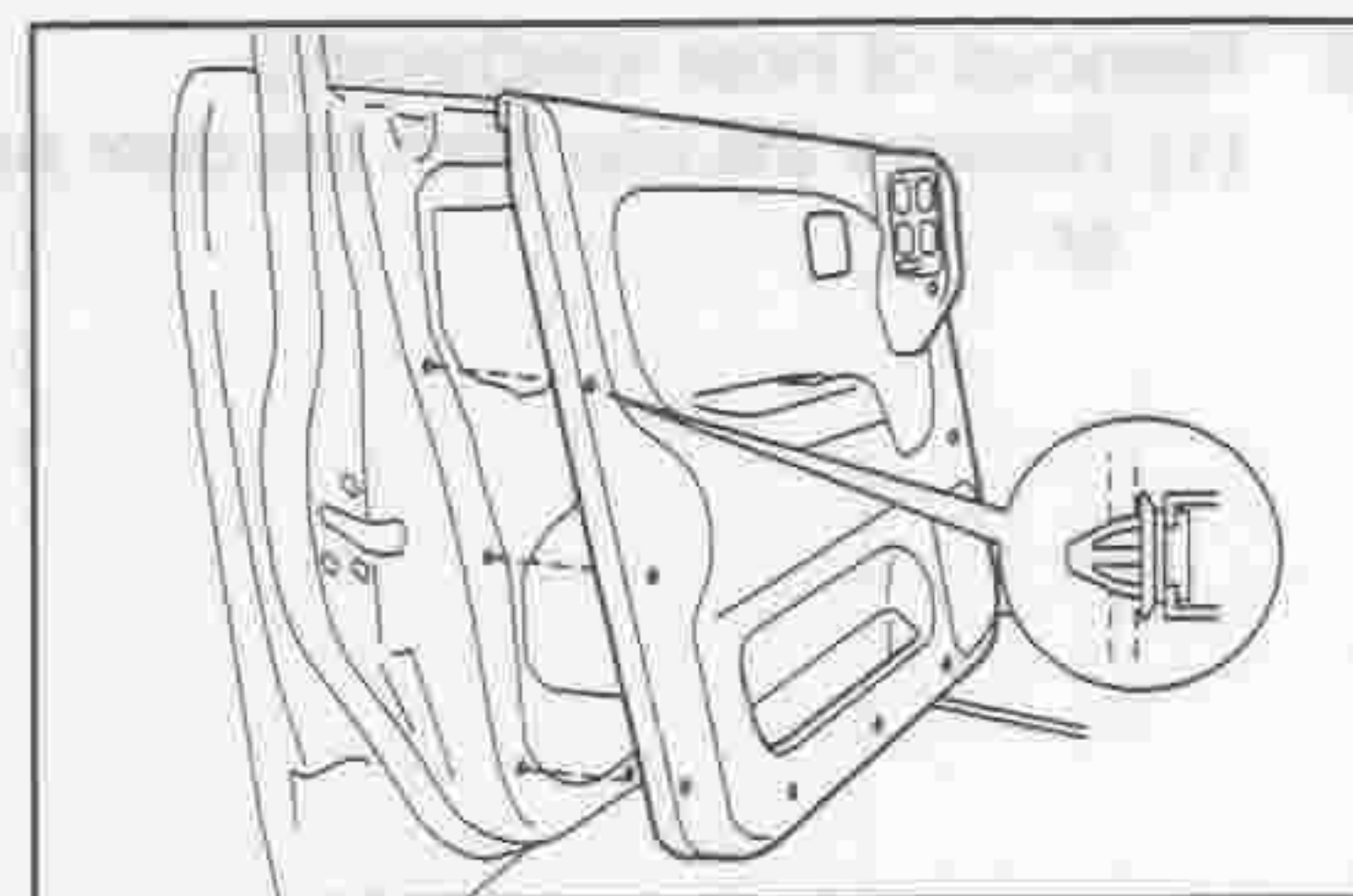
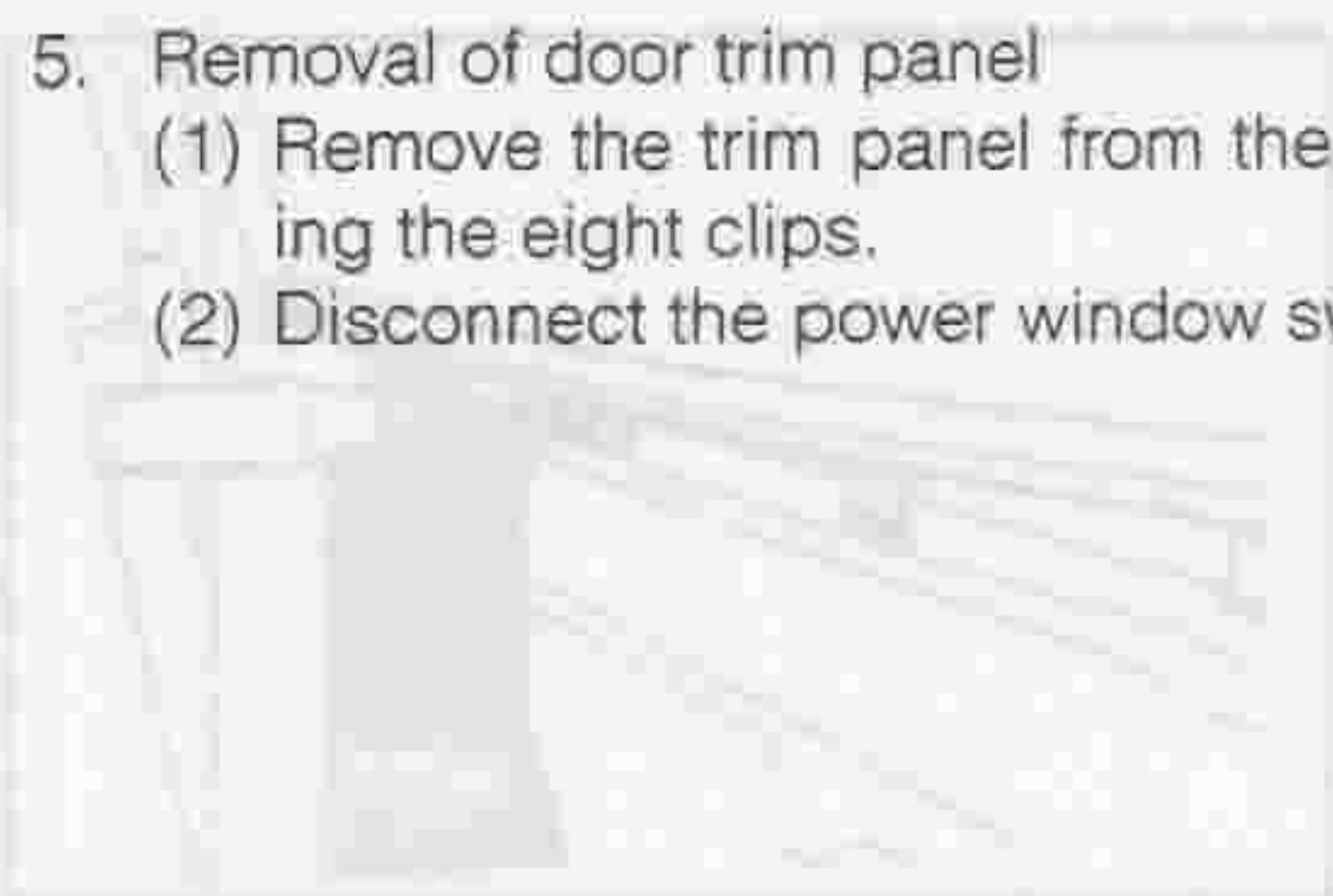
- (1) Remove the garnish.
- (2) Remove the mirror by removing the three set nuts.



LBO00021-00019

5. Removal of door trim panel

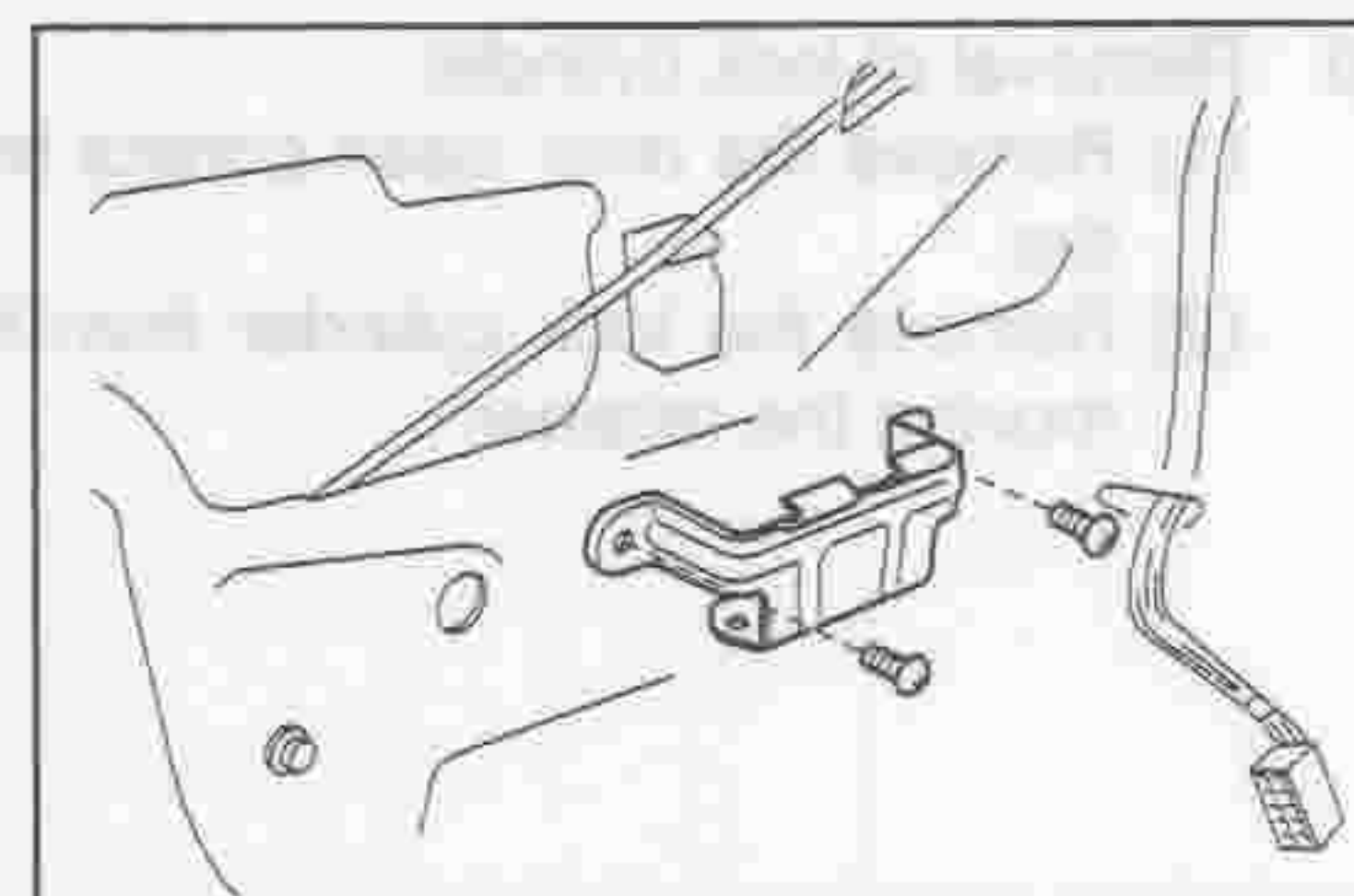
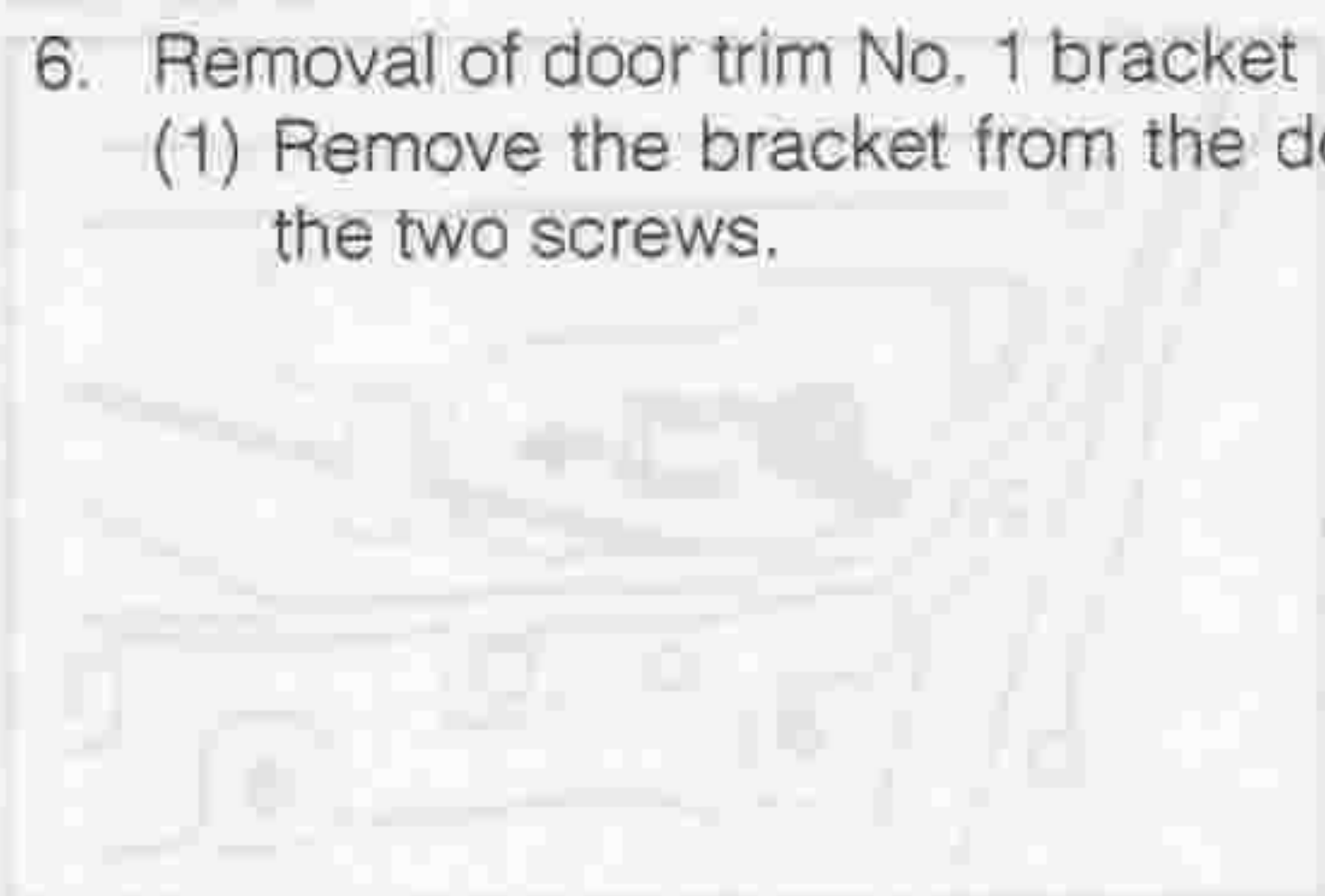
- (1) Remove the trim panel from the door panel by removing the eight clips.
- (2) Disconnect the power window switch connector.



LBO00022-00020

6. Removal of door trim No. 1 bracket

- (1) Remove the bracket from the door panel by removing the two screws.

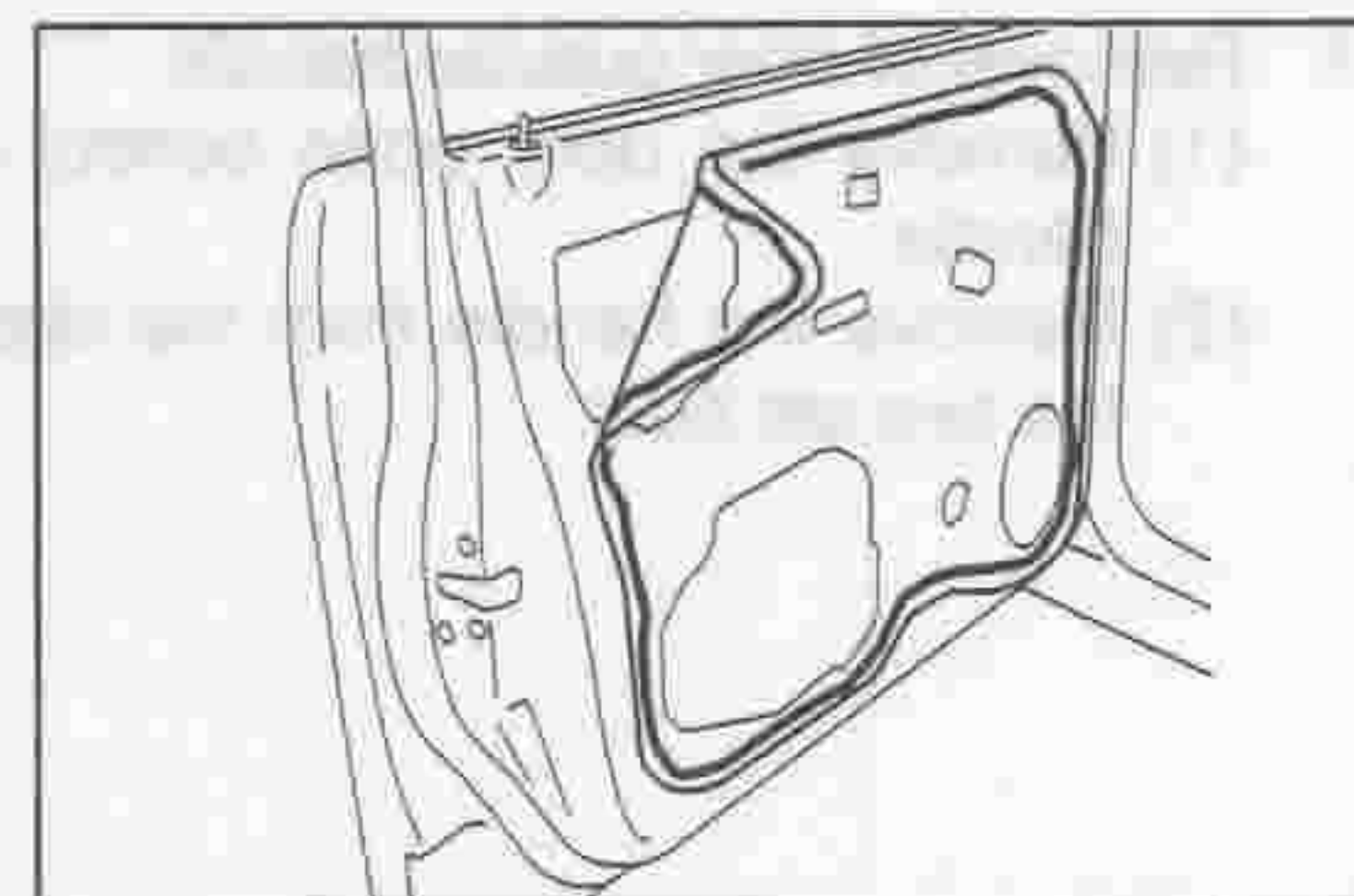
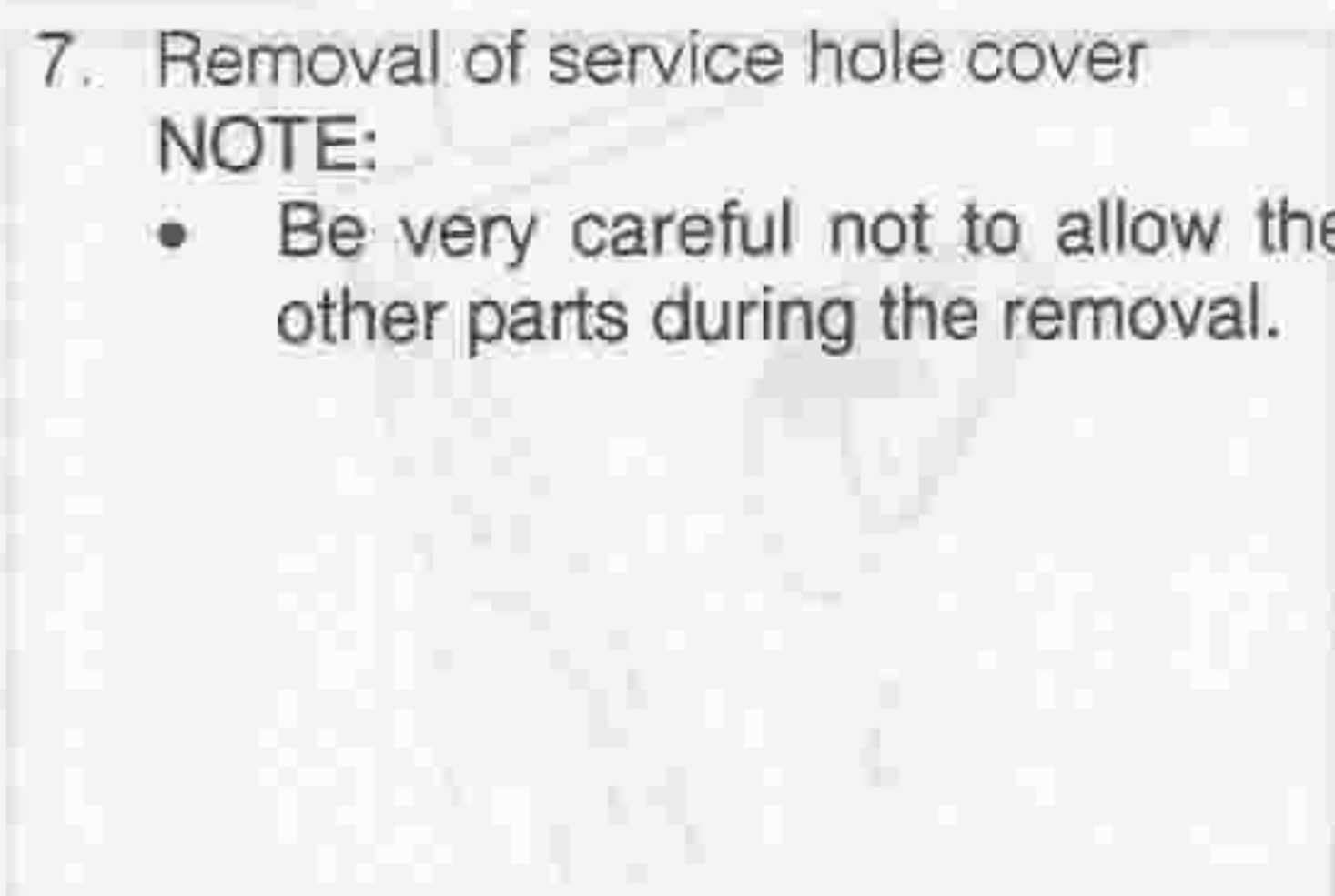


LBO00023-00021

7. Removal of service hole cover

NOTE:

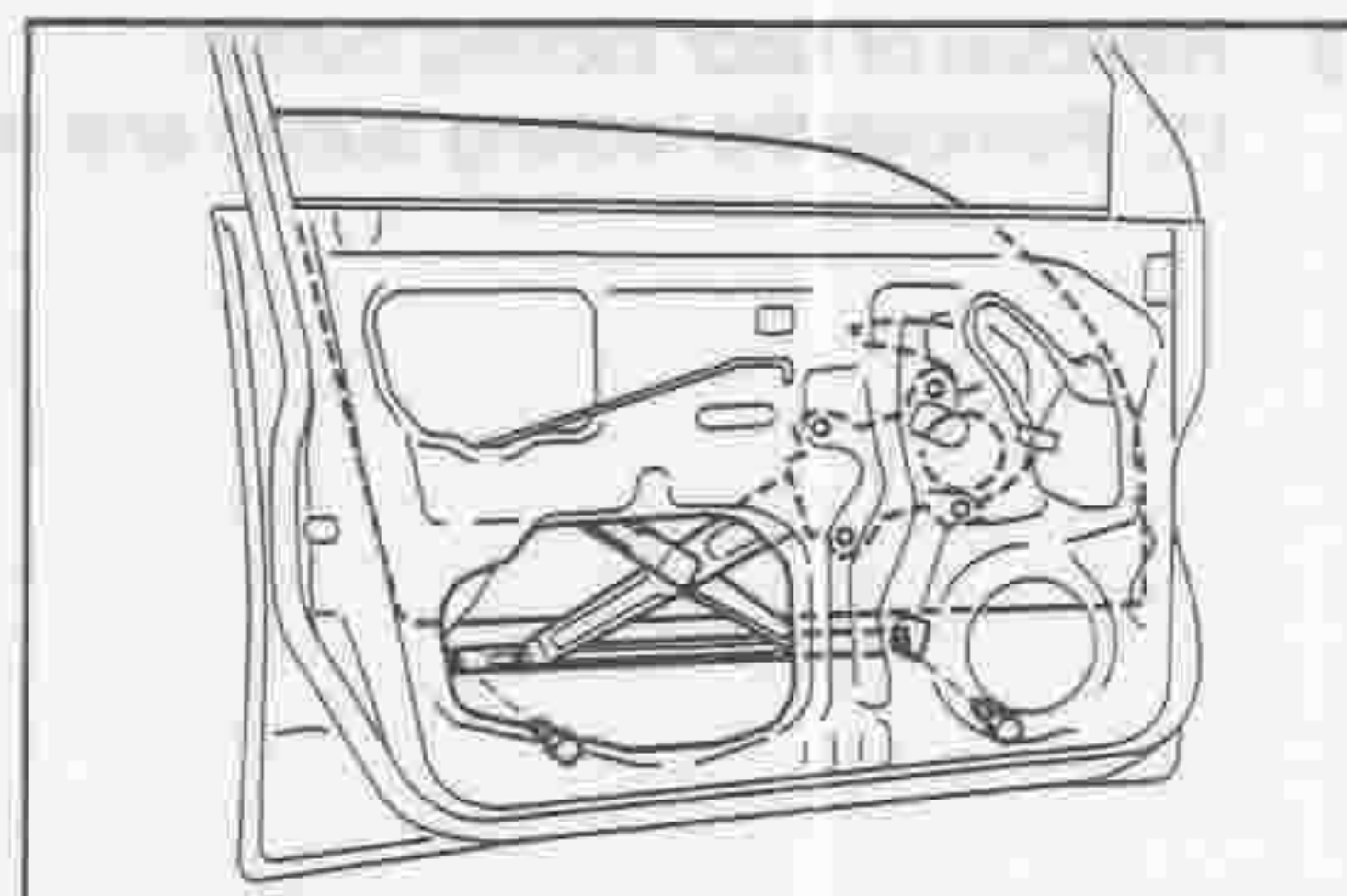
- Be very careful not to allow the butyl tape to stick to other parts during the removal.



LBO00024-00022

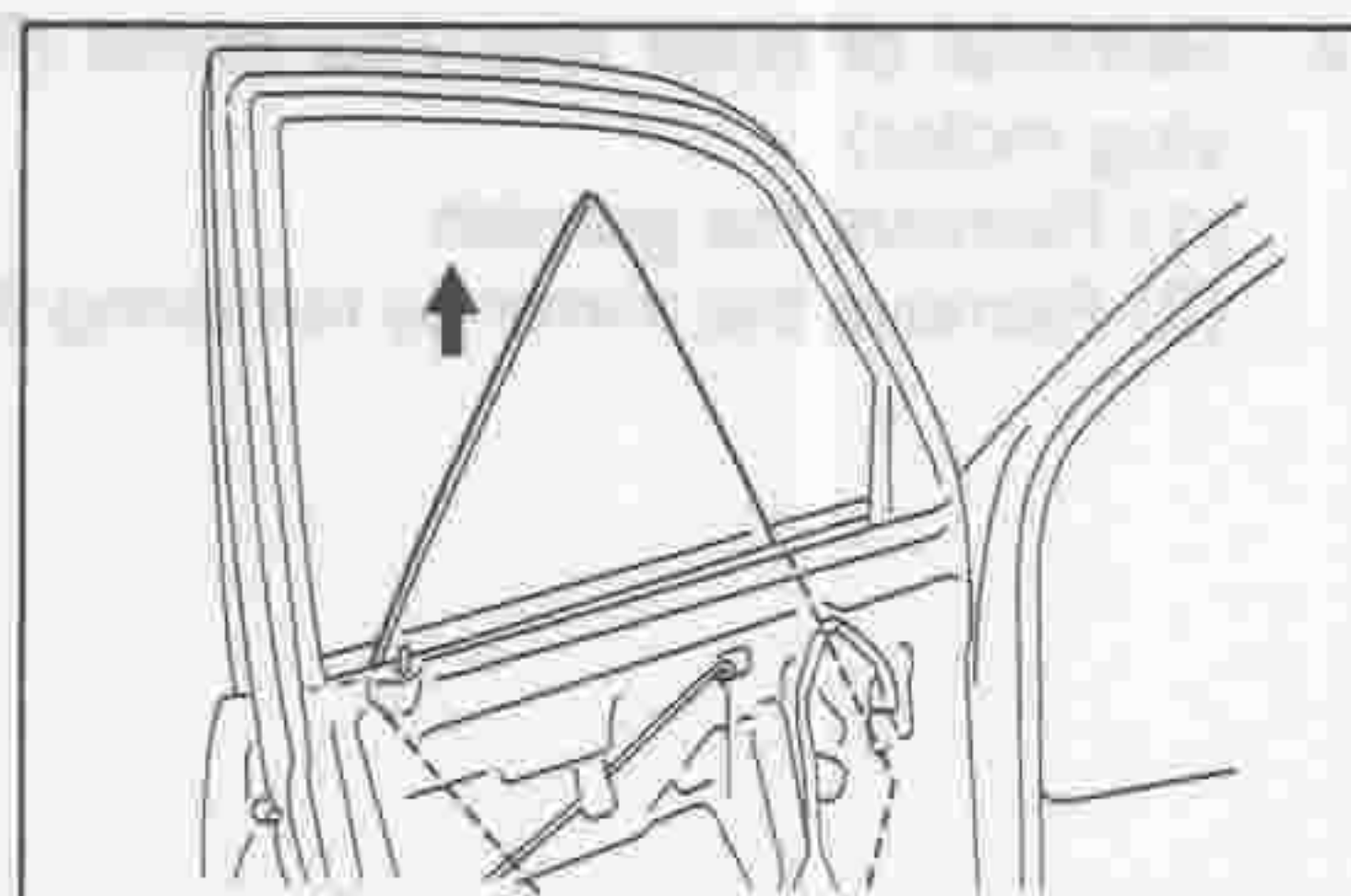
8. Removal of door glass

- (1) Using the regulator handle (or the power window switch), turn the regulator in such a way that the set bolt may come to the service hole position. Then, remove the two set bolts.



LBO00025-00023

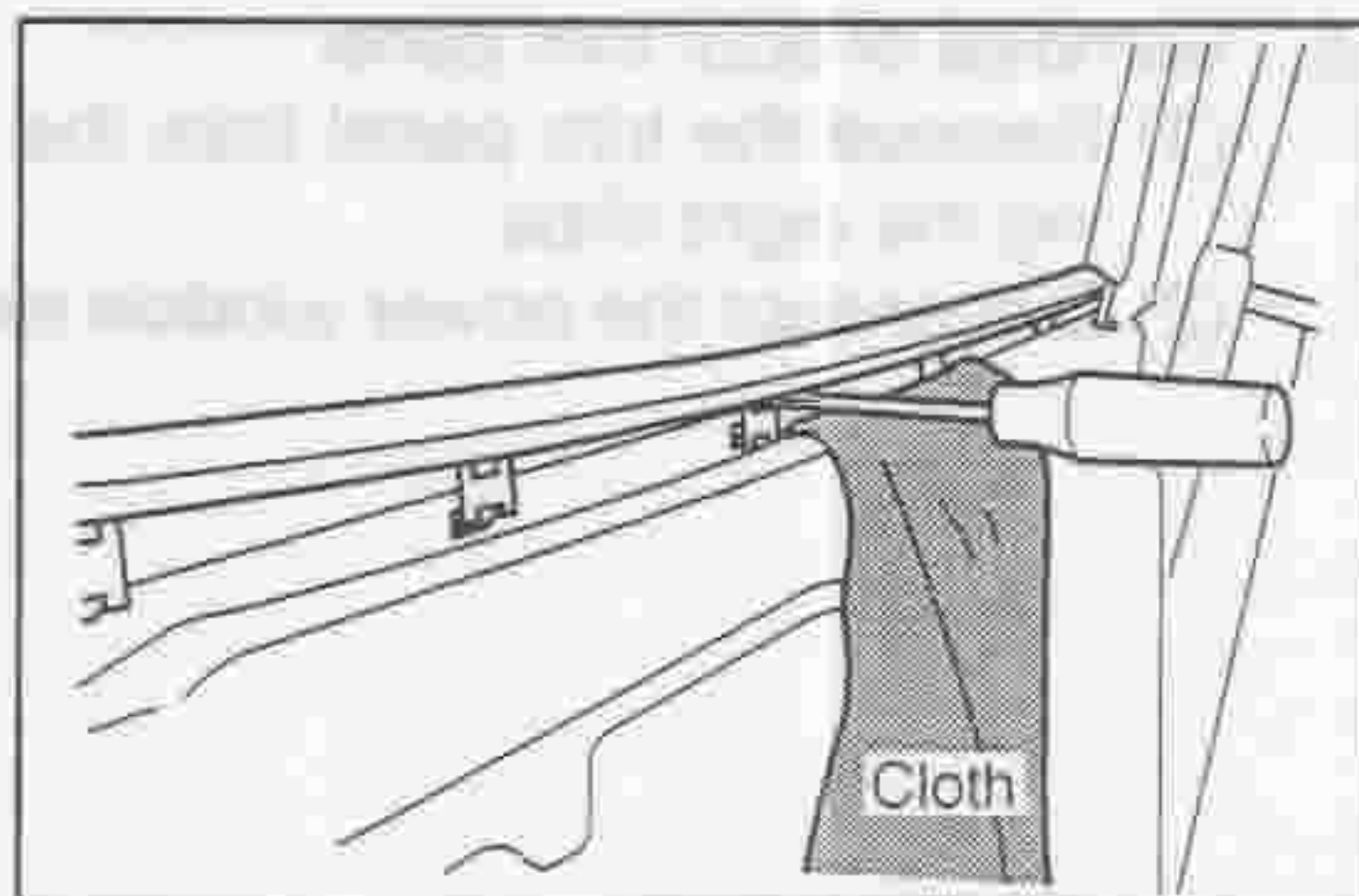
- (2) Take out the glass upward, while holding it longitudinally.



LBO00026-00024

9. Removal of inner weatherstrip

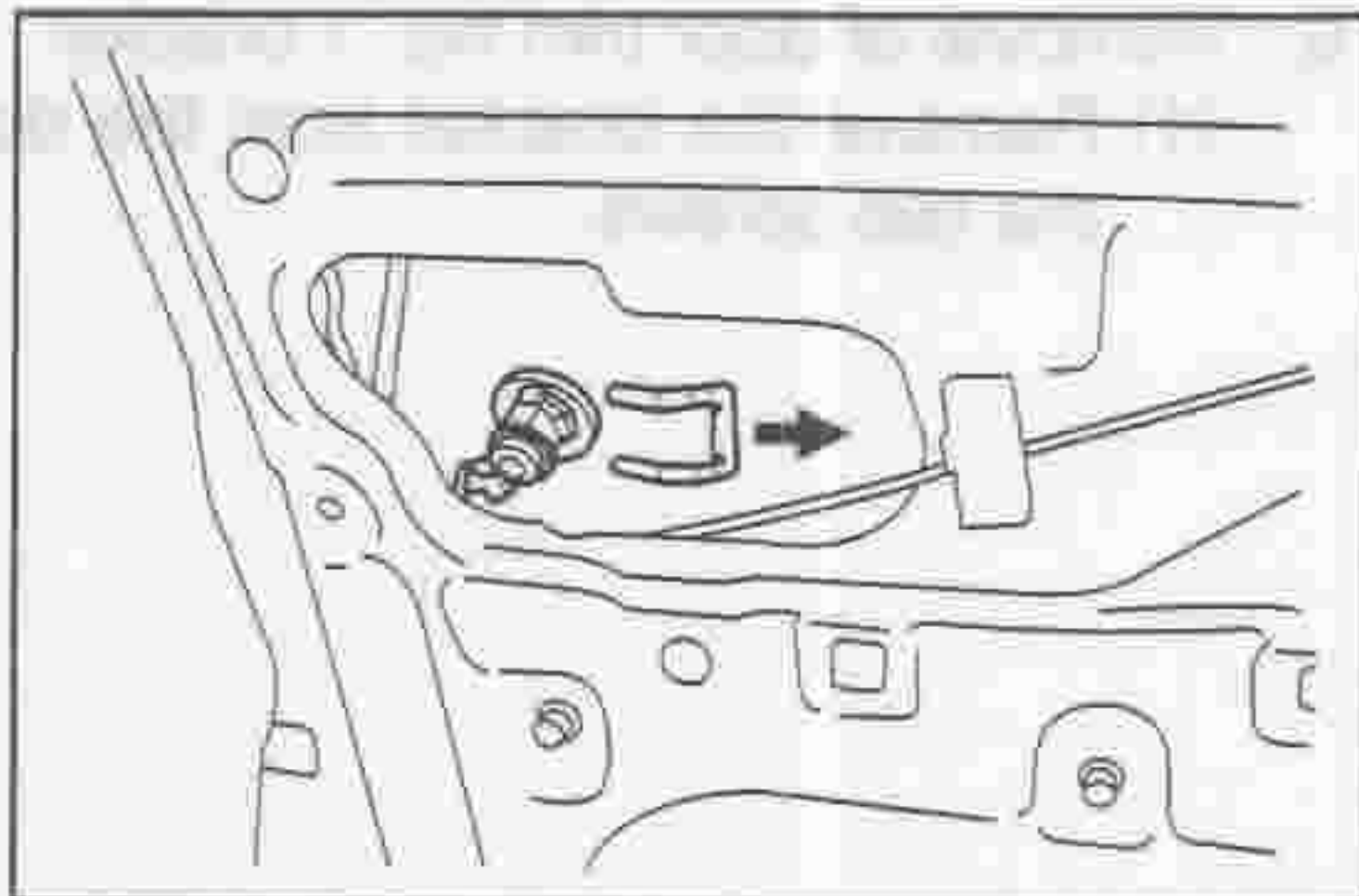
- (1) Remove the clip from the door panel with a screwdriver.



LBO00027-00025

10. Removal of lock cylinder

- (1) Remove the door open control link from the lock cylinder.
- (2) Remove the lock cylinder from the door panel by removing the retainer.



LBO00028-00026

11. Removal of door outside handle

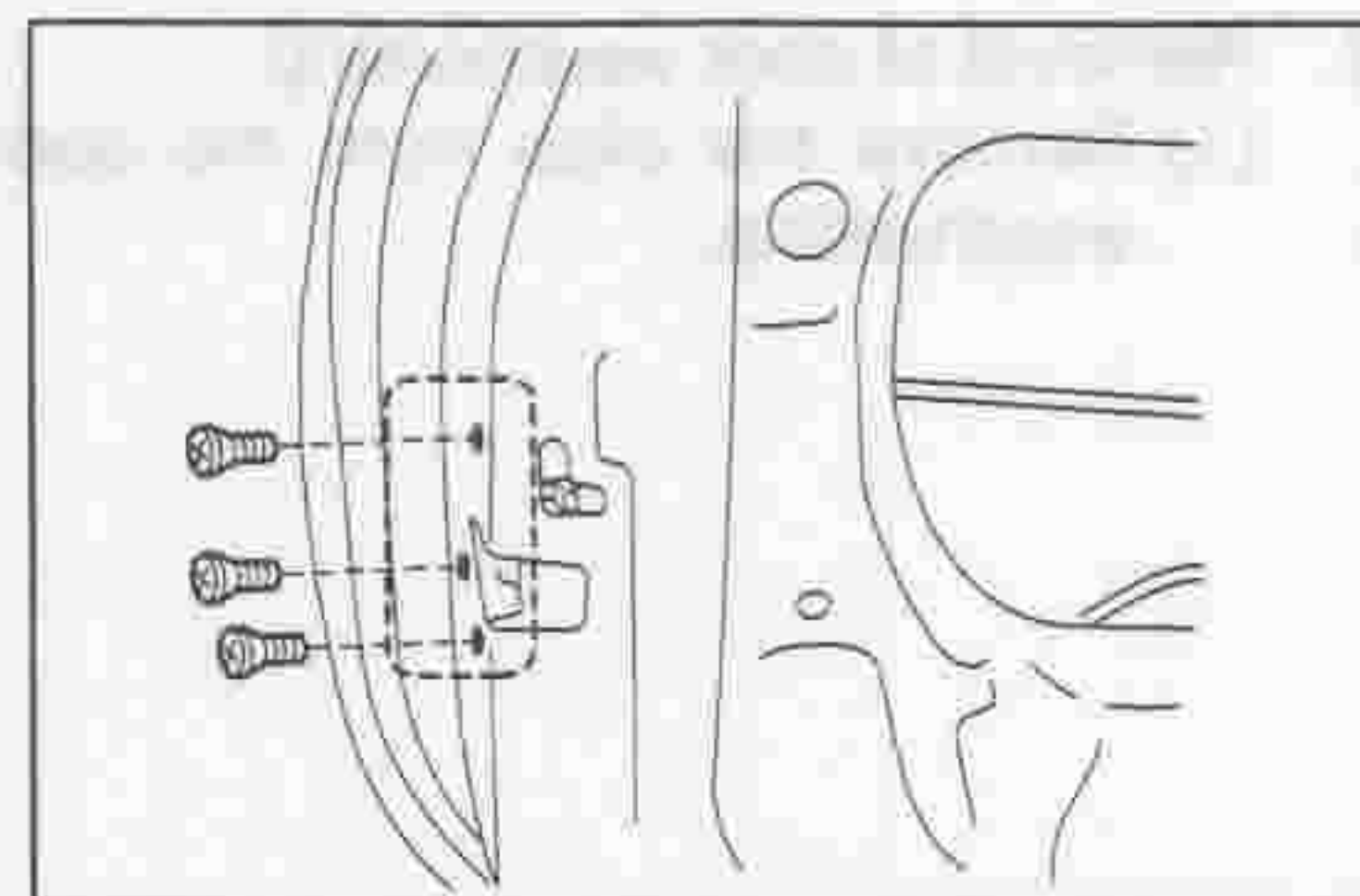
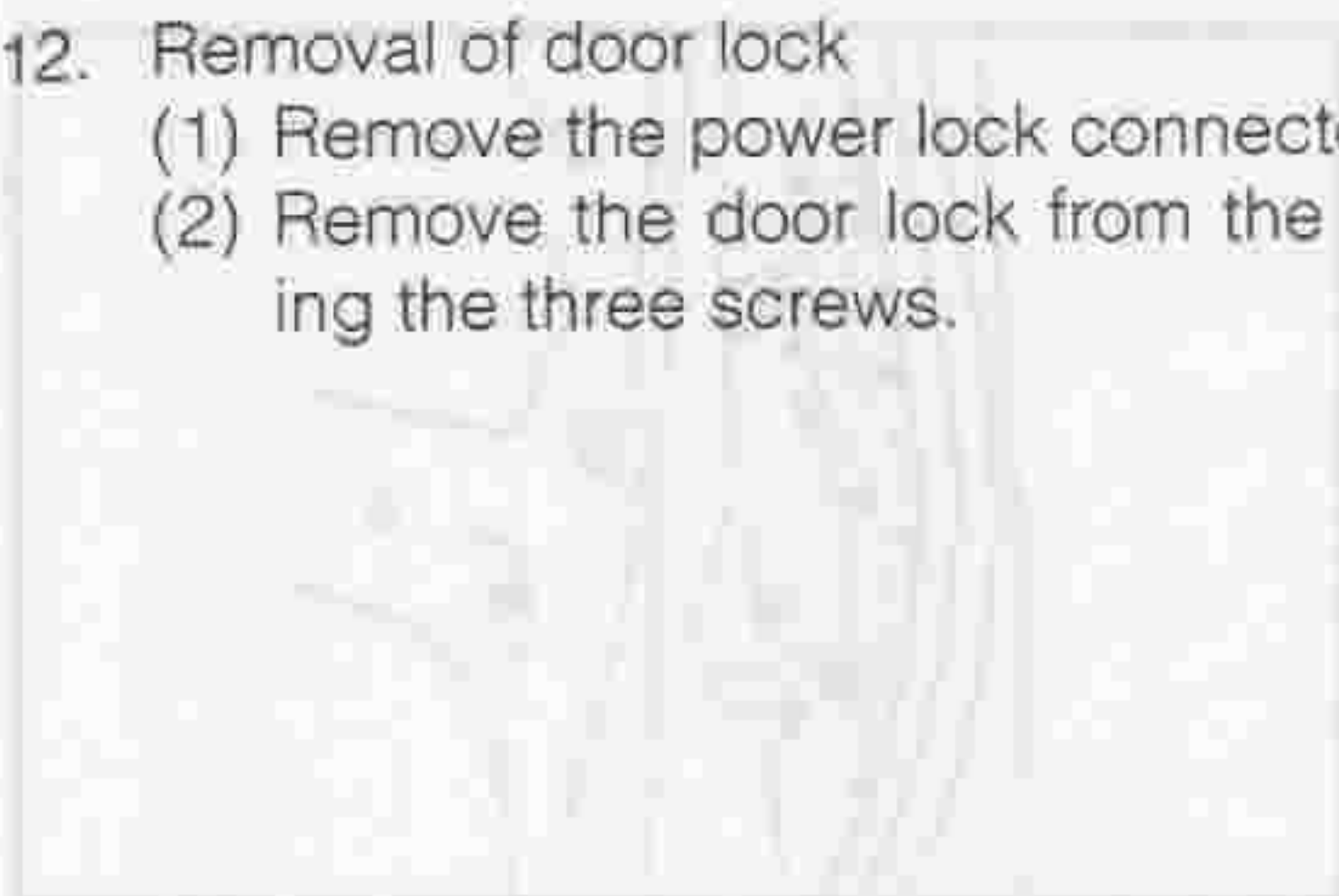
- (1) Remove the door open control link from the outside handle.
- (2) Remove the handle from the door panel by removing the two set nuts.



LBO00029-00027

12. Removal of door lock

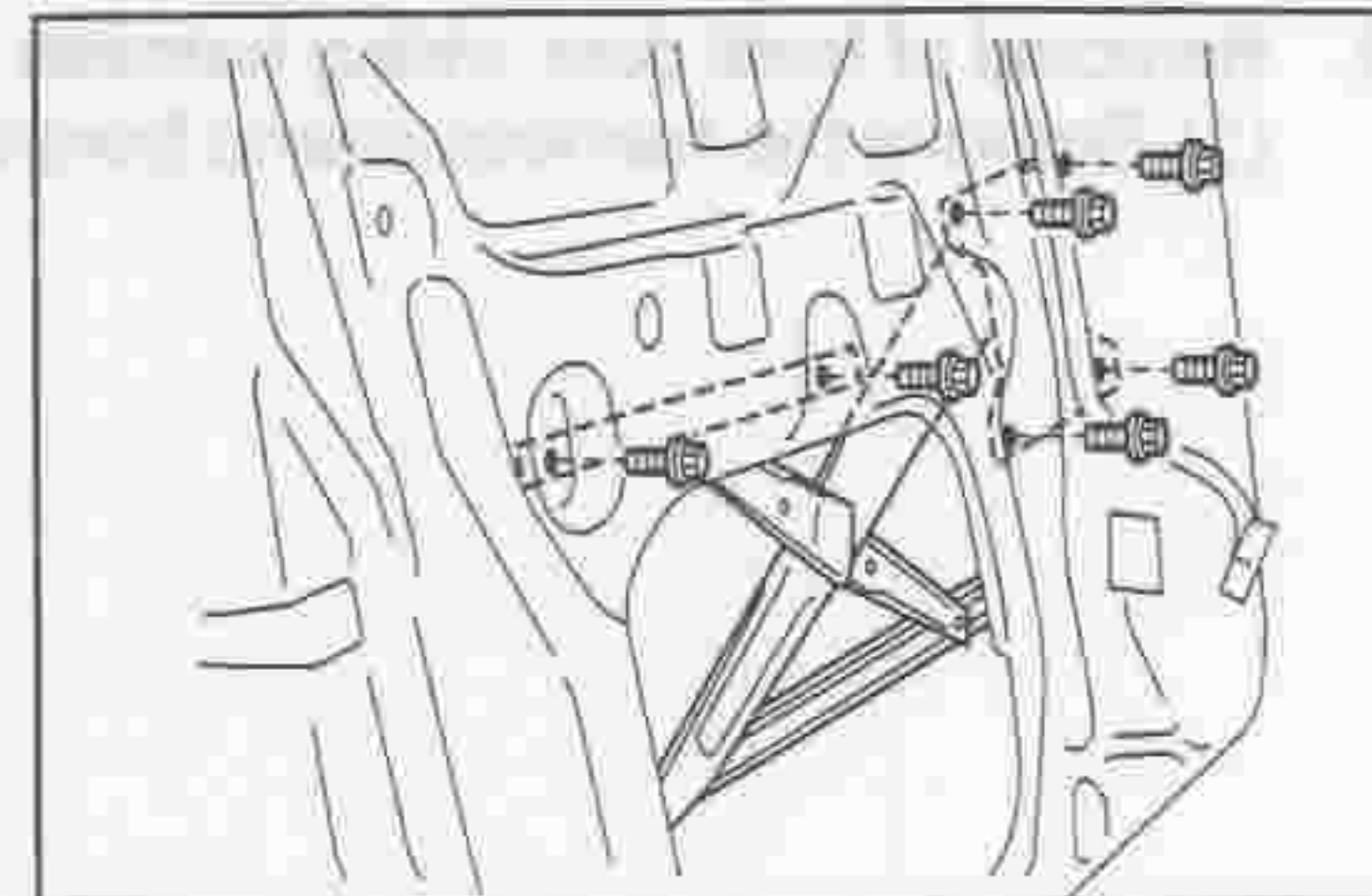
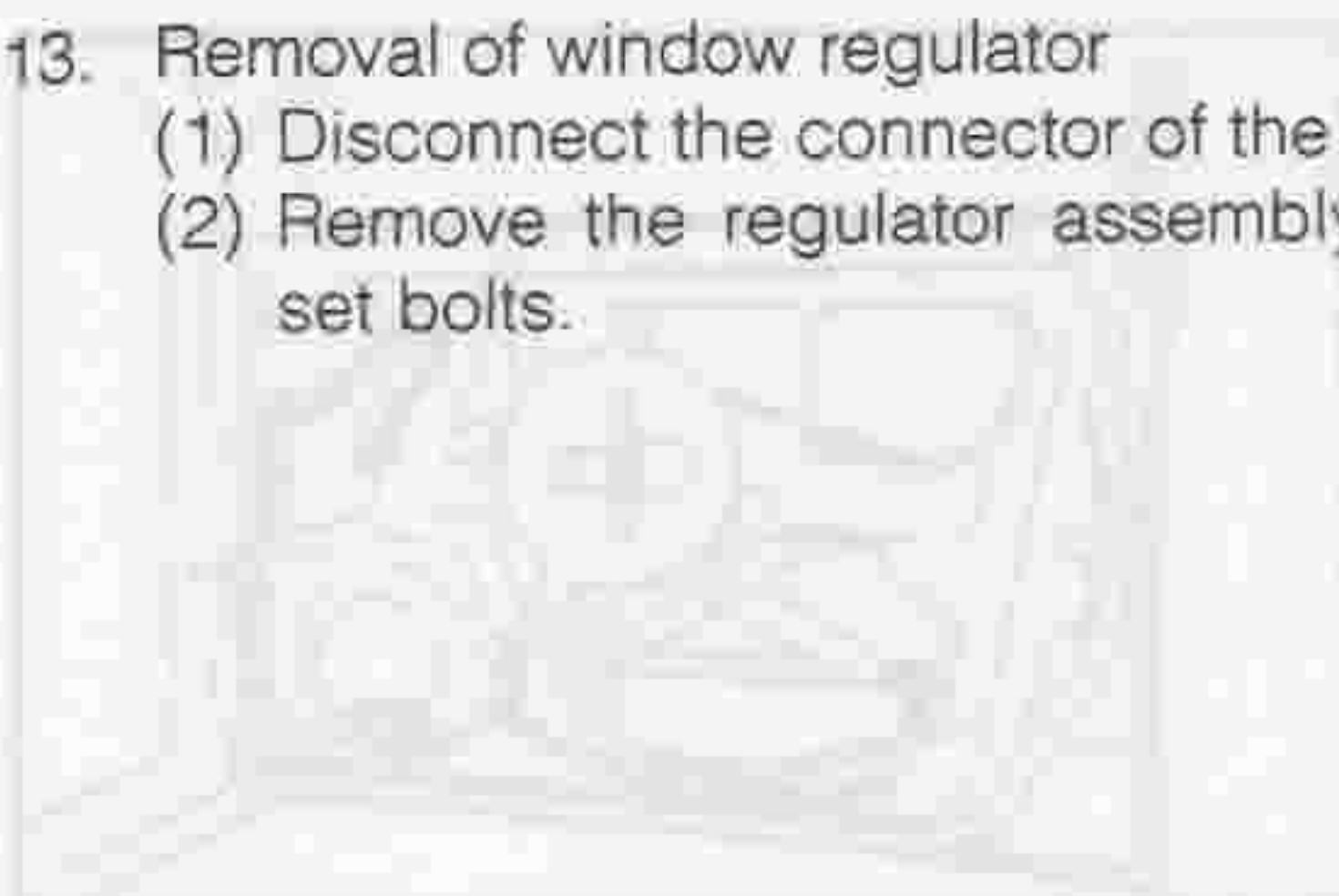
- (1) Remove the power lock connector (if so equipped).
- (2) Remove the door lock from the door panel by removing the three screws.



LBO00030-00028

13. Removal of window regulator

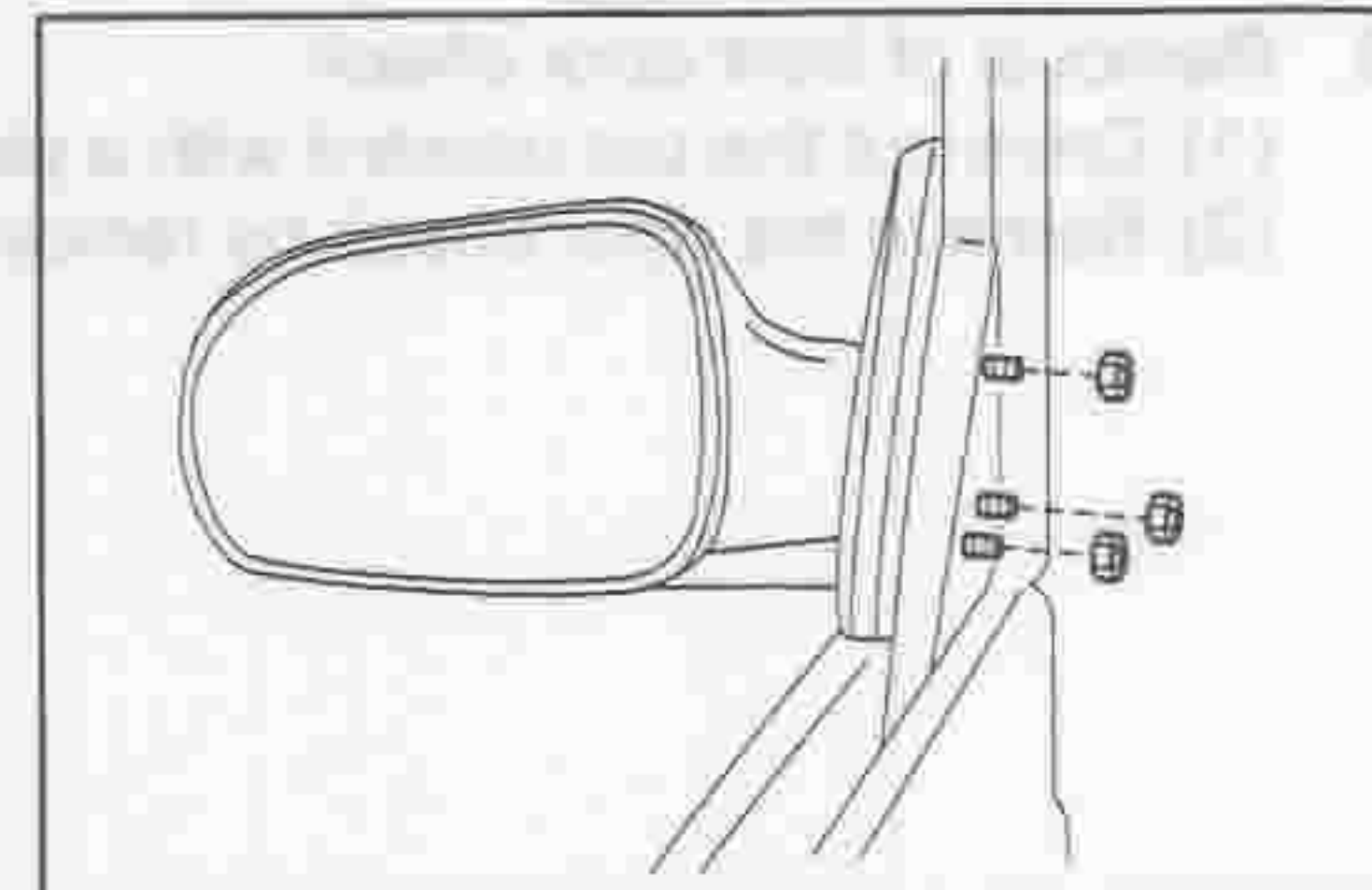
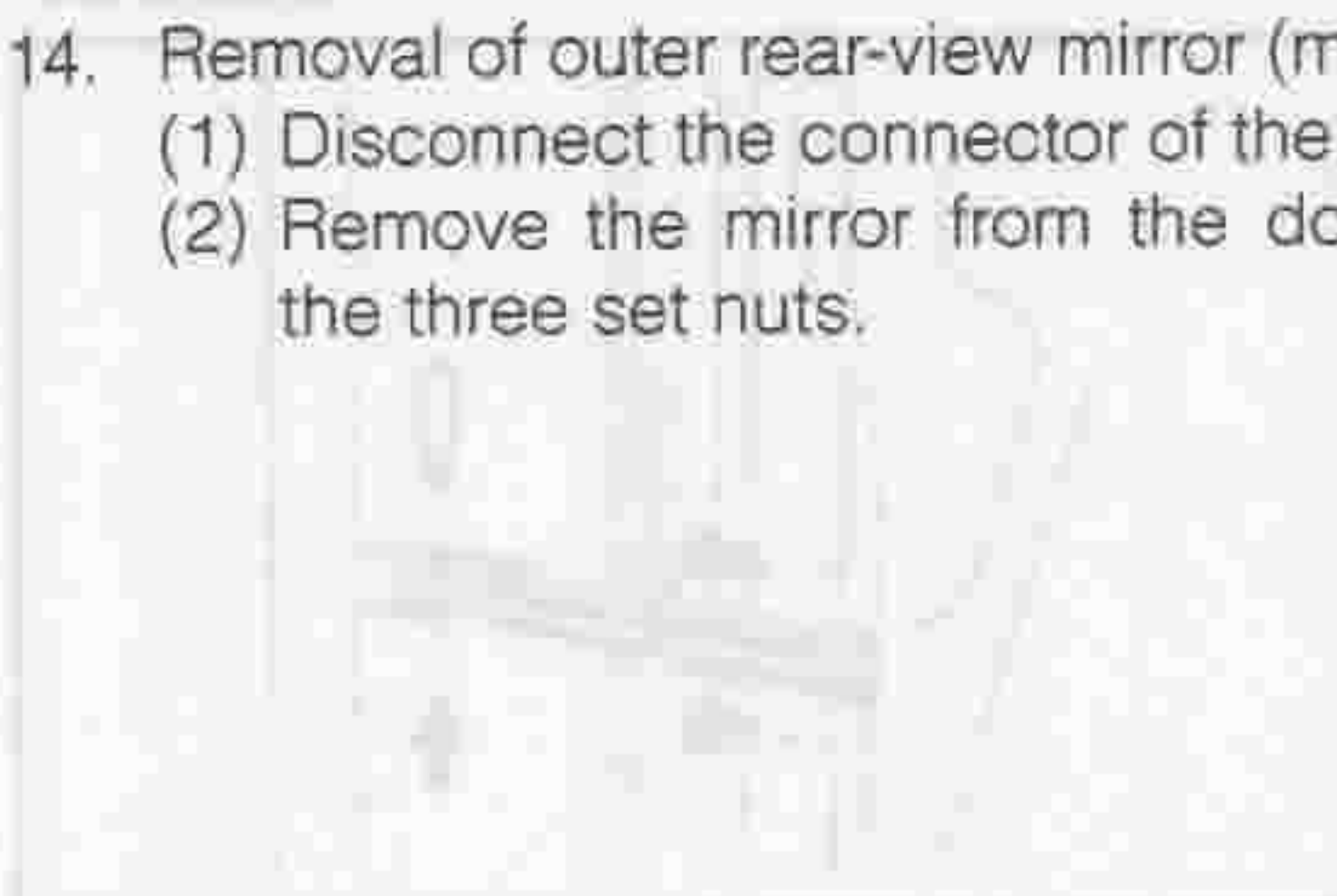
- (1) Disconnect the connector of the power window.
- (2) Remove the regulator assembly by removing the six set bolts.



LBO00031-00029

14. Removal of outer rear-view mirror (motor driven type)

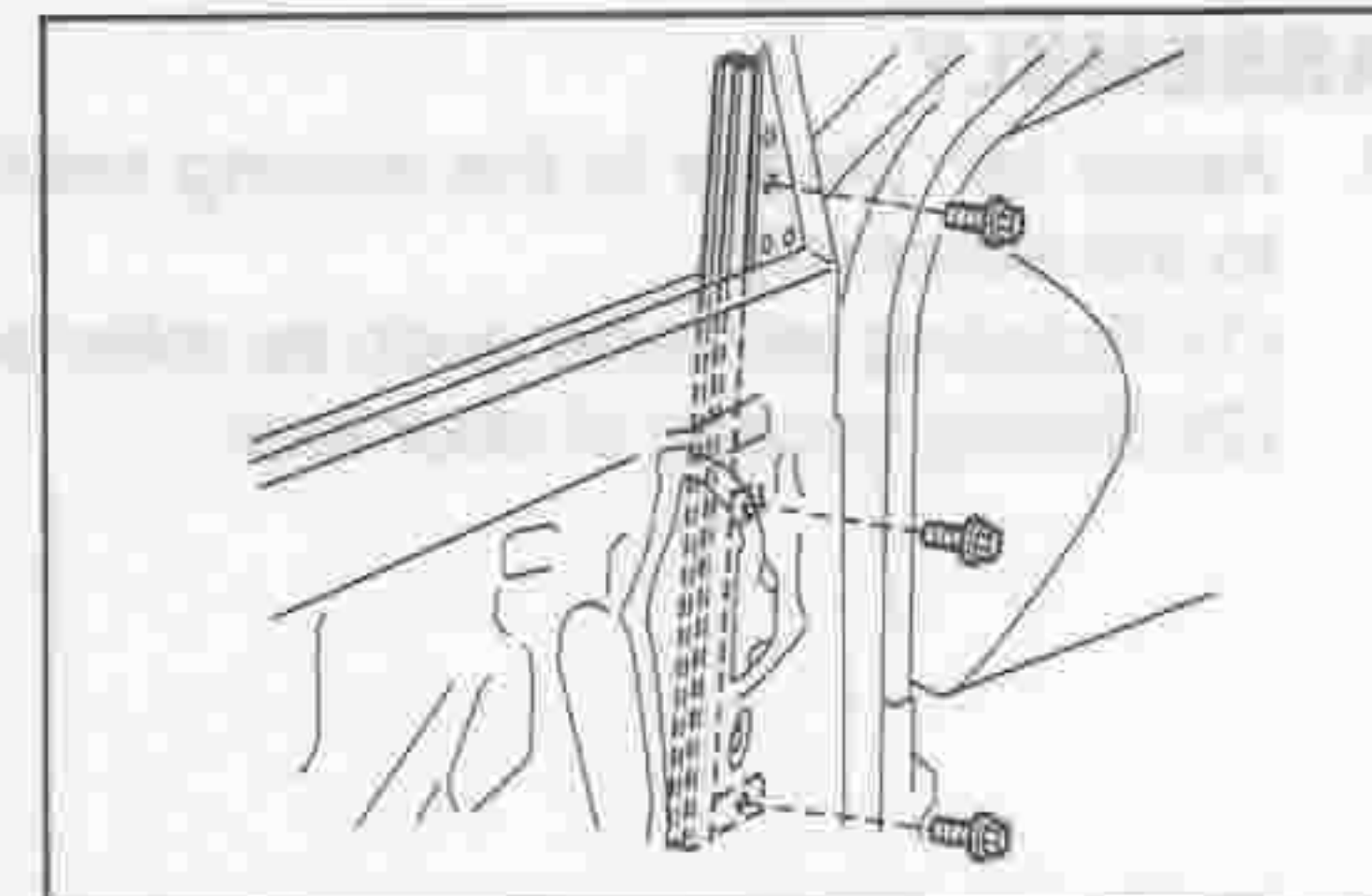
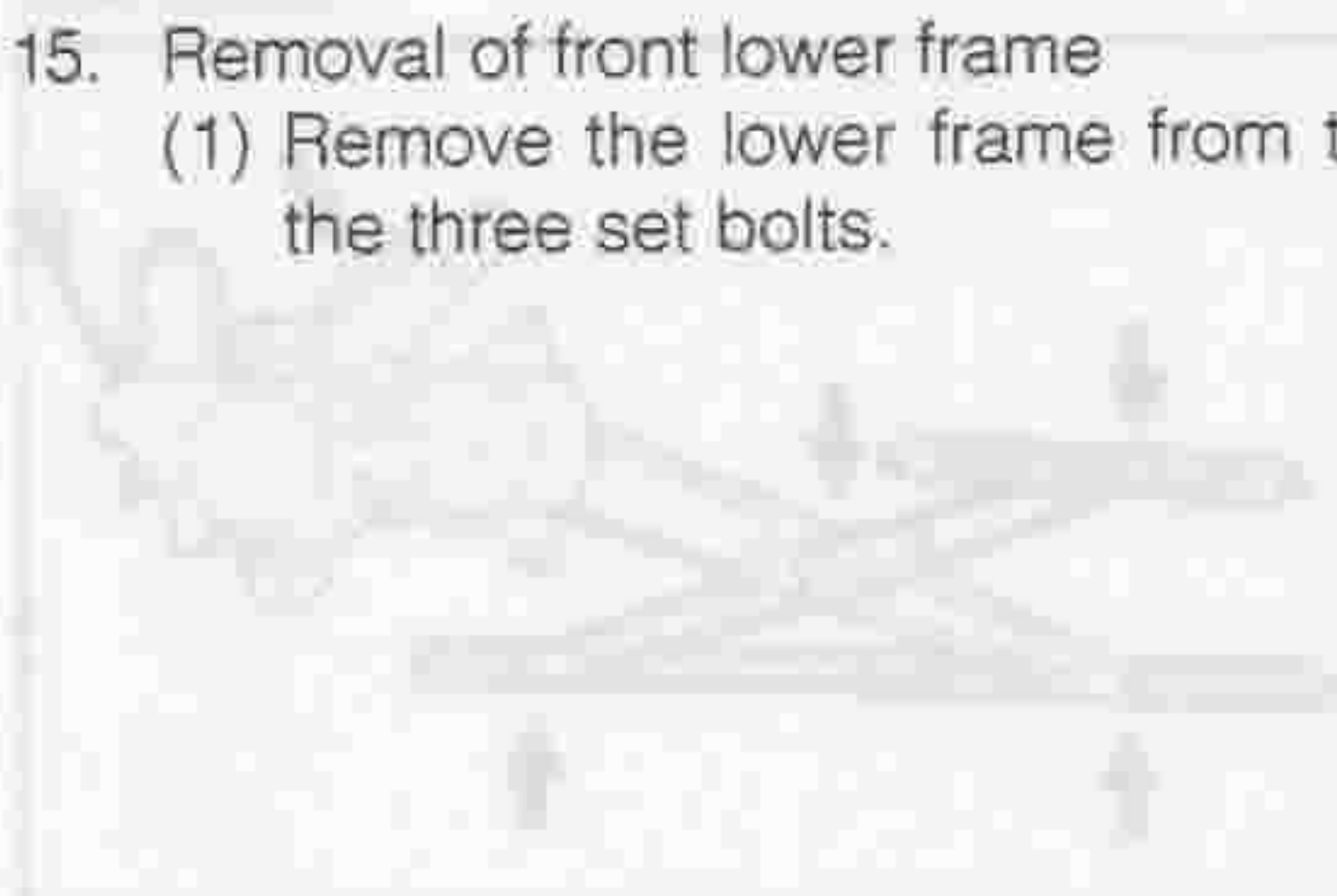
- (1) Disconnect the connector of the outer rear-view mirror.
- (2) Remove the mirror from the door panel by removing the three set nuts.



LBO00032-00030

15. Removal of front lower frame

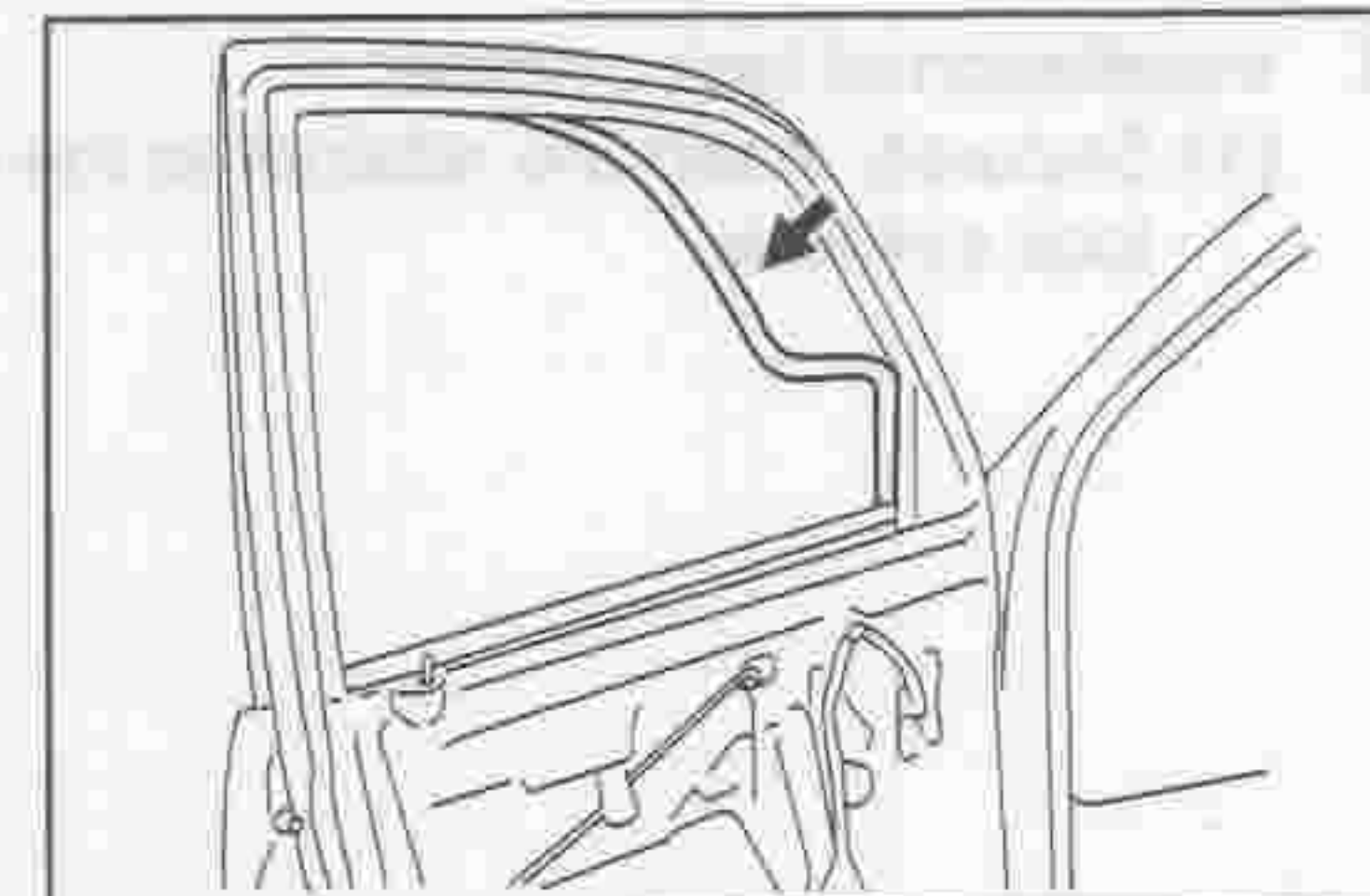
- (1) Remove the lower frame from the panel by removing the three set bolts.



LBO00033-00031

16. Removal of door glass run

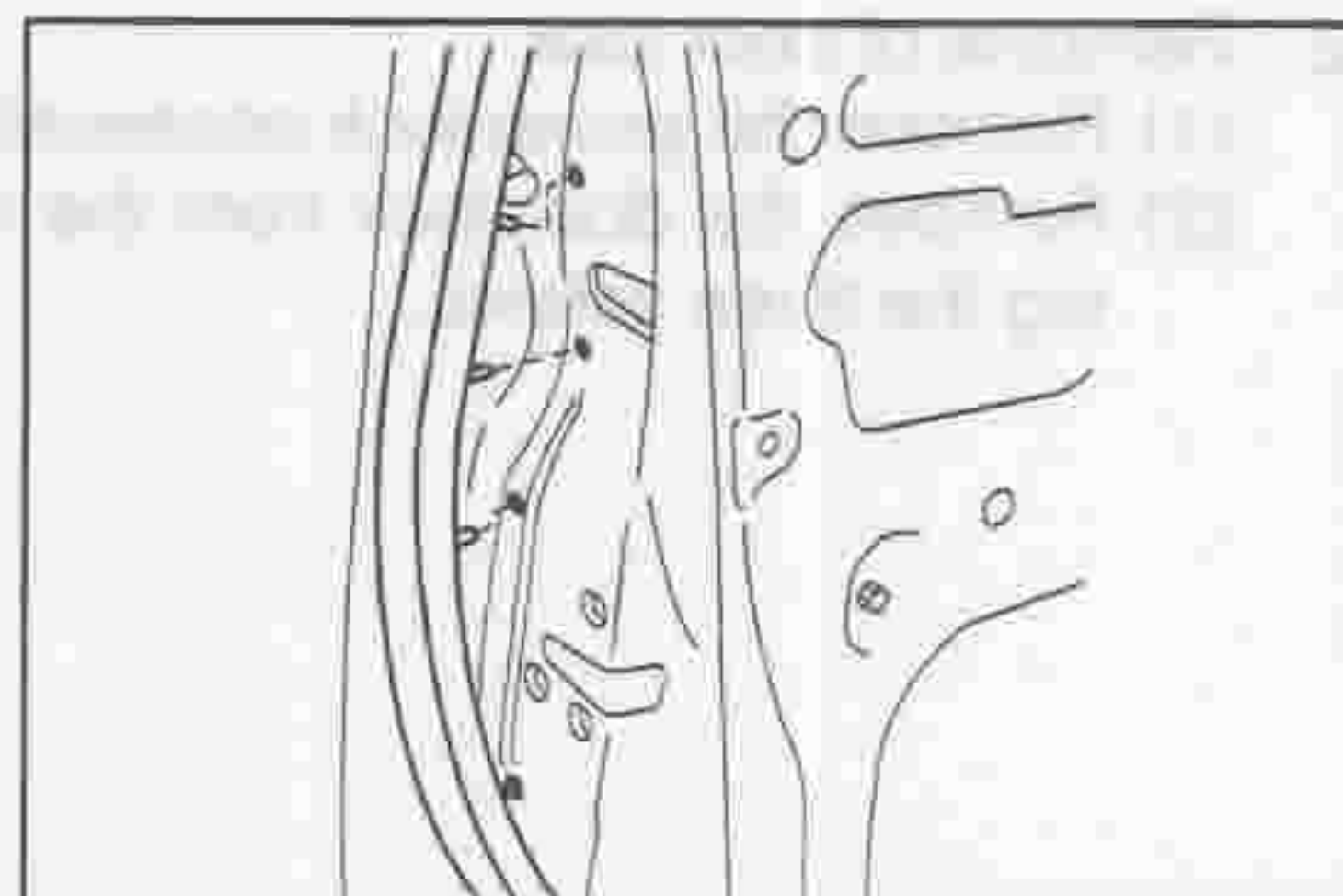
- (1) Pull out the glass run from the door frame.



LBO00034-00032

17. Removal of door weatherstrip

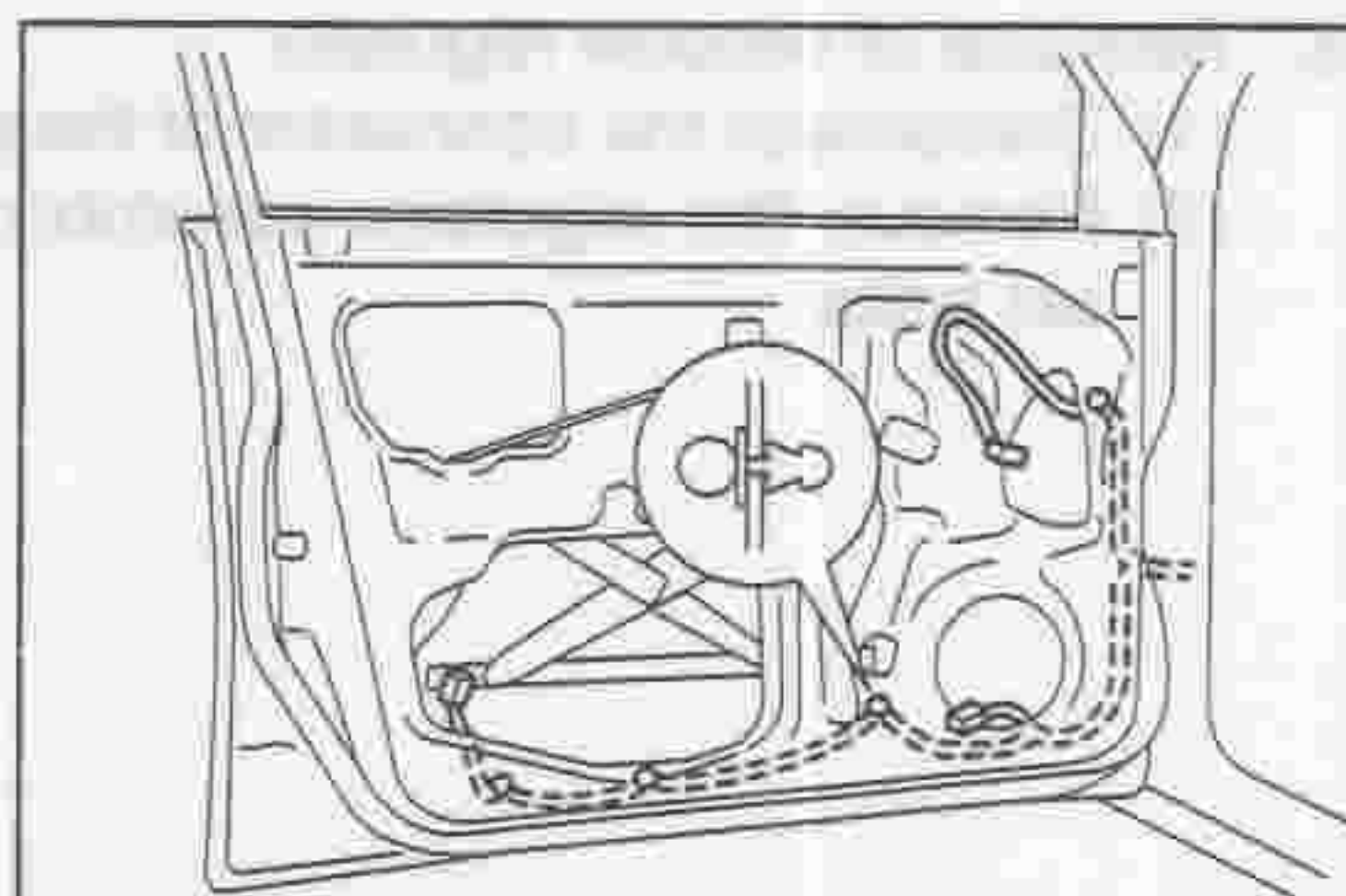
- (1) Remove the clips from the door panel. Remove the weatherstrip.



LBO00035-00033

18. Removal of front door wiring harness

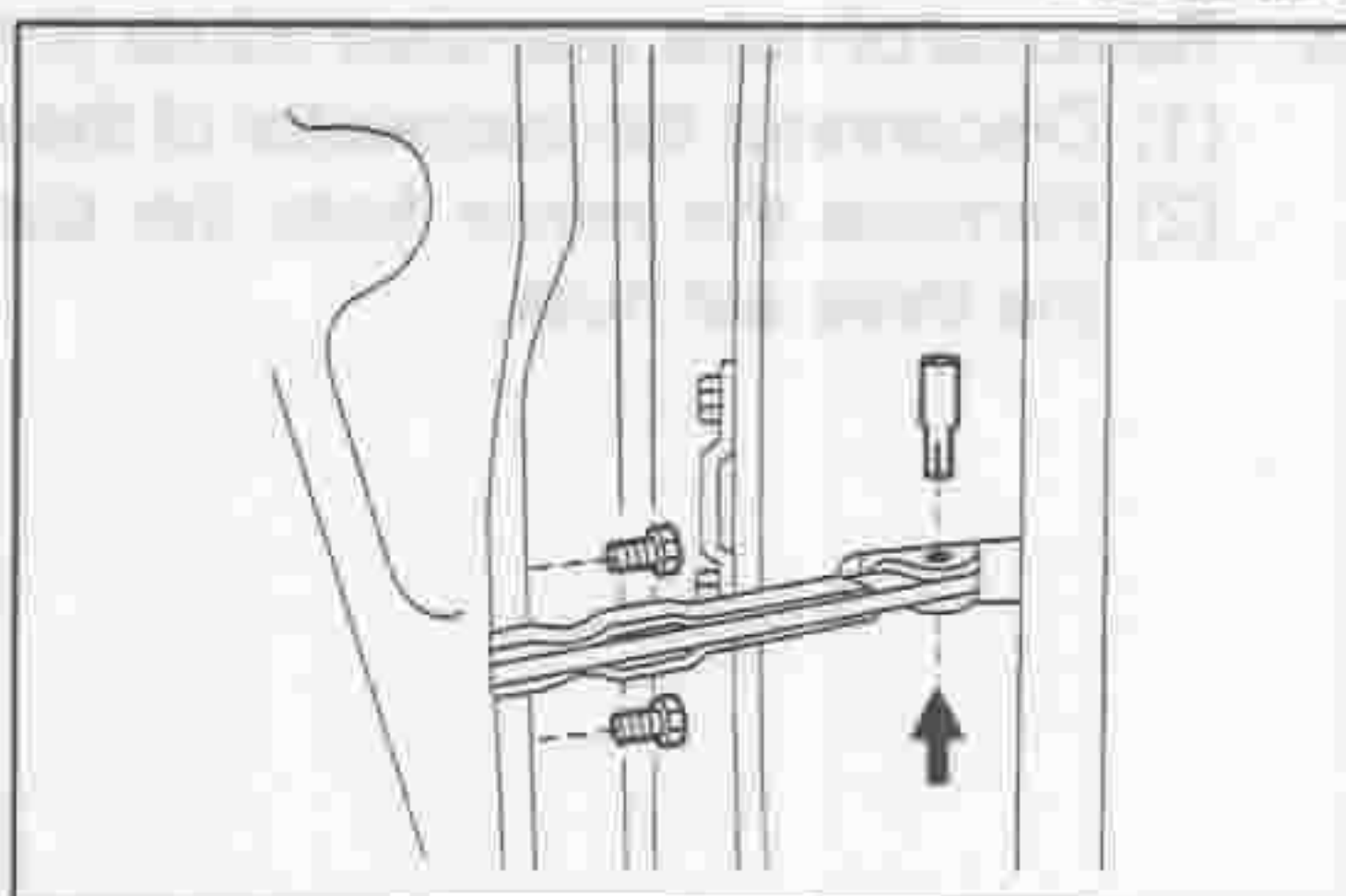
- (1) Remove the harness clamp from the door panel.



LBO00036-00034

19. Removal of front door check

- (1) Drive out the pin upward with a pin punch.
- (2) Remove the door check by removing the two set bolts.

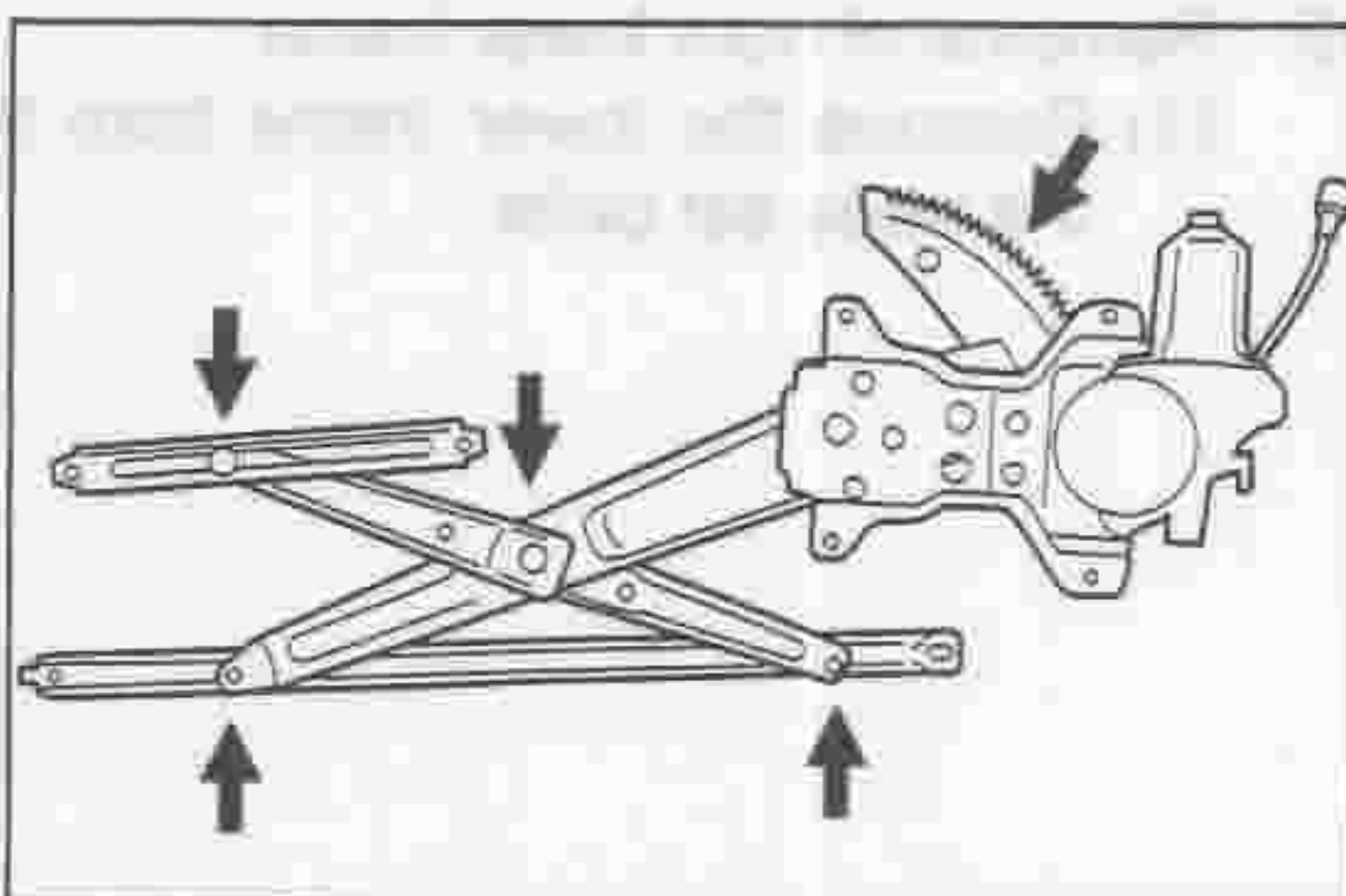


LBO00037-00035

ASSEMBLY

1. Apply MP grease to the moving section of each part prior to the assembly.

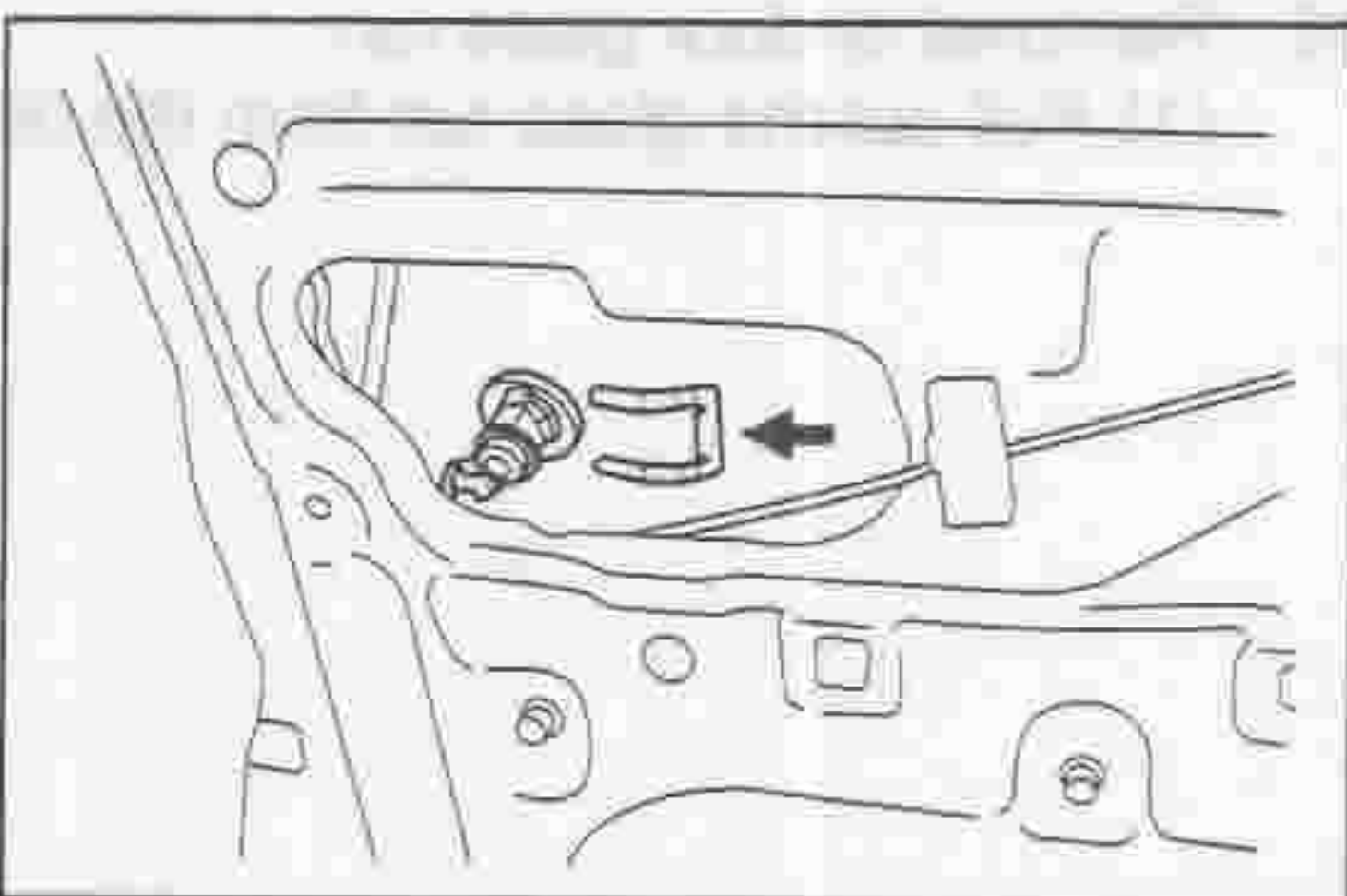
- (1) Rotating sections, such as roller section of regulator
- (2) Sliding section of door lock



LBO00038-00036

2. Installation of lock cylinder

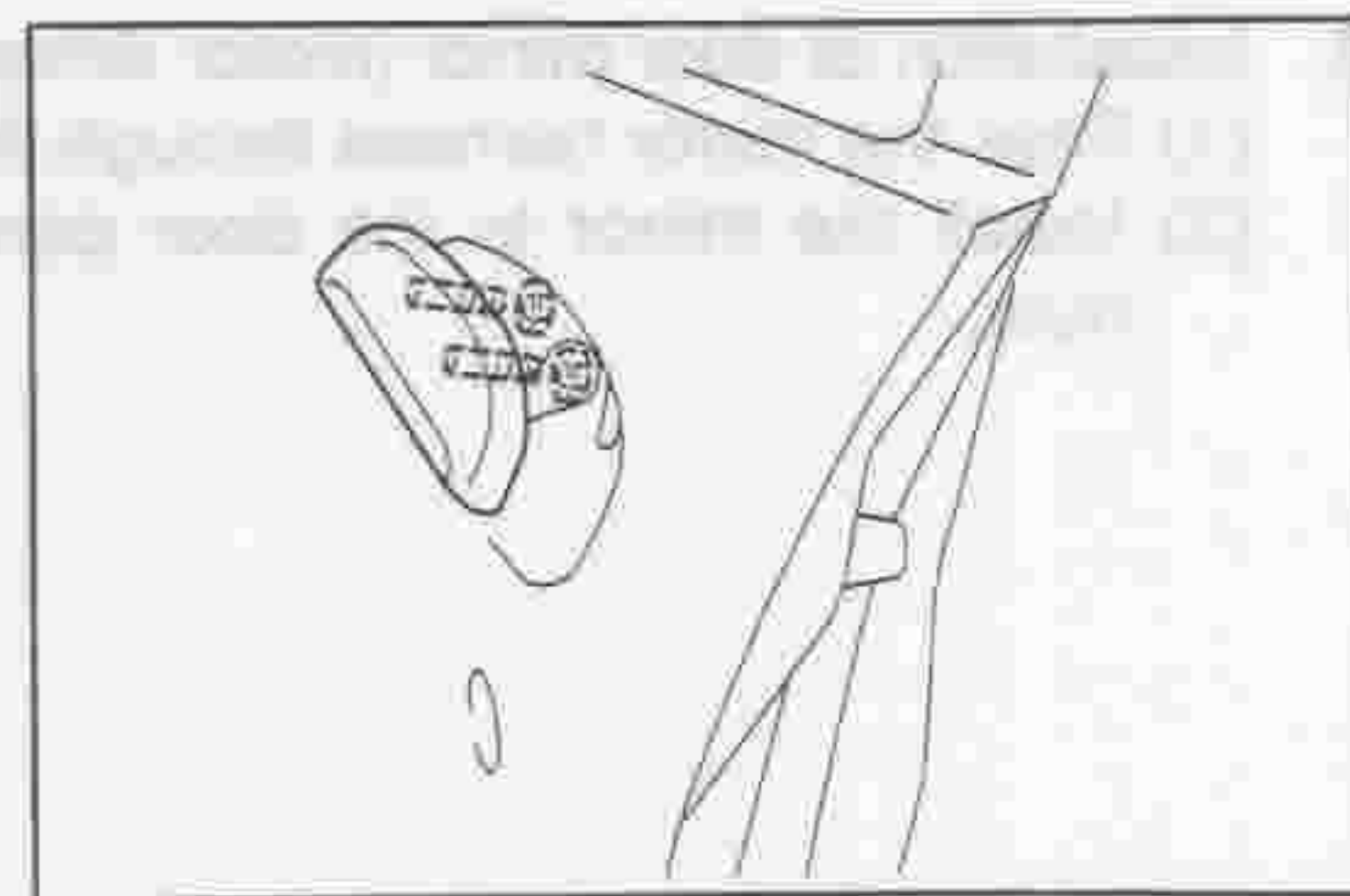
- (1) Securely insert the retainer to the groove section of the lock cylinder.



LBO00039-00037

3. Installation of outside handle

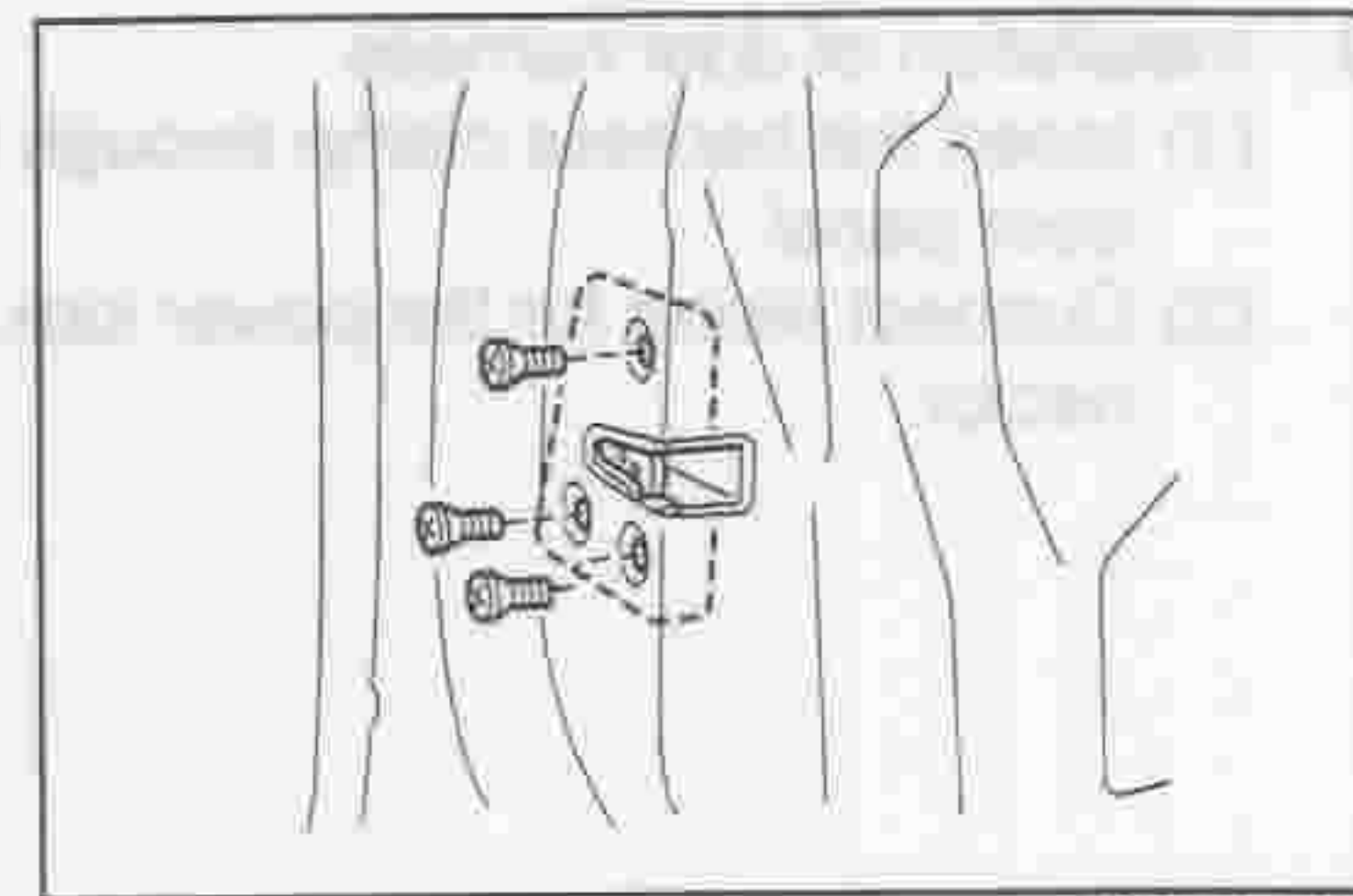
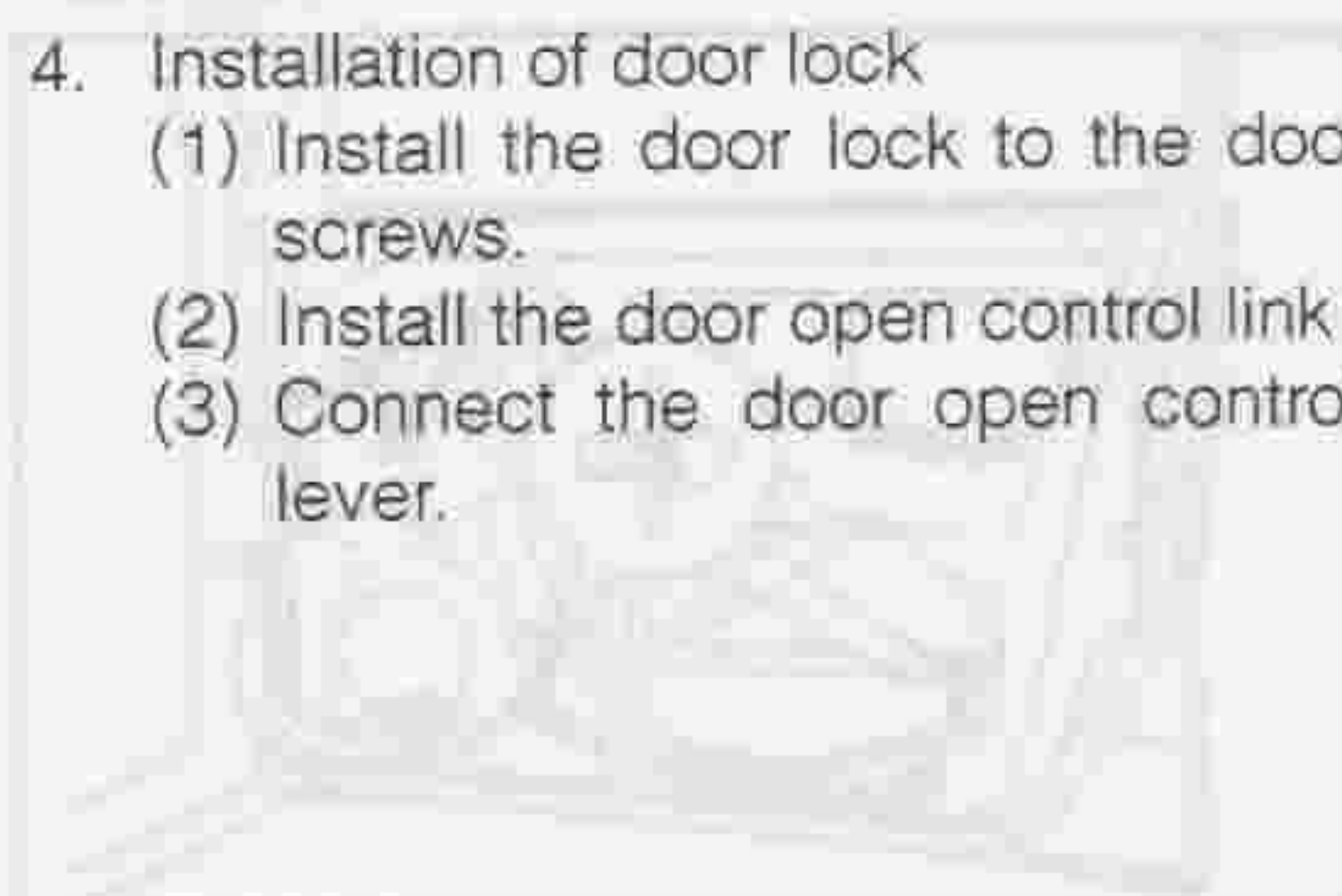
- (1) Install the handle to the door panel with the two set nuts.



LBO00040-00038

4. Installation of door lock

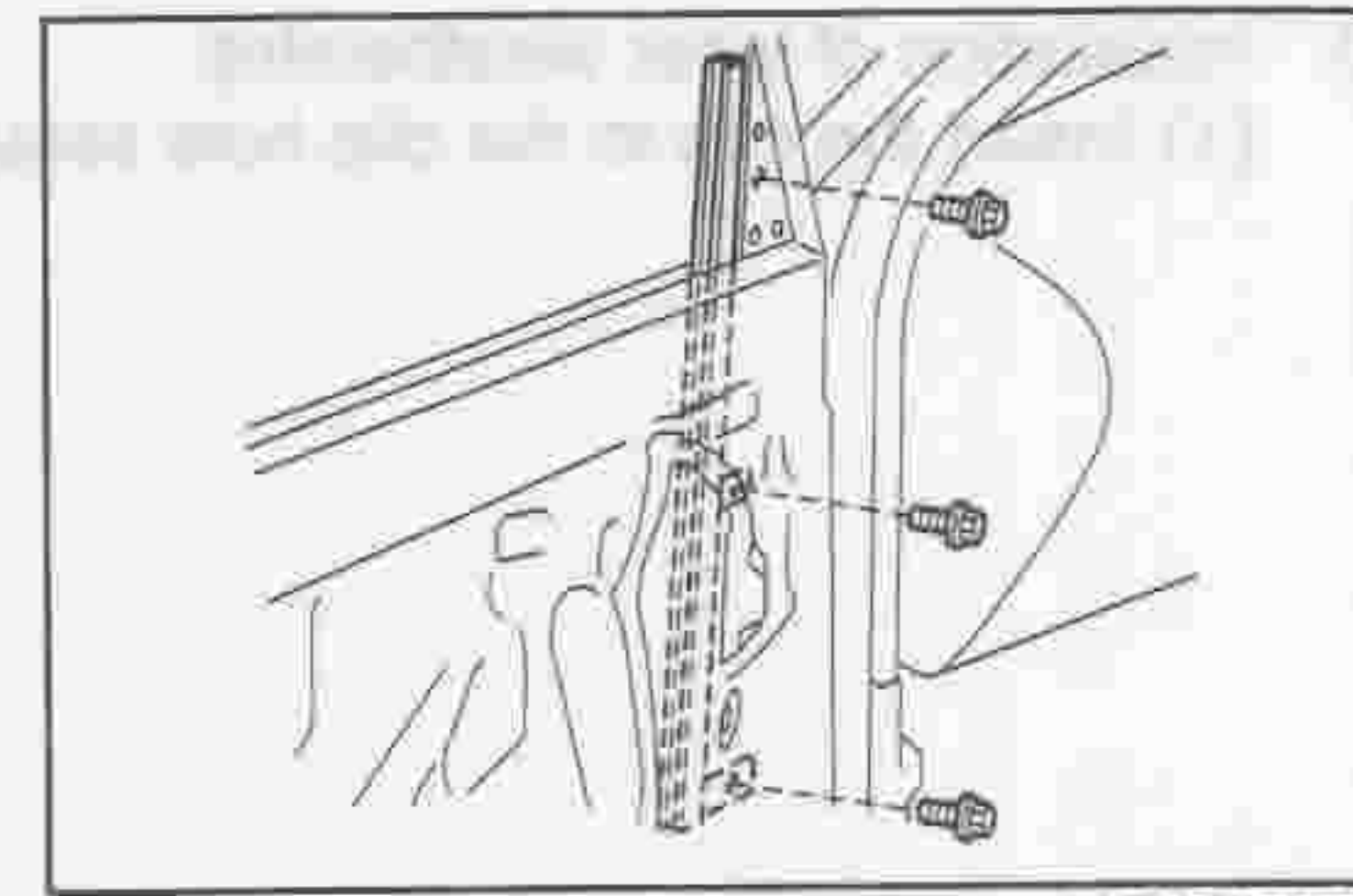
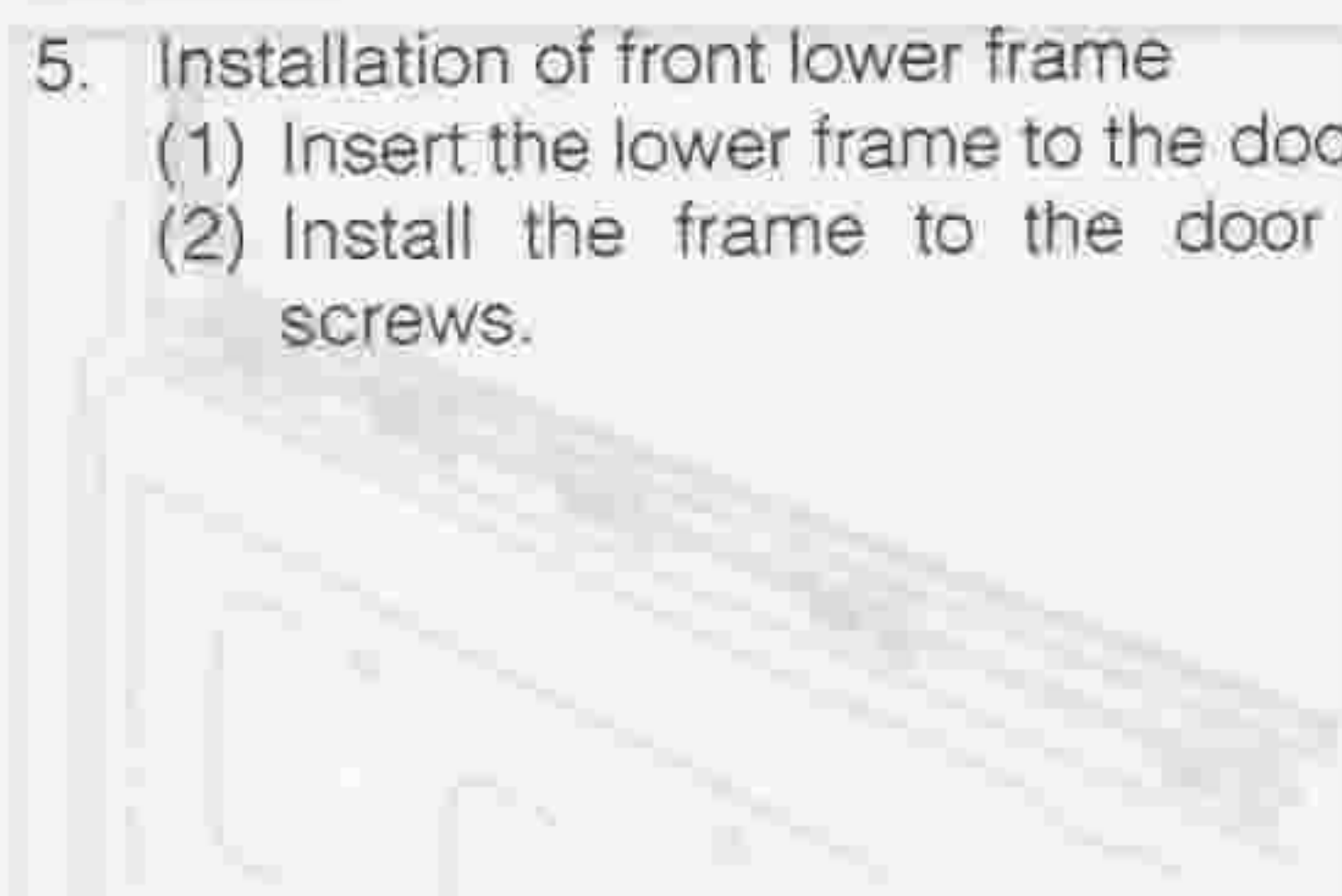
- (1) Install the door lock to the door panel with the three screws.
 (2) Install the door open control link to the lock cylinder.
 (3) Connect the door open control link with the handle lever.



LBO00041-00039

5. Installation of front lower frame

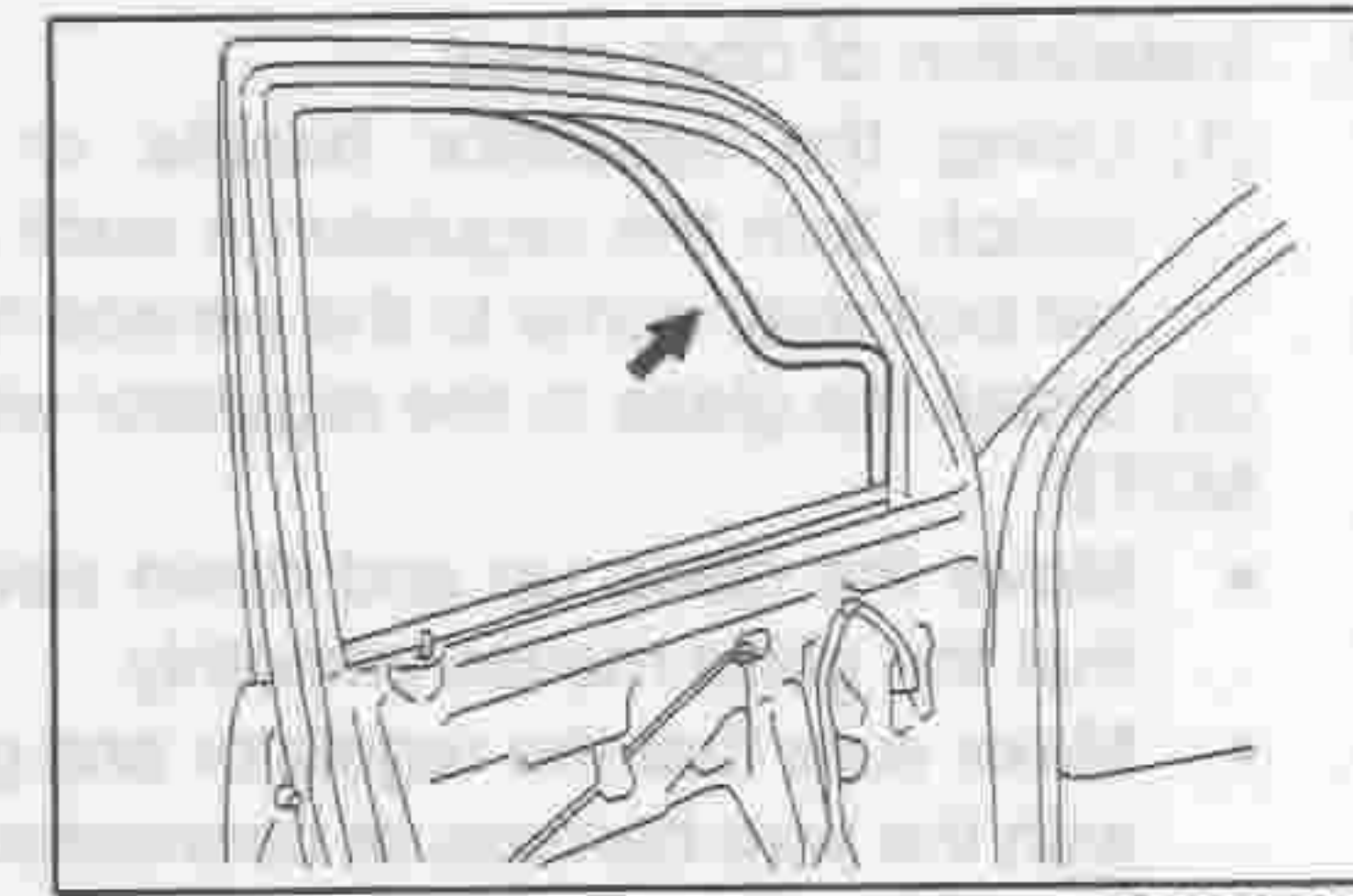
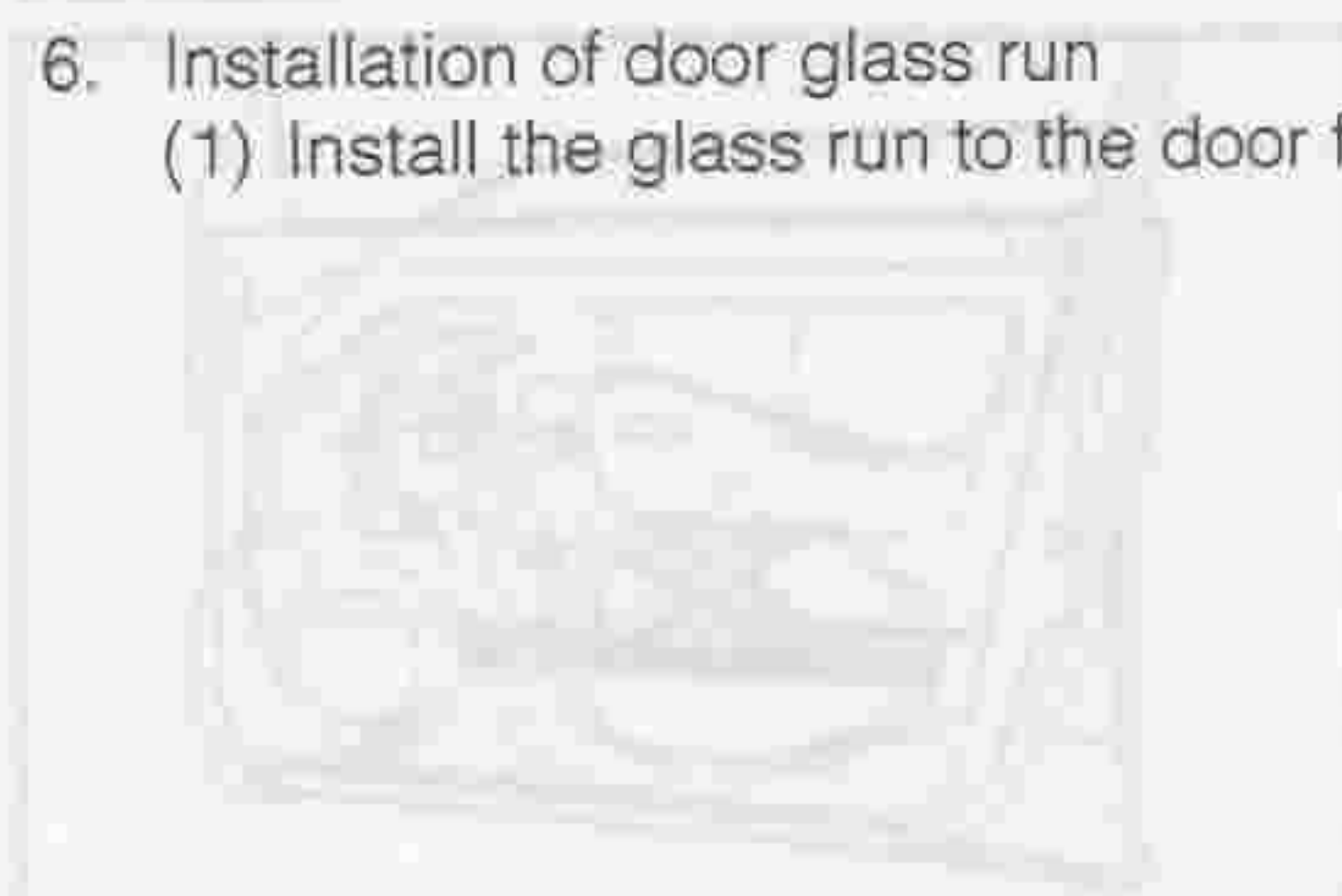
- (1) Insert the lower frame to the door frame.
 (2) Install the frame to the door panel with the three screws.



LBO00042-00040

6. Installation of door glass run

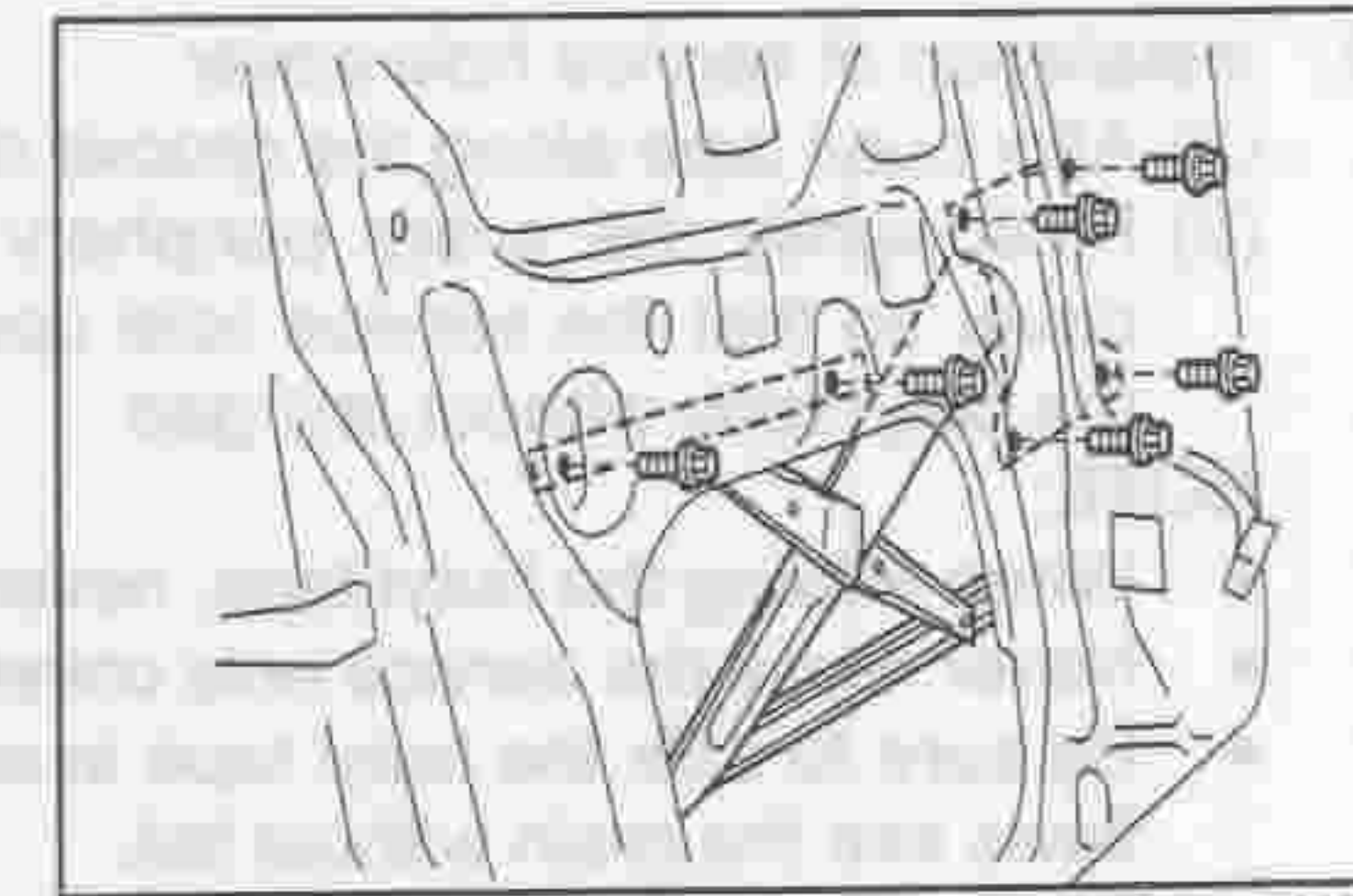
- (1) Install the glass run to the door frame.



LBO00043-00041

7. Installation of door window regulator

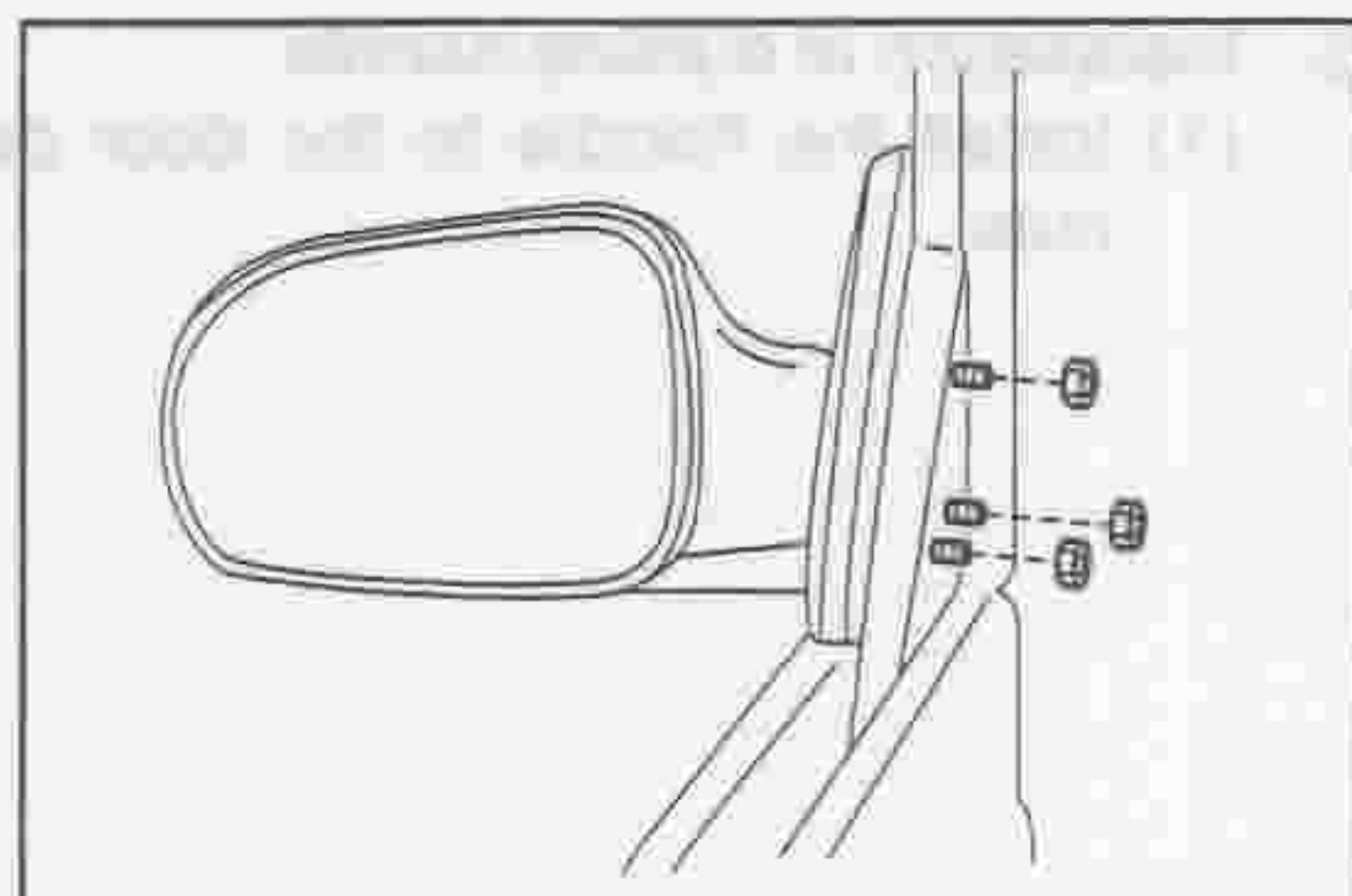
- (1) Install the regulator assembly to the door panel.



LBO00044-00042

8. Installation of door mirror (motor driven type)

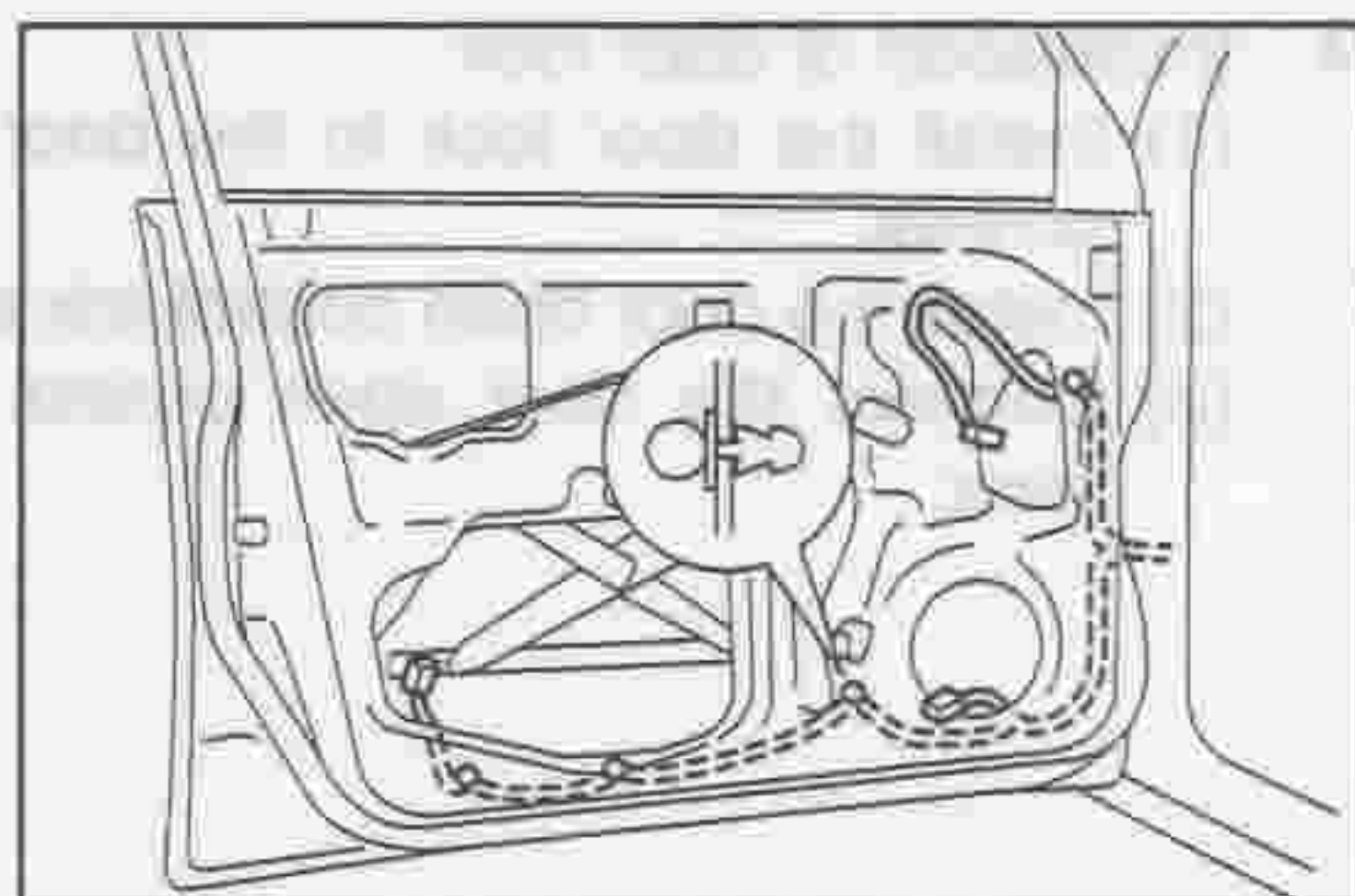
- (1) Pass the mirror harness through the door panel.
- (2) Install the mirror to the door panel with the three set nuts.



LBO00045-00043

9. Installation of door harness

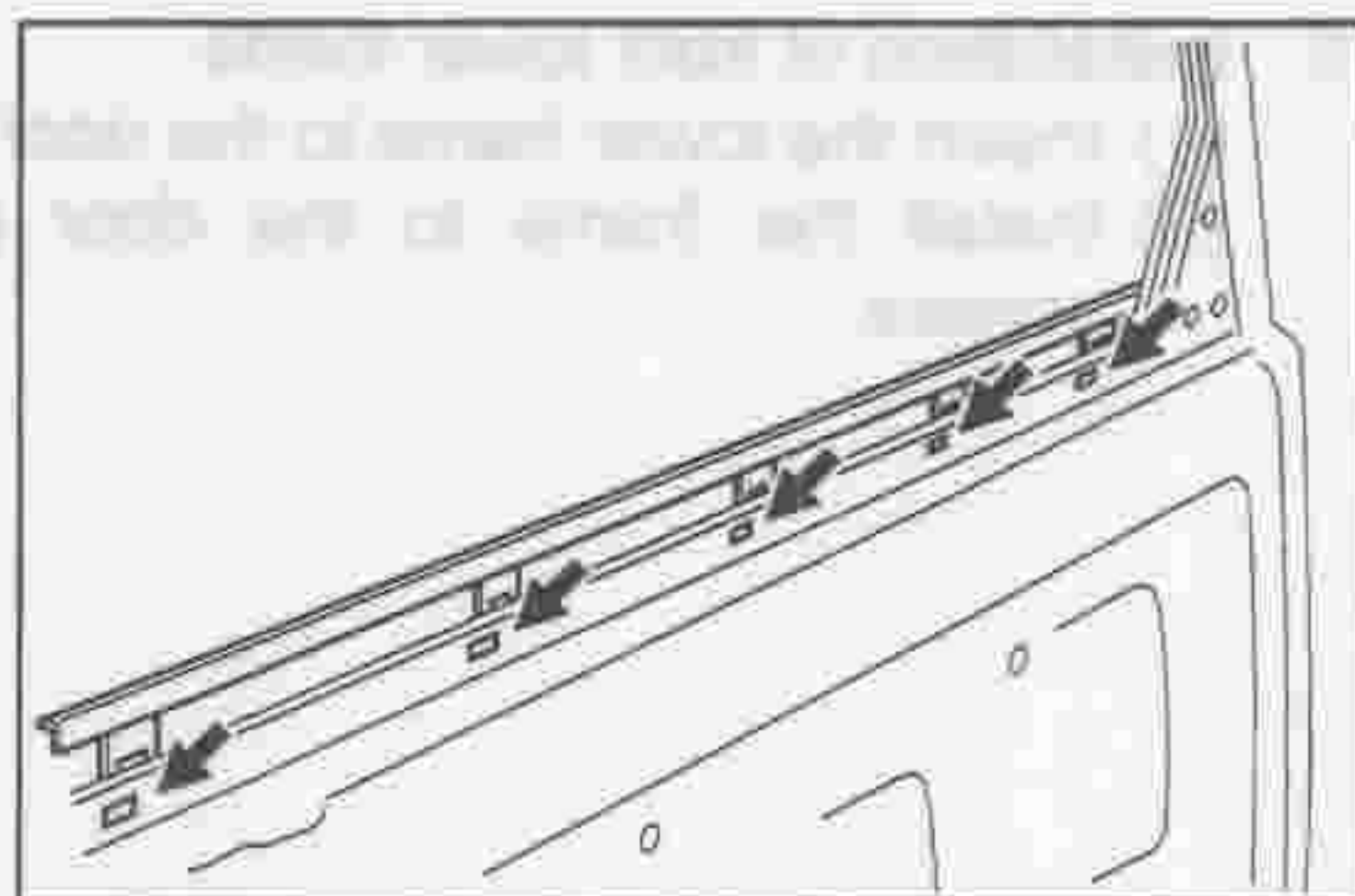
- (1) Insert the harness clamp through the clamp hole of the door panel.
- (2) Connect wiring for the power lock and door mirror connector.



LBO00046-00044

10. Installation of inner weatherstrip

- (1) Insert the clip to the clip hole securely.



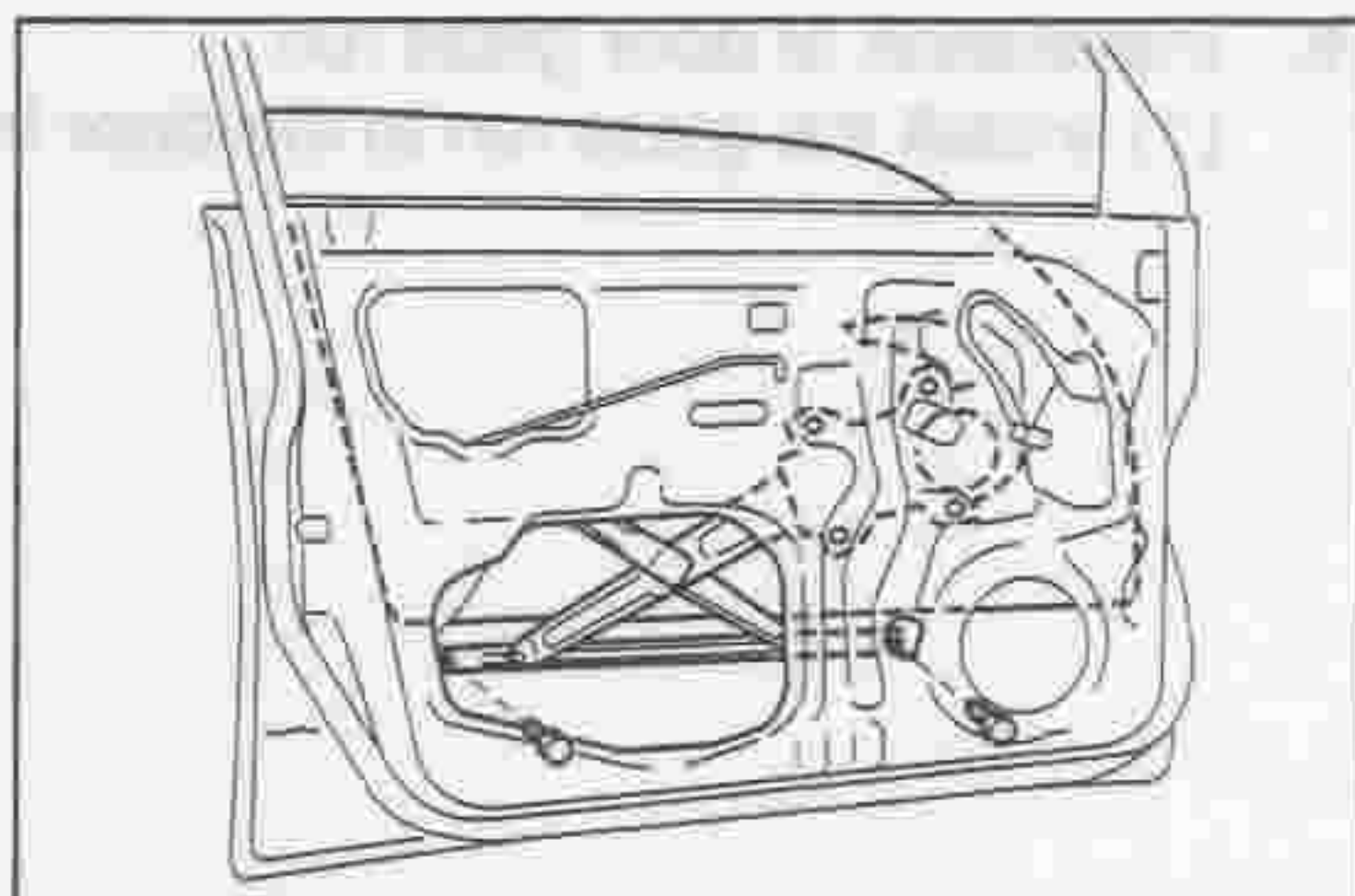
LBO00047-00045

11. Installation of door glass

- (1) Using the regulator handle or the power window switch, turn the regulator in such a way that the glass set bolt may come to the service hole position.
- (2) Install the glass to the regulator with the two set bolts.

NOTE:

- Move the glass up and down several times to ensure that the glass moves smoothly.
- Make sure that the regulator and glass will not interfere with the wire harness or connector.



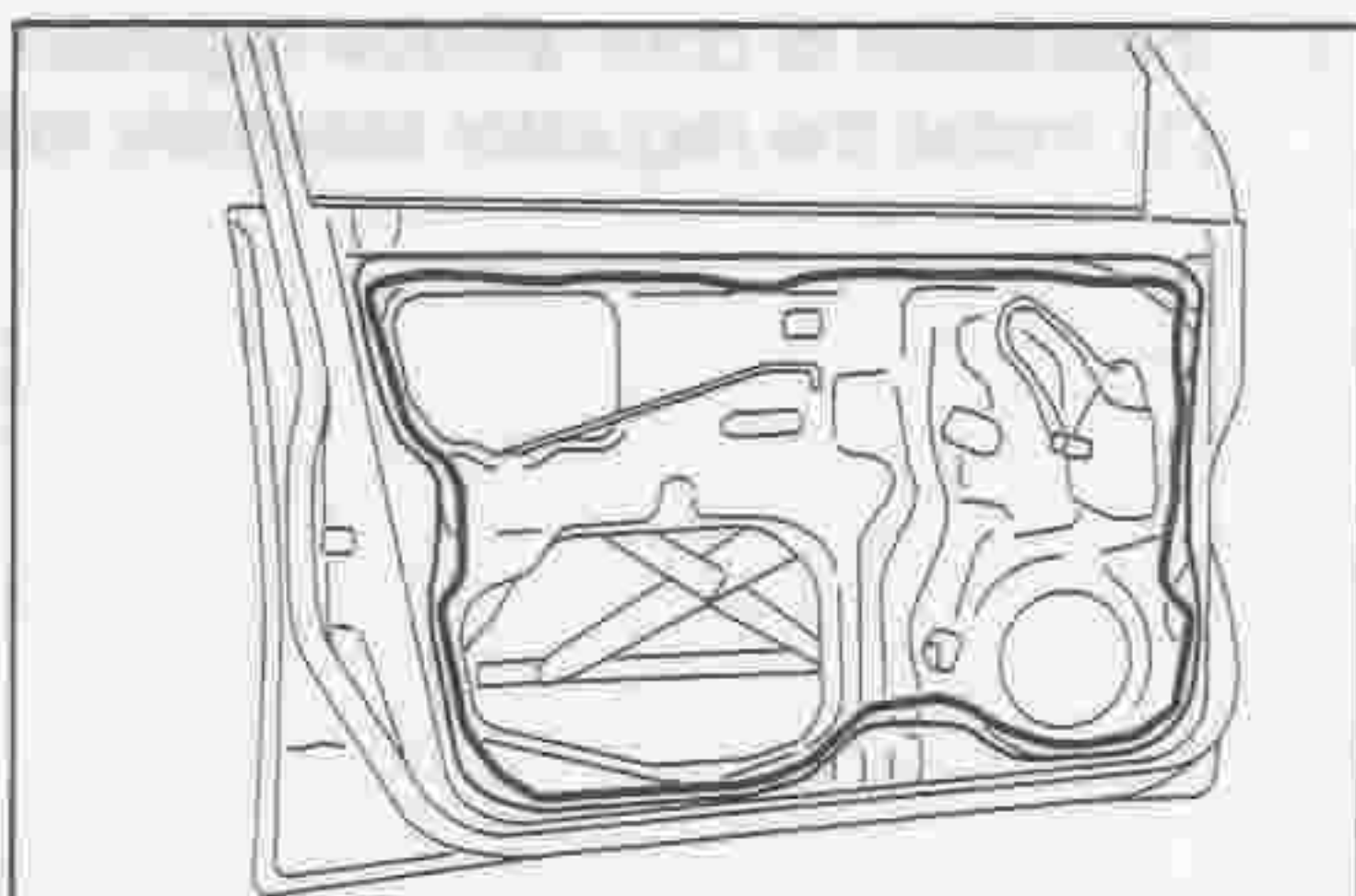
LBO00048-00046

12. Installation of service hole cover

- (1) Affix butyl tape along the groove of the door panel.
- (2) Push lightly the entire periphery of the service hole cover so that the service hole cover may contact with the butyl tape without any gap.

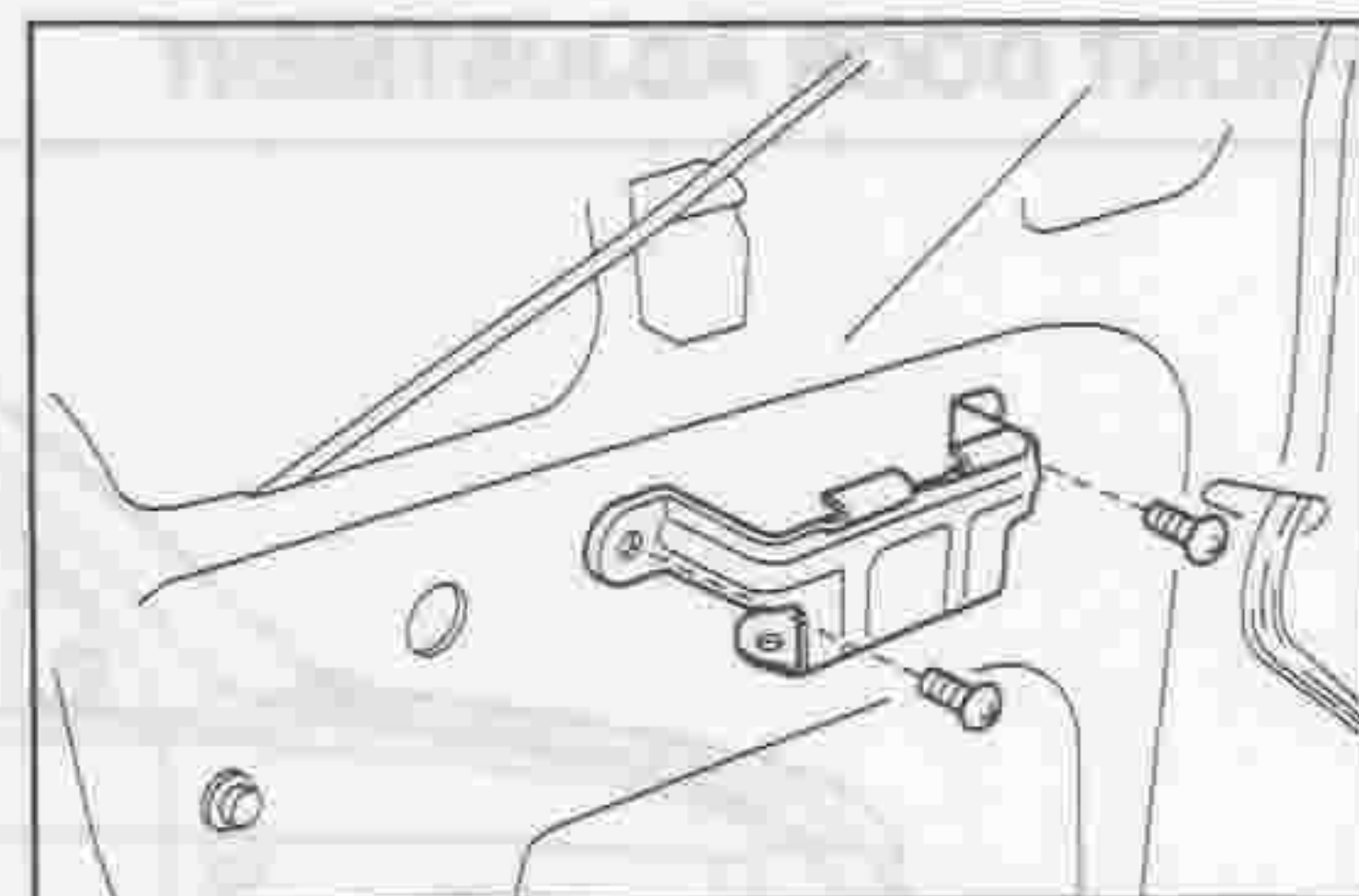
NOTE:

- When affixing the butyl tape, never stretch it.
- Never reuse the service hole cover if it has ruptured.
- Be sure to affix the butyl tape in such a way that water flows into the drain without fail.
- When affixing the tape, be careful not to make wrinkles.



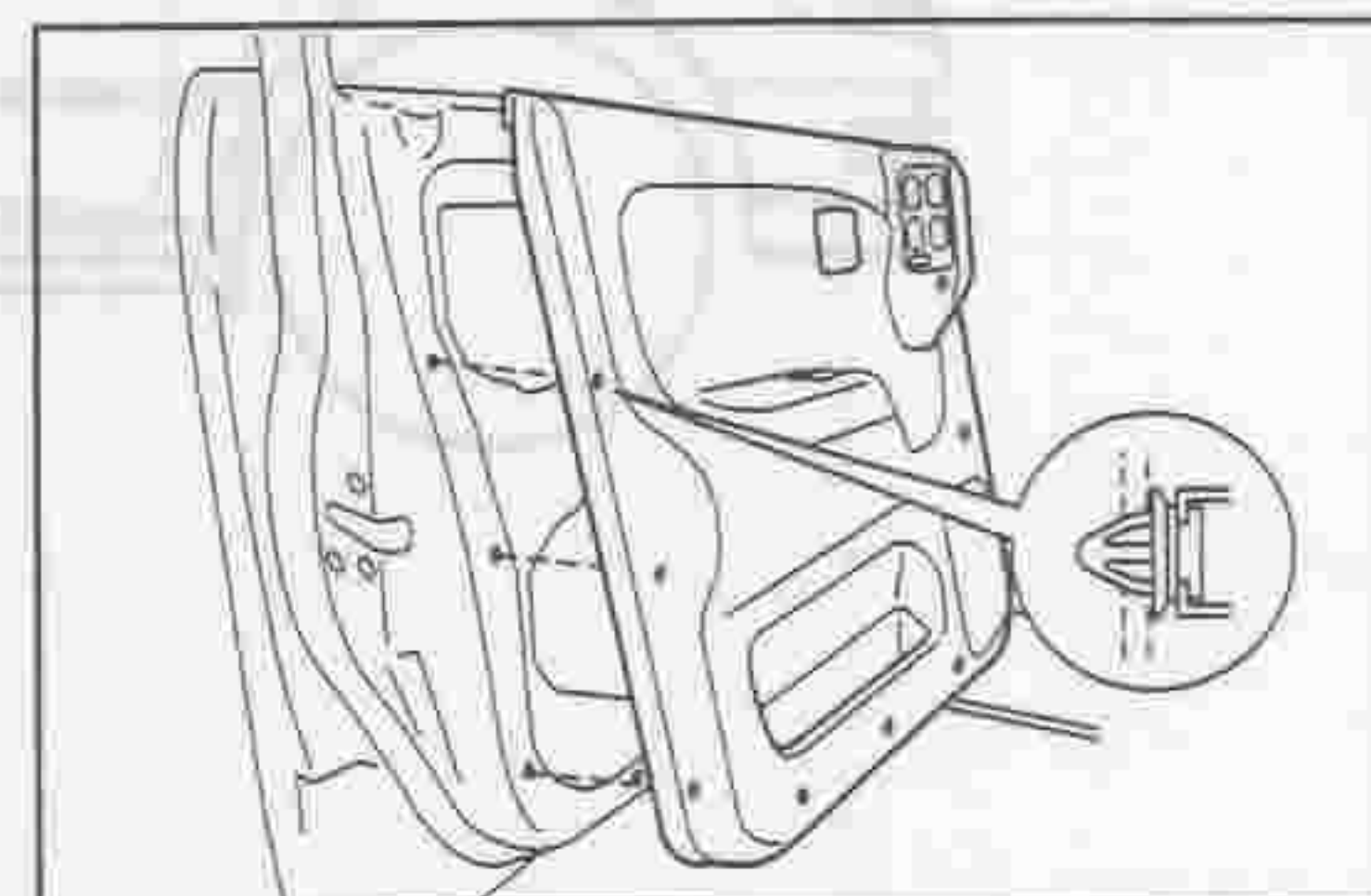
LBO00049-00047

13. Installation of inside handle and door trim No. 1 bracket
- (1) Connect the inside handle with the door opening control link.
 - (2) Install the door trim No. 1 bracket with the two screws.



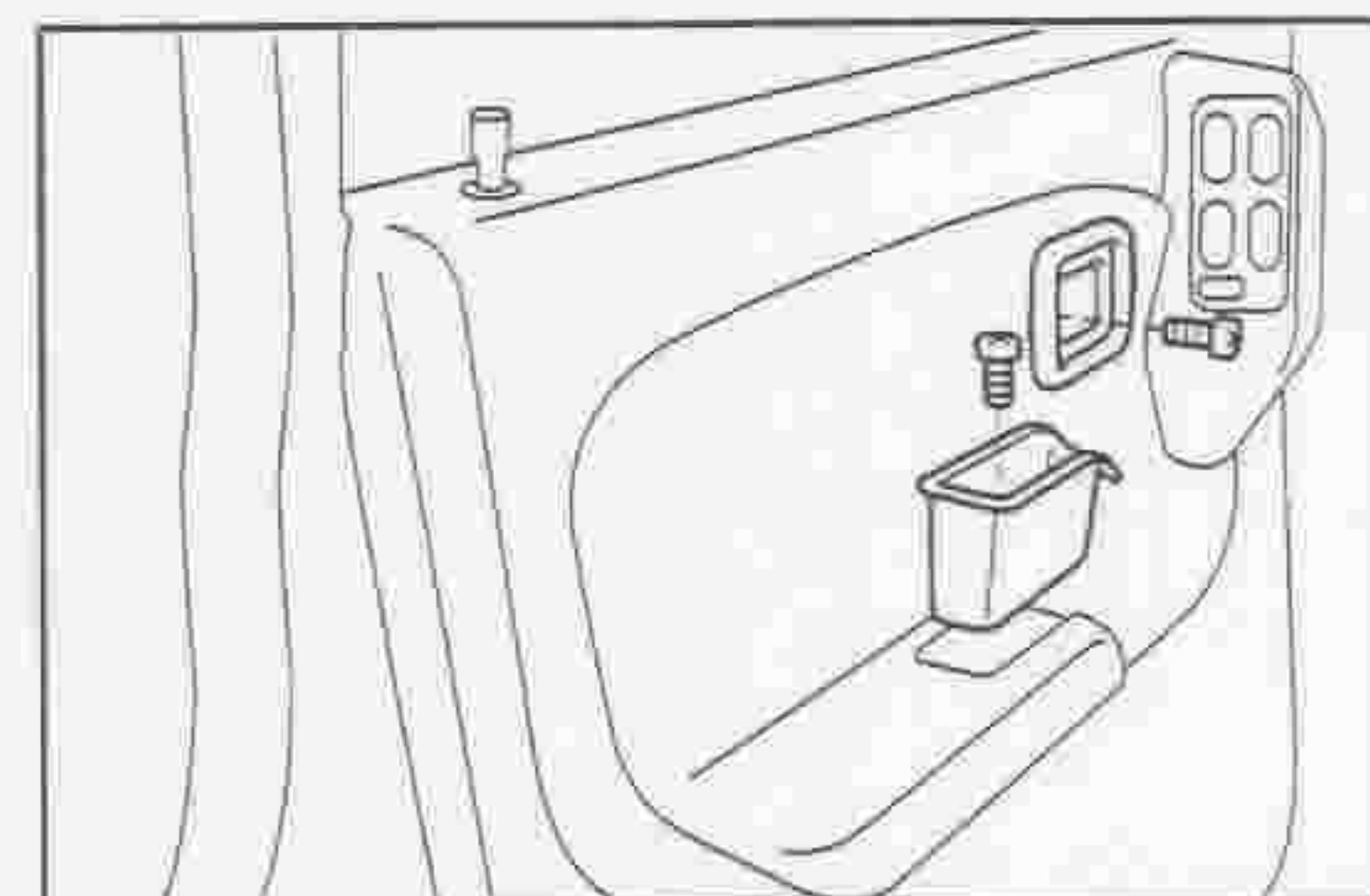
LBO00050-00048

14. Installation of door trim
- (1) Connect wiring at the connector of the power window switch.
 - (2) Securely insert the retainer of the door trim into the door panel.



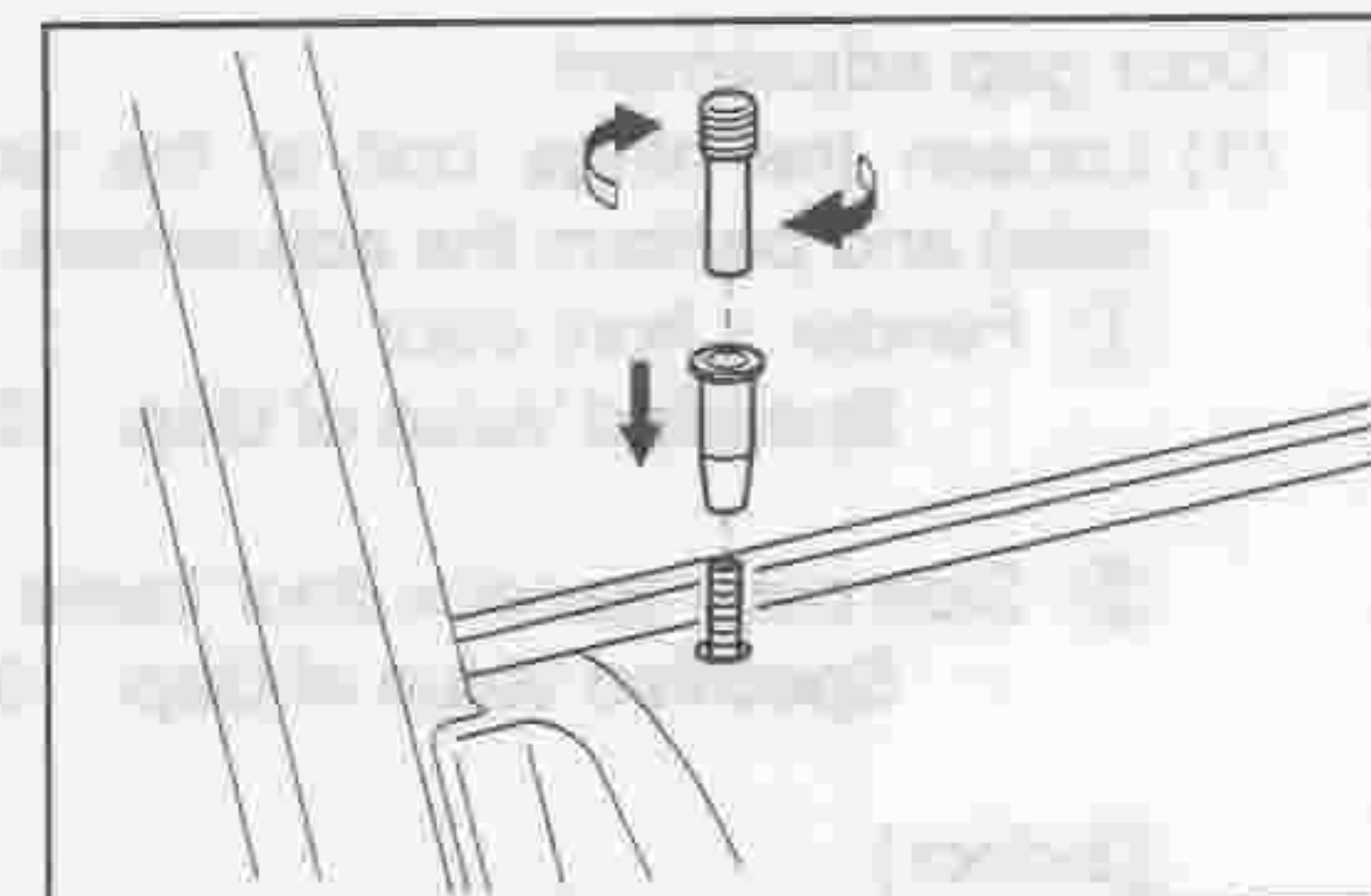
LBO00051-00049

15. Installation of inside handle and pull handle.
- (1) Install the inside handle and pull handle with the screws.



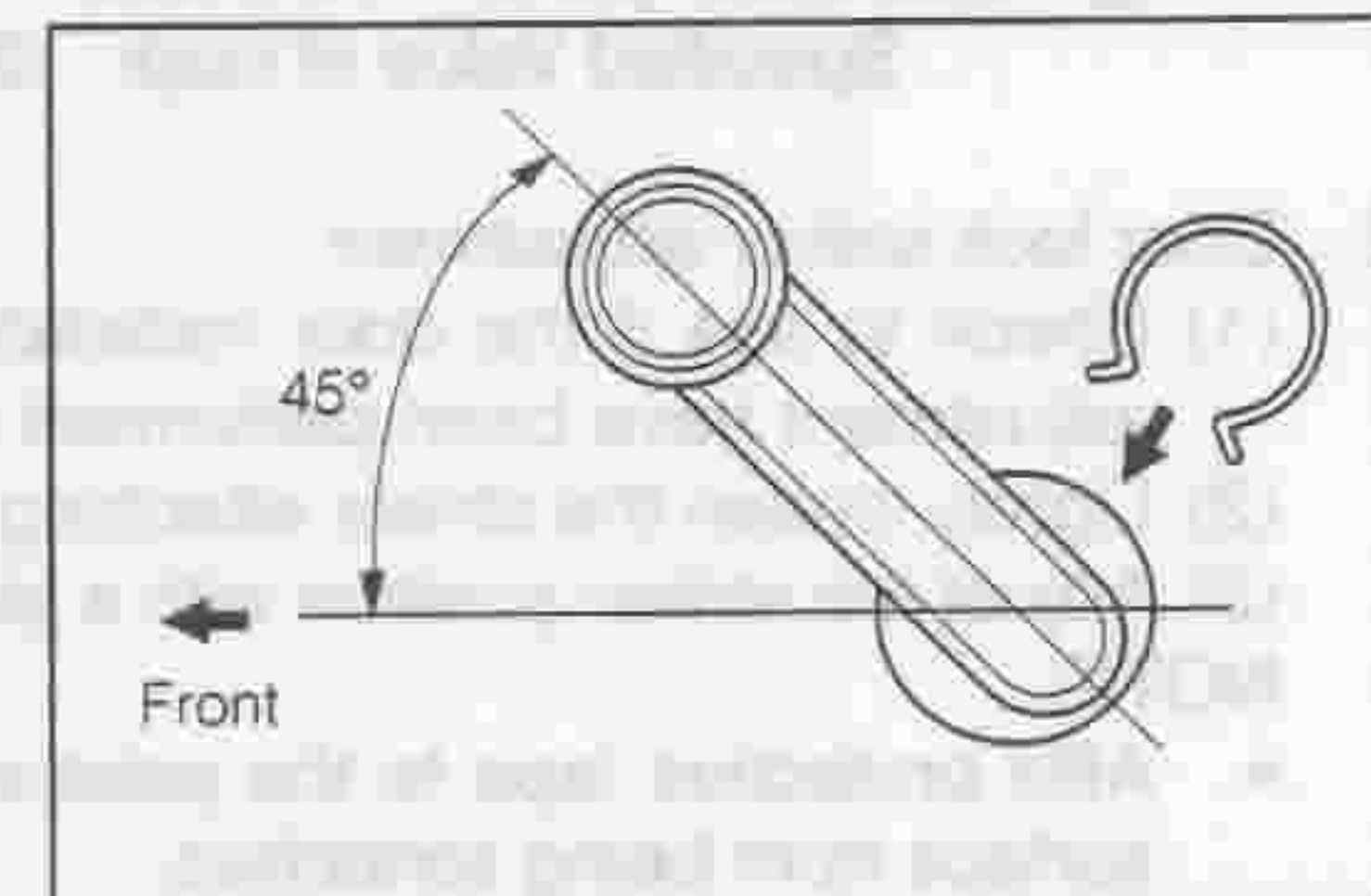
LBO00052-00050

16. Installation of door lock button
- (1) Insert the retainer into the trim.
 - (2) Install the lock button to the open control link.



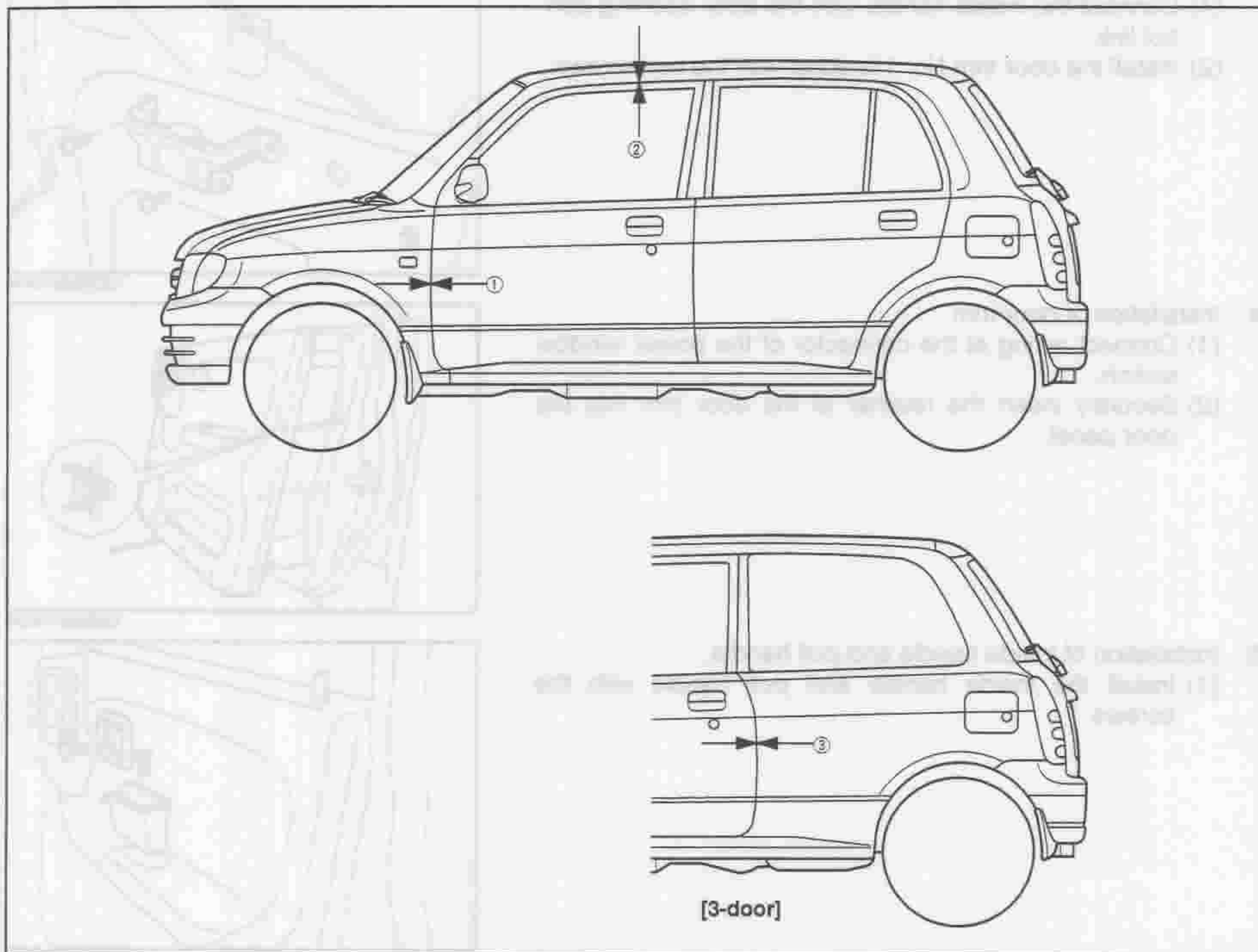
LBO00053-00051

17. Installation of regulator handle
- (1) Fully close the door glass.
 - (2) Install the handle at an angle shown in the right figure. Insert the snap ring.



LBO00054-00052

FRONT DOOR ADJUSTMENT



LBO00055-00053

1. Door gap adjustment

- (1) Loosen the hinge bolt at the body side (front pillar side) and perform the adjustment.

① Fender x front door

Specified Value of Gap: 3.2 - 6.2 mm

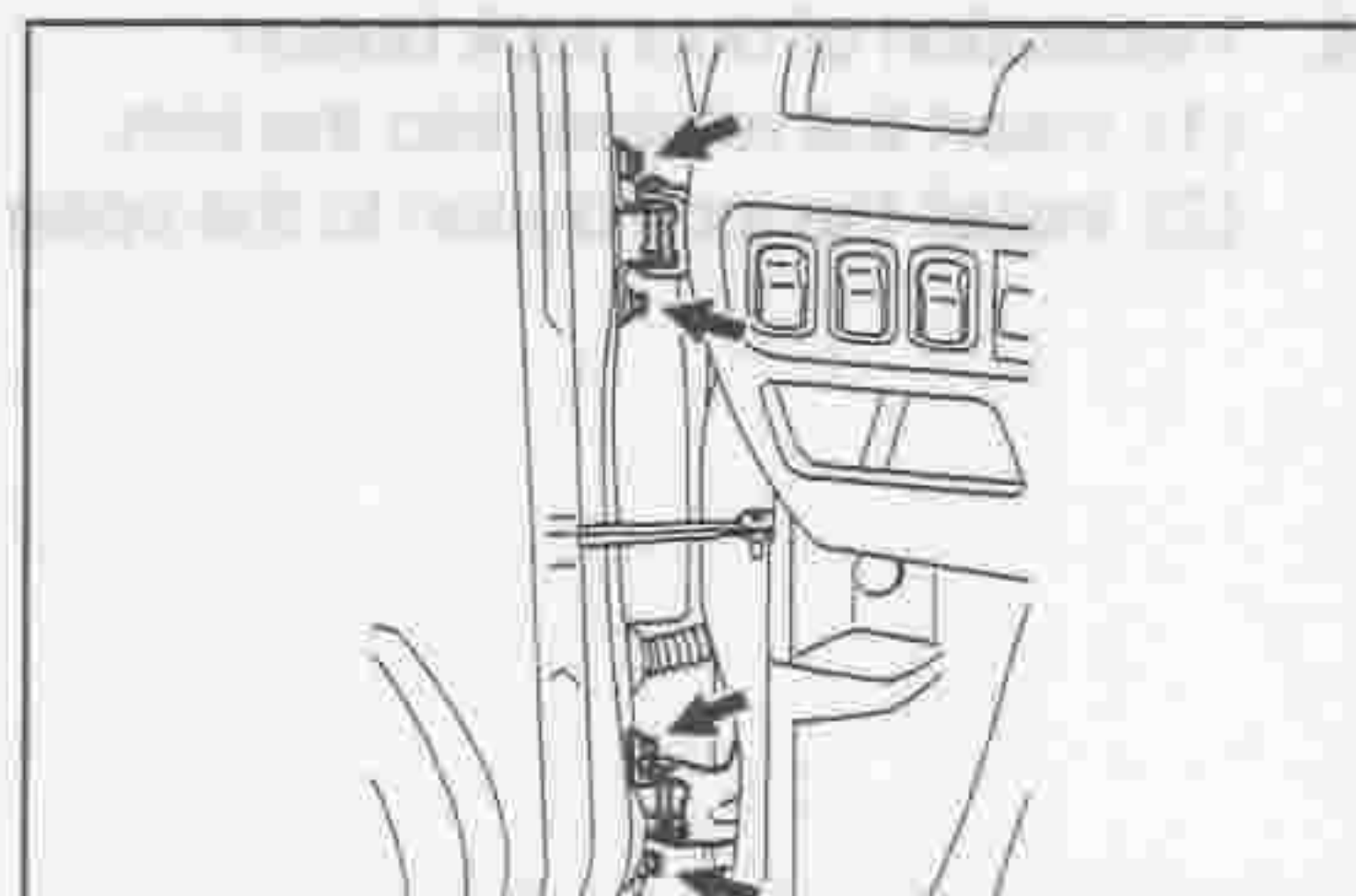
② Side outer panel x door frame

Specified Value of Gap: 3.8 - 6.8 mm

[3-door]

③ Side outer panel x front door

Specified Value of Gap: 3.1 - 6.1 mm



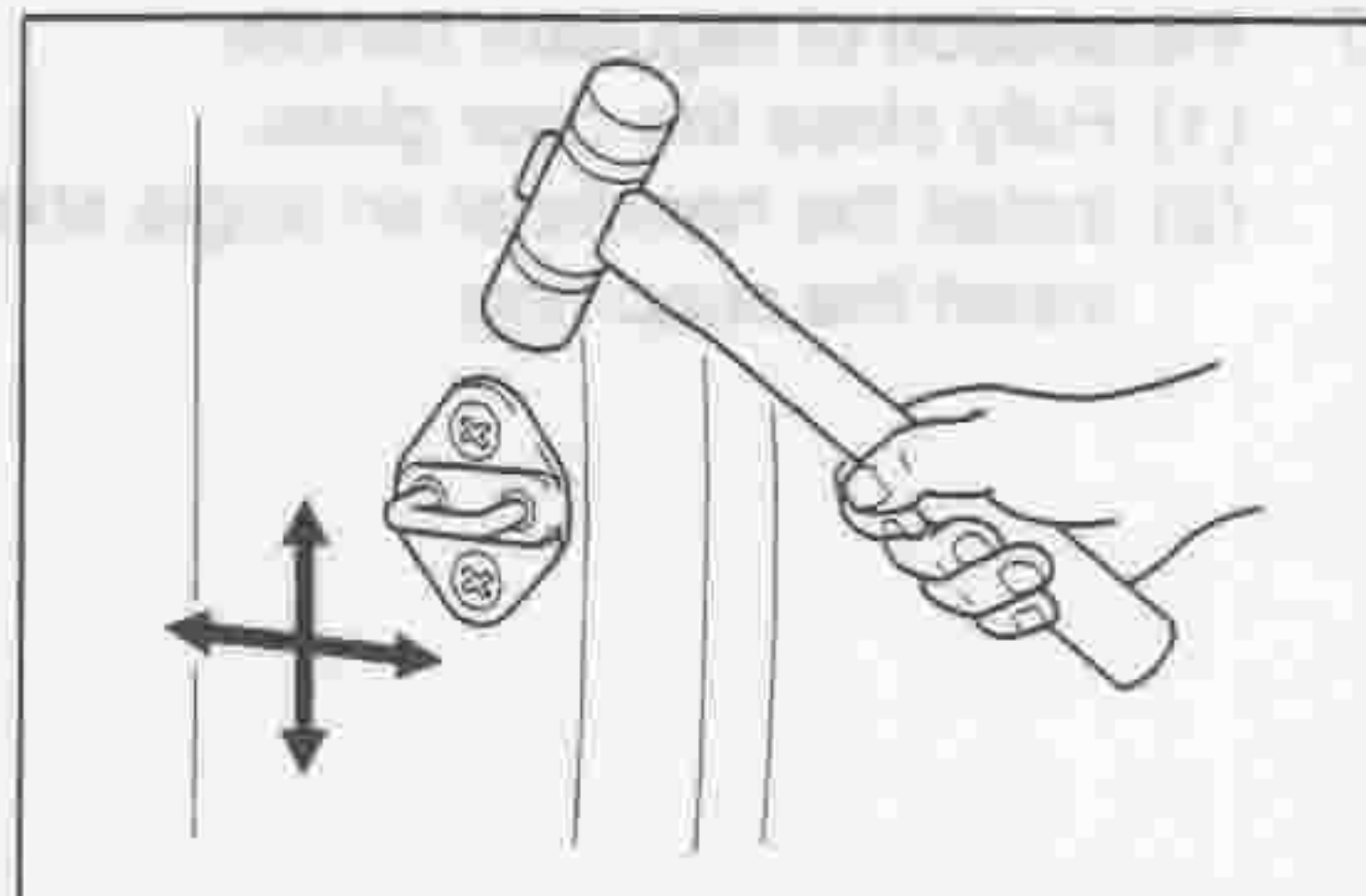
LBO00056-00054

2. Door lock striker adjustment

- (1) Check to see if the door installation and lock linkage adjustment have been performed correctly.
- (2) Lightly loosen the striker attaching bolt.
- (3) Adjust the striker position with a plastic hammer.

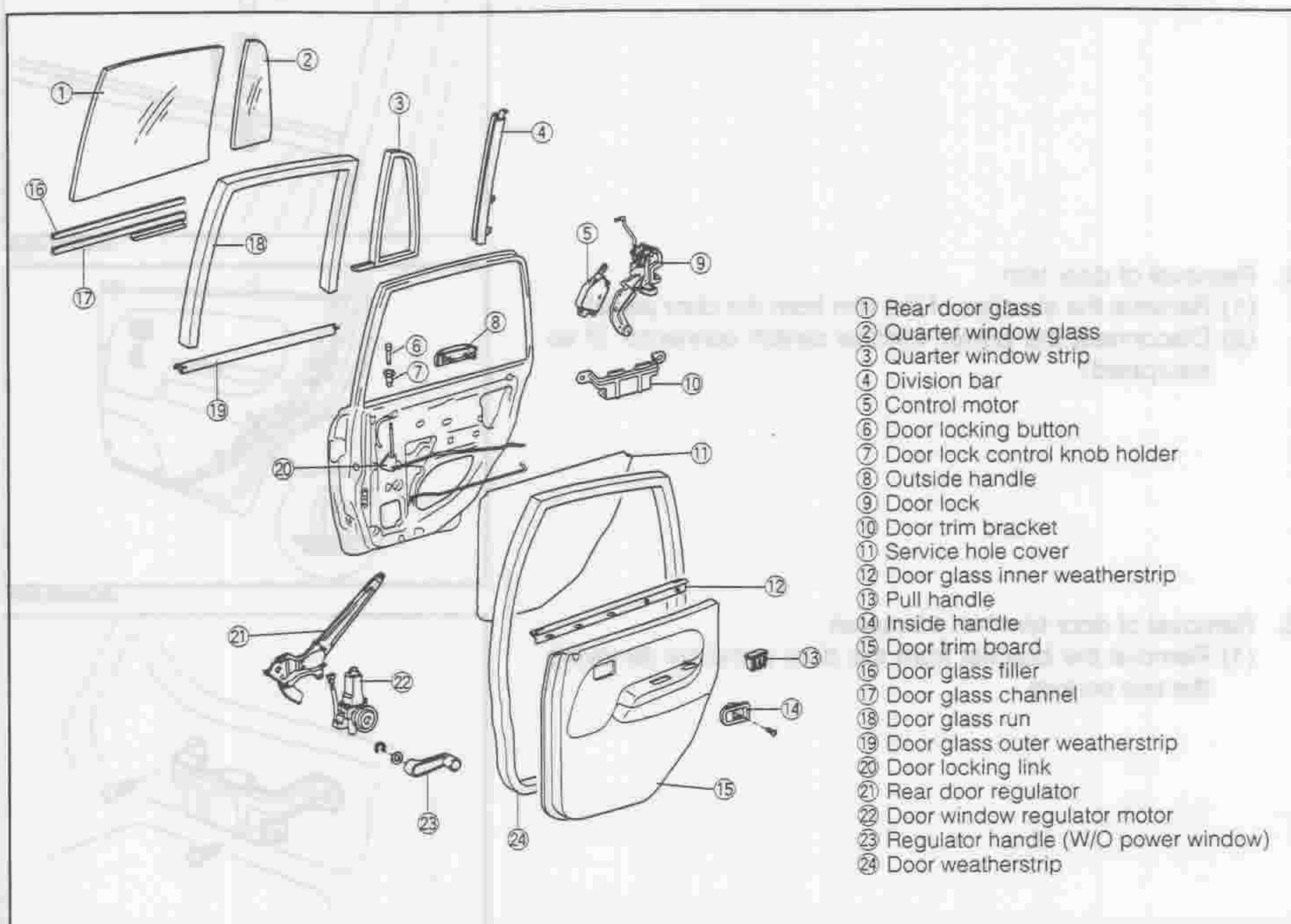
NOTE:

- Affix protective tape to the paint surface to protect the surface from being scratched.



LBO00057-00055

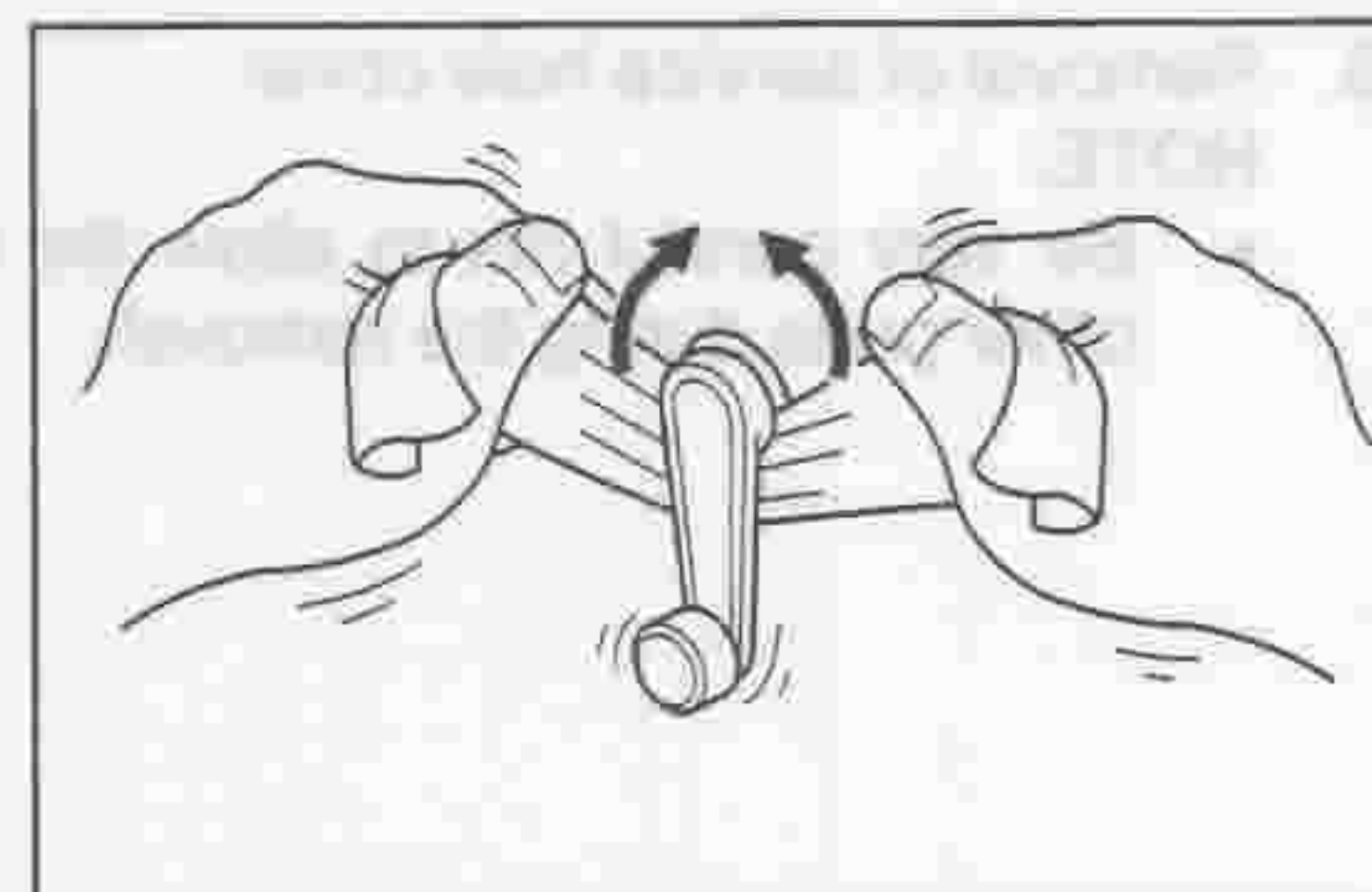
REAR DOOR COMPONENTS



LBO00058-00056

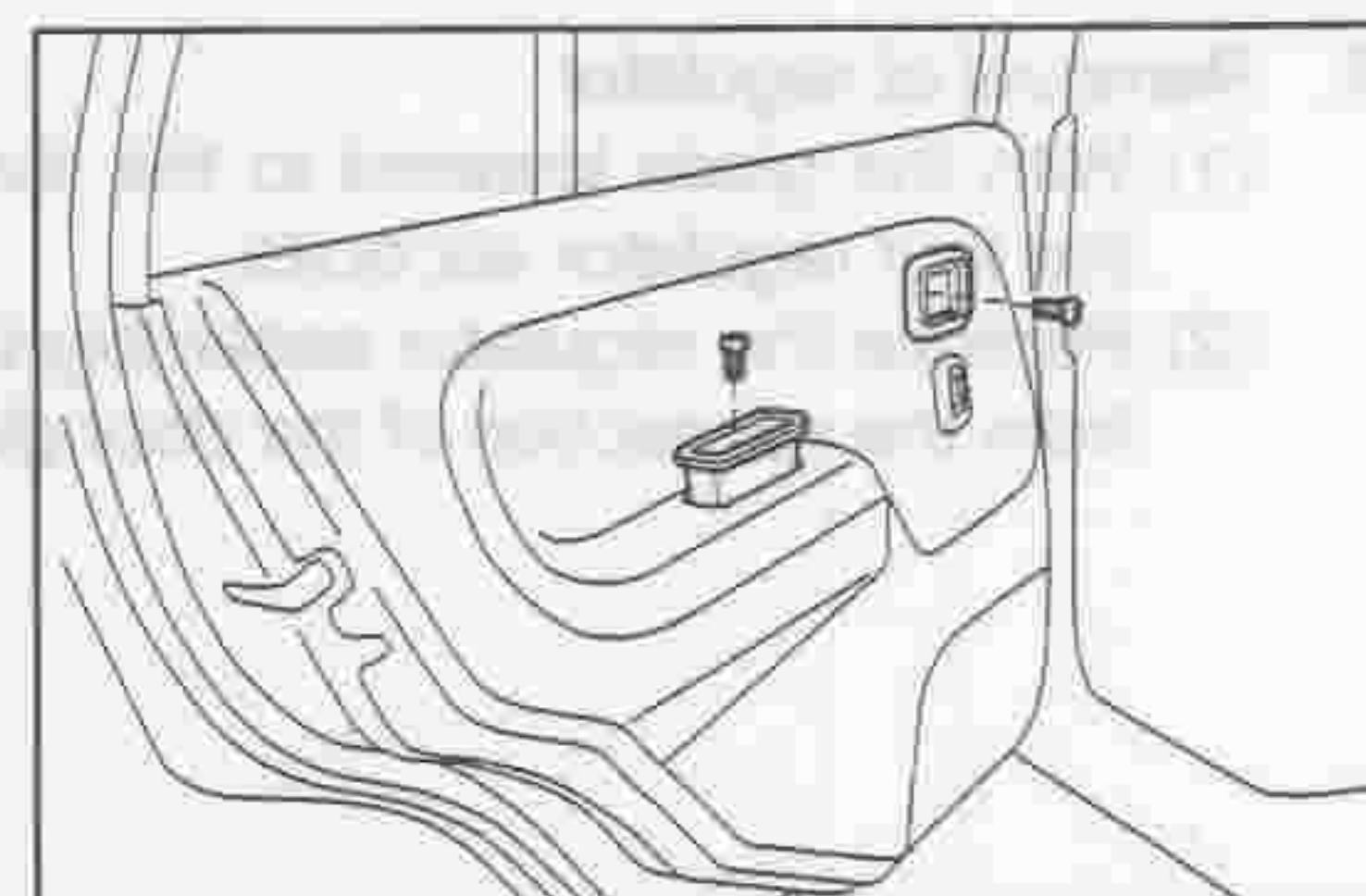
DISASSEMBLY

1. Removal of regulator handle
 (1) Remove the snap ring with cloth.



LBO00059-00057

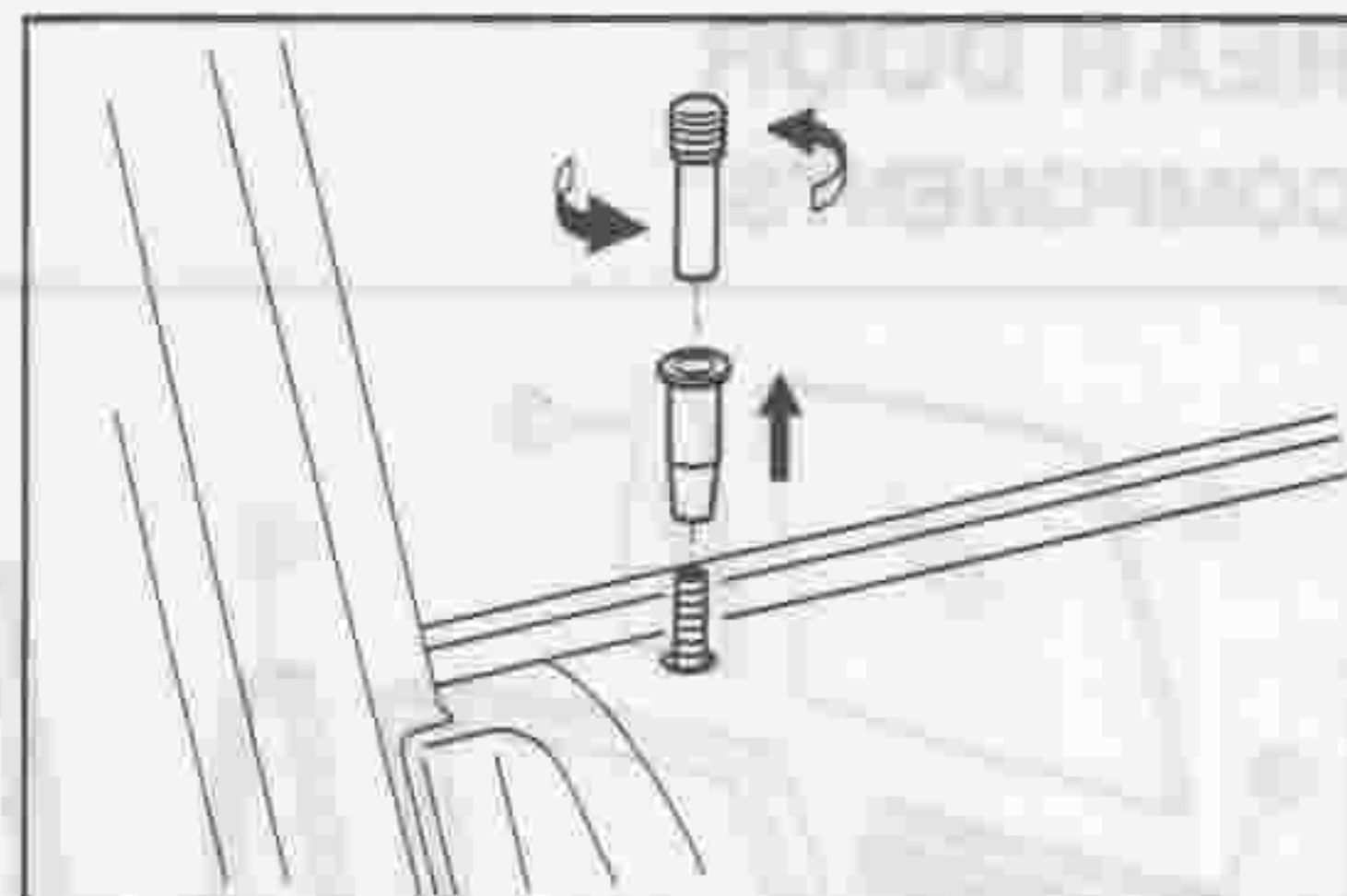
2. Removal of inside handle and pull handle
 (1) Remove the inside handle and pull handle by removing the screws.



LBO00060-00058

3. Removal of locking button

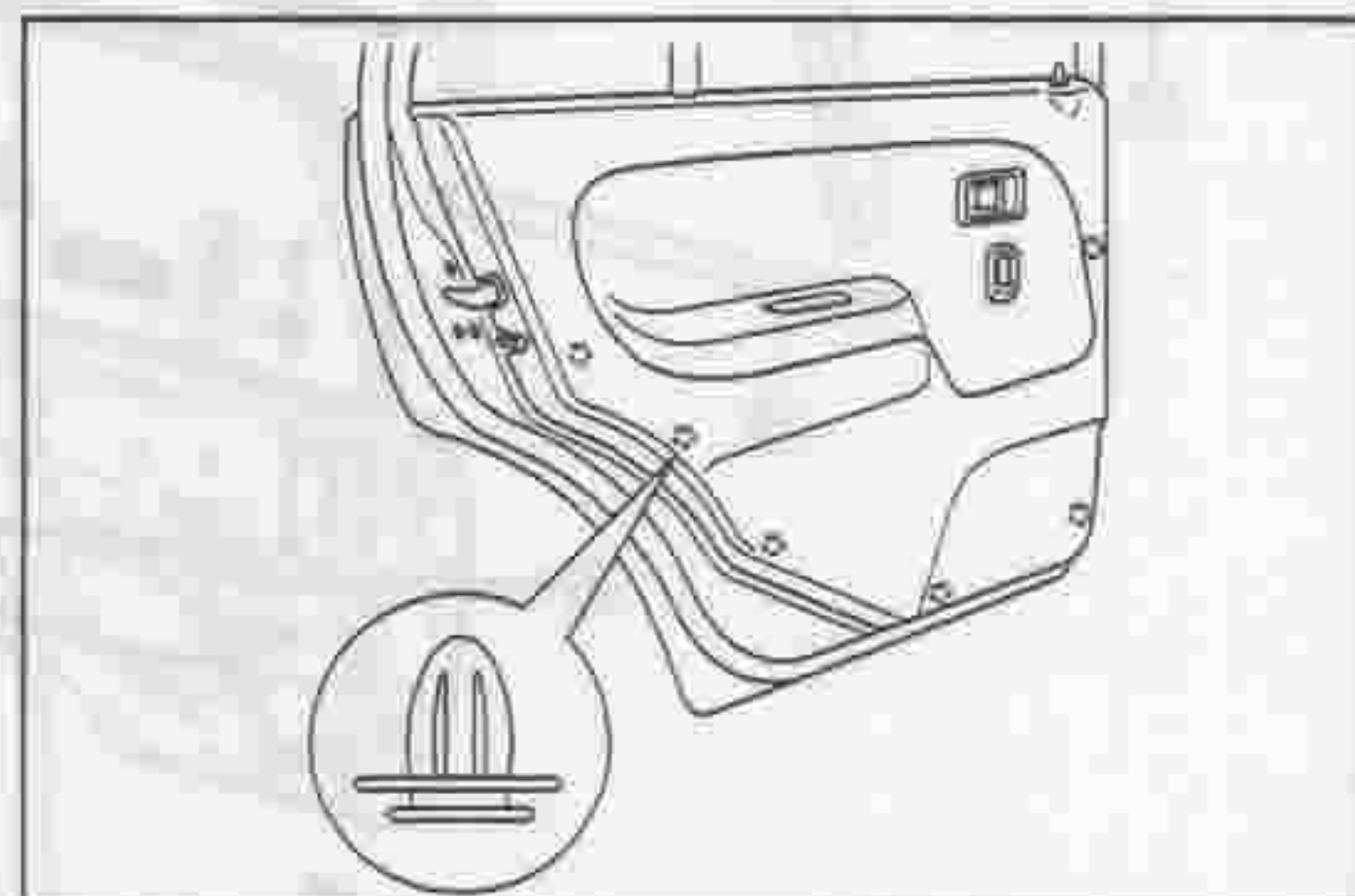
- (1) Remove the locking button and retainer from the control link.



LBO00061-00059

4. Removal of door trim

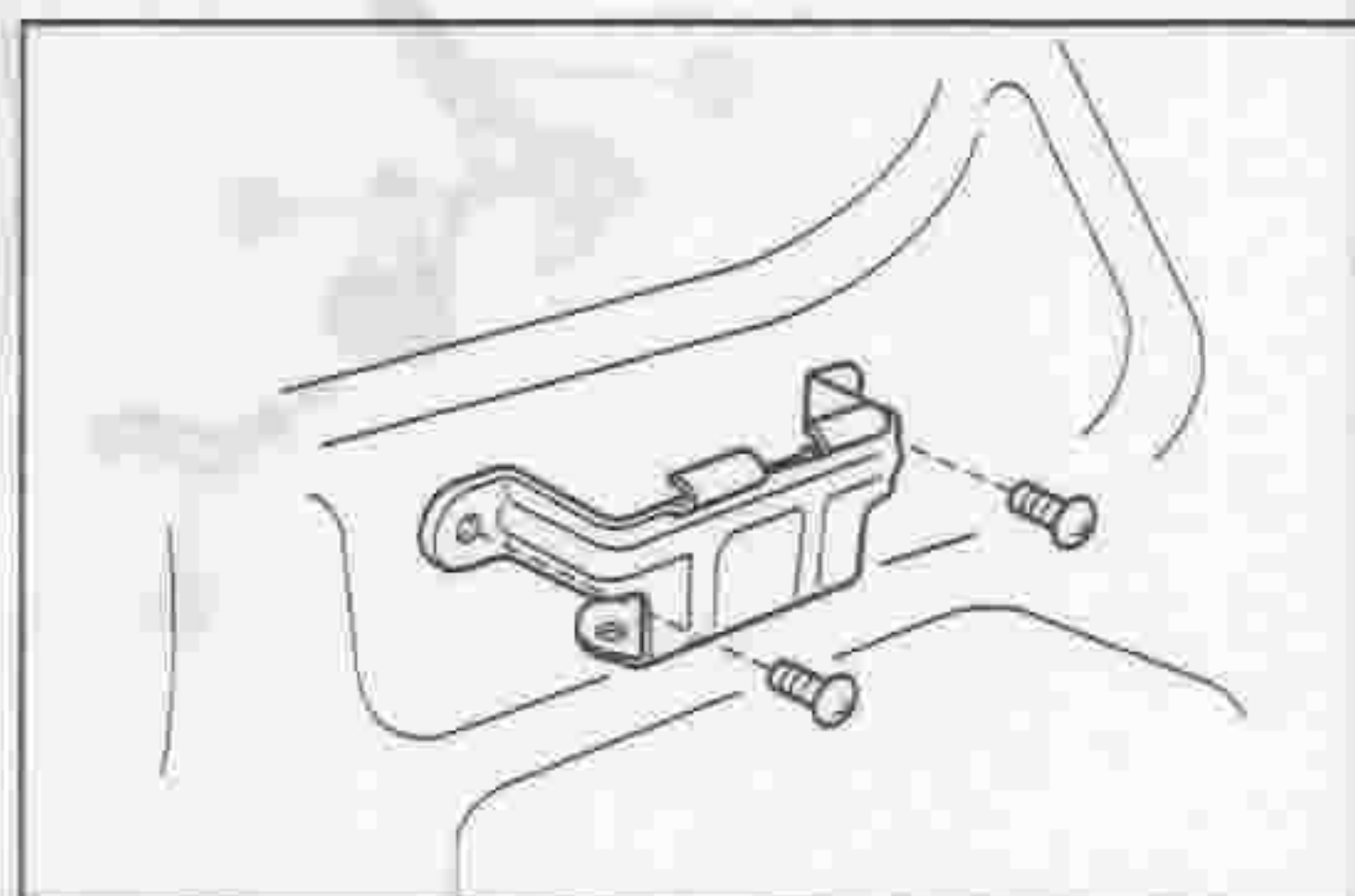
- (1) Remove the six clips of the trim from the door panel.
- (2) Disconnect the power window switch connector (if so equipped).



LBO00062-00060

5. Removal of door trim No. 1 bracket

- (1) Remove the bracket from the door panel by removing the two screws.

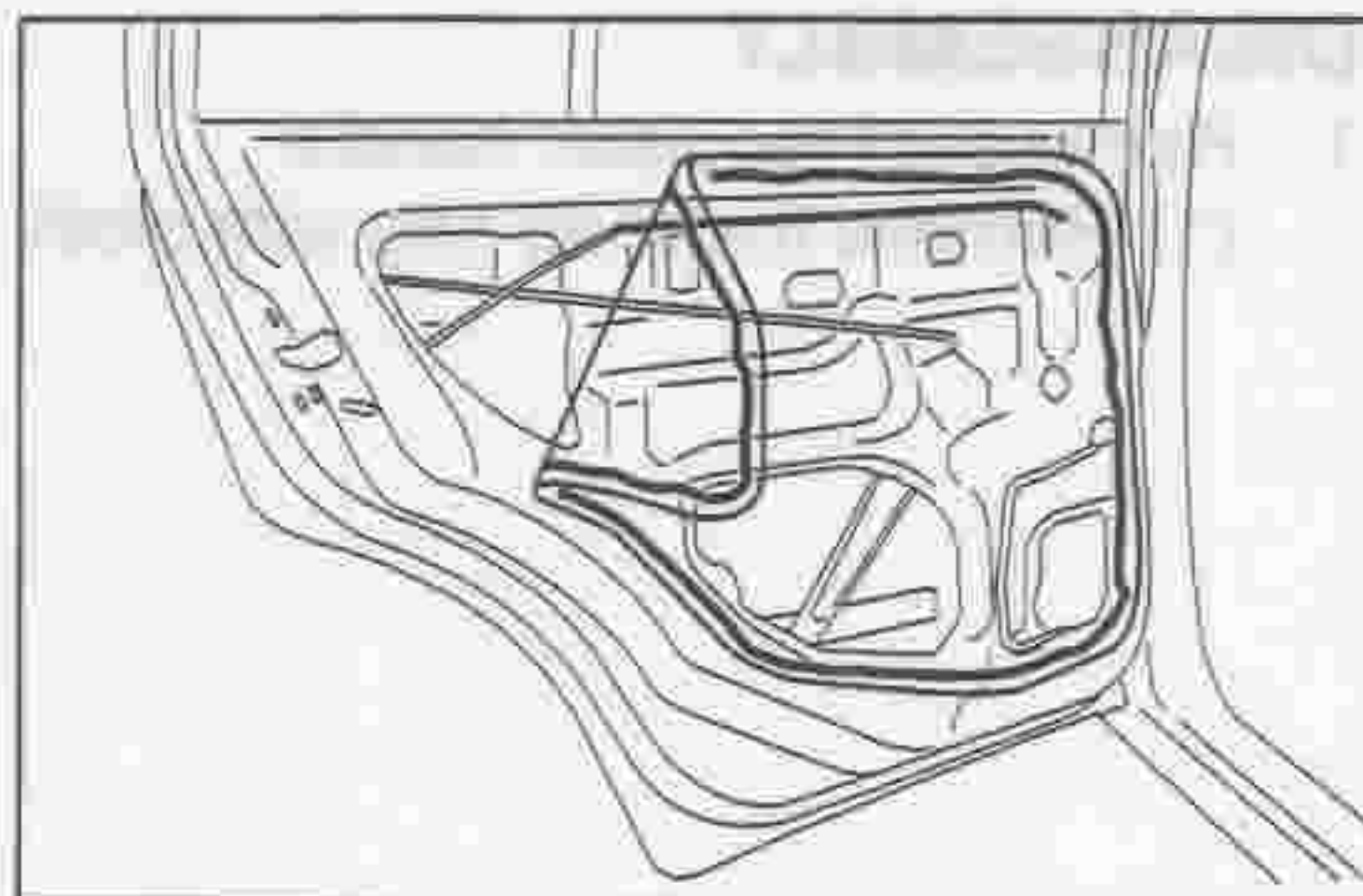


LBO00063-00061

6. Removal of service hole cover

NOTE:

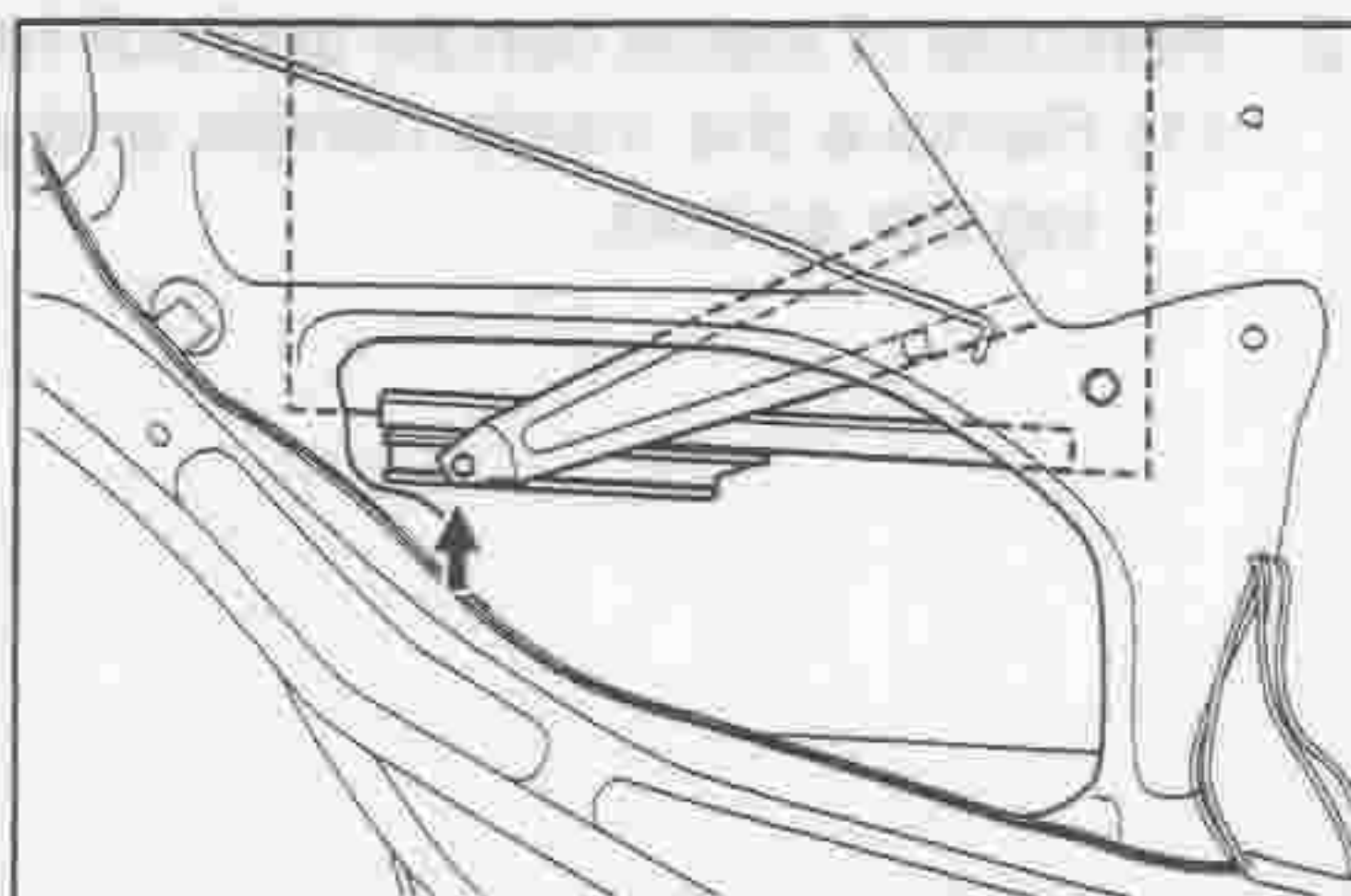
- Be very careful not to allow the butyl tape to stick to other parts during the removal.



LBO00064-00062

7. Removal of regulator

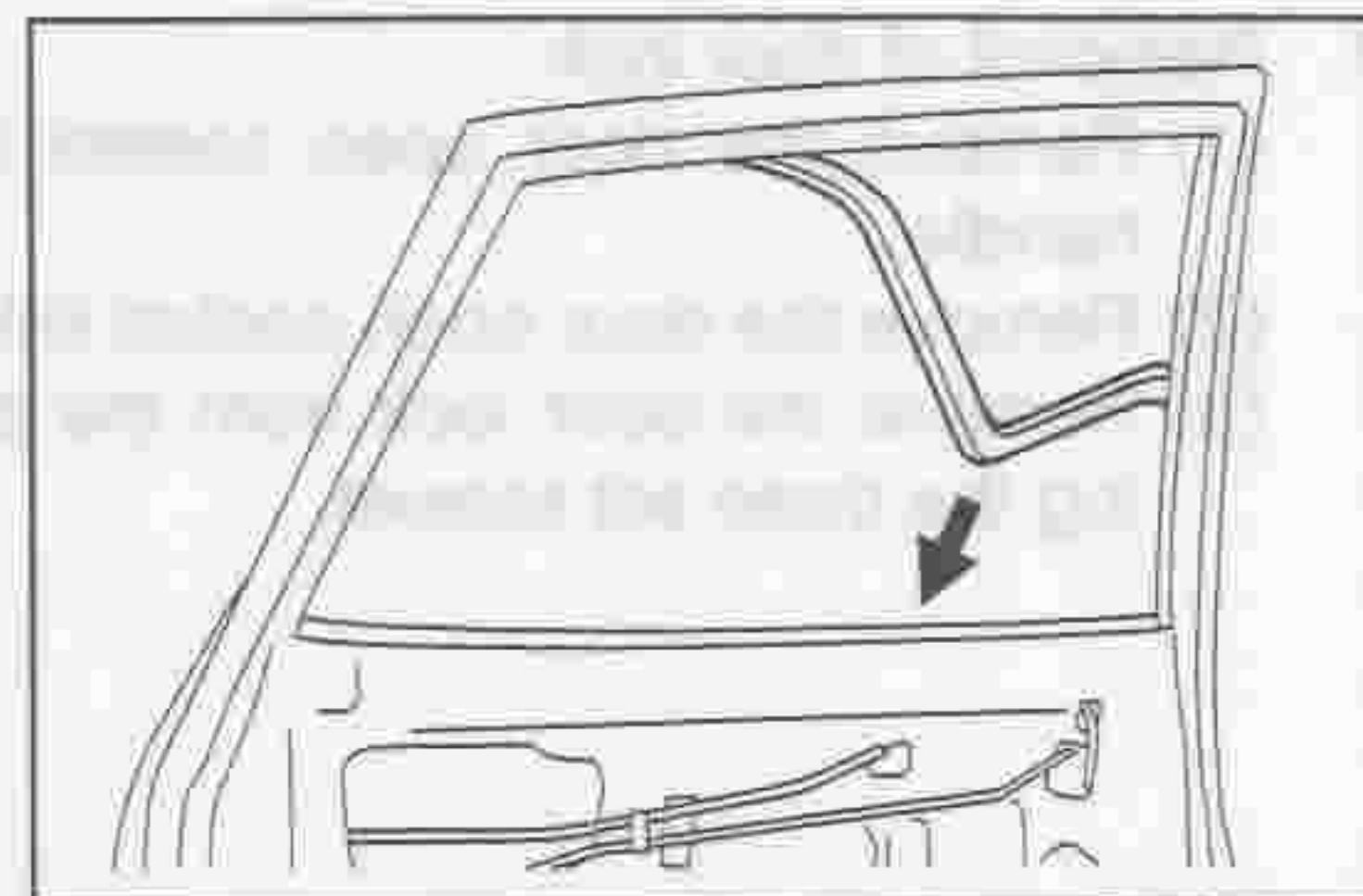
- (1) With the glass lowered to the lowest position, remove the four regulator set bolts.
- (2) Remove the regulator assembly by removing the roller from the rail section of the door glass channel.



LBO00065-00063

8. Removal of inner weatherstrip

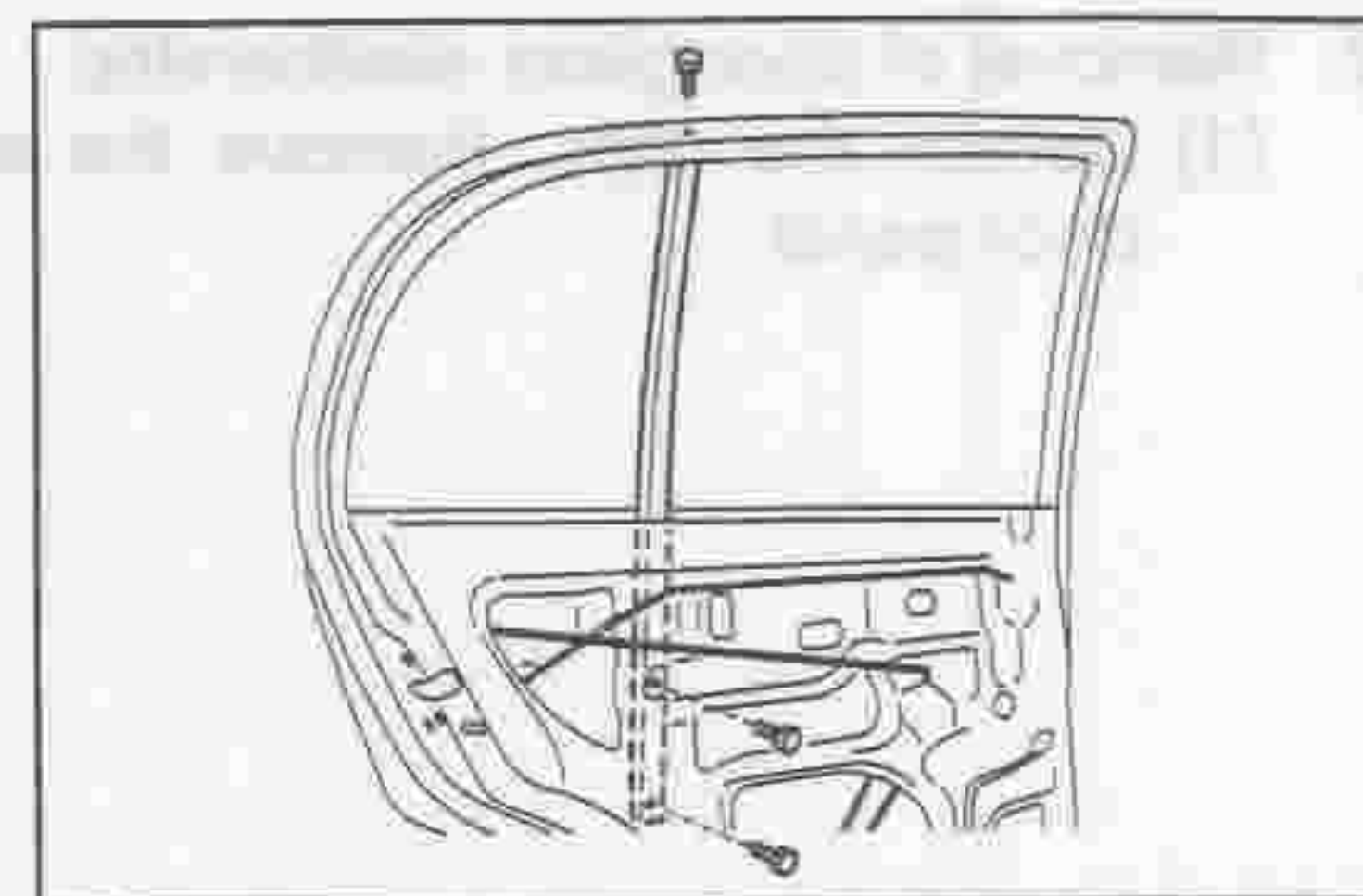
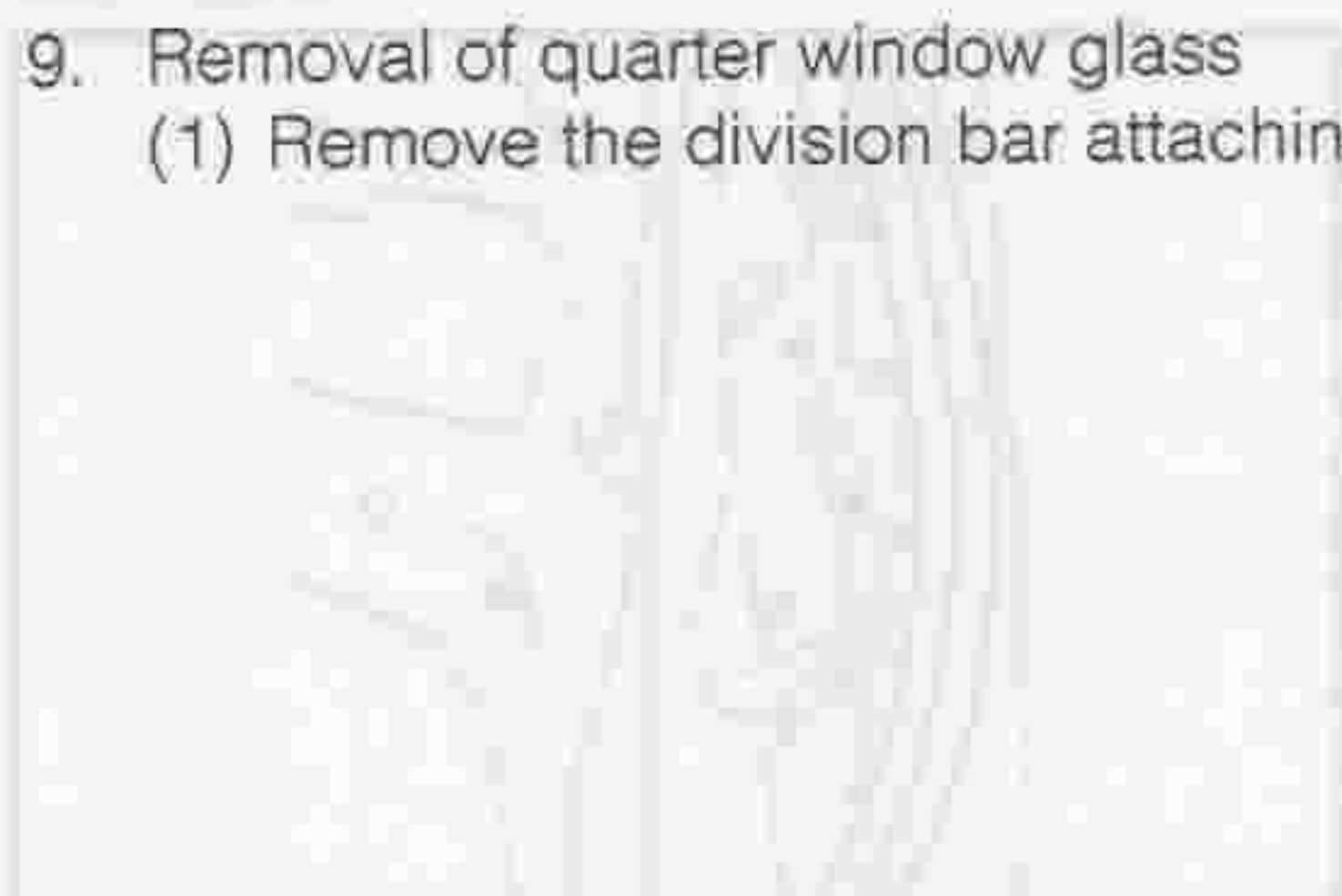
- (1) Remove the clip from the door panel with a screwdriver.



LBO00066-00064

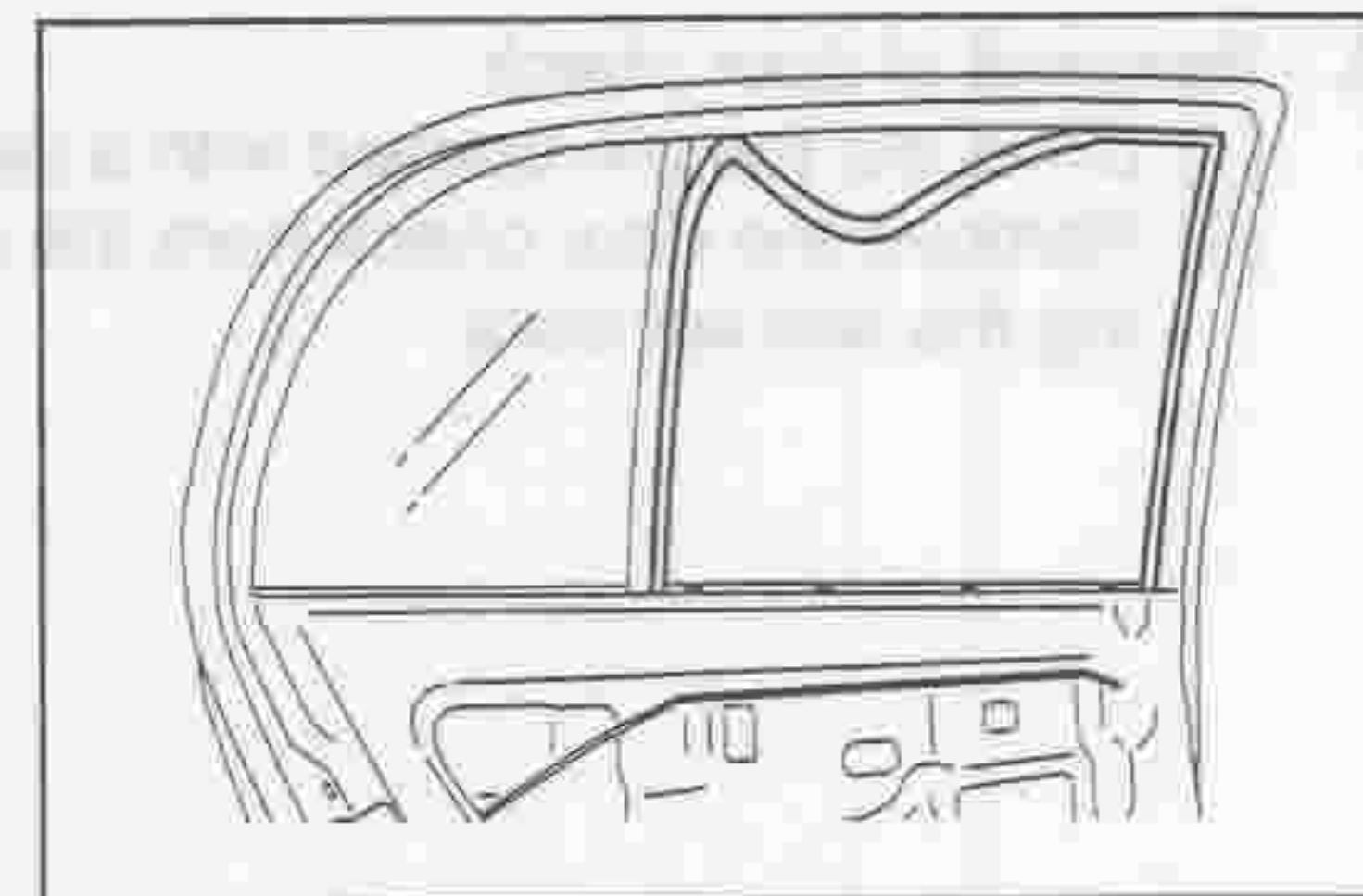
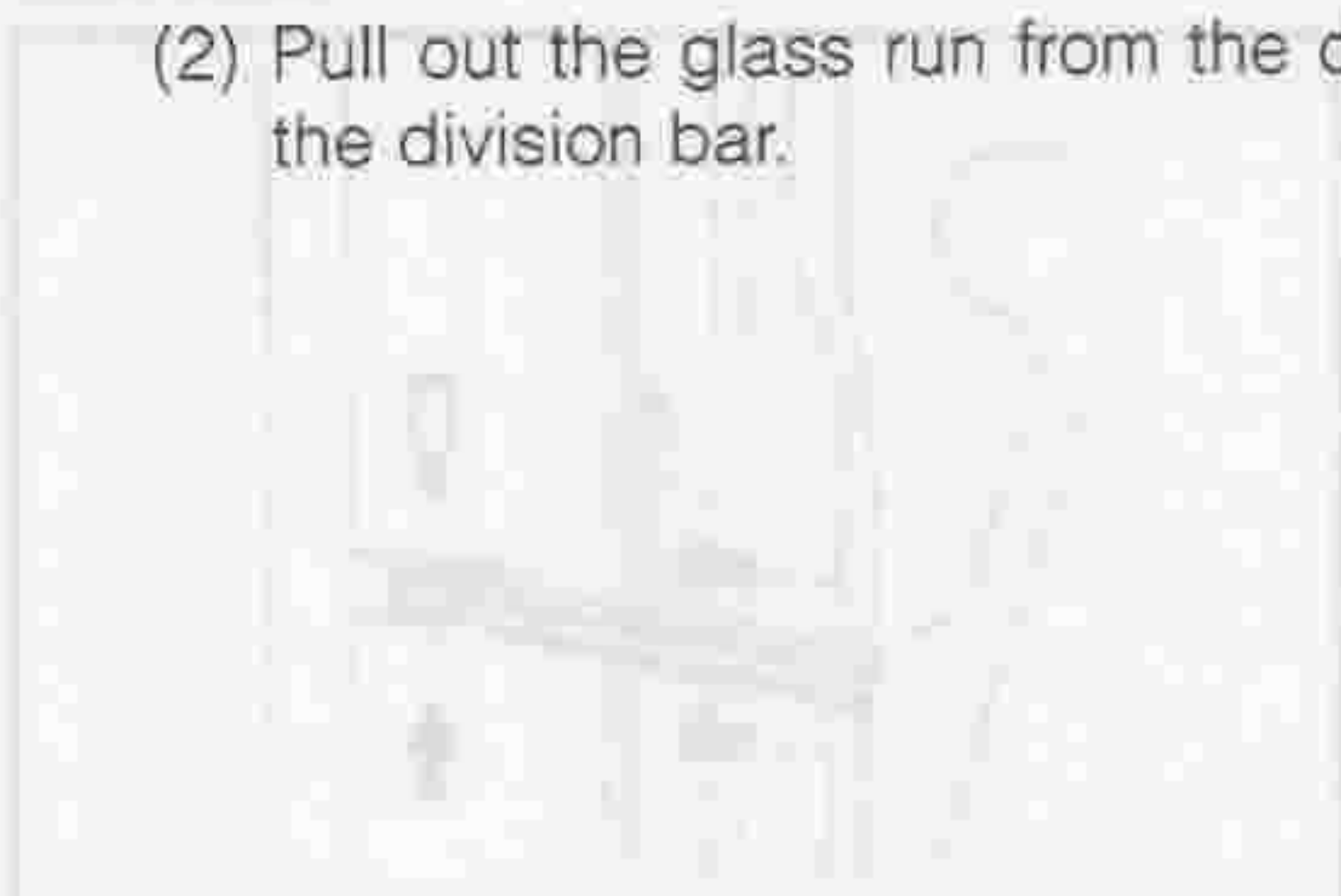
9. Removal of quarter window glass

- (1) Remove the division bar attaching bolt and screw.



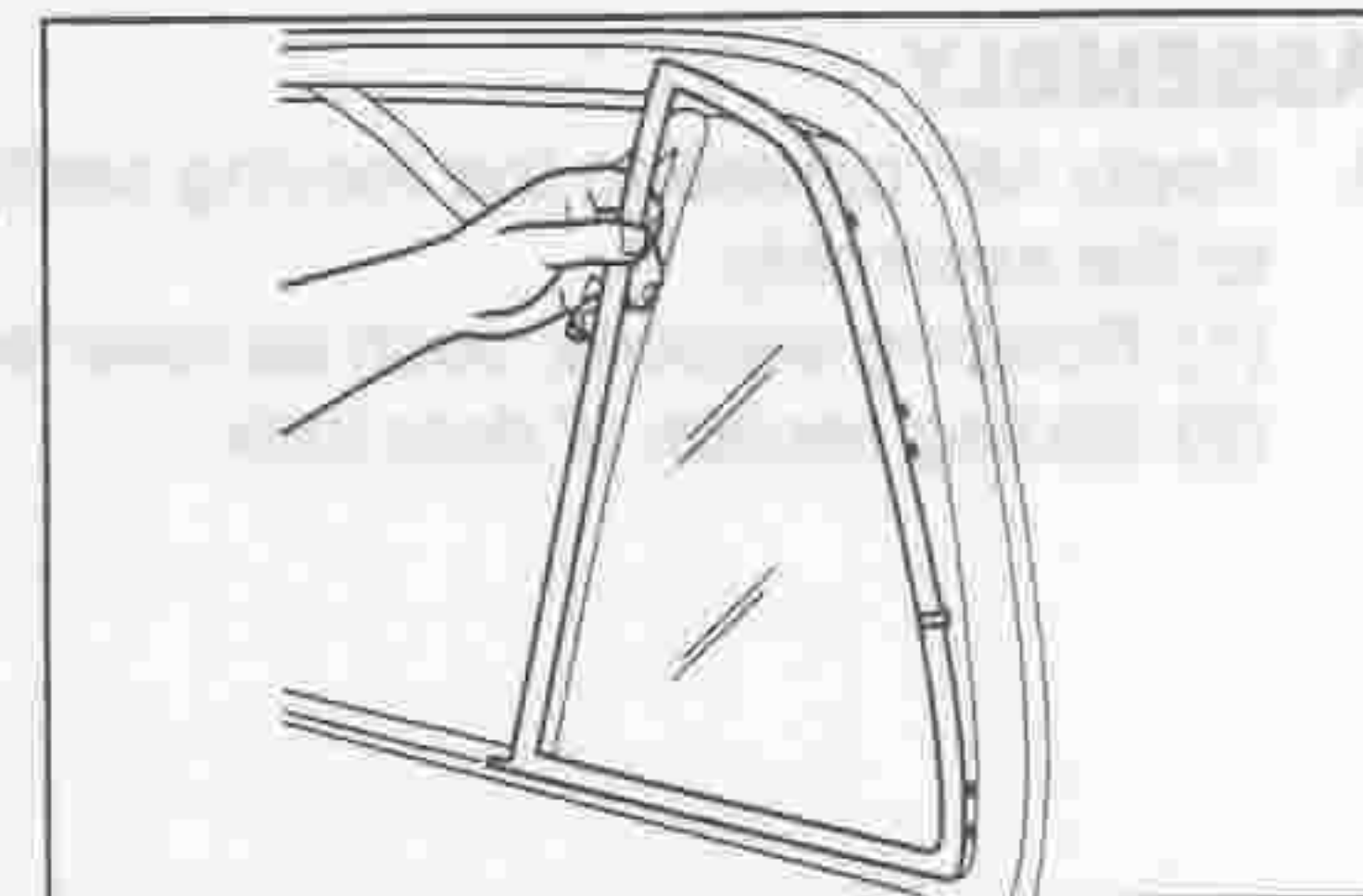
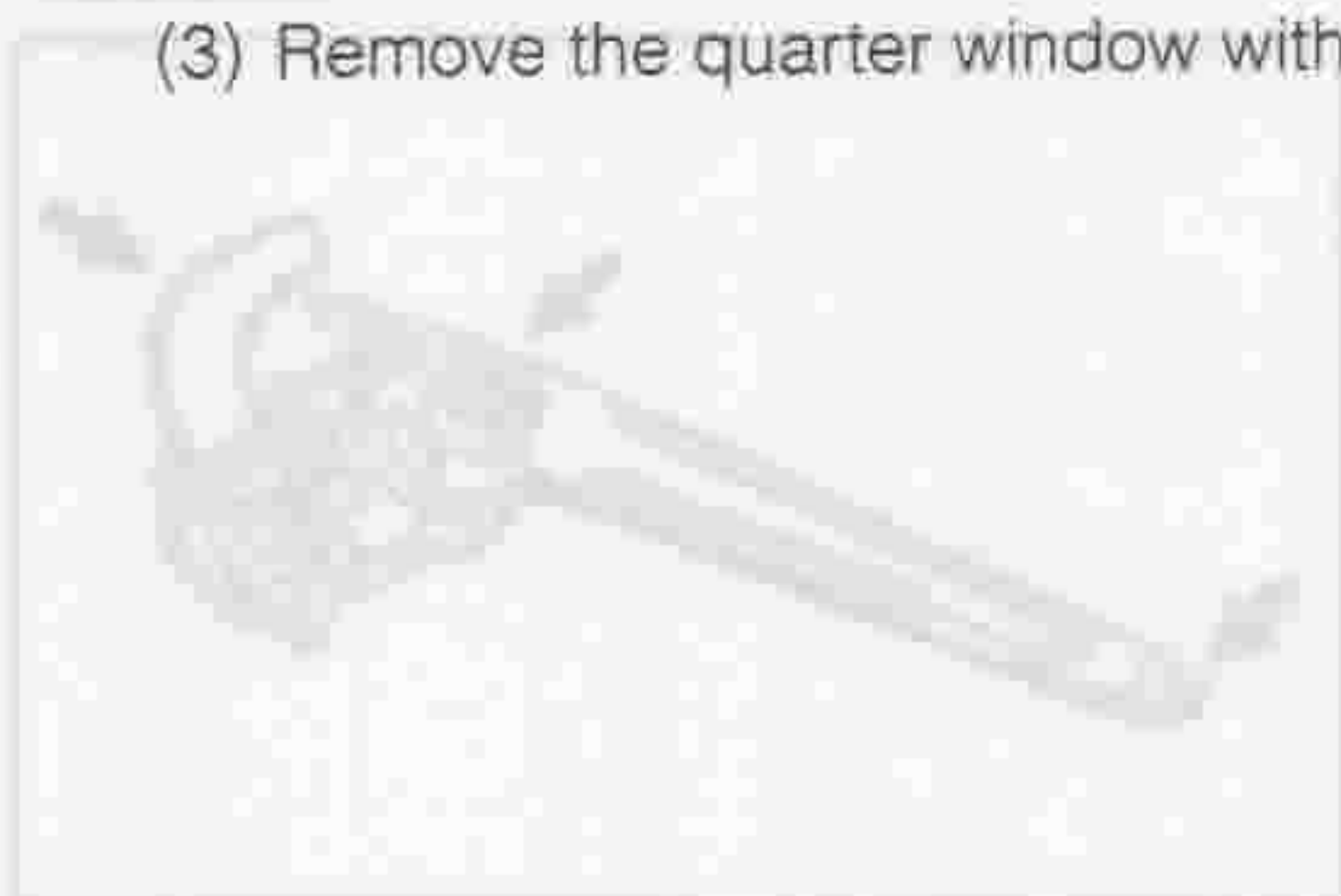
LBO00067-00065

- (2) Pull out the glass run from the door frame and loosen the division bar.



LBO00068-00066

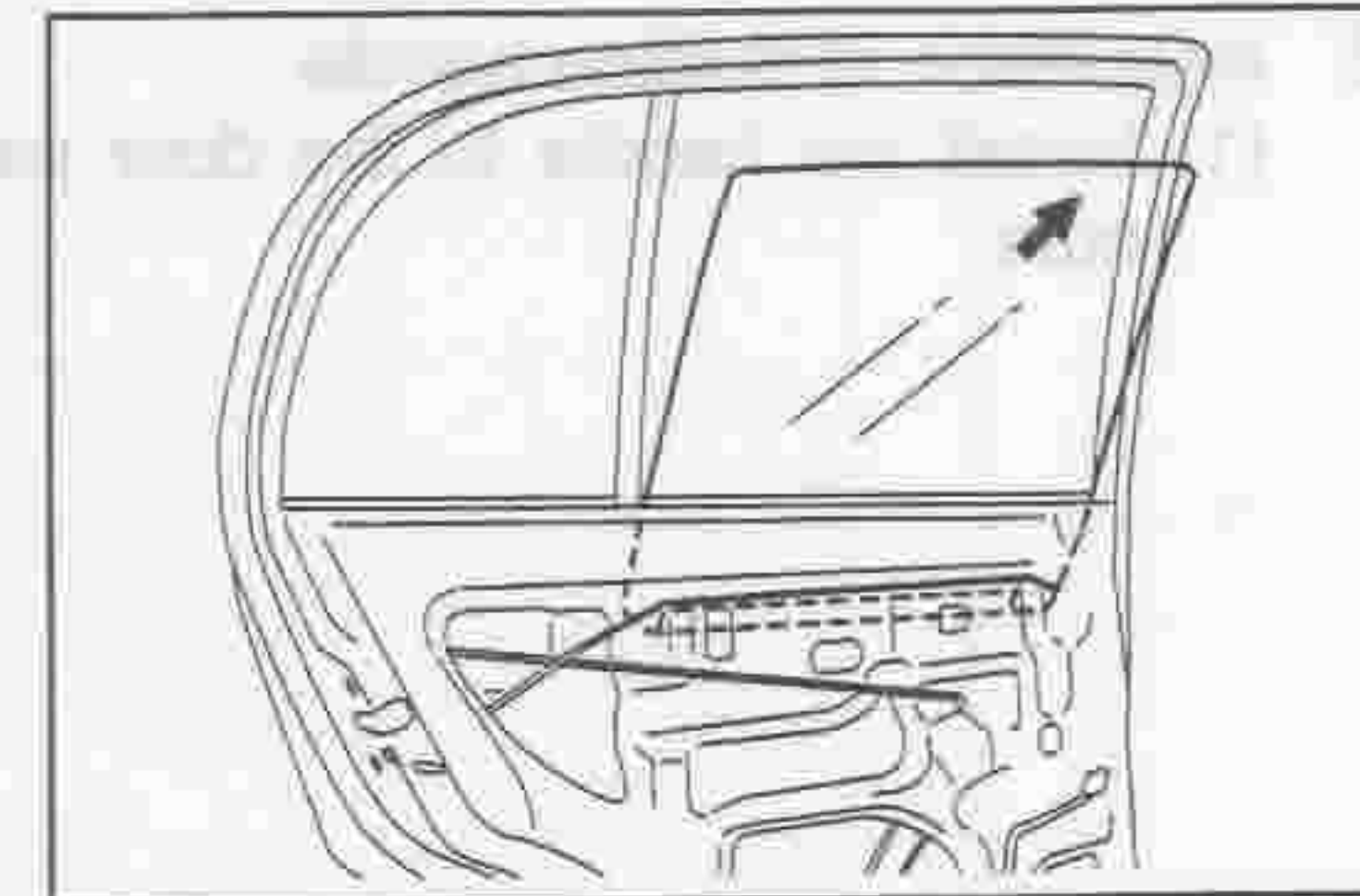
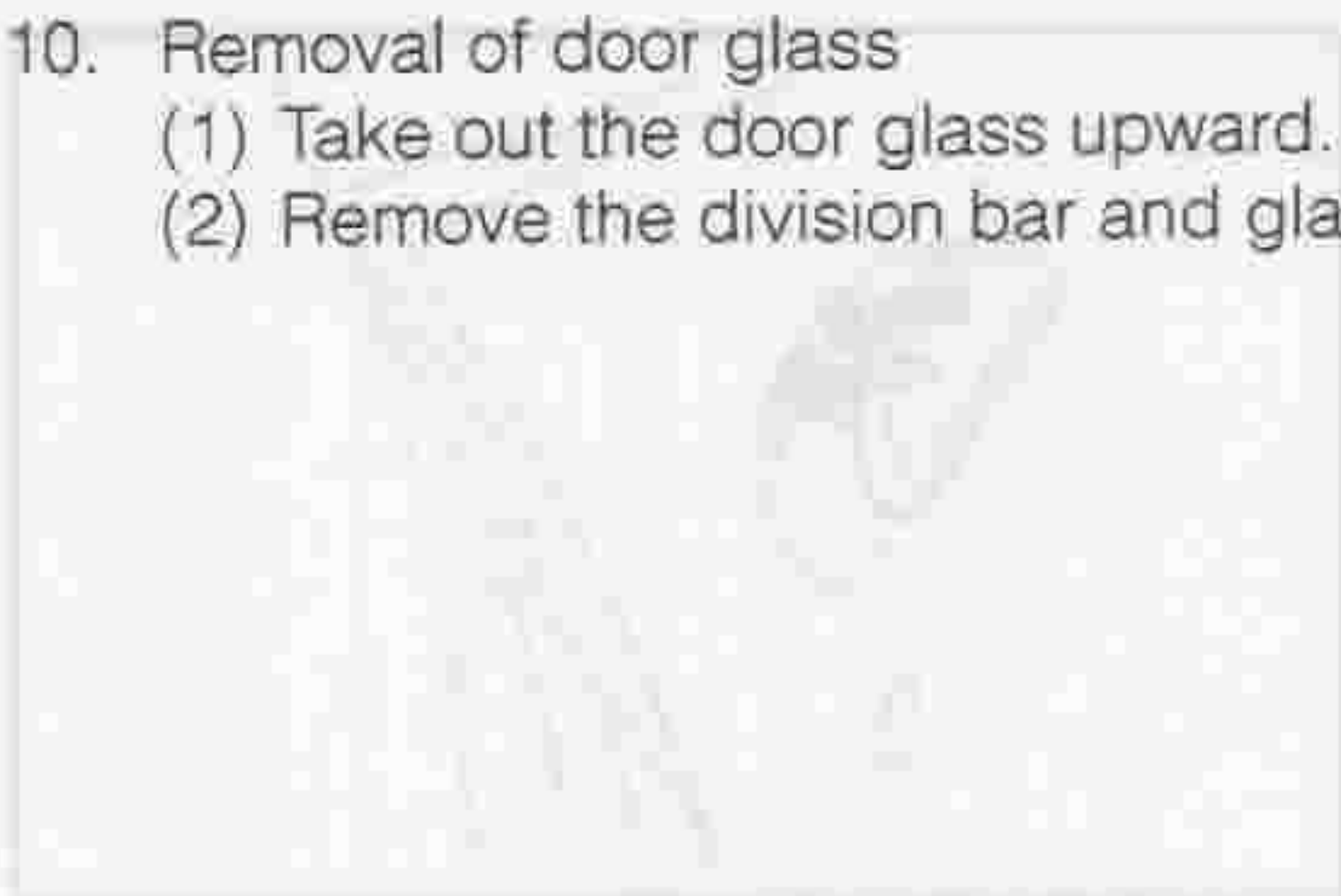
- (3) Remove the quarter window with the strip.



LBO00069-00067

10. Removal of door glass

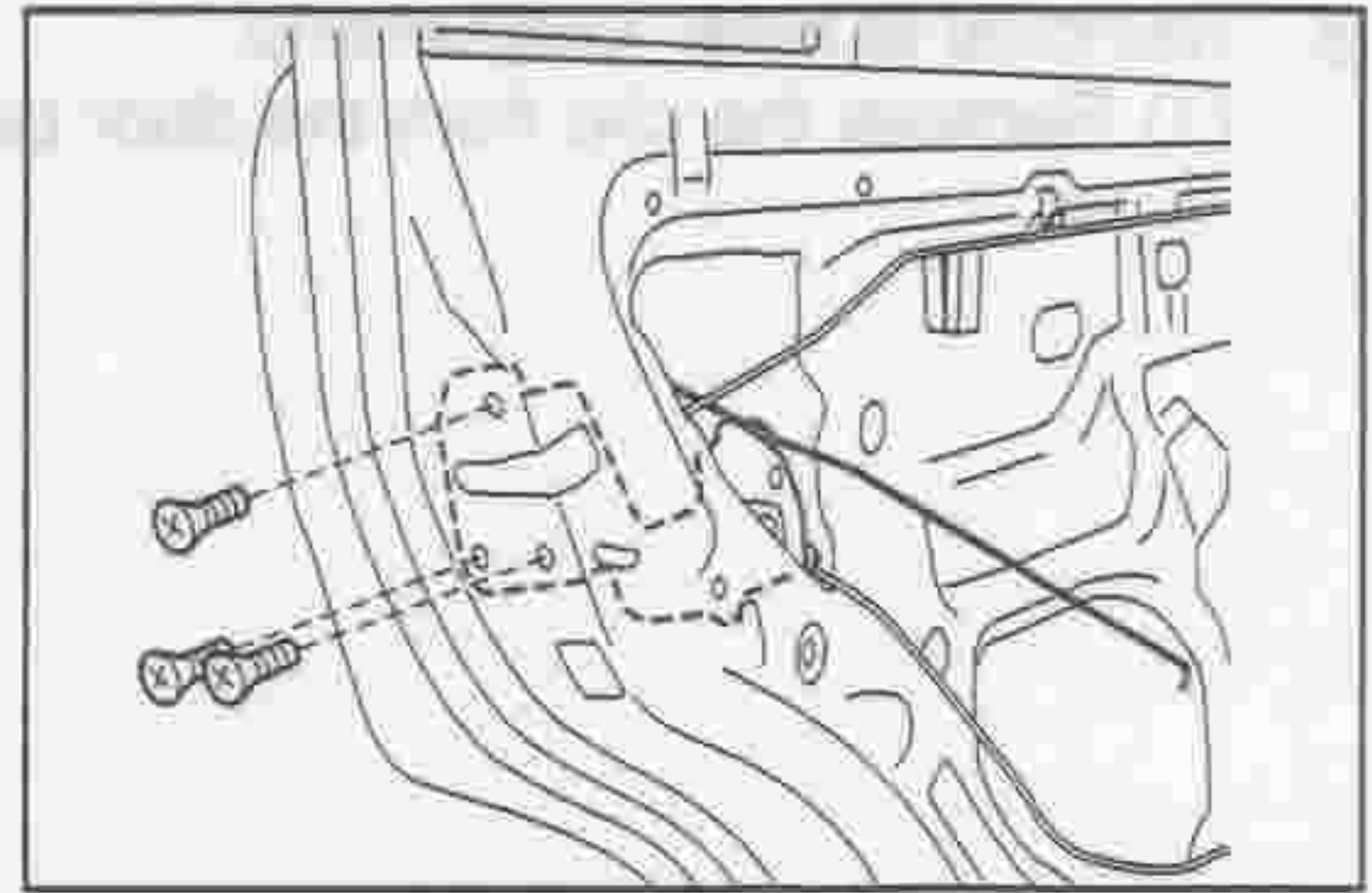
- (1) Take out the door glass upward.
(2) Remove the division bar and glass run.



LBO00070-00068

11. Removal of door lock

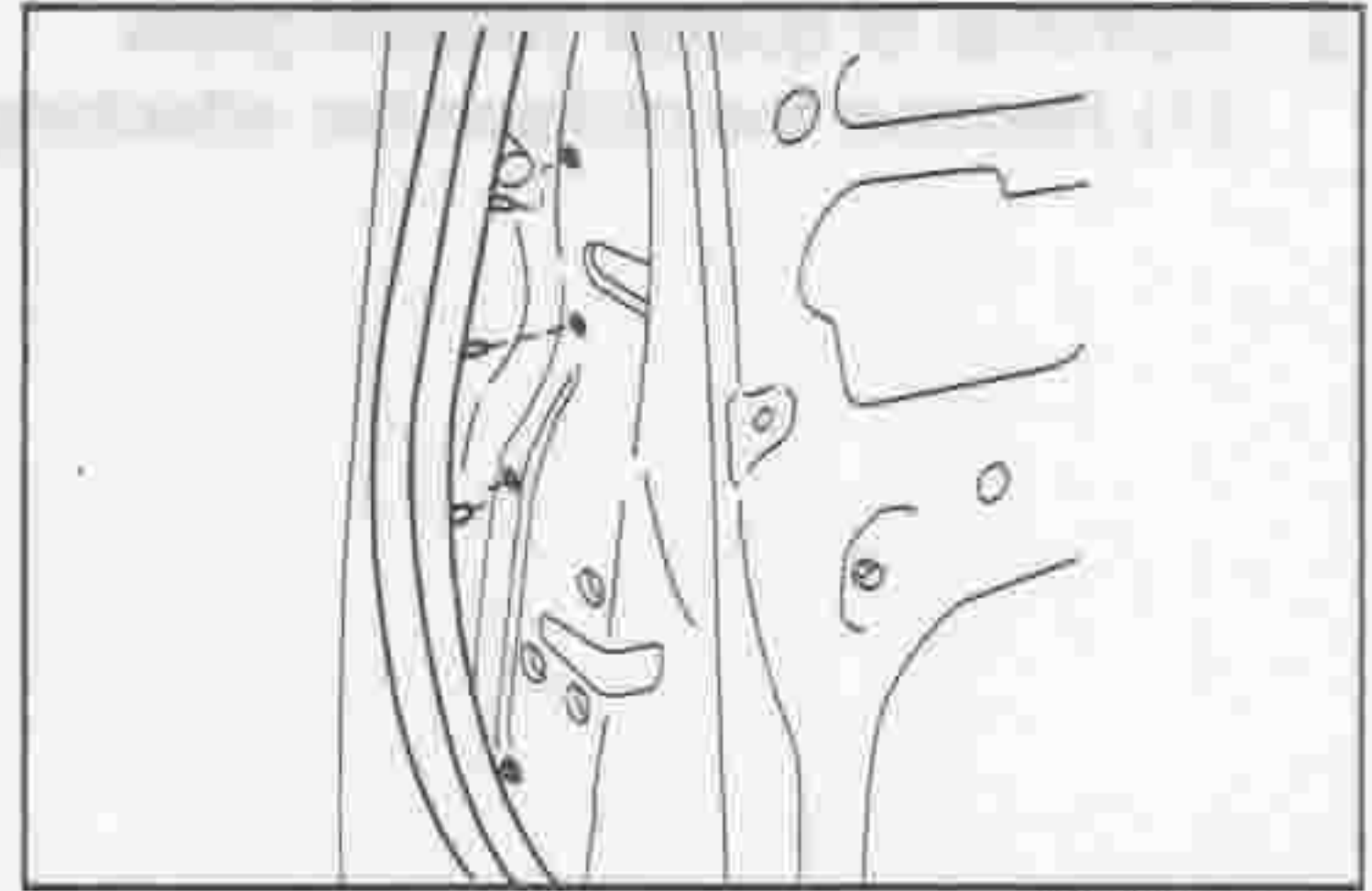
- (1) Remove the door open control link from the outside handle.
- (2) Remove the door open control link from the door lock.
- (3) Remove the door lock from the door panel by removing the three set screws.



LBO00071-00069

12. Removal of door glass weatherstrip

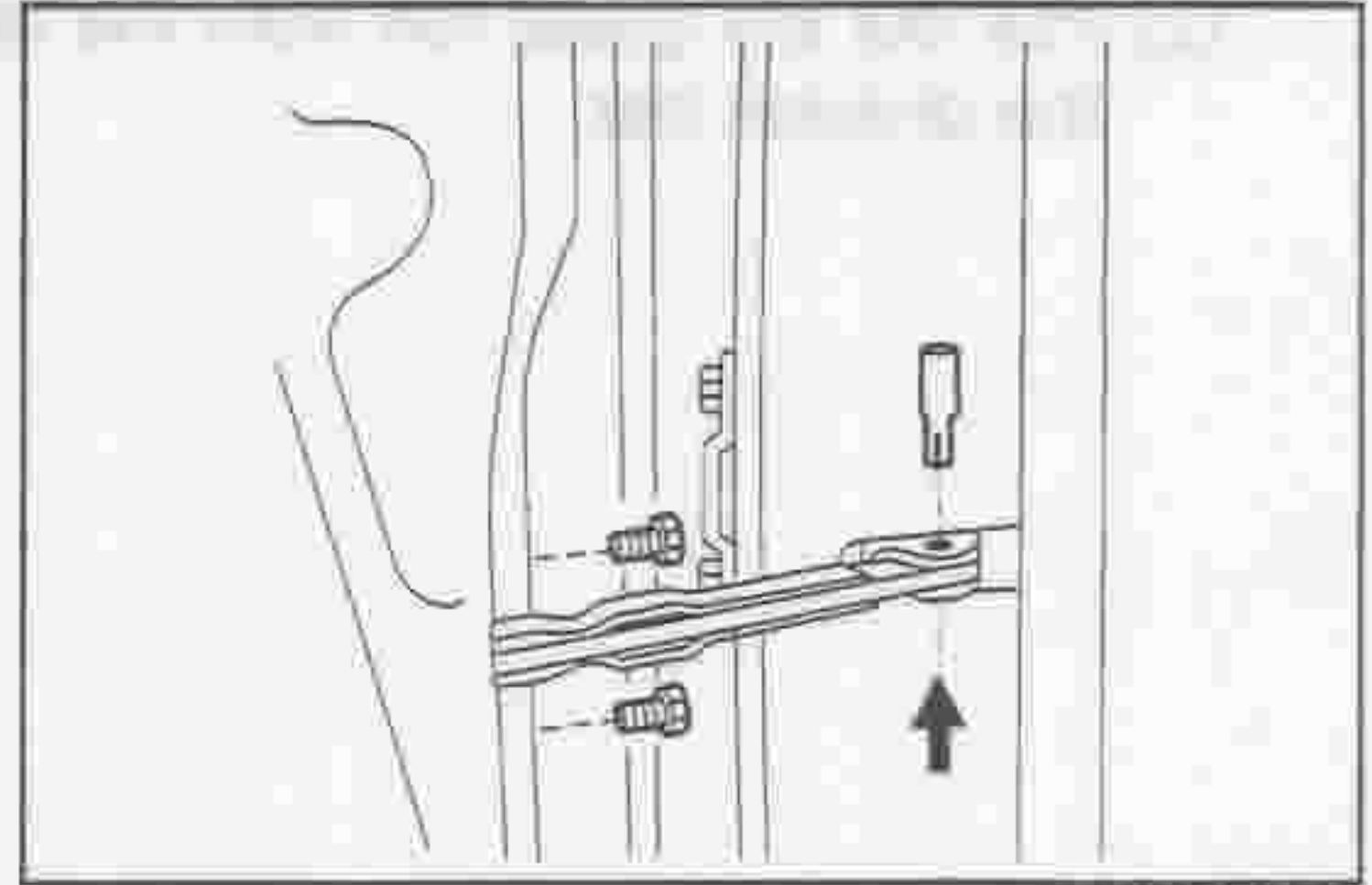
- (1) Detach the clips. Remove the weatherstrip from the door panel.



LBO00072-00070

13. Removal of door check

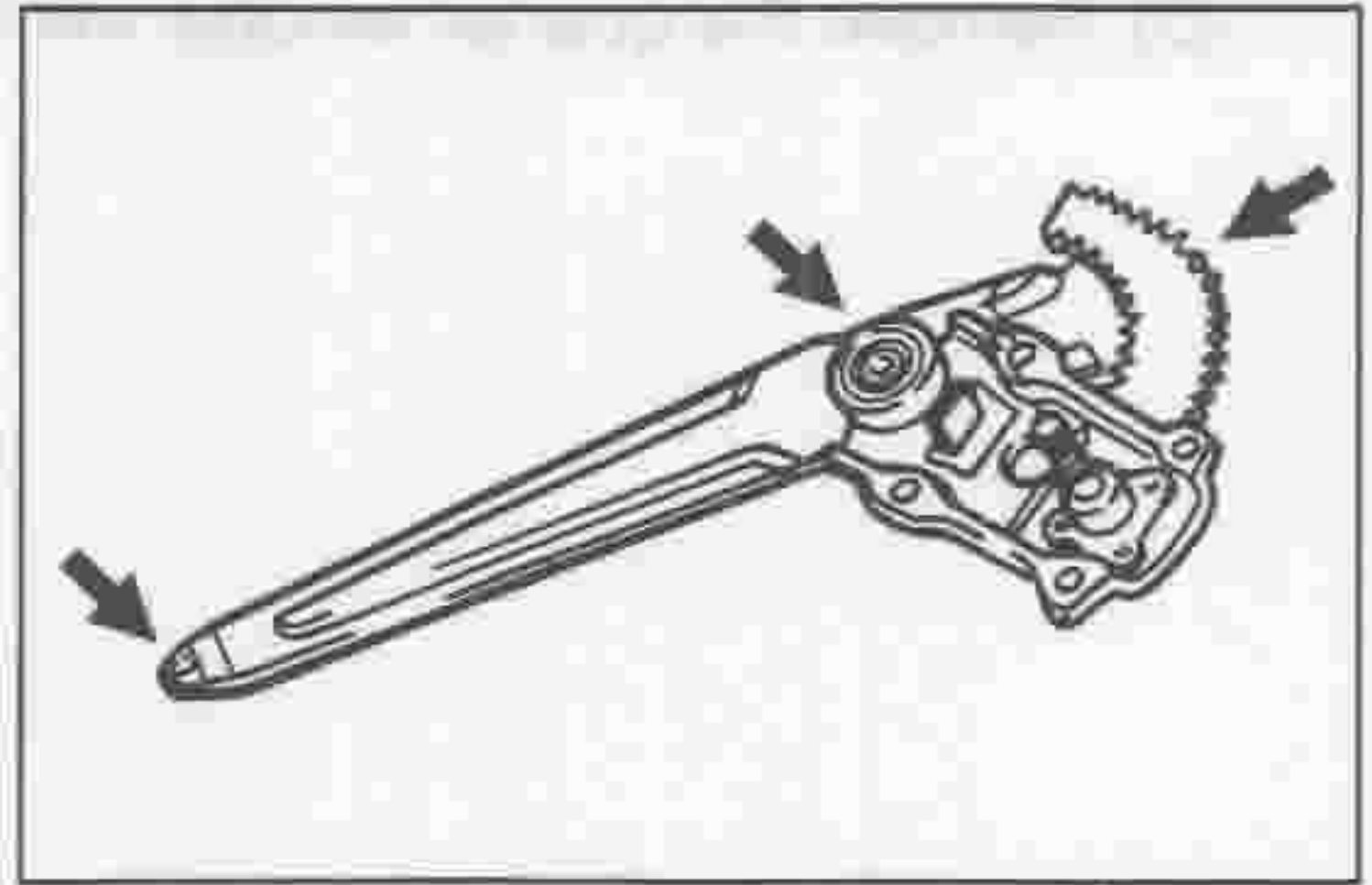
- (1) Drive out the pin upward with a pin punch.
- (2) Remove the door check from the door panel by removing the two set bolts.



LBO00073-00071

ASSEMBLY

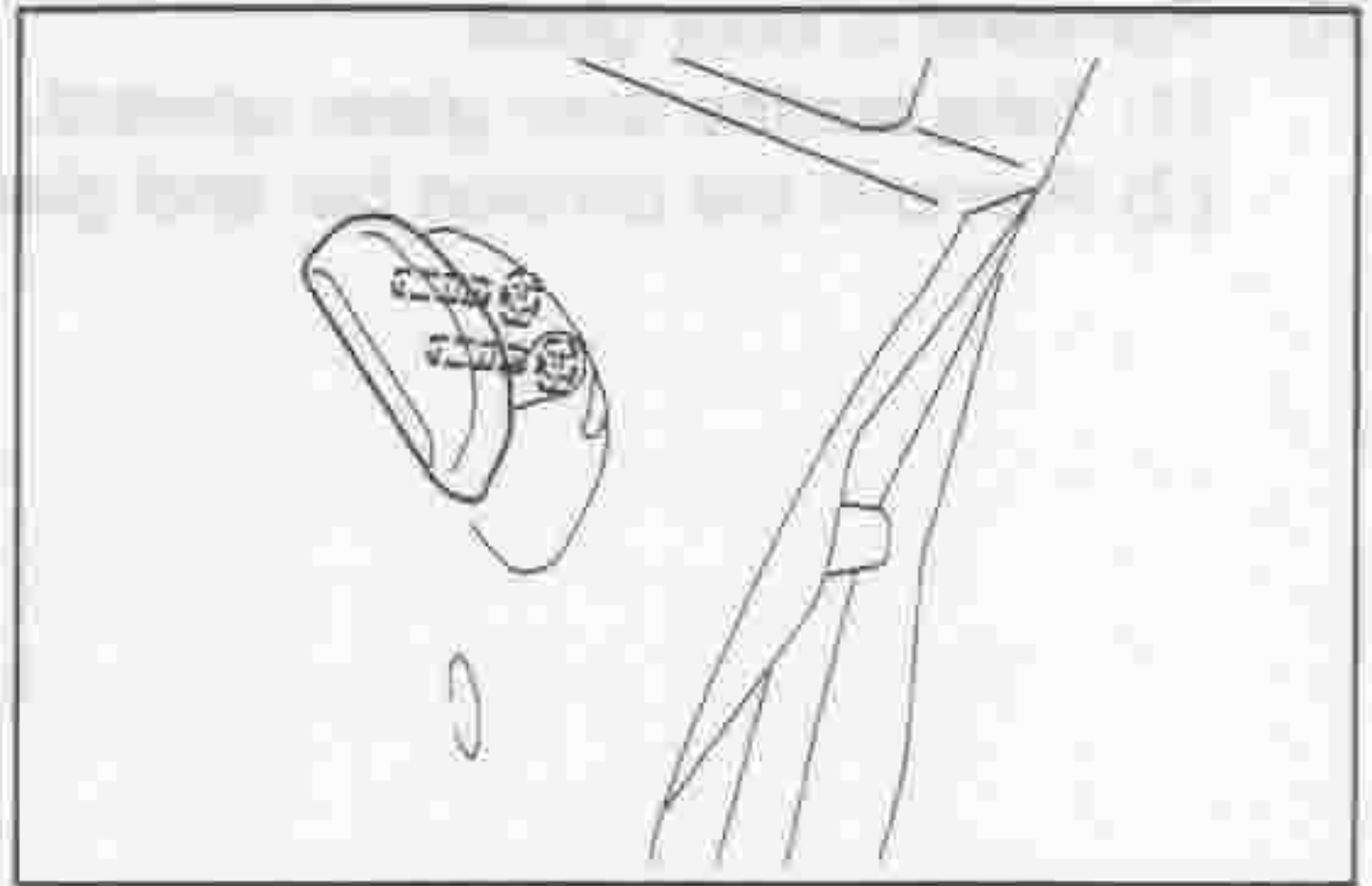
1. Apply MP grease to the moving section of each part prior to the assembly.
 - (1) Rotating sections, such as roller section of regulator
 - (2) Sliding section of door lock



LBO00074-00072

2. Installation of outside handle

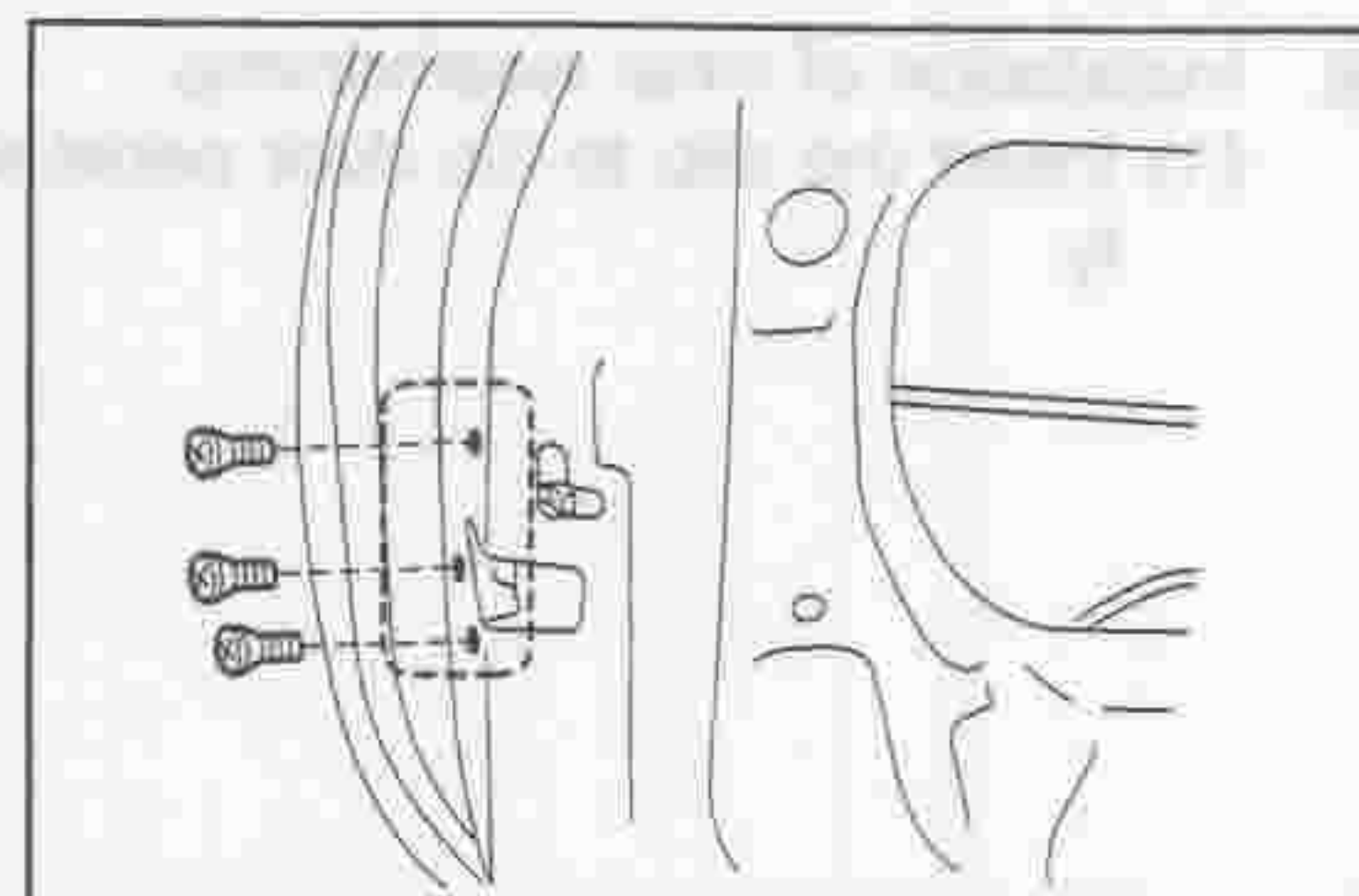
- (1) Install the handle to the door panel with the two set nuts.



LBO00075-00073

3. Installation of door lock

- (1) Install the door lock to the door panel with the three screws.
- (2) Connect the open control link to the outside handle.

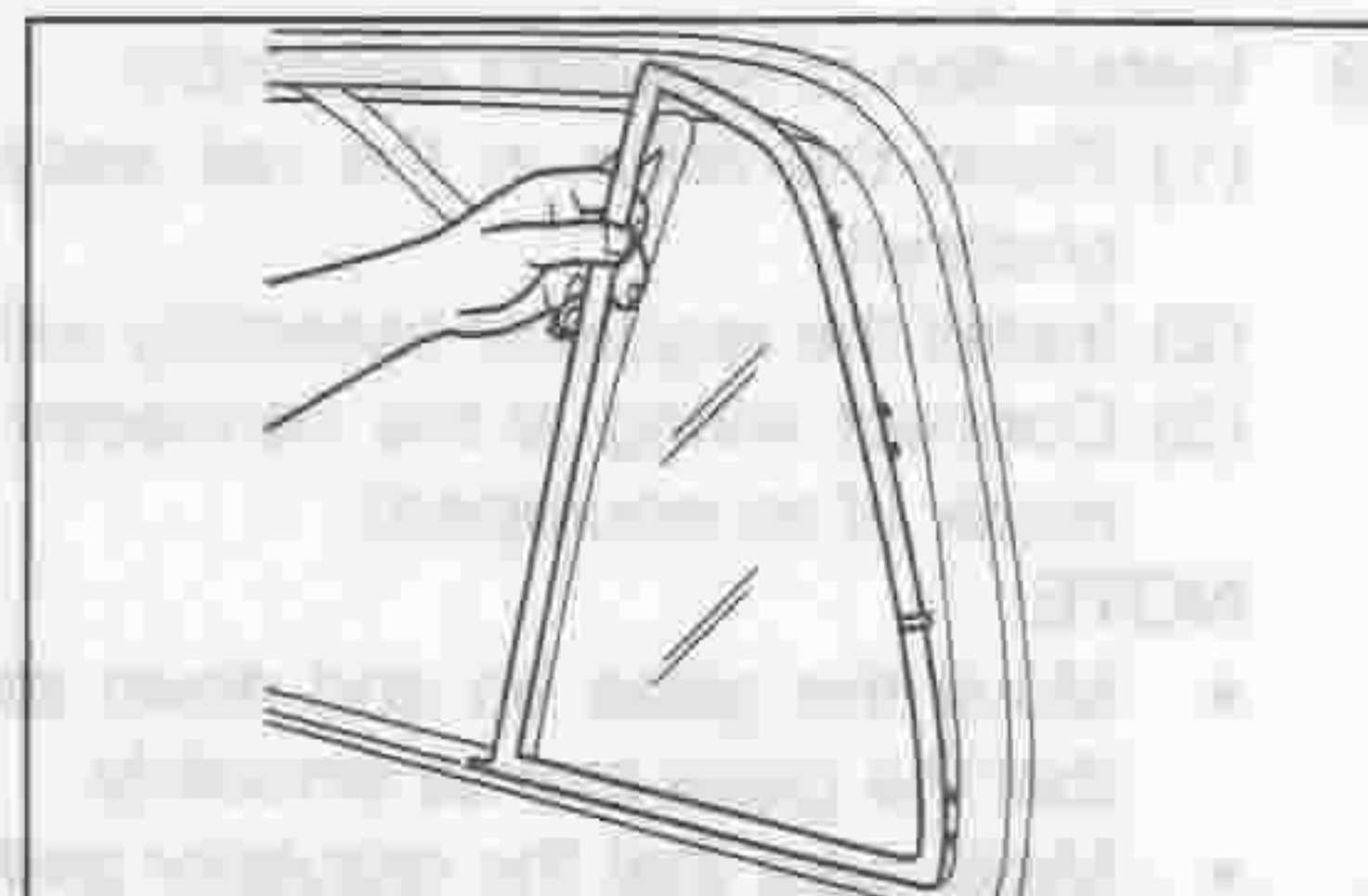


LBO00076-00074

4. Installation of rear quarter window

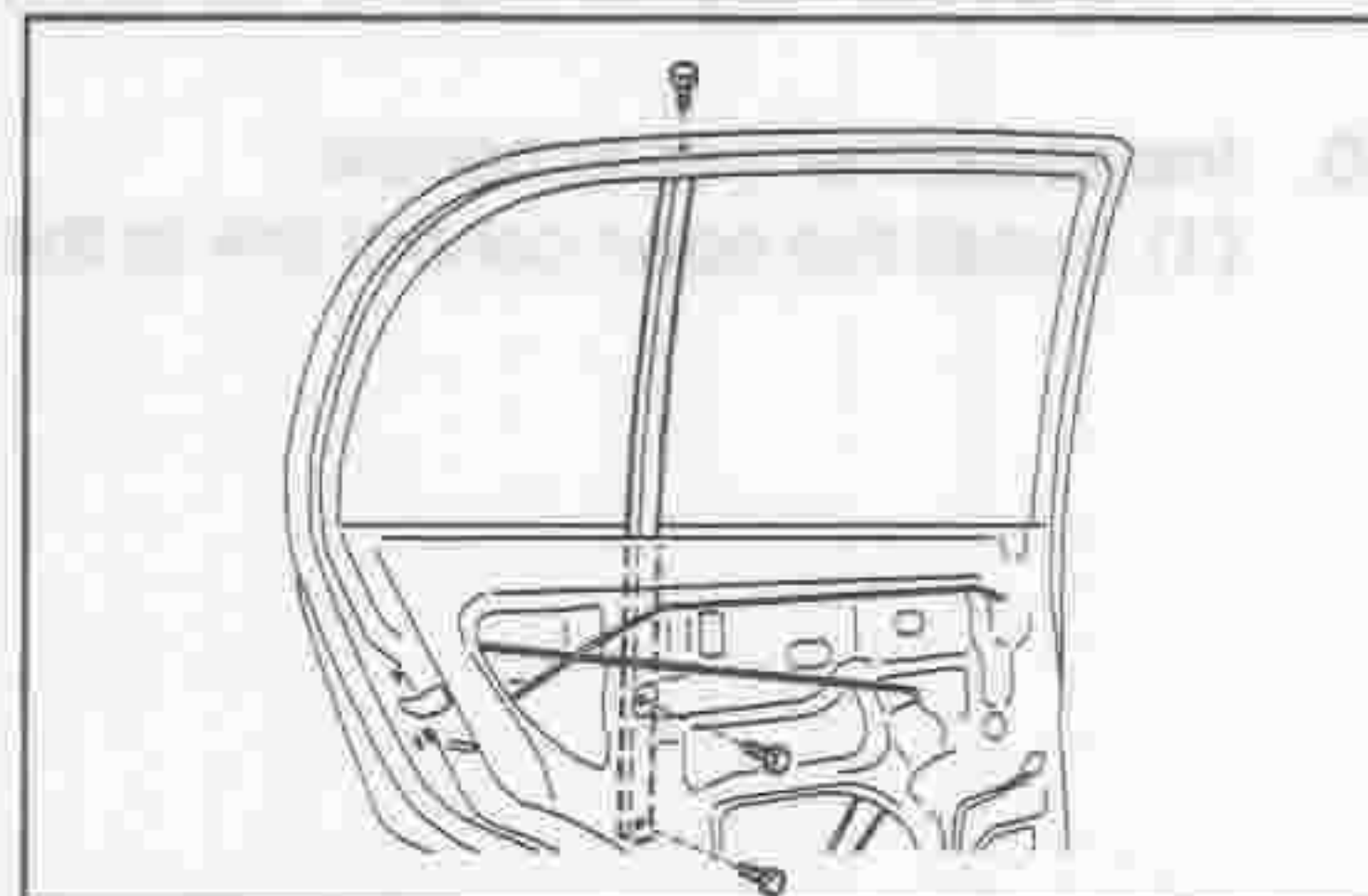
NOTE:

- Apply soap water to the strip and insert it into the frame.



LBO00077-00075

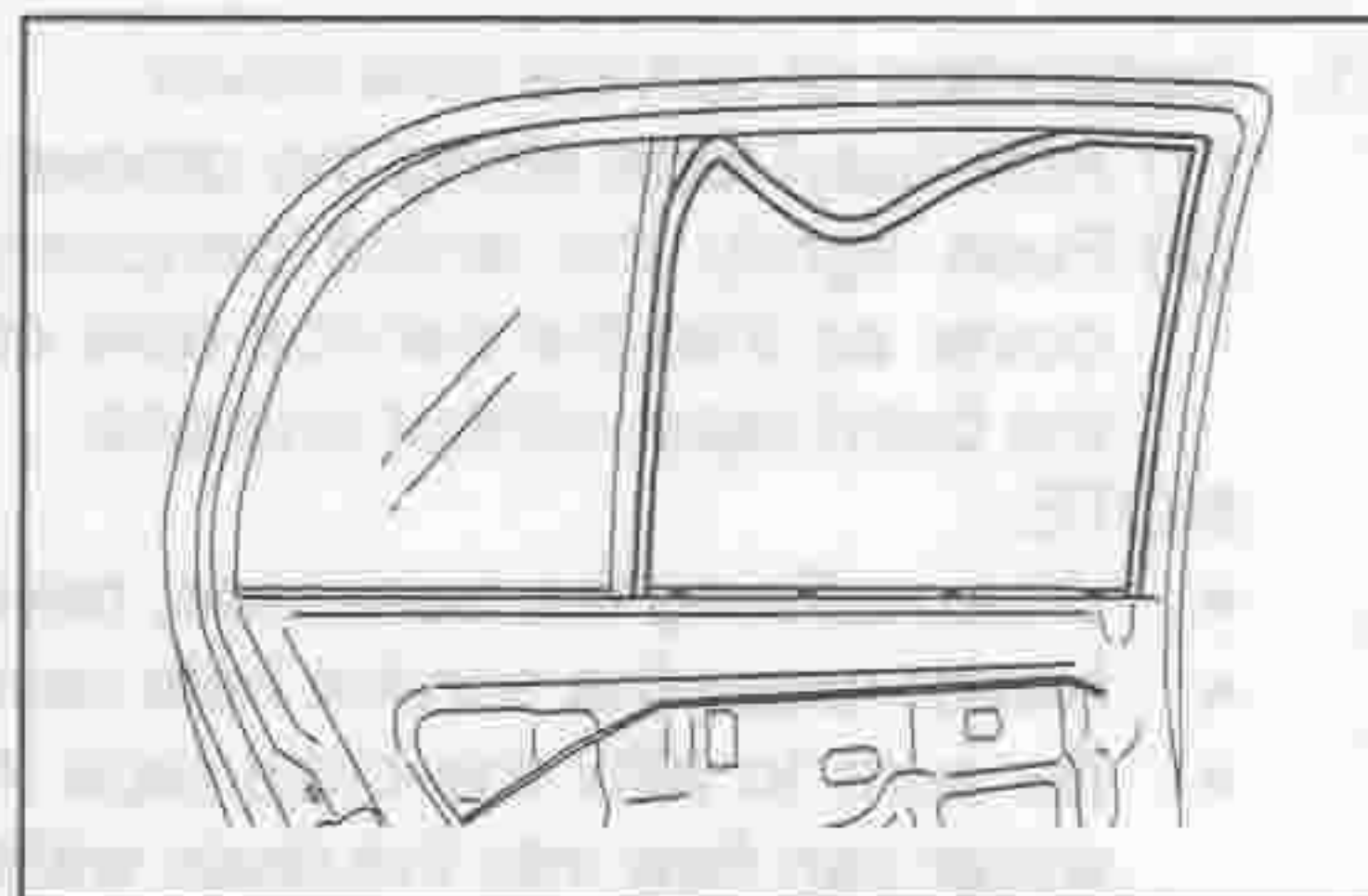
5. Temporarily install the rear door division bar.



LBO00078-00076

6. Installation of door glass run

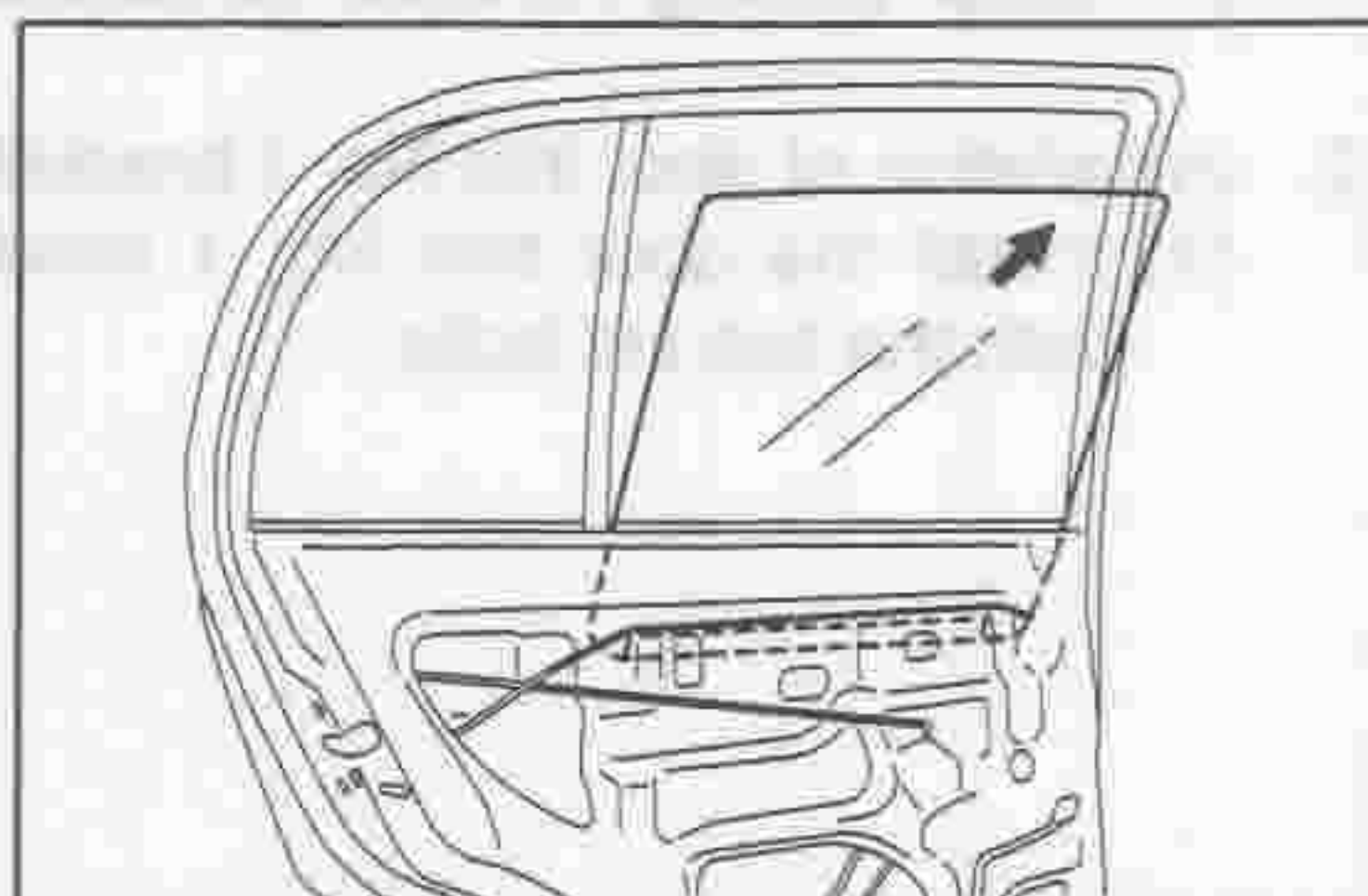
- (1) Install the glass run to the door frame.



LBO00079-00077

7. Installation of door glass

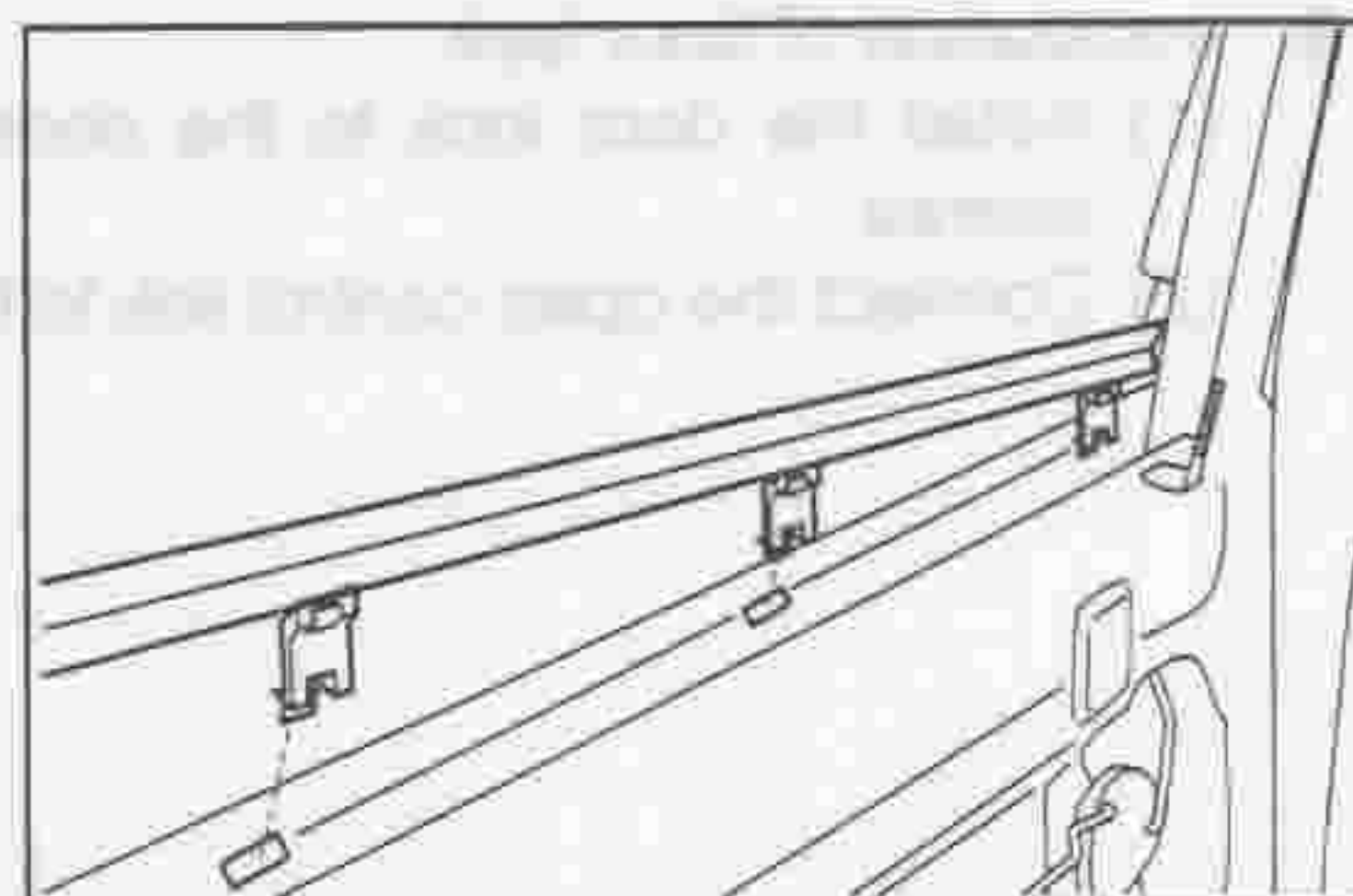
- (1) Insert the door glass to the glass run.
- (2) Tighten the division bar set bolt and screw.



LBO00080-00078

8. Installation of inner weatherstrip

- (1) Insert the clip to the door panel attaching hole securely.



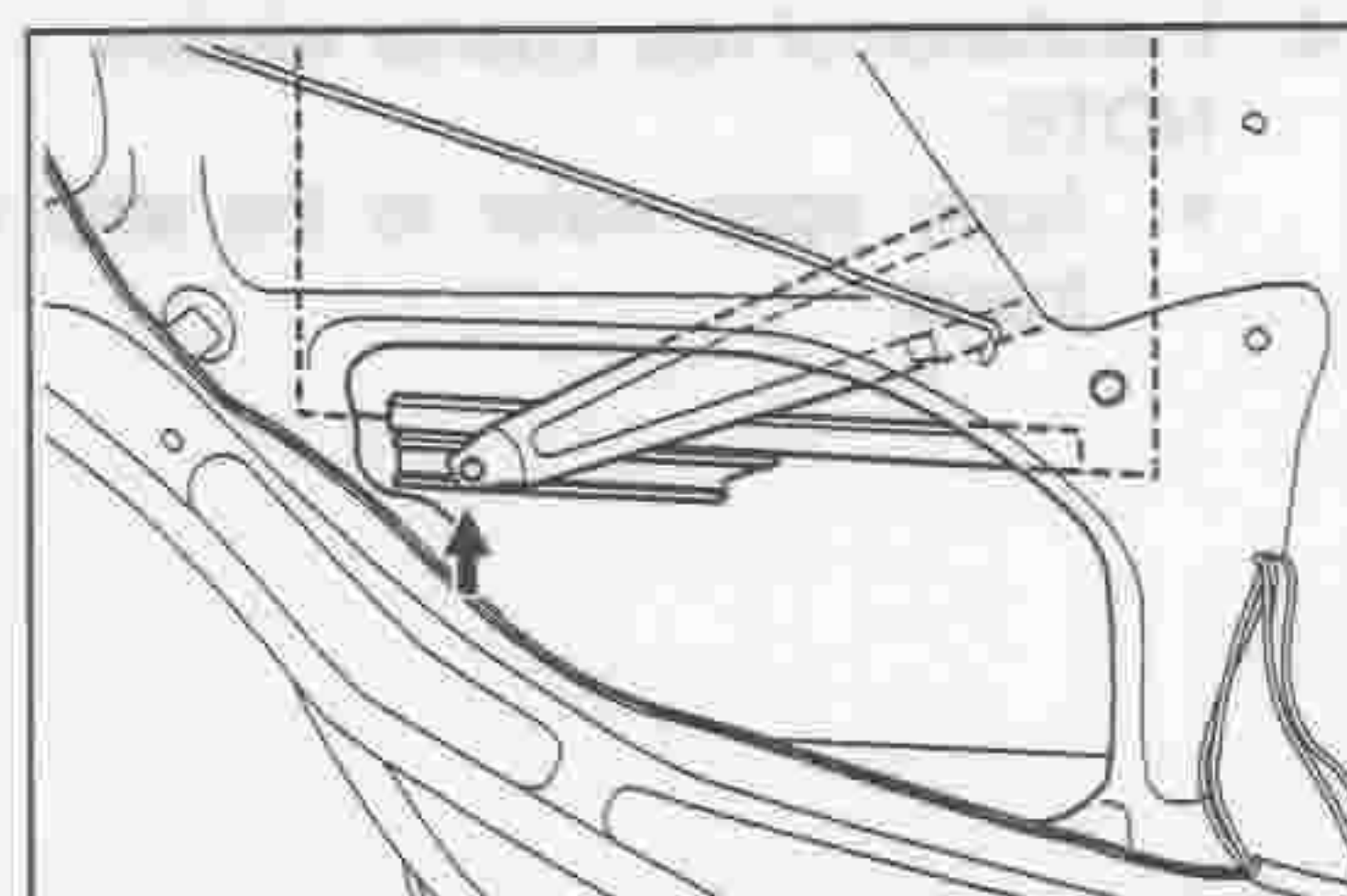
LBO00081-00079

9. Installation of regulator assembly

- (1) Place the roller in the rail section of the door glass channel.
- (2) Install the regulator assembly with the four set bolts.
- (3) Connect wiring at the connector of the power window motor (if so equipped).

NOTE:

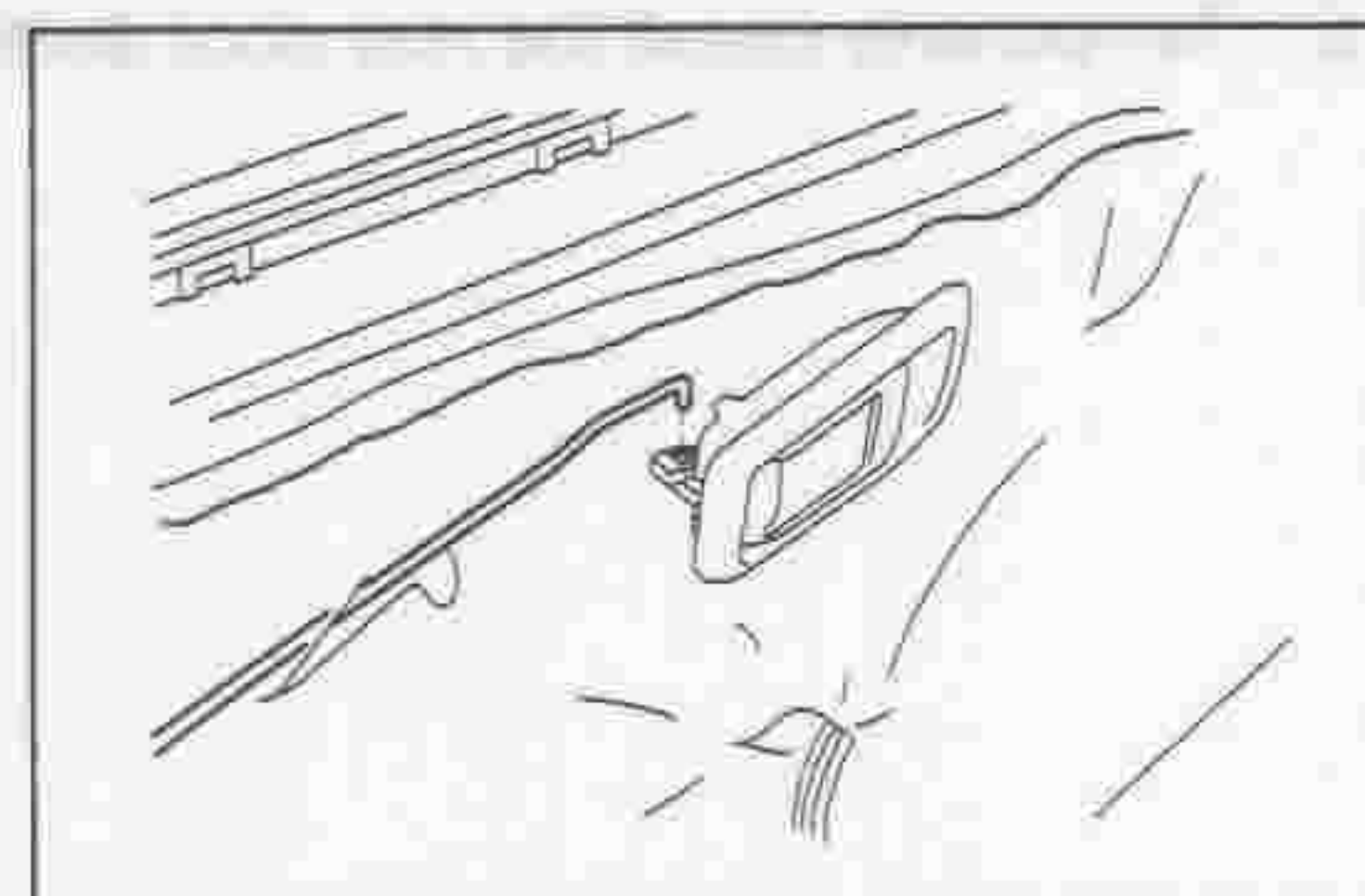
- Move the glass up and down several times to ensure that the glass moves smoothly.
- Make sure that the regulator and glass do not interfere with the wire harness or connector.



LBO00082-00080

10. Installation of inside handle

- (1) Install the open control link to the inside handle.



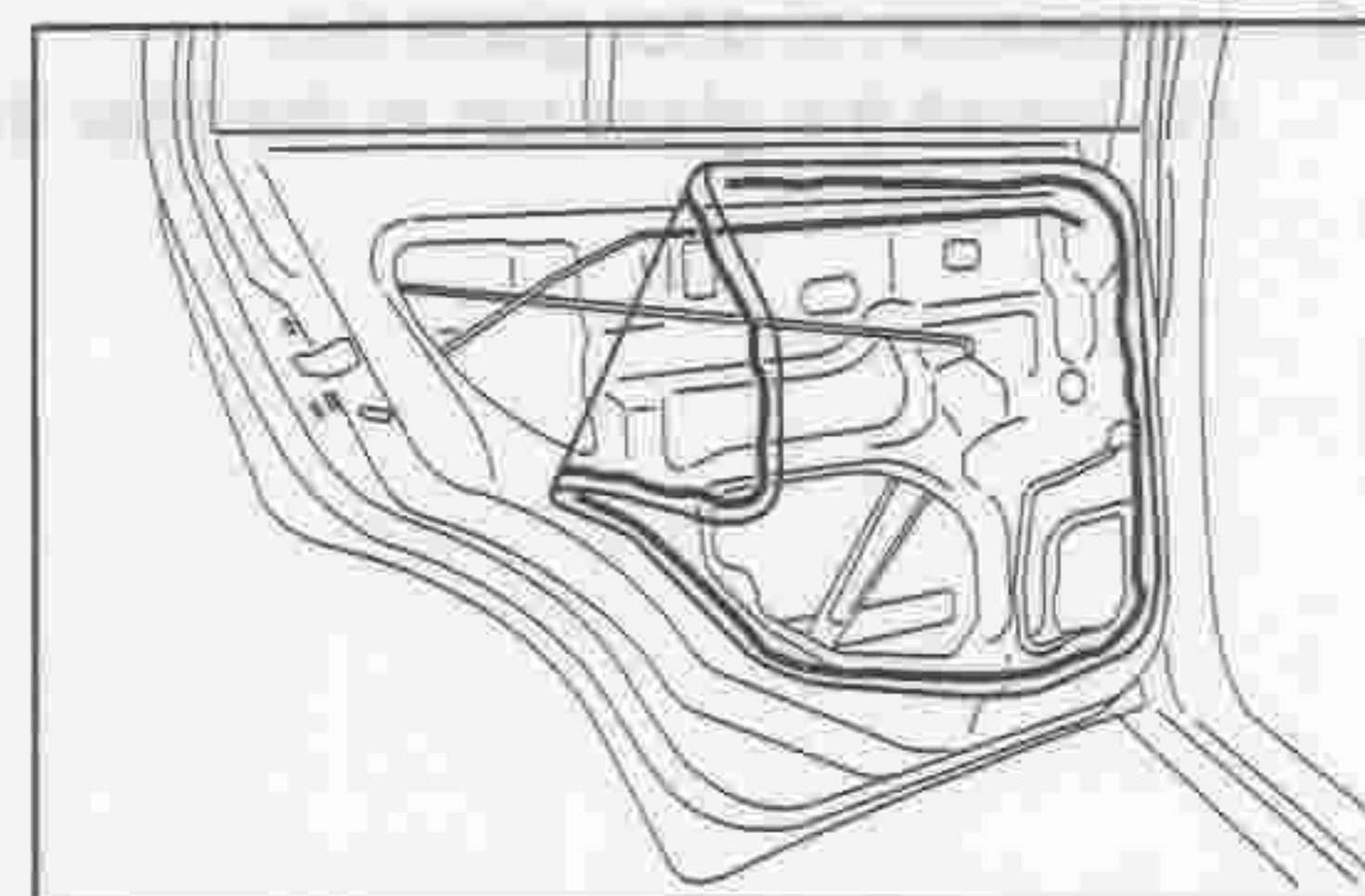
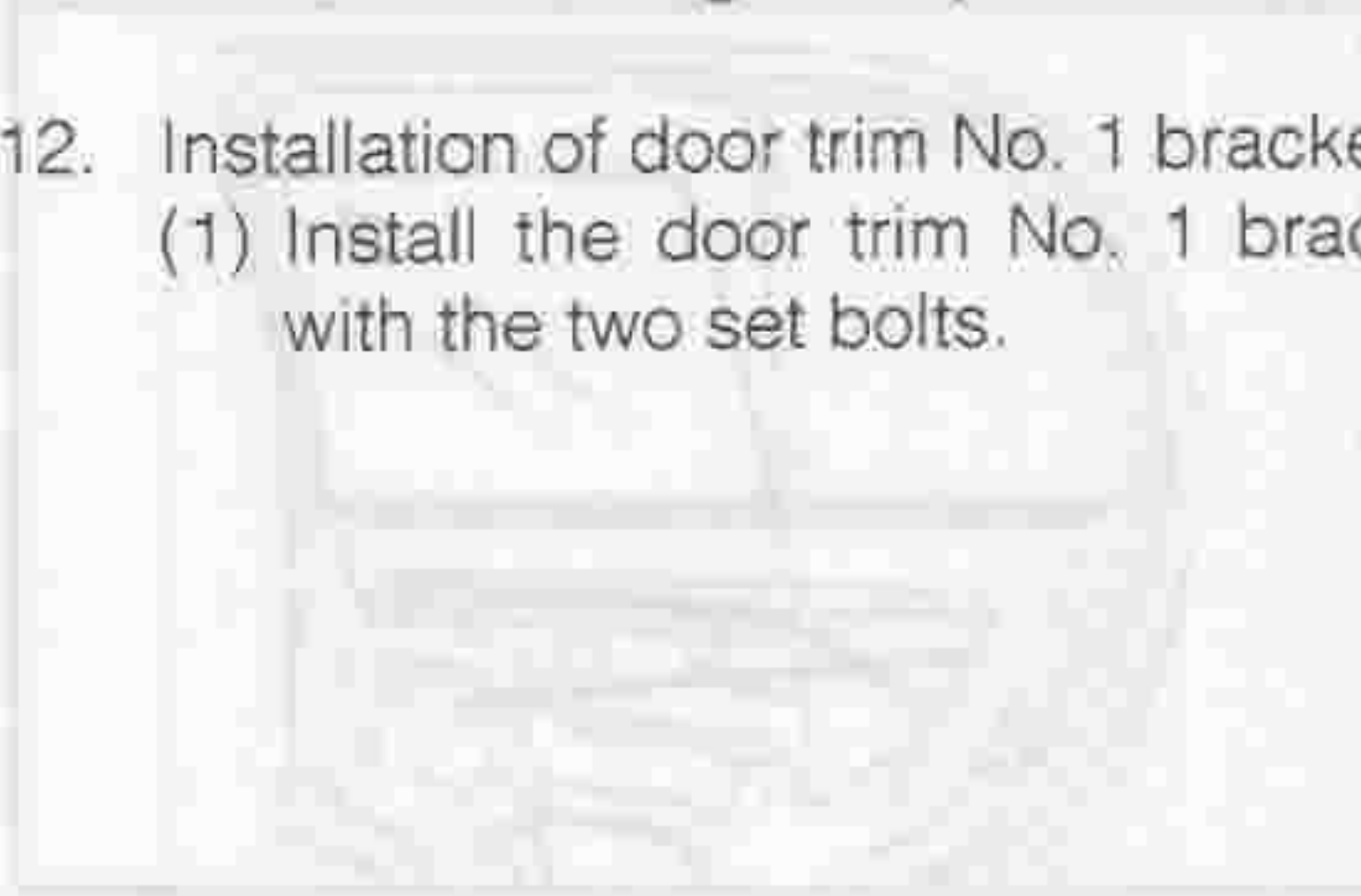
LBO00083-00081

11. Installation of service hole cover

- (1) Affix butyl tape along the groove of the door panel.
- (2) Push lightly the entire periphery of the service hole cover so that the service hole cover may contact with the butyl tape without any gap.

NOTE:

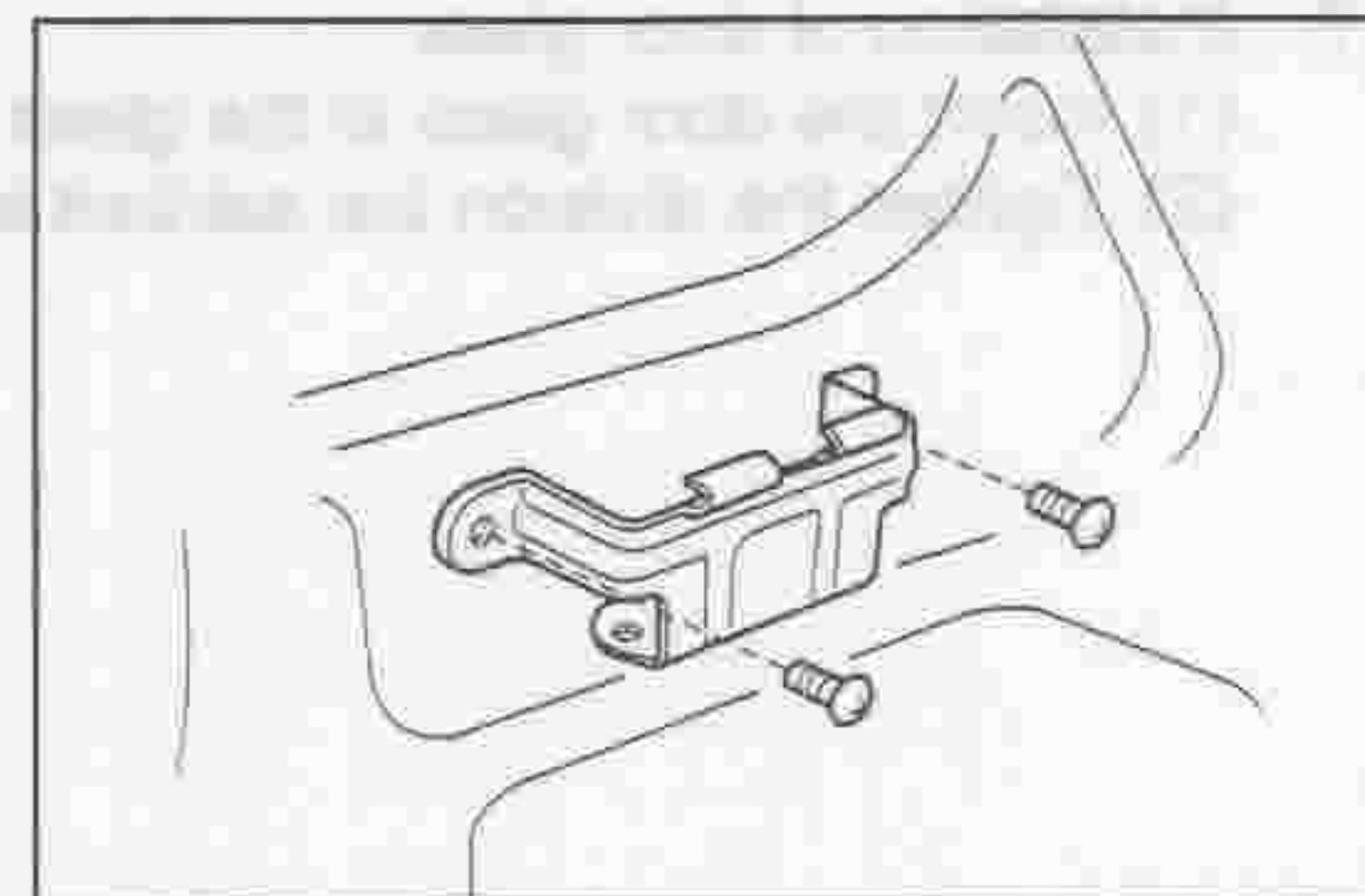
- When affixing the butyl tape, never stretch it.
- Never reuse the service hole cover if it has ruptured.
- Be sure to affix the butyl tape in a tilted state so that water can flow into the drain without fail.
- When affixing the tape, be careful not to make wrinkles.



LBO00084-00082

12. Installation of door trim No. 1 bracket

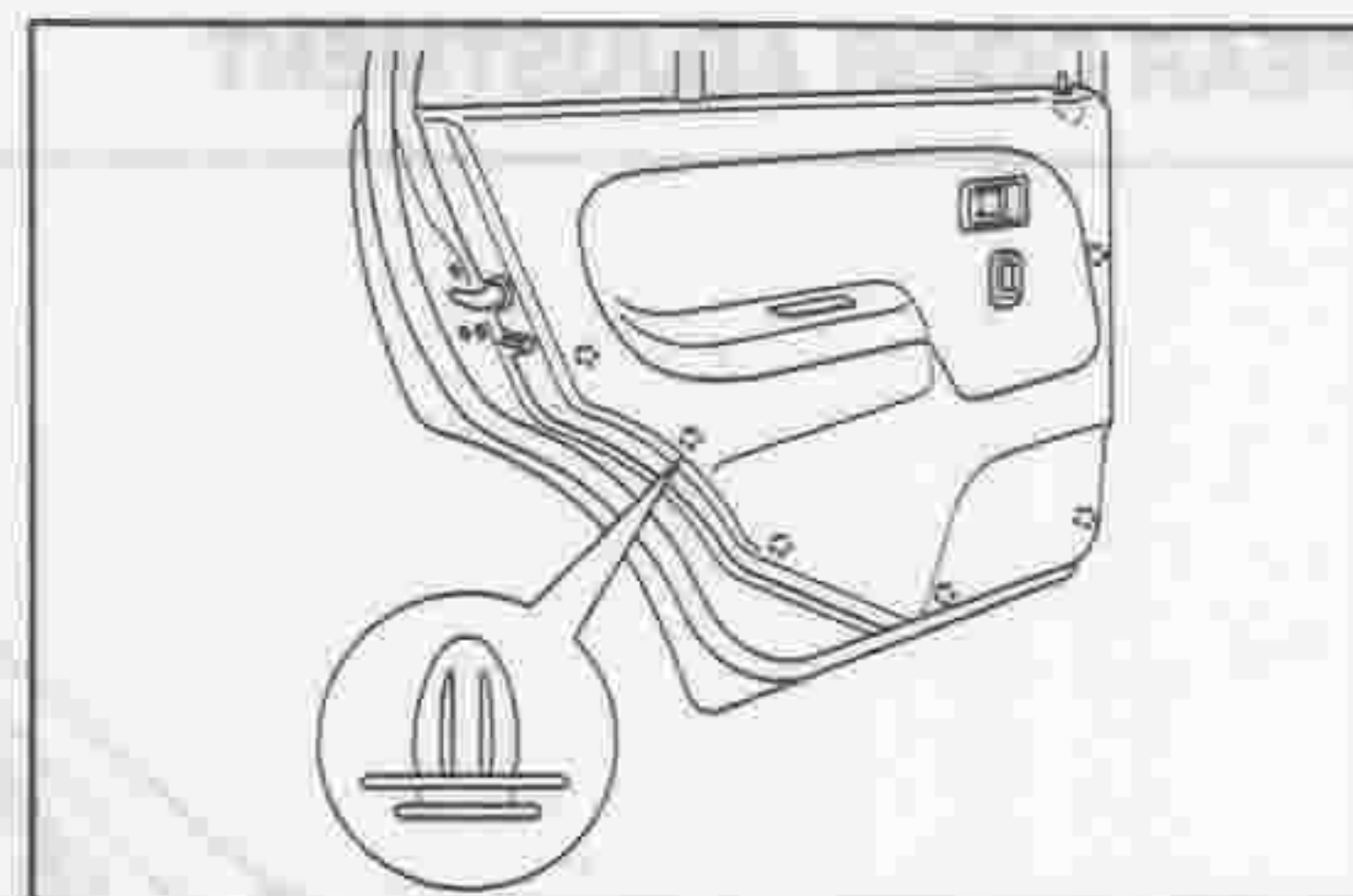
- (1) Install the door trim No. 1 bracket to the door panel with the two set bolts.



LBO00085-00083

13. Installation of door trim

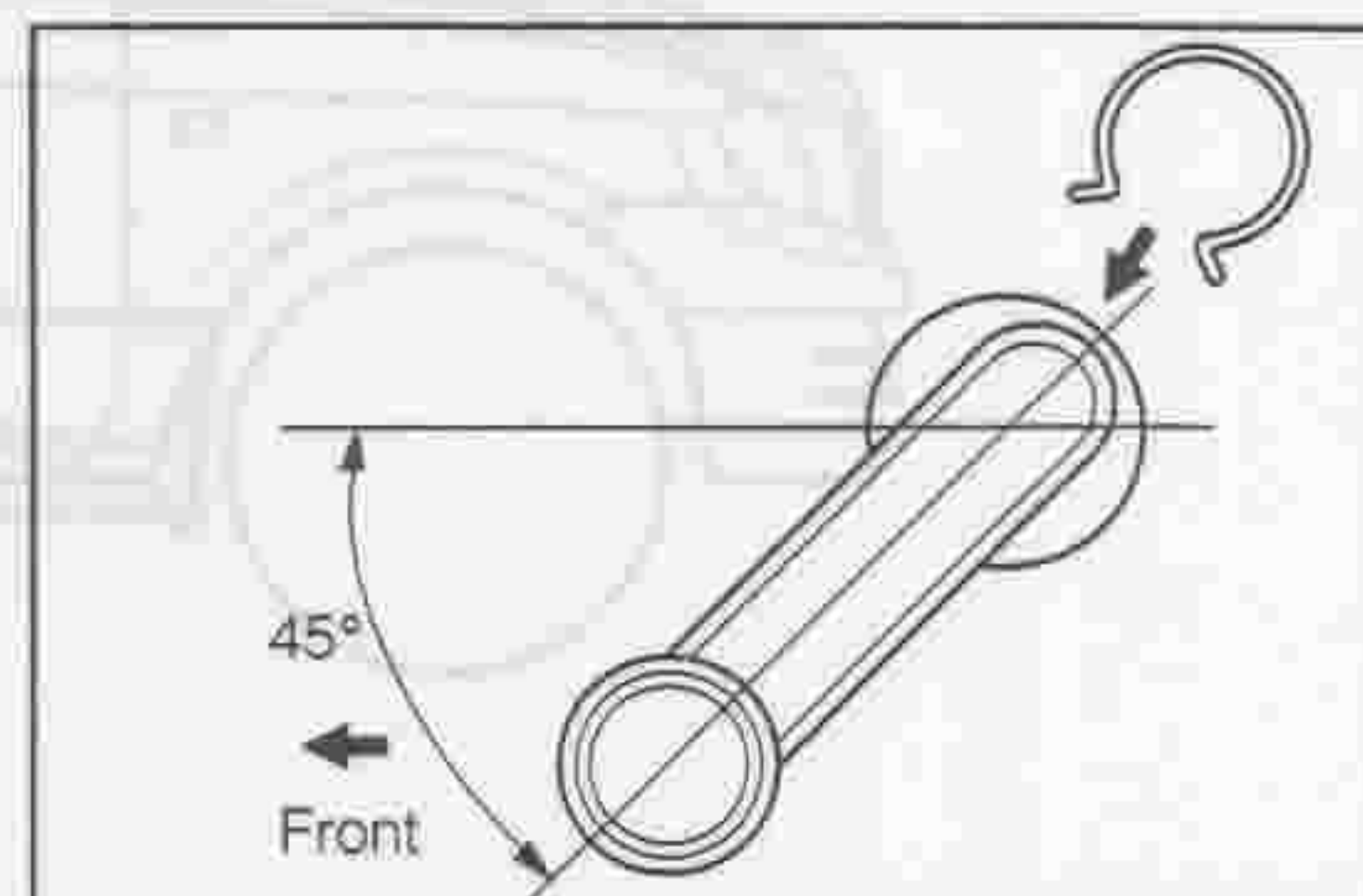
- (1) Connect wiring at the connector of the power window switch. (with power window)
- (2) Securely insert the retainer of the door trim into the door panel.



LBO00086-00084

14. Installation of regulator handle

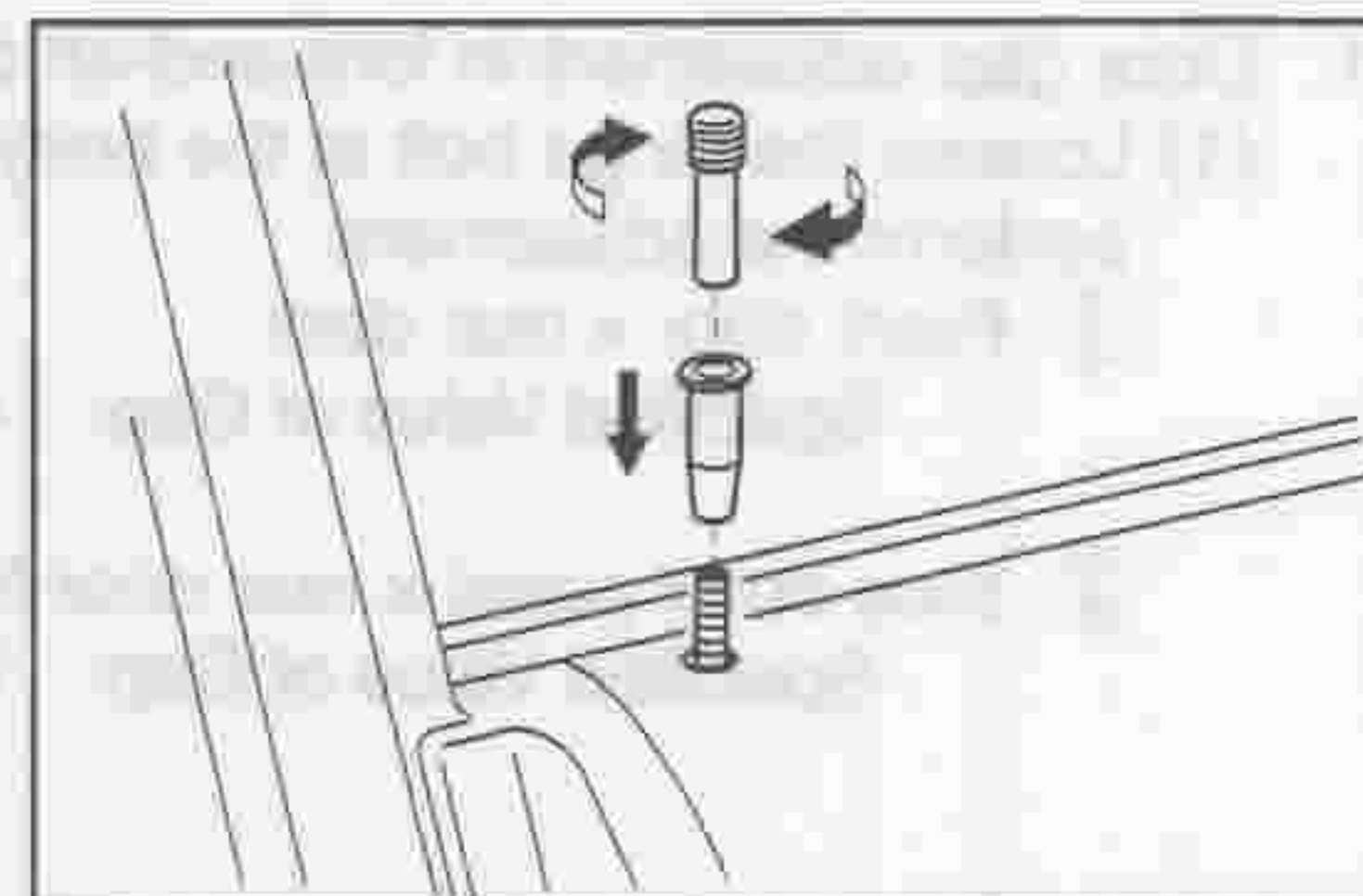
- (1) Fully close the window glass.
- (2) Install the handle at an angle shown in the right figure. Insert the snap ring.



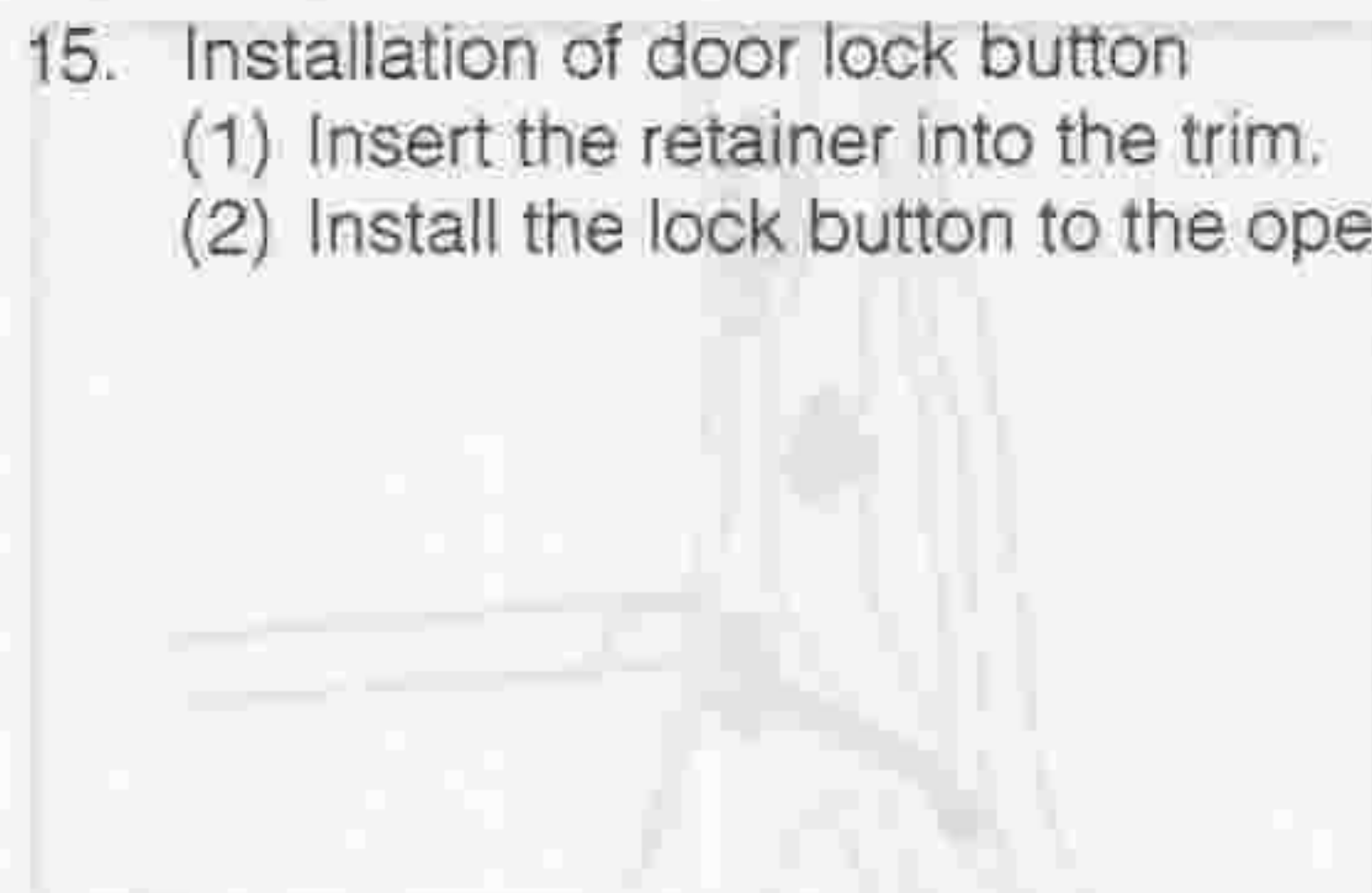
LBO00087-00085

15. Installation of door lock button

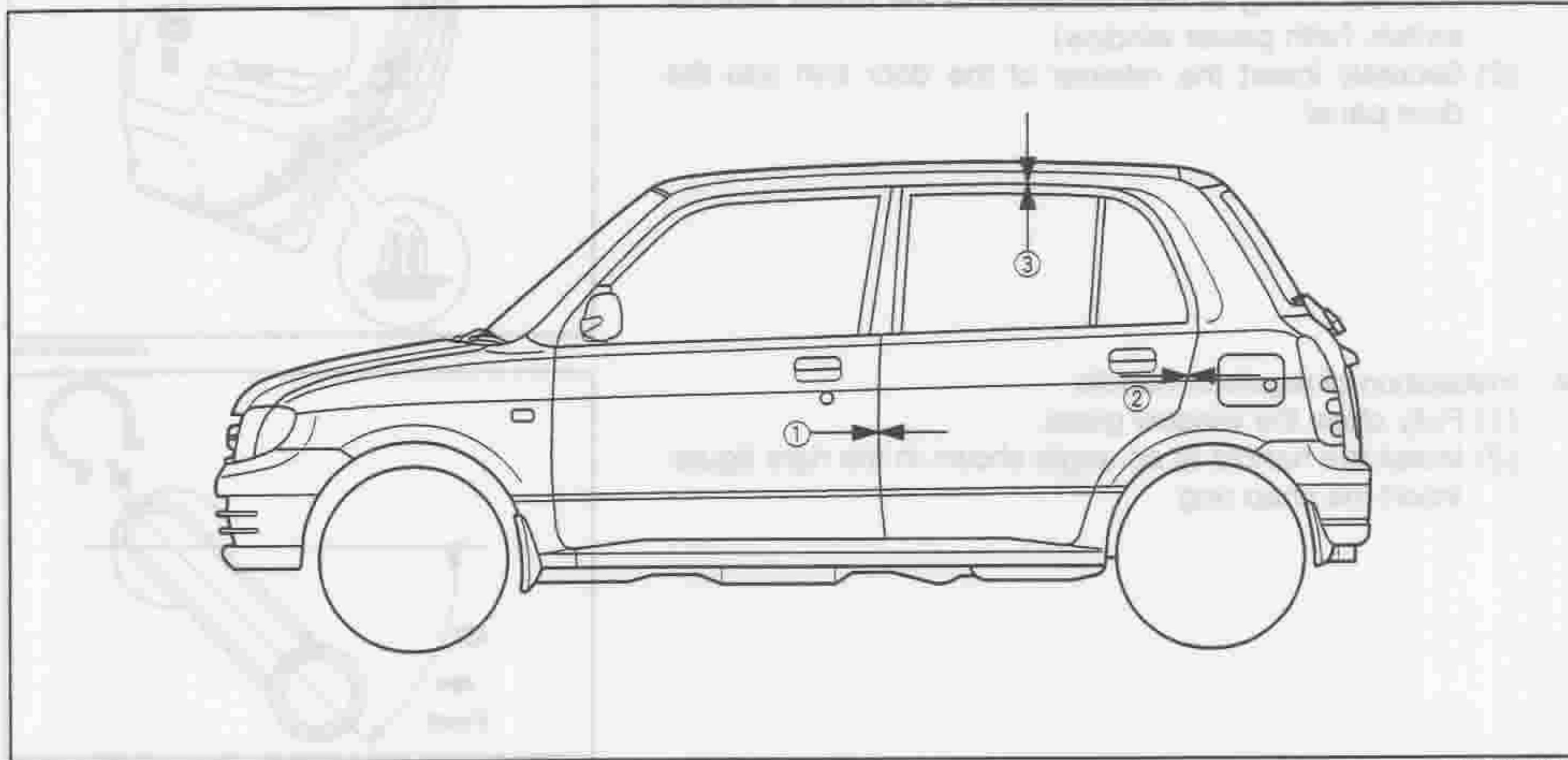
- (1) Insert the retainer into the trim.
- (2) Install the lock button to the open control link.



LBO00088-00086



REAR DOOR ADJUSTMENT



LBO00089-00087

1. Door gap adjustment in fore-and-aft direction

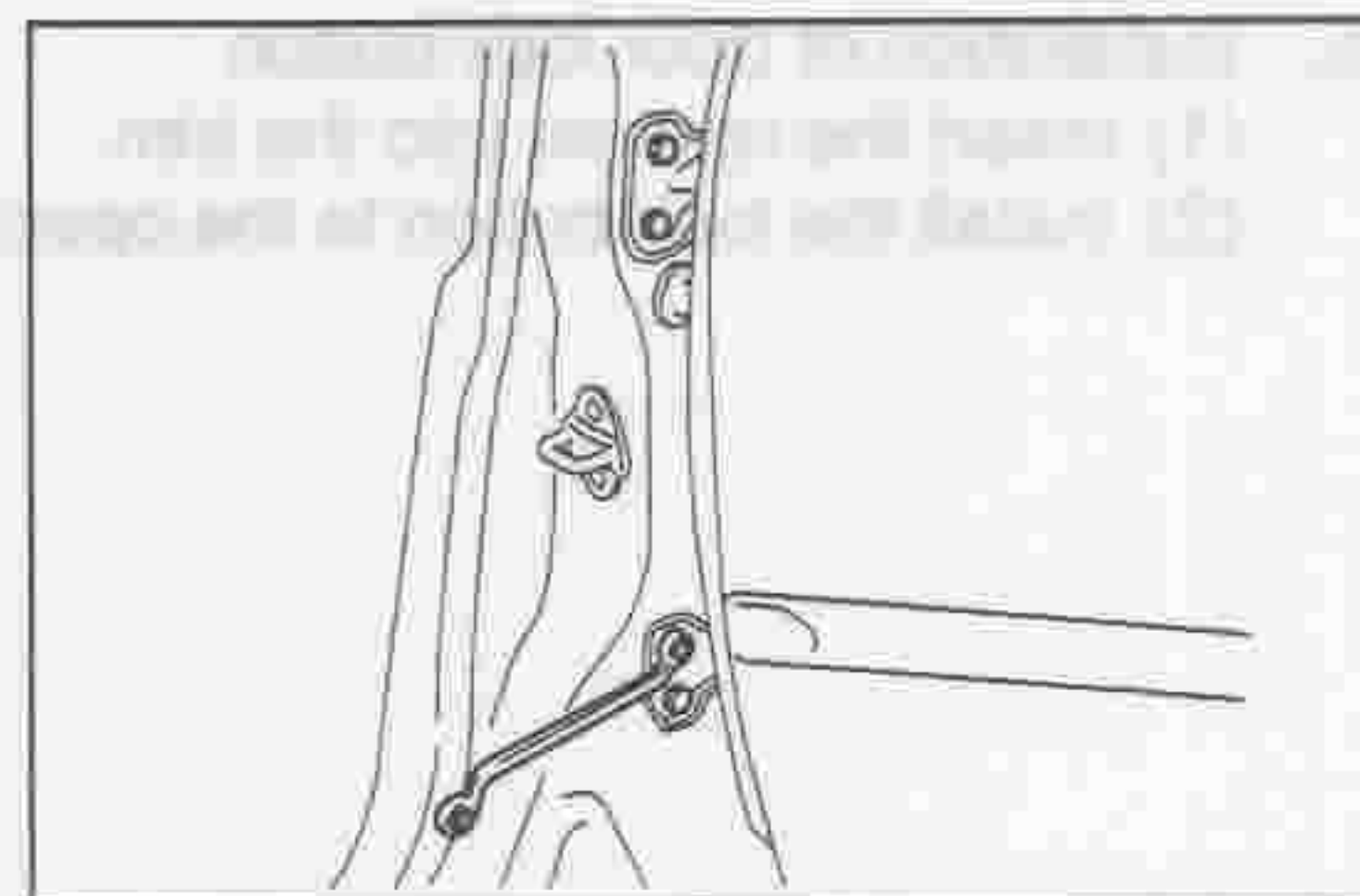
(1) Loosen the hinge bolt at the body side (pillar side) and perform the adjustment.

① Front door × rear door

Specified Value of Gap: 4.2 - 7.2 mm

② Side outer panel × rear door frame

Specified Value of Gap: 3.8 - 6.8 mm



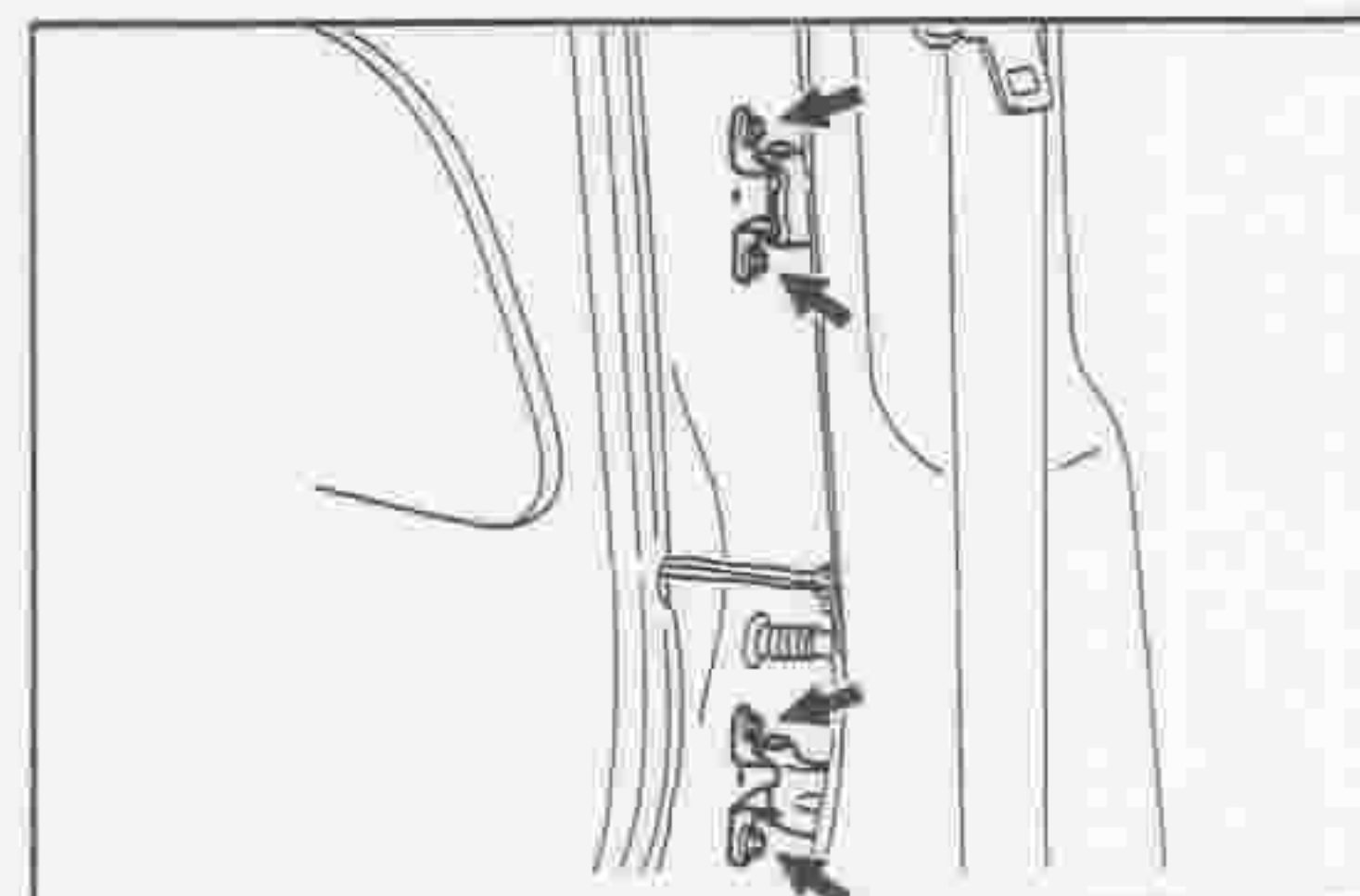
LBO00090-00088

2. Door gap adjustment in up-and-down direction

(1) Loosen the hinge bolt at the door side and perform the adjustment.

③ Side outer panel × door frame

Specified Value of Gap: 3.0 - 6.0 mm



LBO00091-00089

3. Door lock striker adjustment

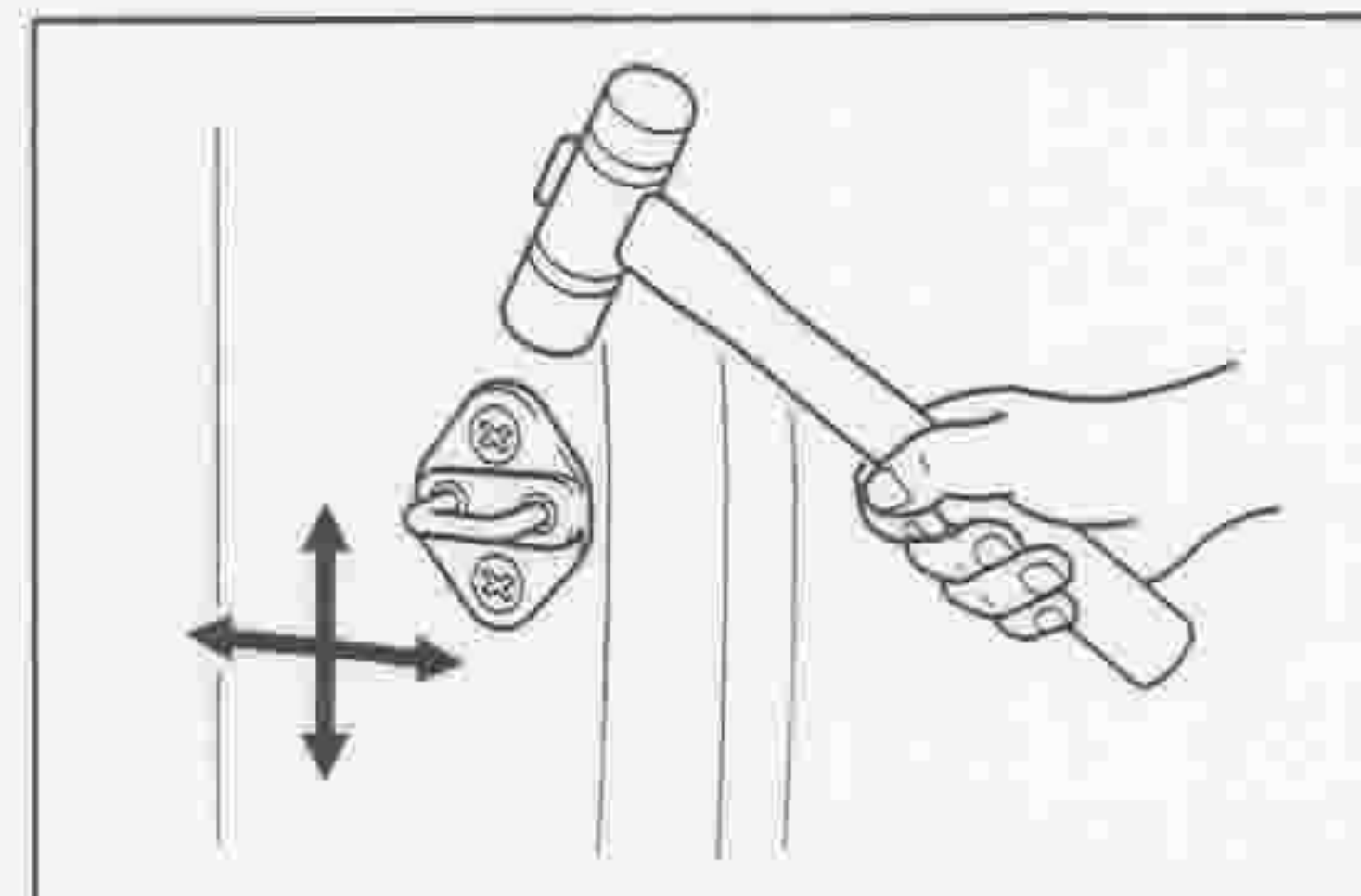
(1) Check to see if the door installation and lock linkage adjustment have been performed correctly.

(2) Lightly loosen the striker attaching bolt.

(3) Adjust the striker position by tapping the striker with a plastic hammer.

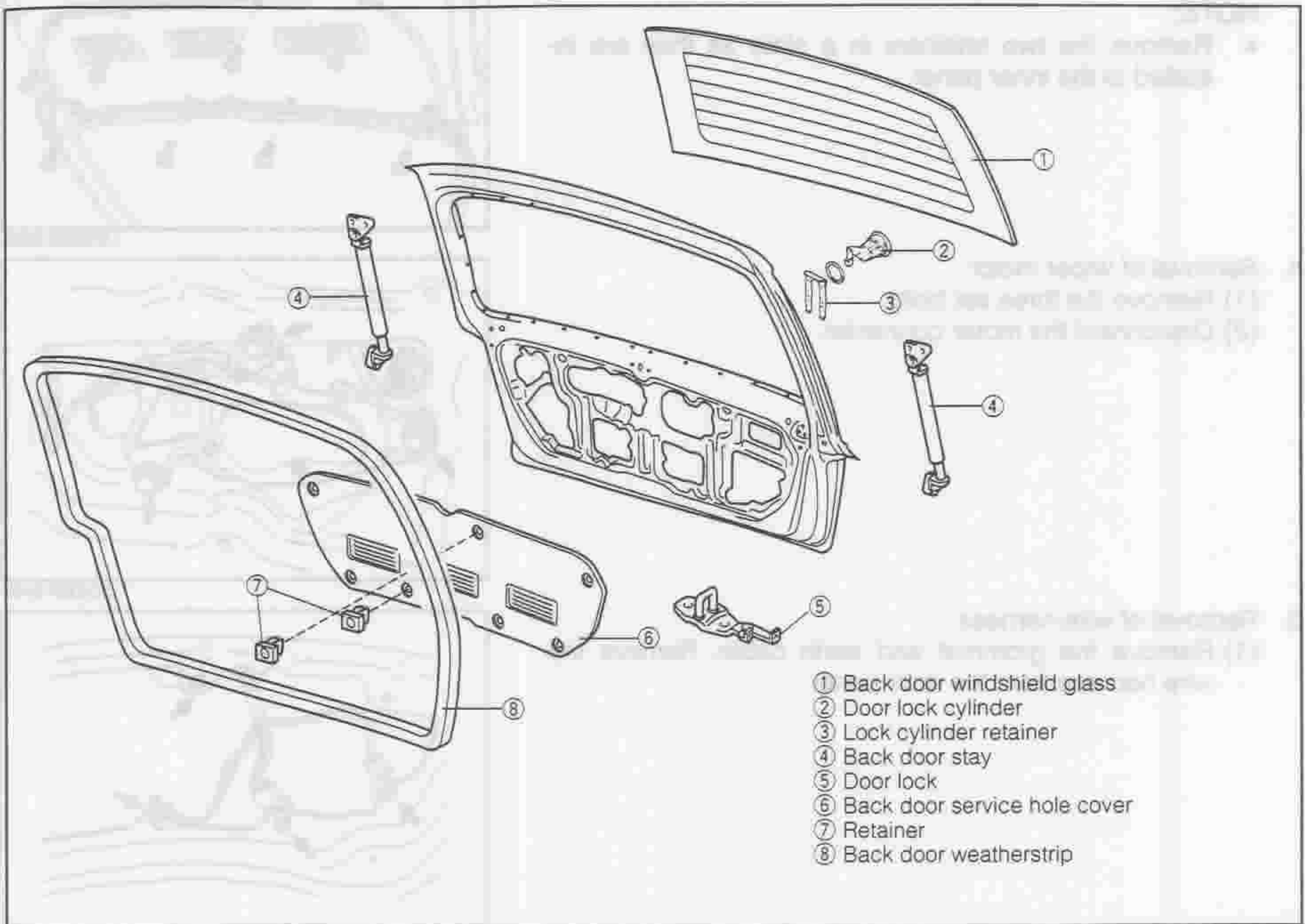
NOTE:

- Affix protective tape to the paint surface to protect the surface from being scratched.



LBO00092-00090

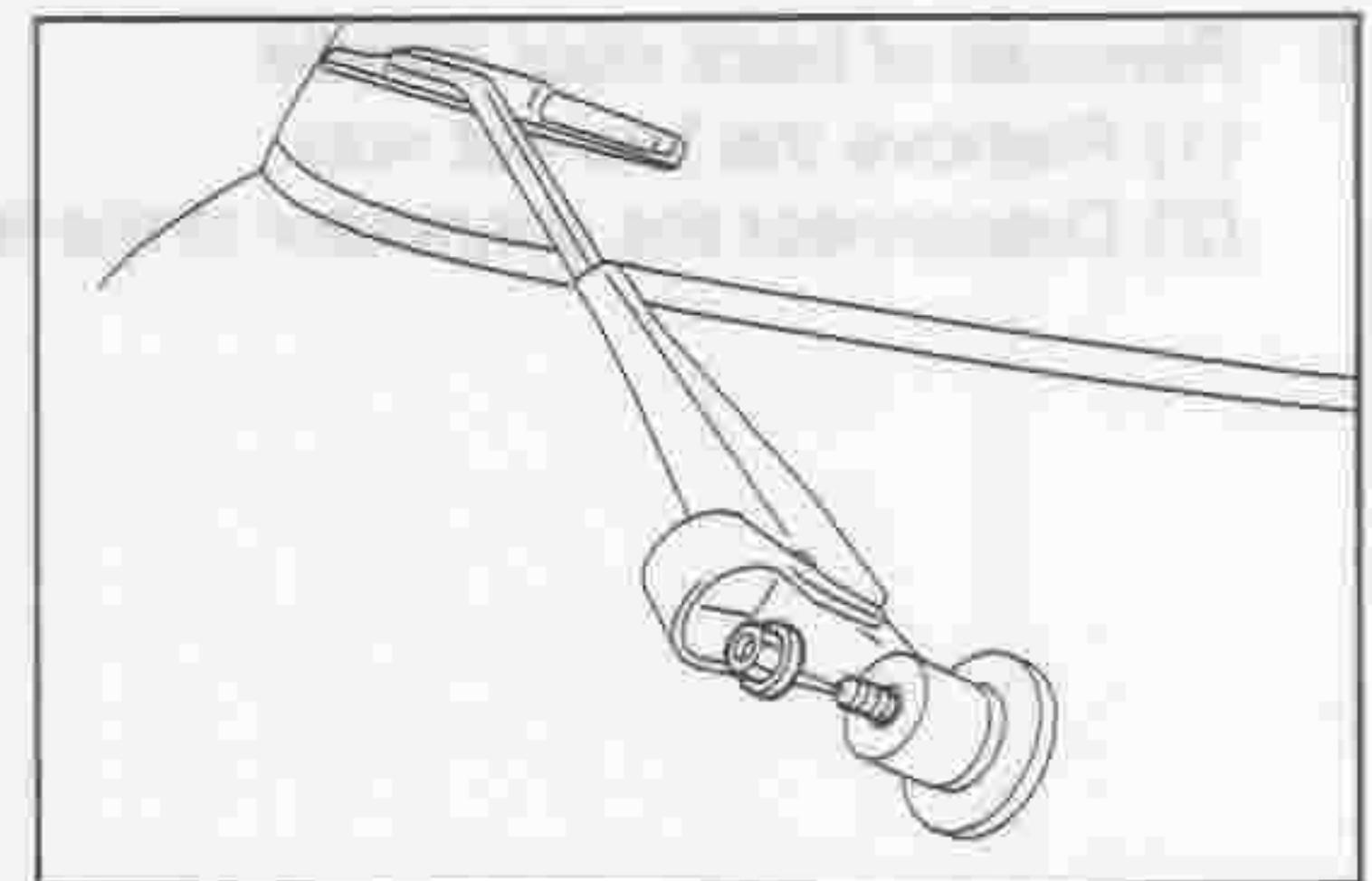
BACK DOOR COMPONENTS



LBO00093-00091

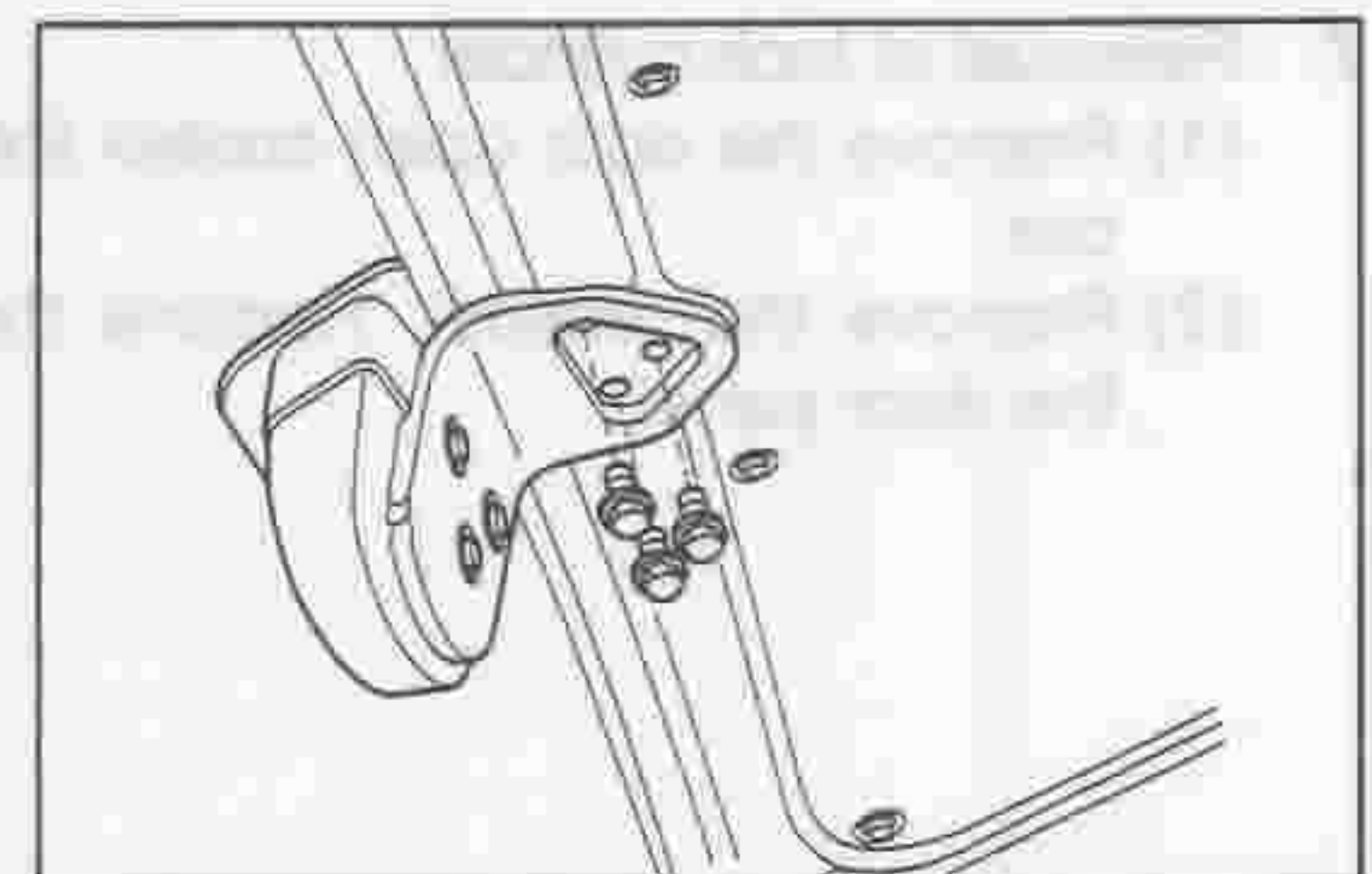
DISASSEMBLY

1. Removal of wiper arm
 - (1) Remove the wiper arm with blade by removing the set nut.



LBO00094-00092

2. Removal of high mount stop lamp (if so equipped)
 - (1) Remove the stop lamp by removing the three set screws.
 - (2) Disconnect the stop lamp harness connector.



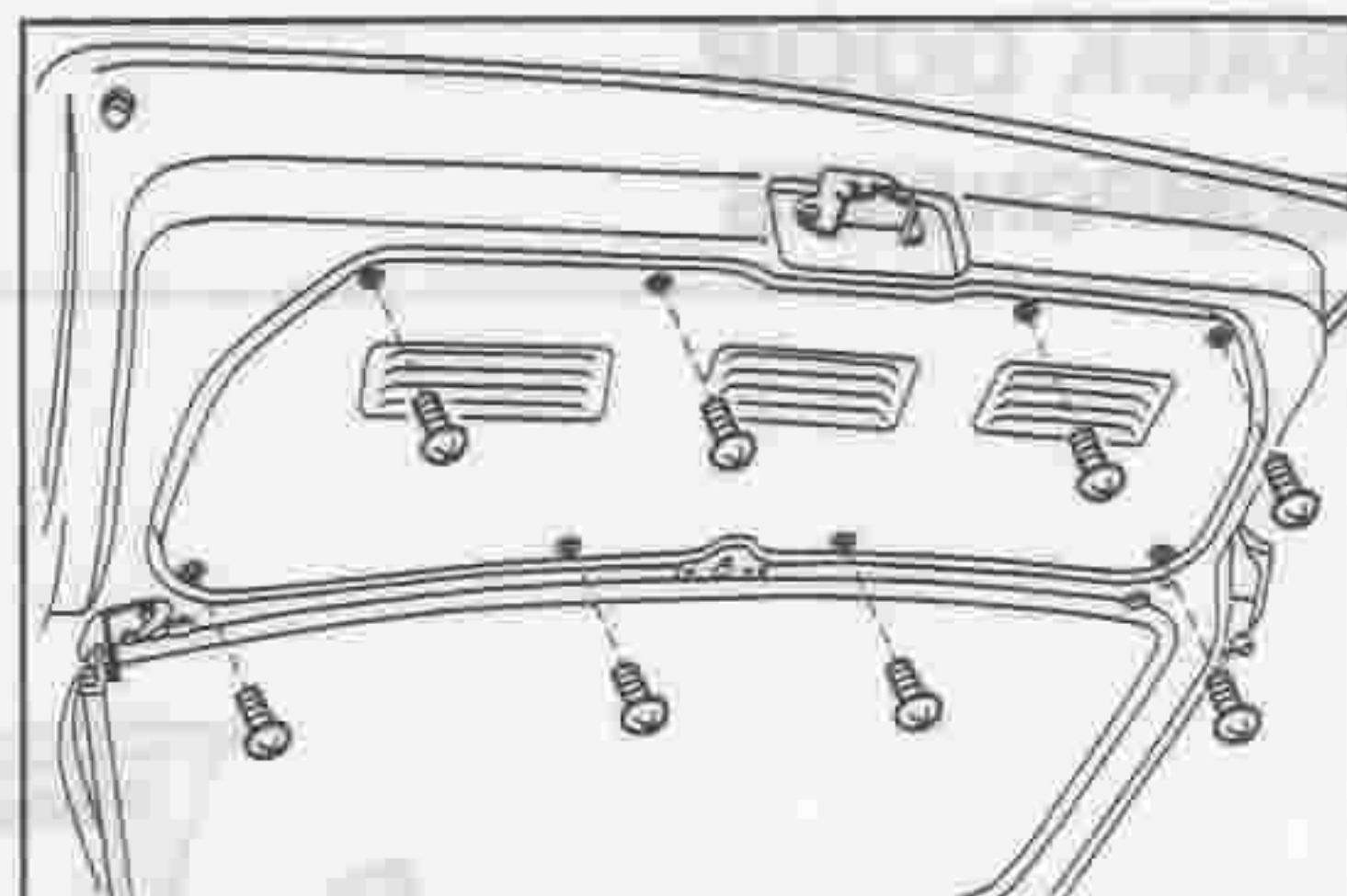
LBO00095-00093

3. Removal of door inner panel

- (1) Remove the inner panel by removing the eight set screws.

NOTE:

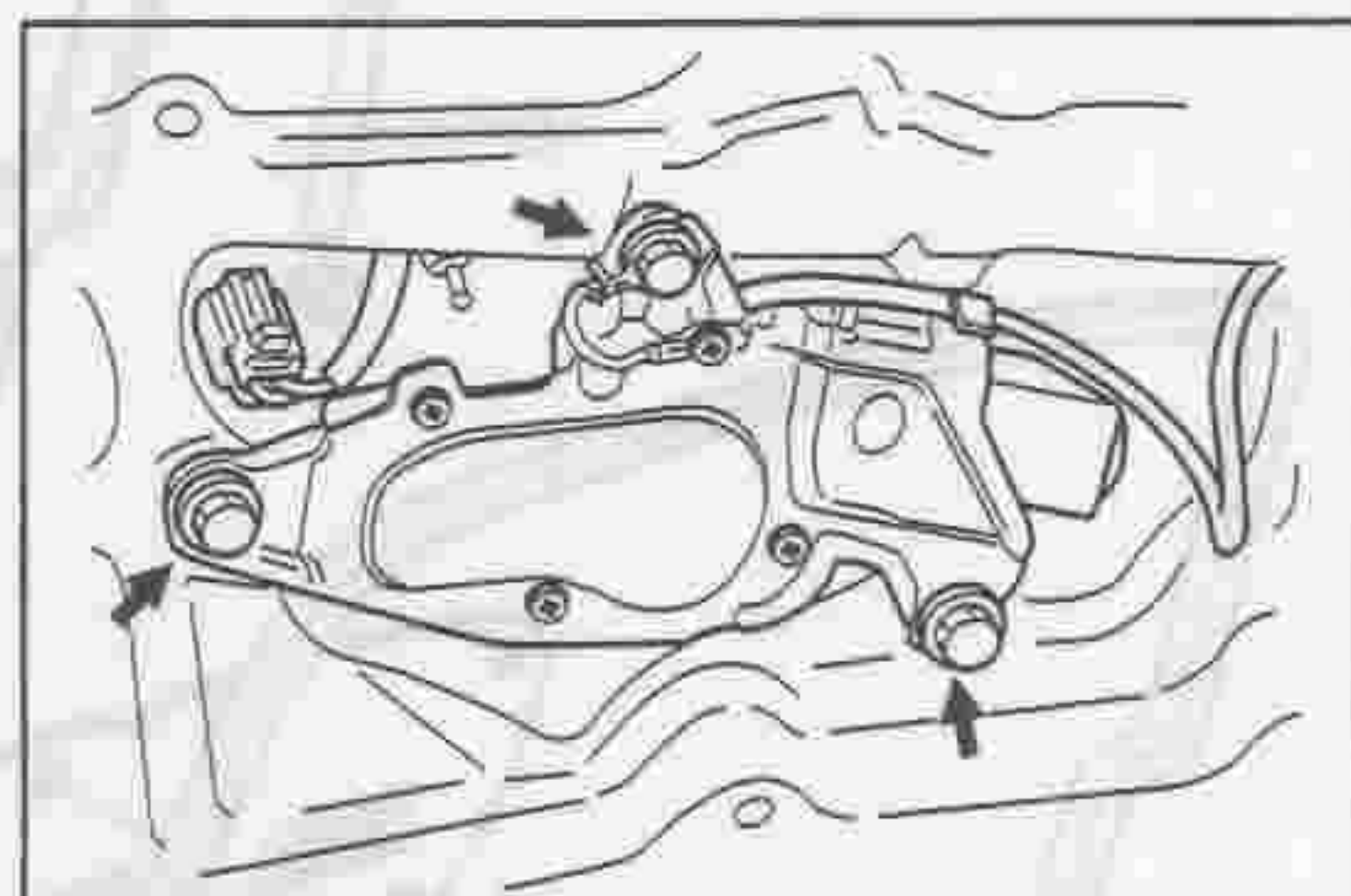
- Remove the two retainers in a state as they are installed to the inner panel.



LBO00096-00094

4. Removal of wiper motor

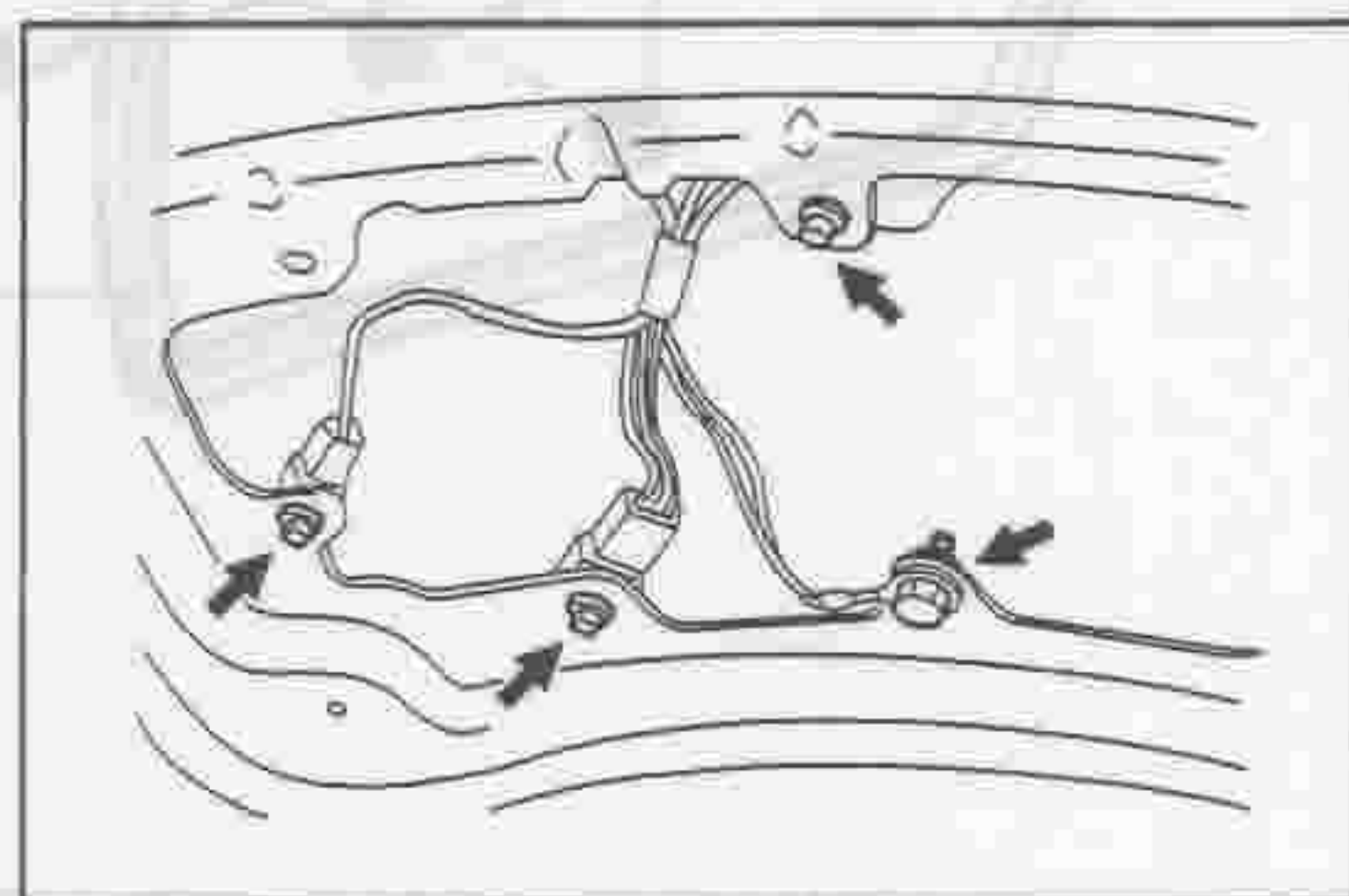
- (1) Remove the three set bolts.
- (2) Disconnect the motor connector.



LBO00097-00095

5. Removal of wire harness

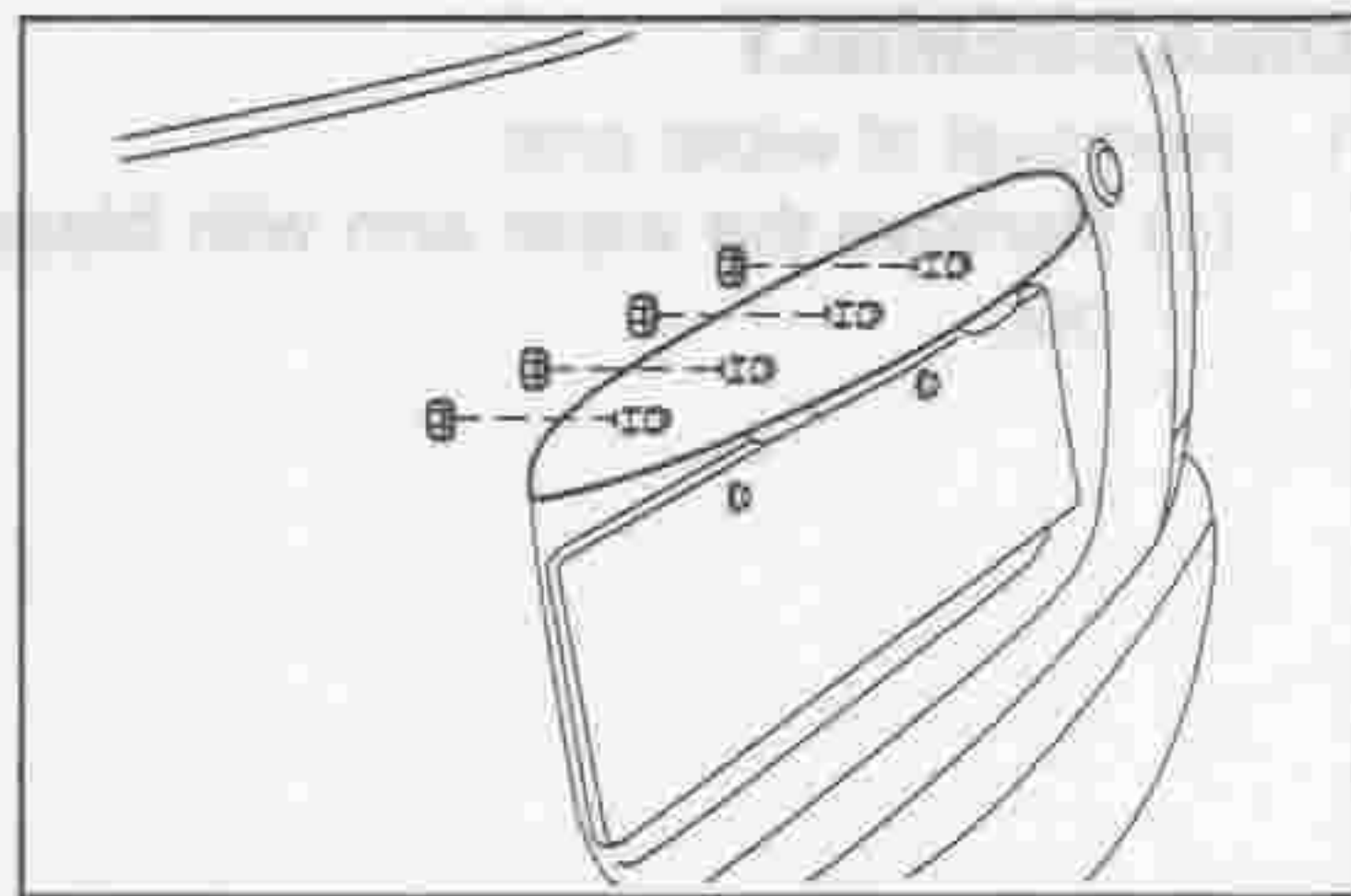
- (1) Remove the grommet and earth cable. Remove the wire harness from the door panel.



LBO00098-00096

6. Removal of back door handle

- (1) Remove the four set nuts.
- (2) Disconnect the connector of the license plate lamp.



LBO00099-00097

7. Removal of lock cylinder

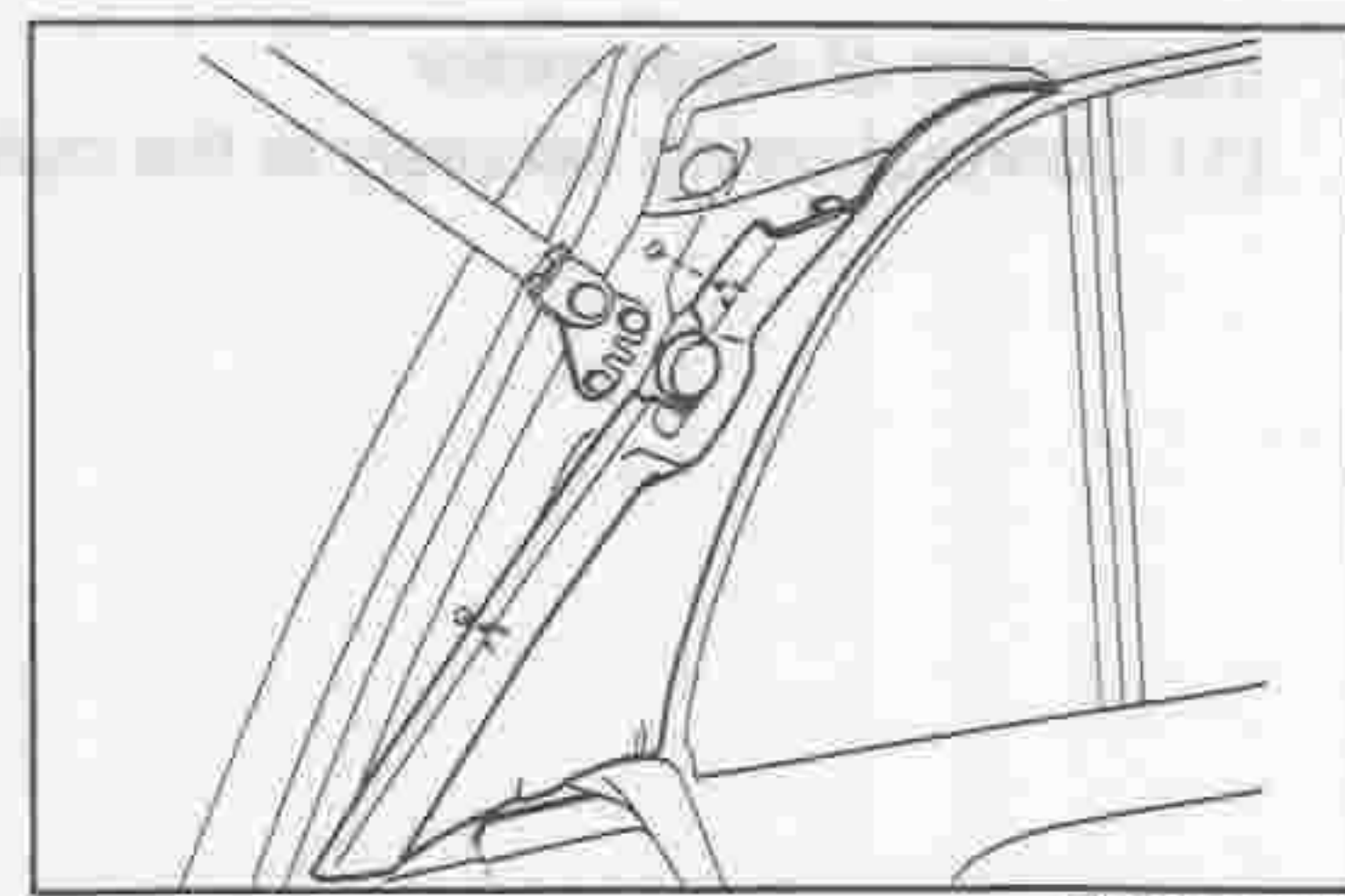
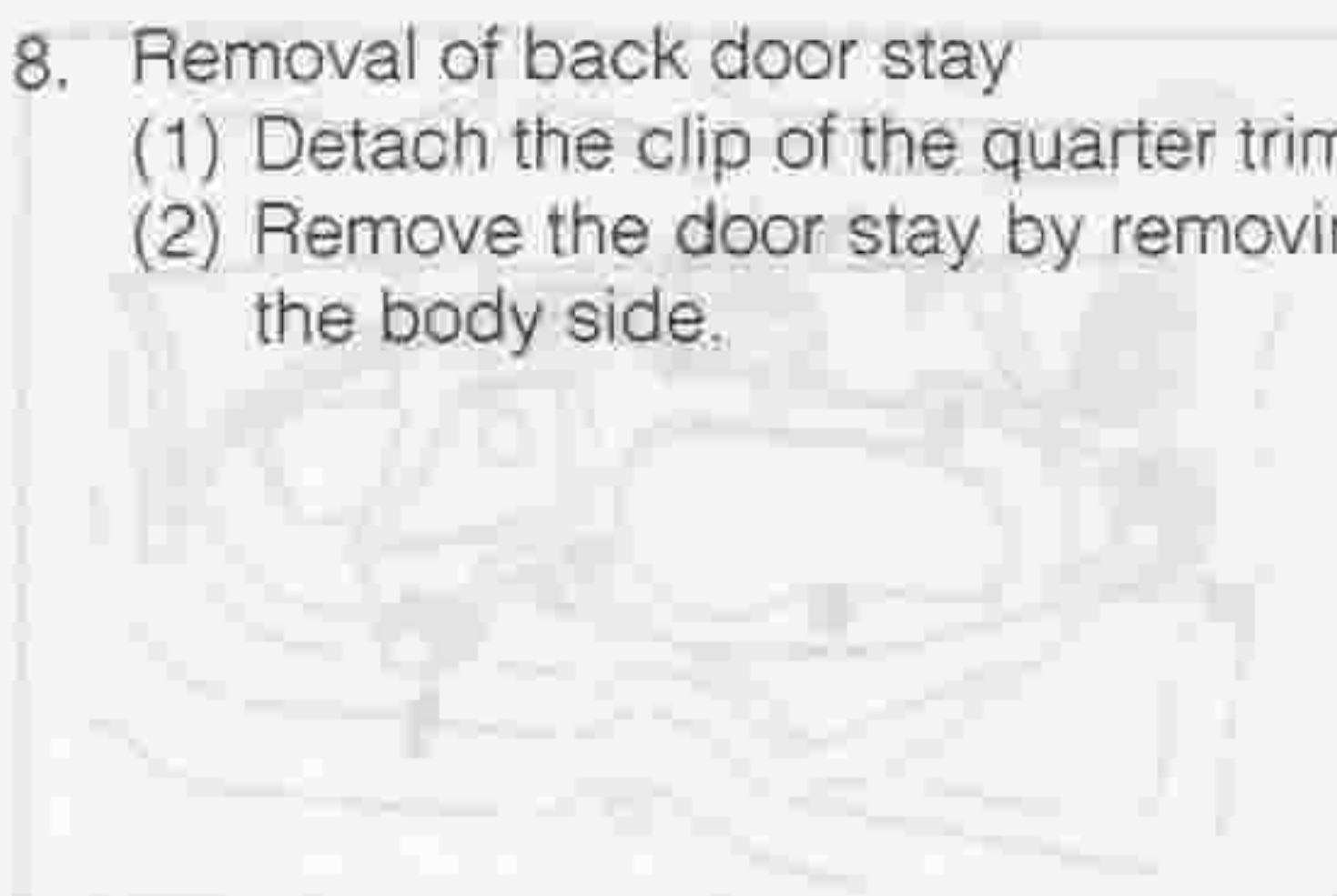
- (1) Remove the door open control link from the lock cylinder.
- (2) Remove the retainer. Remove the lock cylinder from the door panel.



LBO00100-00098

8. Removal of back door stay

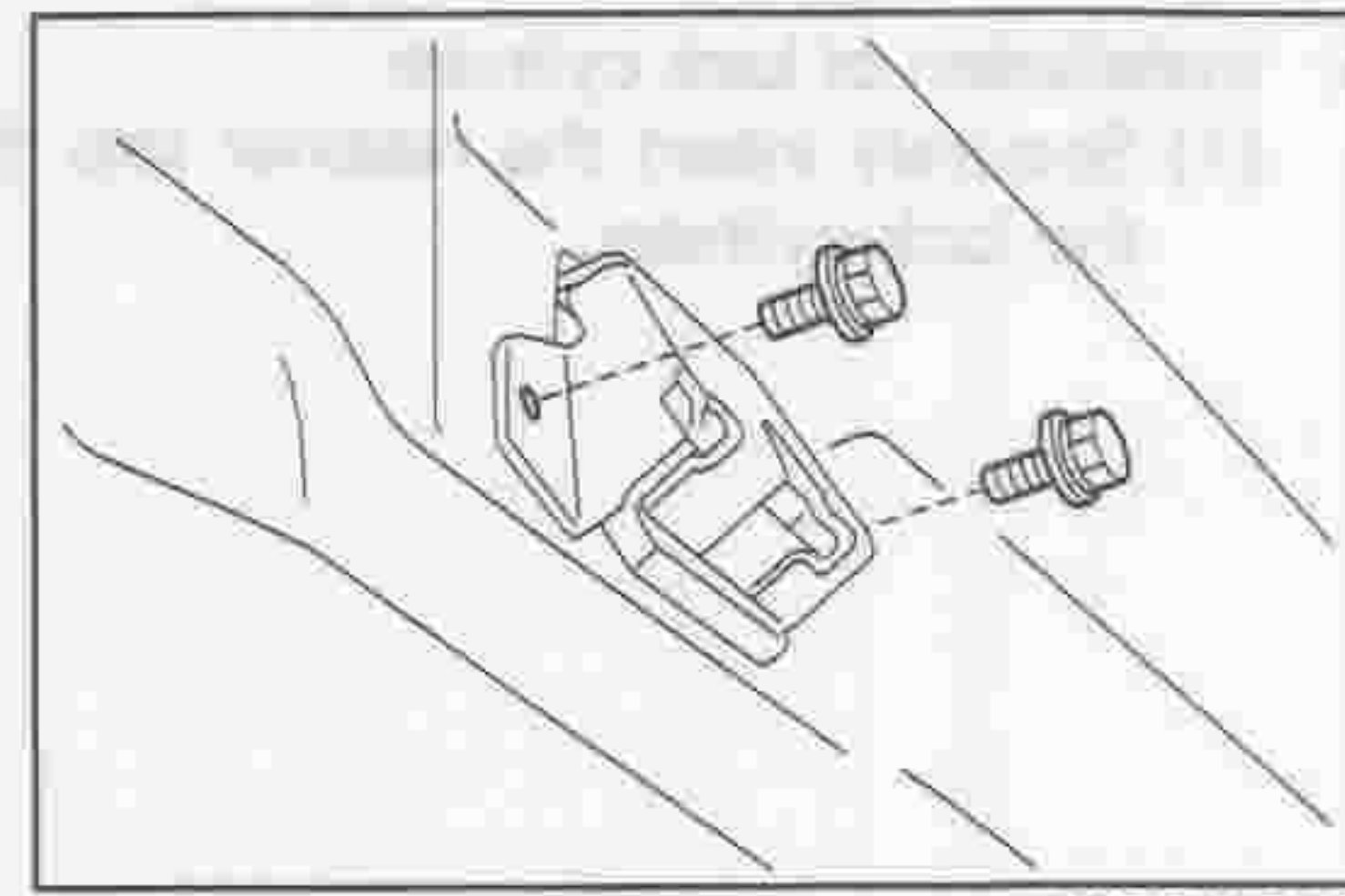
- (1) Detach the clip of the quarter trim.
- (2) Remove the door stay by removing the two set bolts at the body side.



LBO00101-00099

9. Removal of door lock

- (1) Remove the two set bolts.
- (2) Remove the door open control link. Remove the door lock from the panel.

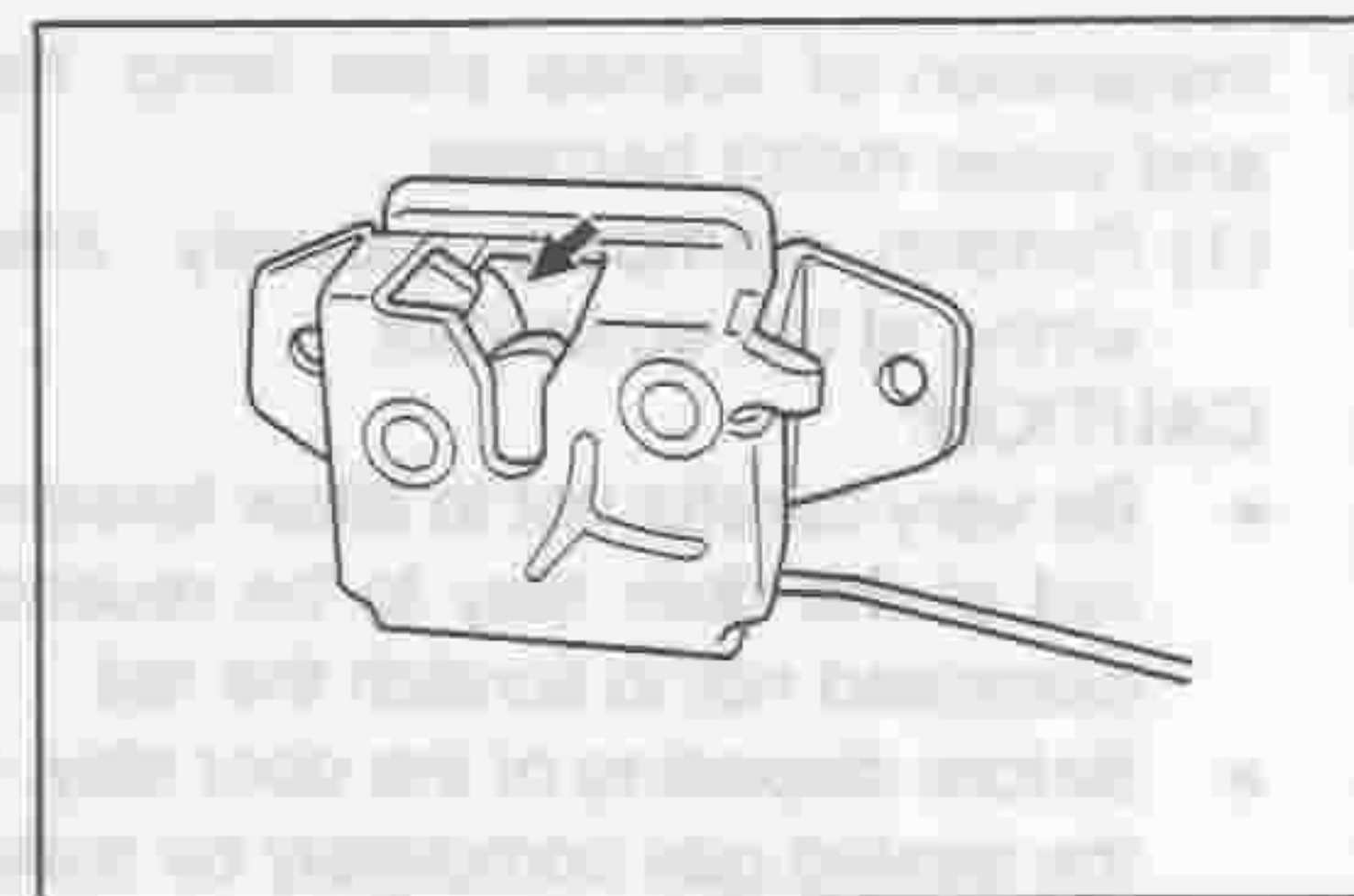


LBO00102-00100

ASSEMBLY

Reverse the disassembling procedure to perform the assembly.

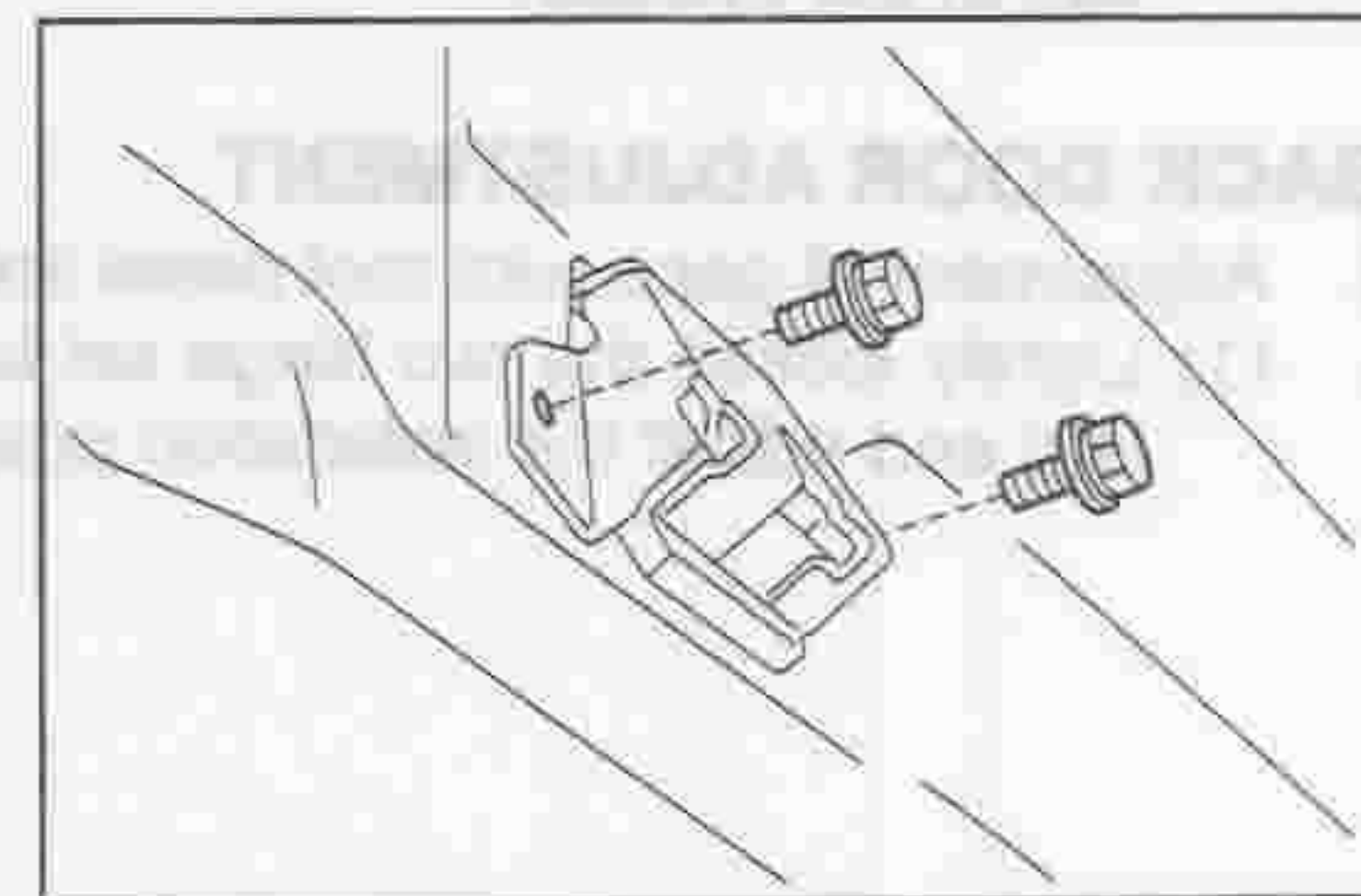
1. Apply MP grease to the moving sections of the door lock.



LBO00103-00101

2. Installation of back door stays (right and left)

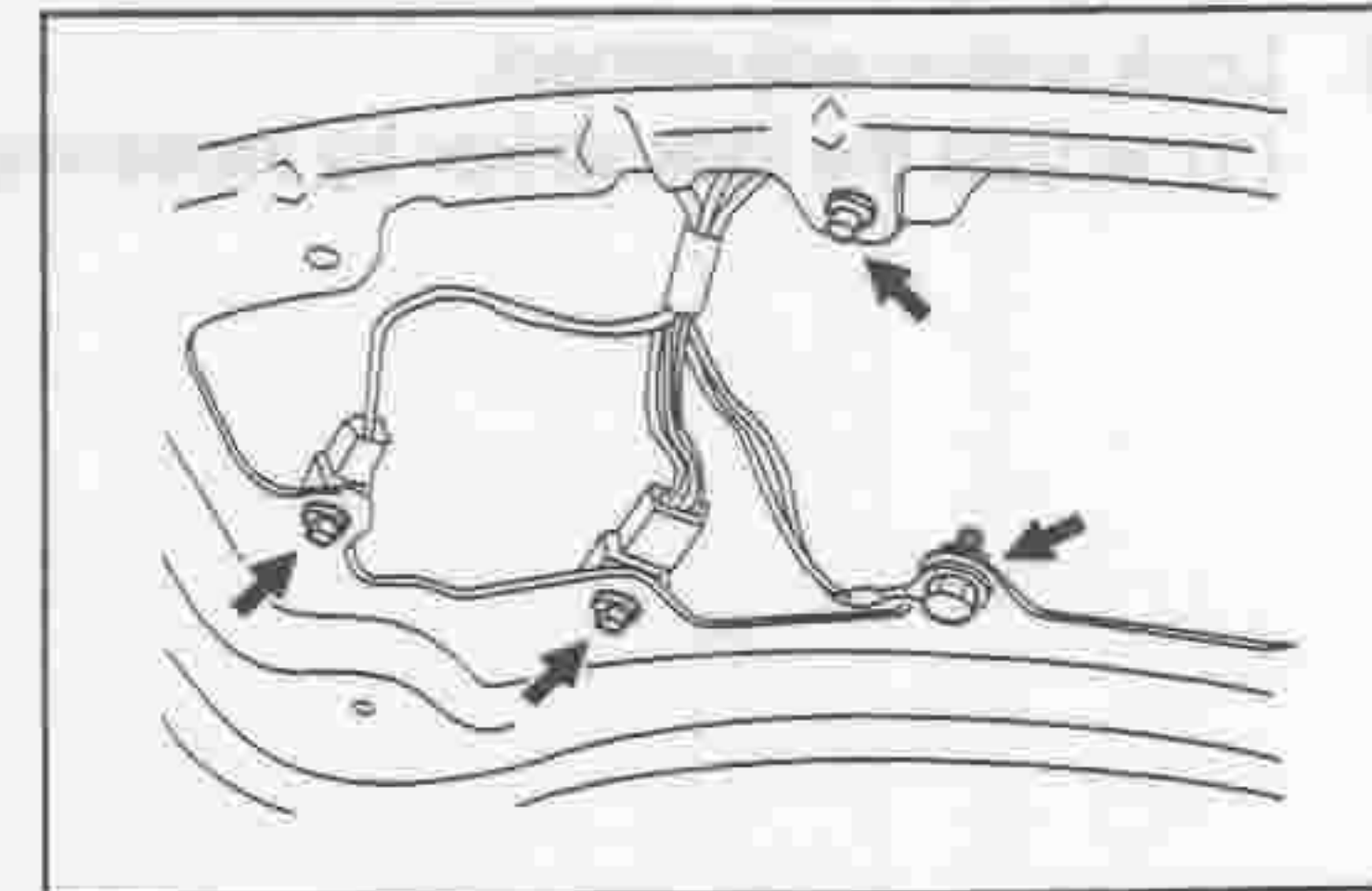
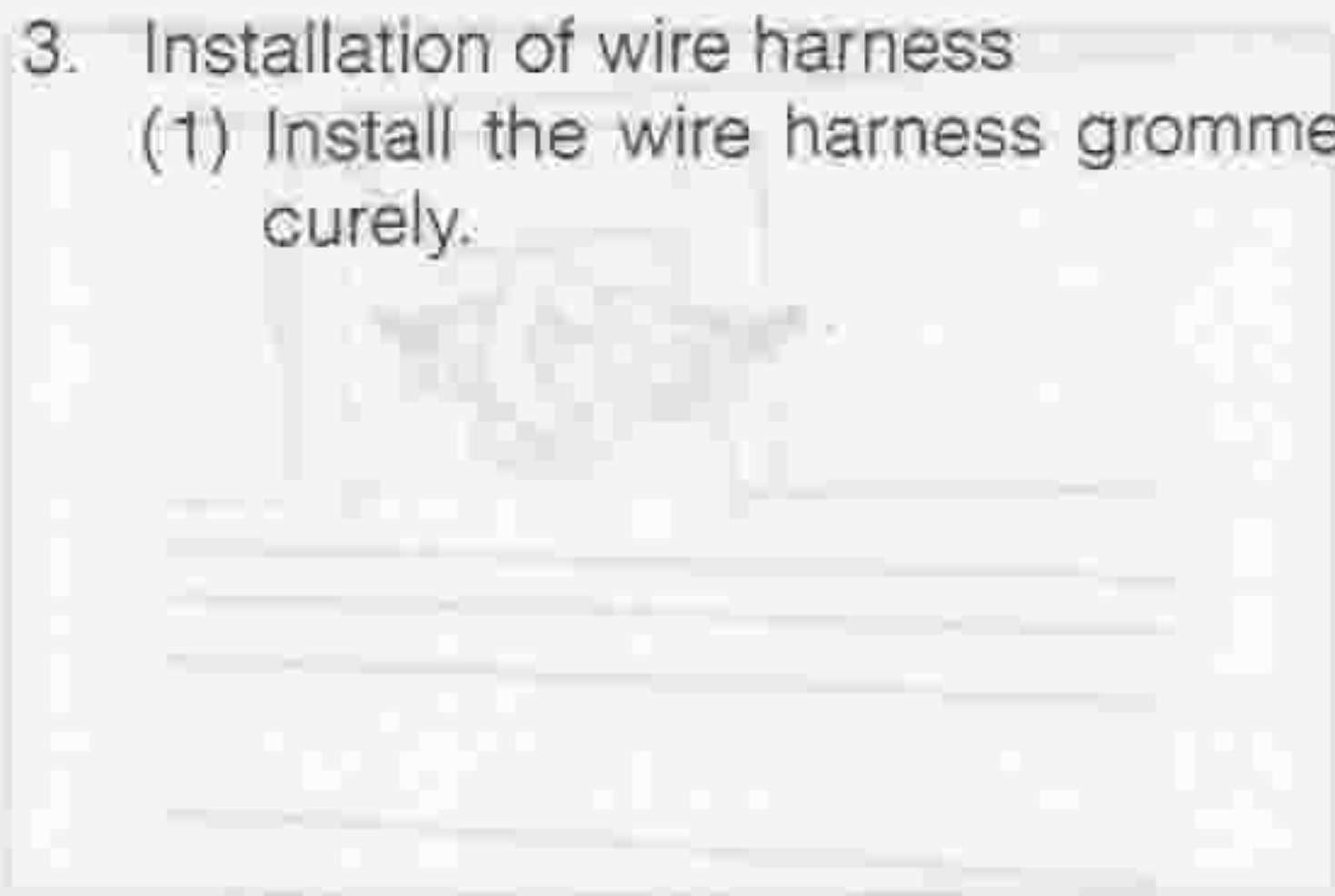
- (1) After installing the stays, clip the quarter trim to the panel securely.



LBO00104-00102

3. Installation of wire harness

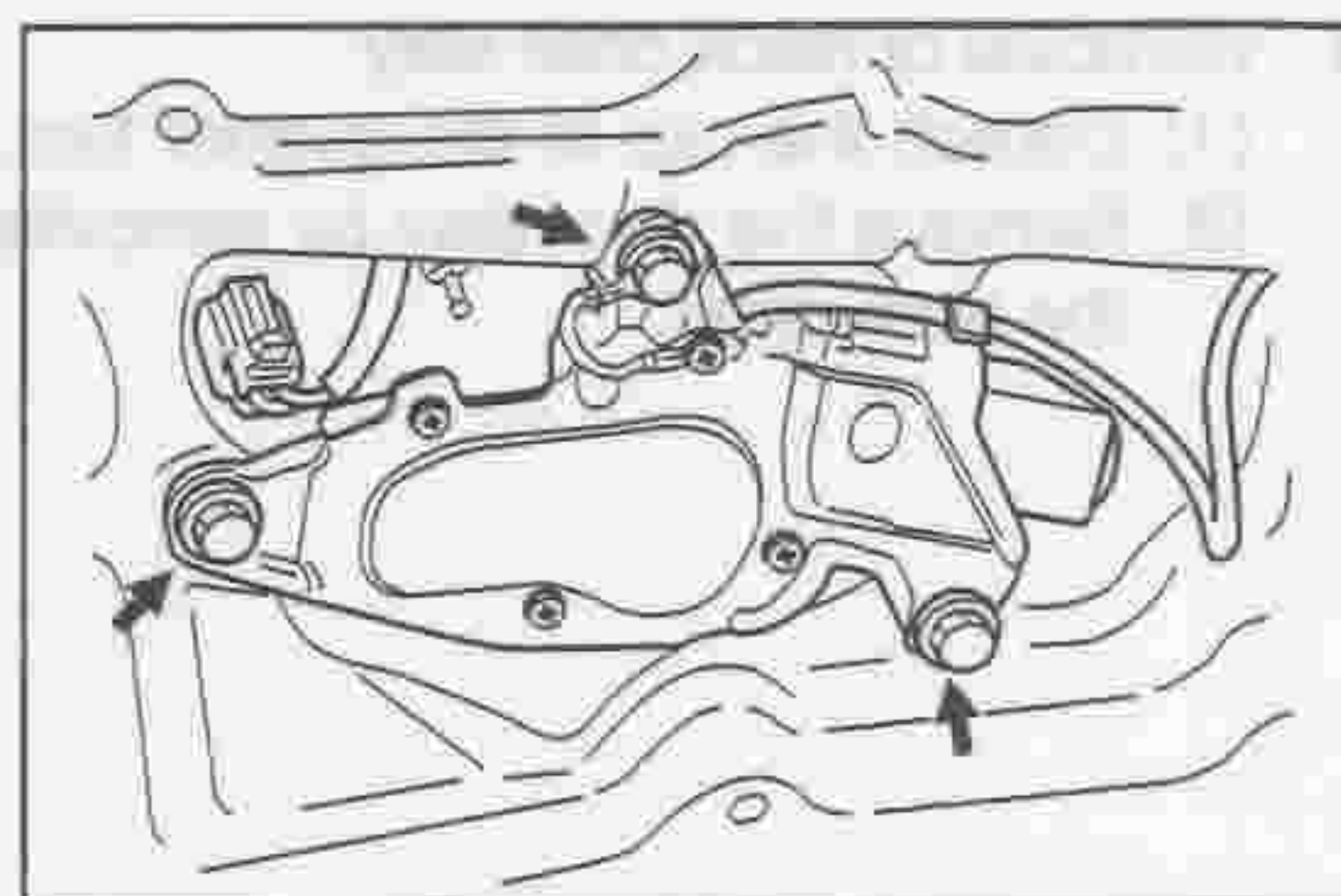
- (1) Install the wire harness grommet and earth cable securely.



LBO00105-00103

4. Installation of wiper motor

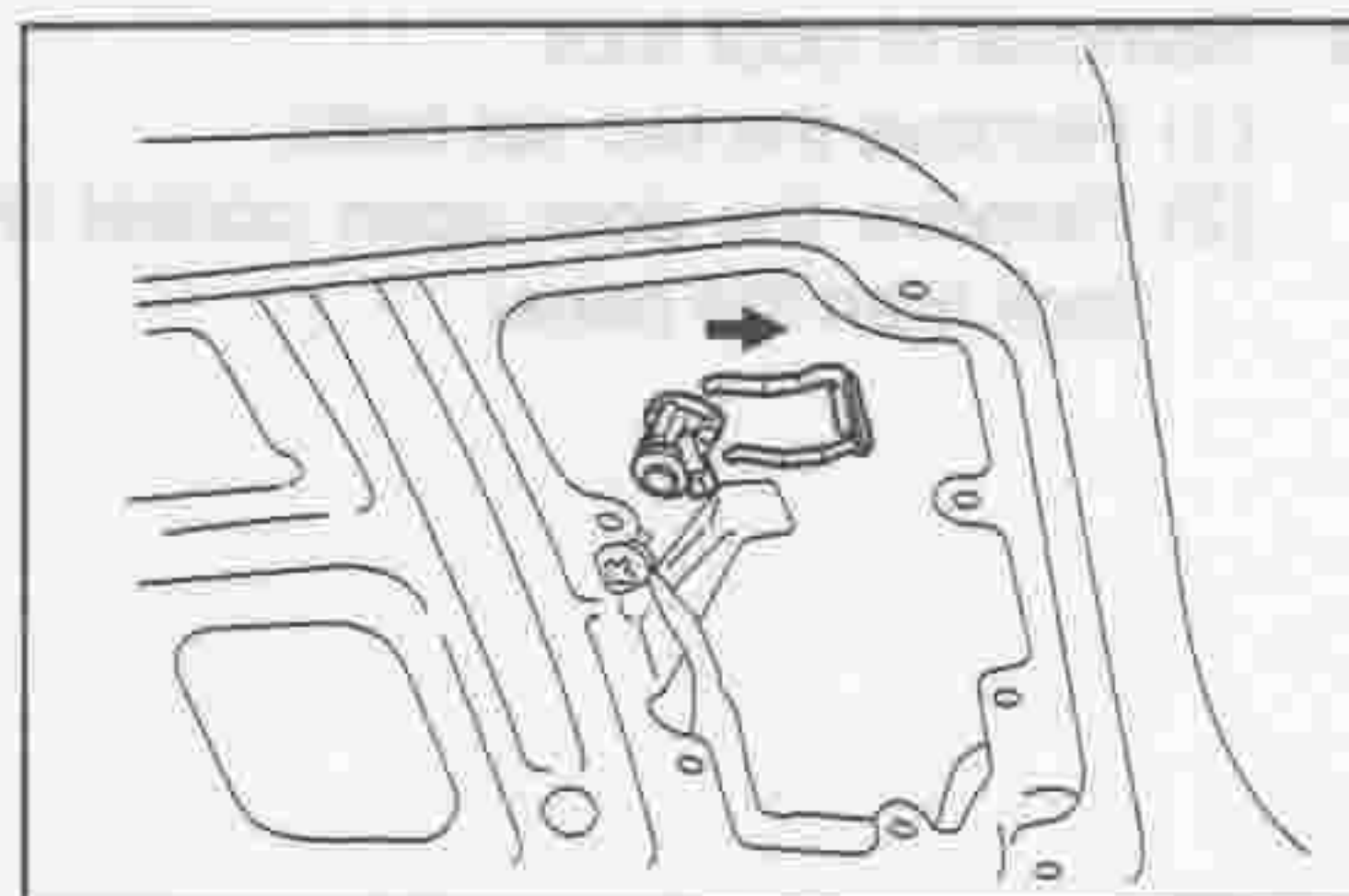
- (1) Connect wiring securely at the connector of the motor.



LB000106-00104

5. Installation of lock cylinder

- (1) Securely insert the retainer into the groove section of the lock cylinder.



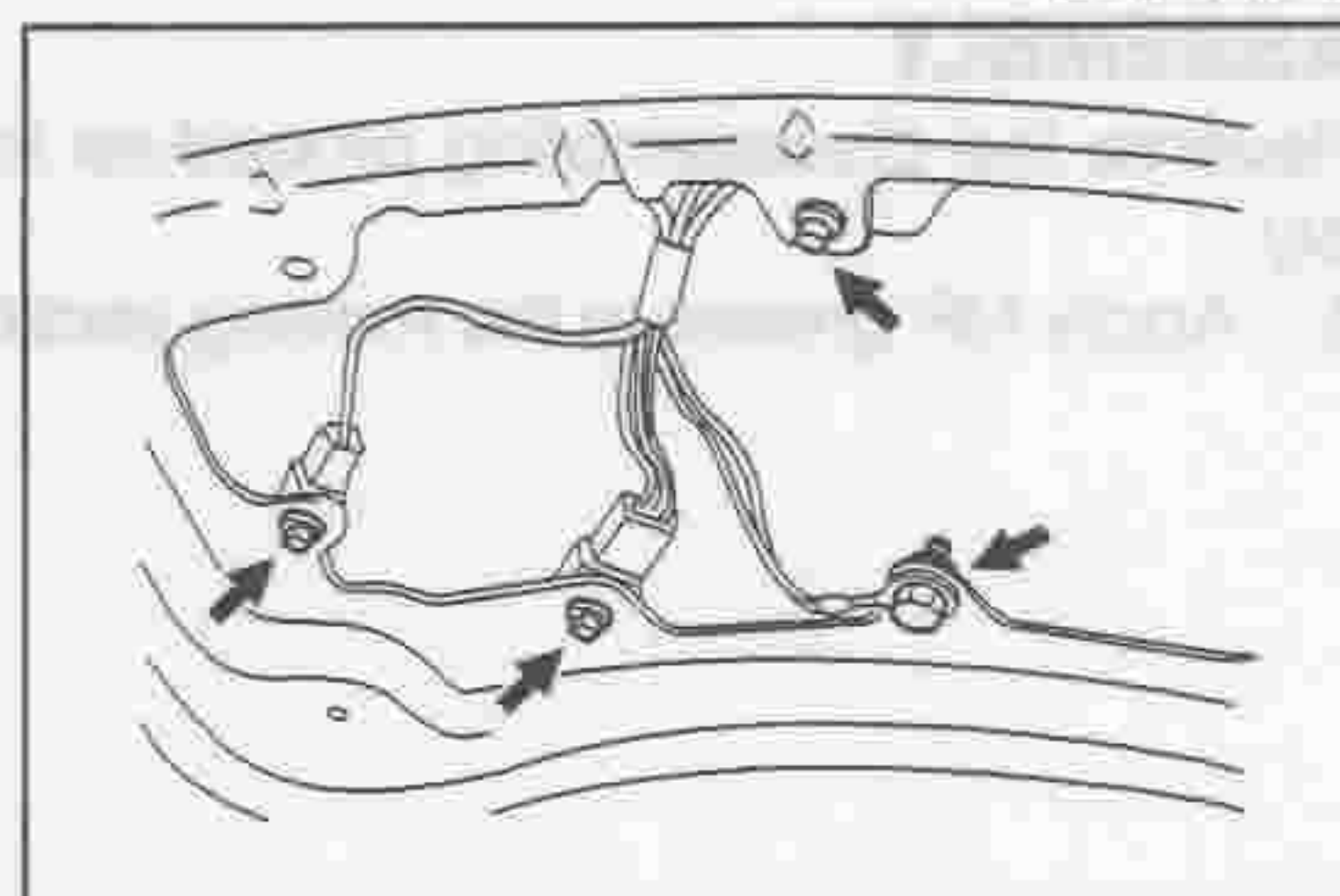
LB000107-00105

6. Installation of license plate lamp, high-mount stop lamp and wiper motor harness

- (1) Perform clamping securely. Also securely connect wiring at the connector.

CAUTION:

- Be very careful not to allow foreign matters to get to the rod of the door stay to be reused. Also care must be exercised not to scratch the rod.
- Before disposing of the door stay, make sure to release the sealed gas completely by making a hole at the bottom of the cylinder.

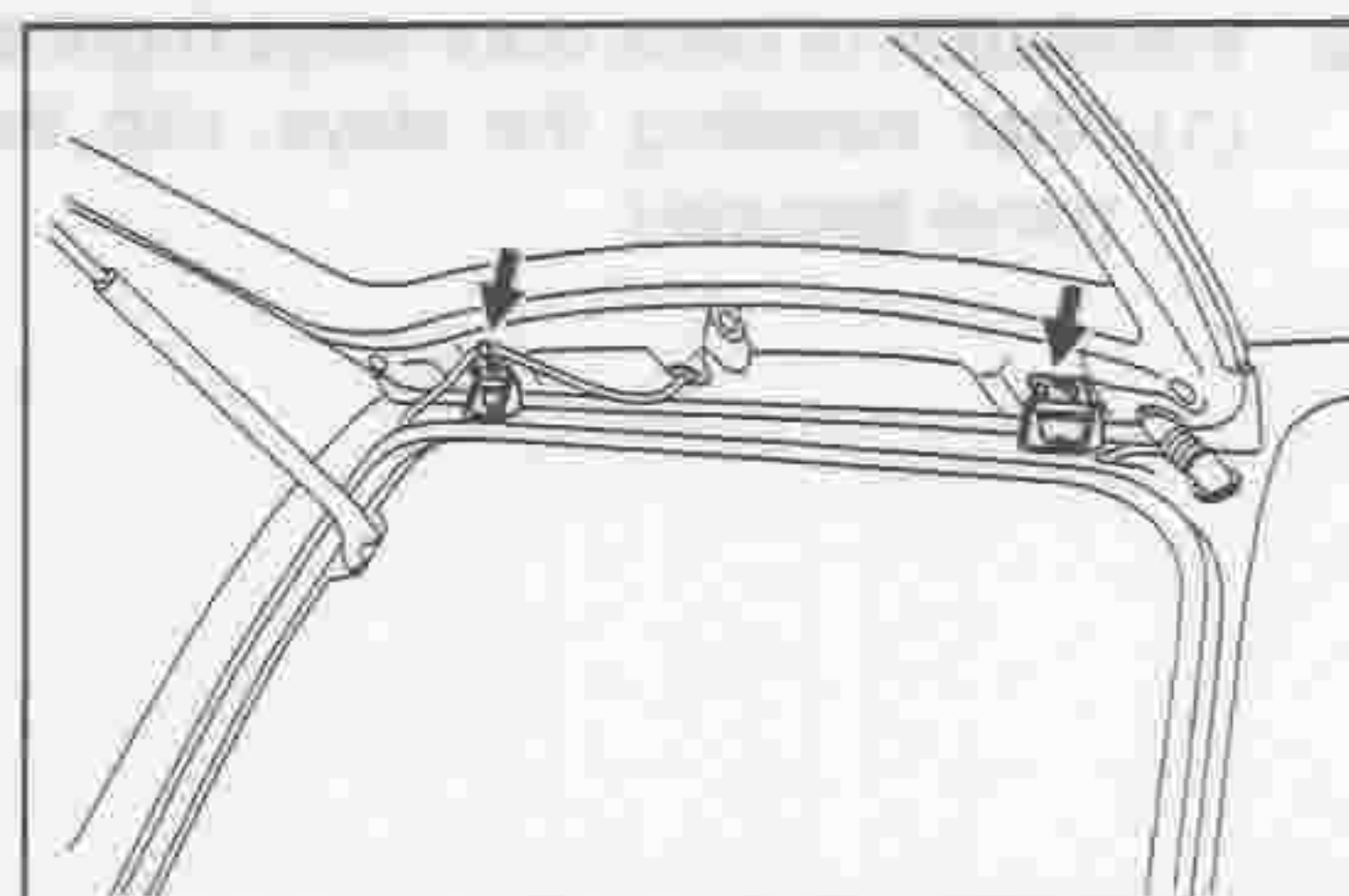


LB000108-00106

BACK DOOR ADJUSTMENT

1. Adjustment of gaps with roof panel and side outer panel

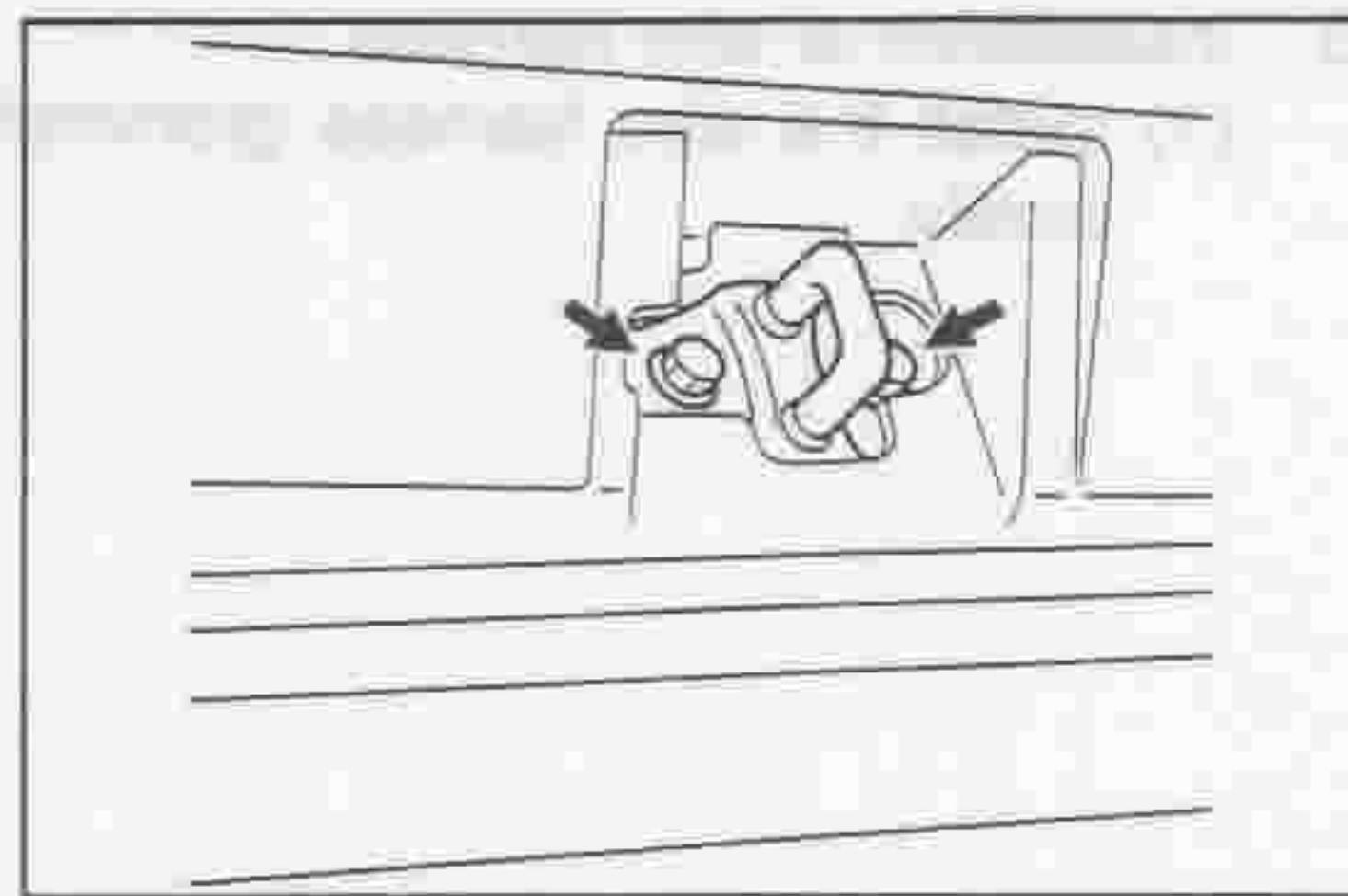
- (1) Lightly loosen the two hinge set bolts (at the right and left) and adjust the installation position.



LB000109-00107

2. Lock striker adjustment

- (1) Adjust the lock striker by loosening the bolts.



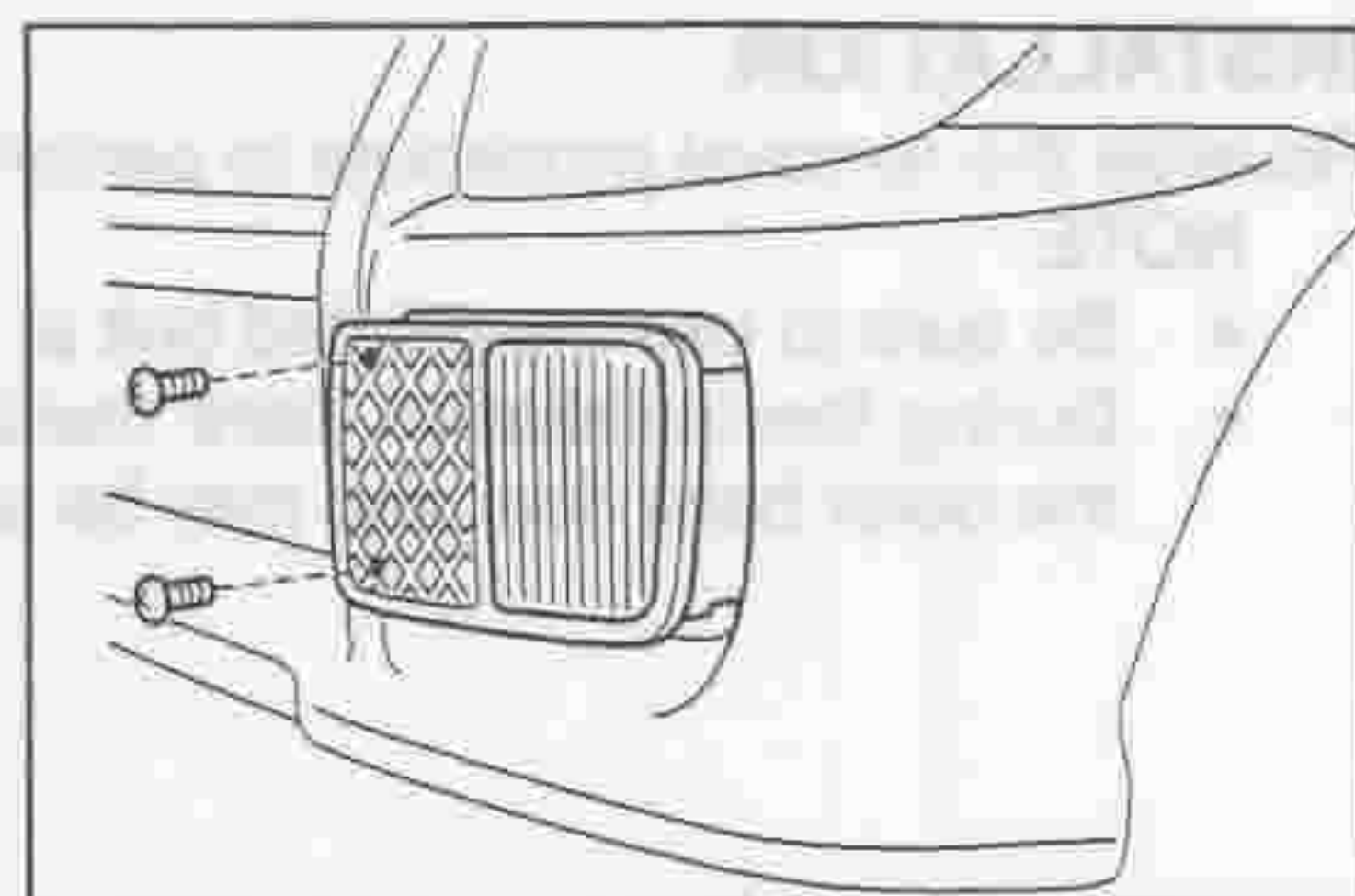
LB000110-00108

FRONT BUMPER & REAR BUMPER

FRONT BUMPER

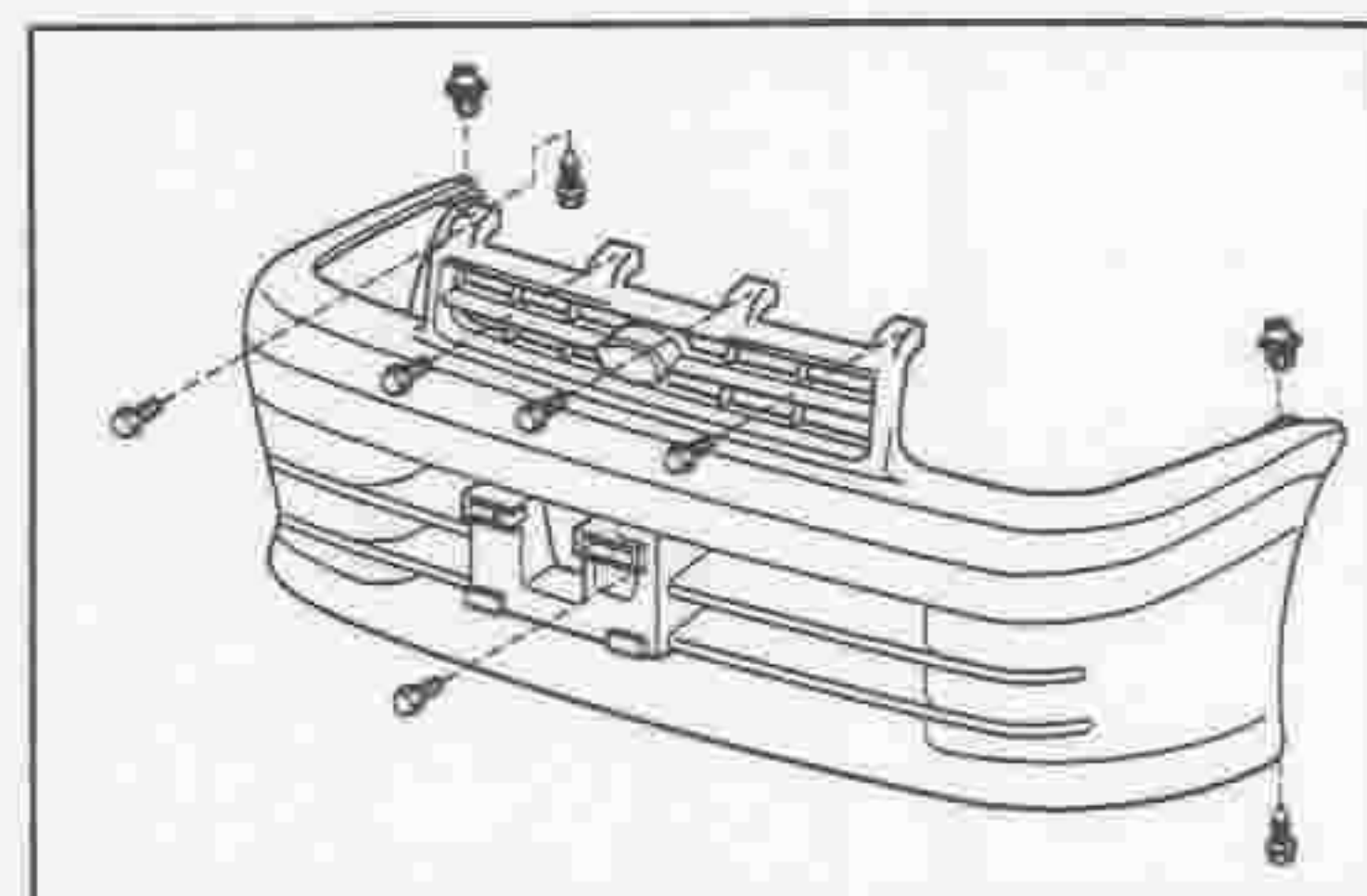
REMOVAL

1. Removal of fog lamp (if so equipped)
 - (1) Remove the fog lamp by removing the two set screws.



LBO00111-00109

2. Removal of bumper
 - (1) Remove the bumper by removing the seven set bolts and two screws.



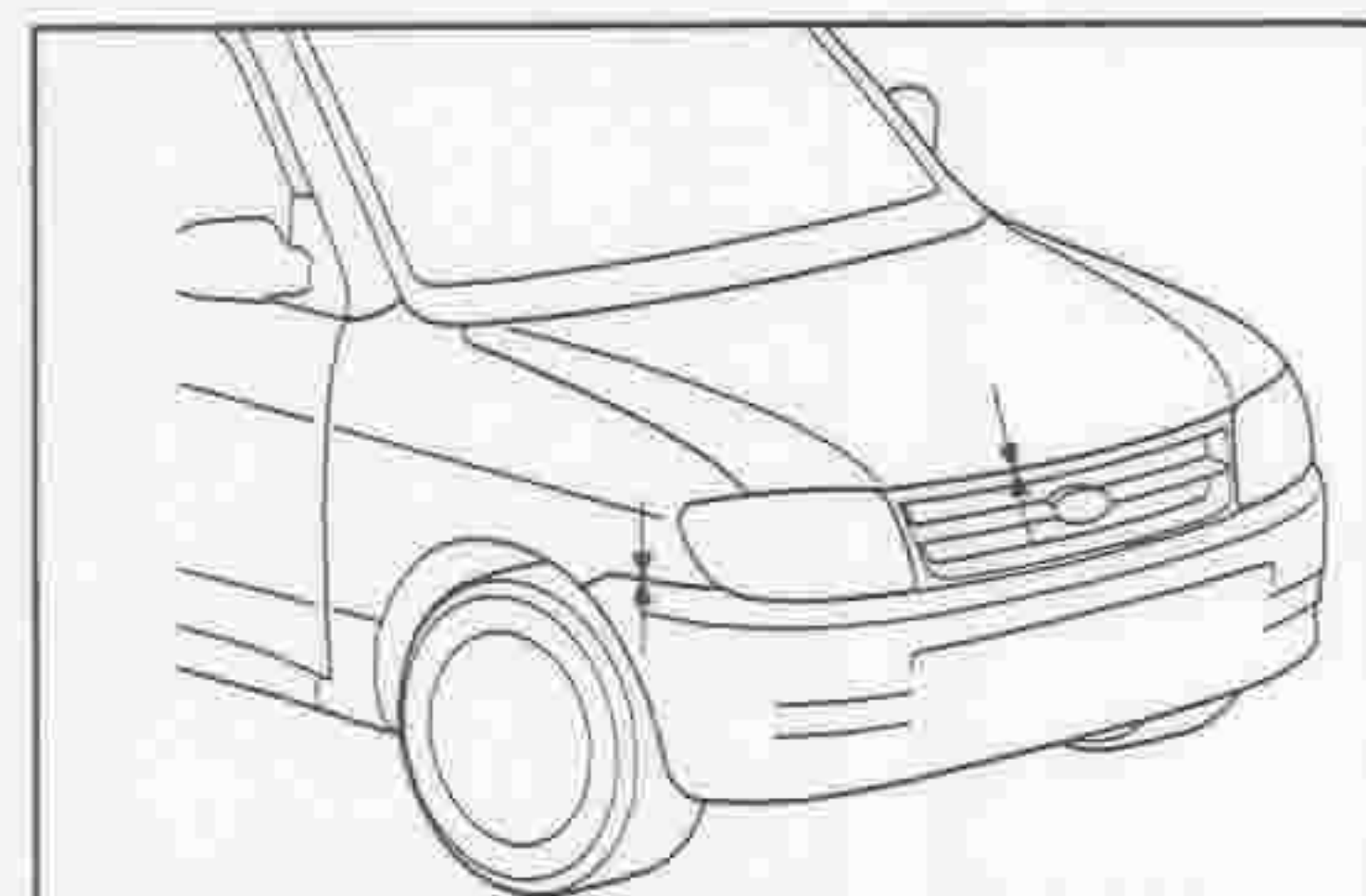
LBO00112-00110

INSTALLATION

Reverse the removal procedure to perform the installation.

NOTE:

- Be sure to use the painted bolt at its original position.
- During the installation, care must be exercised so that the bumper-to-fender gap and the bumper-to-hood gap may be uniformed.

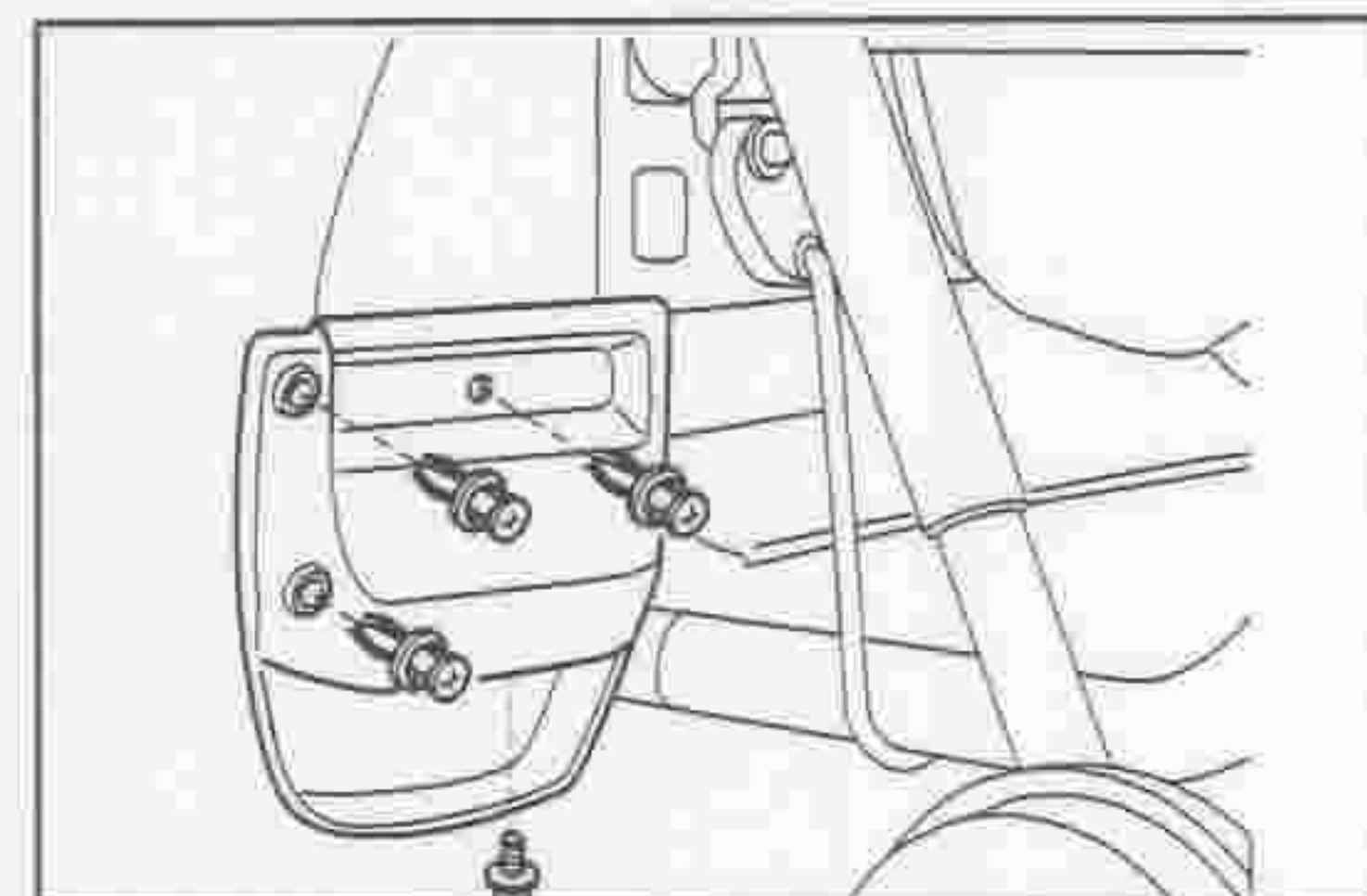


LBO00113-00111

REAR BUMPER

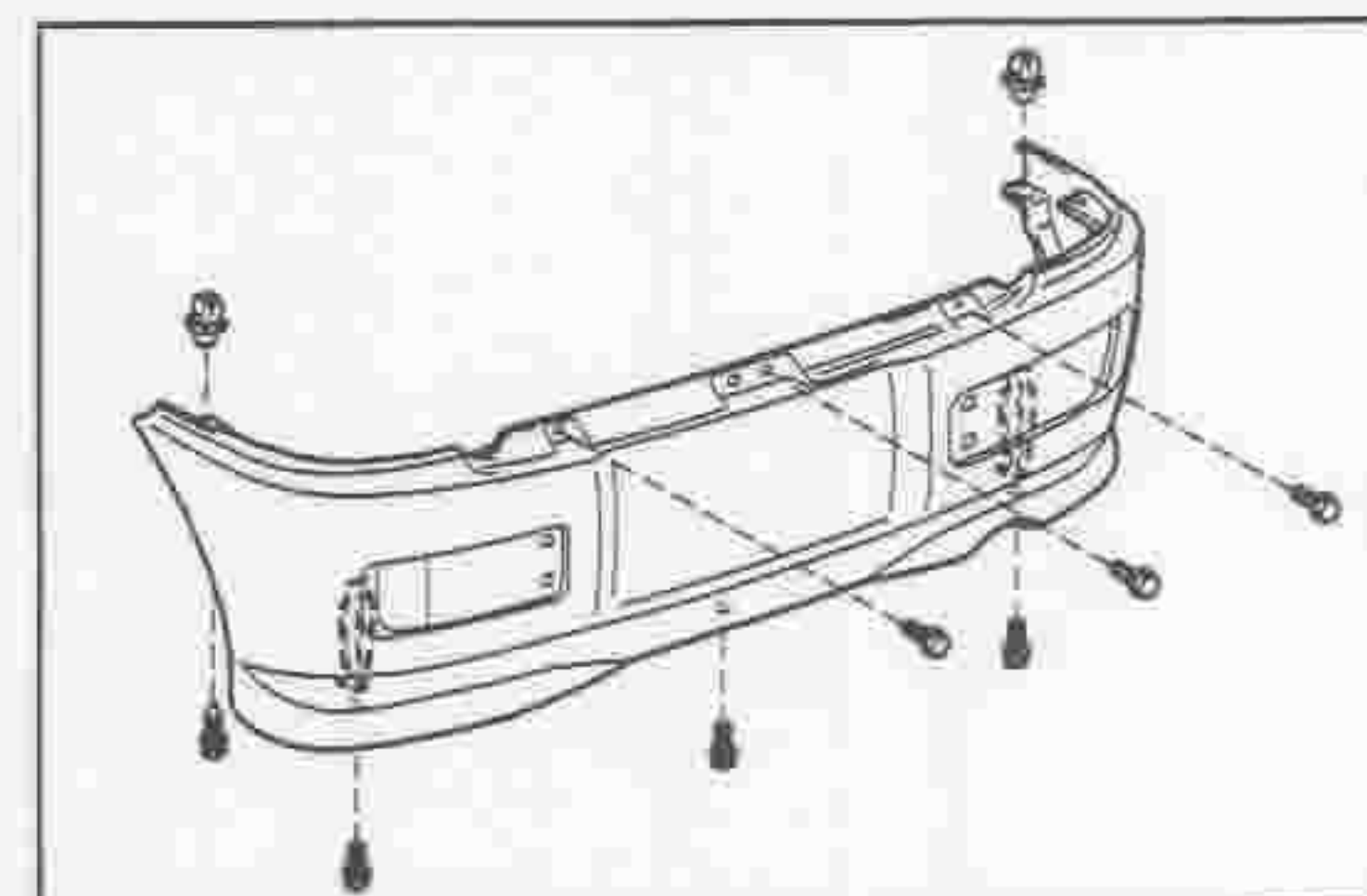
REMOVAL

1. Removal of rear mud guard (if so equipped)
 - (1) Remove the mud guard from the rear bumper cover by removing the two set bolts.



LBO00114-00112

2. Removal of bumper cover
 - (1) Disconnect the backup lamp connector.
 - (2) Disconnect the rear fog lamp connector (if so equipped).
 - (3) Remove the reflector (if so equipped).
 - (4) Remove the bumper cover from the body back panel by removing the eight set bolts.



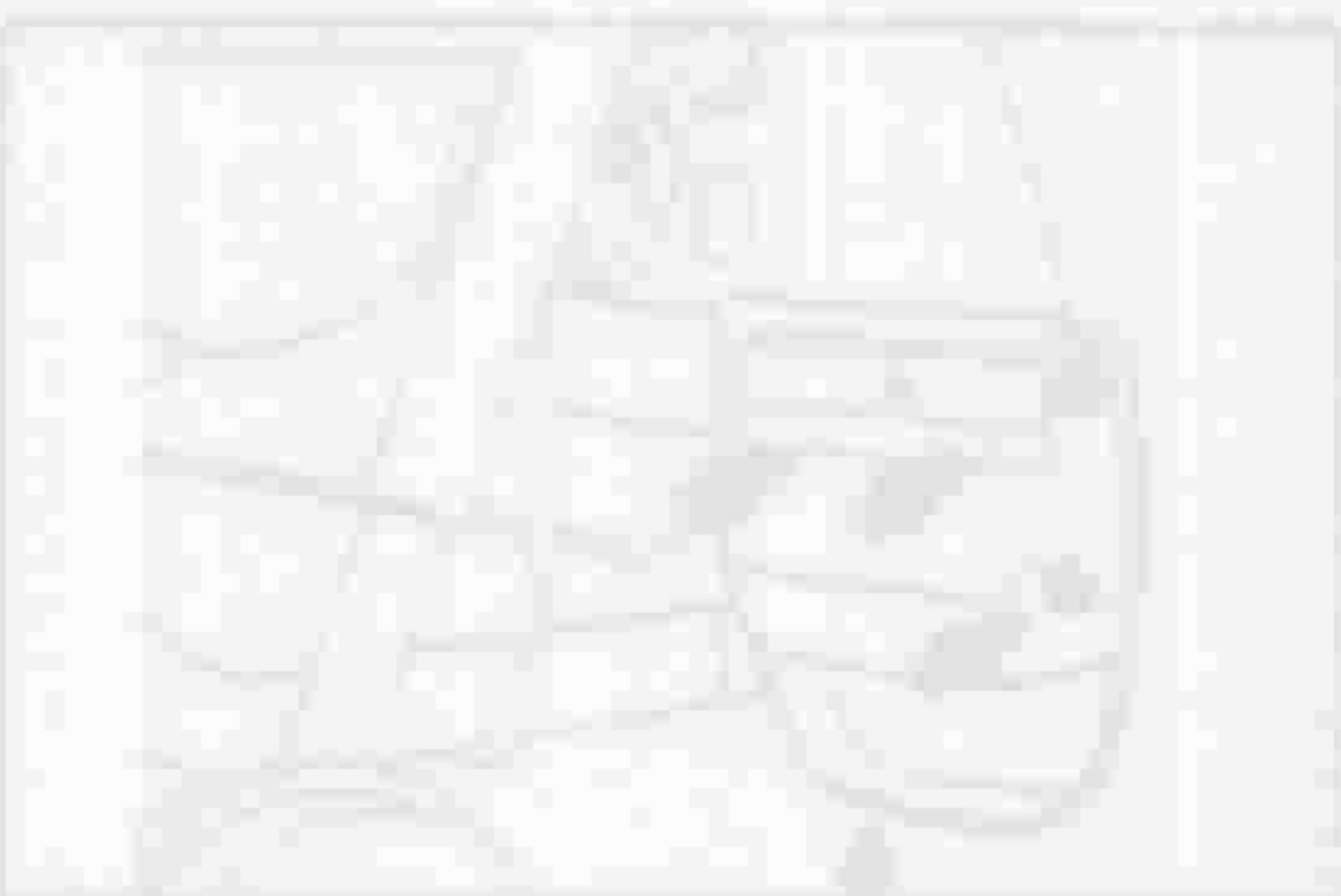
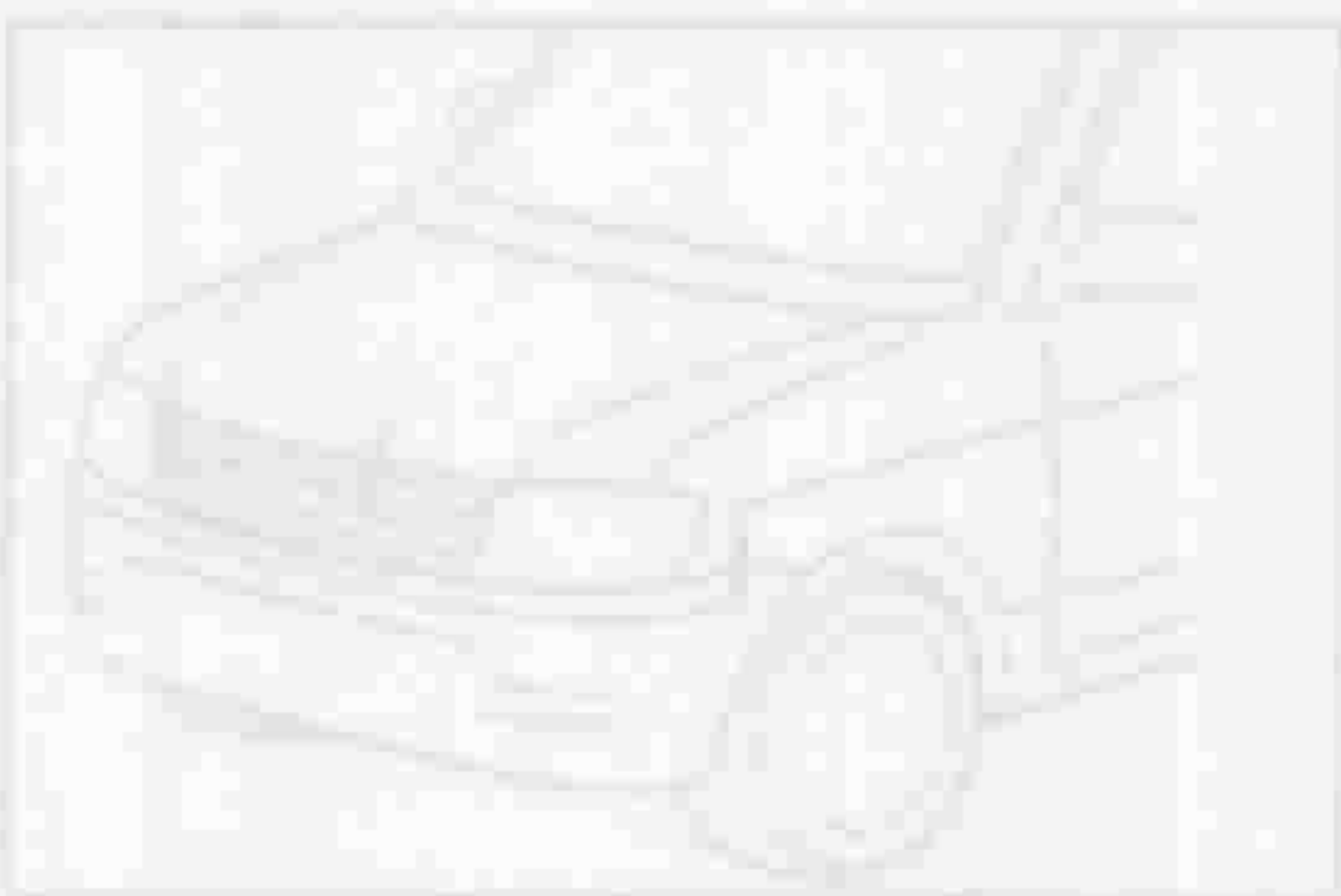
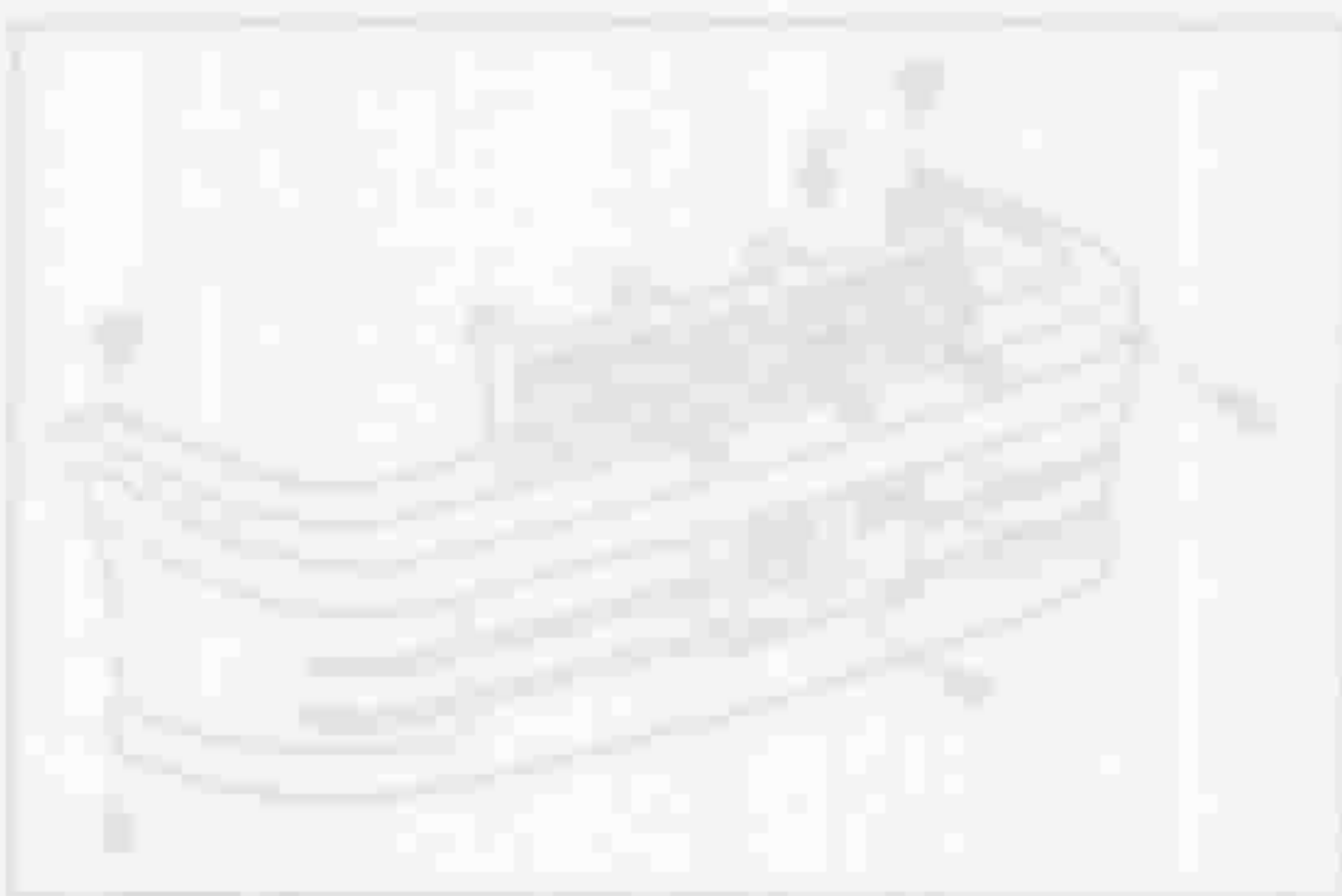
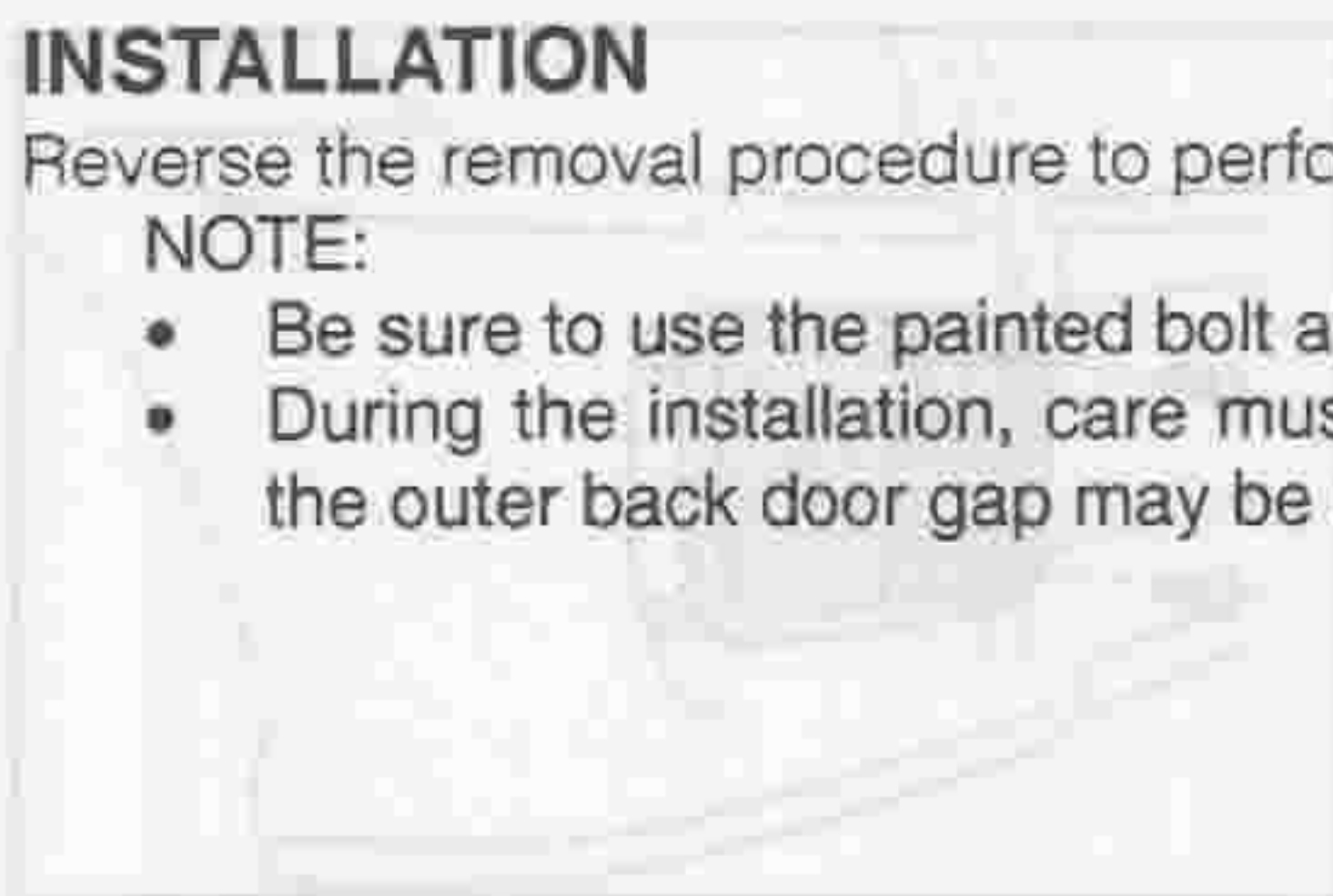
LBO00115-00113

INSTALLATION

Reverse the removal procedure to perform the installation.

NOTE:

- Be sure to use the painted bolt at its original position.
- During the installation, care must be exercised so that the outer back door gap may be uniformed.



FRONT BUMPER & REAR BUMPER

FRONT BUMPER

REMOVAL

1. Remove the front bumper cover by unscrewing the bolts at the front and rear.
2. Remove the front bumper cover by unscrewing the bolts at the front and rear.

LBO00116-00000

REMOVAL OF BOLT

1. Remove the bumper by unscrewing the bolts at the front and rear.
2. Remove the bumper by unscrewing the bolts at the front and rear.

INSTALLATION

Reverse the removal procedure to perform the installation.

NOTE:

1. The way to use the painted bolt is at original position.
2. During the installation, care must be exercised so that the bumper-to-frame gap and the bumper-to-door gap may be uniformed.

REAR BUMPER

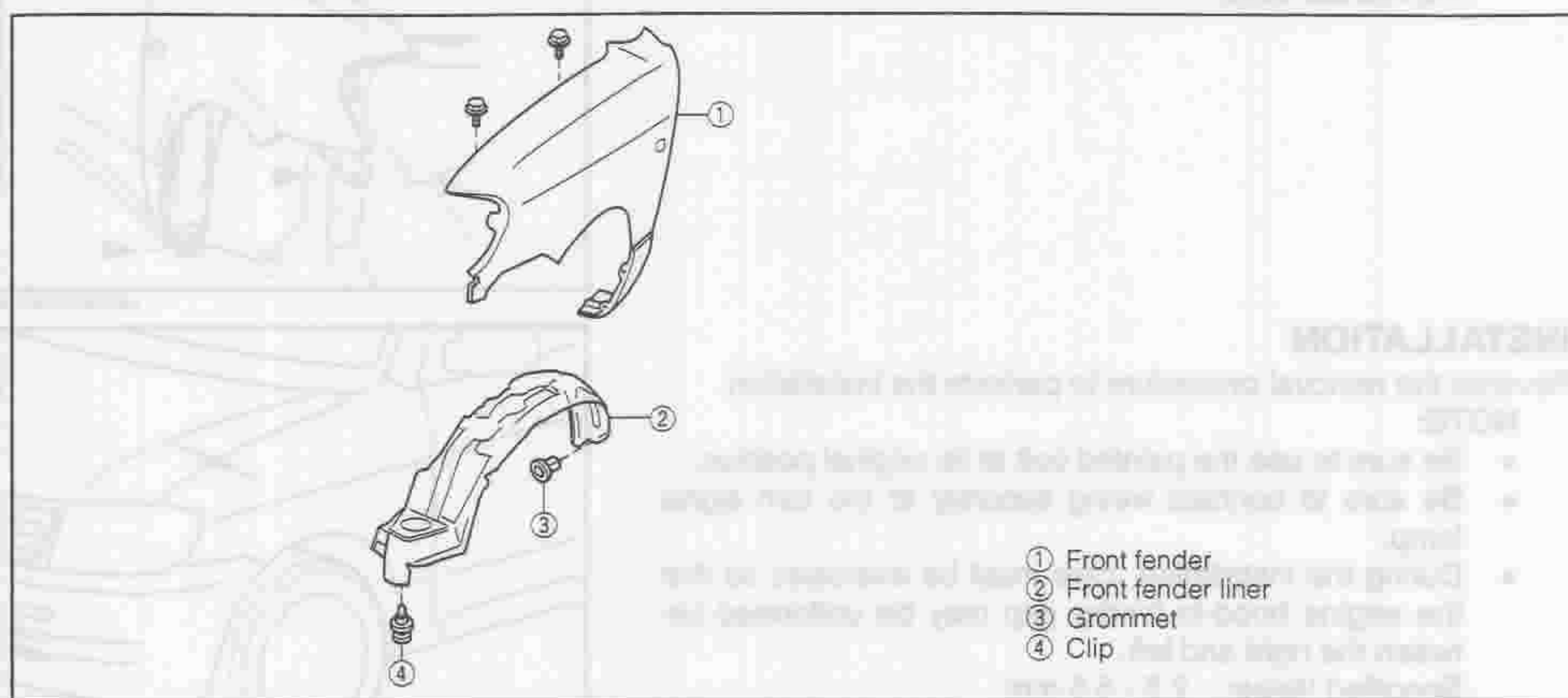
REMOVAL

1. Remove the rear bumper cover by unscrewing the bolts at the front and rear.
2. Remove the rear bumper cover by unscrewing the bolts at the front and rear.

REMOVAL OF BUMPER COVER

1. Disconnect the bumper cover connector.
2. Disconnect the rear bumper cover connector at the rear.
3. Remove the bumper cover by unscrewing the bolts at the front and rear.
4. Remove the bumper cover by unscrewing the bolts at the front and rear.

FRONT FENDER COMPONENTS

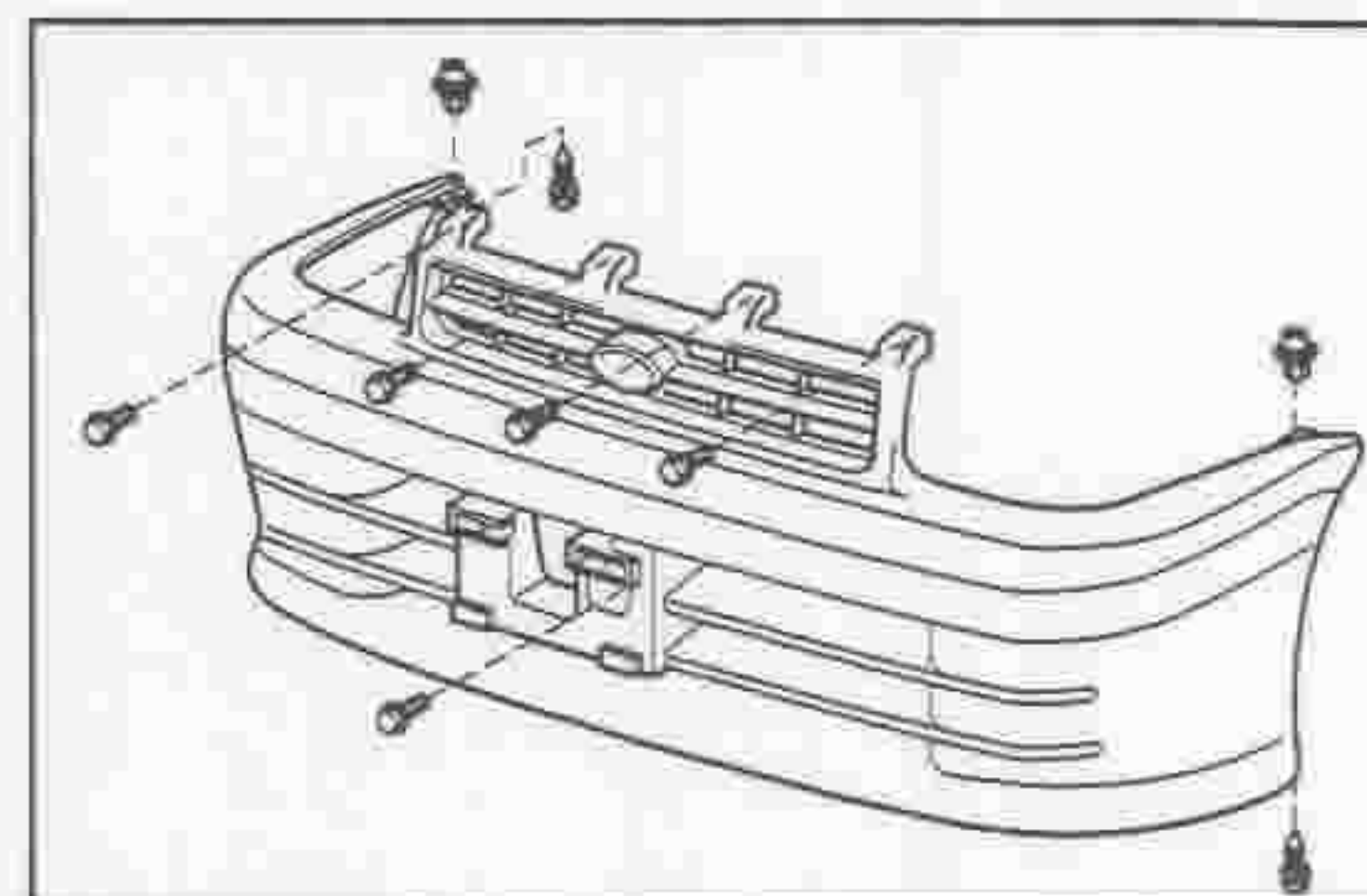


LBO00117-00114

REMOVAL

1. Removal of bumper

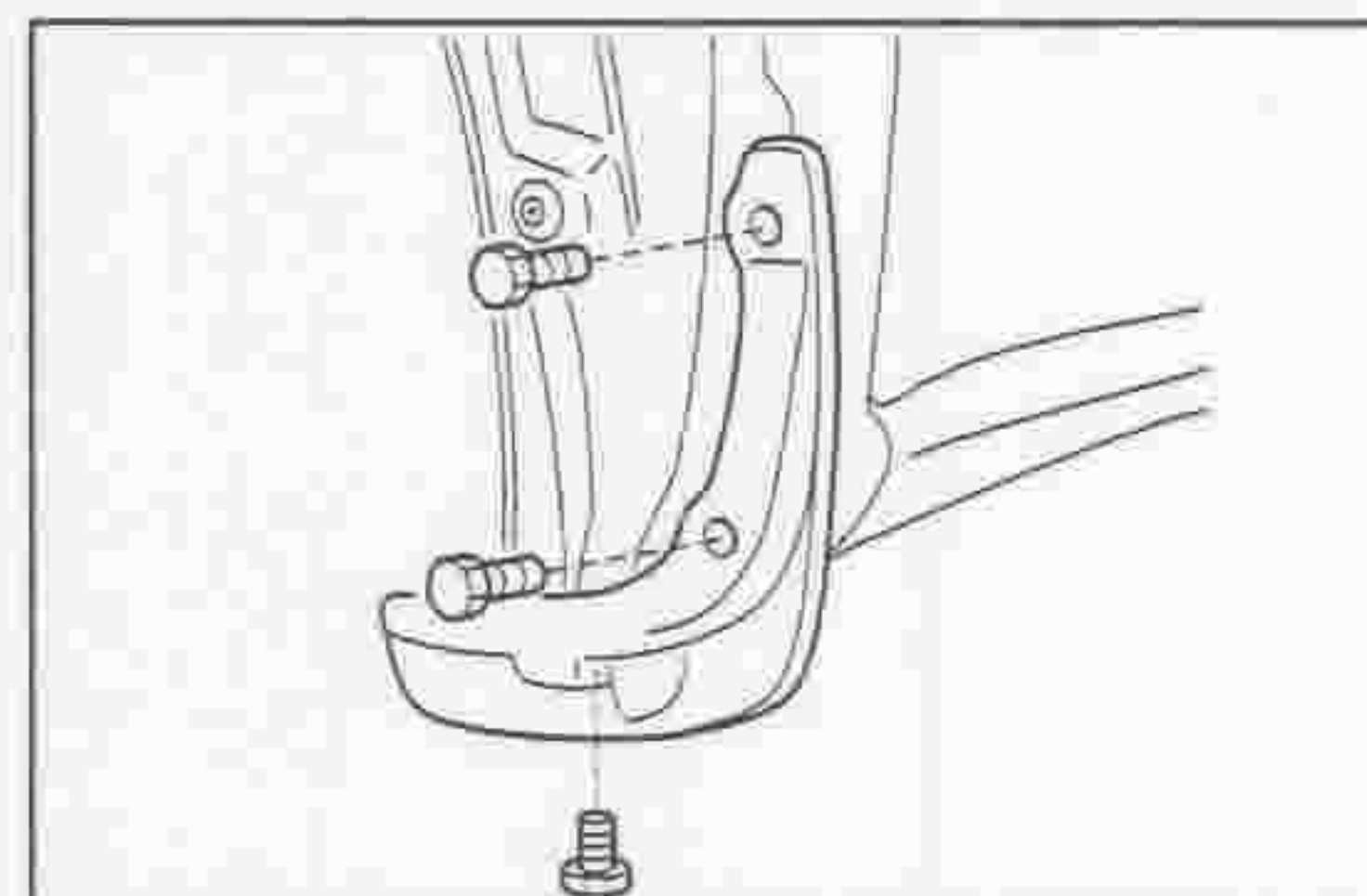
- (1) Remove the bumper by removing the set bolts.
(Refer to the section under "Front Bumper.")



LBO00118-00115

2. Removal of mud guard

- (1) Remove the mud guard by removing the three set bolts.



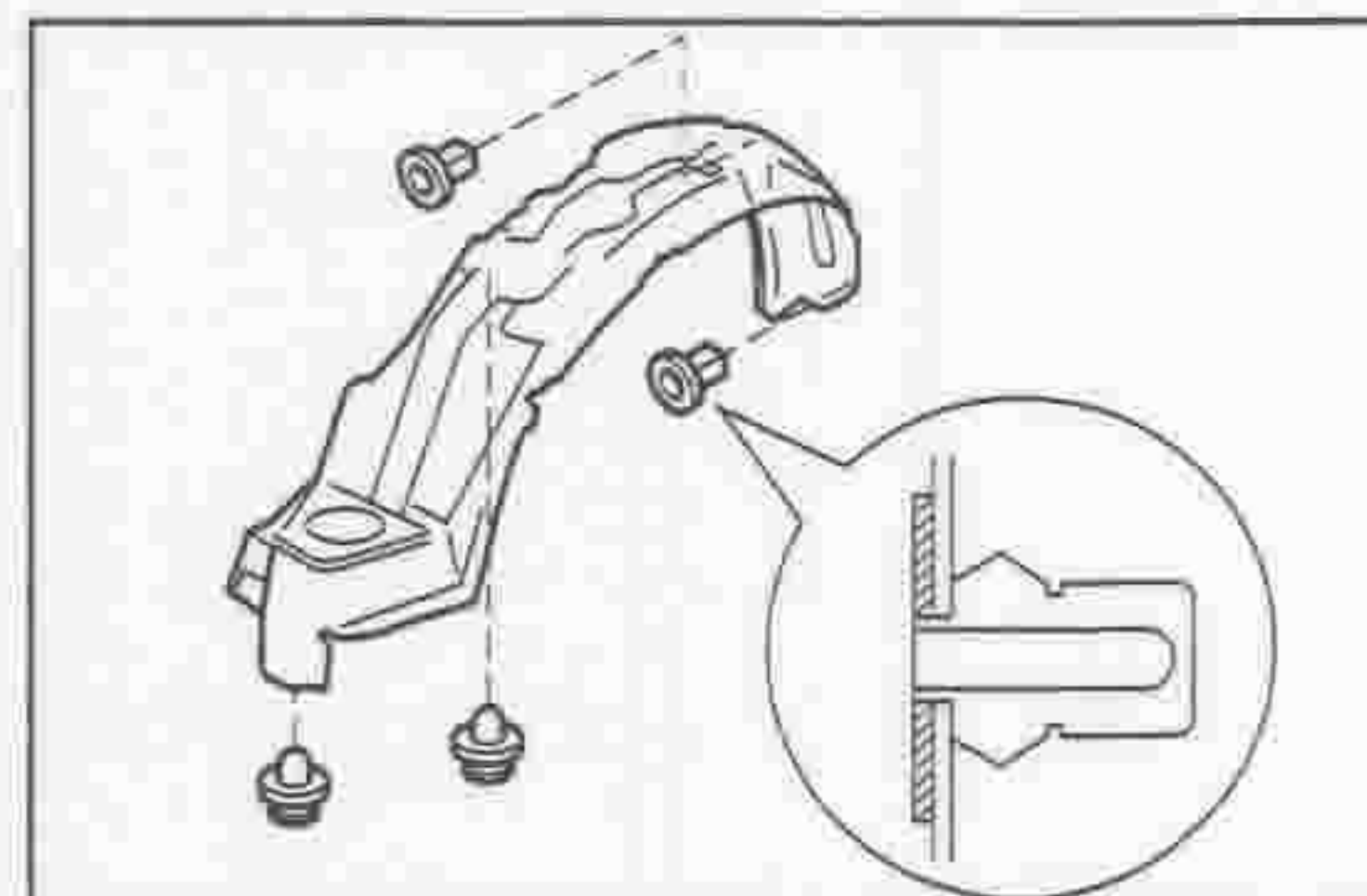
LBO00119-00116

3. Removal of fender liner

- (1) Remove the fender liner from the fender by removing the three clips.

NOTE:

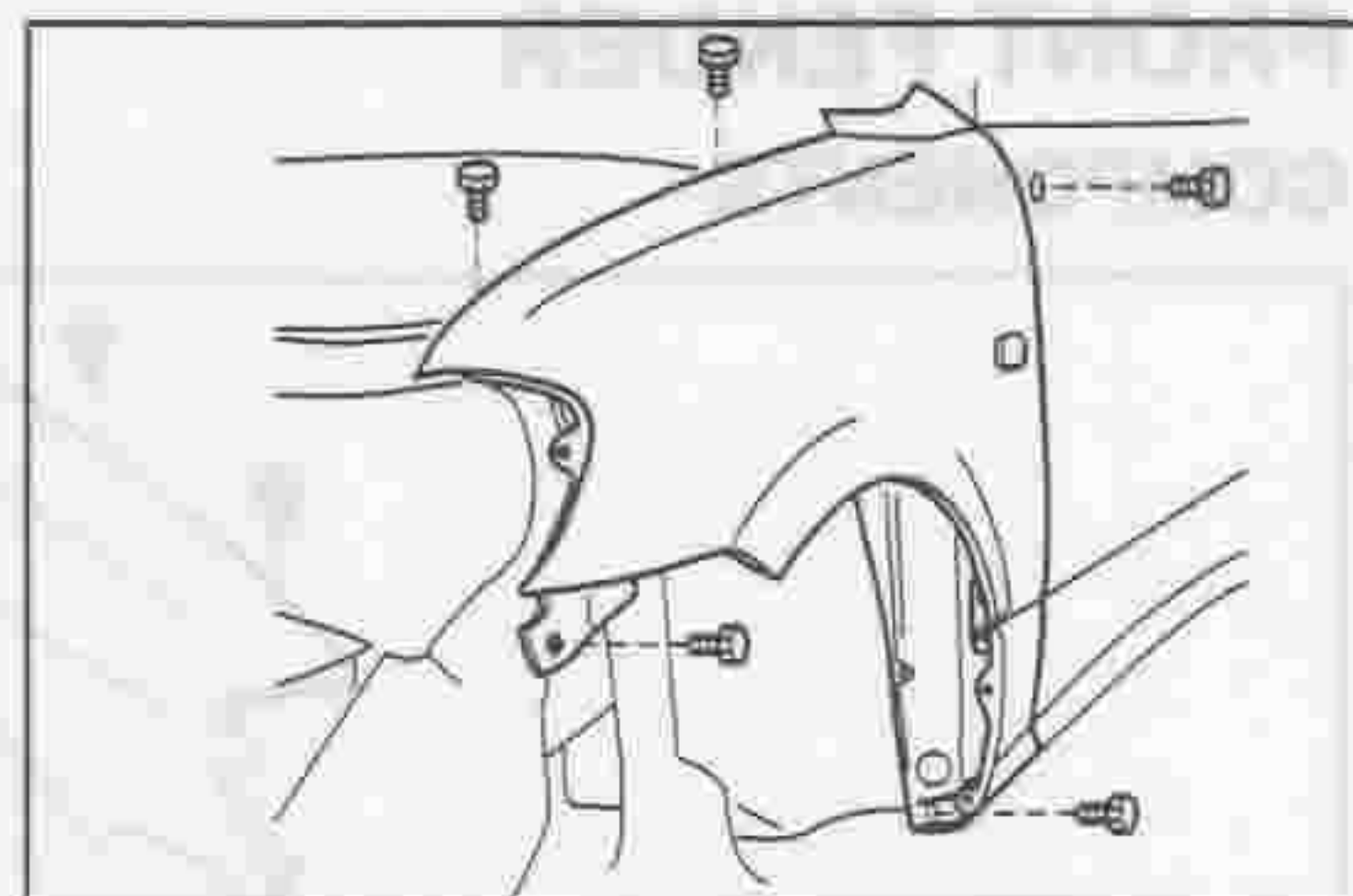
- Be sure to cut the edge of the grommet with a cutter knife or the like.



LBO00120-00117

4. Removal of fender

- (1) Remove the fender from the fender apron by removing the five set bolts.



LBO00121-00118

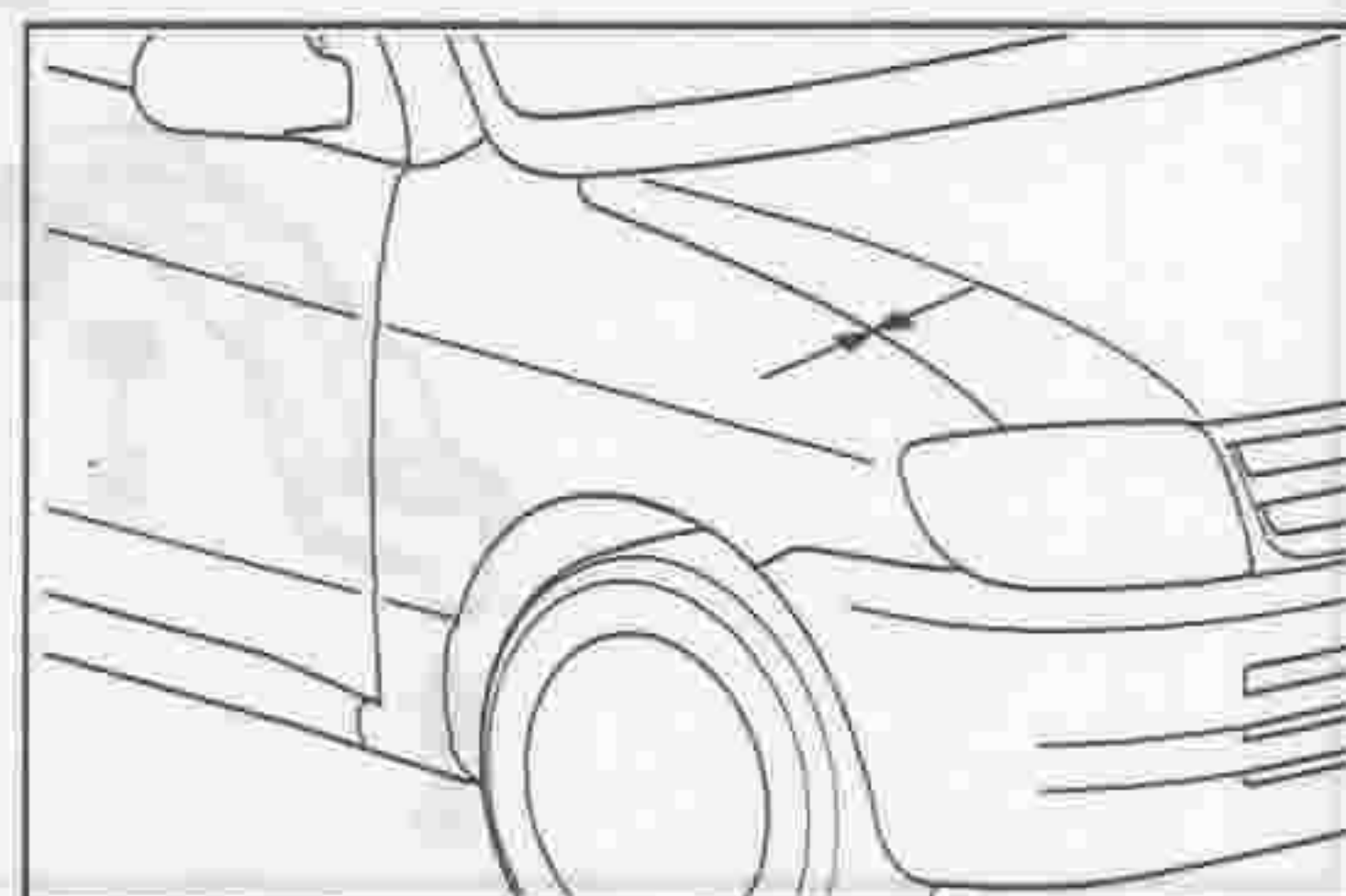
INSTALLATION

Reverse the removal procedure to perform the installation.

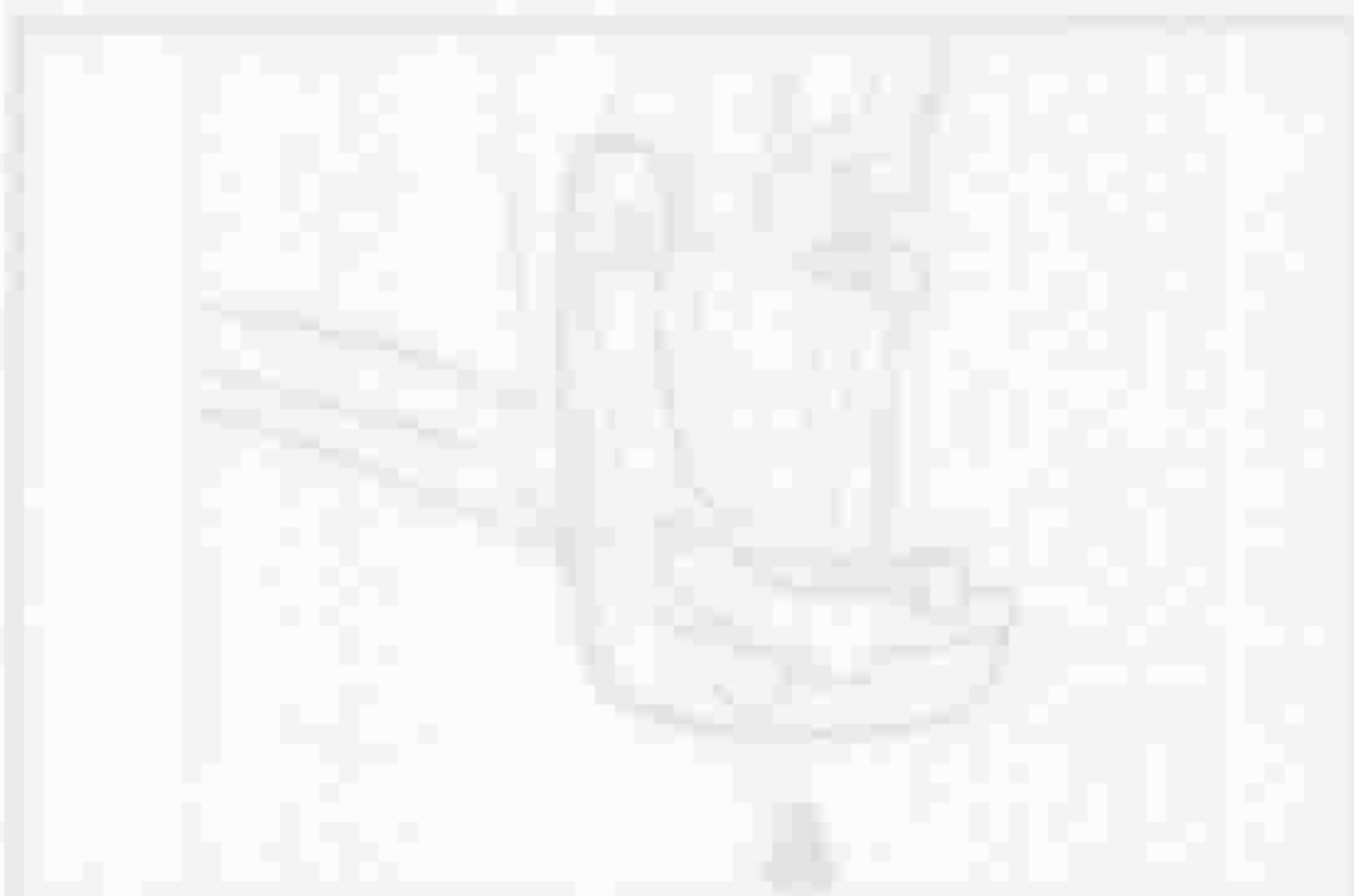
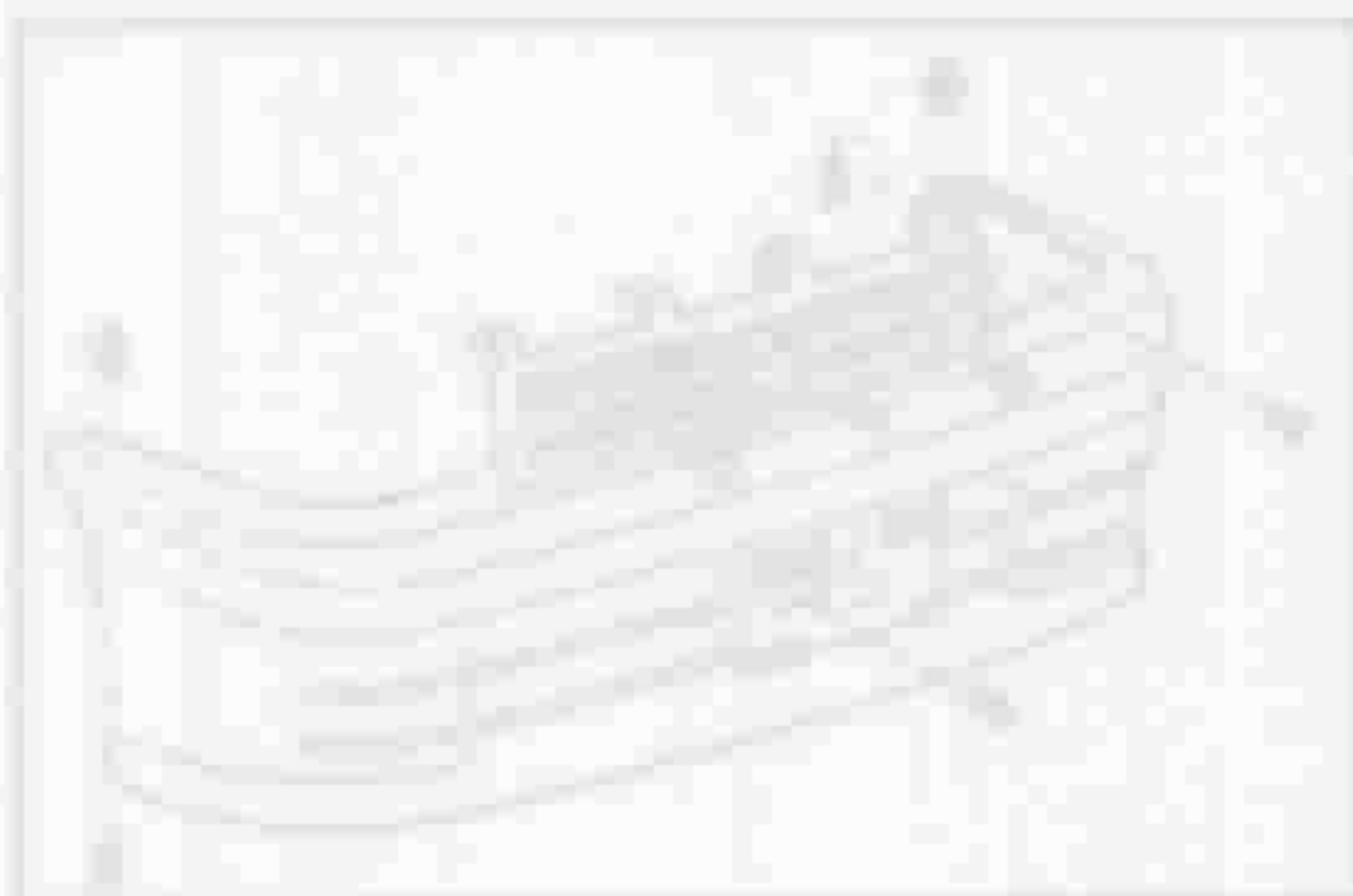
NOTE:

- Be sure to use the painted bolt at its original position.
- Be sure to connect wiring securely at the turn signal lamp.
- During the installation, care must be exercised so that the engine hood-to-fender gap may be uniformed between the right and left.

Specified Value: 2.5 - 5.5 mm



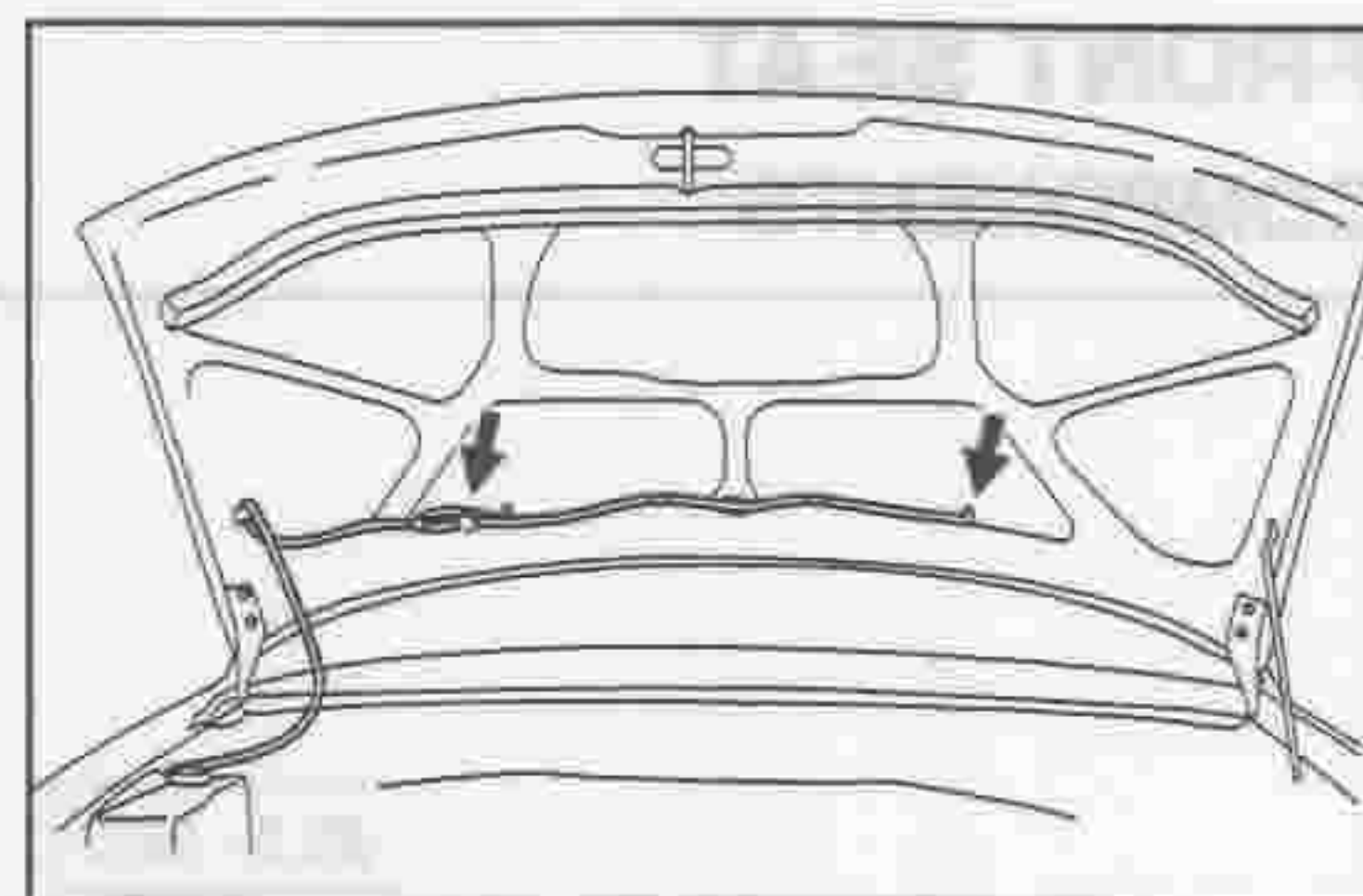
LBO00122-00119



HOOD & HOOD LOCK

REMOVAL

1. Remove the washer hose and nozzle.



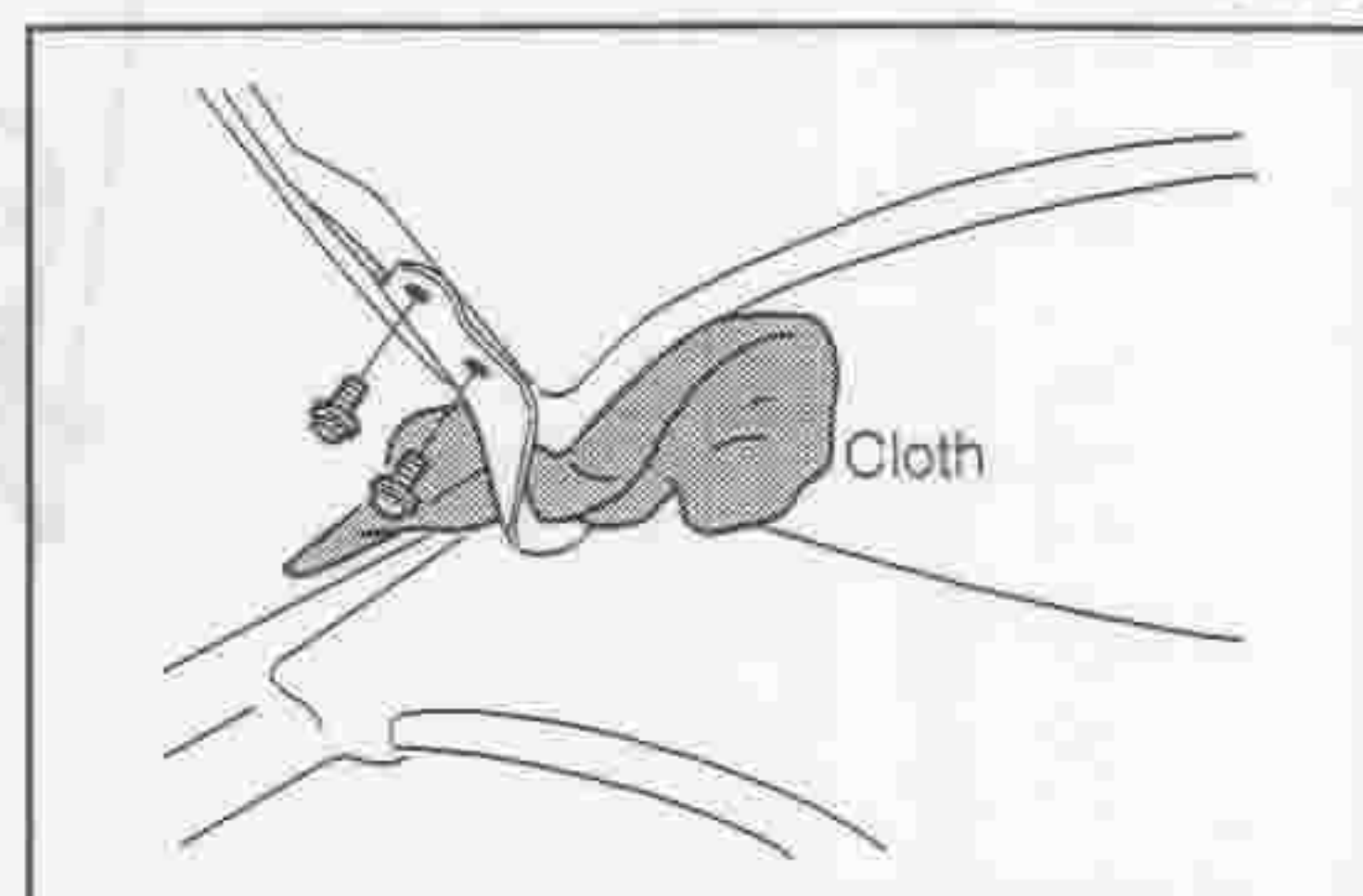
LBO00123-00120

2. Removal of engine hood

- (1) Remove the engine hood by removing the four set bolts at the right and left.

NOTE:

- Put a cloth at the hood hinge to protect the paint surface from being scratched.



LBO00124-00121

INSTALLATION

Reverse the removal procedure to perform the installation.

LBO00125-00000

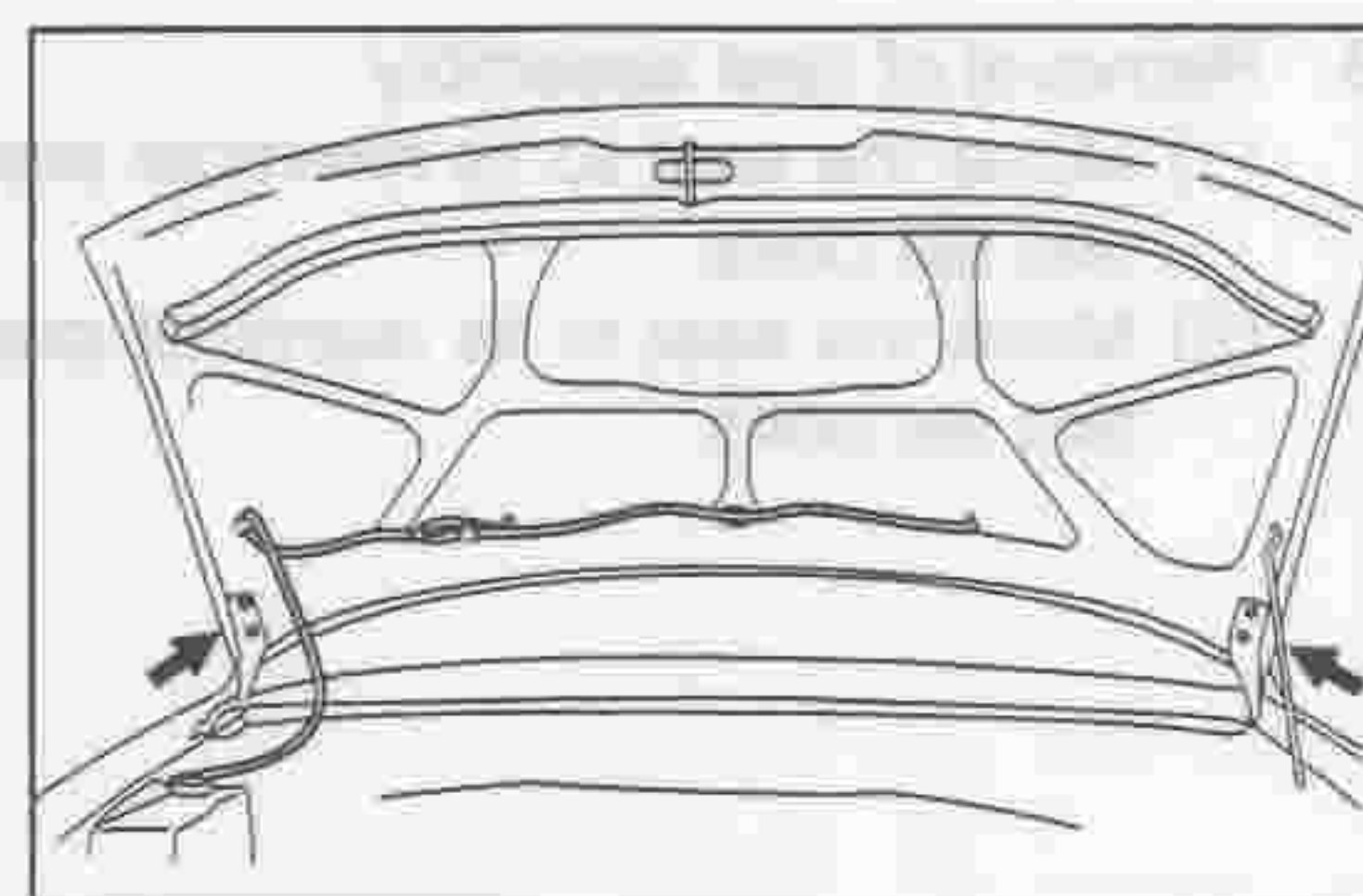
ENGINE HOOD ADJUSTMENT

1. Engine hood gap adjustment in right-and-left and fore-and-aft directions

- (1) Loosen the hinge bolts and perform the adjustment in such a way that the gaps in right-and-left and fore-and-aft directions may be uniformed.

Specified Value of Engine Hood-to-Fender Gap:

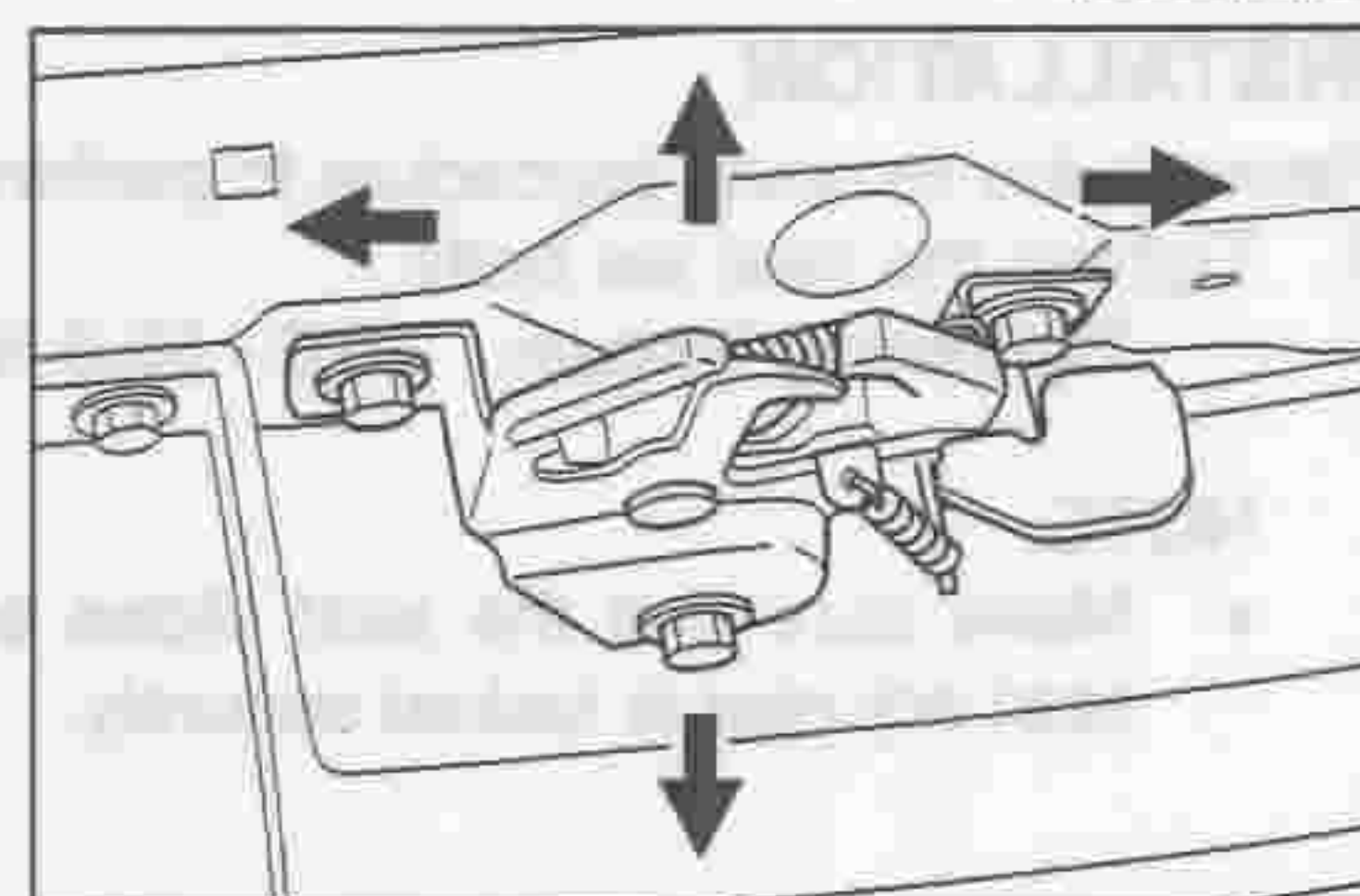
2.7 - 5.7 mm



LBO00126-00122

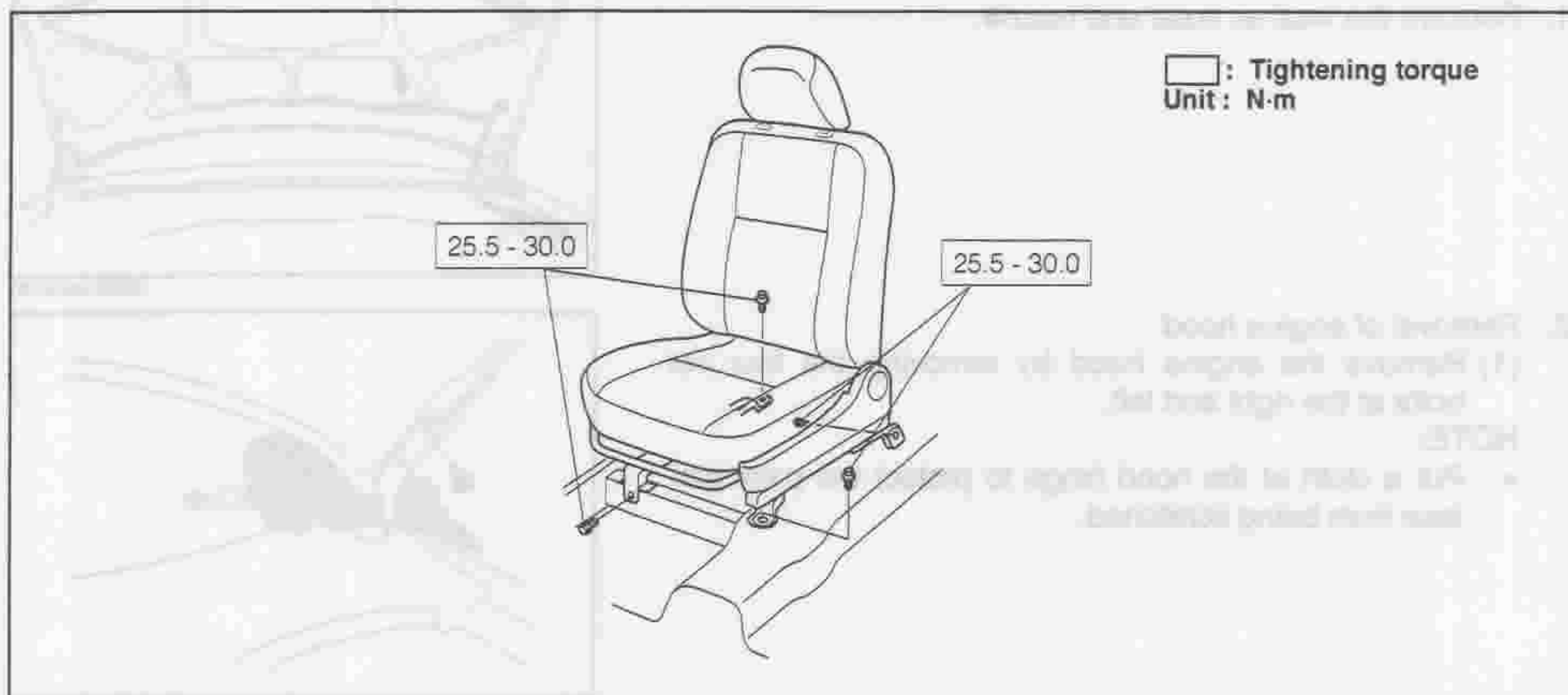
2. Hood lock adjustment

- (1) Adjust the hood lock position so that the hood can be opened/closed smoothly.



LBO00127-00123

FRONT SEAT COMPONENTS



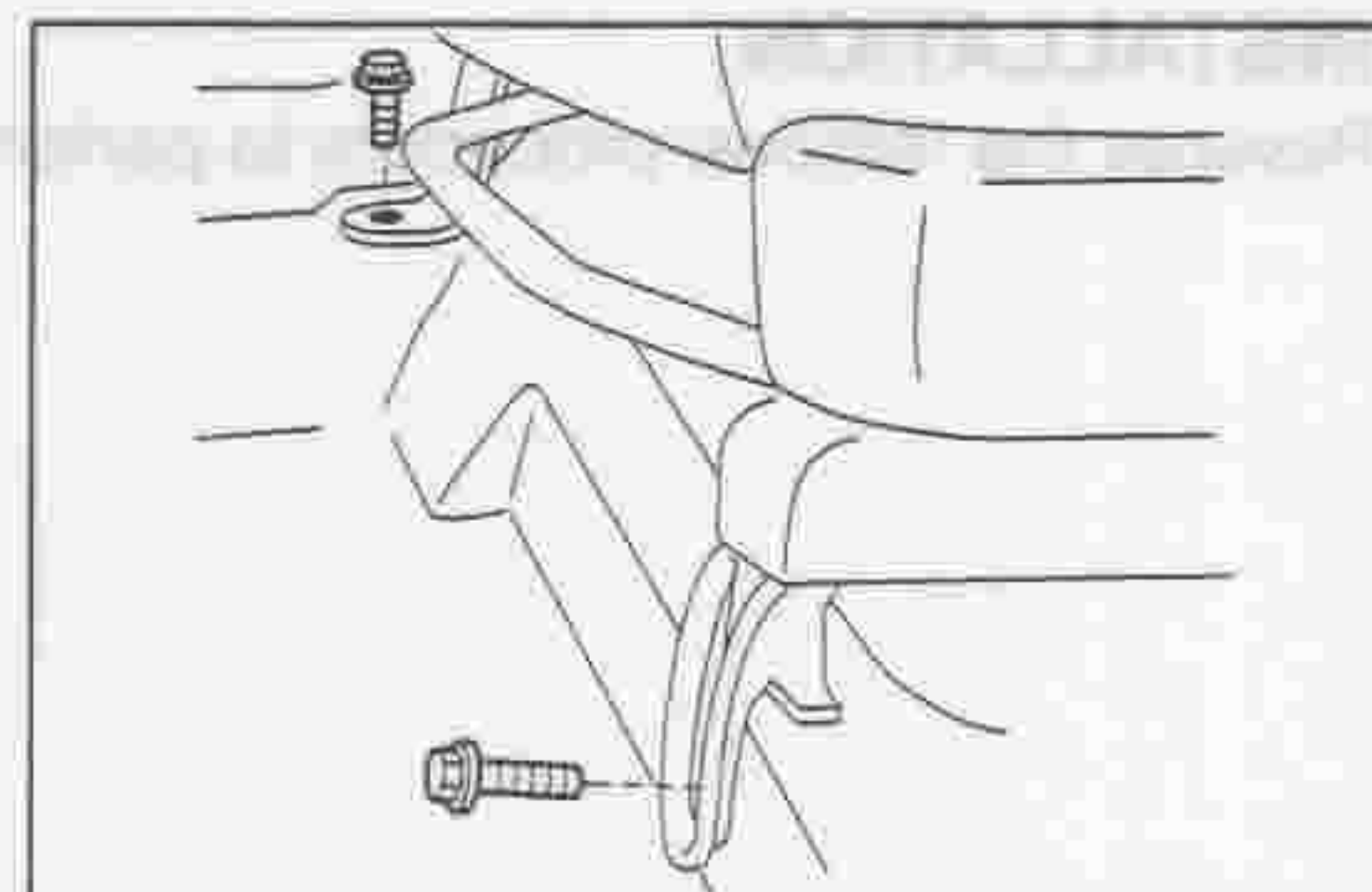
LBO00129-00125

REMOVAL

1. Remove the negative (-) terminal of the battery.
2. Disconnect the seat belt warning lamp connector (if so equipped).

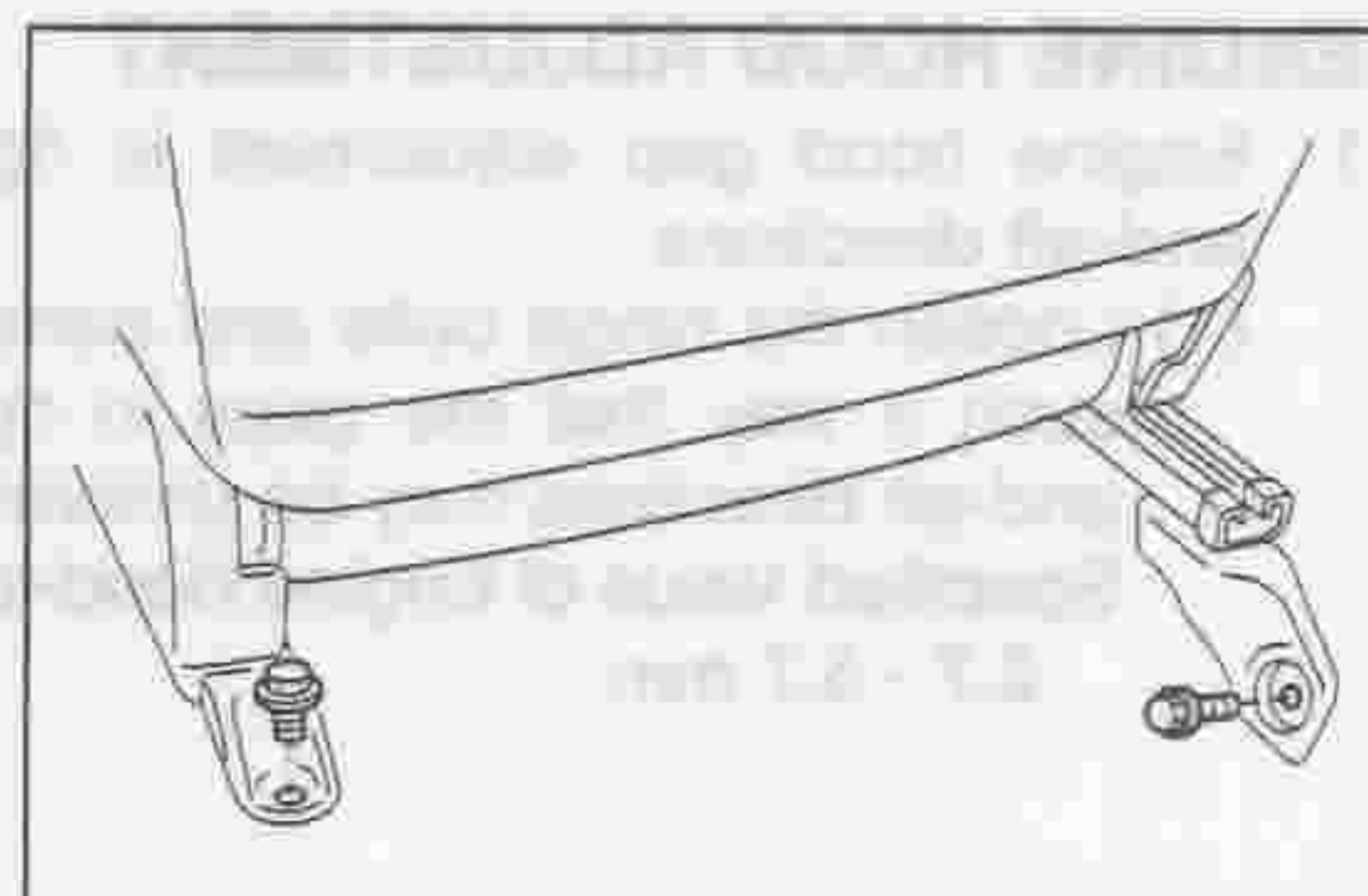
CAUTION:

- Start this operation three minutes after disconnecting the battery terminal.



LBO00130-00126

3. Removal of seat assembly
 - (1) Move the seat to its foremost position and remove the two set bolts.
 - (2) Move the seat to its rearmost position and remove the two set bolts.



LBO00131-00127

INSTALLATION

Reverse the removal procedure to perform the installation.

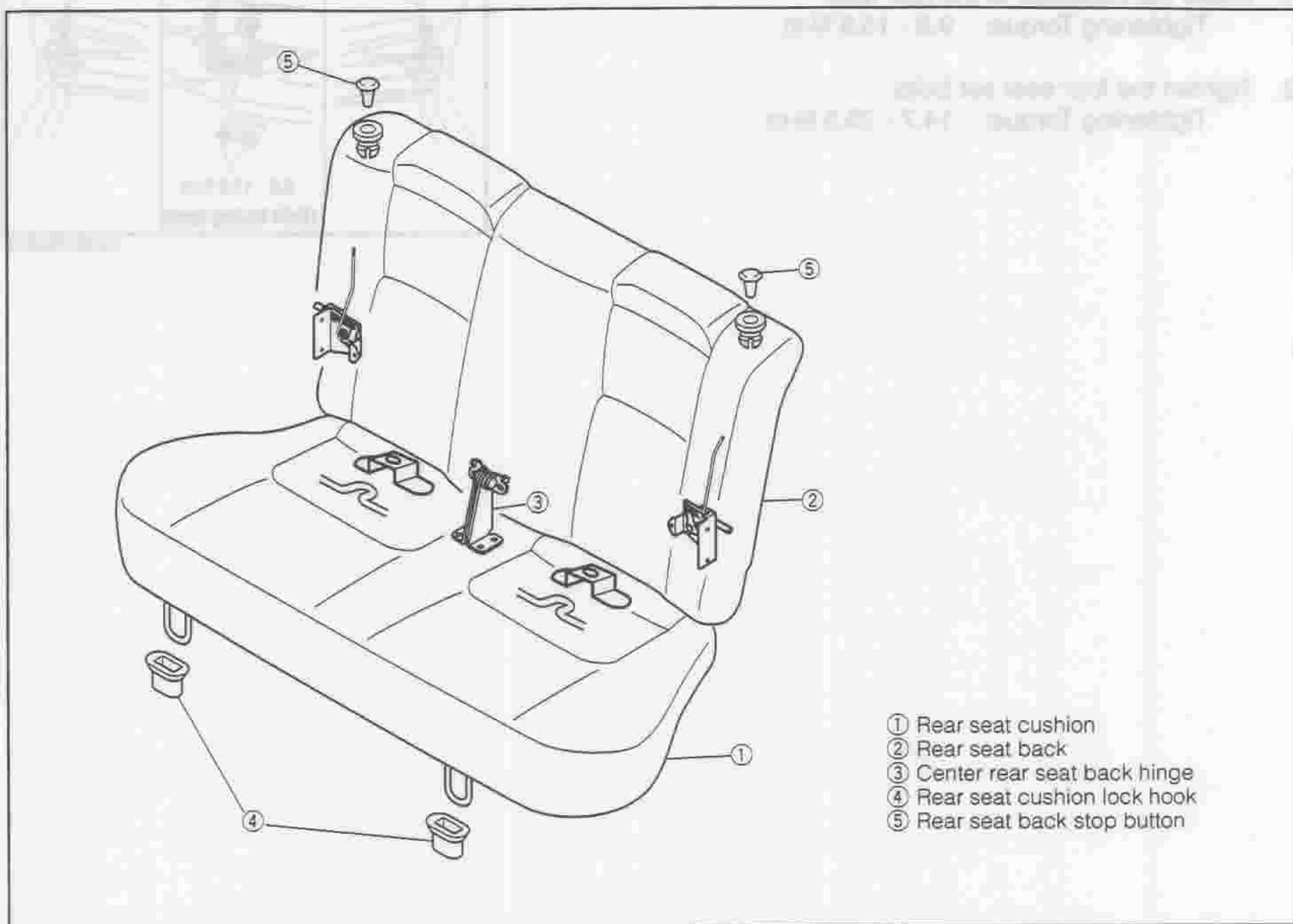
1. Tighten the seat set bolts.
Tightening Torque: 25.0 - 30.0 N·m

NOTE:

- Make sure that the seat slides smoothly and that the seat adjuster is locked securely.

LBO00132-00000

REAR SEAT COMPONENTS

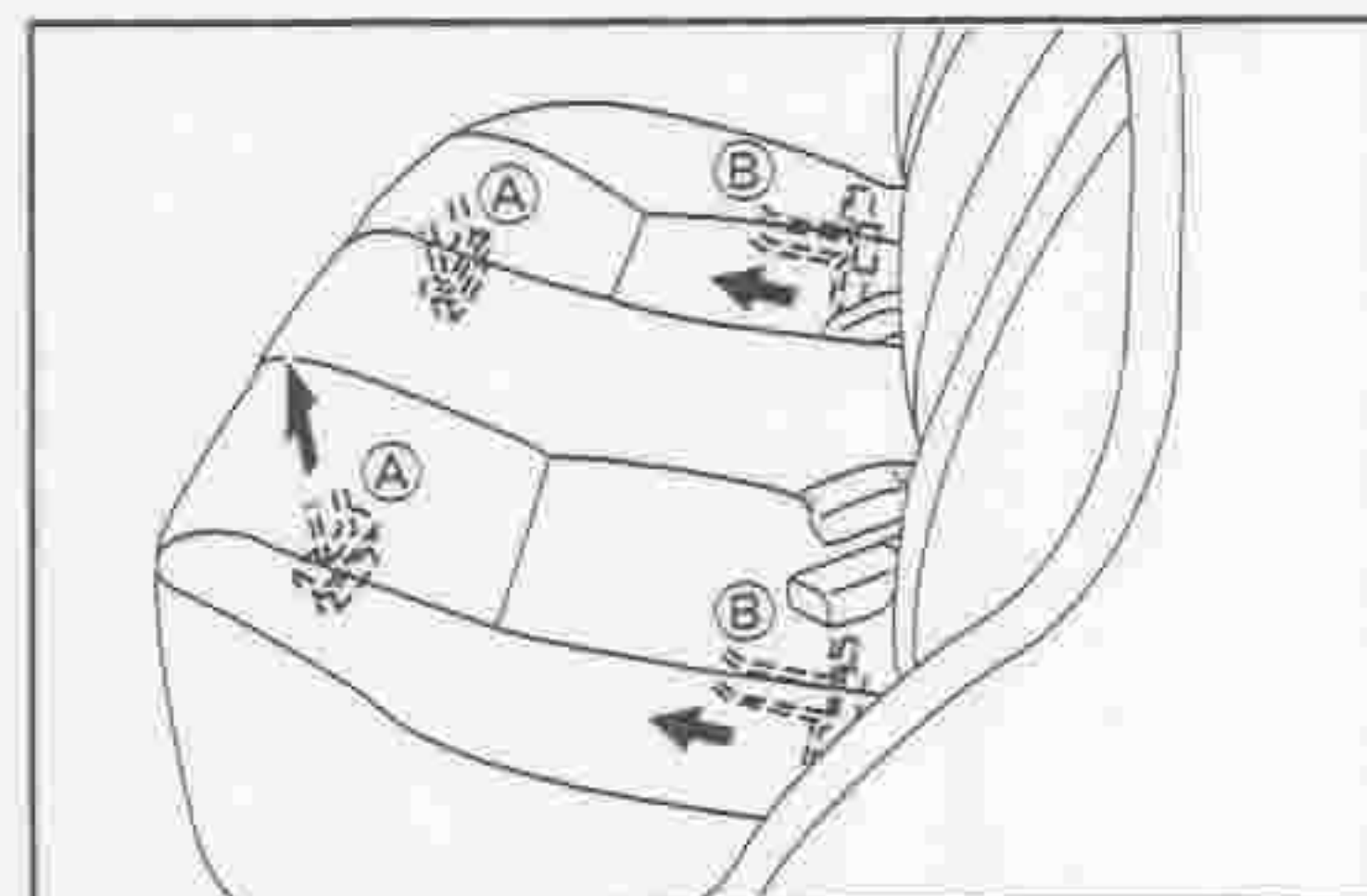


- ① Rear seat cushion
- ② Rear seat back
- ③ Center rear seat back hinge
- ④ Rear seat cushion lock hook
- ⑤ Rear seat back stop button

LBO00133-00128

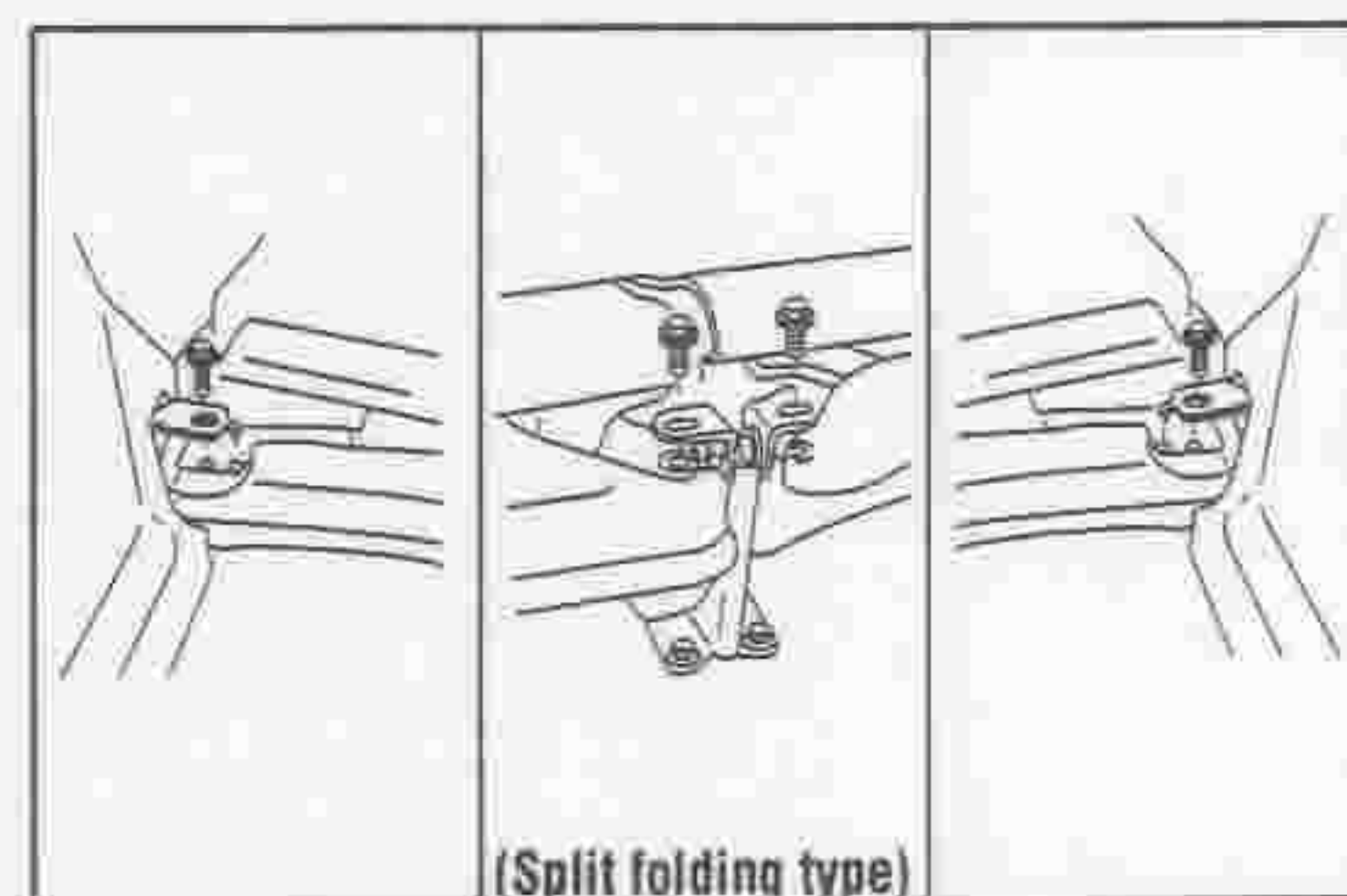
REMOVAL

1. Removal of rear seat cushion
 - (1) Pull the front section of the seat cushion upward and detach the retainer at the section (A).
 - (2) Pull the seat cushion to the front and detach the clamp at the section (B).



LBO00134-00129

2. Removal of rear seat back
 - (1) Remove the four set bolts from the bracket.
 - (2) Remove the seat back (right and left) from the bracket.
 - (3) Remove the rear seatback hinge.



LBO00135-00130

INSTALLATION

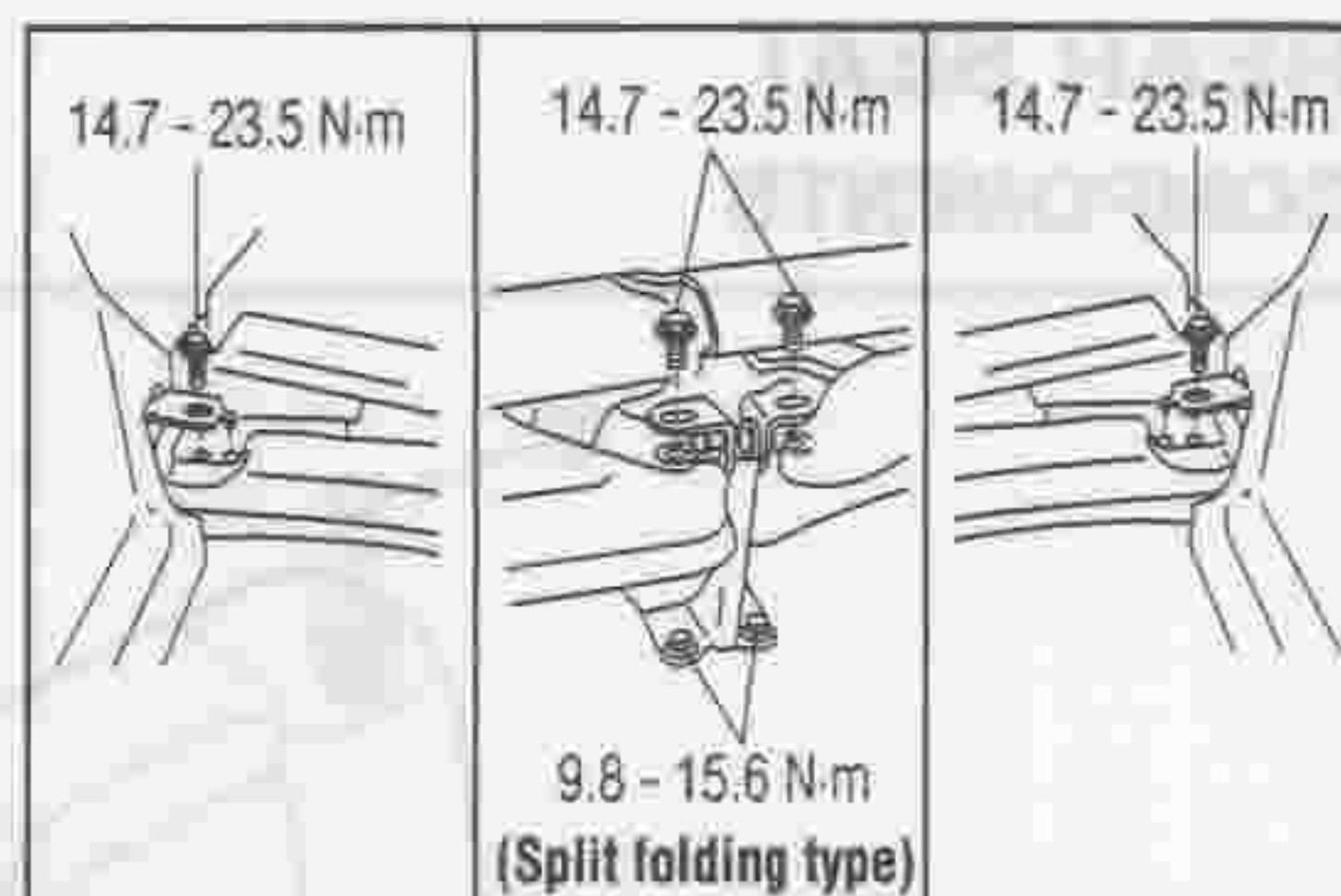
Reverse the removal procedure to perform the installation.

1. Install the seatback to the rear floor.

Tightening Torque: 9.8 - 15.6 N·m

2. Tighten the four seat set bolts.

Tightening Torque: 14.7 - 23.5 N·m



LBO00136-00131

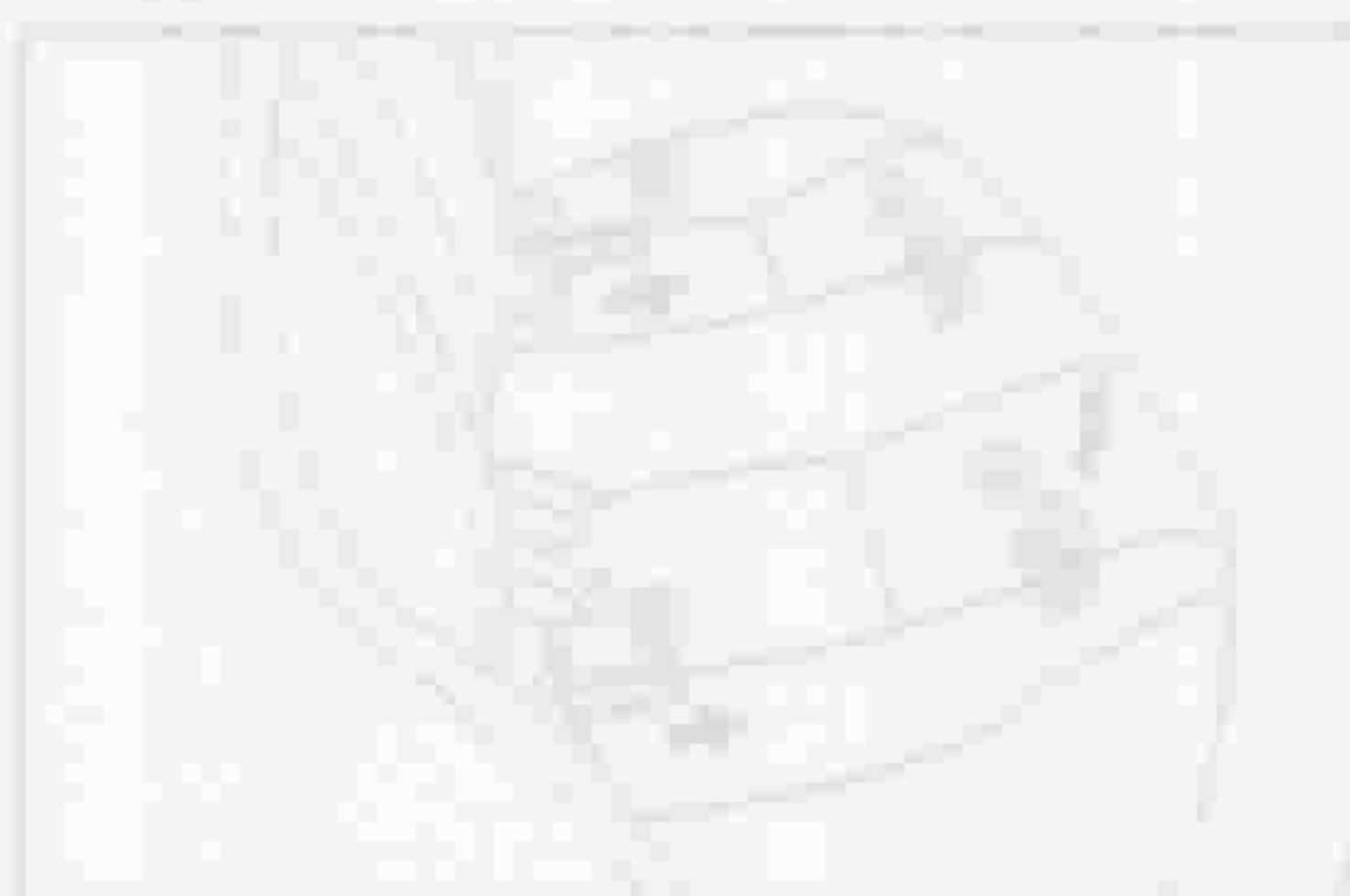


Remove the seat back
from the rear floor
and install the seat back
to the rear floor.
Tighten the seat back
bolts to the specified torque.

REMOVAL

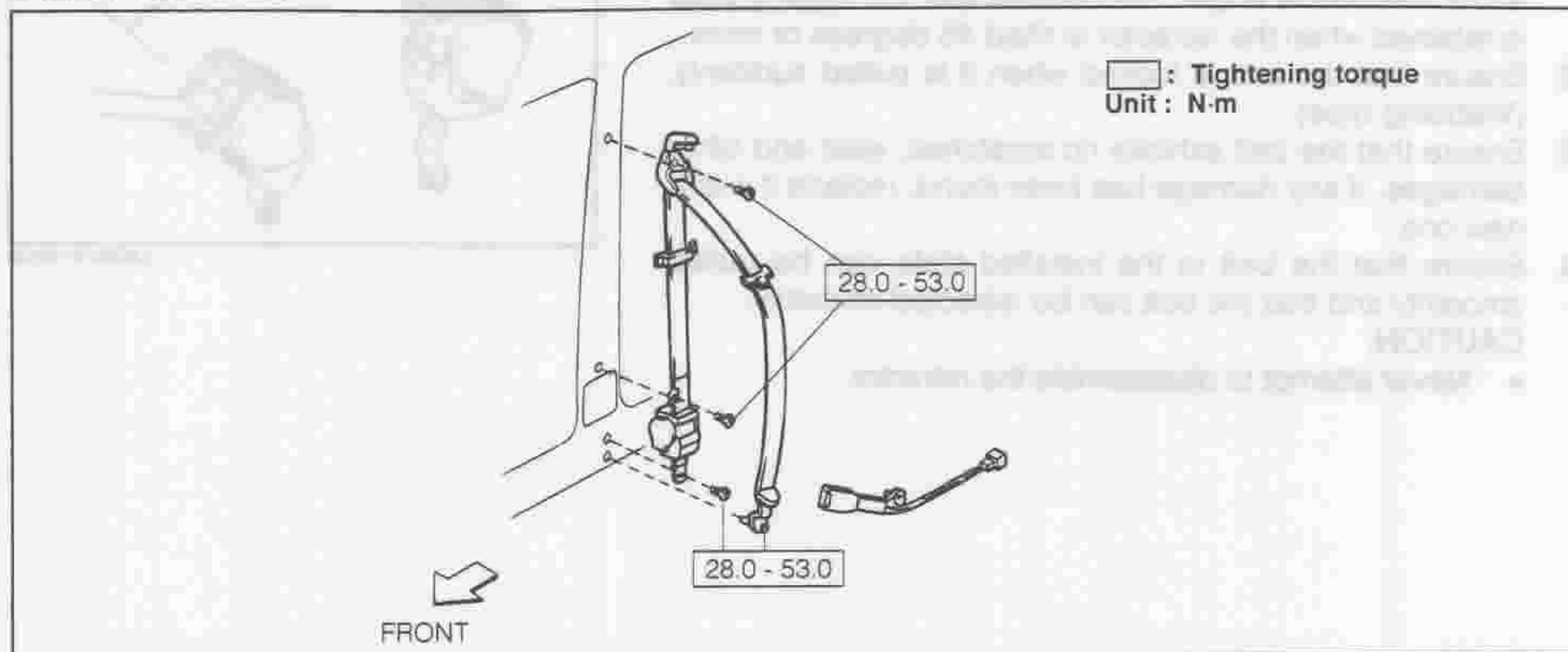
1. Remove the seat back from the rear floor.
a. Loosen the four seat set bolts to the specified torque and remove the seat back from the rear floor.
b. The seat back will be removed and stored in the storage area.
c. The seat back will be removed and stored in the storage area.

2. Remove the seat back from the rear floor.
a. Loosen the four seat set bolts to the specified torque and remove the seat back from the rear floor.
b. The seat back will be removed and stored in the storage area.
c. The seat back will be removed and stored in the storage area.



SEAT BELT

FRONT SEAT BELT COMPONENTS



LBO00137-00132

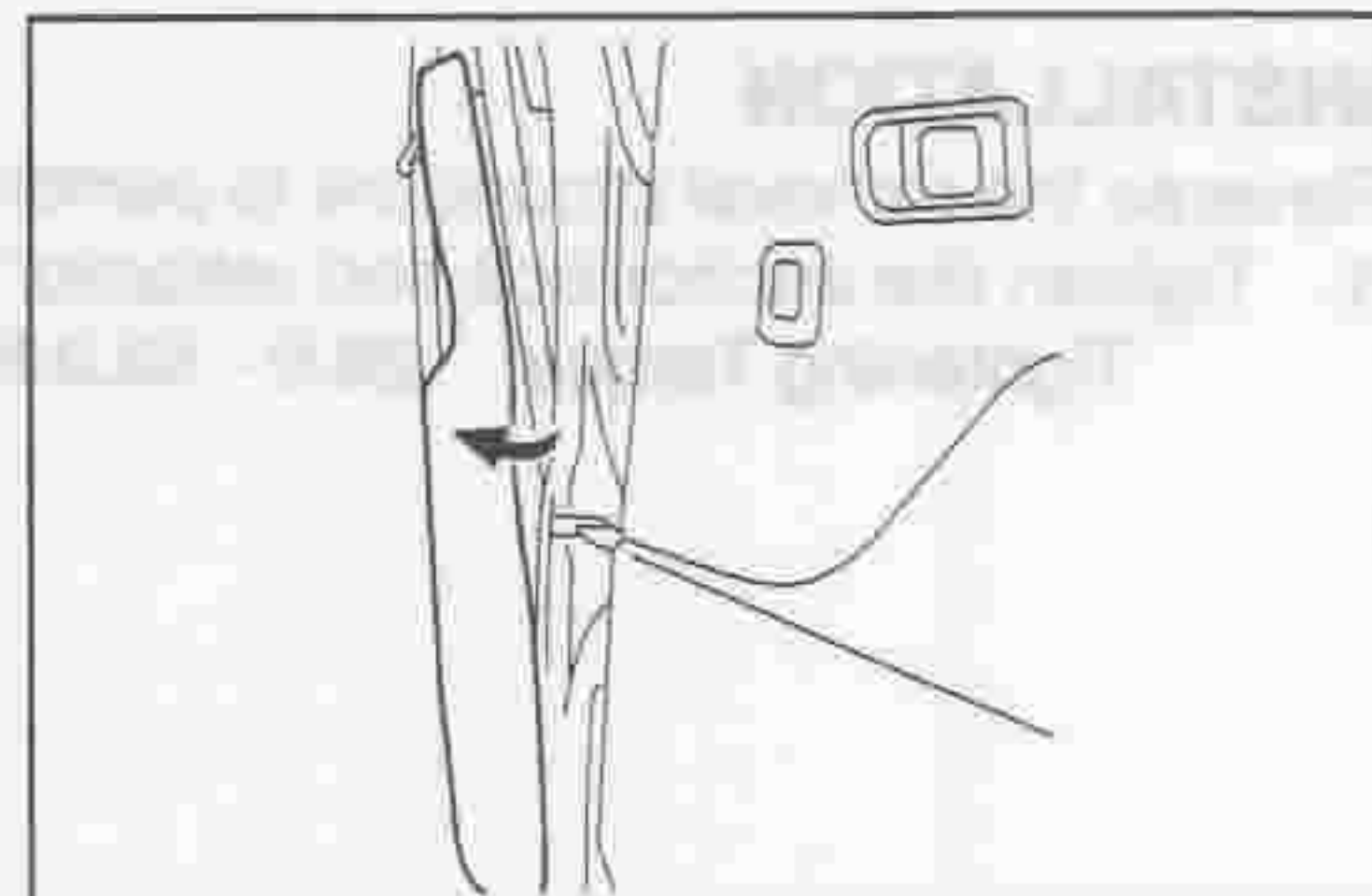
REMOVAL

NOTE:

- Set the ignition switch to the OFF or LOCK position. Disconnect the negative (-) terminal of the battery. Three minutes later, remove the pretensioner terminal. (Pretensioner-equipped vehicles)

1. Removal of center pillar garnish

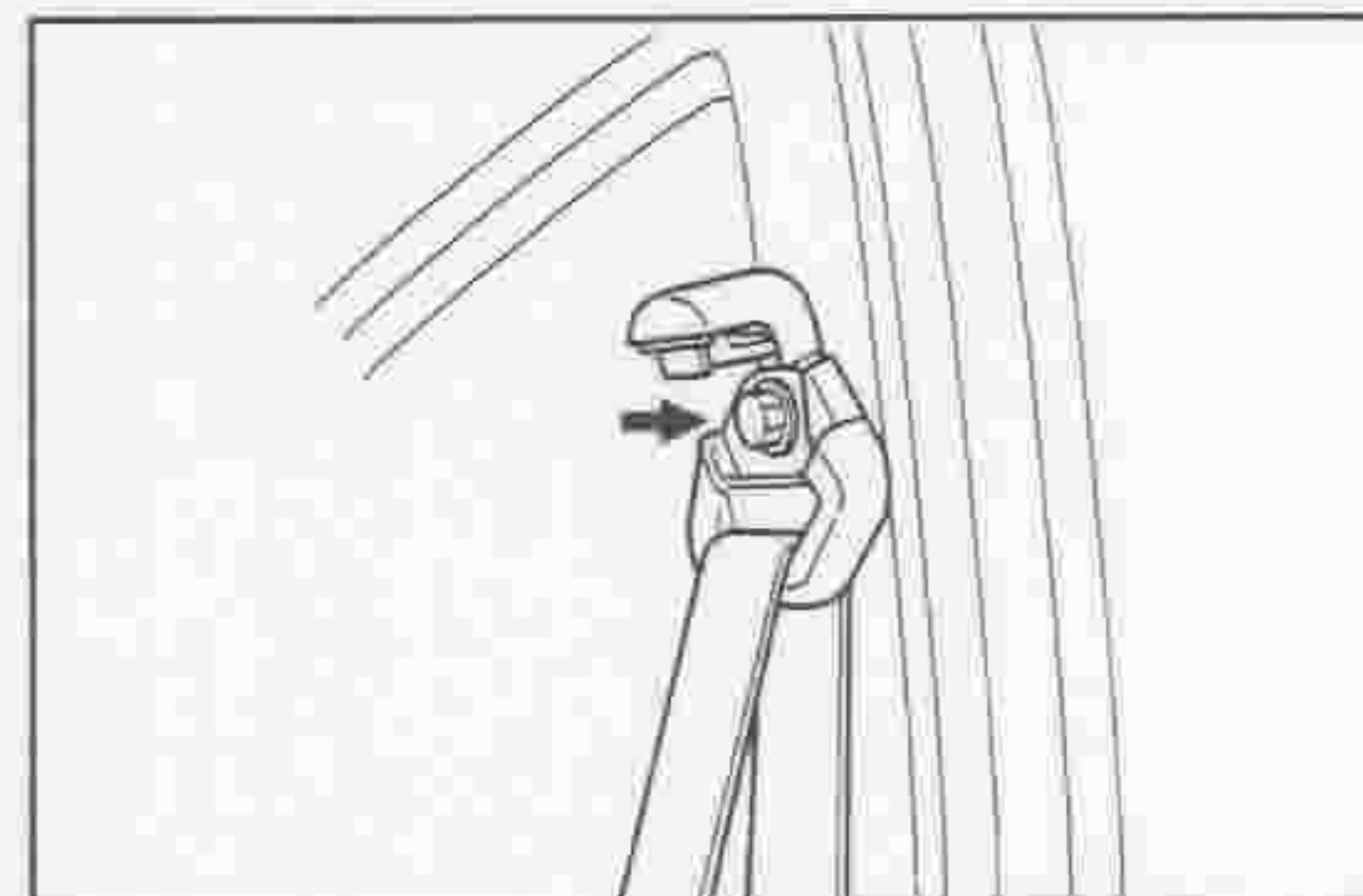
- (1) Remove the garnish from the center pillar.



LBO00138-00133

2. Removal of anchor bolt

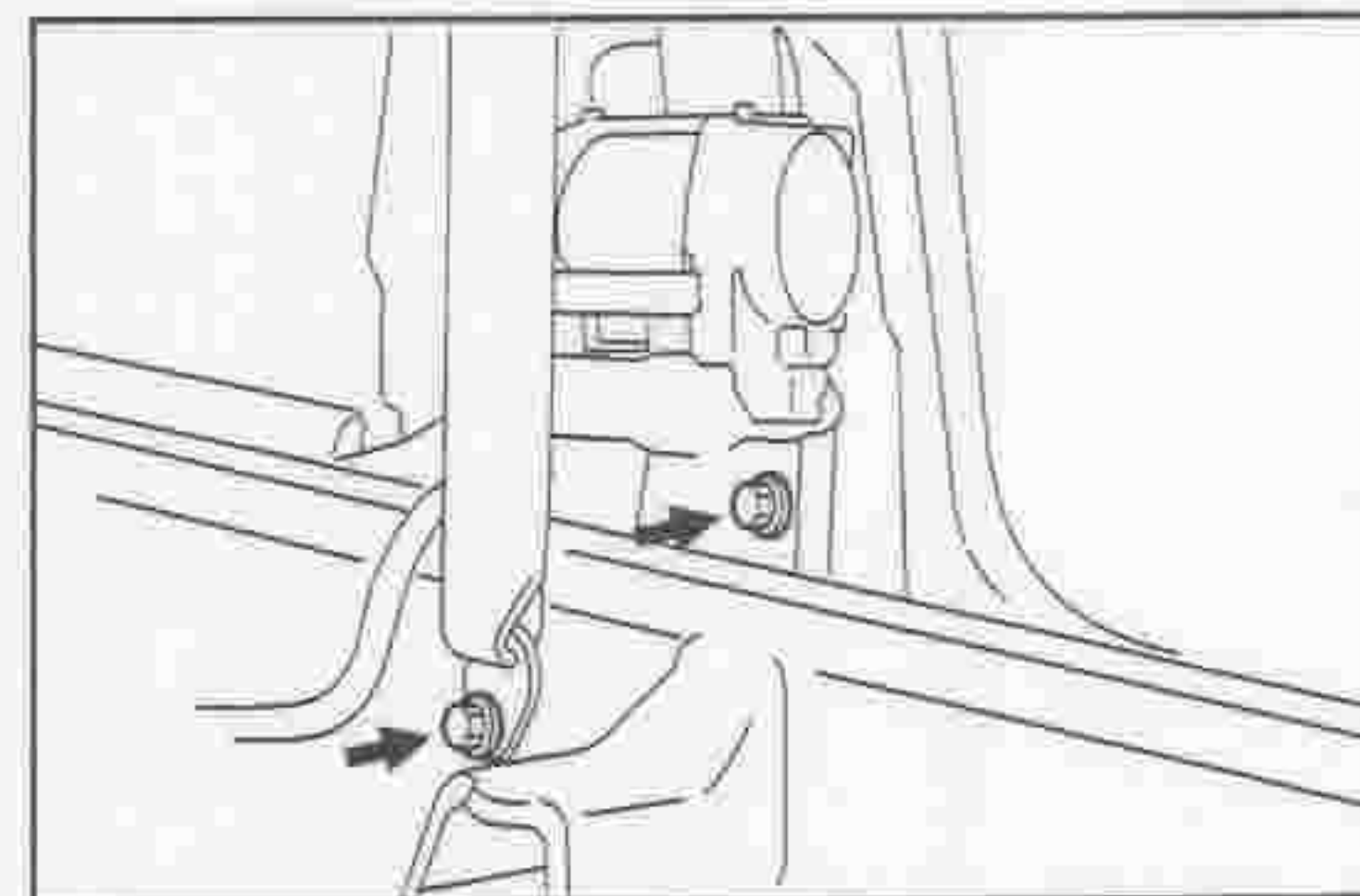
- (1) Detach the cap of the adjuster knob. Remove the anchor bolt.



LBO00139-00134

3. Removal of seat belt retractor

- (1) Detach the terminal of the pretensioner.
- (2) Remove the seat belt assembly from the center pillar by removing the two set bolts.



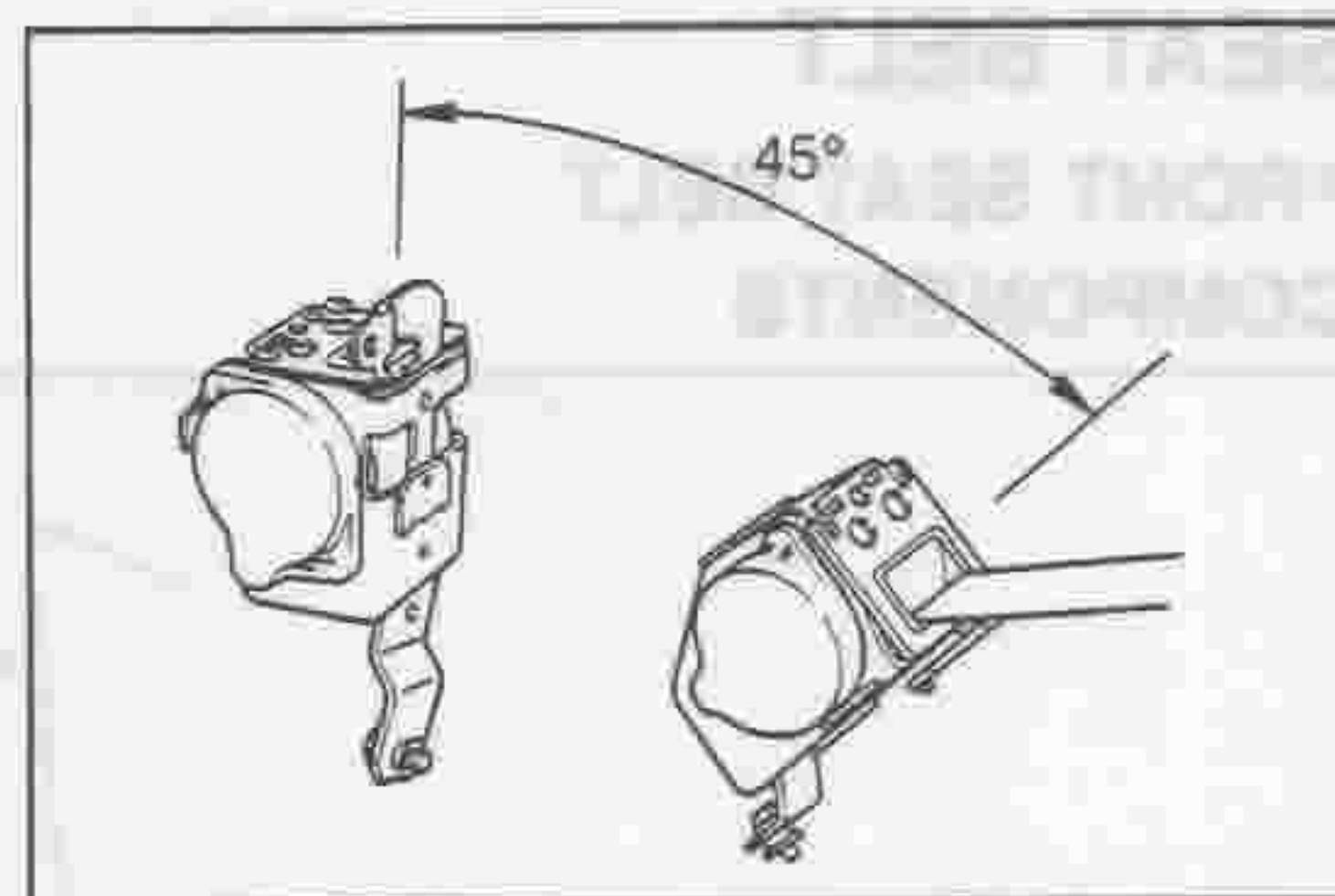
LBO00140-00135

RETRACTOR INSPECTION

1. Slowly tilt the retractor from the installation state. Ensure that no belt locking takes place within 15 degrees over the entire installation angle. Also ensure that the locking state is retained when the retractor is tilted 45 degrees or more.
2. Ensure that the belt is locked when it is pulled suddenly. (Webbing type)
3. Ensure that the belt exhibits no scratches, wear and other damages. If any damage has been found, replace it with a new one.
4. Ensure that the belt in the installed state can be pulled smoothly and that the belt can be retracted smoothly.

CAUTION:

- Never attempt to disassemble the retractor.



LBO00141-00136

INSTALLATION

Reverse the removal procedure to perform the installation.

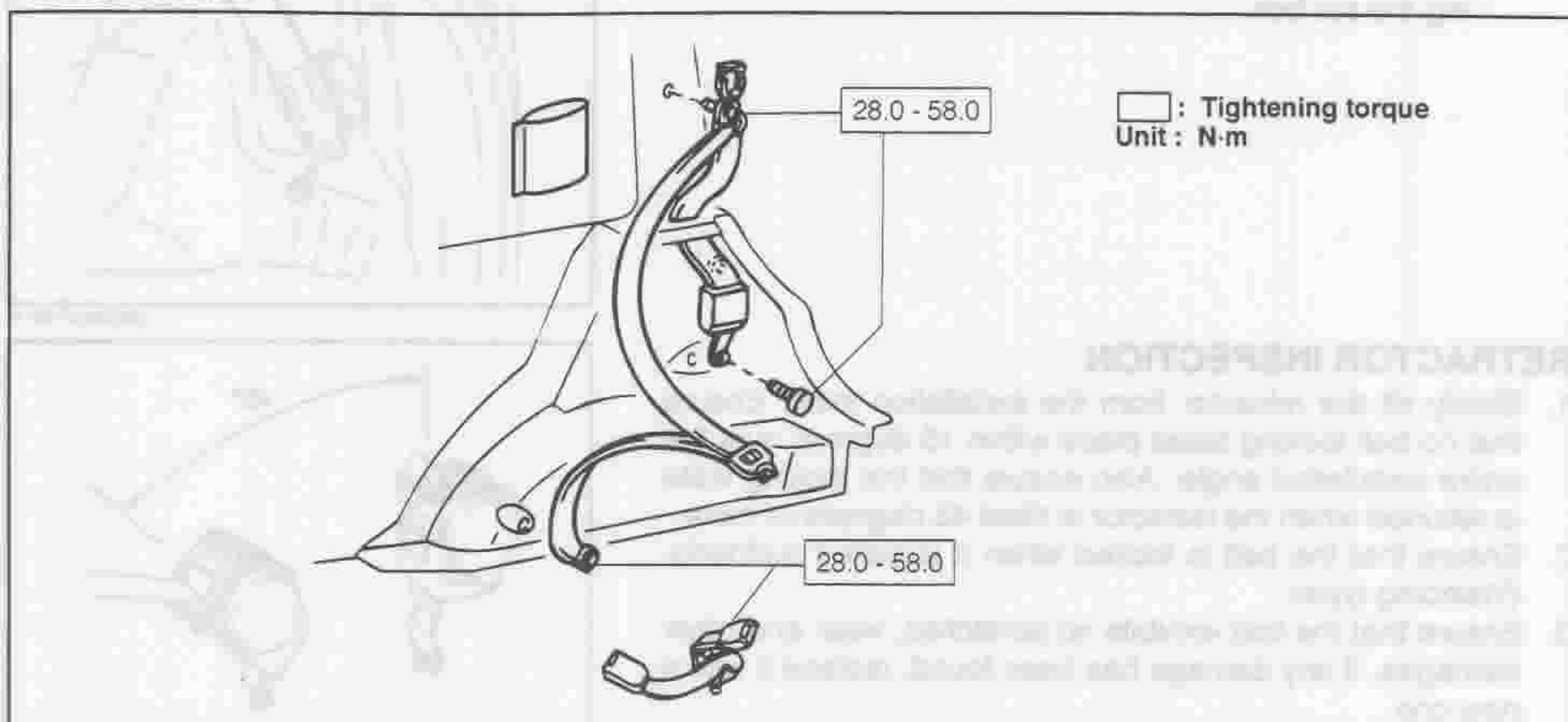
1. Tighten the anchor bolt and retractor set bolt.

Tightening Torque: 28.0 - 53.0 N·m



LBO00142-00000

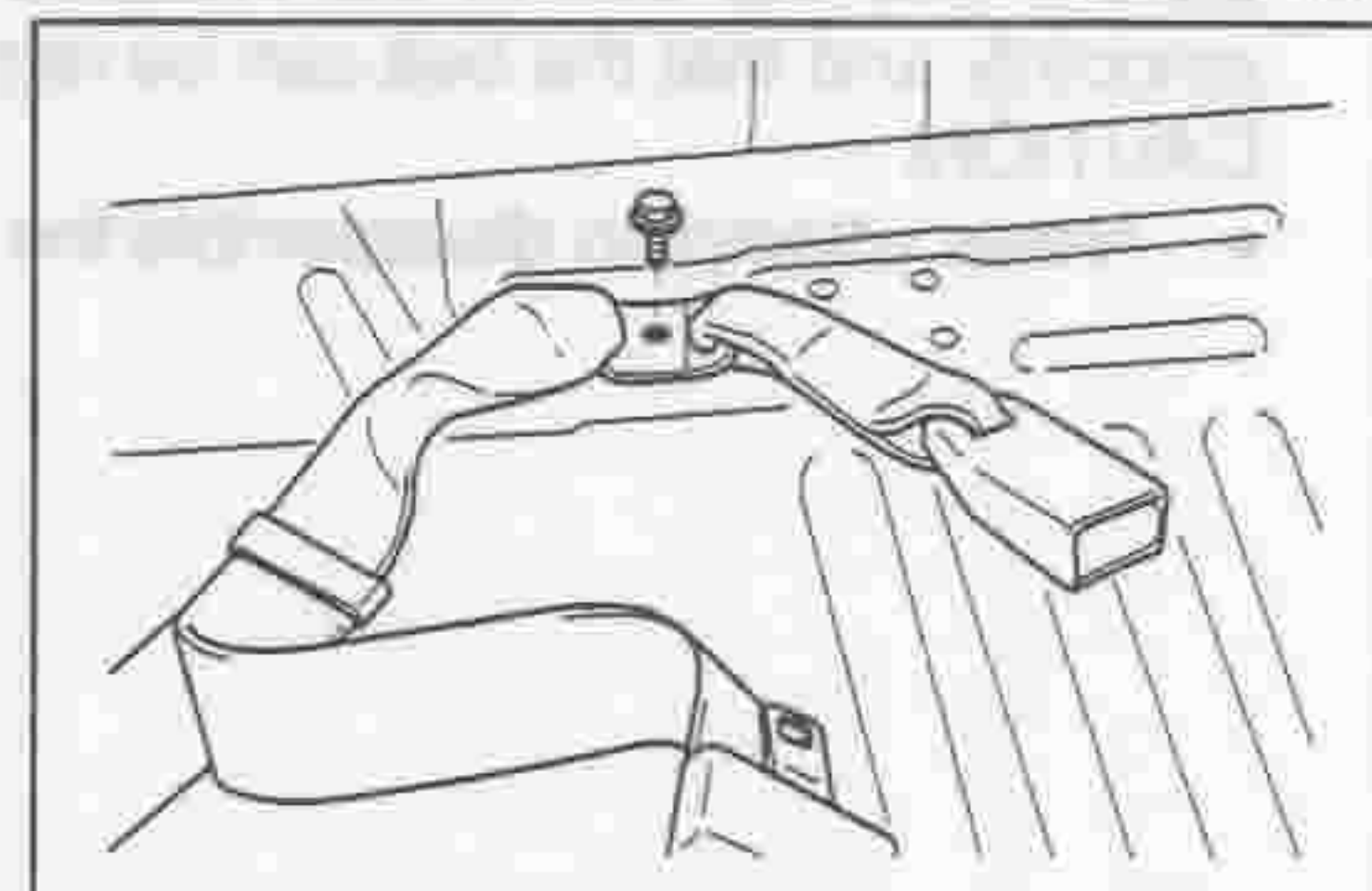
REAR SEAT BELT COMPONENTS



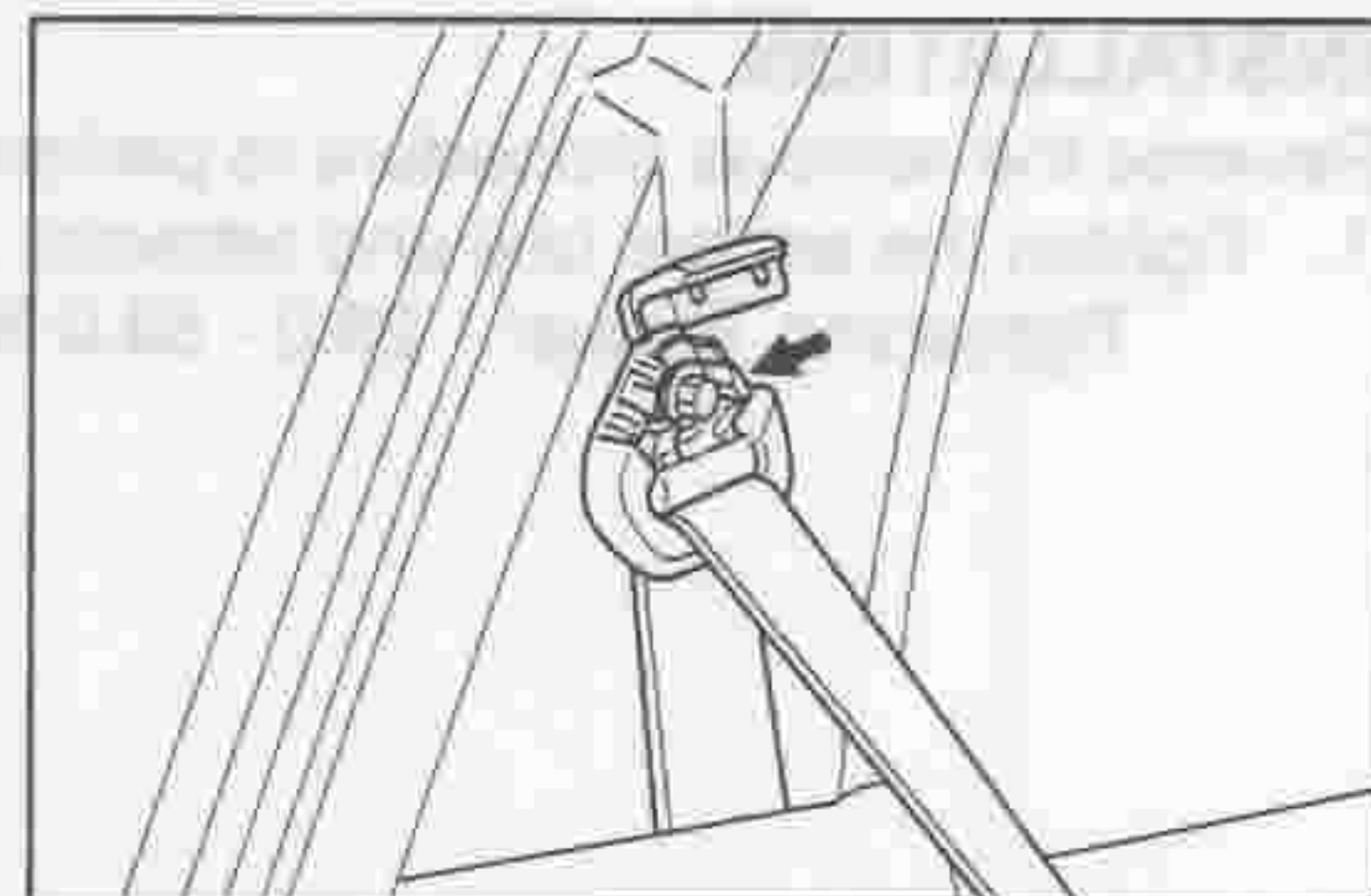
LBO00143-00137

REMOVAL

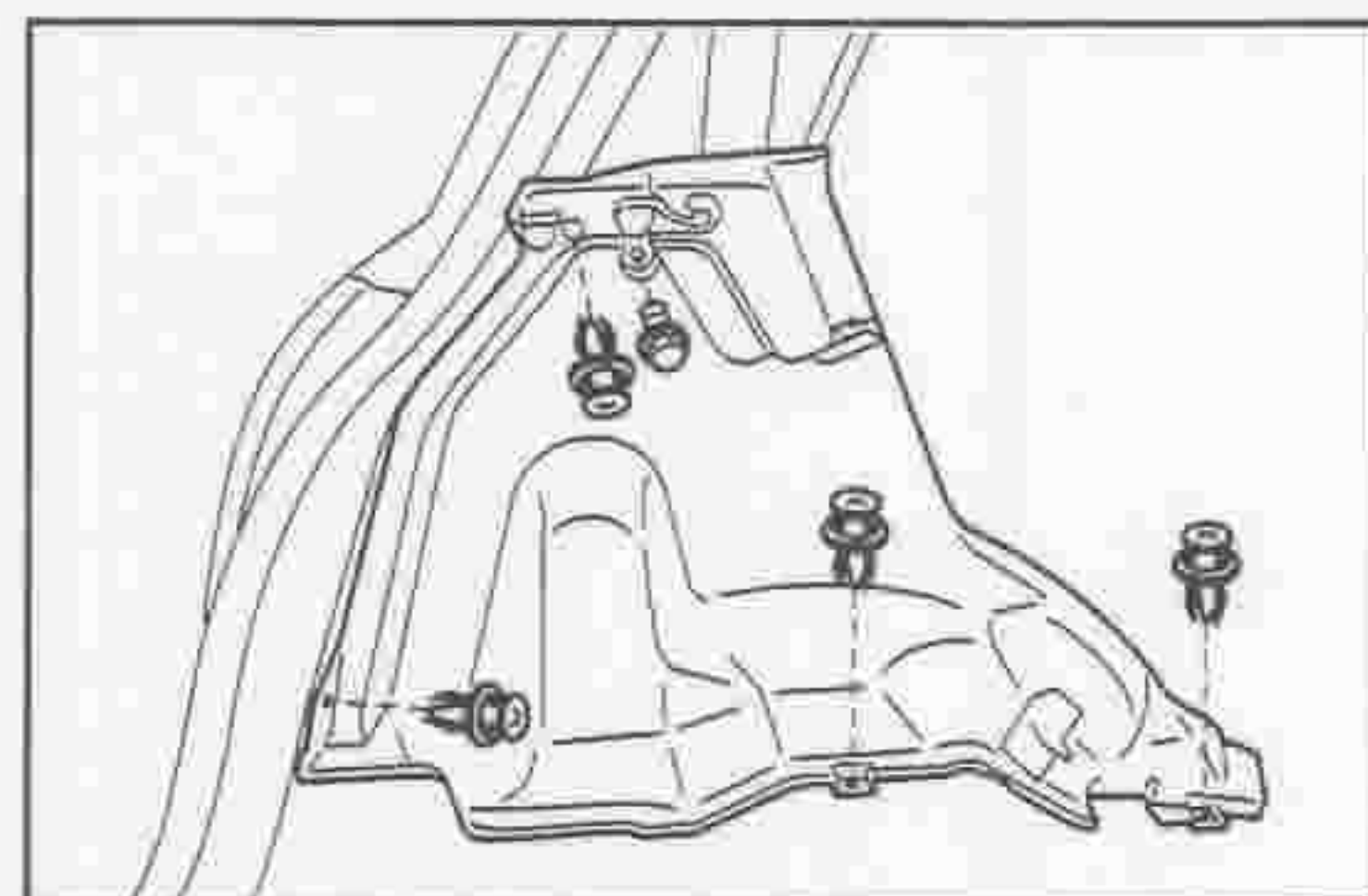
1. Removal of rear seat cushion & seatback
(Refer to the section under "Rear Seat.")
2. Removal of anchor bolt
(1) Remove the anchor bolt from the floor panel.
3. Removal of upper anchor bolt
(1) Remove the anchor bolt cover. Remove the anchor bolt.
4. Removal of deck side trim
(Refer to the section under "Trim & Garnish.")



LBO00144-00138



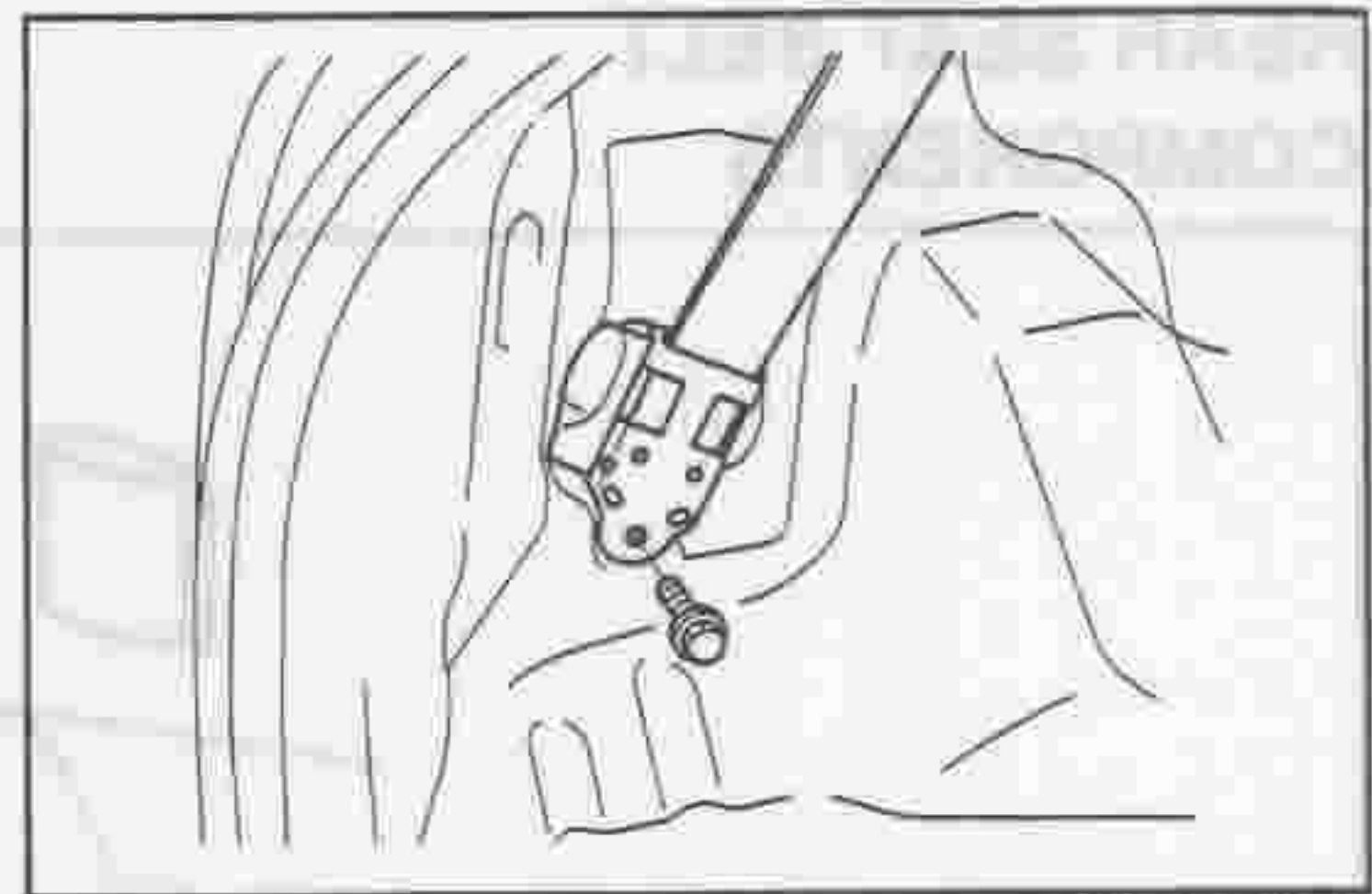
LBO00145-00139



LBO00146-00140

5. Removal of seat belt retractor

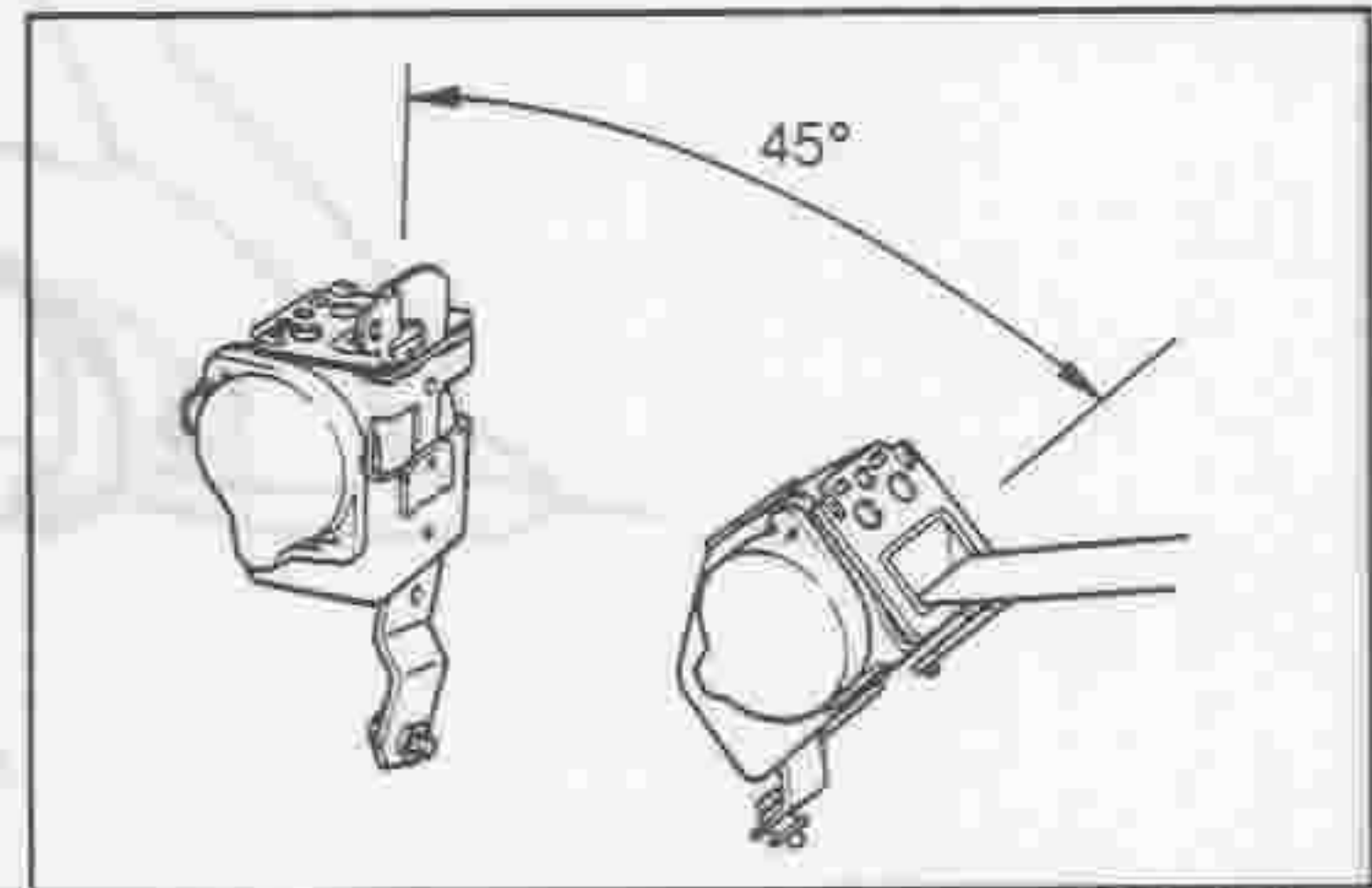
- (1) Remove the retractor from the quarter panel by removing the set bolt.



LBO00147-00141

RETRACTOR INSPECTION

1. Slowly tilt the retractor from the installation state. Ensure that no belt locking takes place within 15 degrees over the entire installation angle. Also ensure that the locking state is retained when the retractor is tilted 45 degrees or more.
2. Ensure that the belt is locked when it is pulled suddenly. (Webbing type)
3. Ensure that the belt exhibits no scratches, wear and other damages. If any damage has been found, replace it with a new one.
4. Ensure that the belt in the installed state can be pulled smoothly and that the belt can be retracted smoothly.



LBO00148-00142

CAUTION:

- Never attempt to disassemble the retractor.

INSTALLATION

Reverse the removal procedure to perform the installation.

1. Tighten the anchor bolt and retractor set bolt.

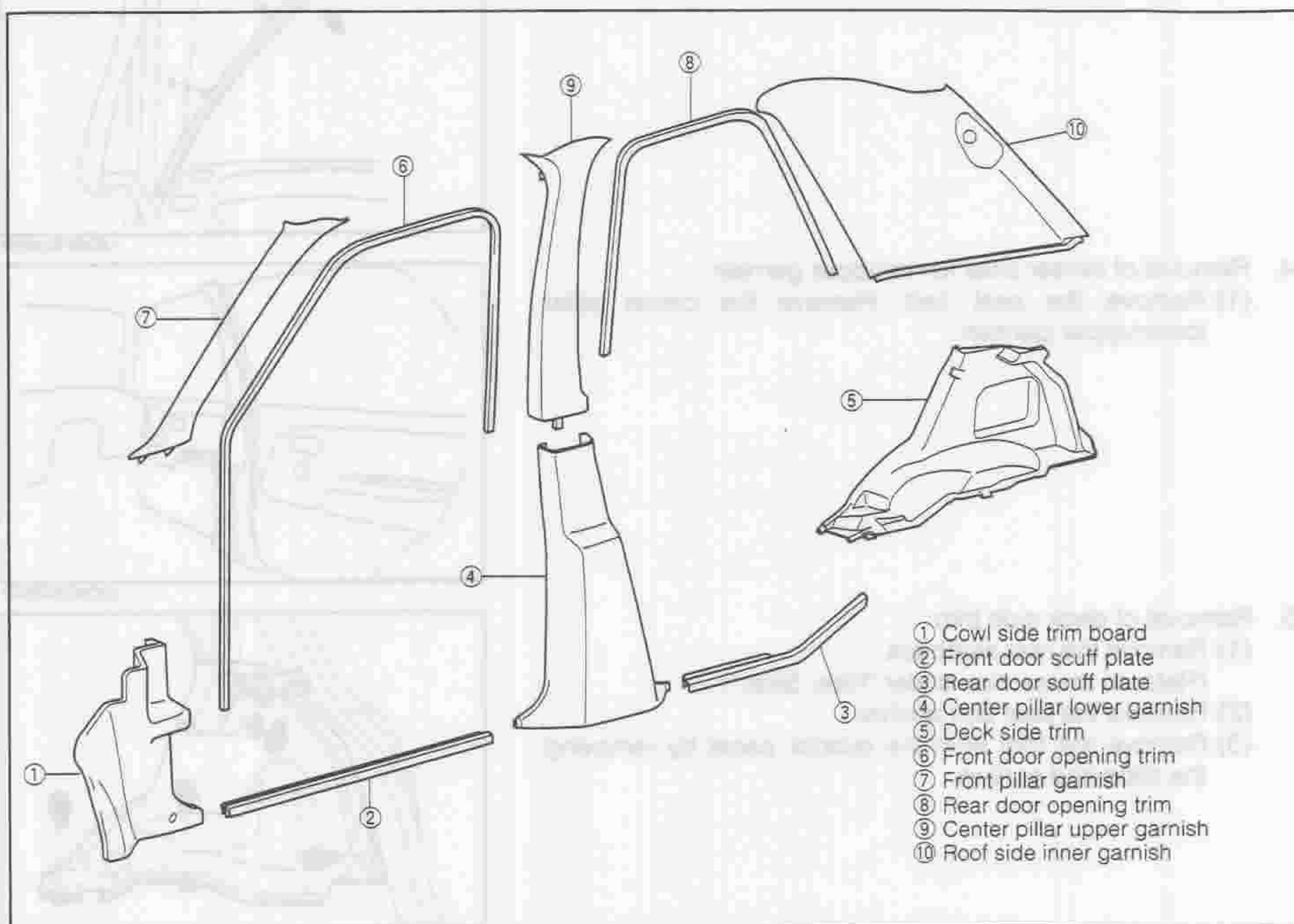
Tightening Torque: 28.0 - 53.0 N·m



LBO00149-00000



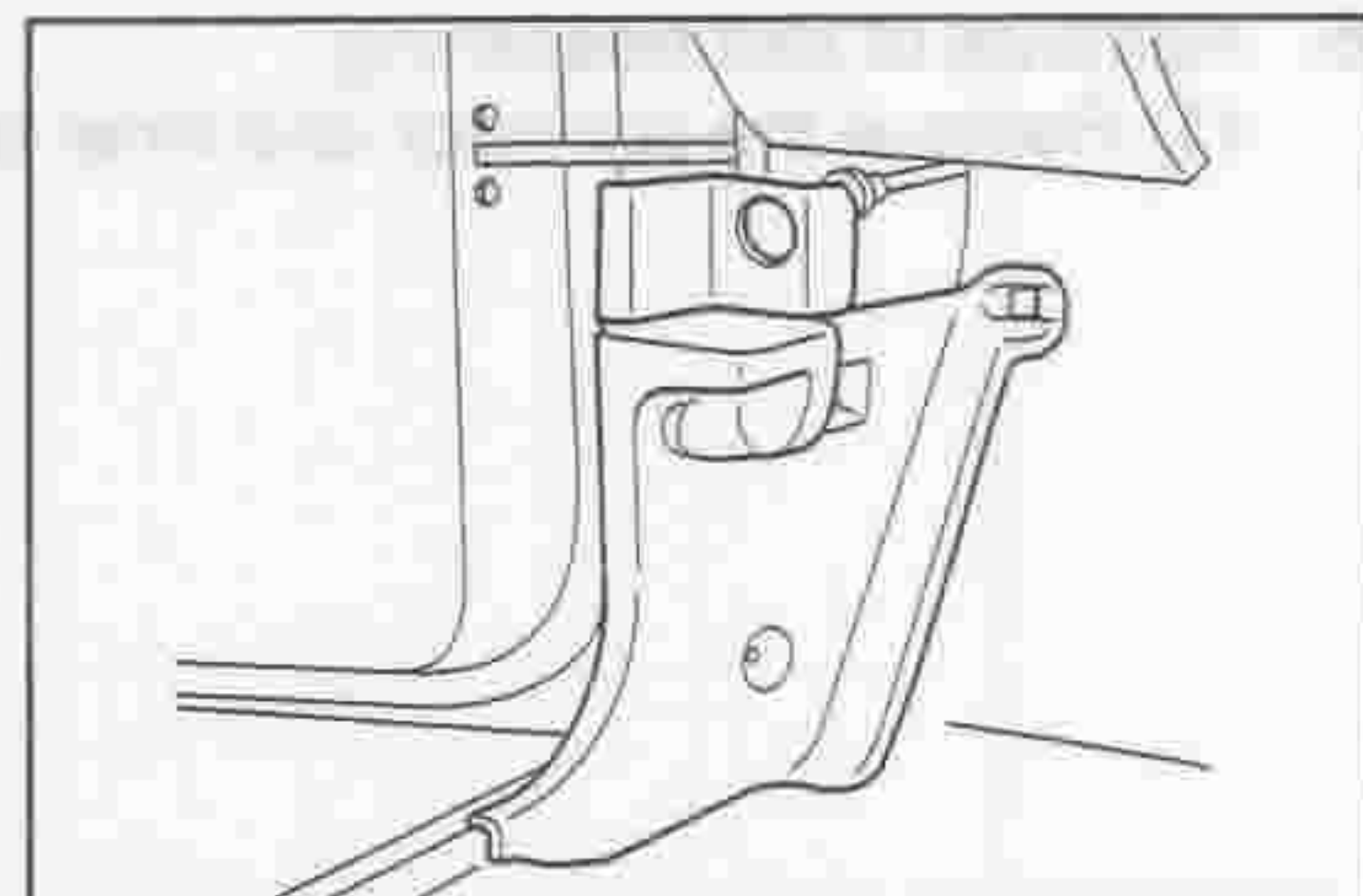
TRIM & GARNISH COMPONENTS



LBO00150-00143

1. Removal of cowl side trim board

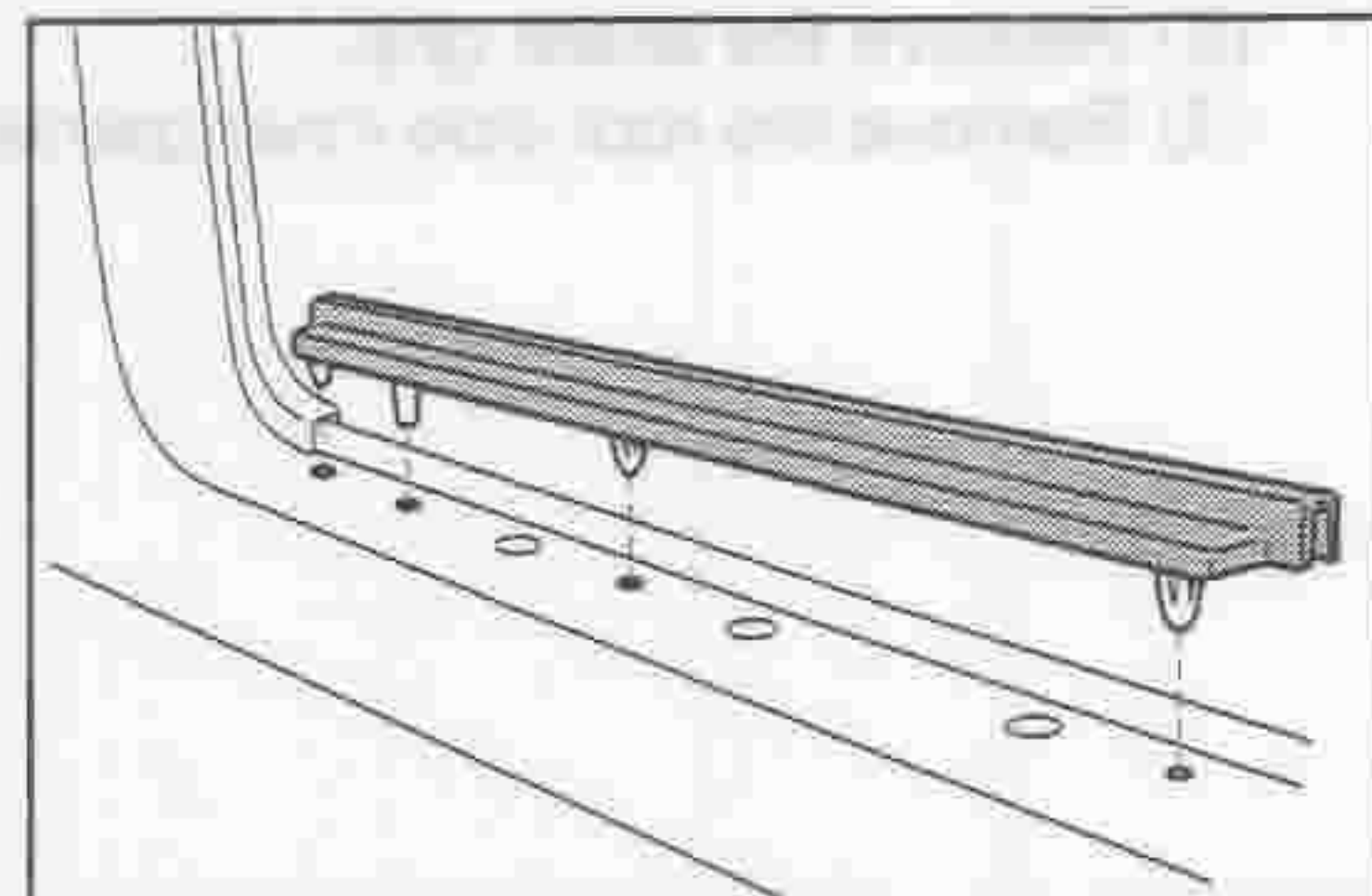
- (1) Remove the side trim board by removing the clip from the cowl panel.



LBO00151-00144

2. Removal of front door scuff plate

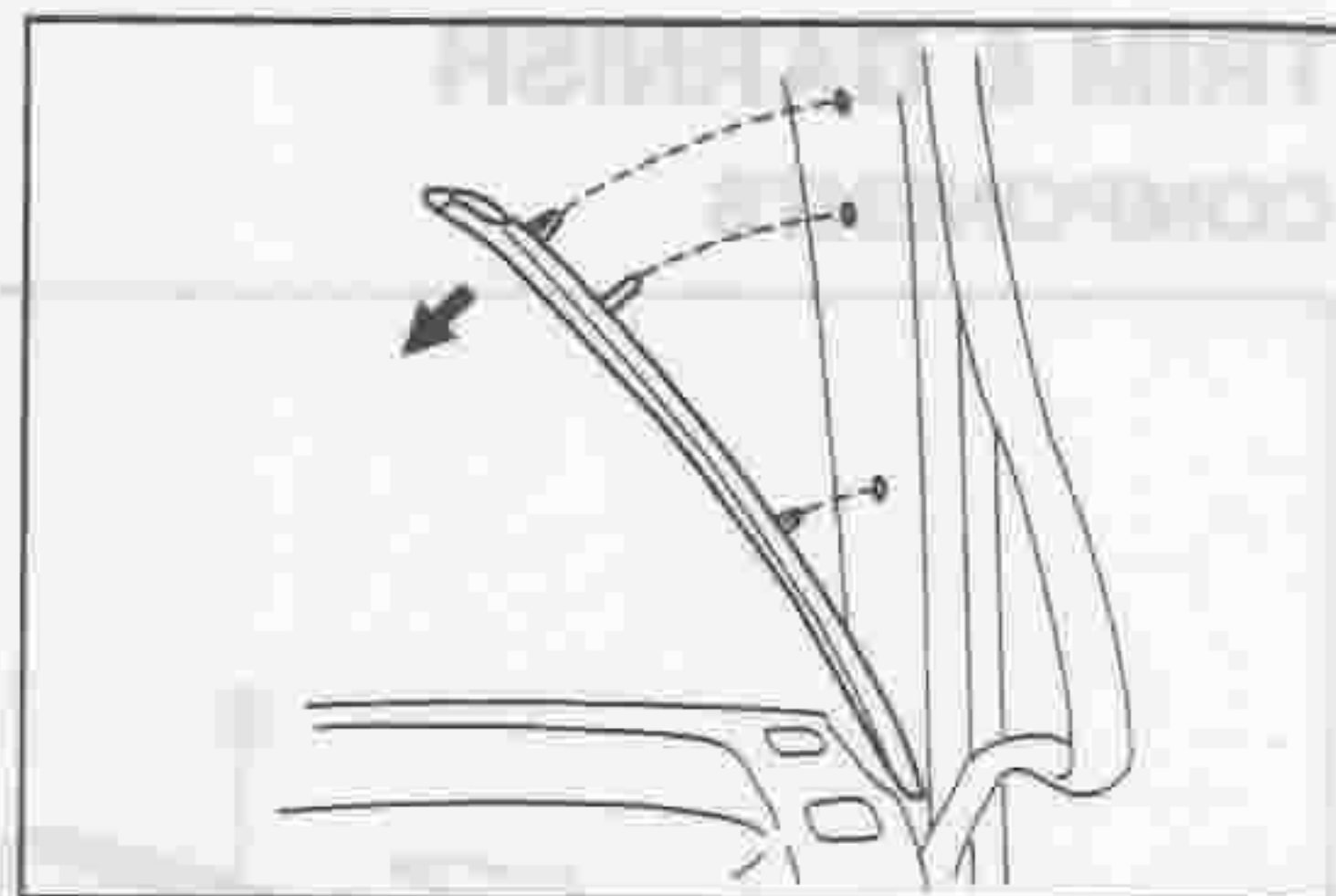
- (1) Remove the scuff plate by detaching the clips.



LBO00152-00145

3. Removal of front pillar garnish

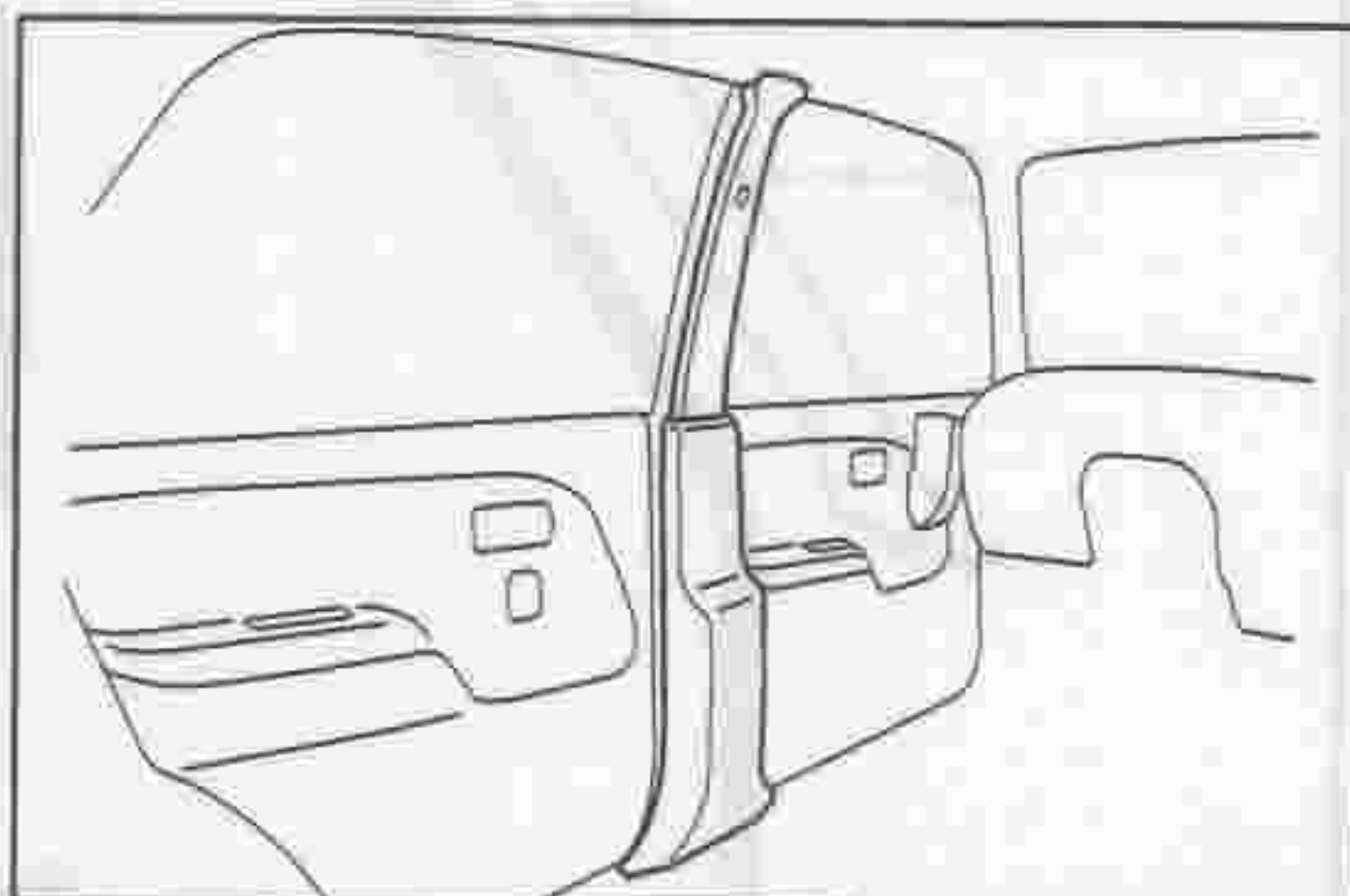
- (1) Remove the garnish by removing the two clips from the front pillar.



LBO00153-00146

4. Removal of center pillar lower/upper garnish

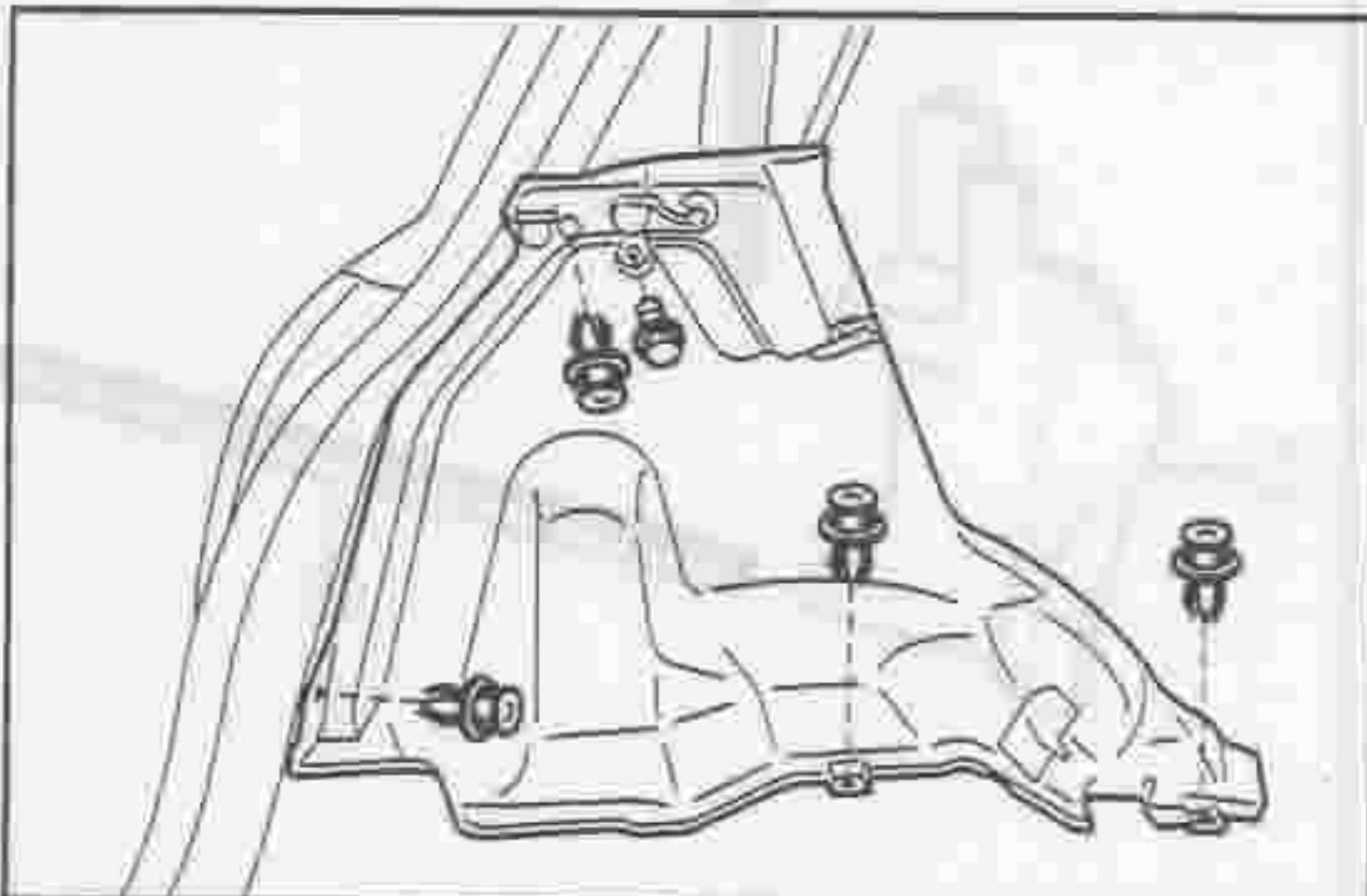
- (1) Remove the seat belt. Remove the center pillar lower/upper garnish.



LBO00154-00147

5. Removal of deck side trim

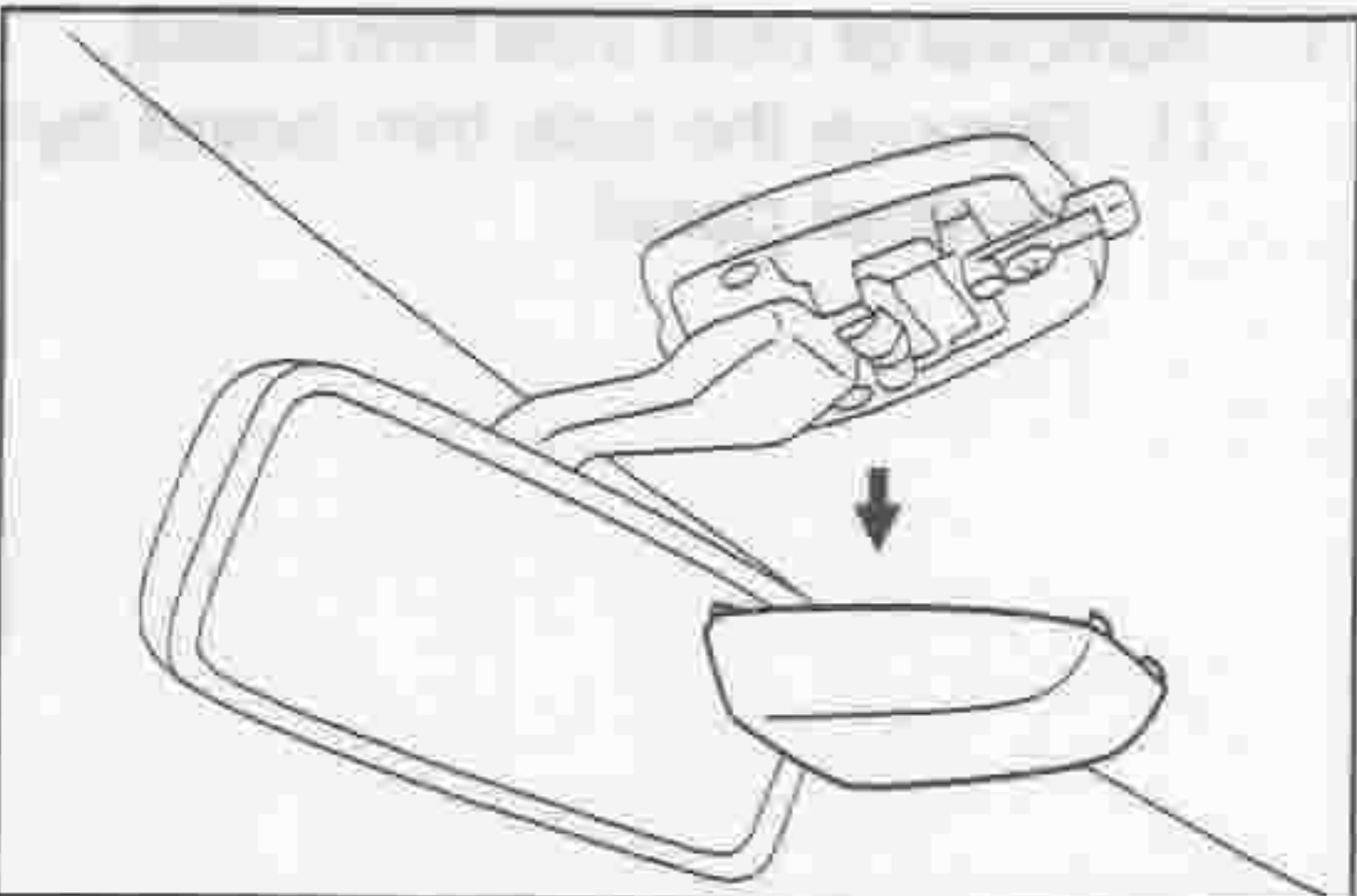
- (1) Remove the rear seatback.
(Refer to the section under "Rear Seat.")
- (2) Remove the seat belt anchor.
- (3) Remove the trim from the quarter panel by removing the clips and screws.



LBO00155-00148

6. Removal of roof headlining

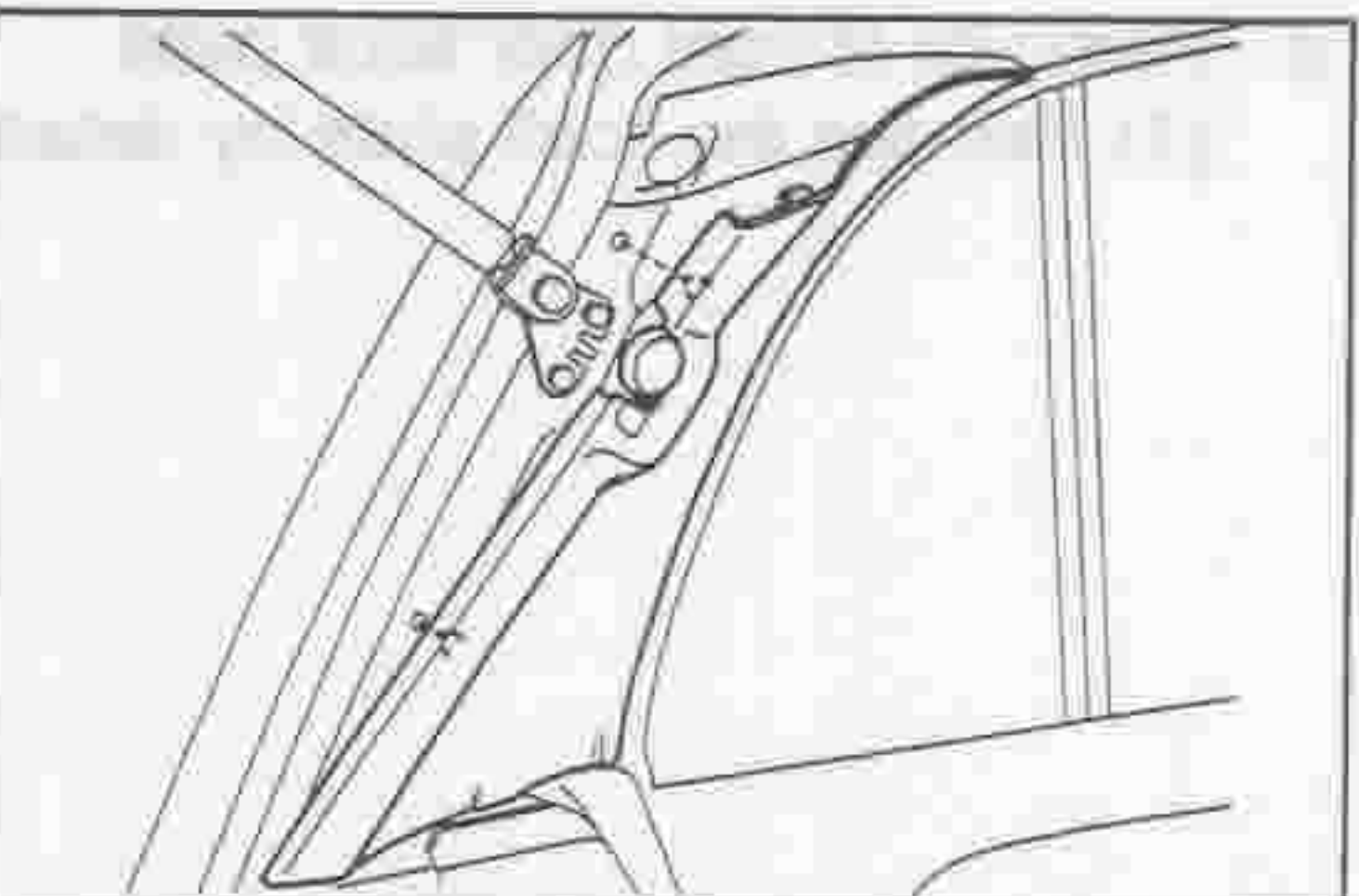
- (1) Remove the sun visor and inner rear-view mirror.



LBO00156-00149

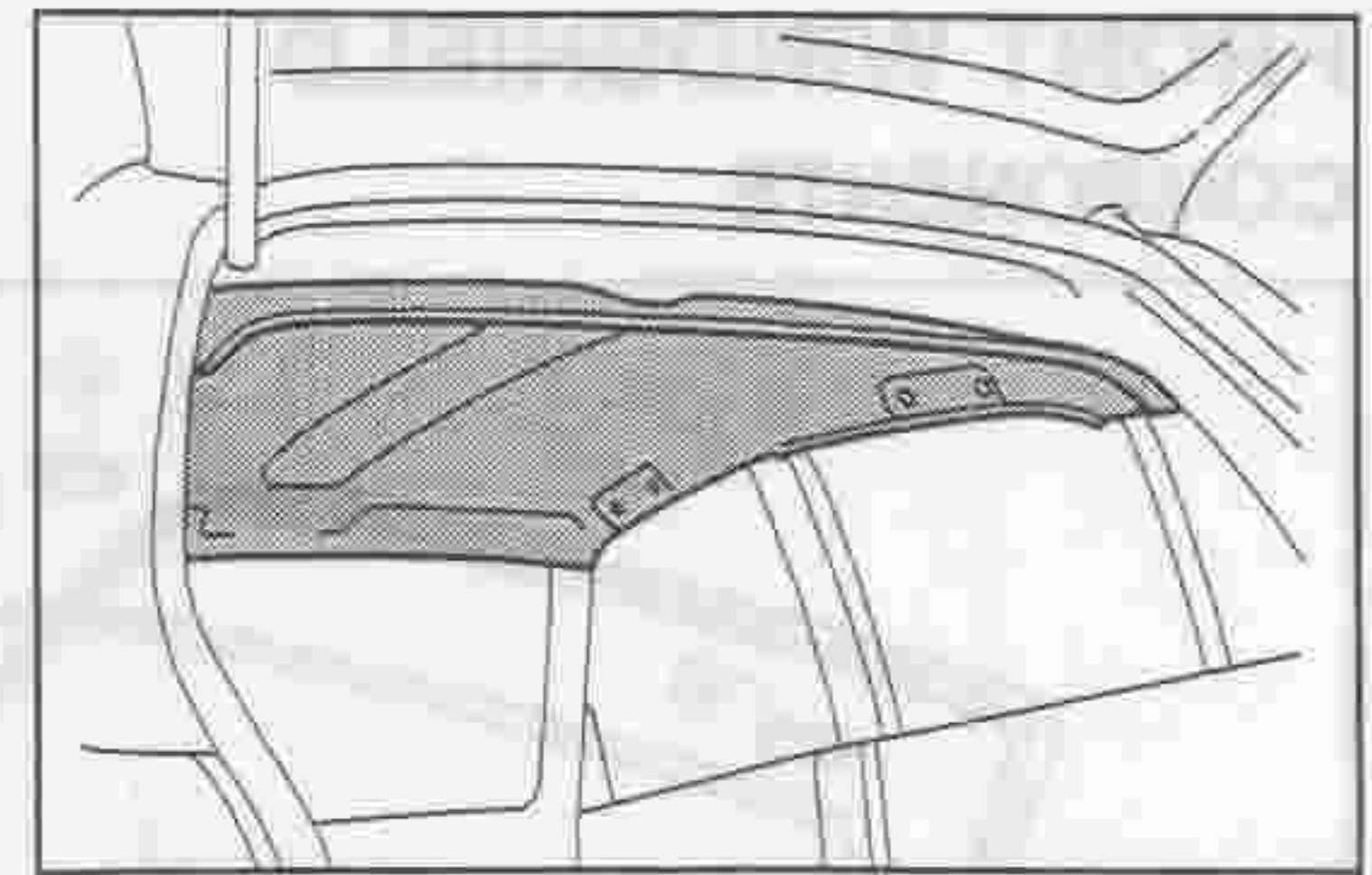
- (2) Remove the assist grip.

- (3) Remove the roof side inner garnish.



LBO00157-00150

- (4) Remove the door opening trim.
- (5) Remove the retainer. Remove the roof headlining from the roof panel.

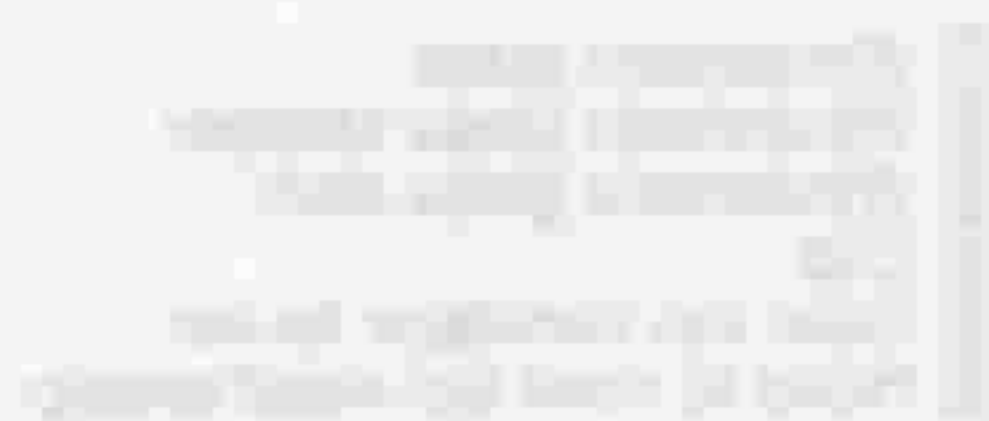


LBO00158-00151

CAUTION:

- Be very careful not to bend the headlining excessively.
- Never reuse the damaged retainer.

LBO00159-00000



REMOVAL

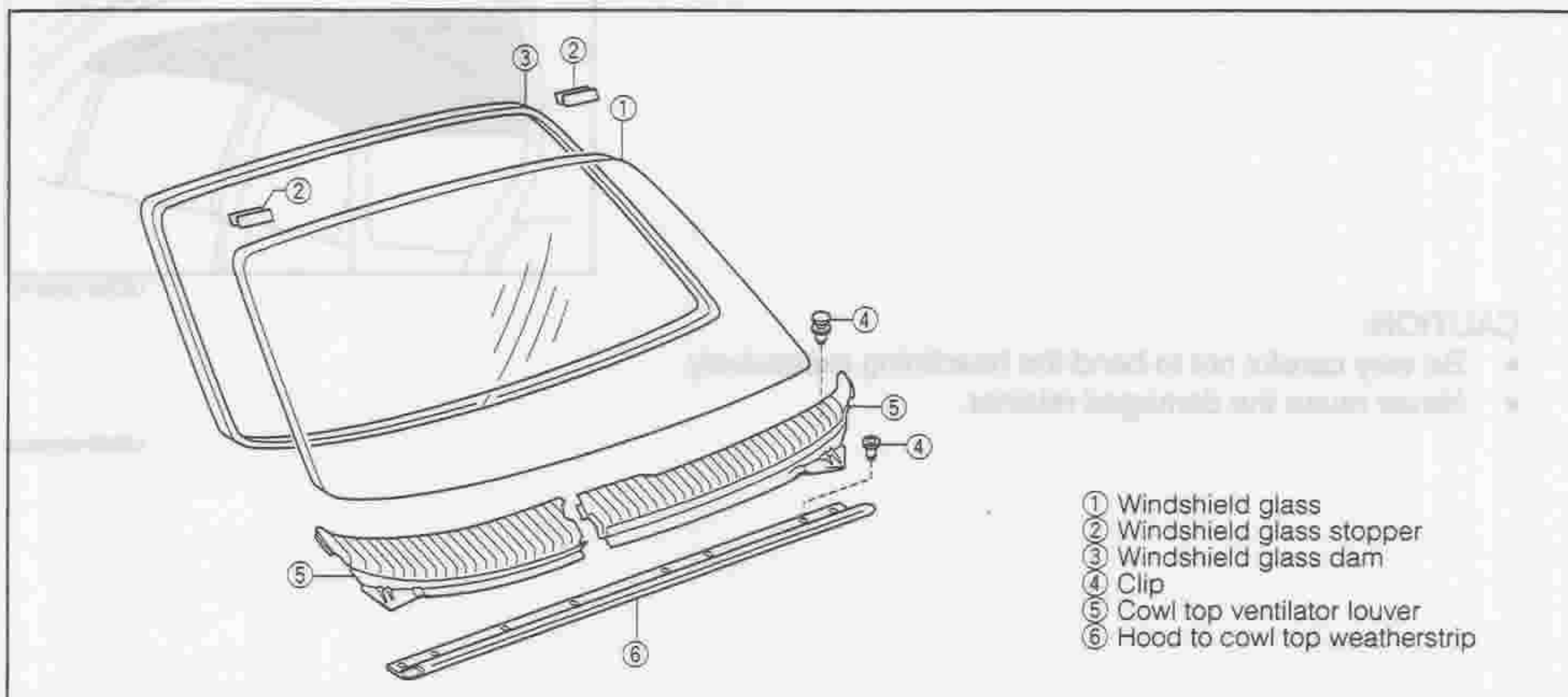
1. Remove the following parts from the vehicle:
 - (1) Front door trim panel
 - (2) Rear door trim panel
 - (3) Front door sill plate
 - (4) Rear door sill plate
2. Remove the front door trim panel.
 - (1) Remove the front door trim panel from the door.

3. Remove the rear door trim panel.
 - (1) Remove the rear door trim panel from the door.

4. Remove the front door sill plate.
 - (1) Remove the front door sill plate from the door.
5. Remove the rear door sill plate.
 - (1) Remove the rear door sill plate from the door.



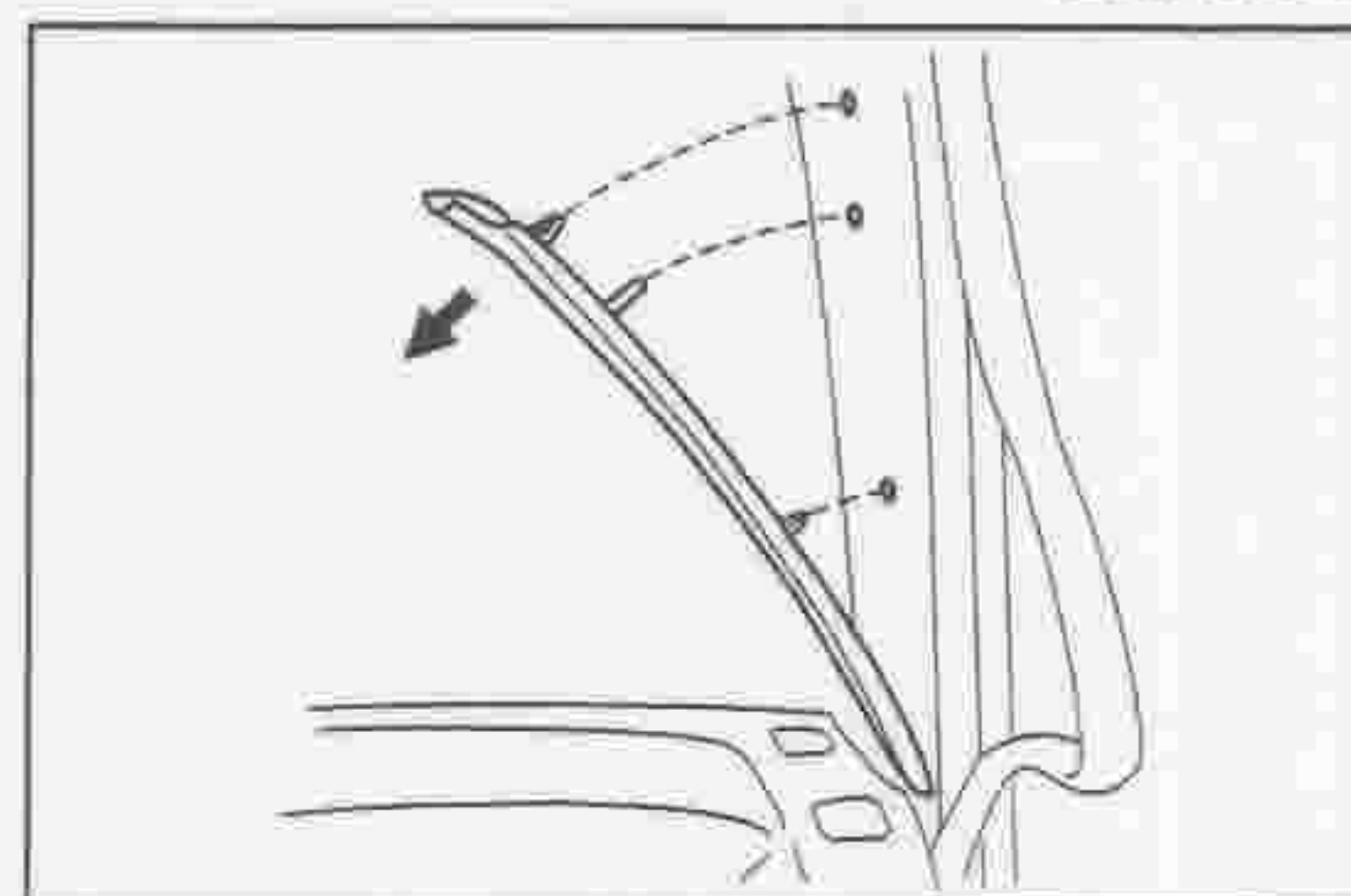
FRONT WINDSHIELD COMPONENTS



LBO00160-00152

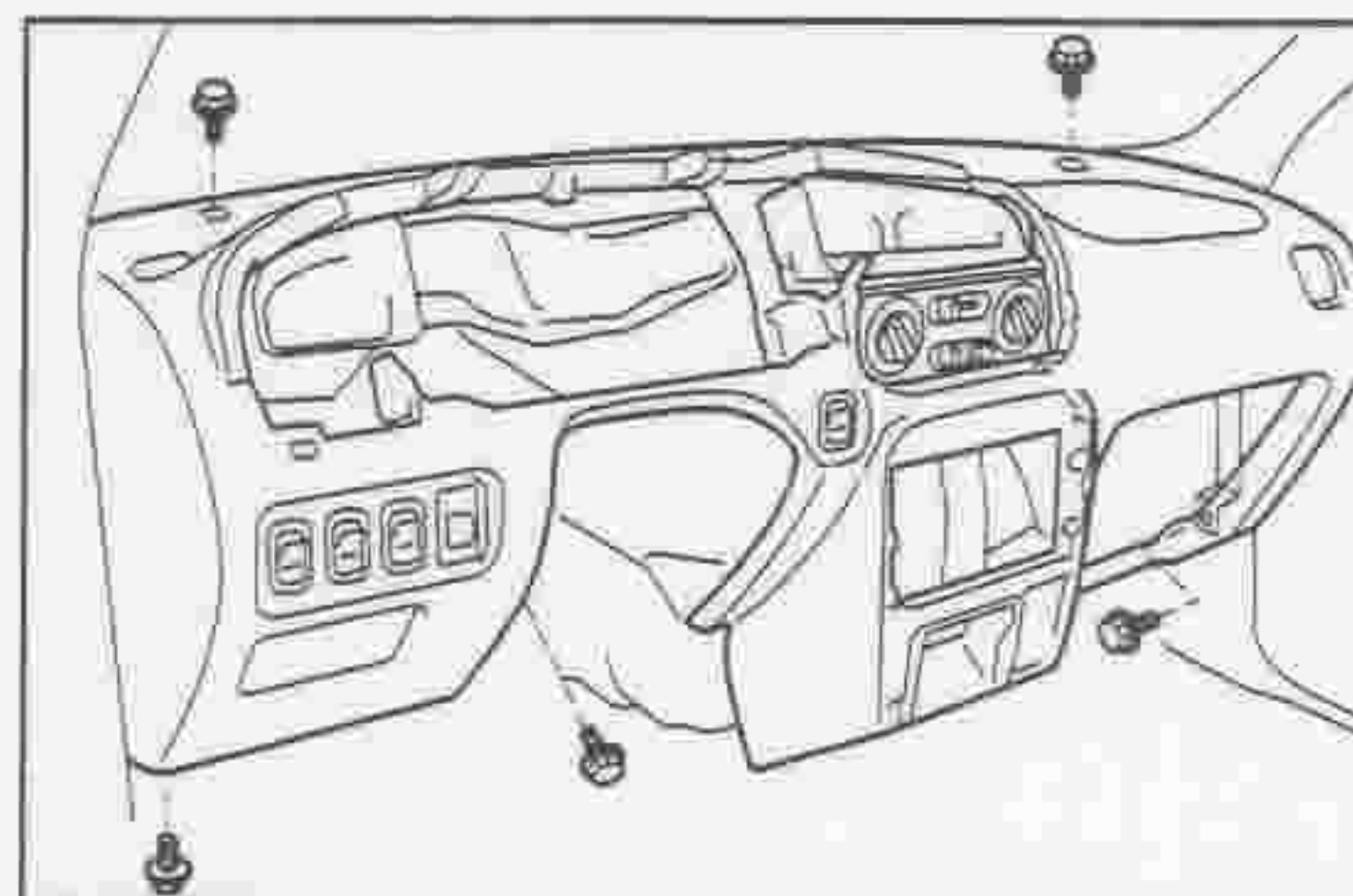
REMOVAL

1. Remove the following parts given below.
 - (1) Inner rear-view mirror and room lamp
 - (2) Sun visor
 - (3) Assist grip
2. Removal of front pillar garnish
 - (1) Remove the pillar garnish from the front pillar.



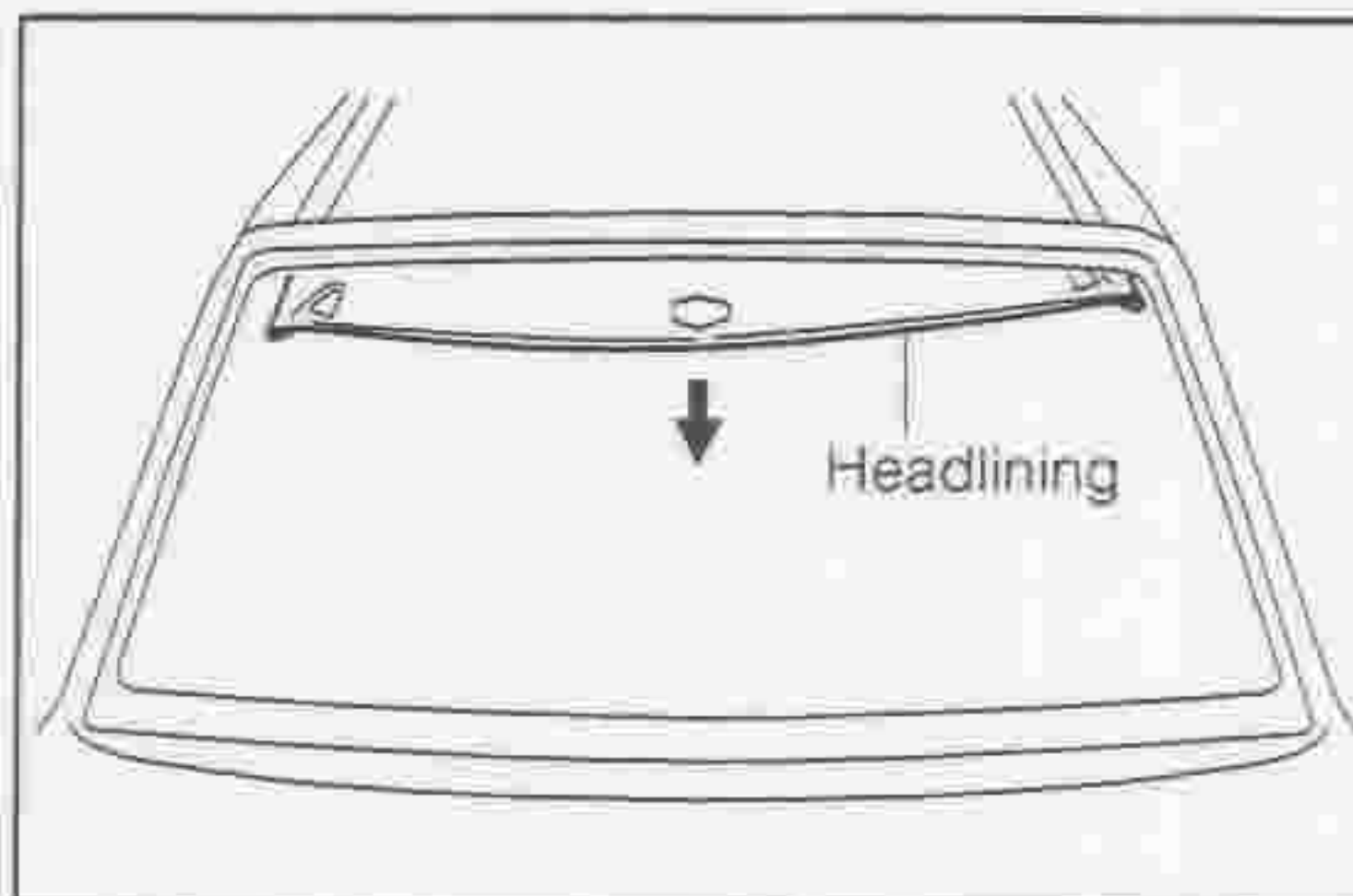
LBO00161-00153

3. Removal of instrument panel
 - (Refer to the section under "Instrument Panel.")



LBO00162-00154

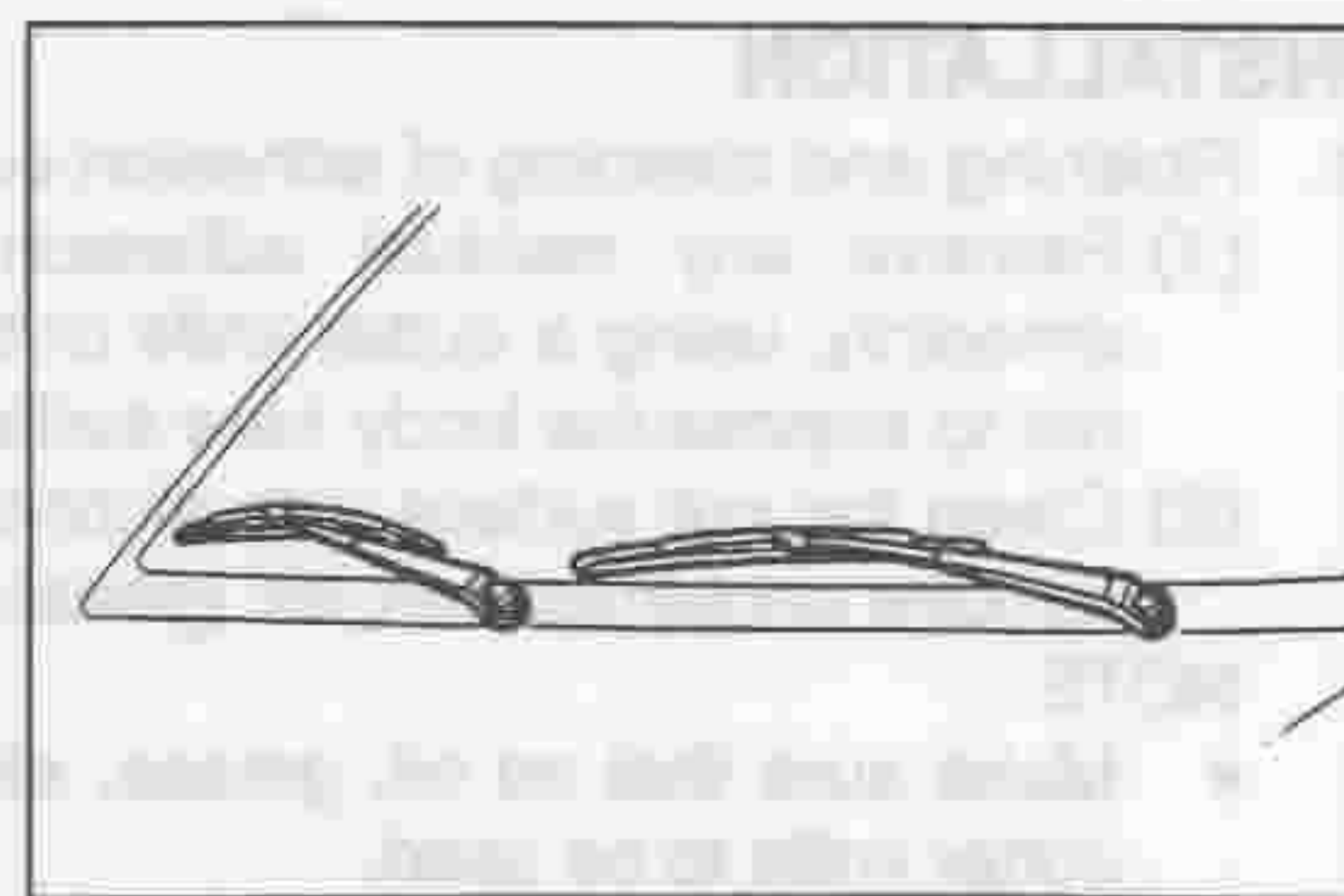
4. Remove the front section of the roof headlining and move it downward. (To prevent the lining from being damaged)
 - (Refer to the section under "Trim & Garnish.")



LBO00163-00155

5. Removal of windshield wiper arm assembly

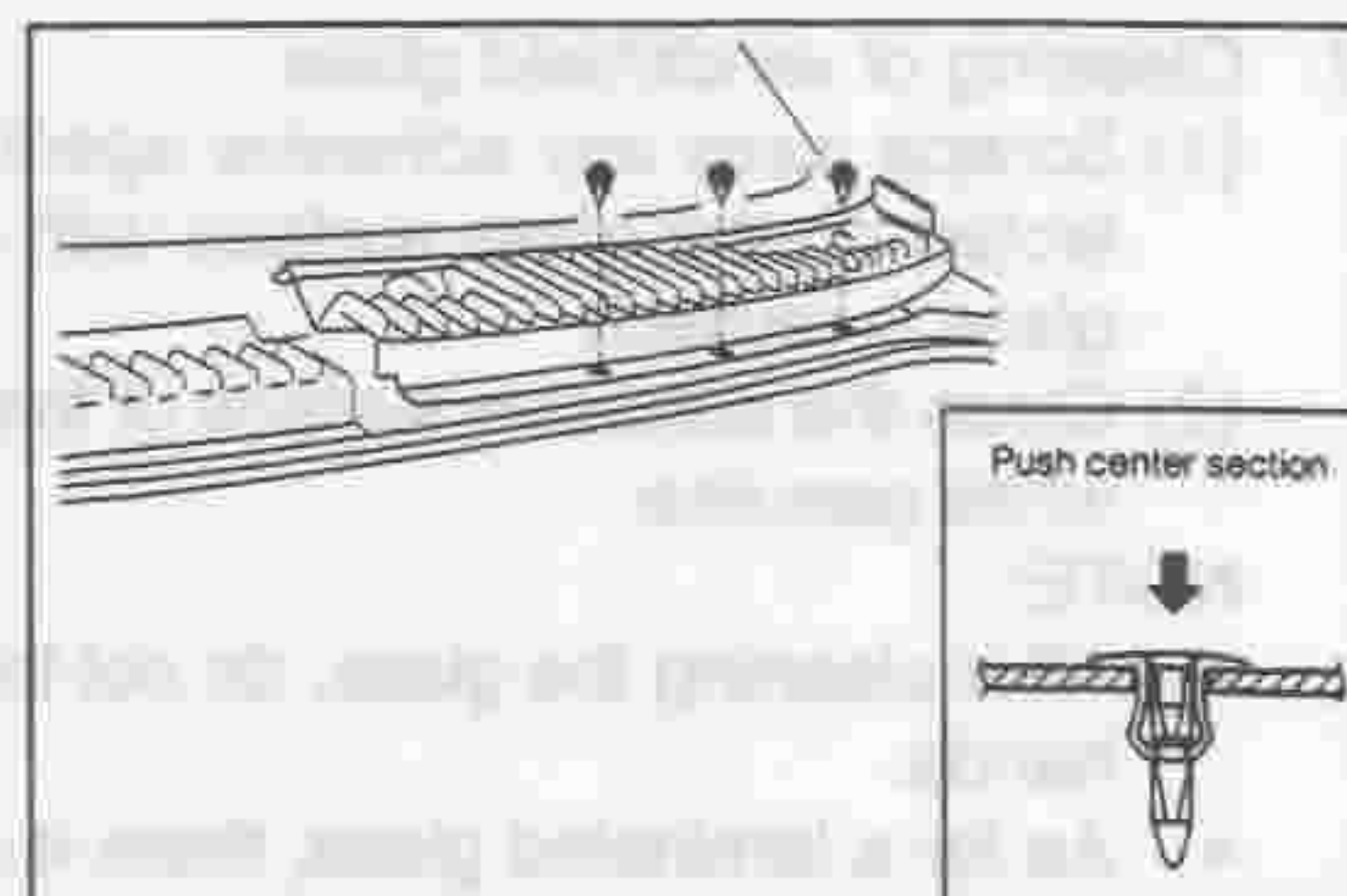
- (1) Remove the windshield wiper arm assembly.



LBO00164-00156

6. Removal of cowl top ventilator louver

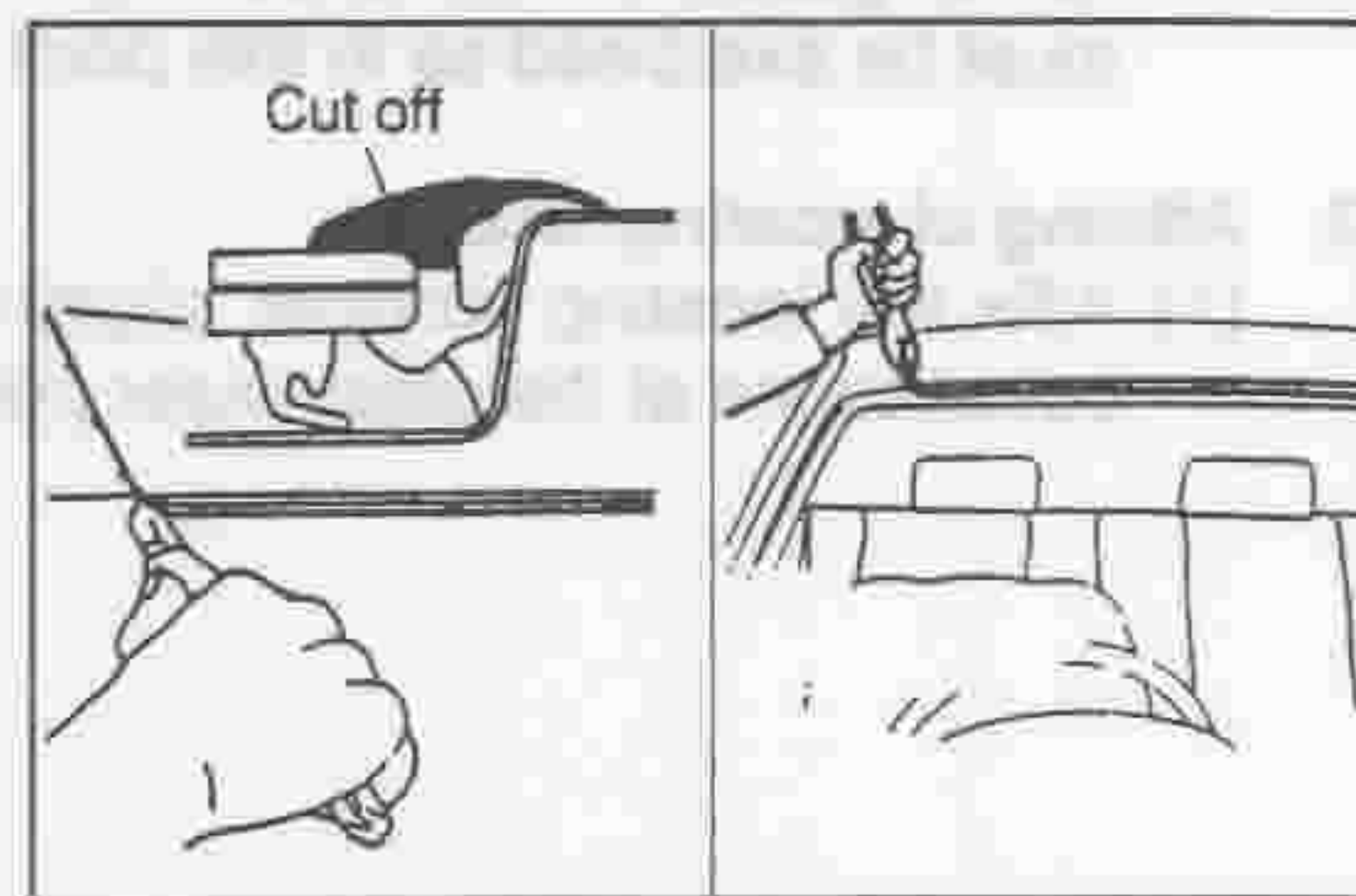
- (1) Remove the ventilator louver by detaching the ten clips.



LBO00165-00157

7. Removal of windshield upper molding

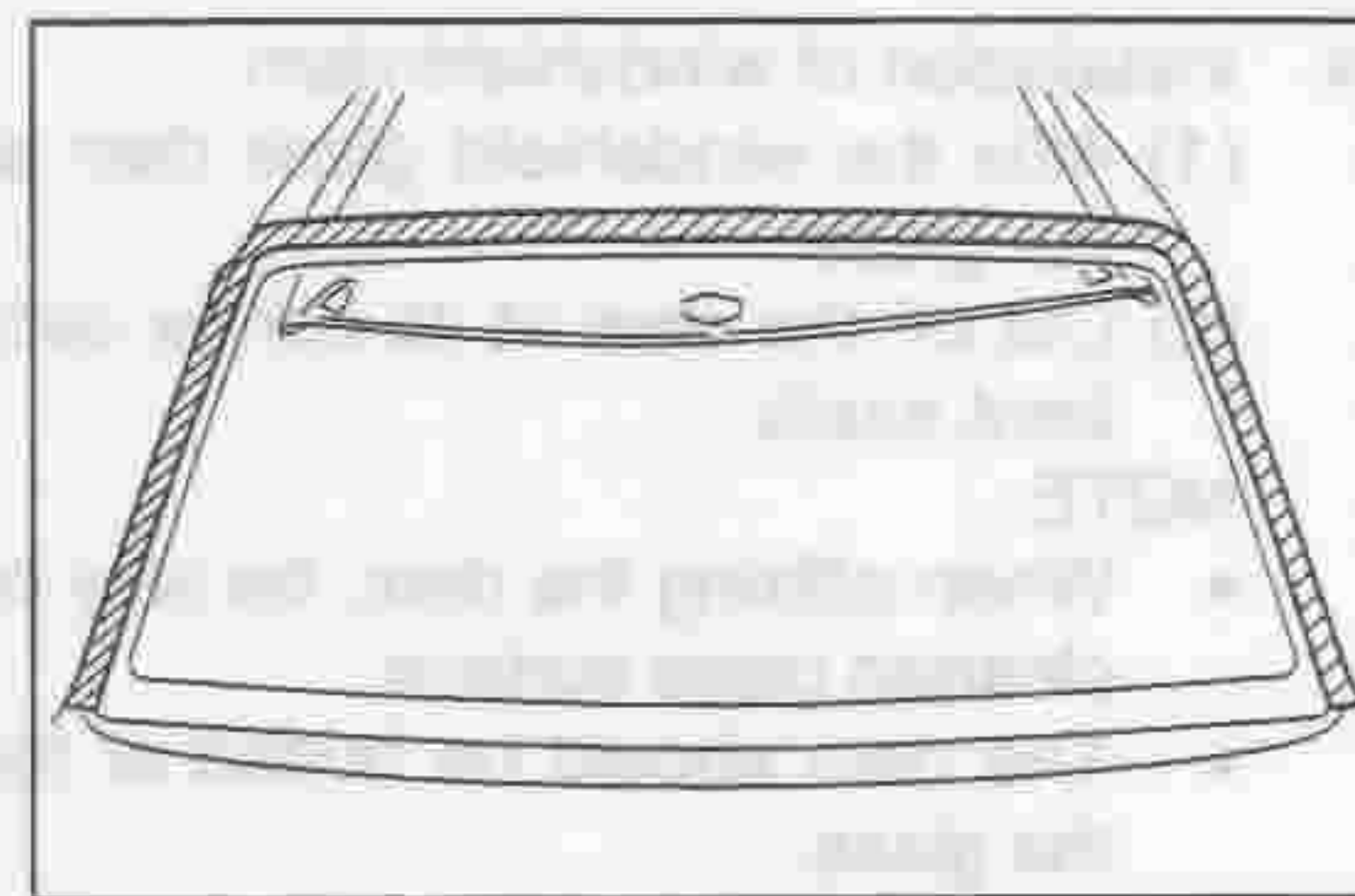
- (1) Cut off the leg section of the molding, using a cutter knife. Remove the molding by pulling it with pliers.



LBO00166-00158

8. Affix protective tape.

- (1) Affix a protective tape to the body so as to protect the paint surface from being scratched.



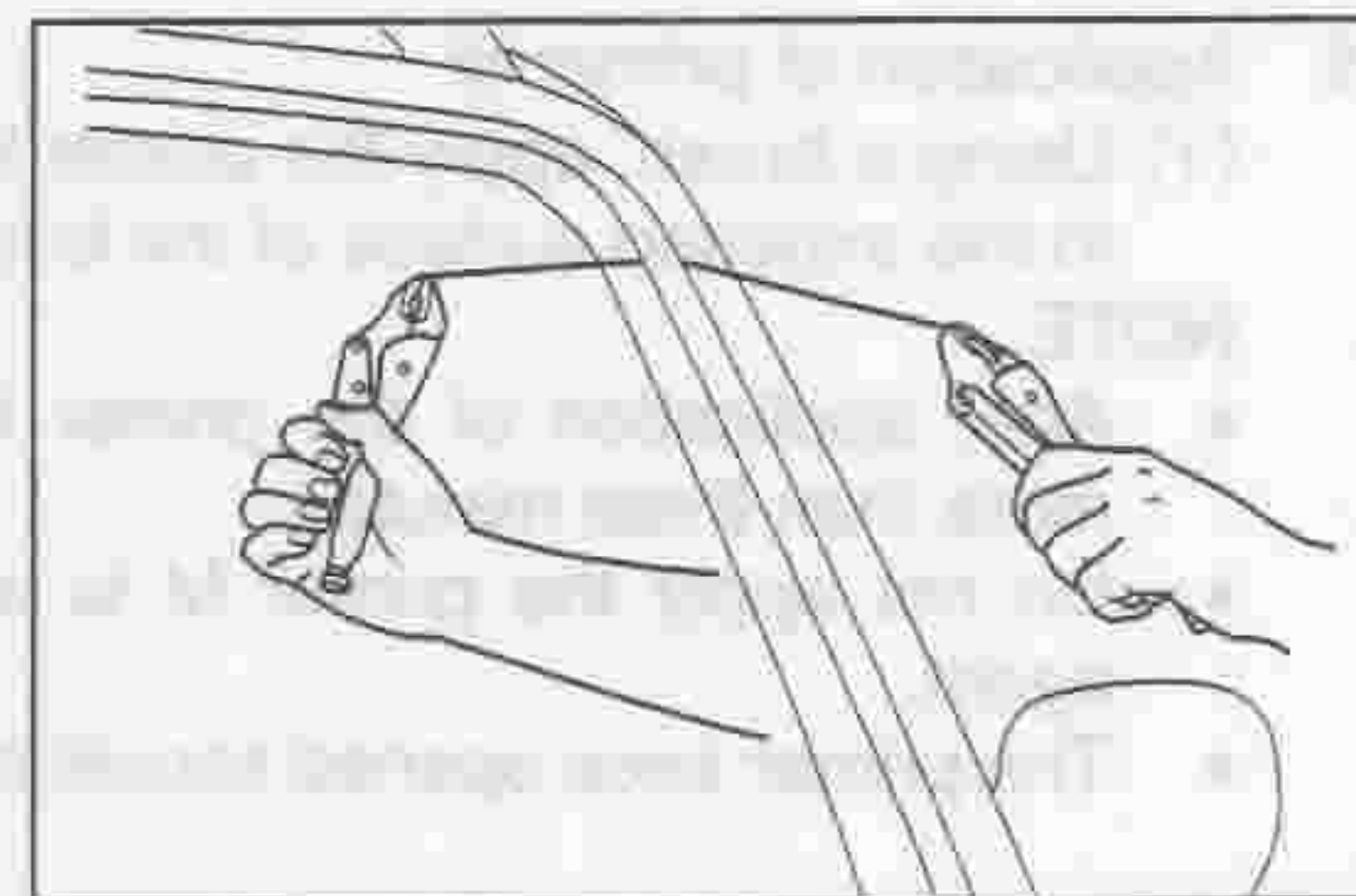
LBO00167-00159

9. Removal of windshield

- (1) Make a hole at the adhesion layer and pass through a piano wire.
(2) By holding each end of the piano wire with a vice clip wrench or tying each end to a wooden block, pull both ends to separate the adhesion layer.

NOTE:

- If it becomes difficult to separate the adhesion layer during this operation, change the position where the piano wire is passed through.



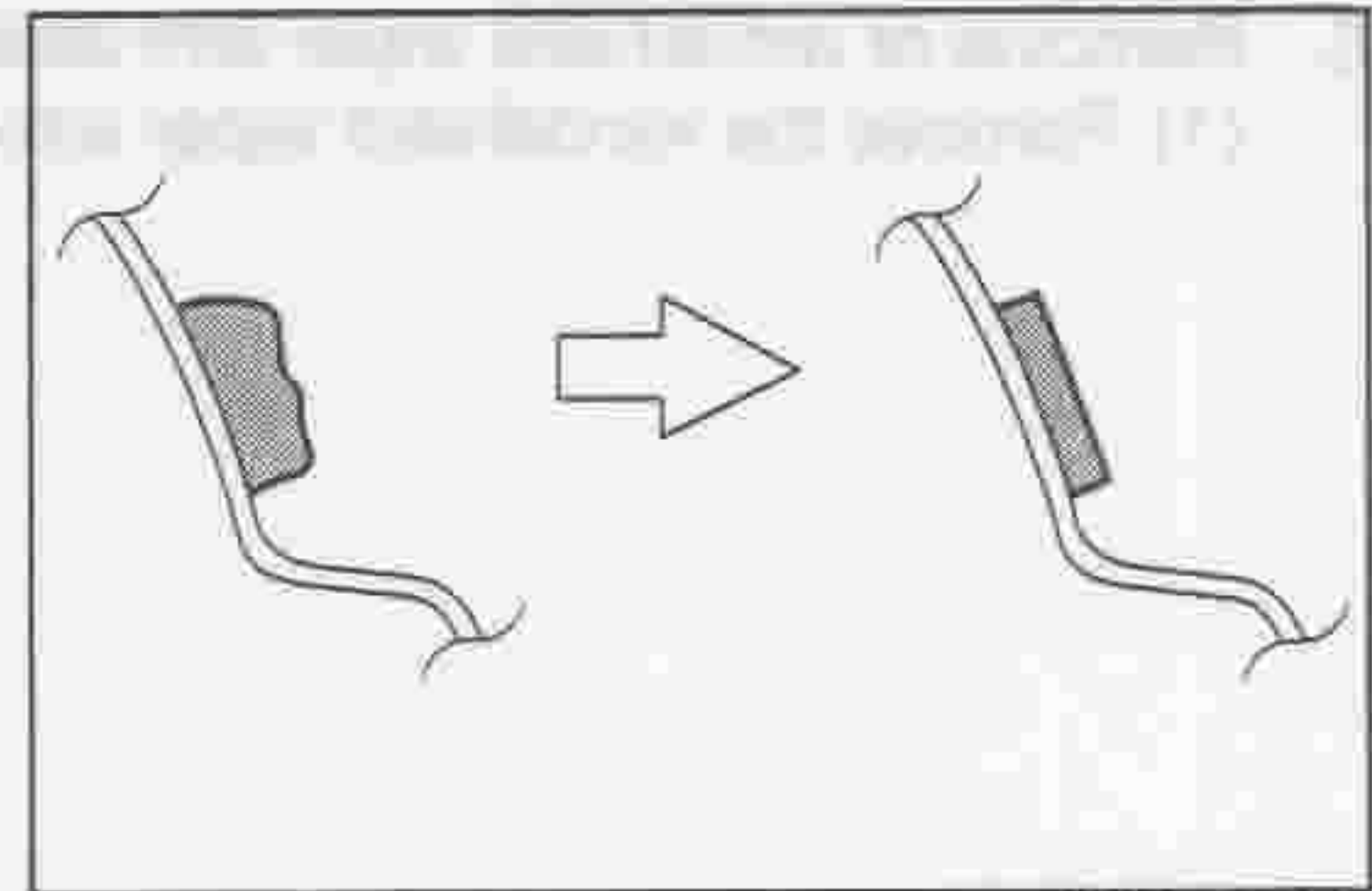
LBO00168-00160

INSTALLATION

1. Finishing and cleaning of adhesion surface of body
 - (1) Remove any residual adhesion layer of the body smoothly, using a cutter knife or the like, being careful not to expose the body bare surface.
 - (2) Clean the cut surface with alcohol or white gasoline to remove contamination, oil, grease, etc.

NOTE:

- Make sure that no oil, grease, etc. are present on the cutter knife to be used.

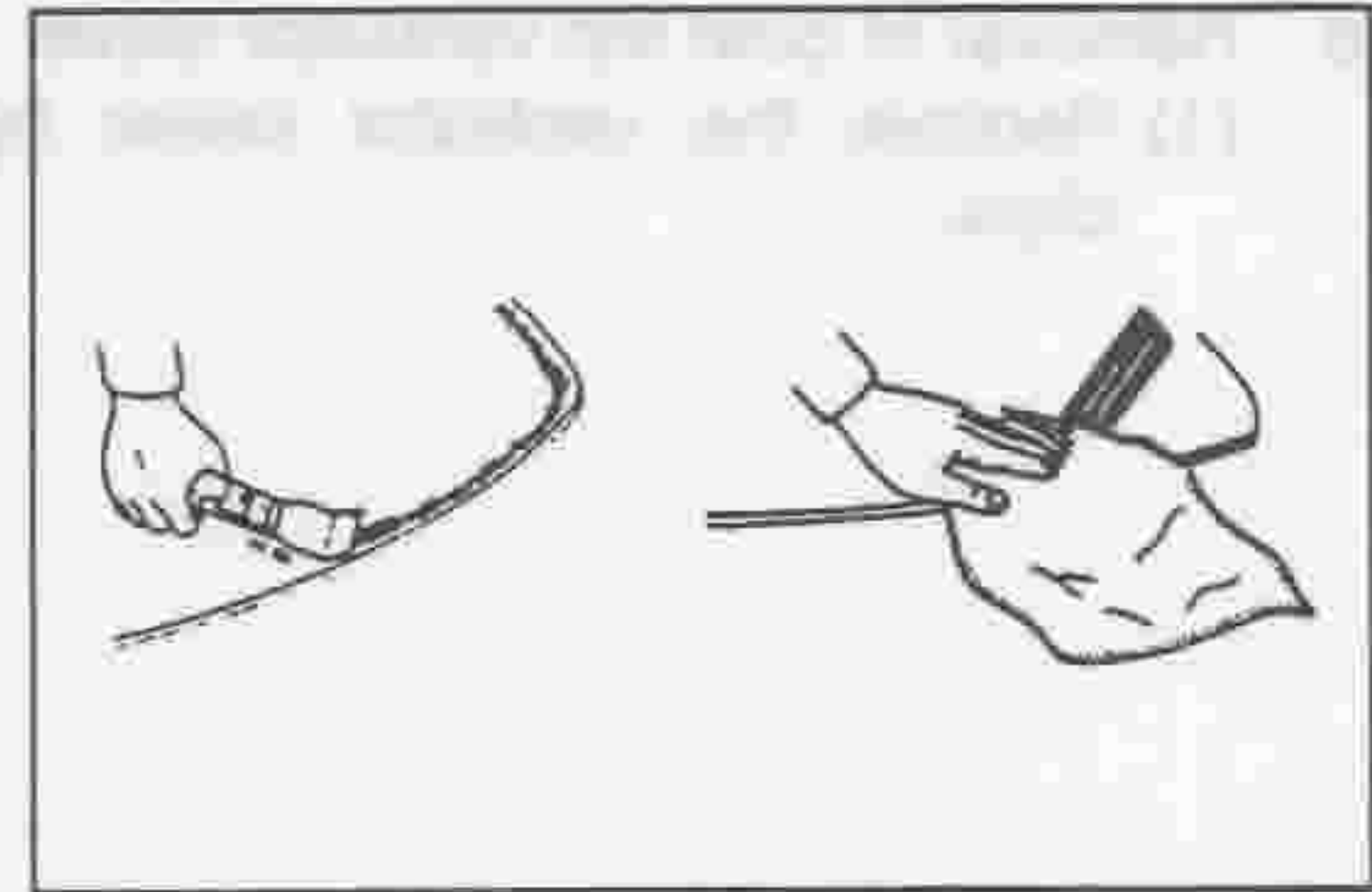


LBO00169-00161

2. Cleaning of windshield glass
 - (1) Scrape away any adhesive agent which may have collected on the glass surface with a scraper. (When the glass is reused)
 - (2) Clean the adhesive surface of the glass with alcohol or white gasoline.

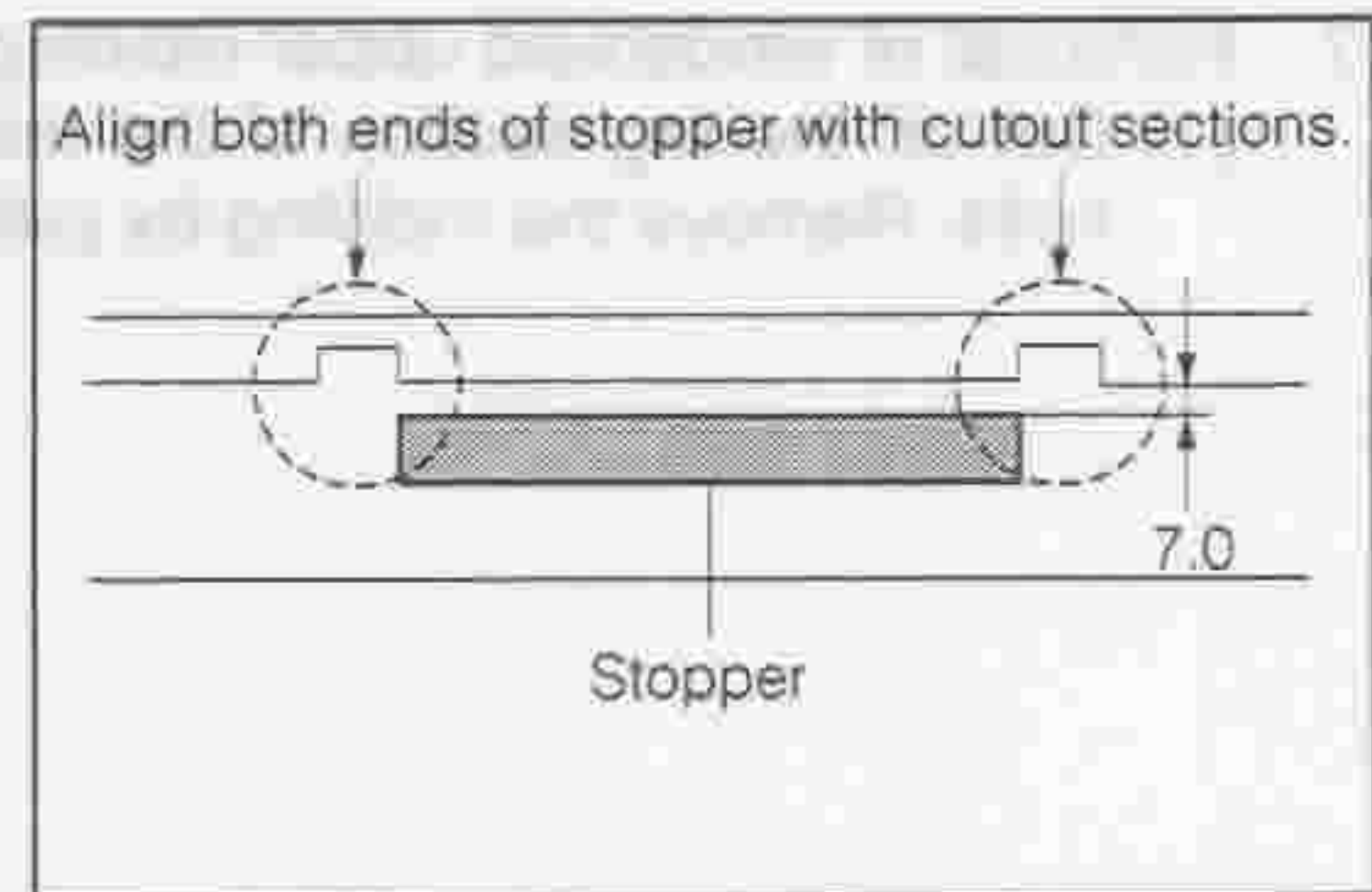
NOTE:

- After cleaning the glass, do not touch the glass by your hands.
- As for a laminated glass, there is a possibility that alcohol or gasoline may affect the intermediate film. Care must be exercised as to this point during the cleaning.



LBO00170-00162

3. Affixing of locating stopper
 - (1) Affix the locating stopper, aligning it with the two cut-out sections at the glass outer periphery.

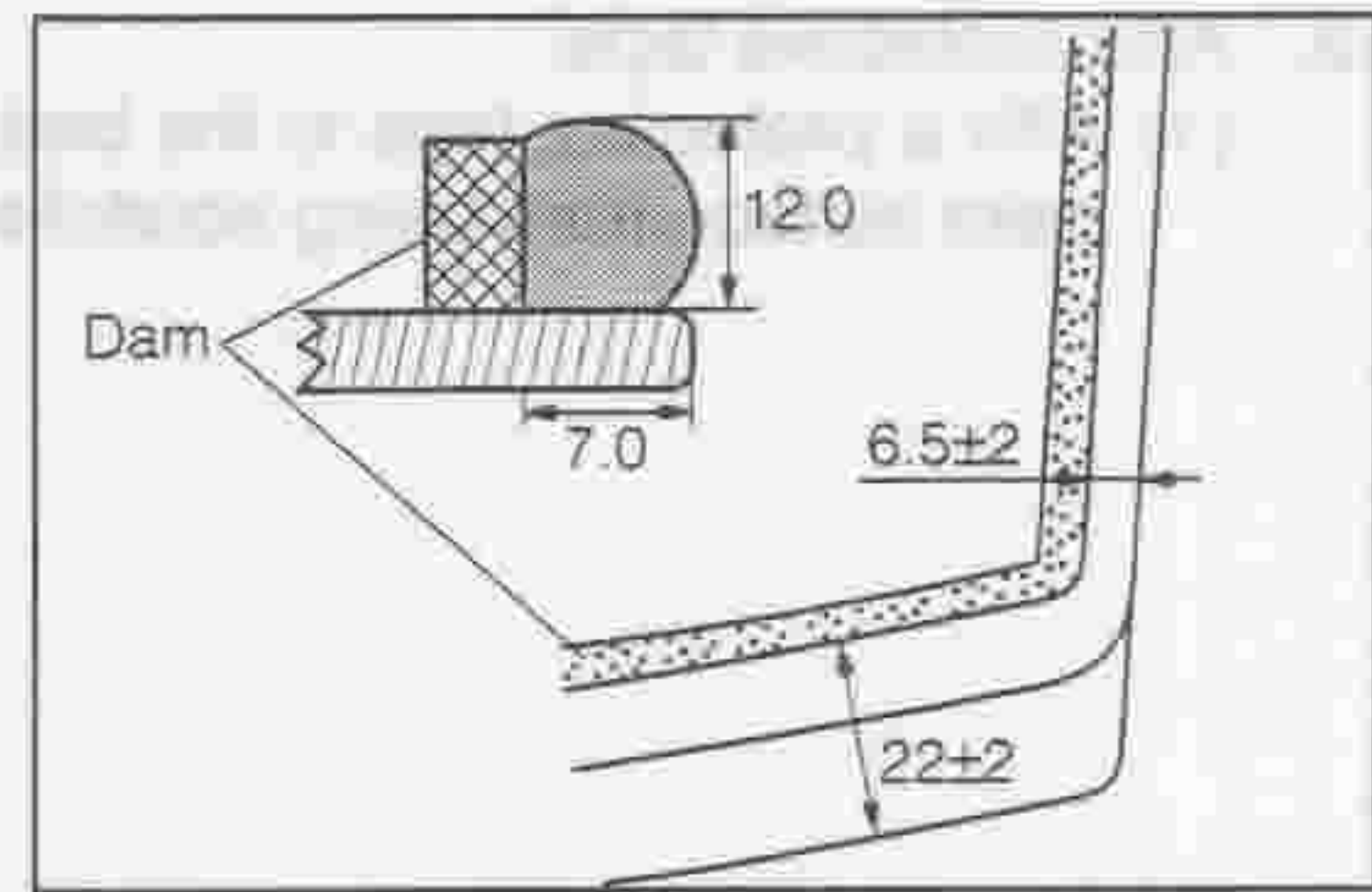


LBO00171-00163

4. Installation of windshield dam
 - (1) Affix the windshield glass dam along the periphery of the glass.
 - (2) Cut off the dam at its corner section so that it may be bent easily.

NOTE:

- When affixing the dam, be very careful not to touch the cleaned glass surface.
- The dam should be butted at the lower/center part of the glass.

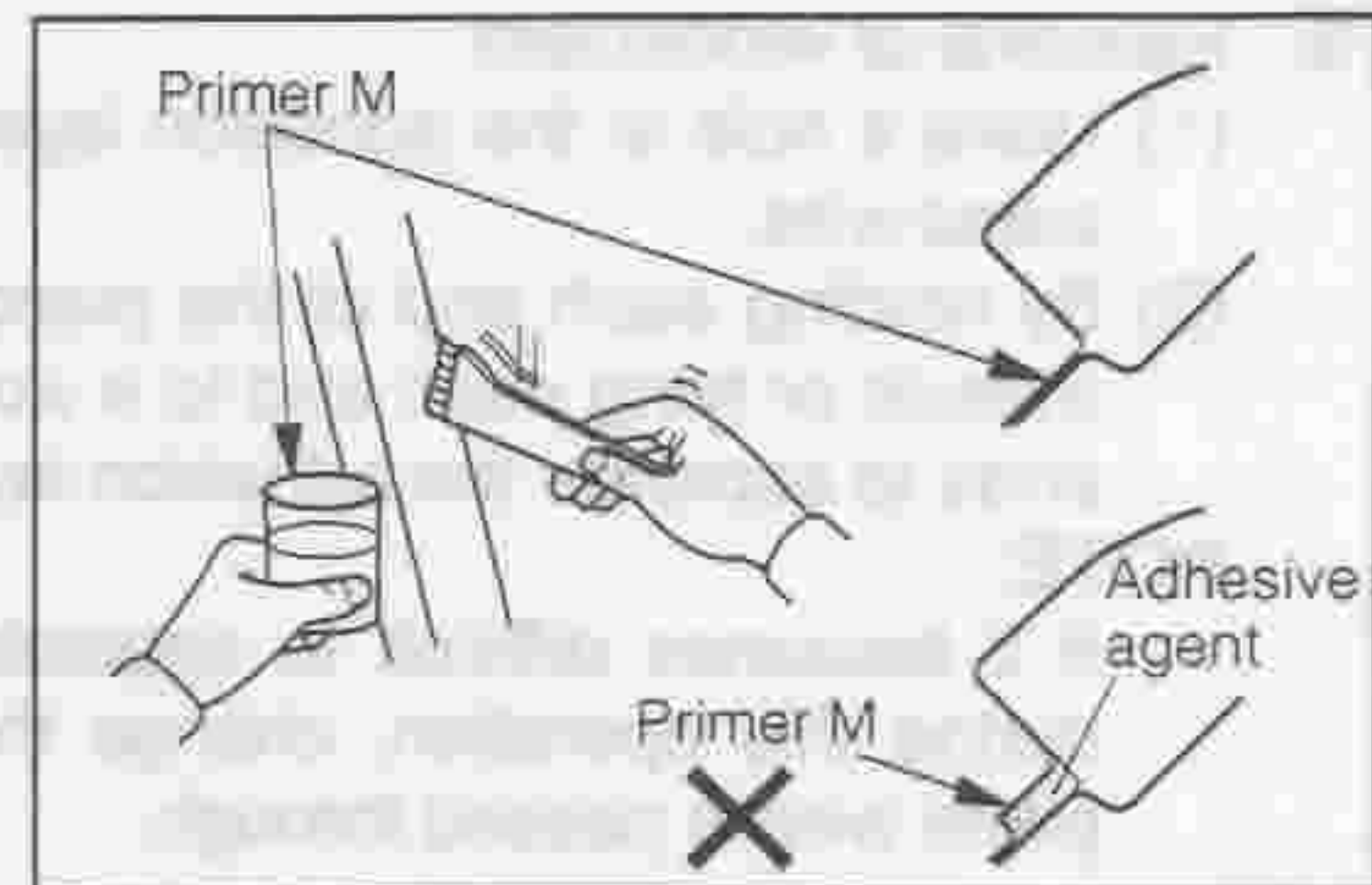


LBO00172-00164

5. Application of primer M
 - (1) Using a brush, apply the primer M for body use evenly to the exposed surface of the body of the flange.

NOTE:

- After application of the primer M, allow it to dry for more than three minutes.
- Do not apply the primer M to any residual adhesive agent.
- The primer once opened should not be reused.



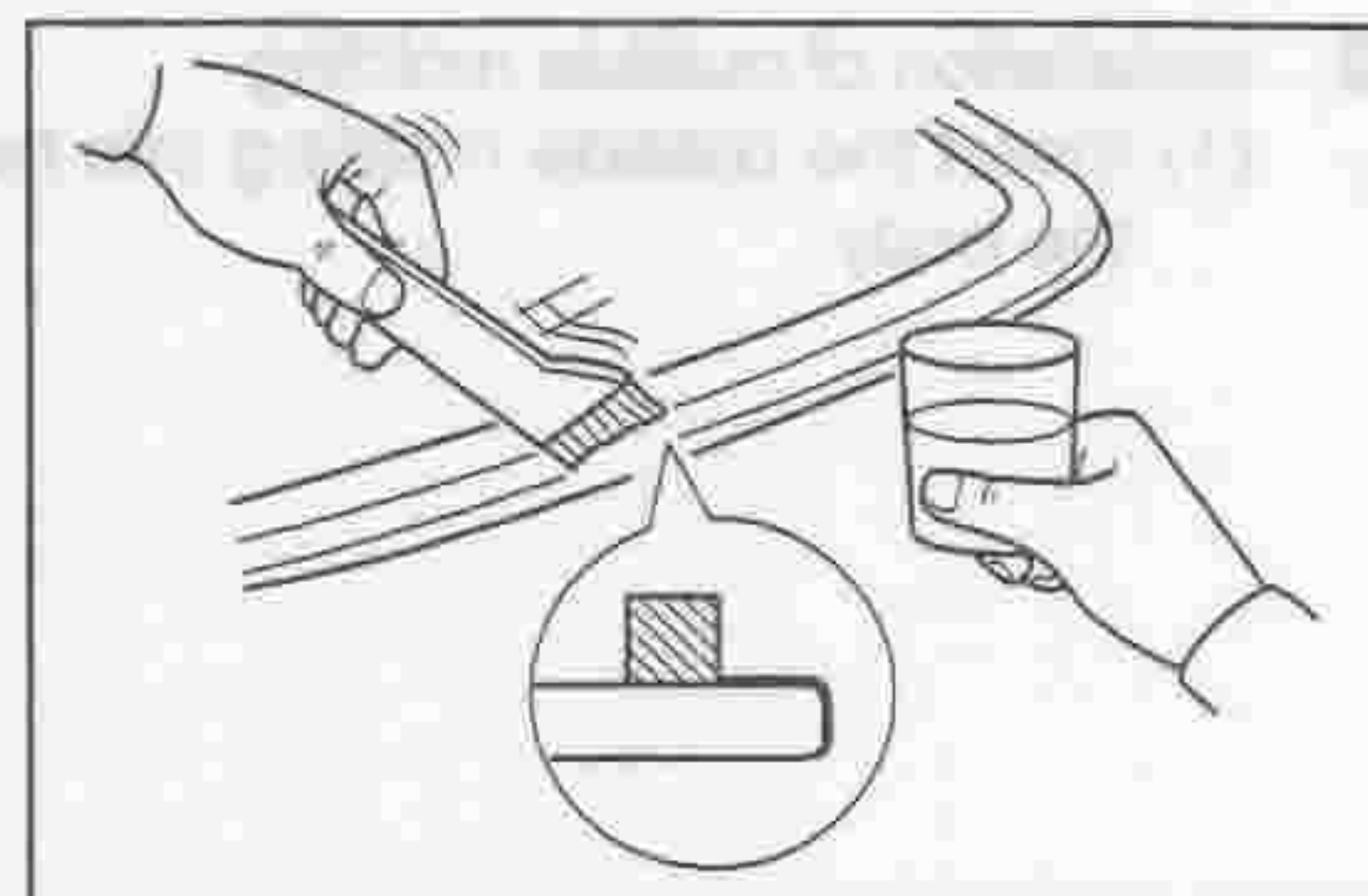
LBO00173-00165

6. Application of primer G

- (1) Using a brush, apply the primer G for glass use to the glass adhesion surface and glass side surface.

NOTE:

- It should be noted that the adhesive force drops if the primer is applied too thickly.
- After application of the primer G, allow it to dry for more than three minutes.



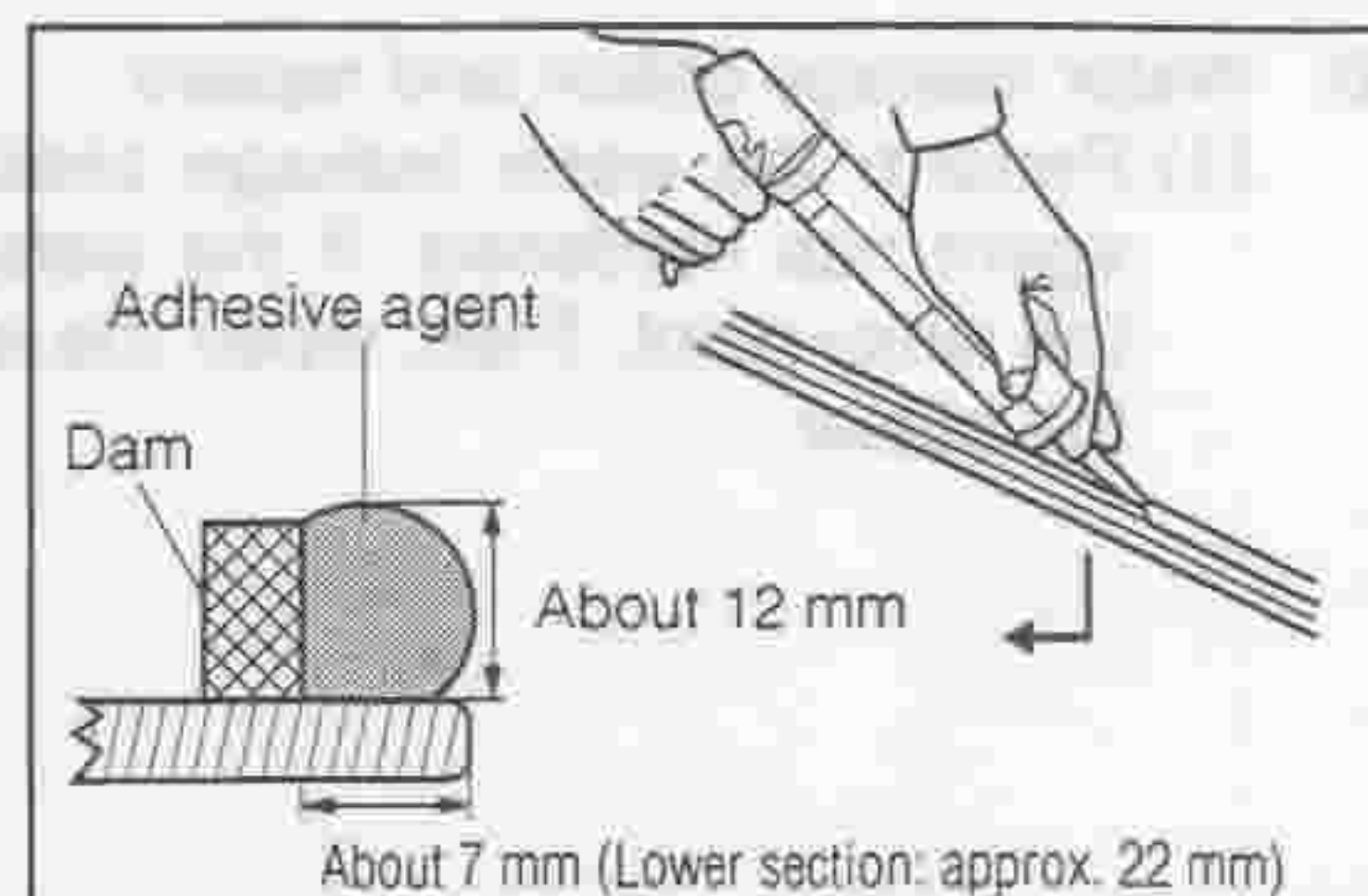
LBO00174-00166

7. Application of adhesive agent to windshield glass

- (1) Apply adhesive agent along the windshield dam over the entire periphery.

NOTE:

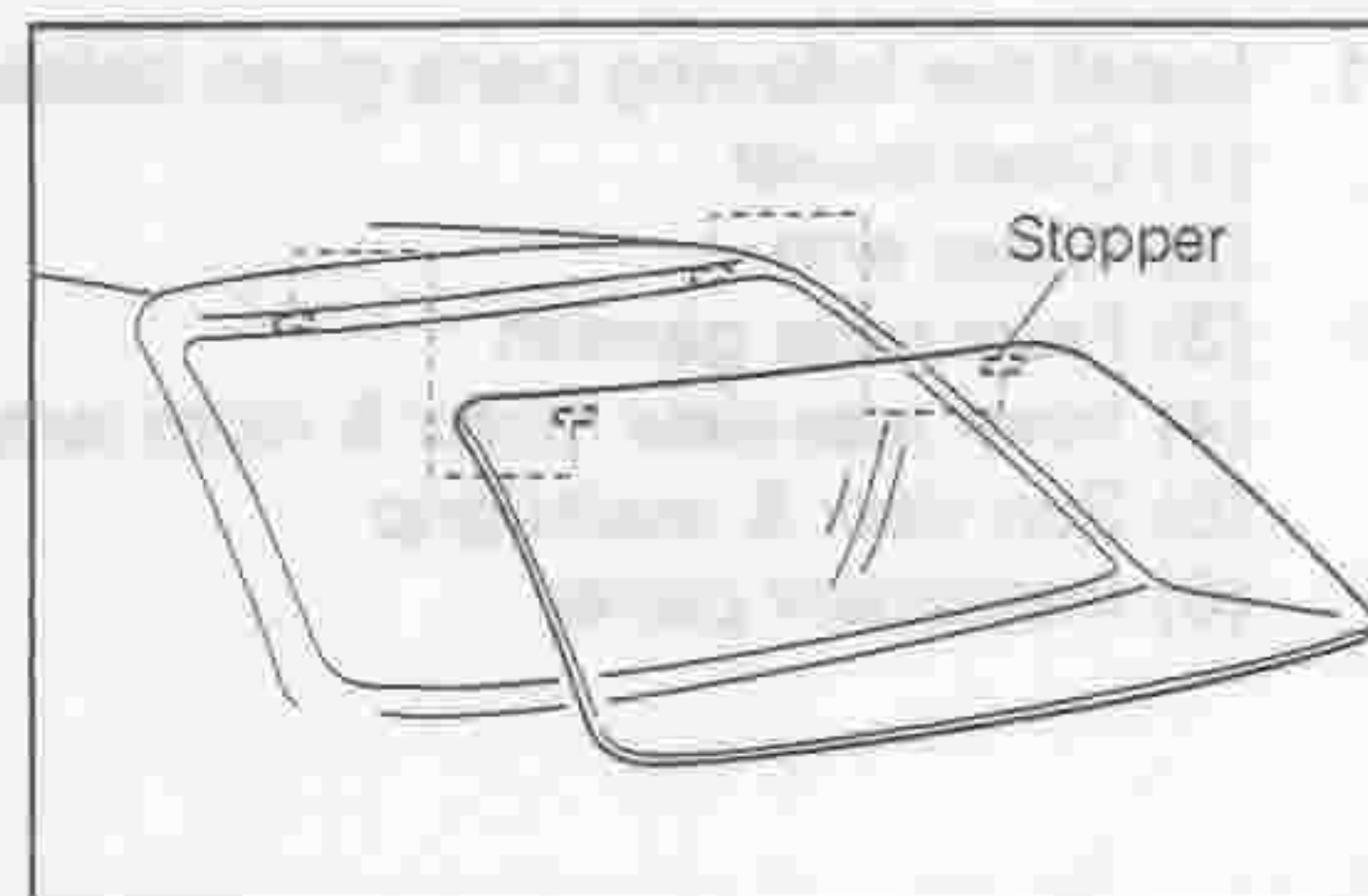
- Be sure to install the glass immediately after the application of the adhesive agent.



LBO00175-00167

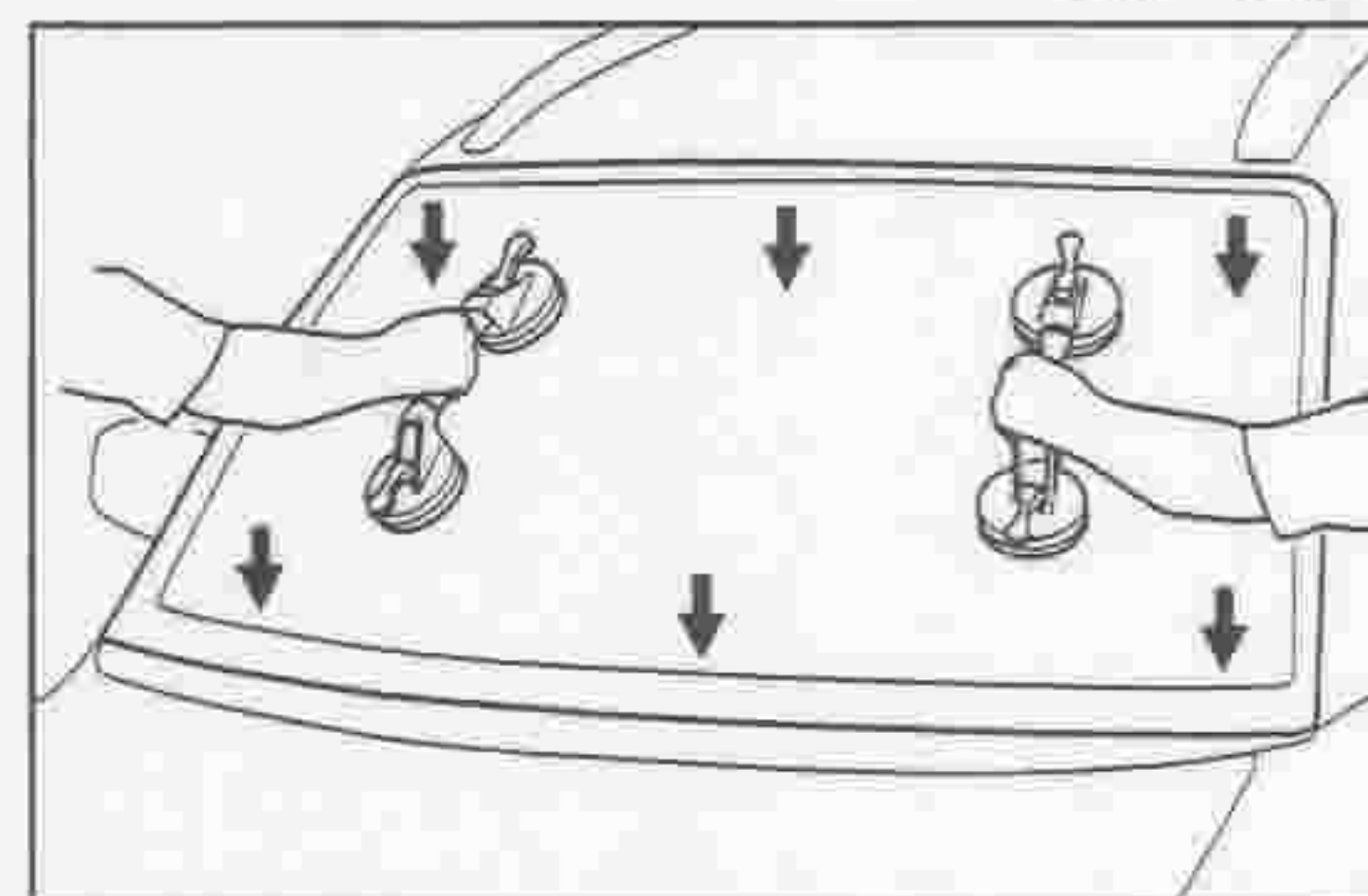
8. Installation of glass

- (1) Hang the stoppers for locating the glass on the hooks of the flange sections of the body.



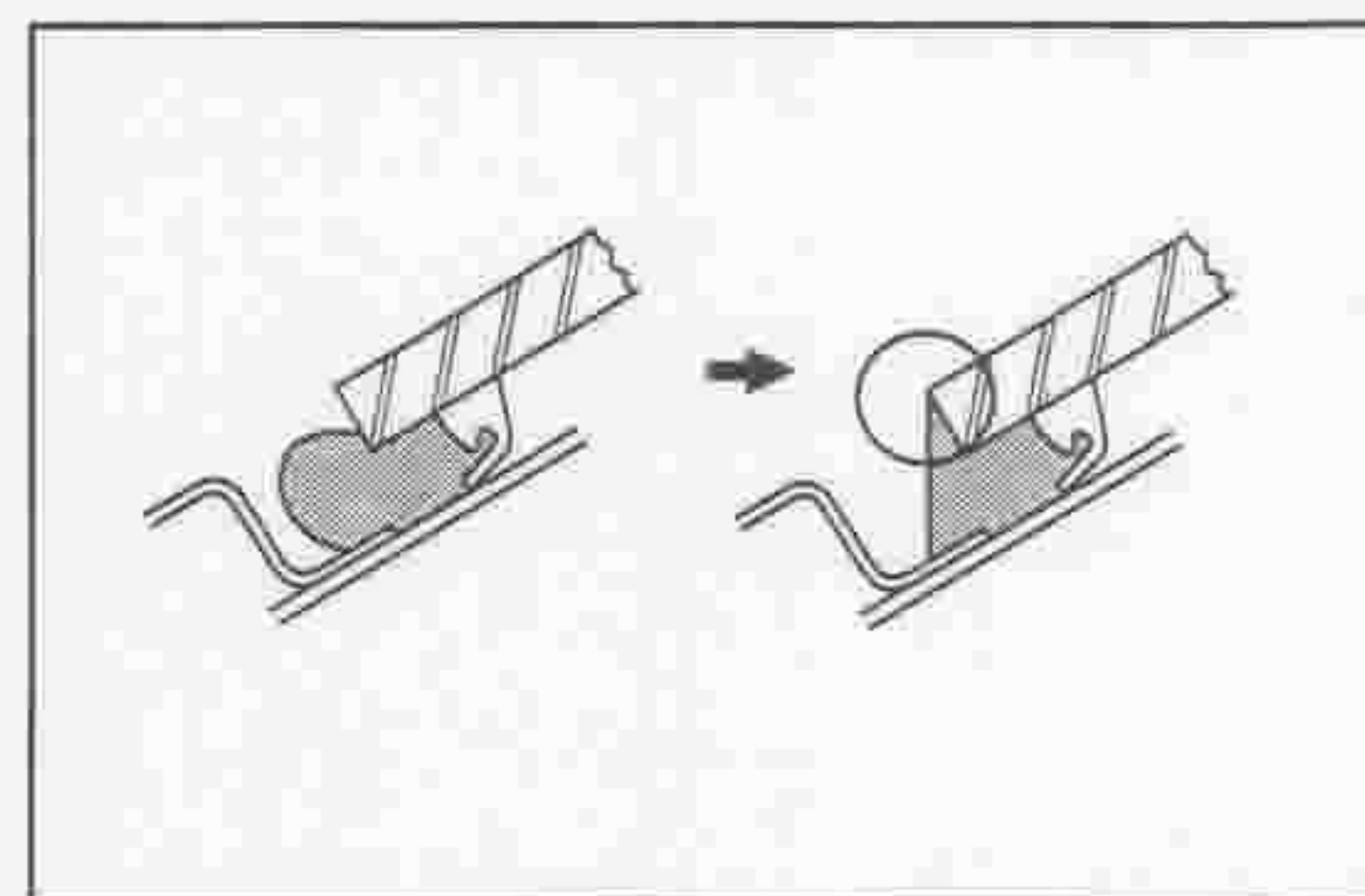
LBO00176-00168

- (2) Bring the adhesive agent into thorough contact with the body by pushing the entire surface of the glass lightly.



LBO00177-00169

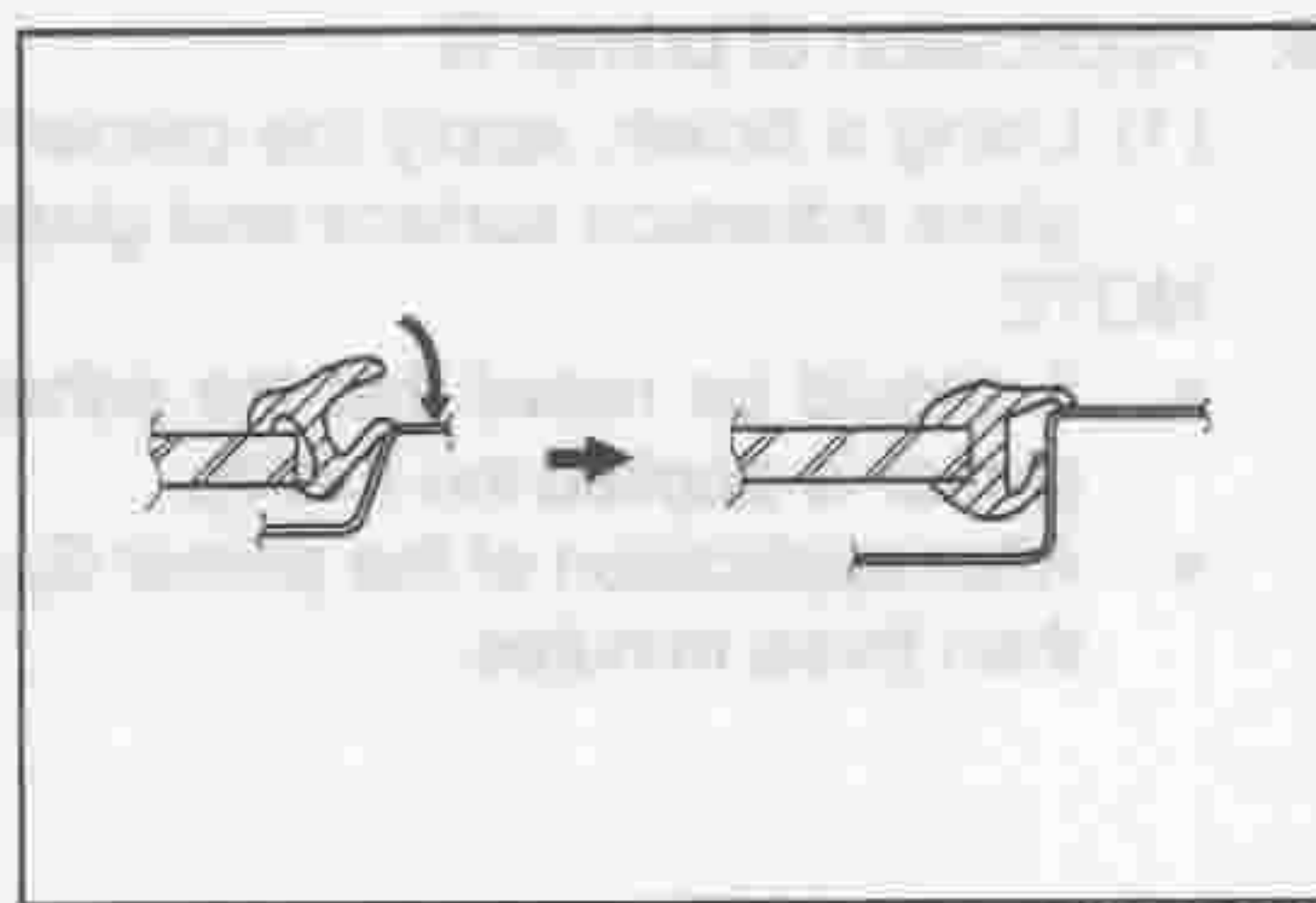
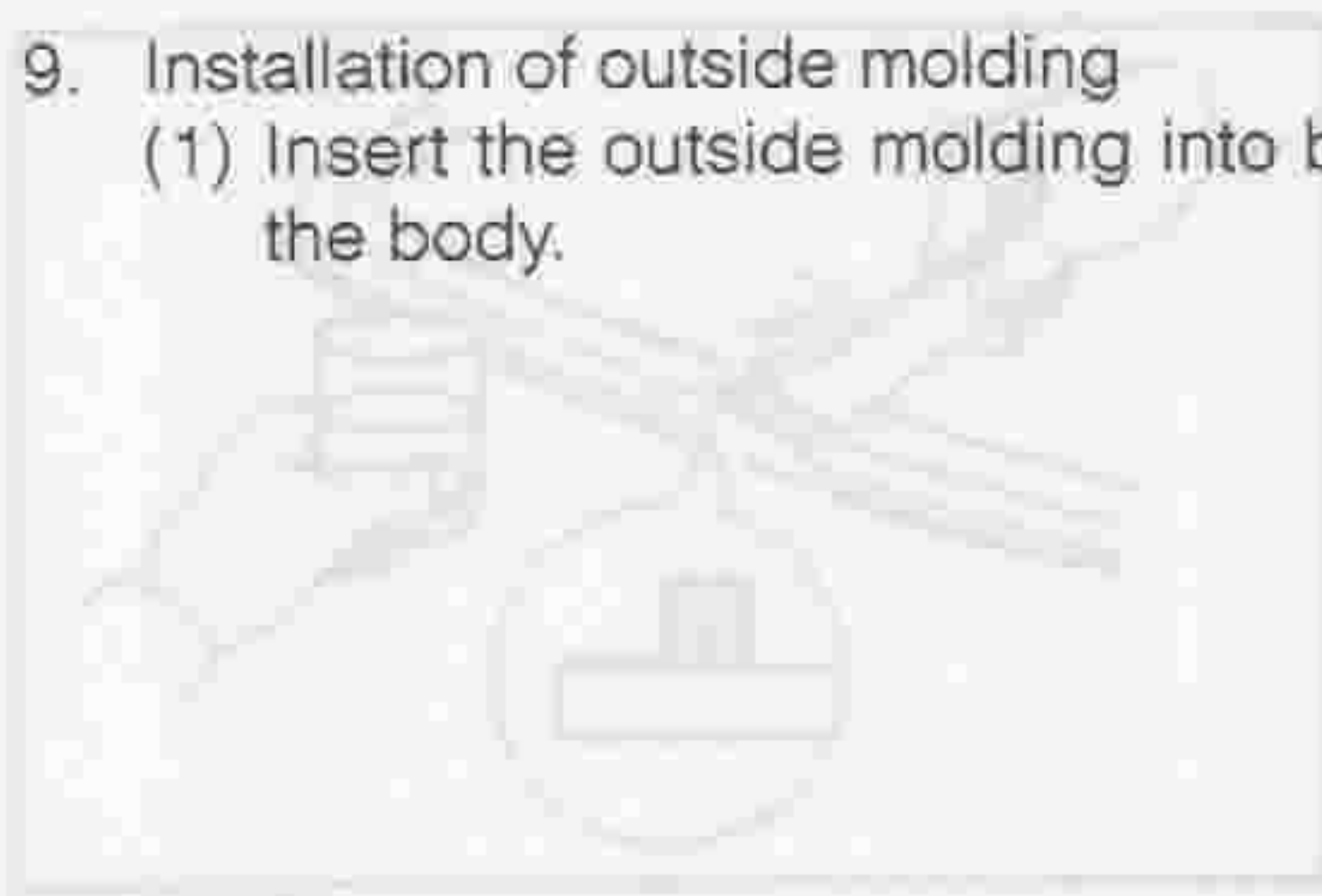
- (3) Using a spatula, remove any excessive adhesive agent which has oozed out or add the adhesive agent where it is lacking.



LBO00178-00170

9. Installation of outside molding

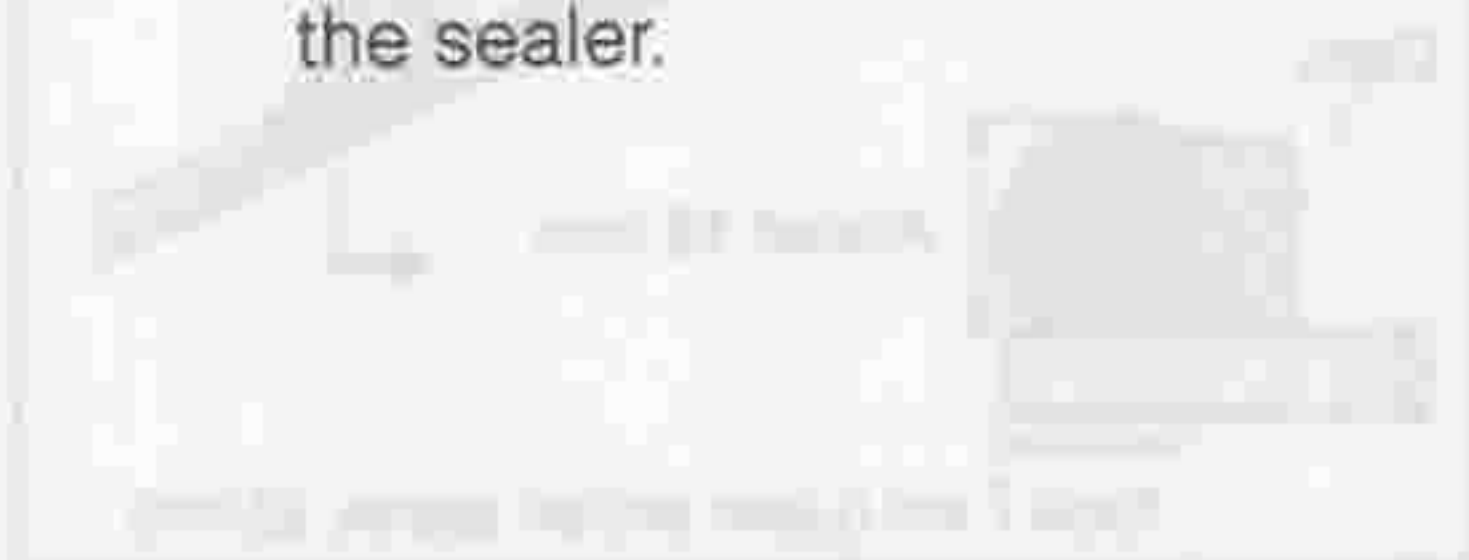
- (1) Insert the outside molding into between the glass and the body.



LBO00179-00171

10. Water leakage check and repairs

- (1) Perform the water leakage check after the adhesive agent has hardened. If the water leakage exists, dry the leaky point. Then, repair the leaky point by packing the sealer.



LBO00180-00000

11. Install the following parts given below.

- (1) Cowl louver
- (2) Wiper arm
- (3) Front pillar garnish
- (4) Inner rear-view mirror & room lamp
- (5) Sun visor & assist grip
- (6) Instrument panel



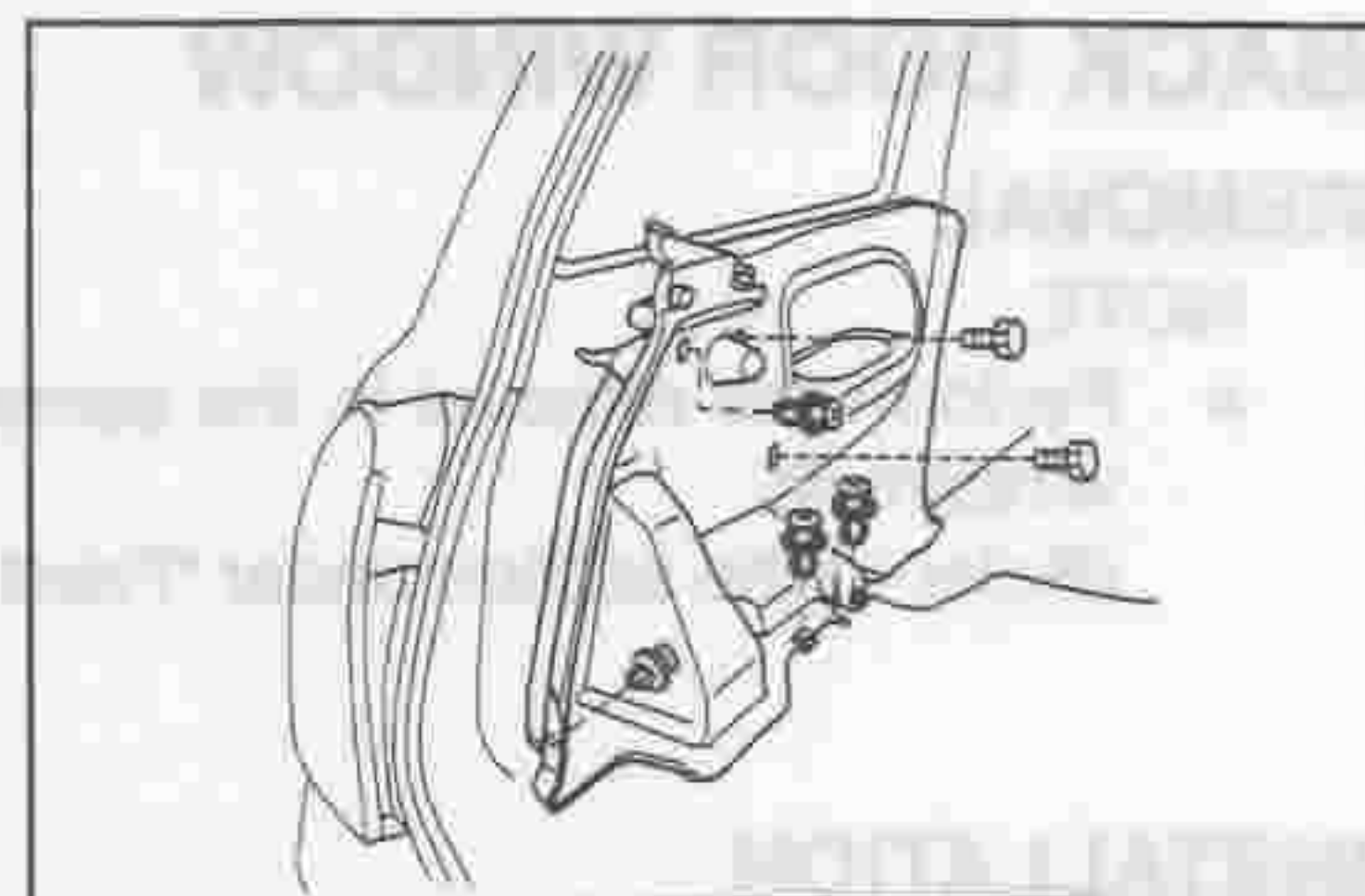
LBO00181-00000



QUARTER WINDOW (3-DOOR)

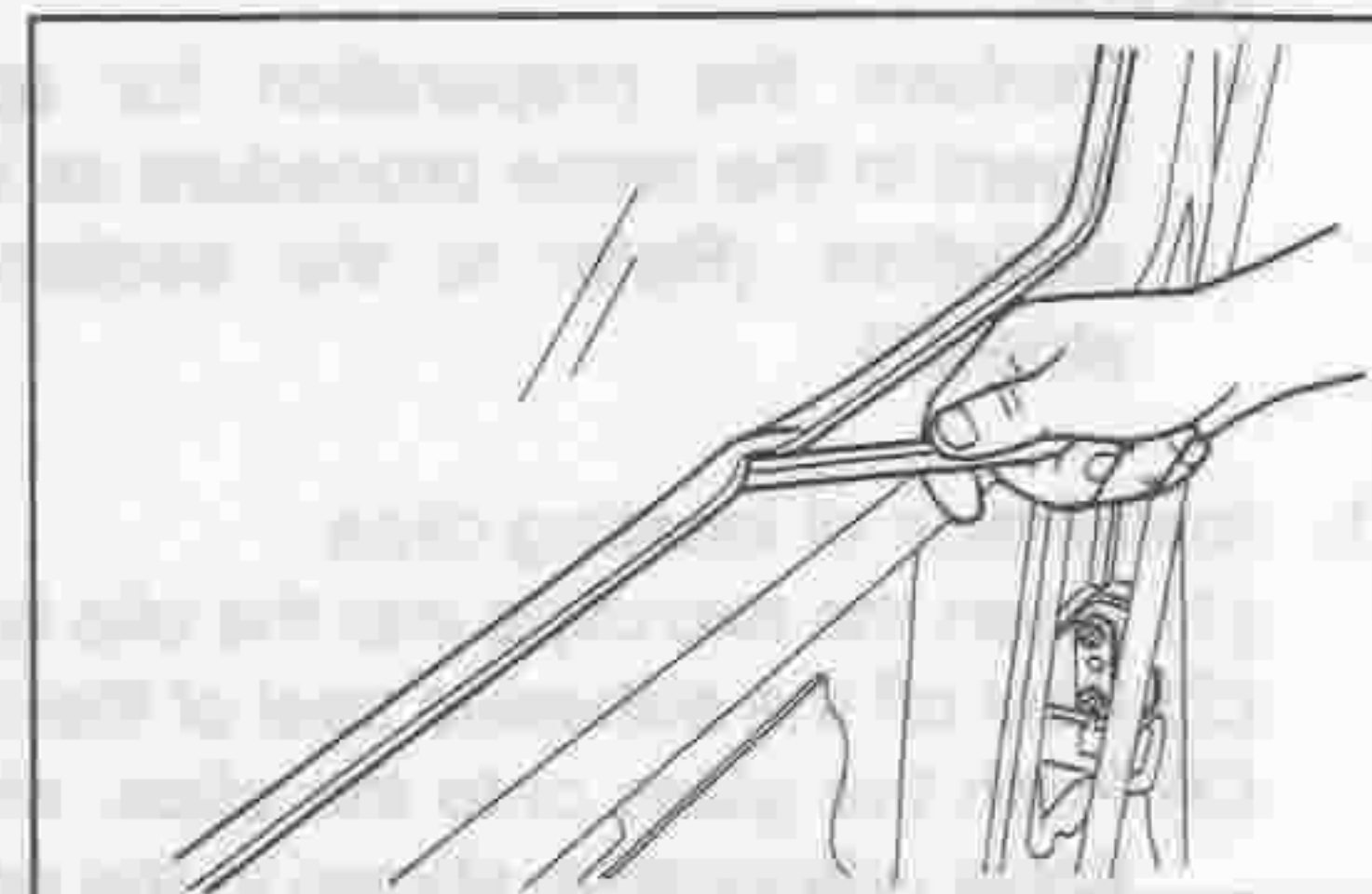
REMOVAL

1. Removal of quarter inside trim board
 - (1) Remove the trim board by removing the bolts and clips.



LBO00182-00172

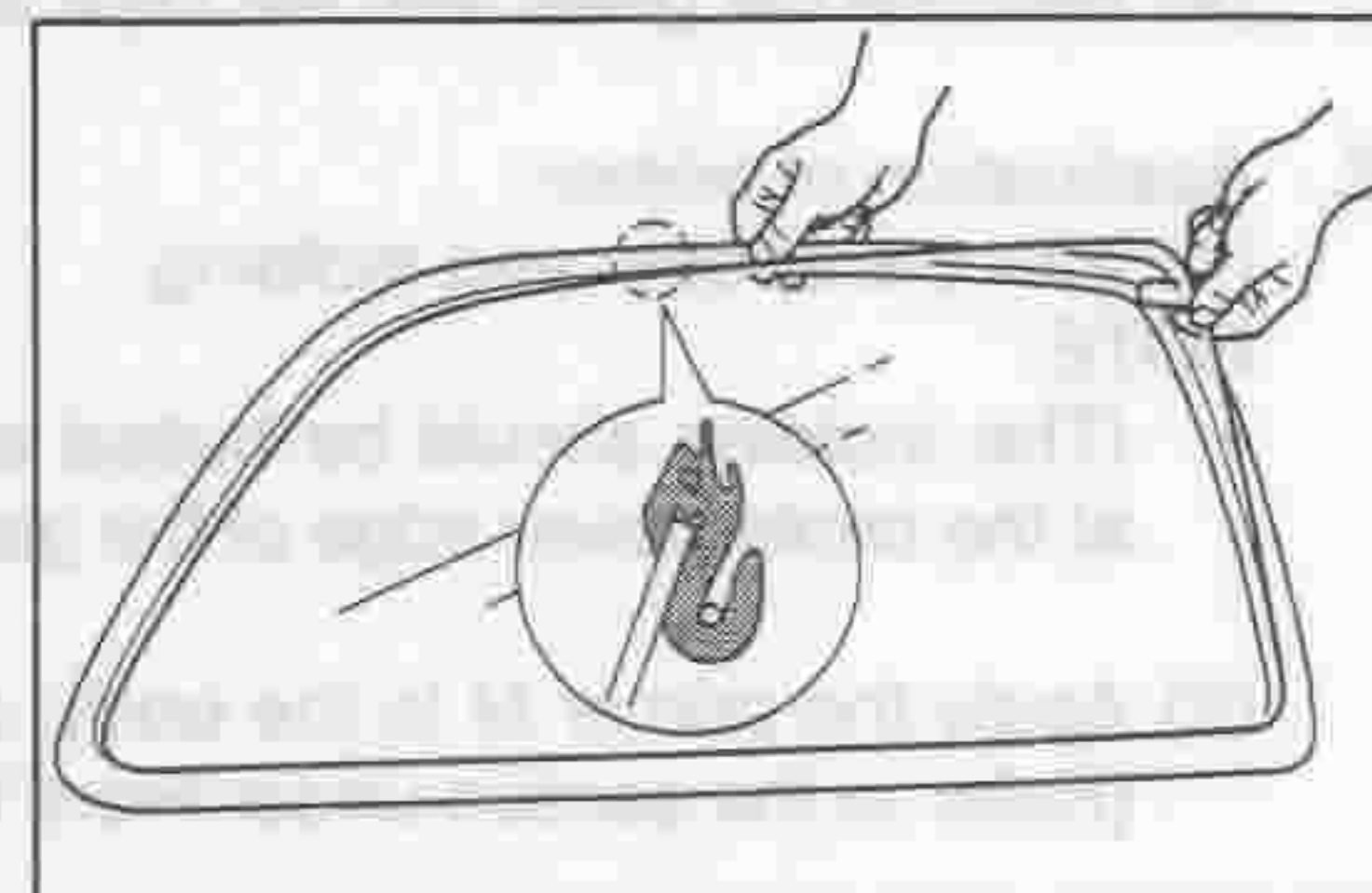
2. Removal of quarter window glass with weatherstrip
 - (1) Remove the lip of the weatherstrip from the flange with a bamboo spatula or the like. (Working inside the vehicle)
 - (2) While pushing the glass outward by hands, remove the lip from the flange.



LBO00183-00173

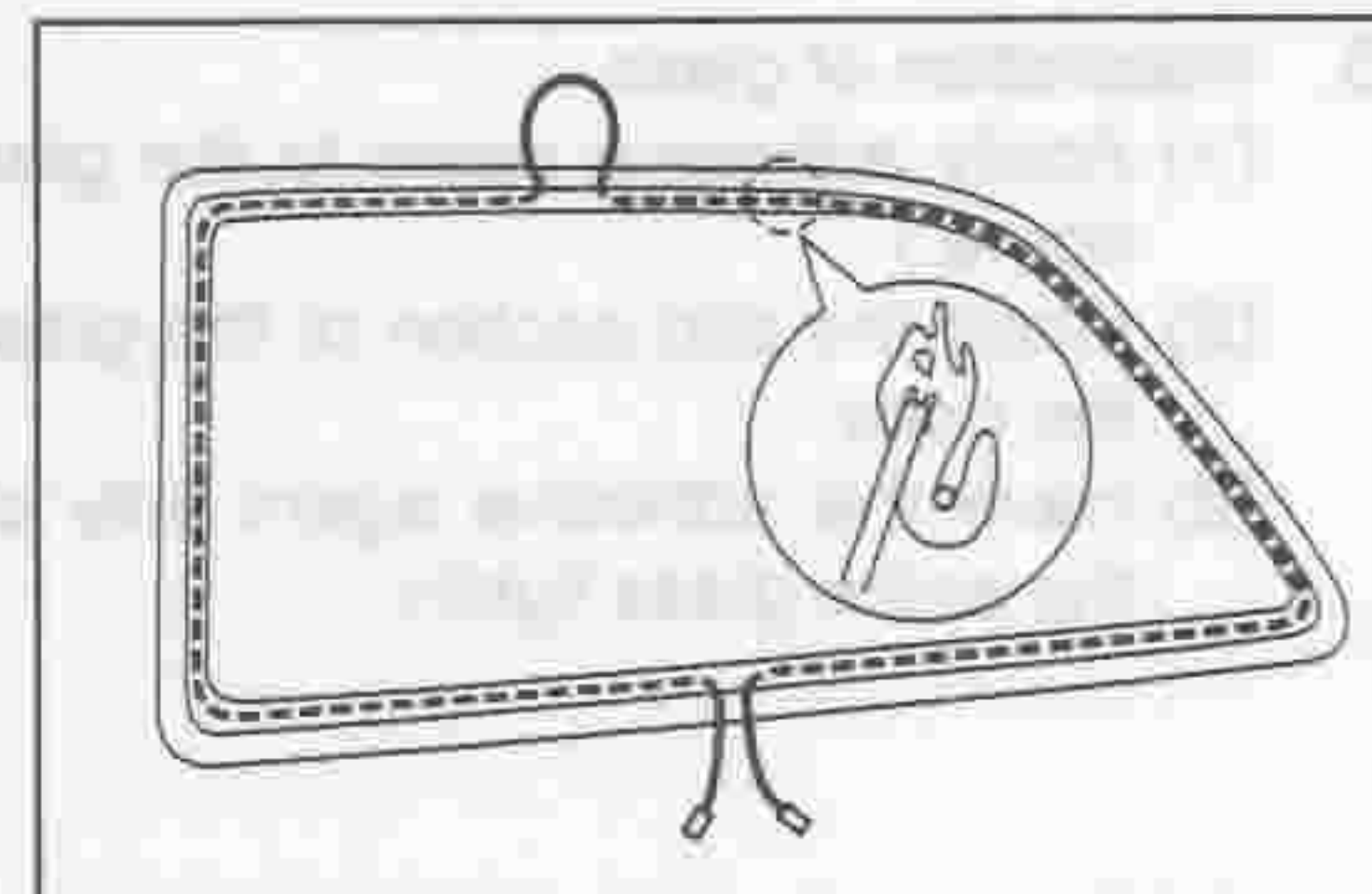
INSTALLATION

1. Setting of weatherstrip and glass
 - (1) Set the weatherstrip to the glass.



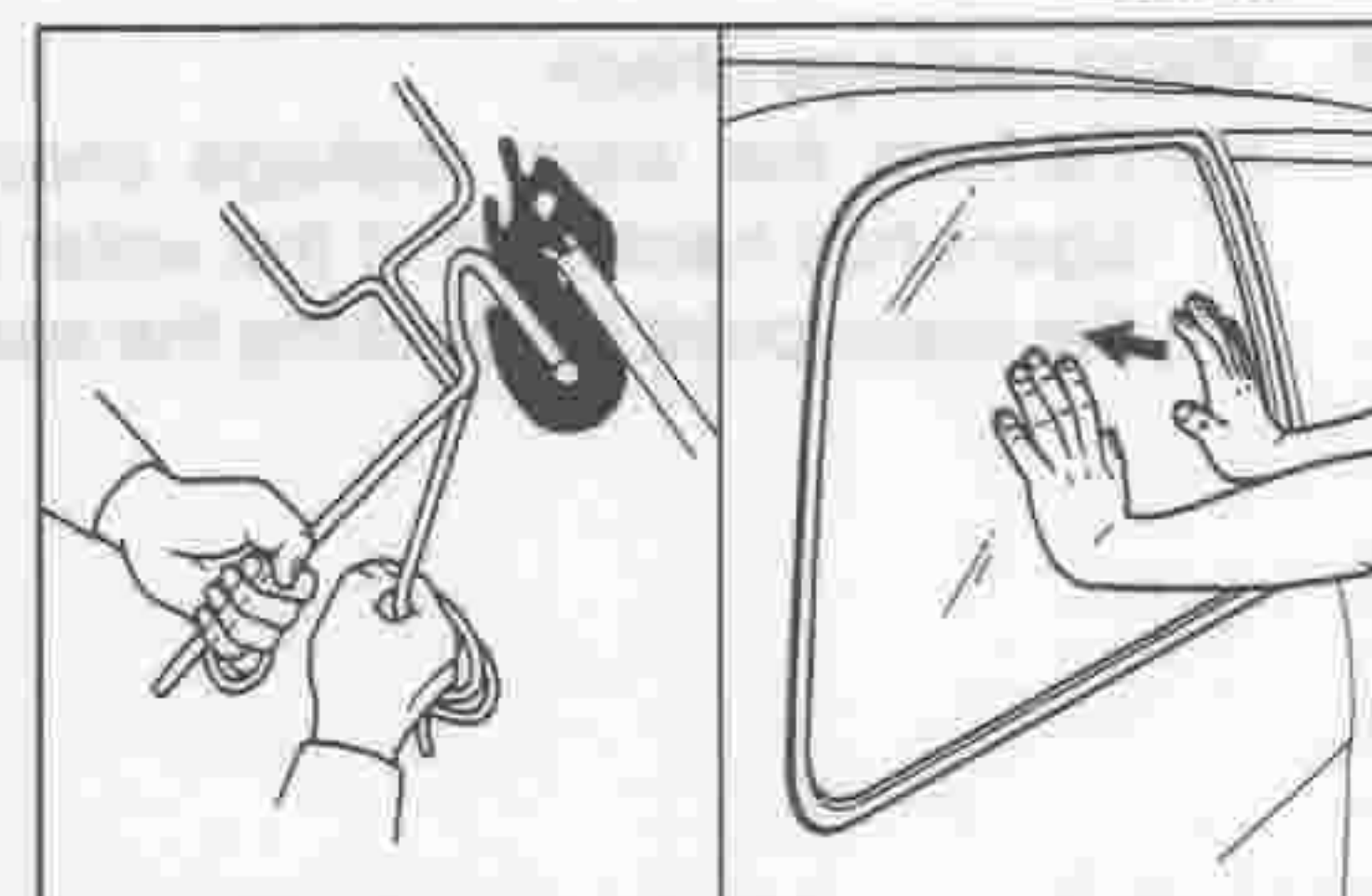
LBO00184-00174

2. Installation of quarter window
 - (1) Set the glass attaching cord to the flange insertion groove of the weatherstrip.
 - (2) Apply soap water to the outer periphery of the weatherstrip and flange.



LBO00185-00175

- (3) Place the glass with weatherstrip on the flange. With the glass pushed on the flange, install the quarter window, using the cord.



LBO00186-00176

BACK DOOR WINDOW

REMOVAL

NOTE:

- Perform the removal in the same procedure as for the windshield.
(Refer to the section under "Front Windshield.")

LBO00187-00000

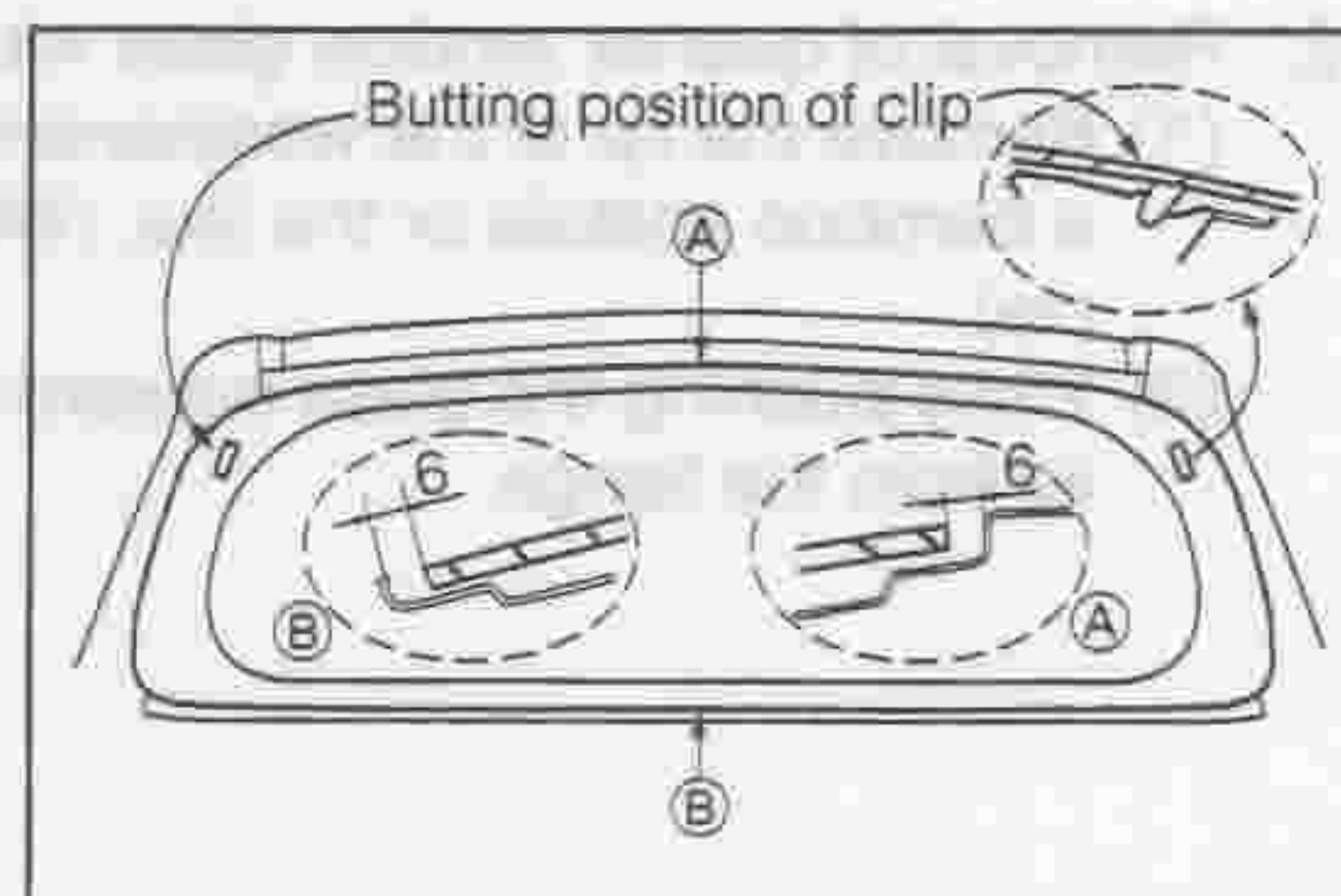
INSTALLATION

NOTE:

- Perform the preparation for applying the adhesive agent in the same procedure as with the windshield installation. (Refer to the section under "Front Windshield.")

1. Installation of locating clips

- Insert the two clips into the clip holes of the body.
- Peel off the adhesive seal of the clip.
- Push the glass onto the clips, while keeping the positional relationship shown in the right figure.
- Remove the glass with the clips attached.



LBO00188-00177

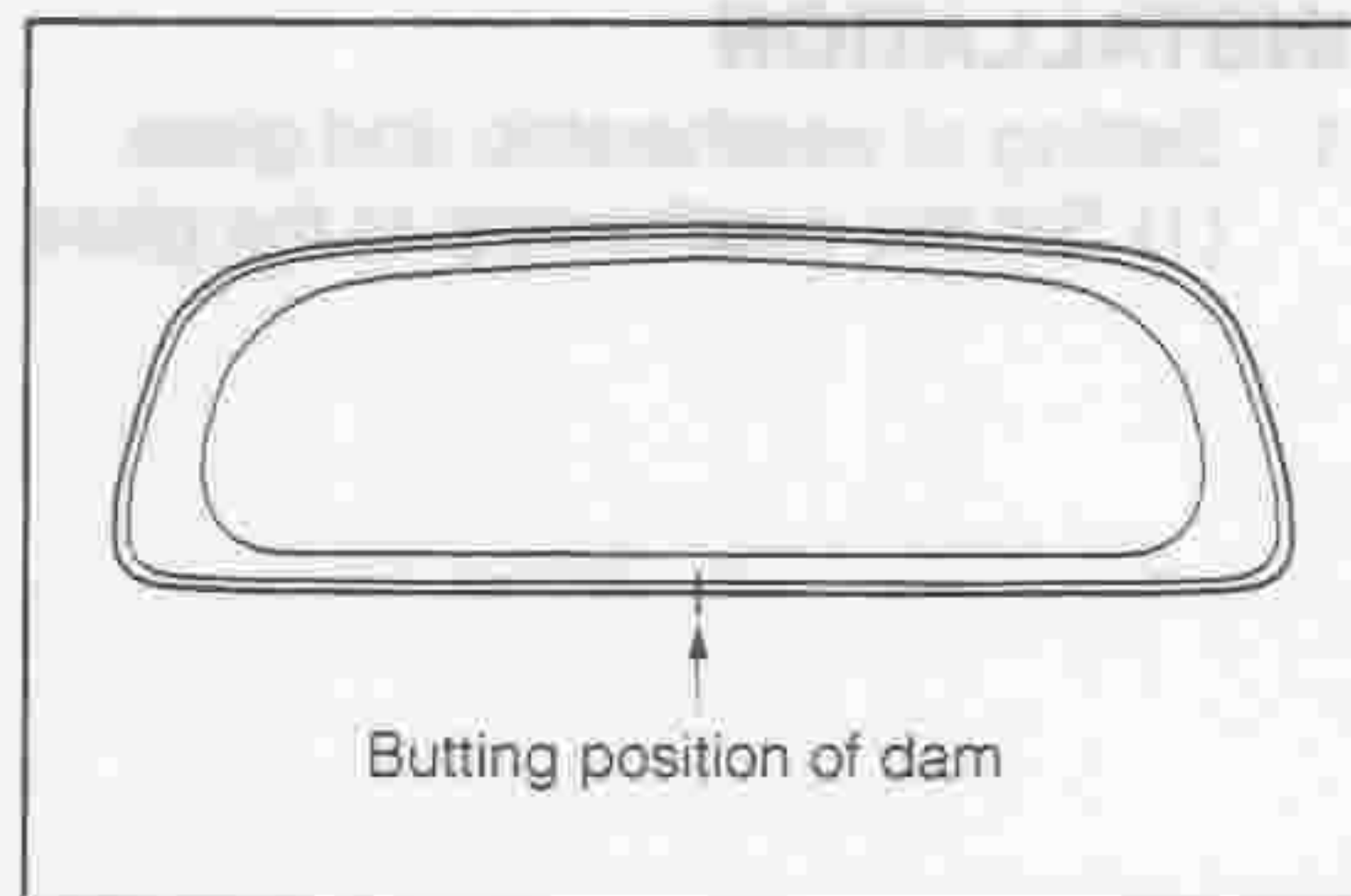
2. Application of primer

- Affix the spacer and molding.

NOTE:

- (The molding should be butted at the marking section at the center/lower edge of the glass.)

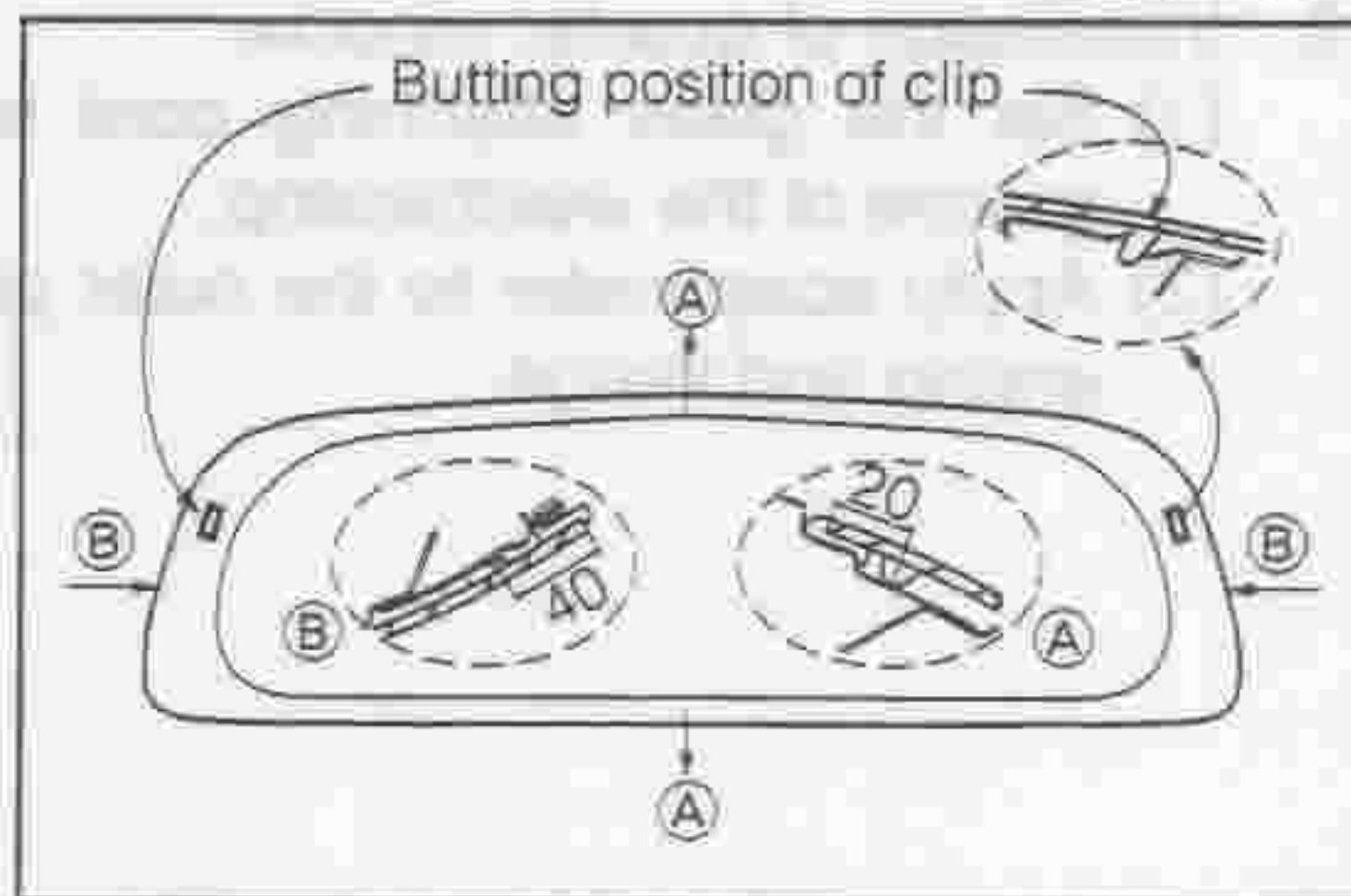
- Apply the primer M to the body; primer G to the glass.
(Refer to the section under Front Windshield.)



LBO00189-00178

3. Installation of glass

- Apply adhesive agent to the glass. (Refer to the right figure.)
- Insert the clip section of the glass into the clip hole of the body.
- Have the adhesive agent fully contacted by pushing the entire glass lightly.



LBO00190-00179

4. Water leakage check

- Perform the water leakage check after the adhesive agent has hardened. If the water leakage exists, repair the leaky point by packing the sealer.

LBO00191-00000

BACK DOOR & FUEL LID OPENER

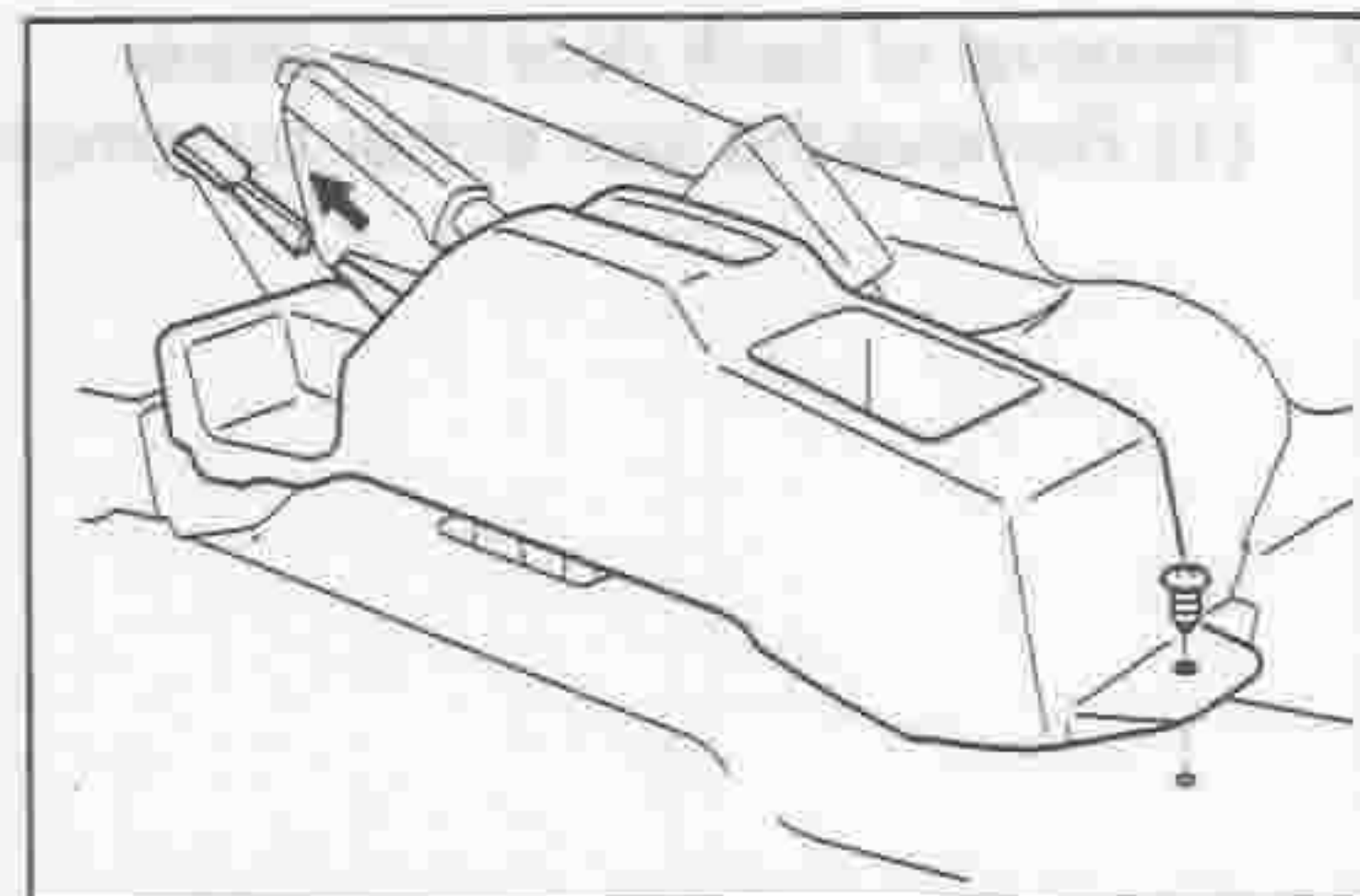
CONTROL CABLE

REMOVAL

1. Remove the front seat (driver side).
(Refer to the section under "Front Seat.")
2. Remove the rear seat.
(Refer to the section under "Rear Seat.")

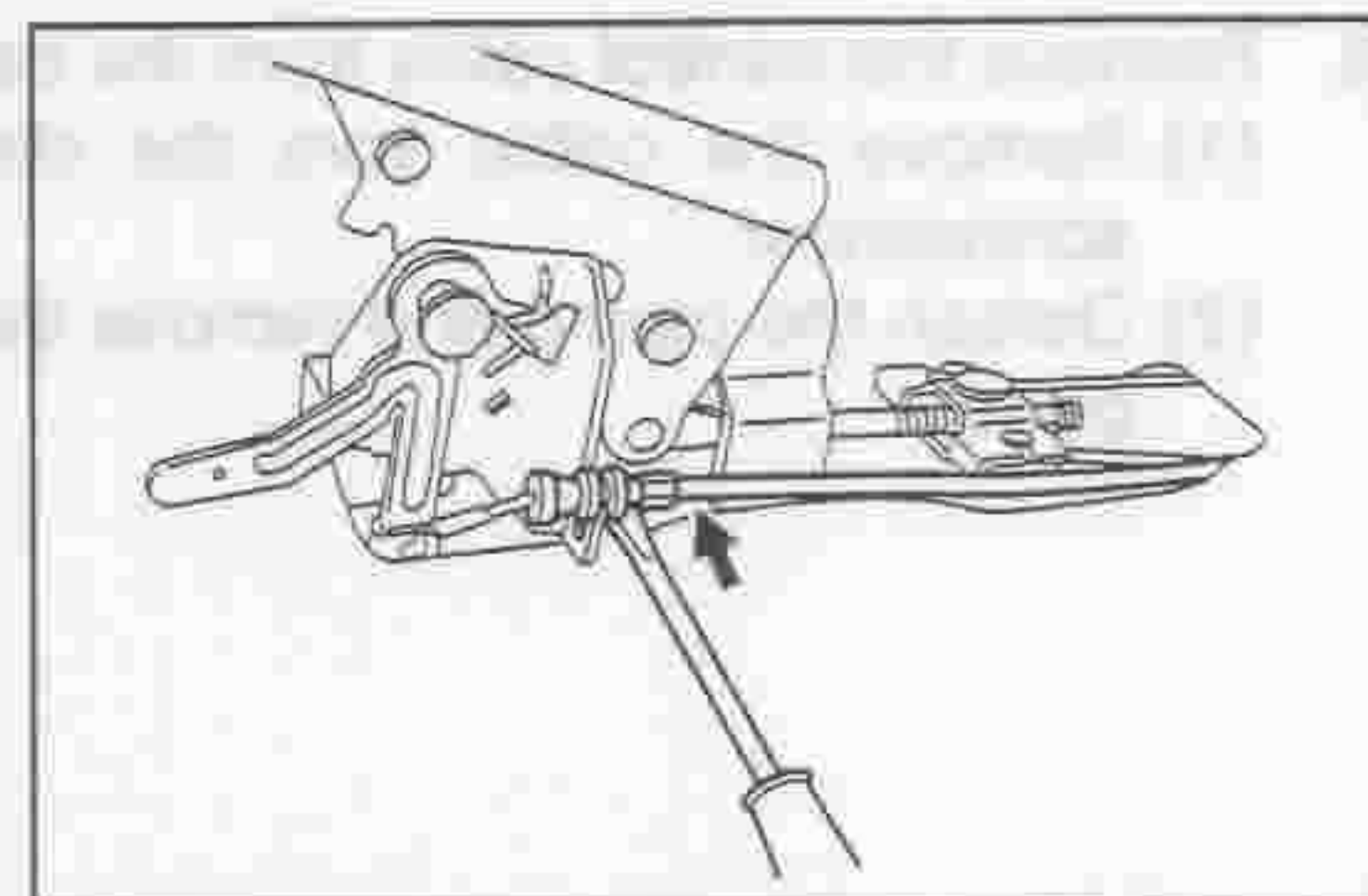
LBO00192-00000

3. Remove the rear console box.
(Refer to the section under "Instrument Panel.")



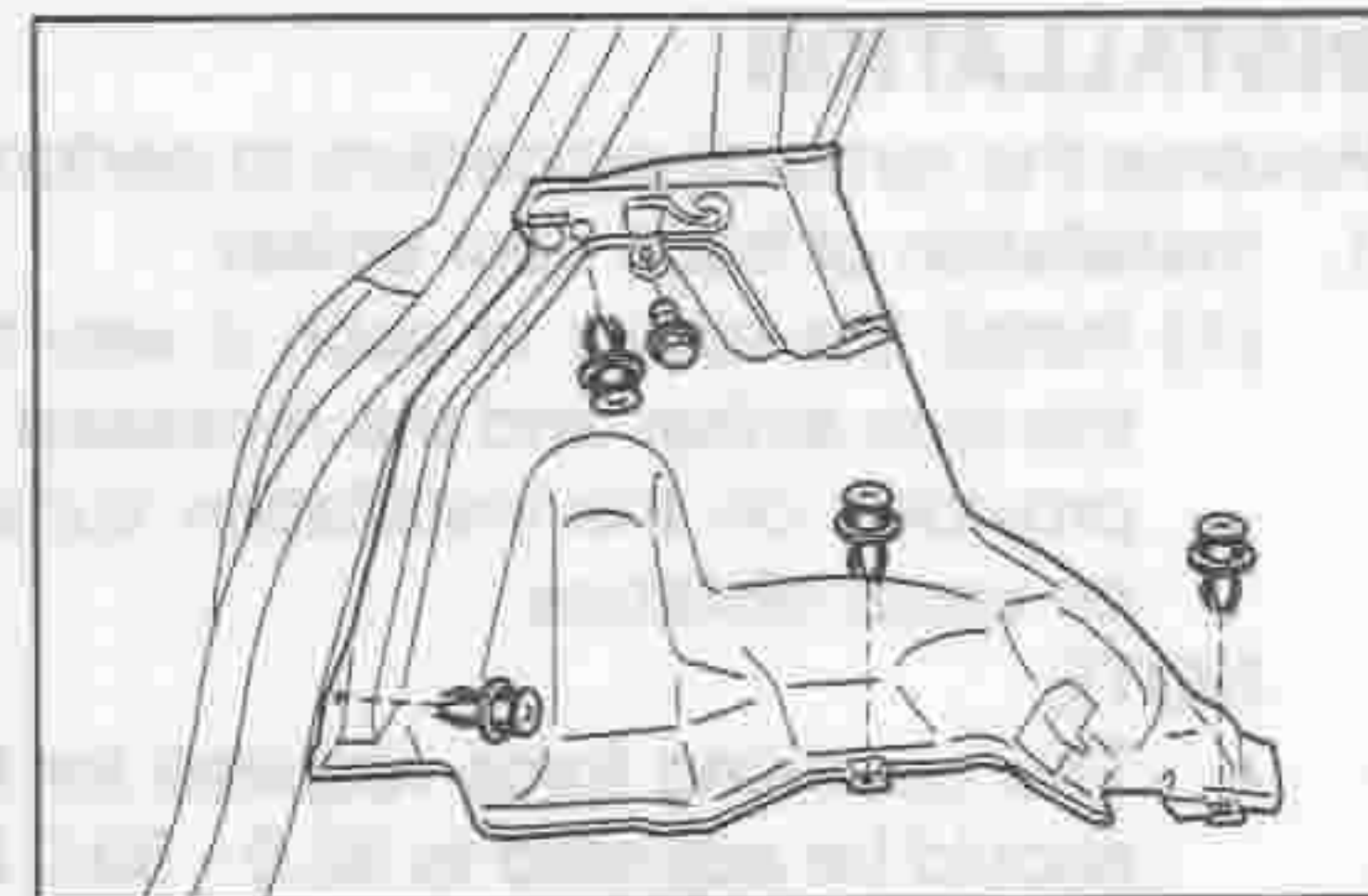
LBO00193-00180

4. Remove the cable from the back door open lever.
(1) Remove the cable from the clamp with a standard screwdriver.



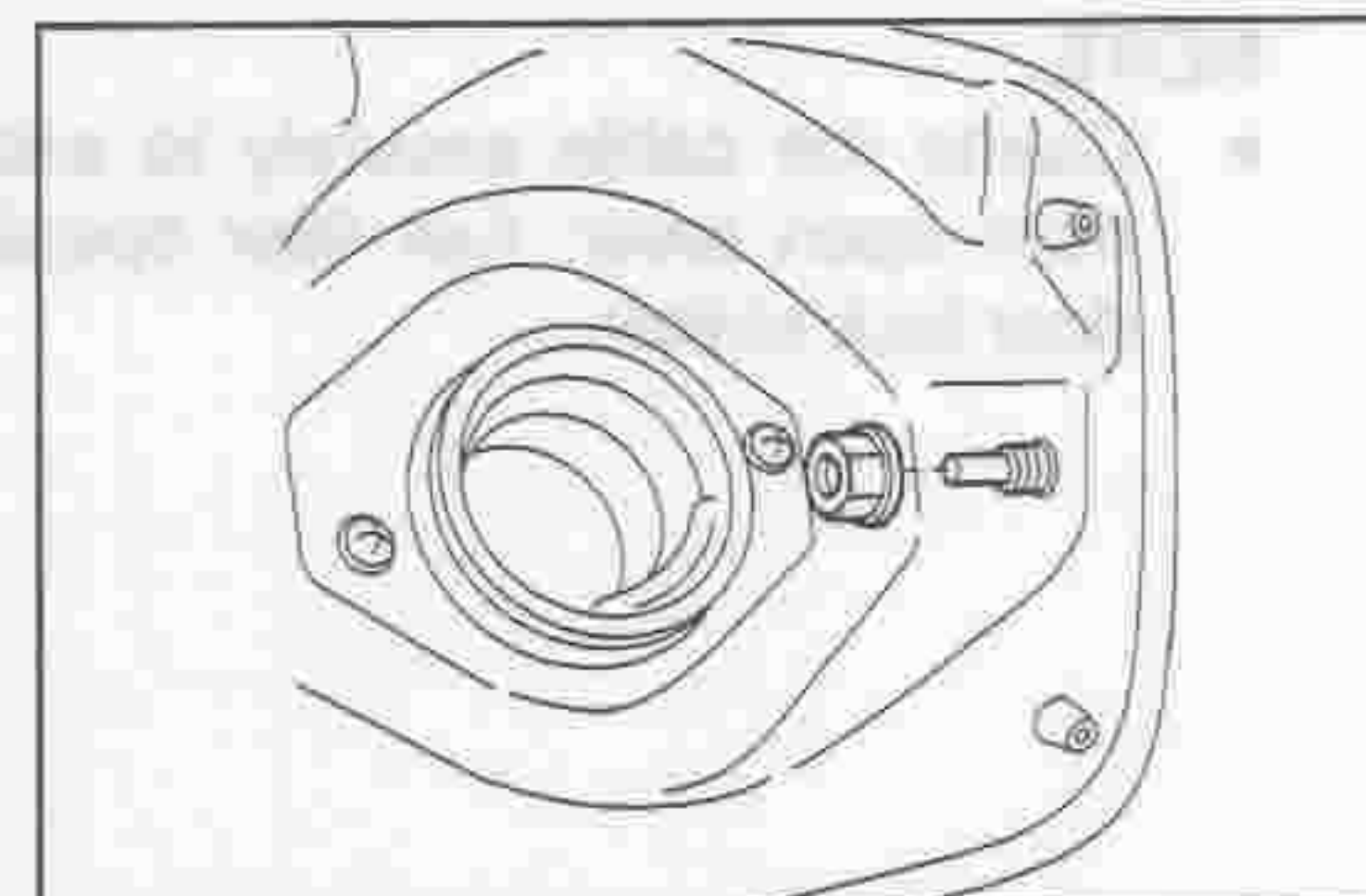
LBO00194-00181

5. Remove the deck side trim.
(Refer to the section under "Trim & Garnish.")



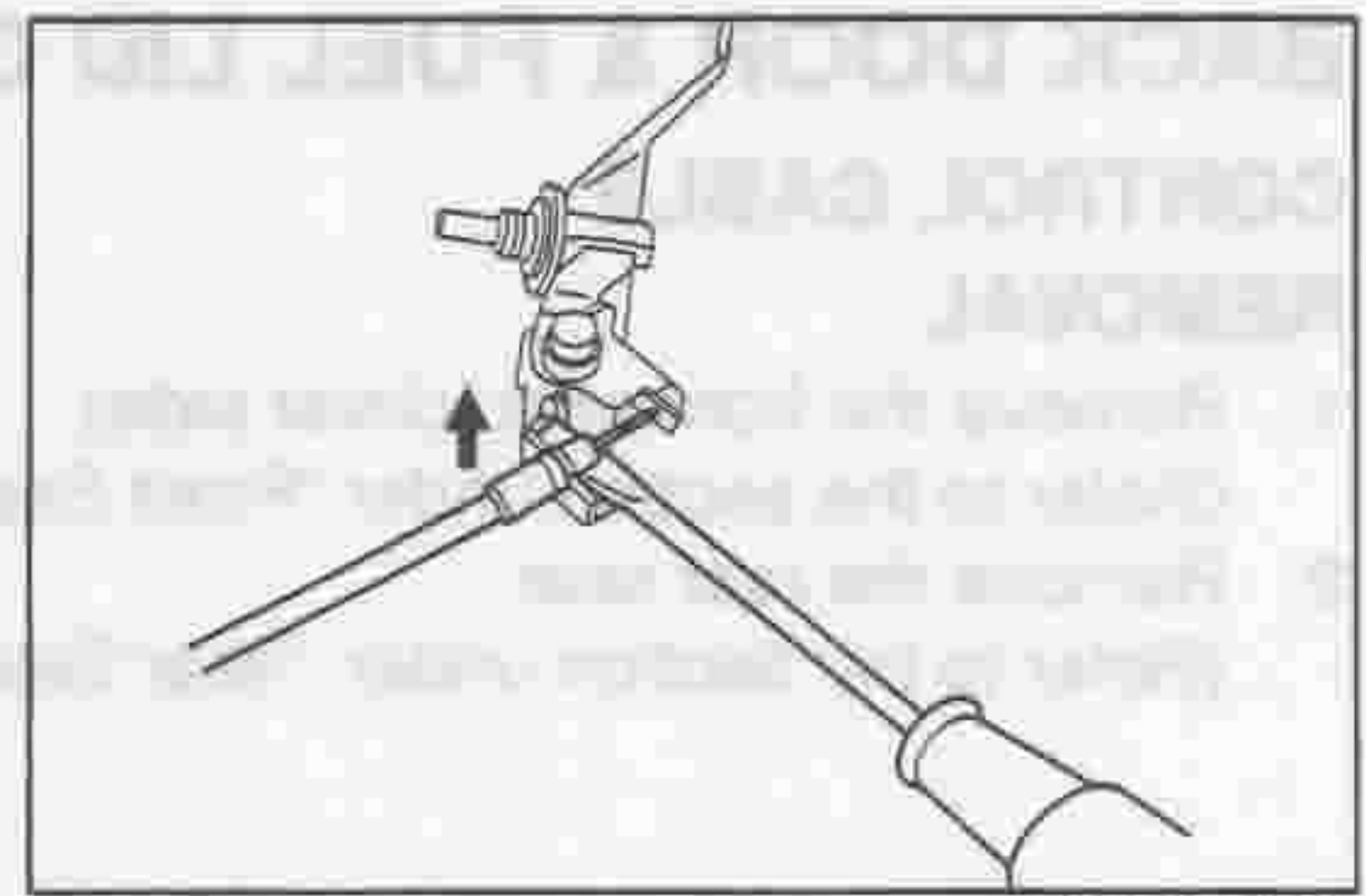
LBO00195-00182

6. Removal of fuel filler opening lid lock
(1) Remove the lock nut.



LBO00196-00183

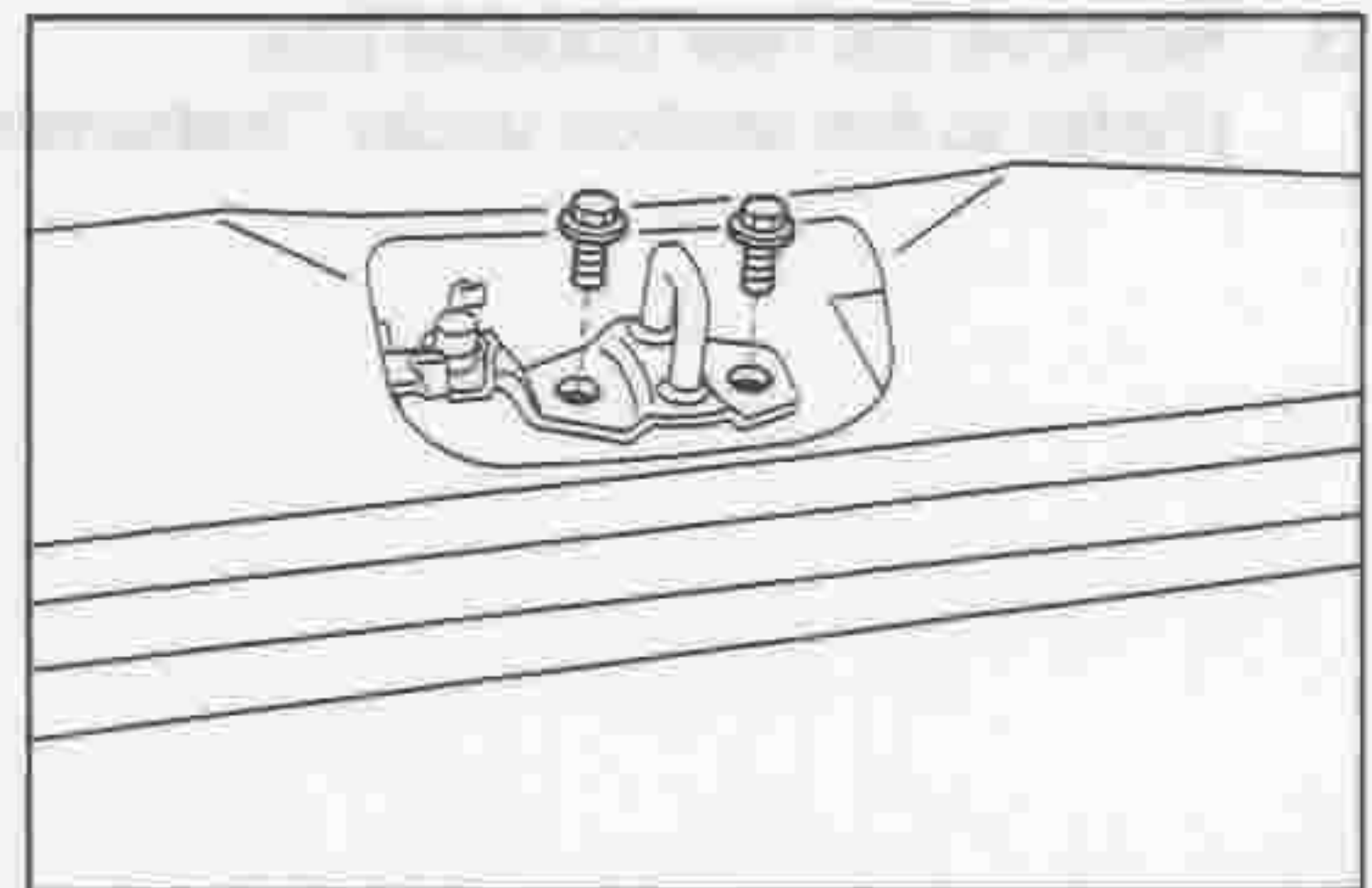
(2) Remove the control cable from the opening lid lock.



LBO00197-00184

7. Removal of back door lock striker

(1) Remove the lock striker by removing the two set bolts.

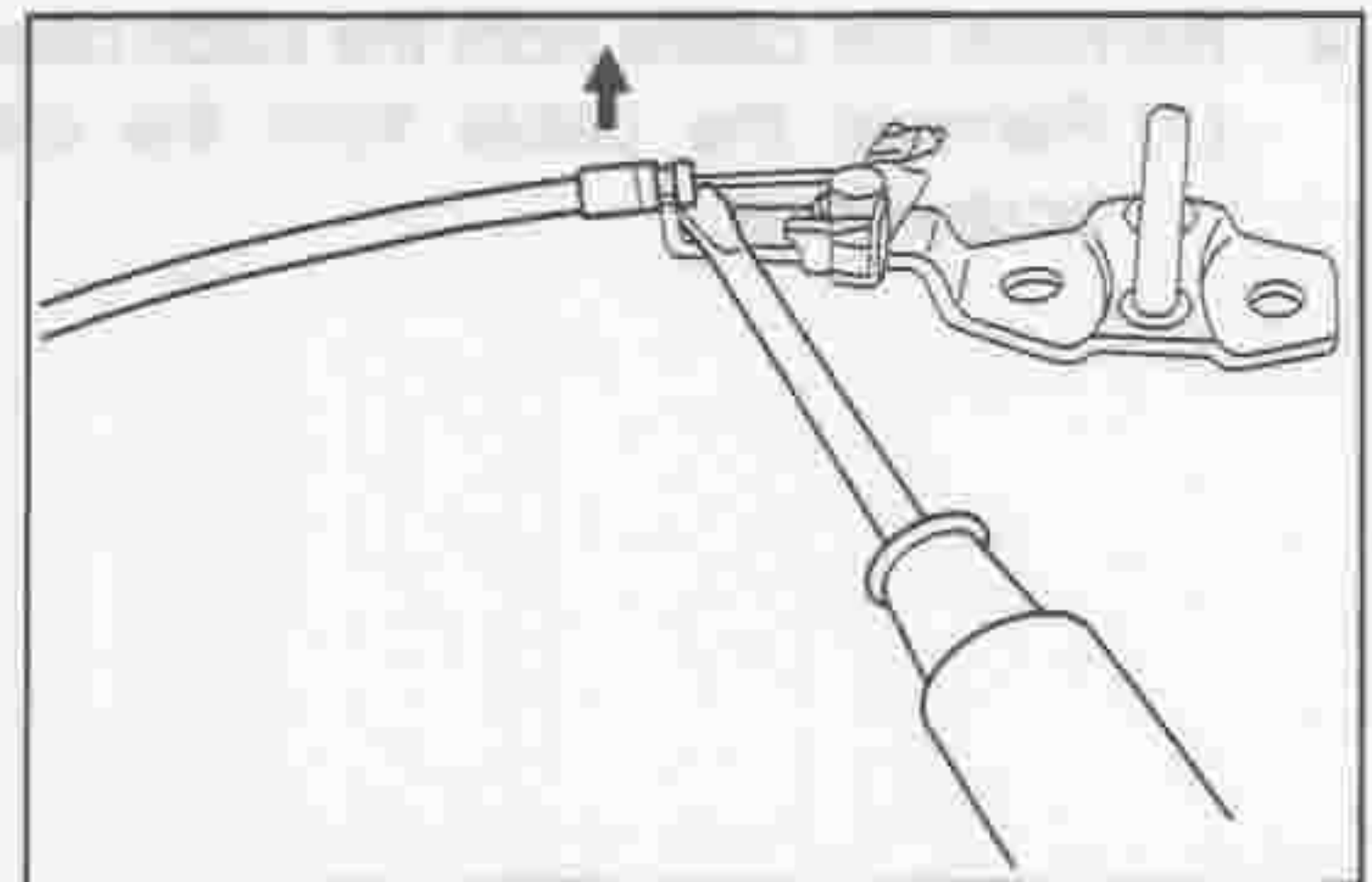


LBO00198-00185

8. Remove the control cable from the back door lock striker.

(1) Remove the cable from the clamp with a standard screwdriver.

(2) Detach the clamp and remove the cable from the floor panel.



LBO00199-00186

INSTALLATION

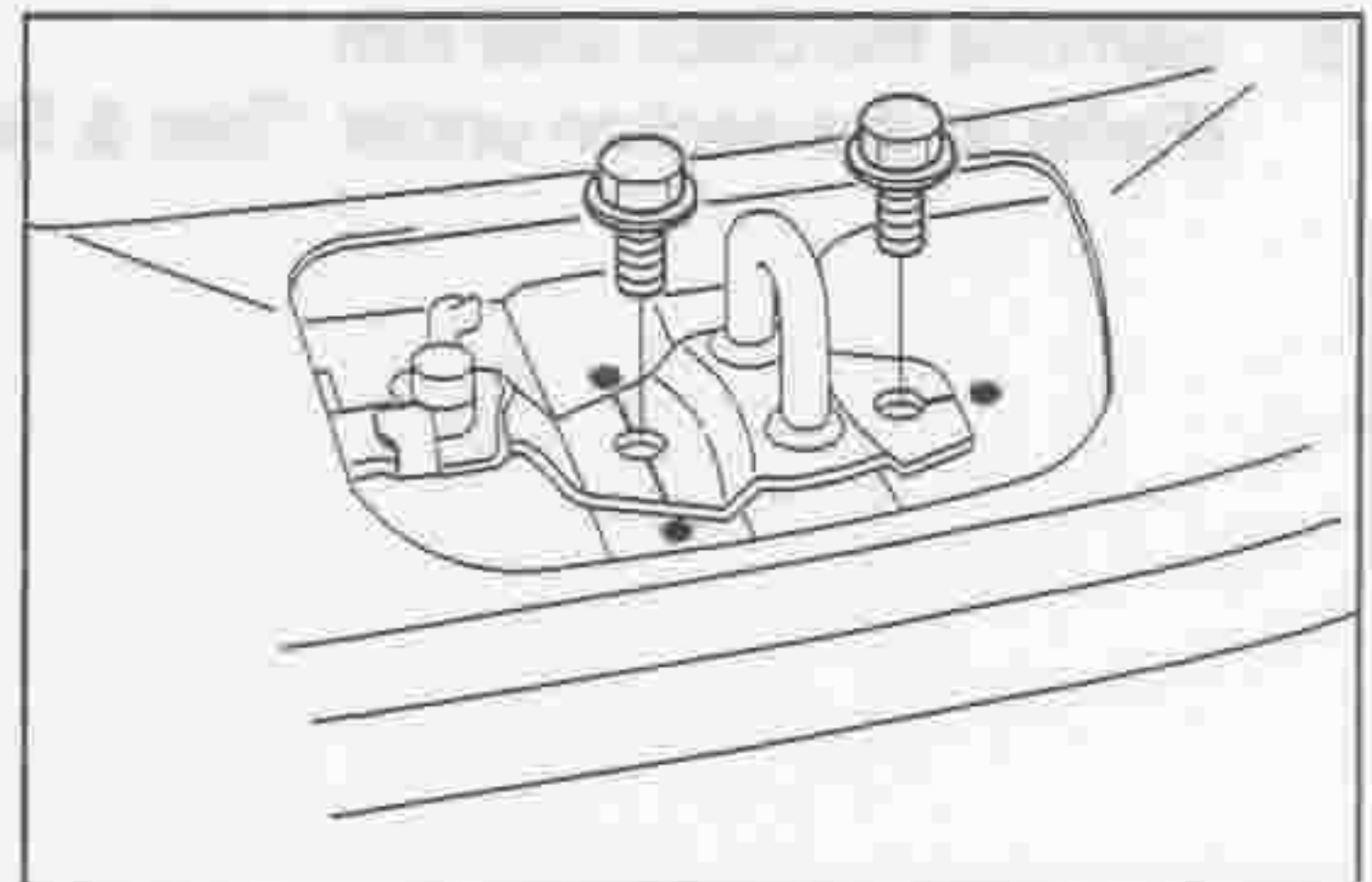
Reverse the removal procedure to perform the installation.

1. Installation of back door striker

(1) Install the striker in such a way that the scribe line of the lock striker and the recessed mark for location use provided on the installation surface be matched with an equal distance.

NOTE:

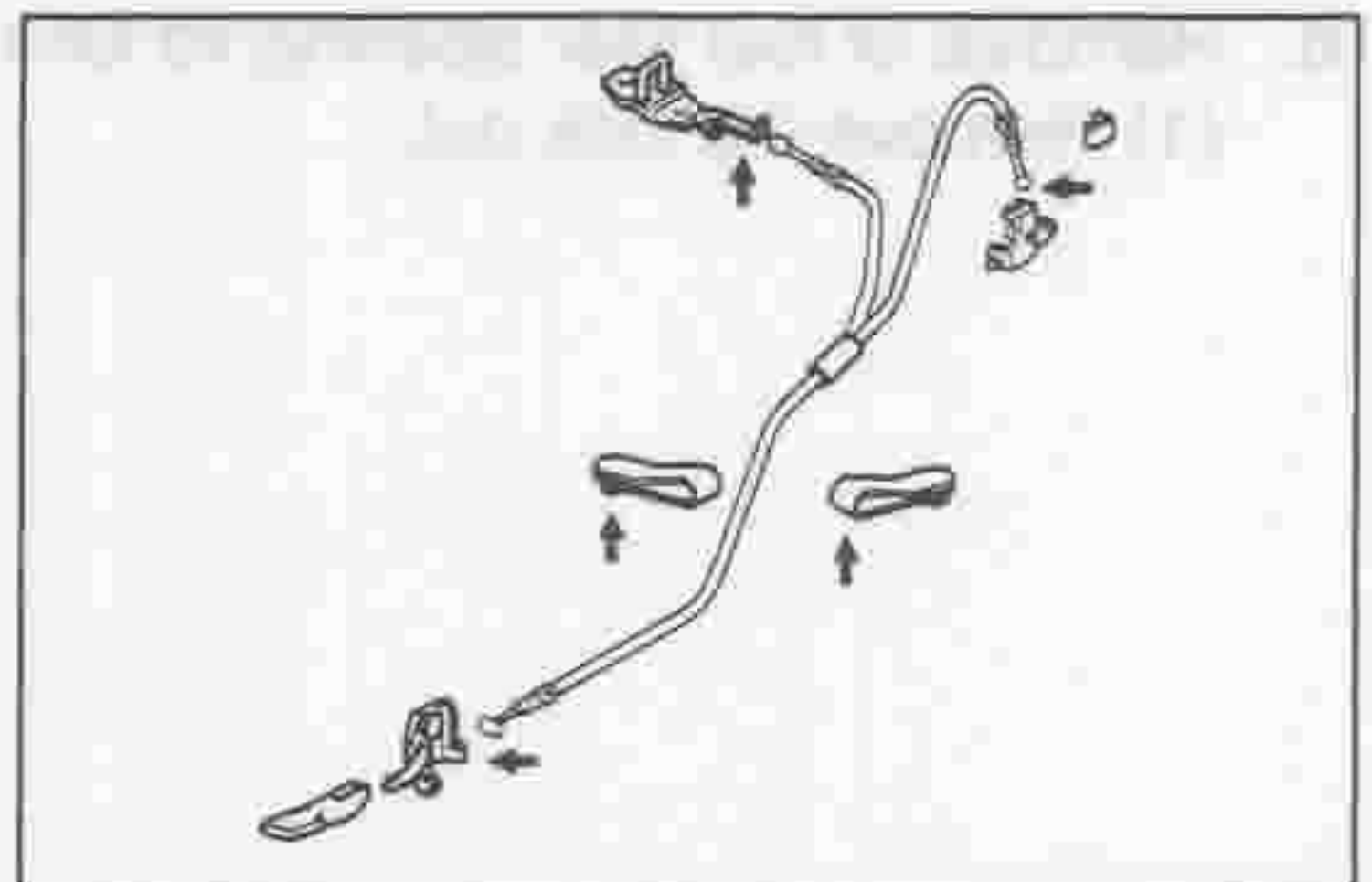
- The operating force required for the back door opener should be adjusted to 32.0 - 50.0 N·m.



LBO00220-00204

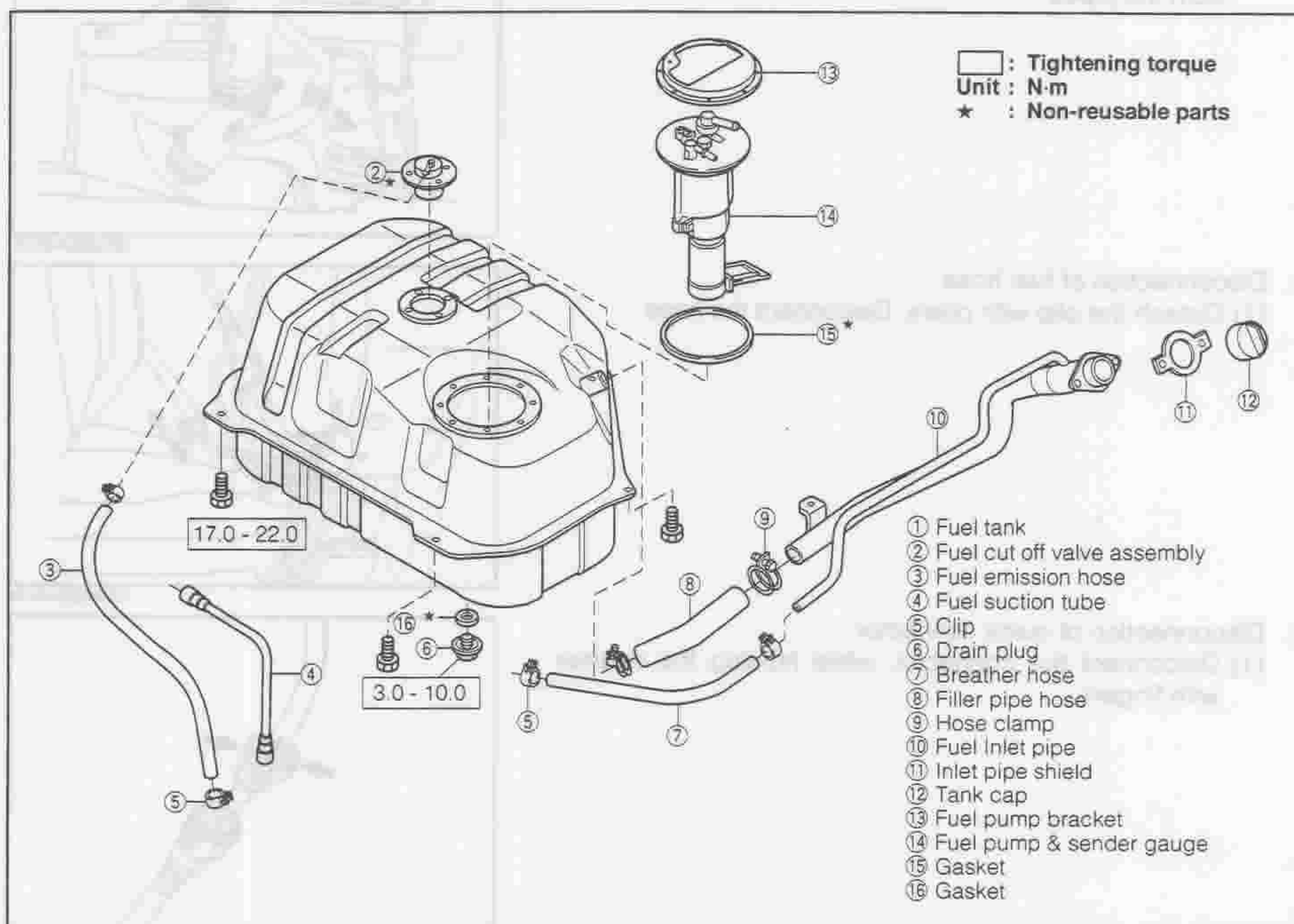
NOTE:

- Clamp the cable securely to each clamp of the back door open lever, fuel filler opening lid lock and back door lock striker.



LBO00200-00187

FUEL TANK COMPONENTS



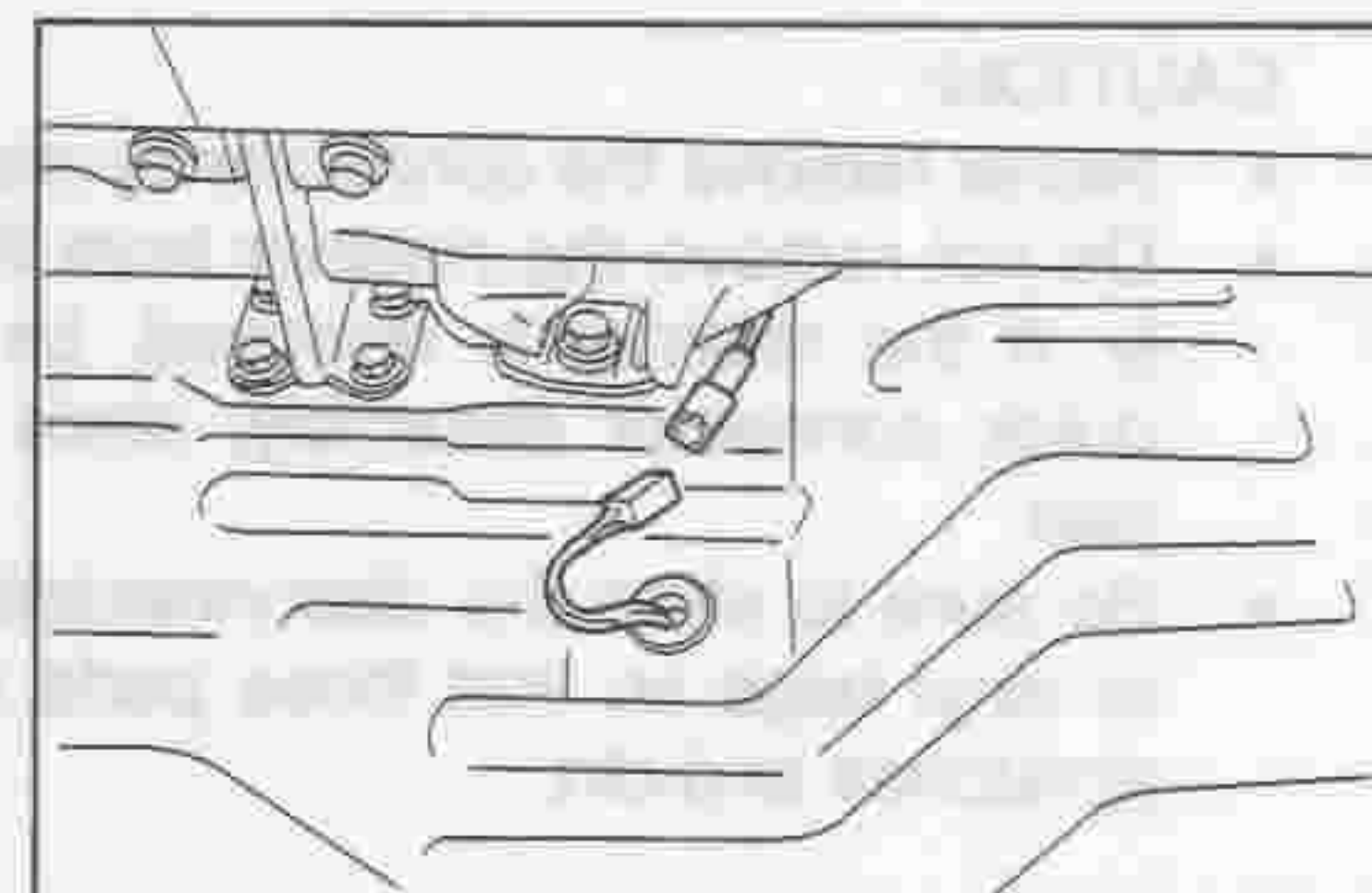
LBO00201-00188

REMOVAL

WARNING:

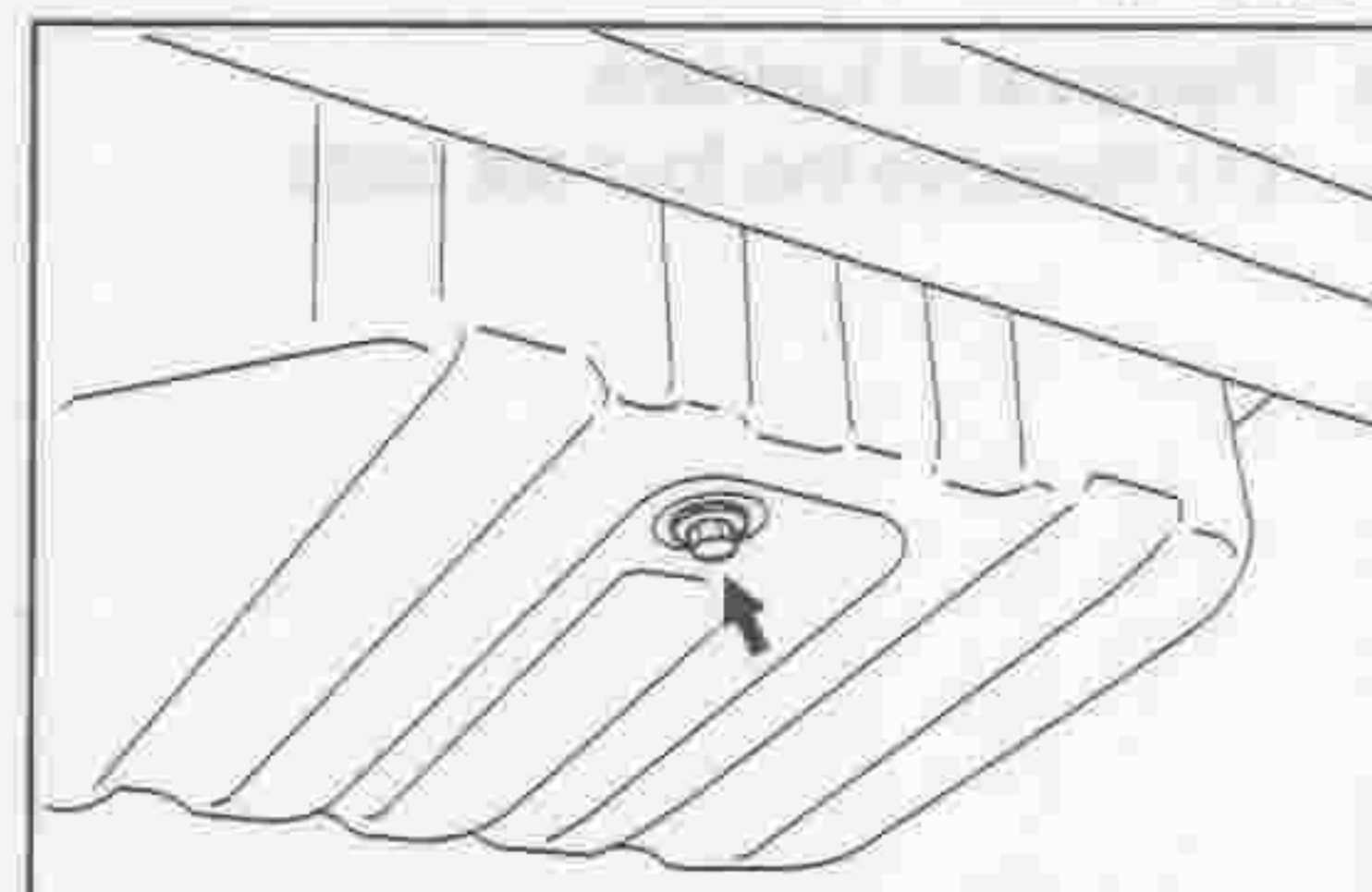
- Never allow fire to be brought nearby during the removal.
- Be very careful not to allow fuel to splash.
- Be sure to drain fuel into an appropriate container.

1. Disconnect the connector of the fuel pump harness under the rear seat.



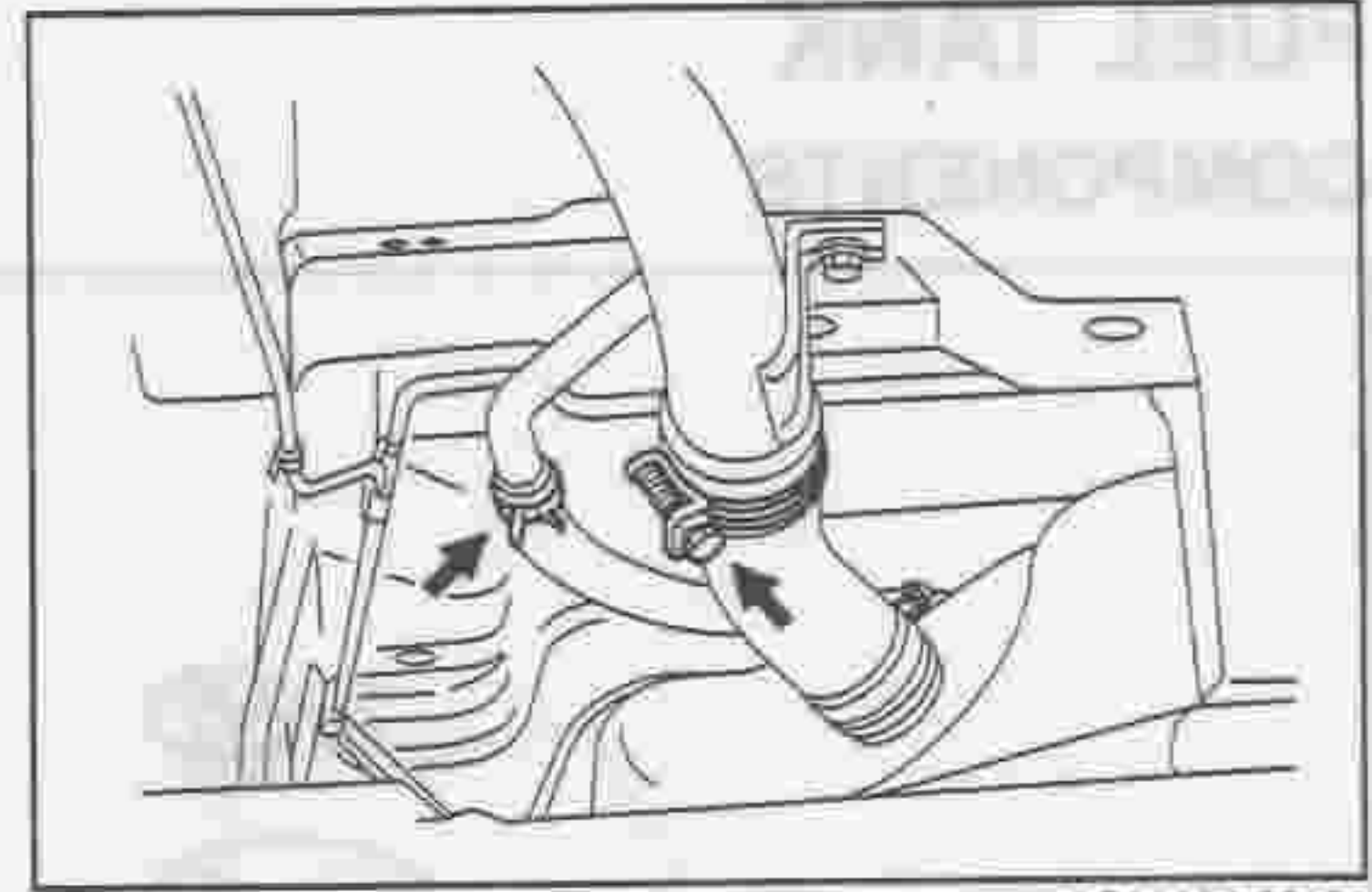
LBO00202-00189

2. Drain residual fuel inside the tank.
 (1) Remove the drain plug and drain the fuel to an appropriate container.

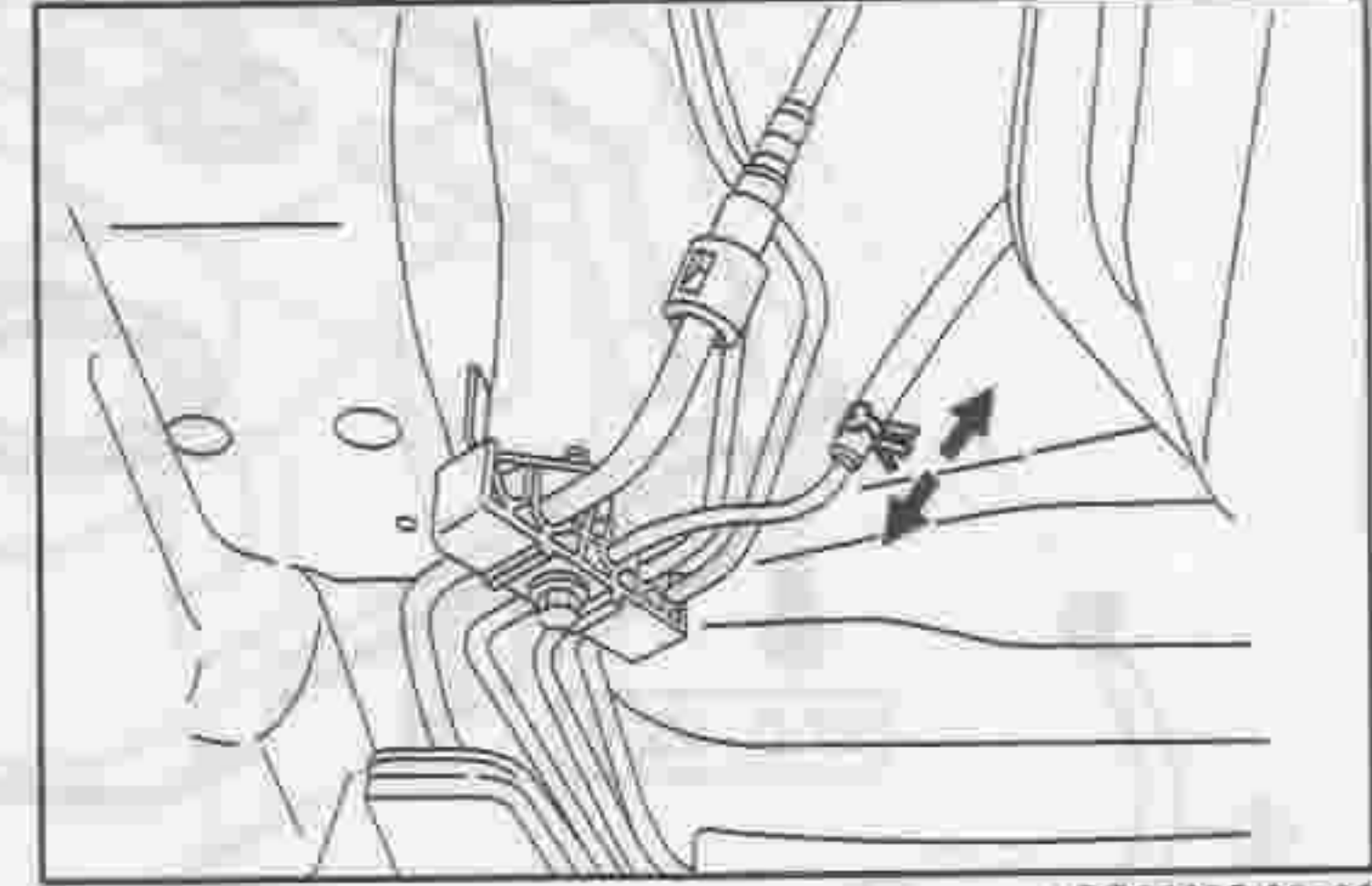


LBO00203-00190

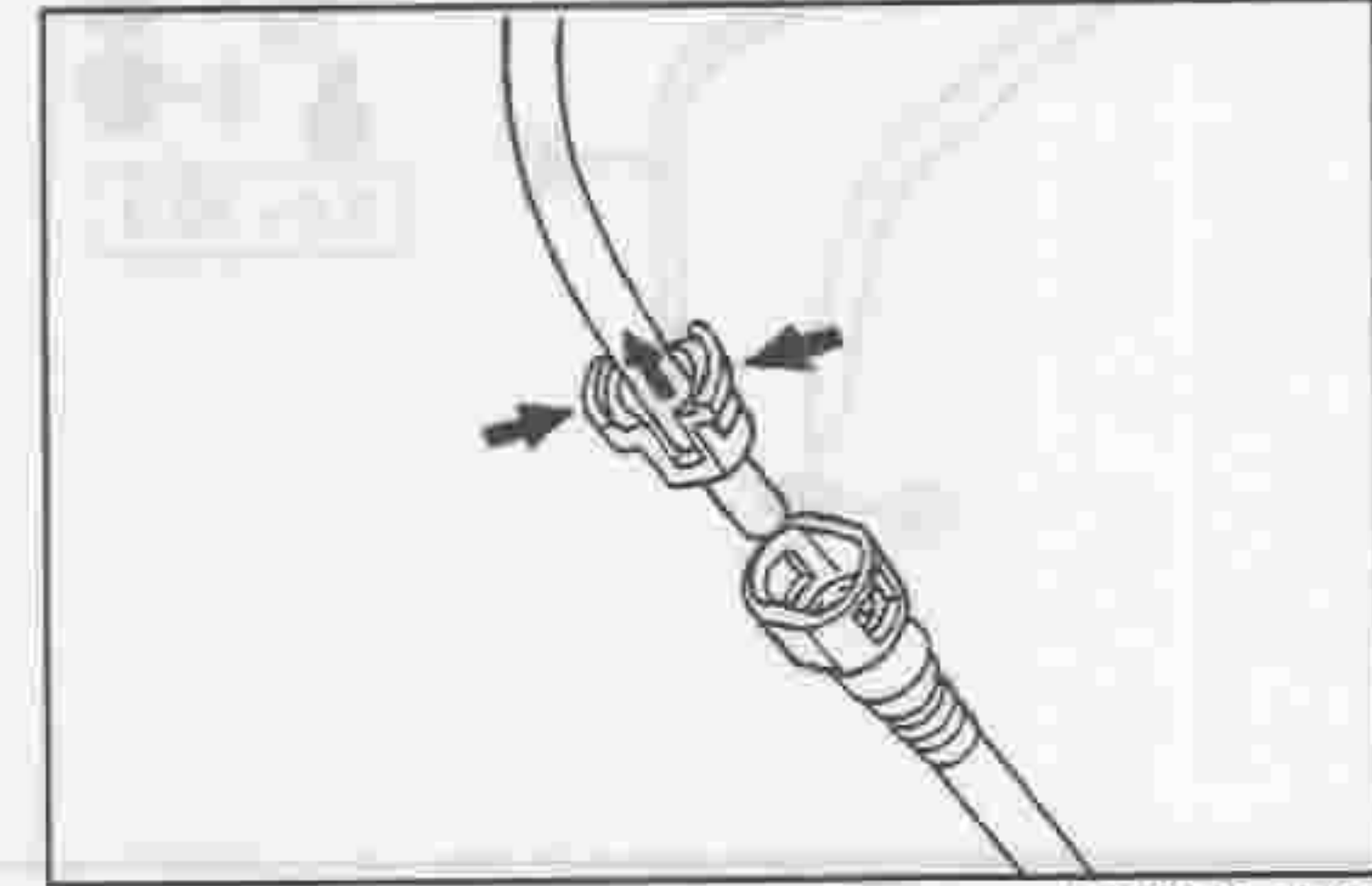
3. Disconnection of inlet hose & breather hose
 - (1) Loosen the hose clamps and disconnect the hoses from the pipes.



4. Disconnection of fuel hose
 - (1) Detach the clip with pliers. Disconnect the hose.

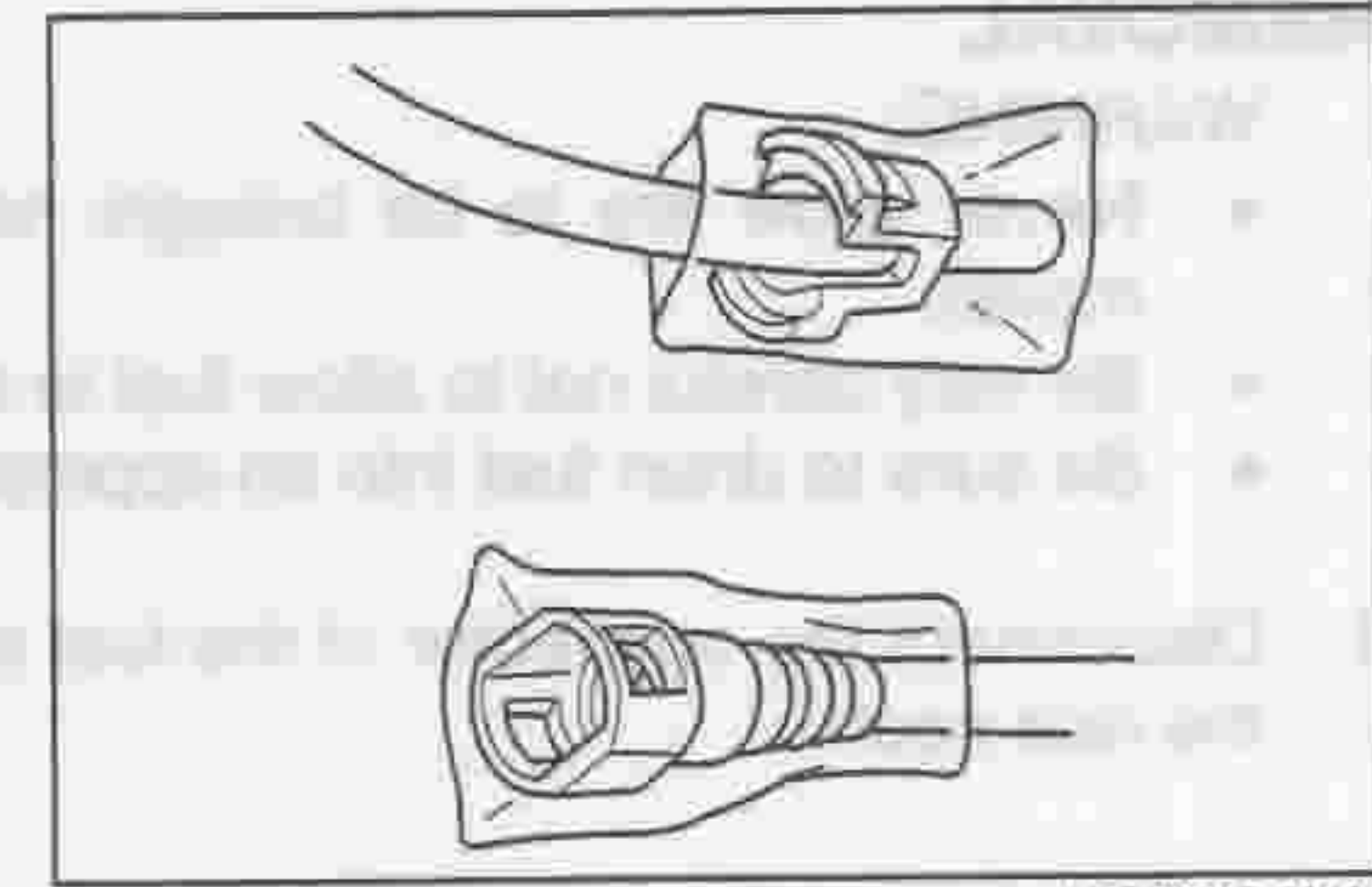


5. Disconnection of quick connector
 - (1) Disconnect the connector, while holding the retainer with fingers.

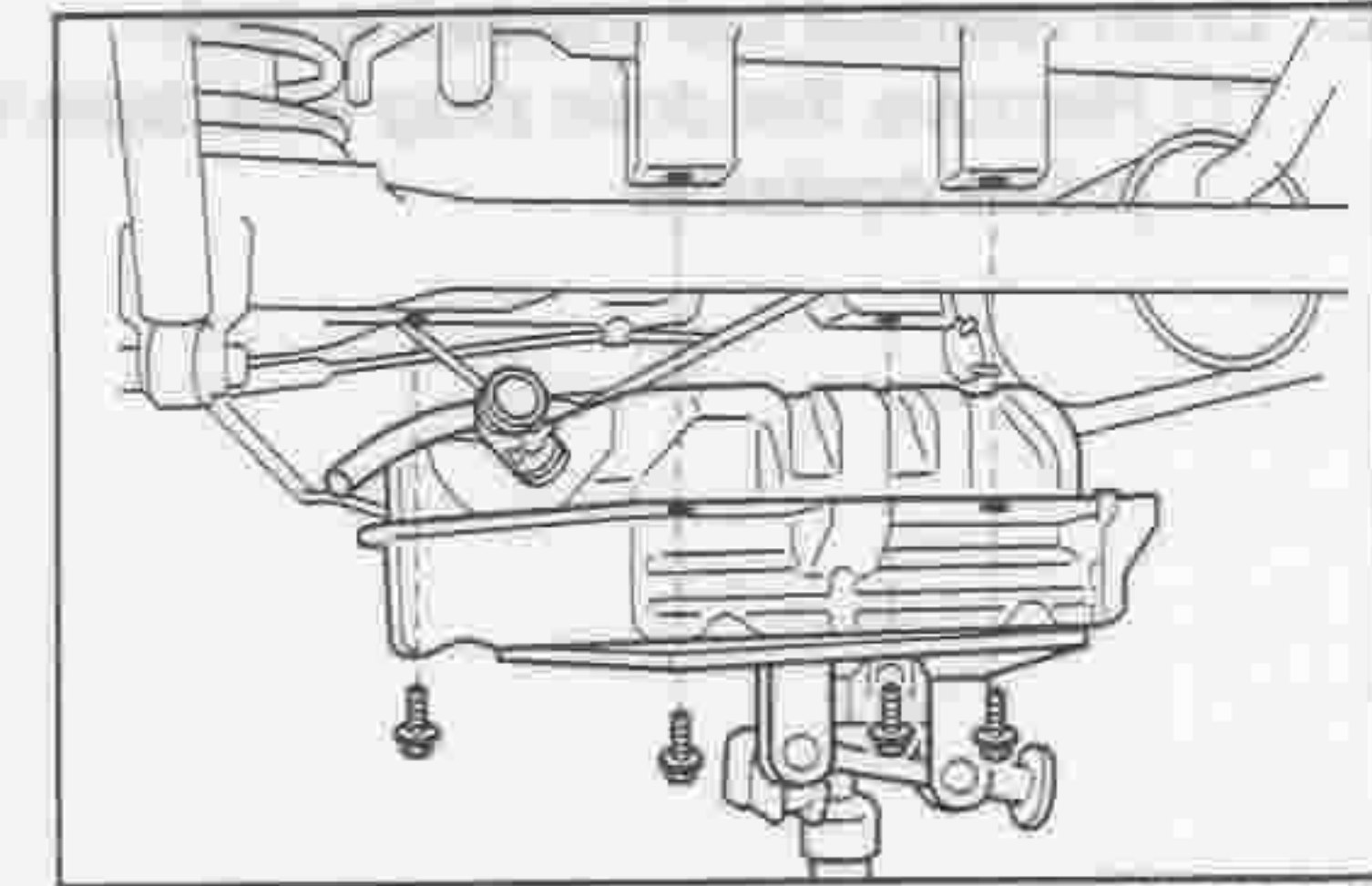


CAUTION:

- Never remove the connector by means of a tool.
- Do not remove the retainer from the tube unnecessarily. If the retainer is removed, be sure to use a new quick connector assembly, since it is an un reusable part.
- Be sure to store the disconnected connector and tube in vinyl bags so that those parts may not be exposed scratches and dirt.



6. Removal of fuel tank
 - (1) Remove the four set bolts.



INSTALLATION

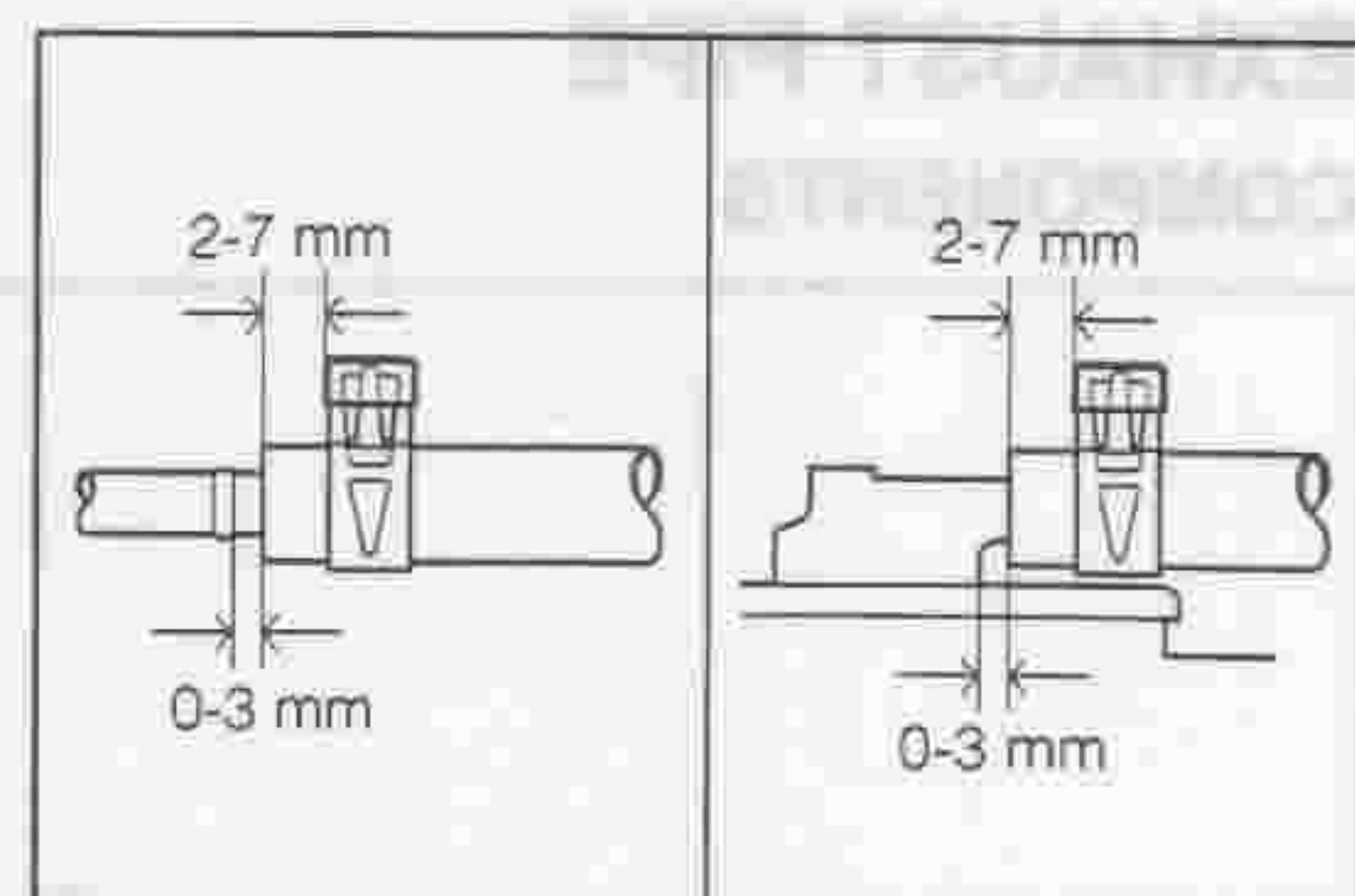
Reverse the removal procedure to perform the installation.

1. Install the fuel hose and tube.

- (1) Insert the hose securely and clamp it securely.

CAUTION:

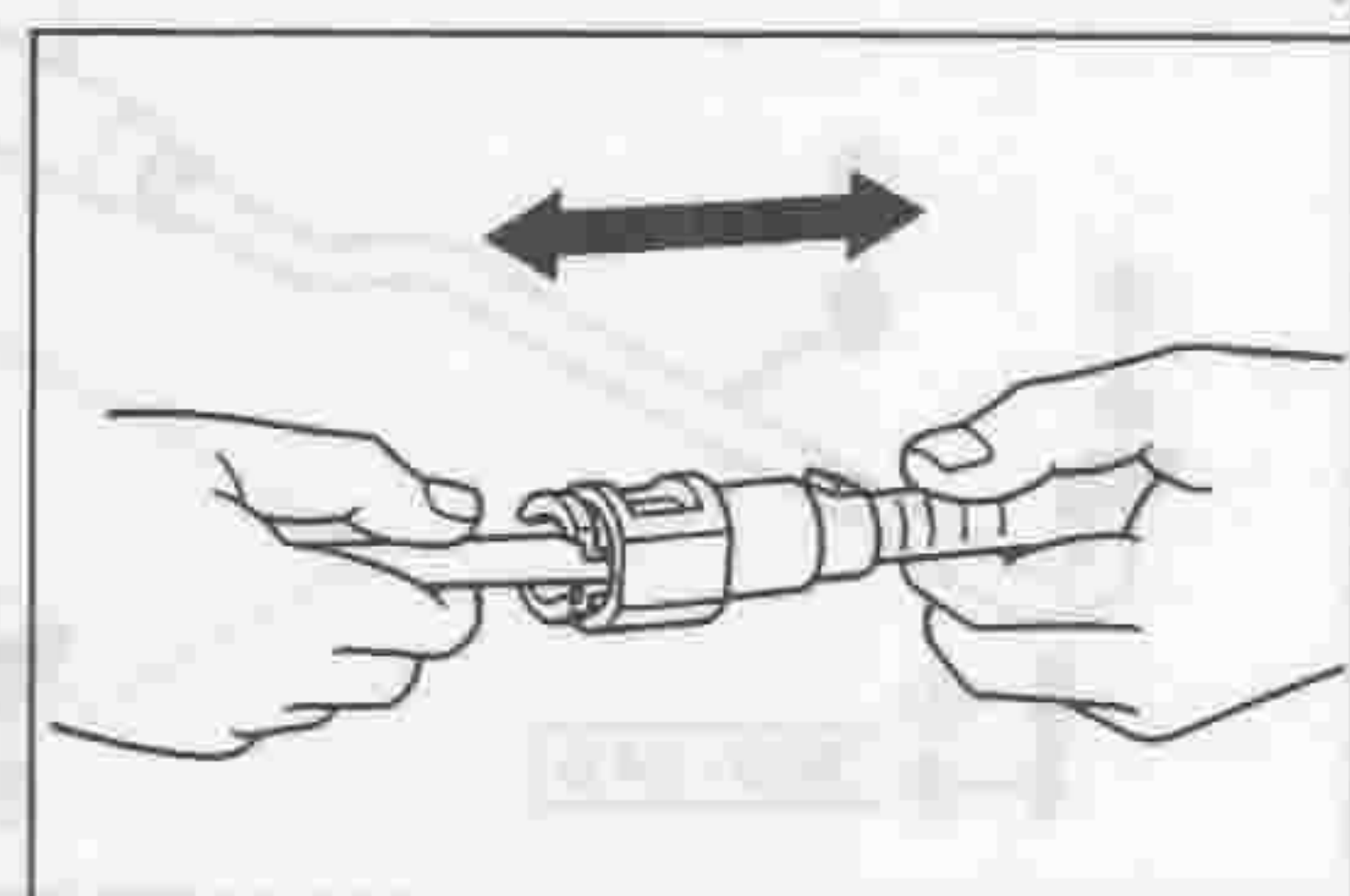
- Make sure that the tube connecting section exhibits no scratches or adhesion of foreign matters.



LBO00209-00196

2. Connection of connector

- (1) Align the tube with the connector, and insert it, until you hear a clicking sound.
- (2) After assembling, pull the tube from the connector and ensure that they are connected securely.



LBO00210-00197



CAUTION
Do not touch the fuel hose and tube with your hands. If you touch them, they may become contaminated with oil or dirt.

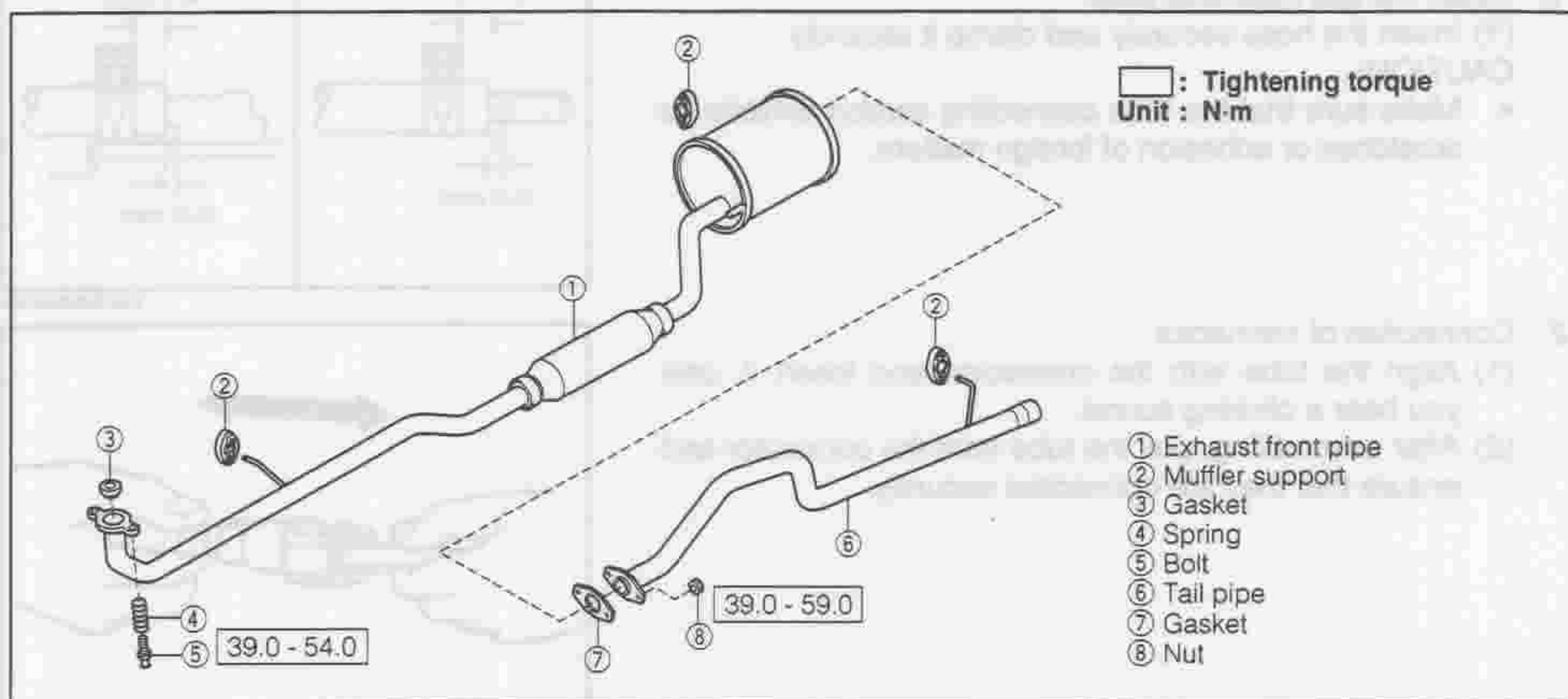
- (1) Remove the fuel hose and tube from the vehicle.
- (2) Remove the fuel hose and tube from the vehicle.

- (3) Remove the fuel hose and tube from the vehicle.
- (4) Remove the fuel hose and tube from the vehicle.

INSTALLATION
Reverse the removal procedure to perform the installation.

- (1) From the engine room, pull the fuel hose and tube.
- (2) From the engine room, pull the fuel hose and tube.

EXHAUST PIPE COMPONENTS



LBO00211-00198

REMOVAL

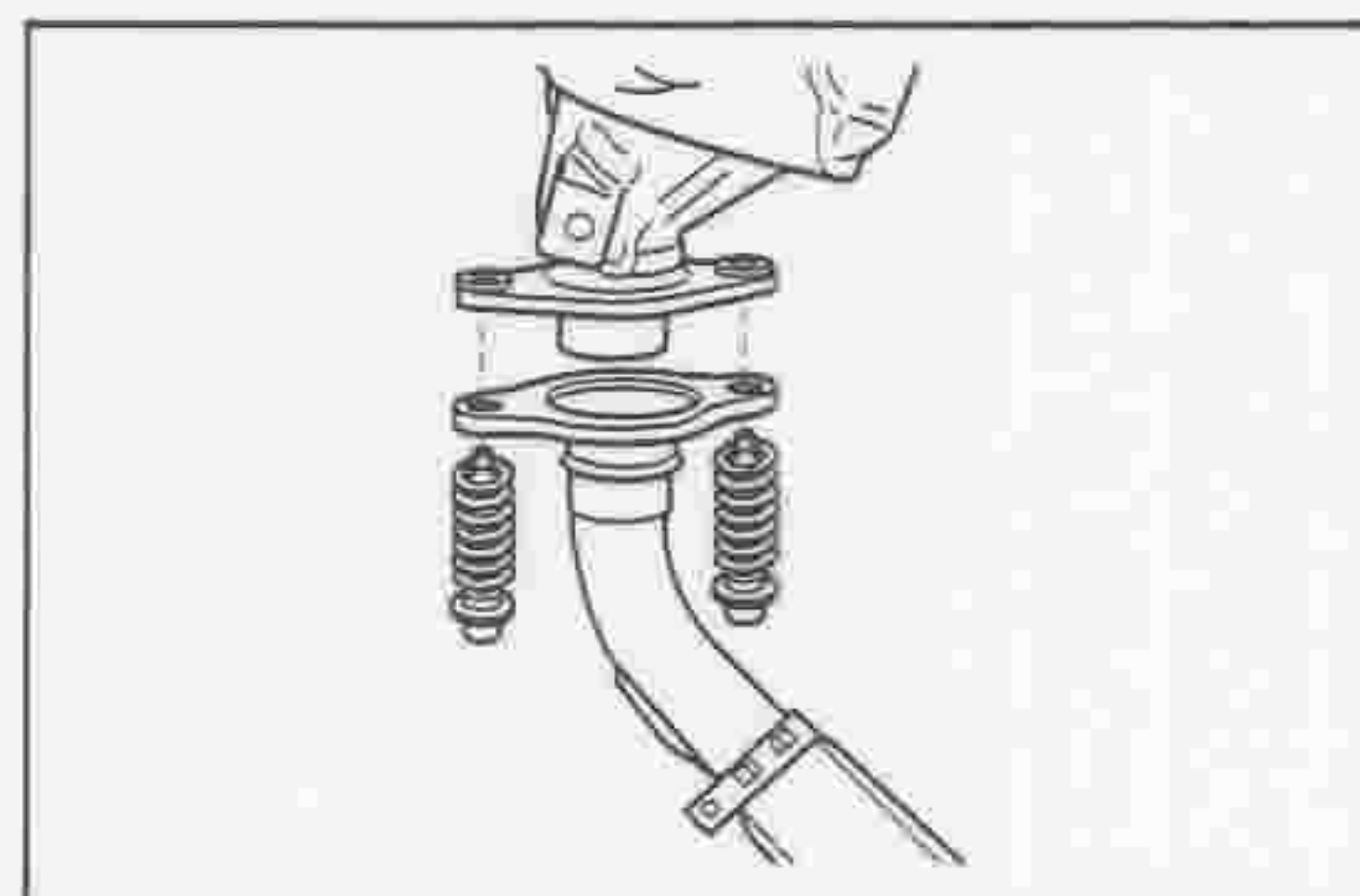
CAUTION:

- Start the operation after the exhaust pipe has fully cooled down.

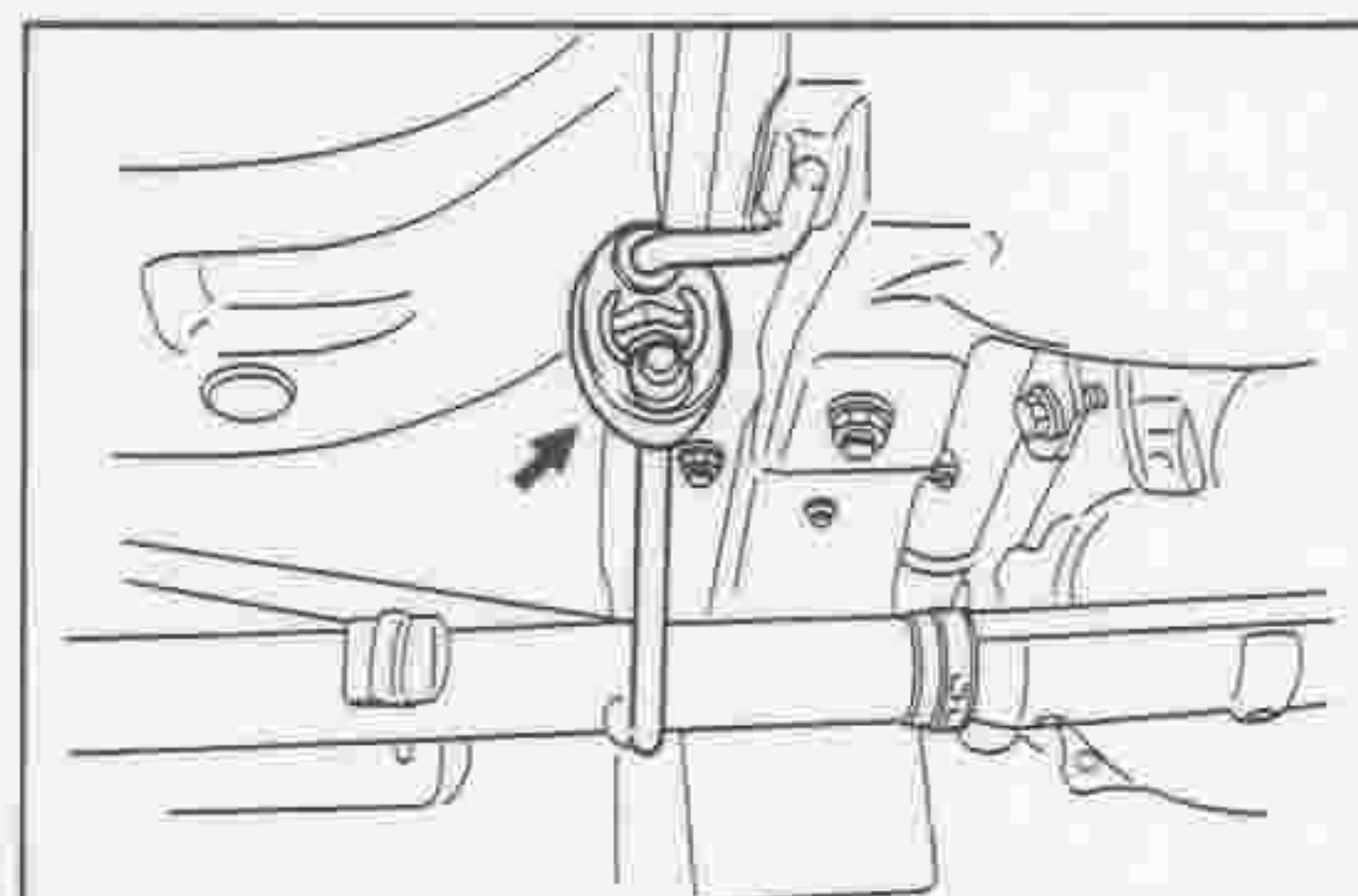
1. Removal of exhaust pipe

- Remove the two set bolts together with the tension spring.
- Remove the tail pipe from the front pipe.

- Remove the muffler from the muffler support.
- Remove the muffler assembly from the vehicle body.



LBO00212-00199



LBO00213-00200

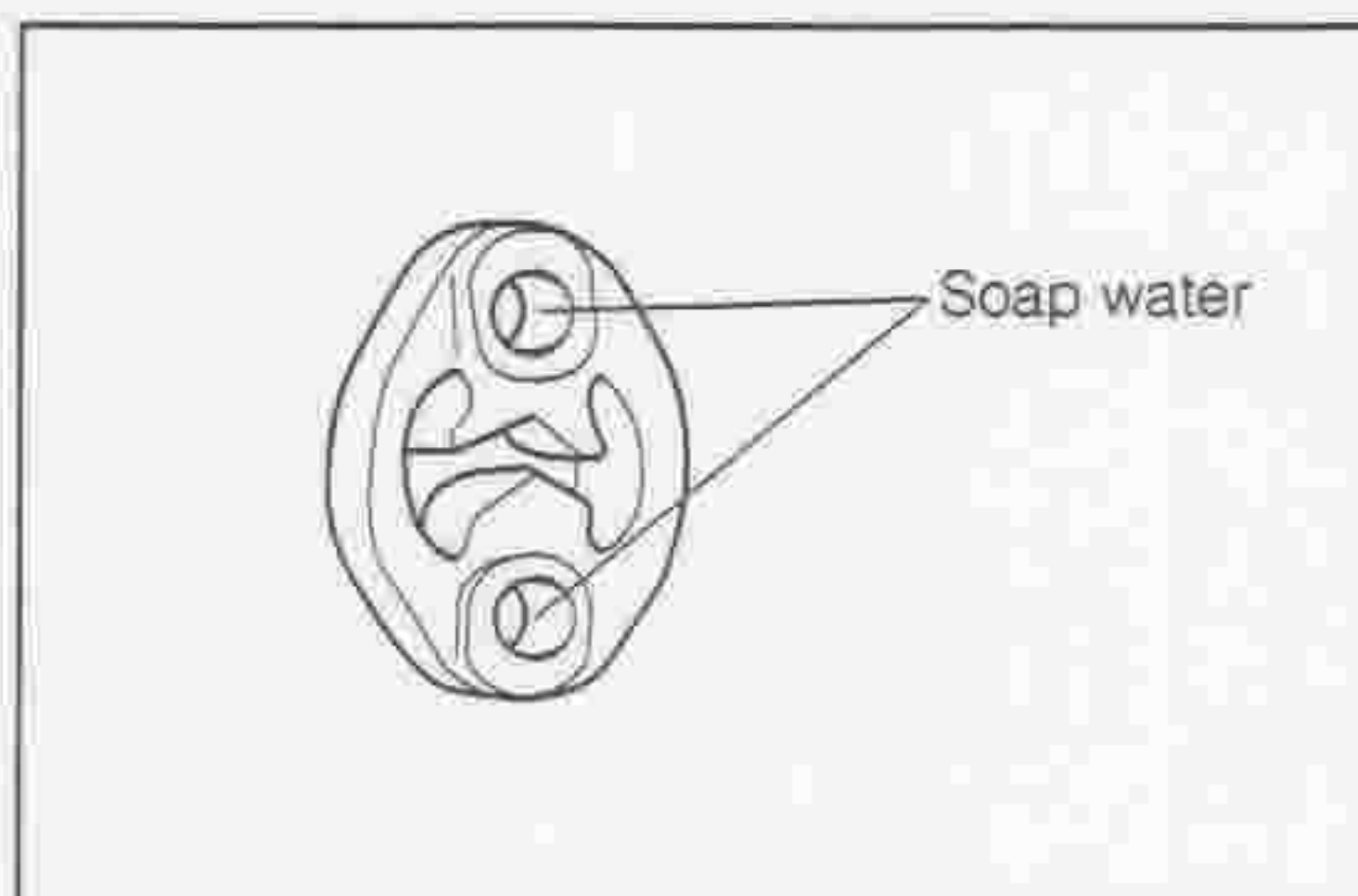
INSTALLATION

Reverse the removal procedure to perform the installation.

1. Install the exhaust pipe to the muffler support.

NOTE:

- For easier operation, you can apply soap water to the hook hole of the support.

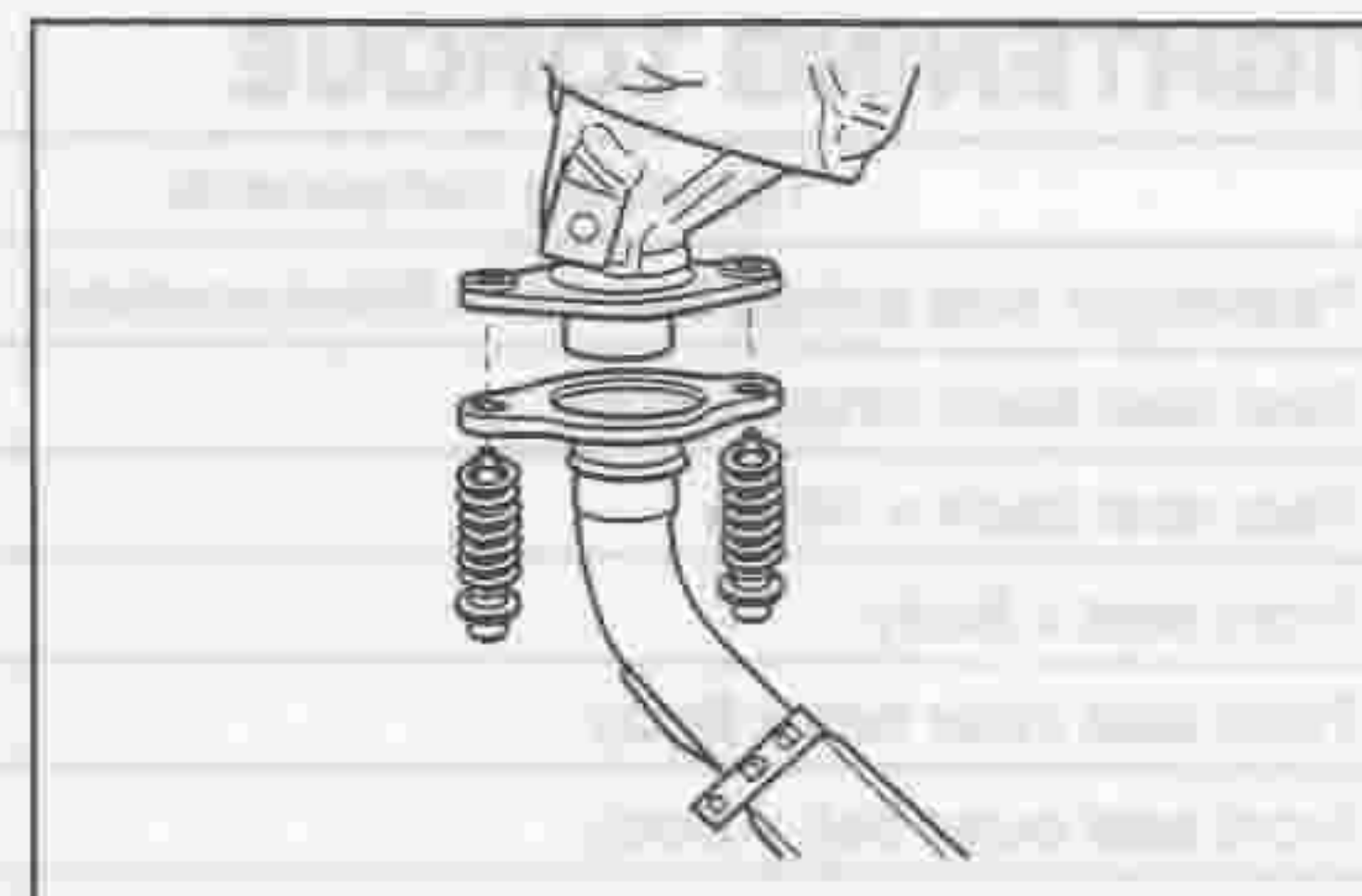


LBO00214-00201

2. Installation of exhaust pipe

- (1) Install the exhaust pipe to the manifold.

Tightening Torque: 40.0 - 54.0 N·m



LBO00215-00202

- (2) Install the tail pipe to the front pipe.

Tightening Torque: 40.0 - 59.0 N·m

LEO00216-00000

TIGHTENING TORQUE

Tightening components	N·m	kgf·m
Passenger side airbag bracket × Reinforcement	6.7 - 9.6	0.7 - 1.0
Rear seat back hinge × Body	9.8 - 15.6	1.0 - 1.6
Rear seat back × Hinge	14.7 - 23.5	1.5 - 2.4
Front seat × Body	25.5 - 30.0	2.6 - 3.0
Front seat inner belt × Body	28.0 - 53.0	2.9 - 5.4
Front seat outer belt × Body	28.0 - 53.0	2.9 - 5.4
Front seat belt retractor × Body	28.0 - 53.0	2.9 - 5.4
Rear seat belt retractor × Body	28.0 - 53.0	2.9 - 5.4
Rear seat inner belt × Body	28.0 - 53.0	2.9 - 5.4
Rear seat outer belt × Body	28.0 - 53.0	2.9 - 5.4
Rear seat belt outer anchor × Body	28.0 - 53.0	2.9 - 5.4
Rear seat belt inner anchor × Body	28.0 - 53.0	2.9 - 5.4
Exhaust manifold × Exhaust front pipe	39.0 - 54.0	4.0 - 5.5
Exhaust front pipe × Exhaust tail pipe	39.0 - 59.0	4.0 - 6.0
Fuel tank × Body	17.0 - 22.0	1.7 - 2.2
Fuel tank × Drain plug	3.0 - 10.0	0.3 - 1.0

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Tightening torque determination procedure for general standard bolts and nuts

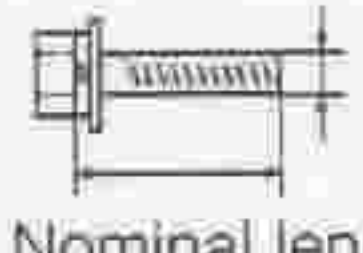
1. Tightening torque determination procedure for bolts
Determine the strength division of the bolt concerned from the table below. Then, locate the tightening torque in the tightening torque table.
2. Tightening torque determination procedure for nuts
Determine the tightening torque in the same way as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

Identification of strength division by checking bolts themselves

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	 	—

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Identification by part number

Hexagonal bolt	
An example of part number	9 1 1 1 1 - 4 0 6 2 0
	Nominal length (mm) Nominal diameter (mm) Strength division
	

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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)	—

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