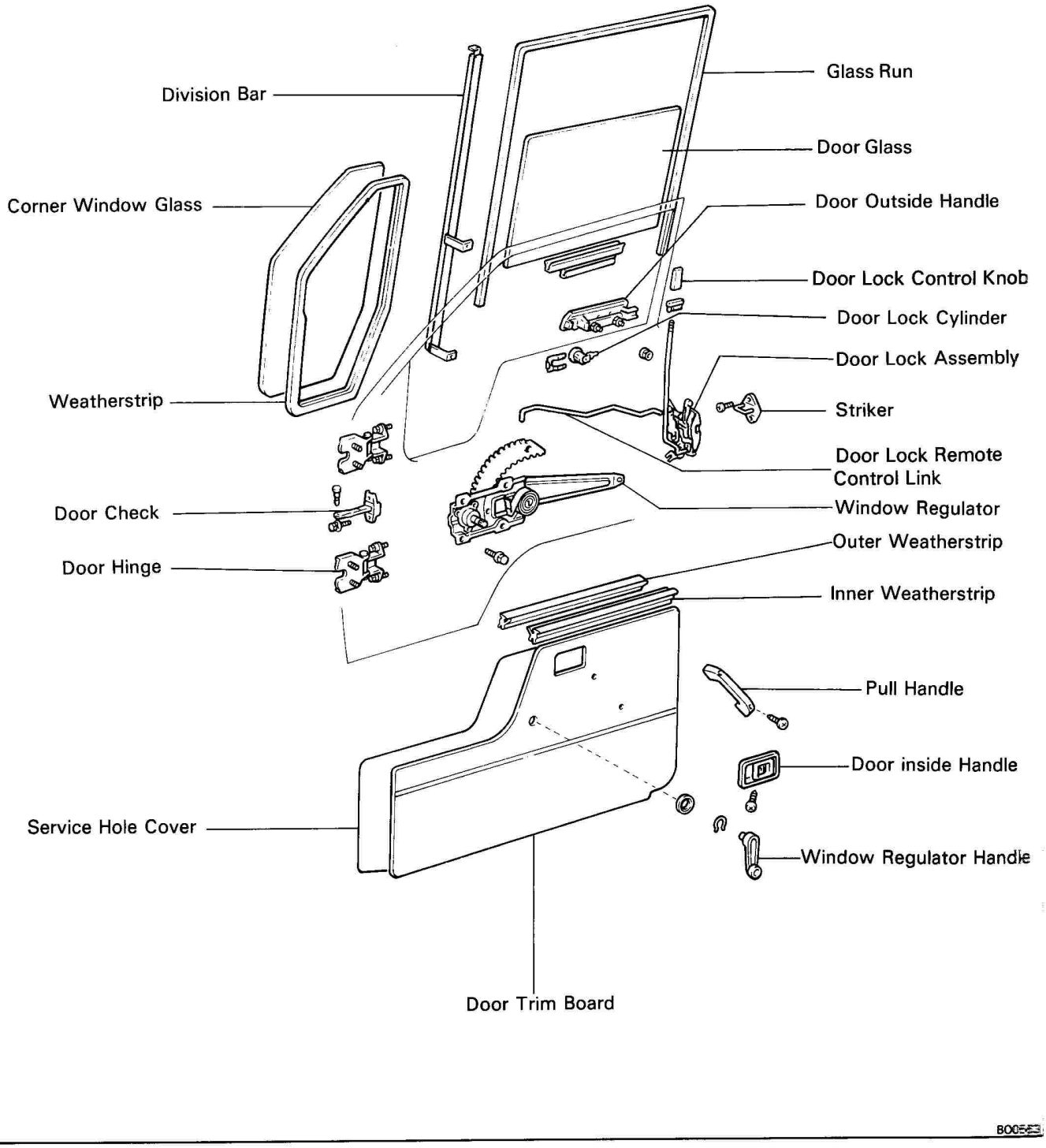
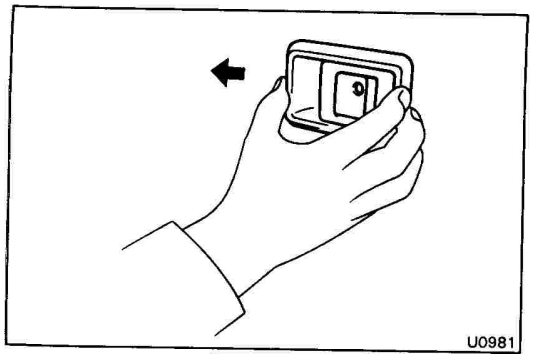
BODY

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SLIDE DOOR (Van and Bus)	BO-17
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FRONT DOOR

COMPONENTS





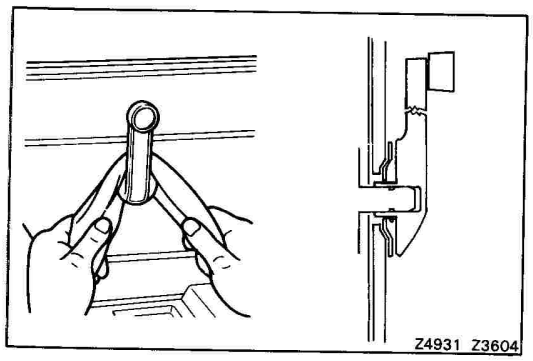
DISASSEMBLY OF DOOR

(See page BO-2)

1. REMOVE DOOR INSIDE HANDLE

(a) Remove the screw and slide the door inside handle toward the front.

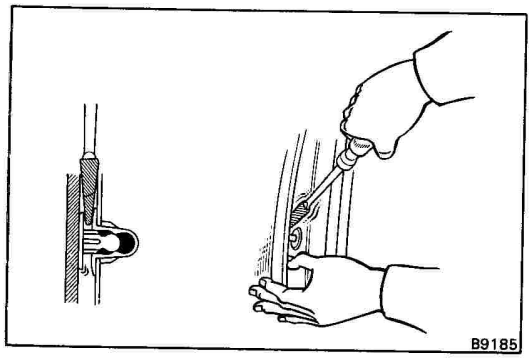
(b) Disconnect the door inside handle from the control link and remove it.



2. REMOVE WINDOW REGULATOR HANDLE

Pull off the snap ring with a cloth and remove the regulator handle.

3. REMOVE PULL HANDLE



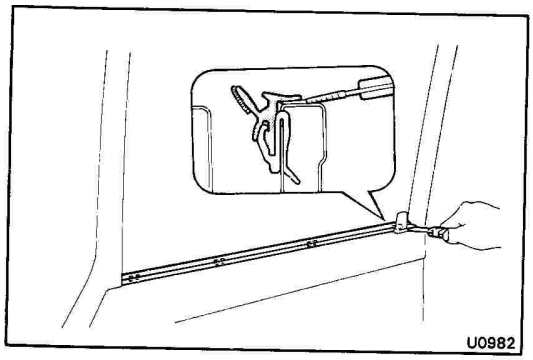
4. REMOVE DOOR TRIM

Insert a screwdriver between the retainers and the door panel to pry it loose.

NOTE: Tape the screwdriver tip before use.

5. REMOVE SERVICE HOLE COVER

6. REMOVE DOOR LOCK REMOTE CONTROL LINK



7. REMOVE INNER AND OUTER WEATHERSTRIP

(a) Using a scraper, pry up the inner weatherstrip and remove it with the four clips.

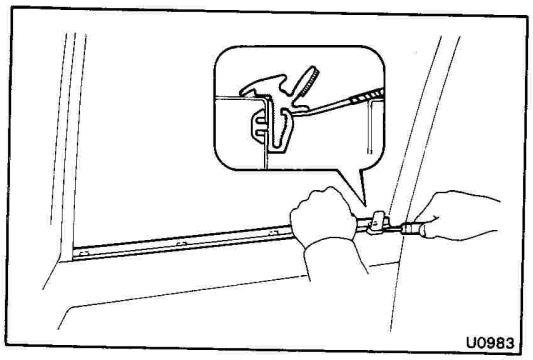
NOTE:
1. Tape a scraper tip before use.
2. Be careful not to damage the clip and body.

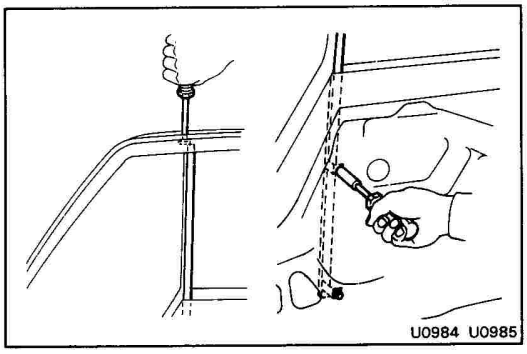
(b) Using a scraper, pry loose the clow of the clip from the outer weatherstrip and remove the outer weatherstrip.

NOTE:
1. Tape a scraper tip before use.
2. Be careful not to damage the clip and body.

(c) Turn the clip to 90° and remove it.

NOTE: Do not drop the clip.



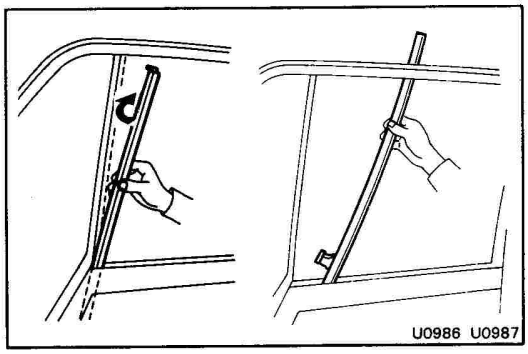


8. REMOVE DIVISION BAR

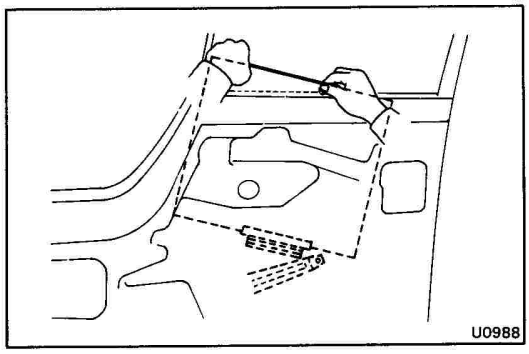
(a) Remove the upper set screw.

(b) Remove the two set bolts from the panel.

(c) Remove the glass run from the division bar.



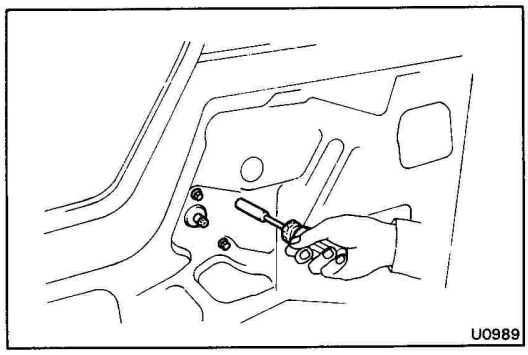
(d) Remove the division bar from the glass by turning and pulling it upward.



9. REMOVE DOOR GLASS

(a) Remove the door glass from the regulator by turning it upward.

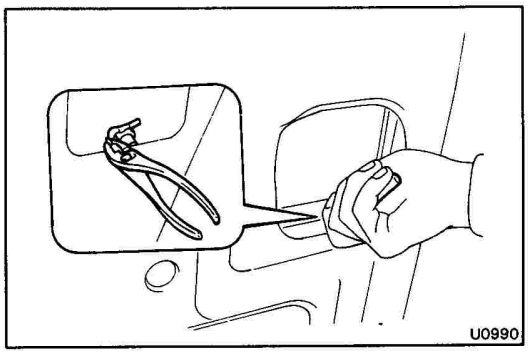
(b) Remove the door glass by pulling upward.



10. REMOVE WINDOW REGULATOR

(a) Remove the three mounting bolts.

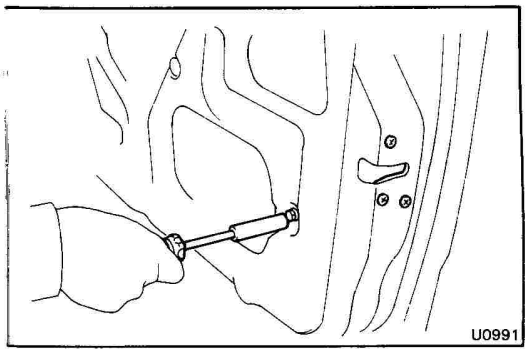
(b) Remove the regulator through the service hole.



11. REMOVE DOOR LOCK CYLINDER

(a) Remove the clamp with a pliers.

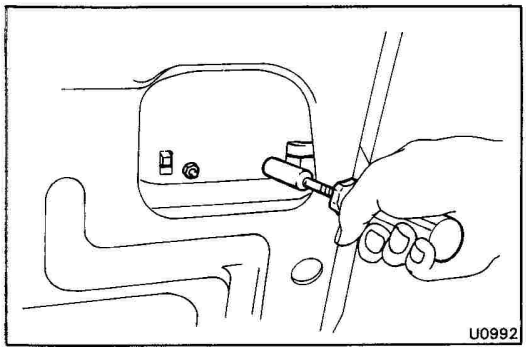
(b) Remove the lock cylinder.



12. REMOVE DOOR LOCK ASSEMBLY

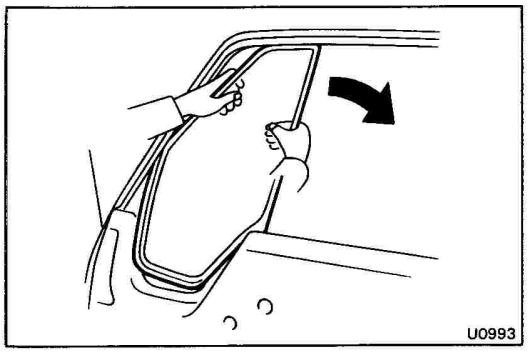
(a) Remove the three screws and door lock assembly.

(b) Remove the door lock control knob.



13. REMOVE DOOR OUTSIDE HANDLE

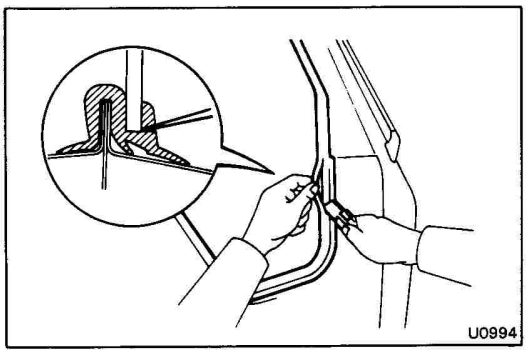
Remove the two bolts and outside handle.



14. REMOVE CORNER WINDOW

If reusing the weatherstrip:

Turn the corner window out from the back and remove with the weatherstrip still on.

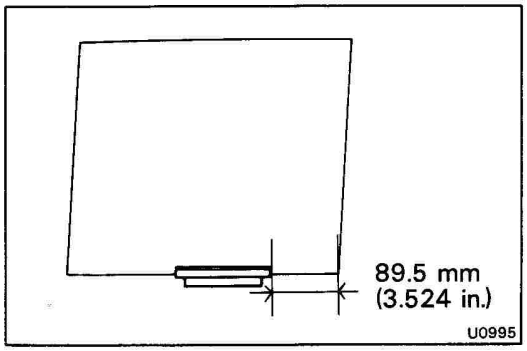


If not reusing the weatherstrip:

(a) From the outside, cut off the weatherstrip lip with a knife.

(b) From the vehicle interior, push the glass with an even force and remove it.

(c) Remove the weatherstrip.

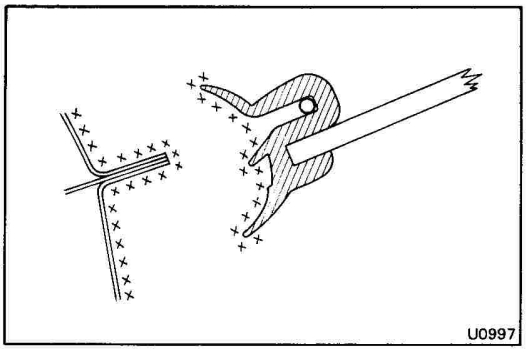


REPLACEMENT OF GLASS

1. REMOVE GLASS CHANNEL WITH SCREWDRIVER OR SUCH

2. APPLY SOAPY WATER TO INSIDE OF WEATHERSTRIP

3. INSTALL CHANNEL BY TAPPING IT WITH PLASTIC HAMMER



ASSEMBLY OF DOOR

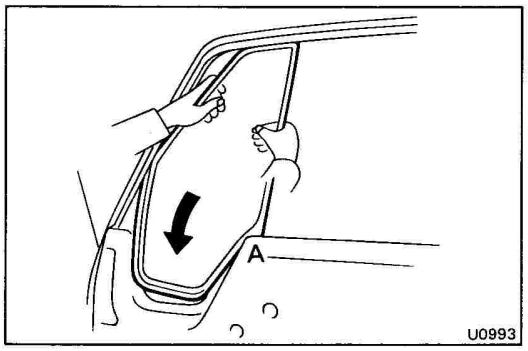
(See page BO-2)

1. INSTALL CORNER WINDOW

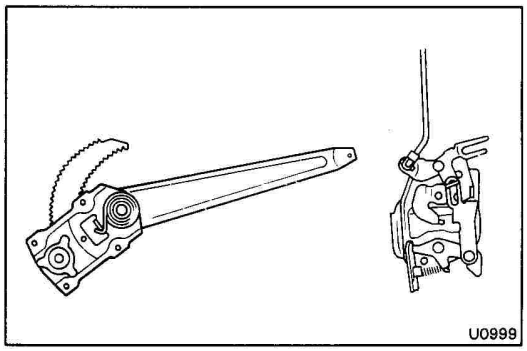
(a) Attach the weatherstrip to the glass.

CAUTION: If the weatherstrip has hardened, it may develop water leaks. Use a new one if possible.

(b) Apply soapy water to the contact face of the weatherstrip lip and to the body flange.



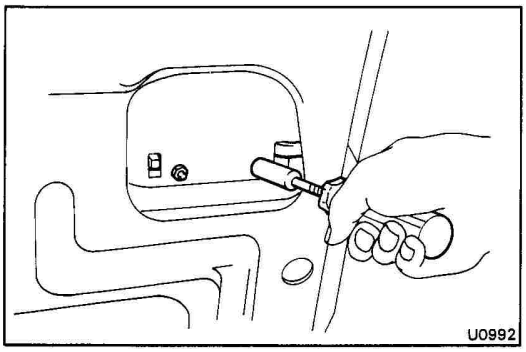
(c) Using "A" as a fulcrum point, rotate the corner window into place and install.



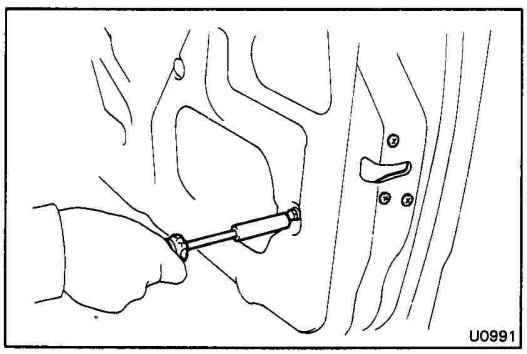
2. BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE

(a) Coat the sliding surface, spring and gears of the window regulator with MP grease.

(b) Coat the sliding surface of the door lock with MP grease.



3. INSTALL DOOR OUTSIDE HANDLE



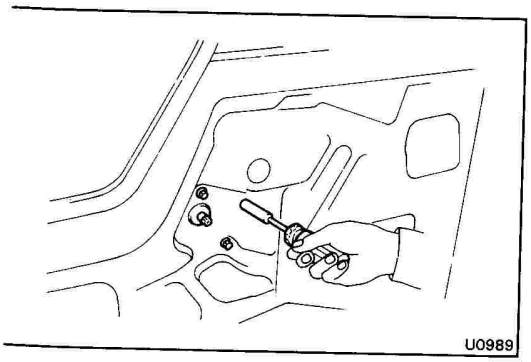
4. INSTALL DOOR LOCK ASSEMBLY

(a) Install the door lock control knob to the door lock assembly.

(b) Place the door lock assembly through the service hole.

(c) Tighten the three screws.

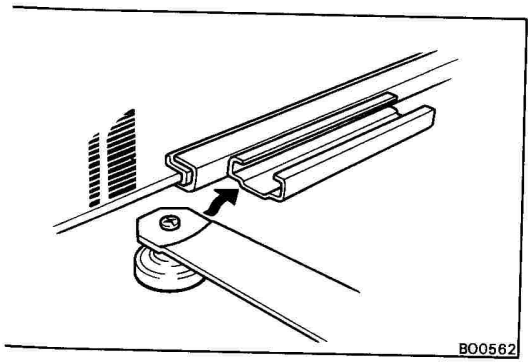
5. INSTALL DOOR LOCK CYLINDER



6. INSTALL WINDOW REGULATOR

(a) Place the regulator through the service hole.

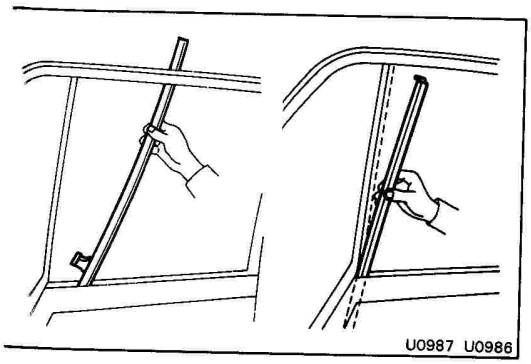
(b) Tighten the three bolts.



7. INSTALL DOOR GLASS

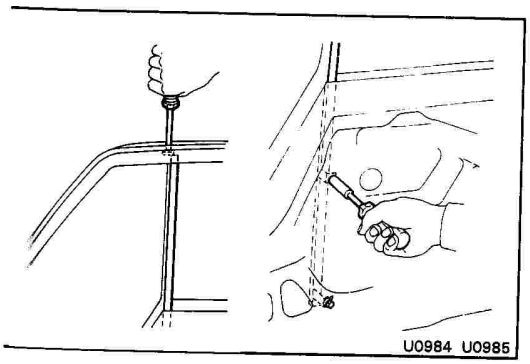
(a) Place the glass in the door cavity.

(b) Install the glass to the regulator.



8. INSTALL DIVISION BAR

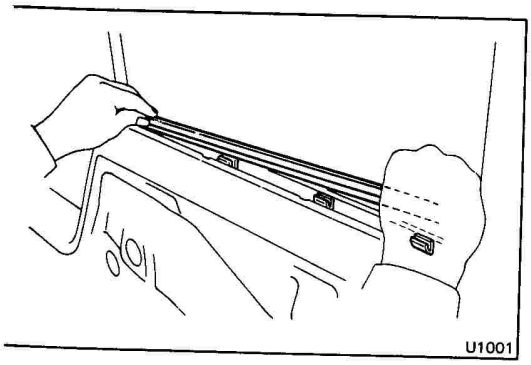
(a) Place the division bar in the door.



(b) Install a upper screw and two bolts.

(c) Install the glass run into the division bar.

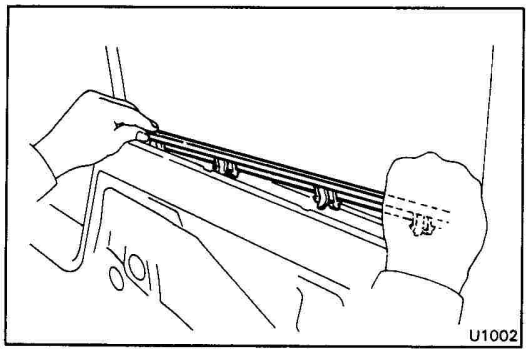
NOTE: Apply soapy water to the glass run.



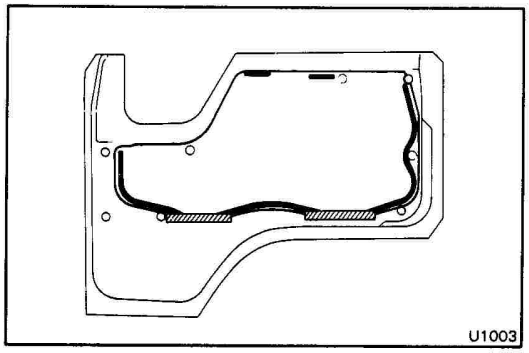
9. INSTALL INNER AND OUTER WEATHERSTRIP

(a) Install the four clips to the door panel.

(b) Install the outer weatherstrip.



(c) Install the four clips to the inner weatherstrip.
(d) Install the weatherstrip to the door panel.

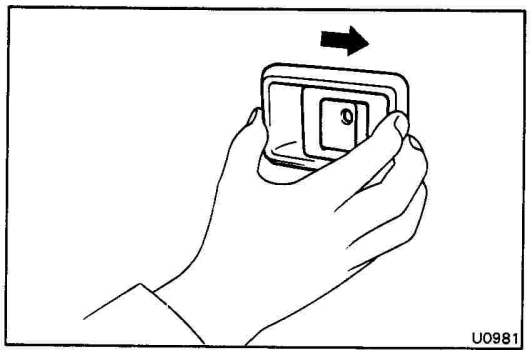


10. INSTALL SERVICE HOLE COVER

(a) Seal the service hole cover with adhesive.
(b) Insert the lower edge of the service hole cover into the panel slit.
(c) Seal the panel slit with cotton tape.

CAUTION: Do not block the trim clip seating with the tape.

NOTE: Install the service hole cover rear side after installing the door lock remote control link.

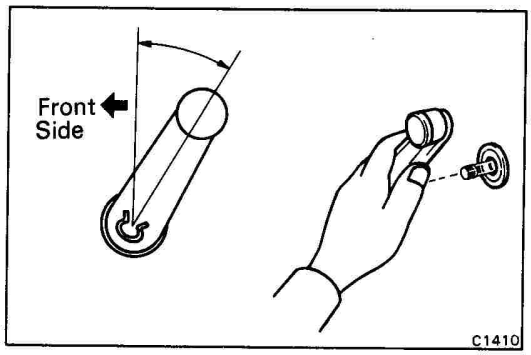


11. INSTALL DOOR LOCK REMOTE CONTROL LINK

12. INSTALL DOOR TRIM

13. INSTALL DOOR INSIDE HANDLE

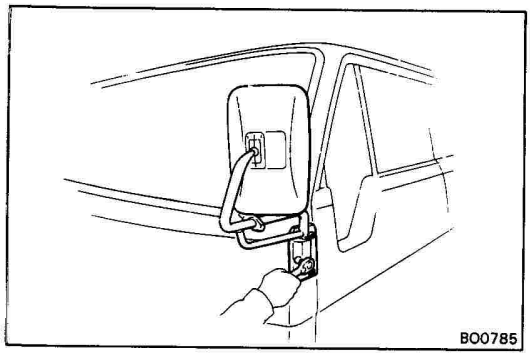
(a) Connect the control link.
(b) Install the handle.



14. INSTALL WINDOW REGULATOR HANDLE

With door window fully closed, install the window regulator handle with a snap ring as shown.

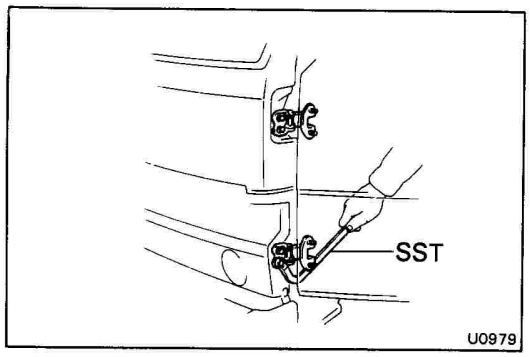
15. INSTALL PULL HANDLE



ADJUSTMENT OF DOOR

1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

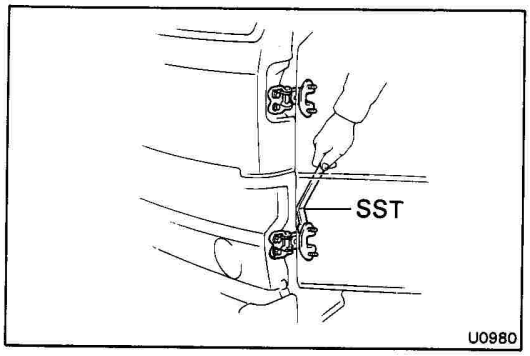
(a) Remove the outer view mirror.



(b) Using SST, adjust the door by loosening the body side hinge bolts.

SST 09812-00010

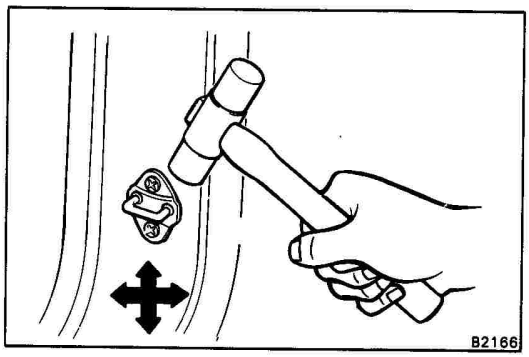
(c) Install the outer view mirror.



2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Using SST, adjust the door by loosening the door side hinge bolts.

SST 09812-00010



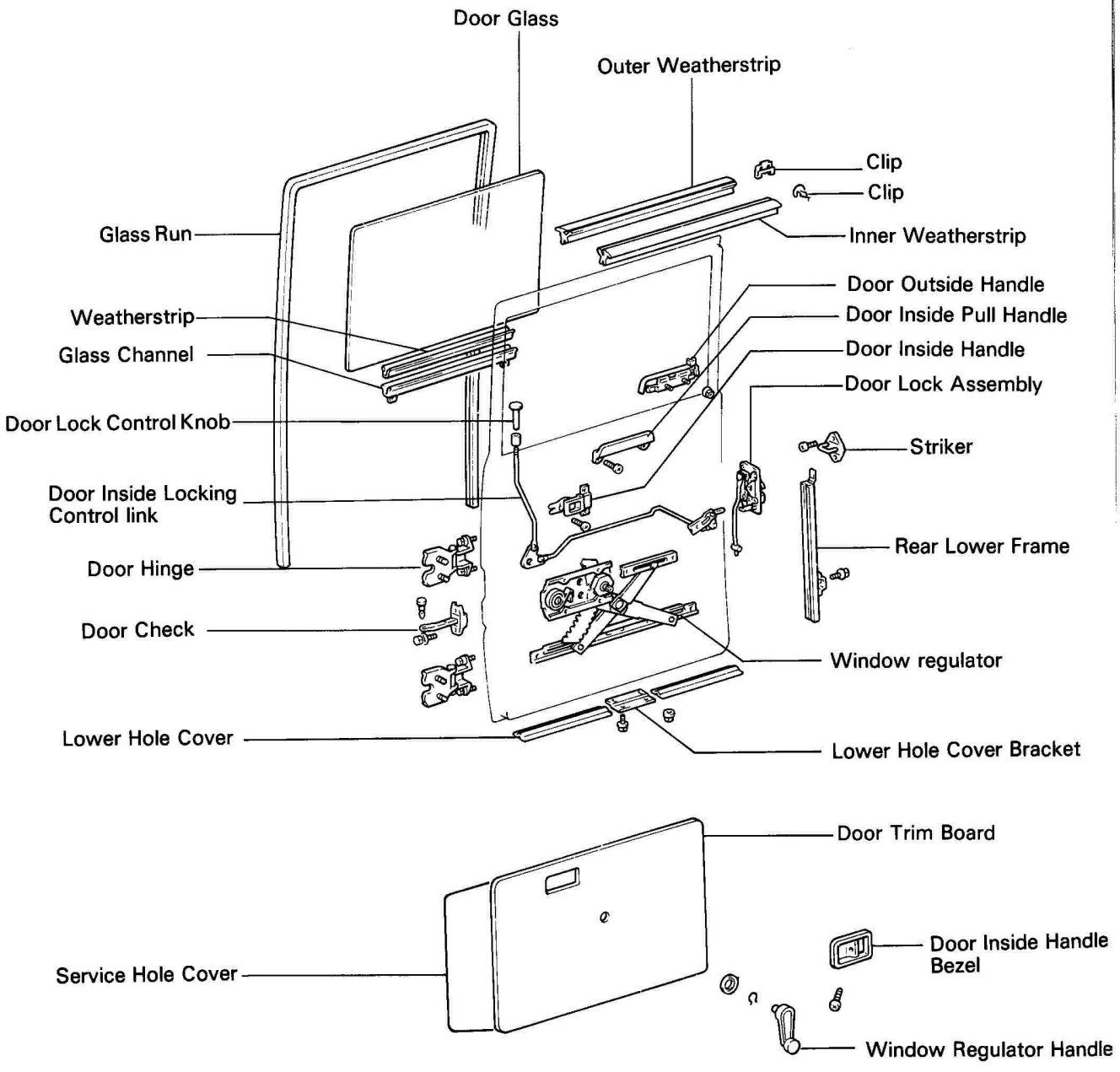
3. ADJUST DOOR LOCK STRIKER

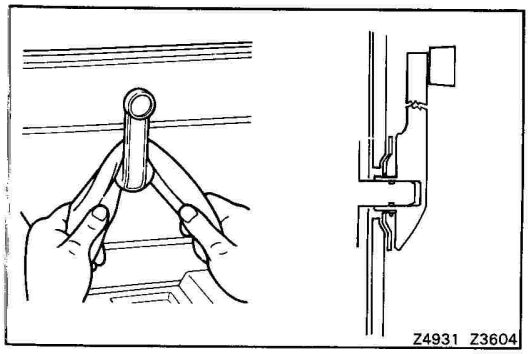
(a) Check that the door fit and door lock linkages are adjusted correctly.

(b) Adjust the striker by loosening the striker mounting screws and tapping on it with a plastic hammer.

REAR DOOR (Double Cab)

COMPONENTS





DISASSEMBLY OF REAR DOOR

(See page BO-10)

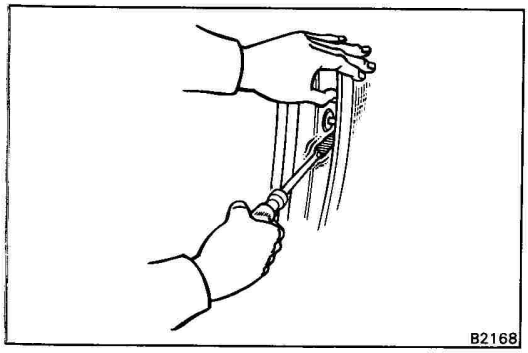
1. REMOVE FOLLOWING PARTS:

(a) Door inside handle bezel

(b) Inside pull handle

2. REMOVE WINDOW REGULATOR HANDLE

Pull off the snap ring with a cloth and remove the regulator handle.

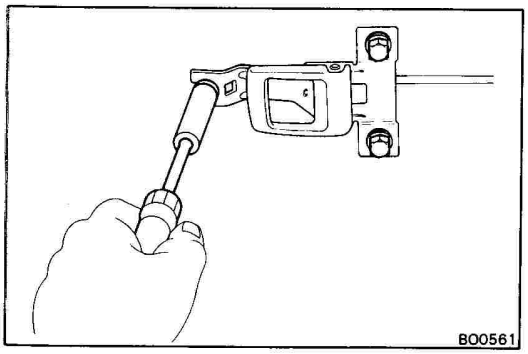


3. REMOVE DOOR TRIM

Insert a screwdriver between the retainers and the door panel to pry it loose.

NOTE: Tape the screwdriver tip before use.

4. REMOVE SERVICE HOLE COVER

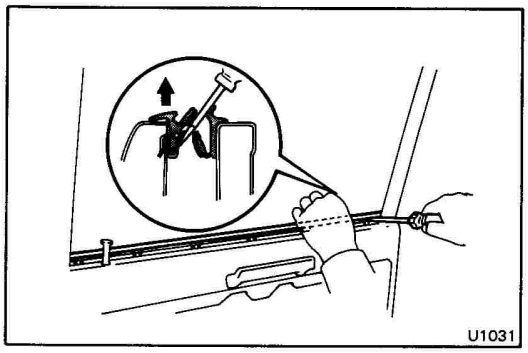


5. REMOVE DOOR INSIDE HANDLE

(a) Remove the three screws, and the inside handle.

(b) Disconnect the control link from the handle.

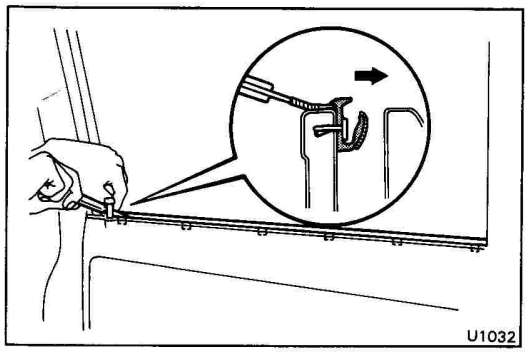
6. REMOVE DOOR GLASS RUN



7. REMOVE INNER AND OUTER WEATHERSTRIP

(a) Using a screwdriver, pry up the clip, and remove the outer weatherstrip with the six clips.

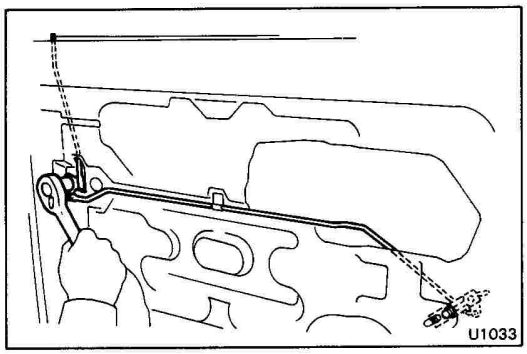
NOTE: Be careful not to damage the clip.



(b) Using a scraper, push the inner weatherstrip to outside and remove it with the six clips.

NOTE:

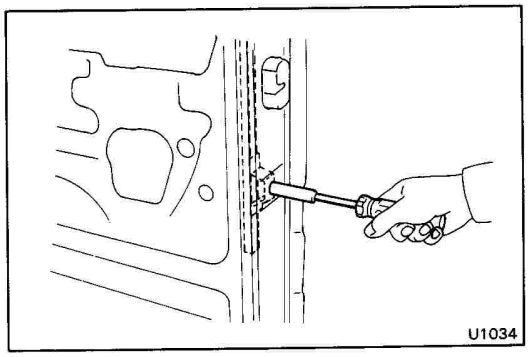
1. Take a scraper tip before use.
2. Be careful not to damage the inner weatherstrip and body.



8. REMOVE DOOR INSIDE LOCKING CONTROL LINK

(a) Remove the door lock control knob.

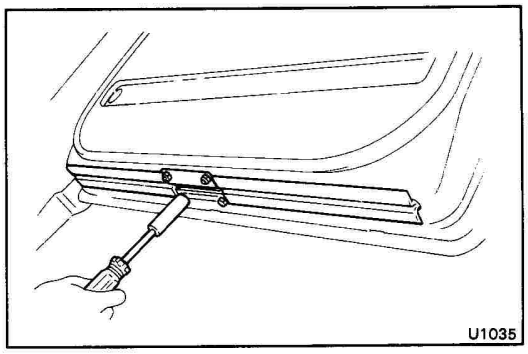
(b) Remove the two mounting screws and the control link.



9. REMOVE REAR LOWER FRAME

(a) Remove the mounting bolt.

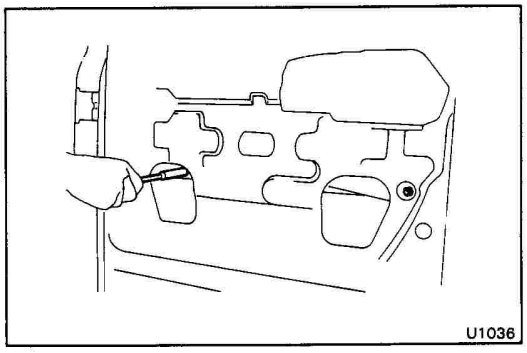
(b) Remove the frame through the service hole.



10. REMOVE LOWER HOLE COVER

(a) Remove the two bolts, two nuts and the bracket.

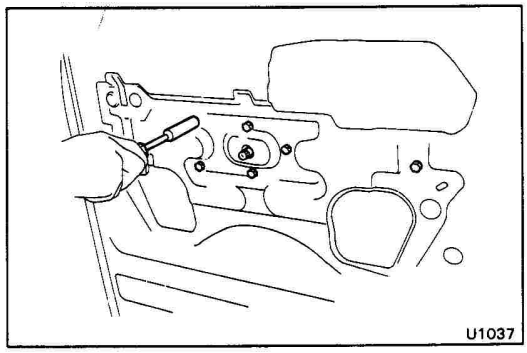
(b) Remove the lower hole cover.



11. REMOVE DOOR GLASS

(a) Remove the two glass channel mounting bolts.

(b) Pull out the door glass from the lower hole.

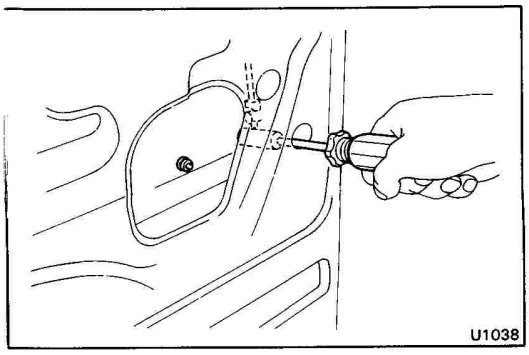


12. REMOVE WINDOW REGULATOR

(a) Remove the four regulator mounting bolts.

(b) Remove the two equalizer arm bracket mounting bolts.

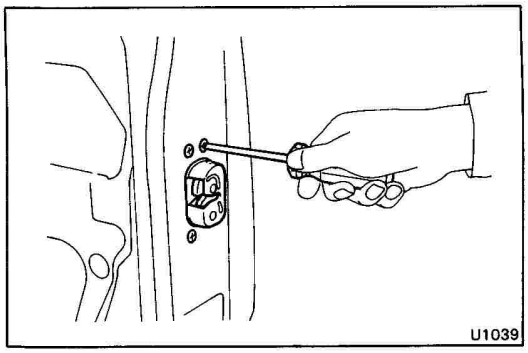
(c) Remove the regulator through the service hole.



13. REMOVE DOOR OUTSIDE HANDLE

(a) Remove the control link from the handle.

(b) Remove the two nuts and handle.



14. REMOVE DOOR LOCK ASSEMBLY

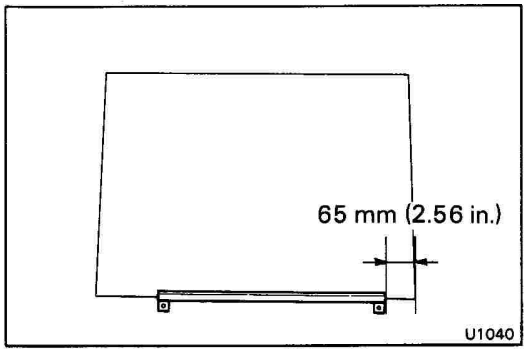
Remove the three screws and door lock assembly.

REPLACEMENT OF GLASS

1. REMOVE GLASS CHANNEL WITH SCREWDRIVER OR SUCH

2. APPLY SOAPY WATER TO INSIDE OF WEATHERSTRIP

3. INSTALL CHANNEL BY TAPPING IT WITH PLASTIC HAMMER



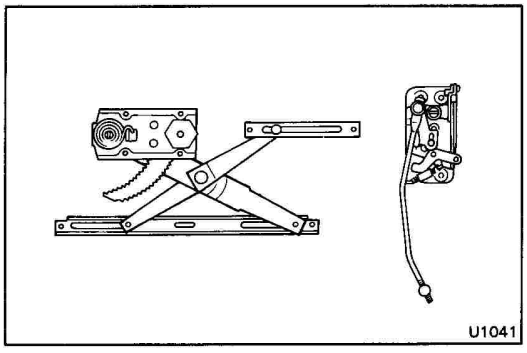
ASSEMBLY OF REAR DOOR

(See page BO-10)

1. BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE

(a) Coat the sliding surface, spring and gears of the window regulator with MP grease.

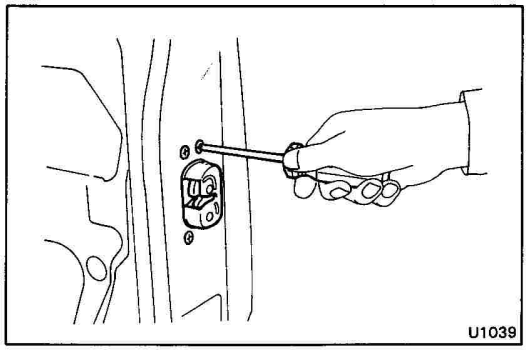
(b) Coat the sliding surface of the door lock with MP grease.

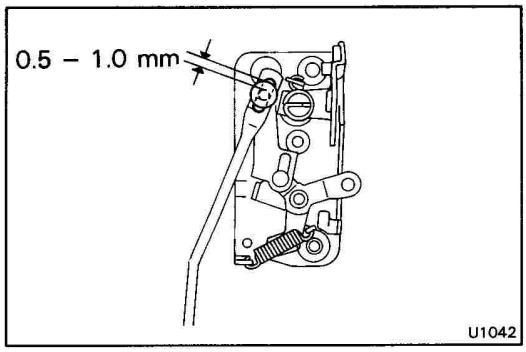


2. INSTALL DOOR LOCK ASSEMBLY

(a) Place the door lock assembly through the service hole.

(b) Tighten the three screws.



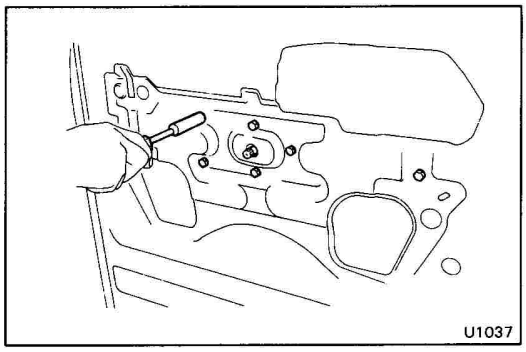


3. INSTALL DOOR OUTSIDE HANDLE

(a) Install the outside handle.

(b) Raise the control link 0.5 – 1.0 mm (0.020 – 0.039 in.) from the rest position.

(c) Fit the pin into the hole by turning the adjuster.

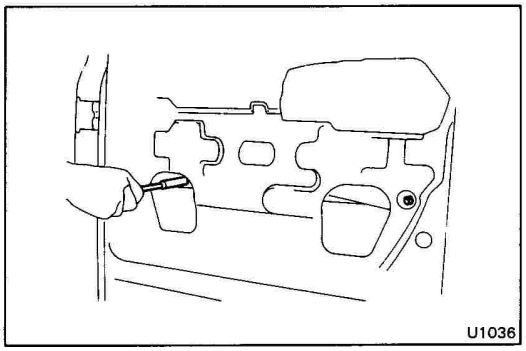


4. INSTALL WINDOW REGULATOR

(a) Place the regulator through the service hole.

(b) Install the two equalizer arm bracket mounting bolts.

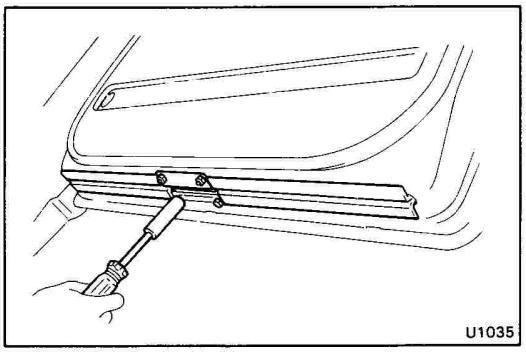
(c) Install the four regulator mounting bolts.



5. INSTALL DOOR GLASS

(a) Place the door glass through the lower hole.

(b) Install the door glass to the regulator with the two mounting bolts.

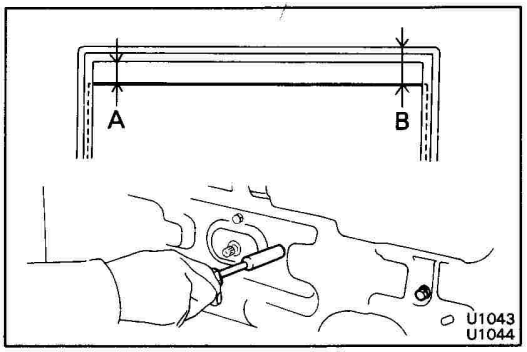


6. INSTALL LOWER HOLE COVER

(a) Install the lower hole cover to the door lower side.

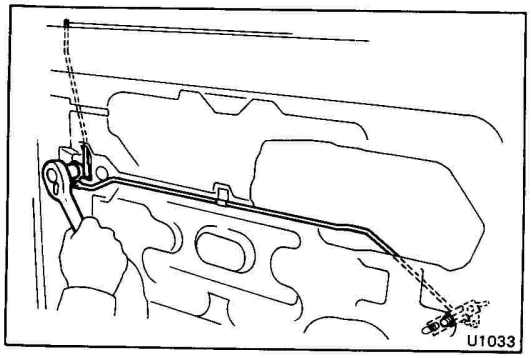
(b) Install the bracket and tighten the two bolts and nuts.

7. INSTALL REAR LOWER FRAME



8. ADJUST DOOR GLASS

Adjust the equalizer arm up or down and tighten it where dimensions A and B, as shown, are equal.



9. INSTALL DOOR INSIDE LOCKING CONTROL LINK

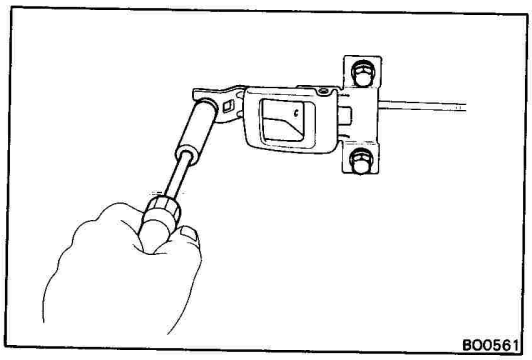
(a) Install the door lock control knob to the control link.

(b) Install the control link and tighten the two mounting bolts.

(c) Adjust bolt A for smooth locking and unlocking.

10. INSTALL INNER AND OUTER WEATHERSTRIP

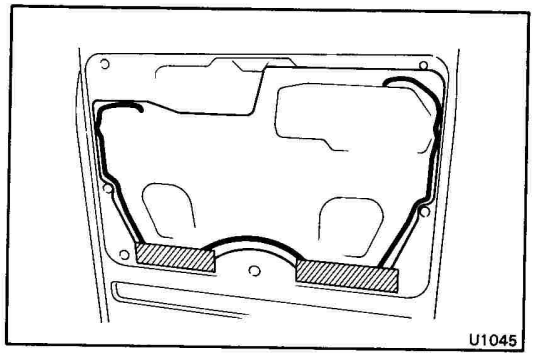
11. INSTALL GLASS RUN



12. INSTALL DOOR INSIDE HANDLE

(a) Connect the control link to the inside handle.

(b) Install the inside handle with the three screws.



13. INSTALL SERVICE HOLE COVER

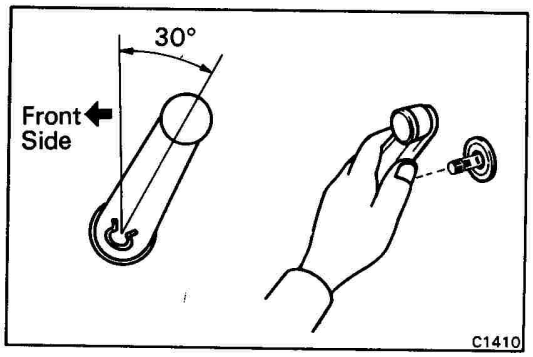
(a) Seal the service hole cover with adhesive.

(b) Insert the lower edge of the service hole cover into the panel slit.

(c) Seal the panel slit cotton tape.

CAUTION: Do not block the trim clip seating with the tape.

14. INSTALL DOOR TRIM



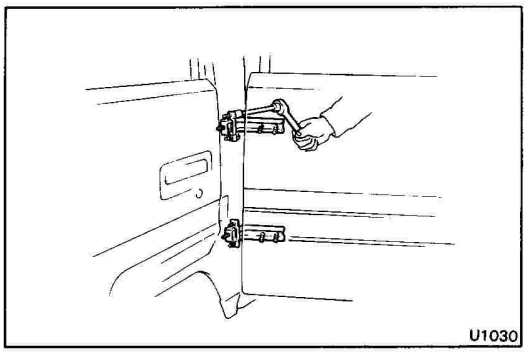
15. INSTALL WINDOW REGULATOR HANDLE

With the door window fully closed, install the window regulator handle with the snap ring as shown.

16. INSTALL FOLLOWING PARTS:

(a) Inside pull handle

(b) Door inside handle bezel



ADJUSTMENT OF REAR DOOR

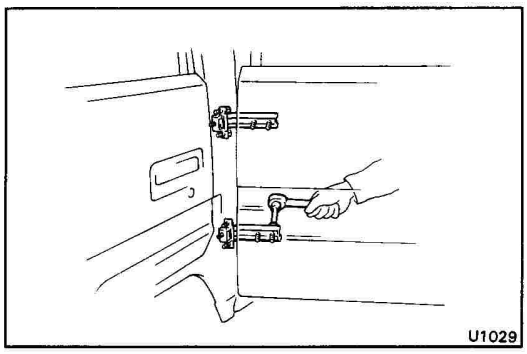
1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Loosen the body side hinge bolts.

2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

(a) Remove the following parts:
(See page BO-10)

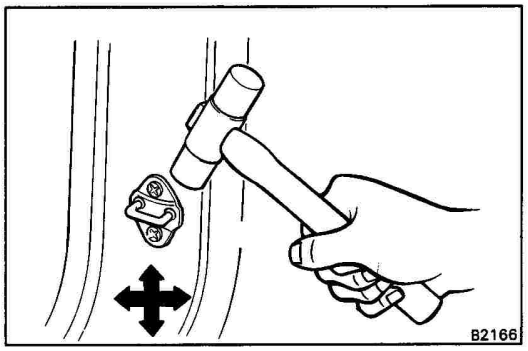
- Inside handle bezel
- Window regulator handle
- Door trim board
- Service hole cover



(b) Loosen the door side hinge bolts to adjust.

(c) Install the following parts:
(See page BO-15)

- Service hole cover
- Door trim board
- Window regulator handle
- Inside handle bezel



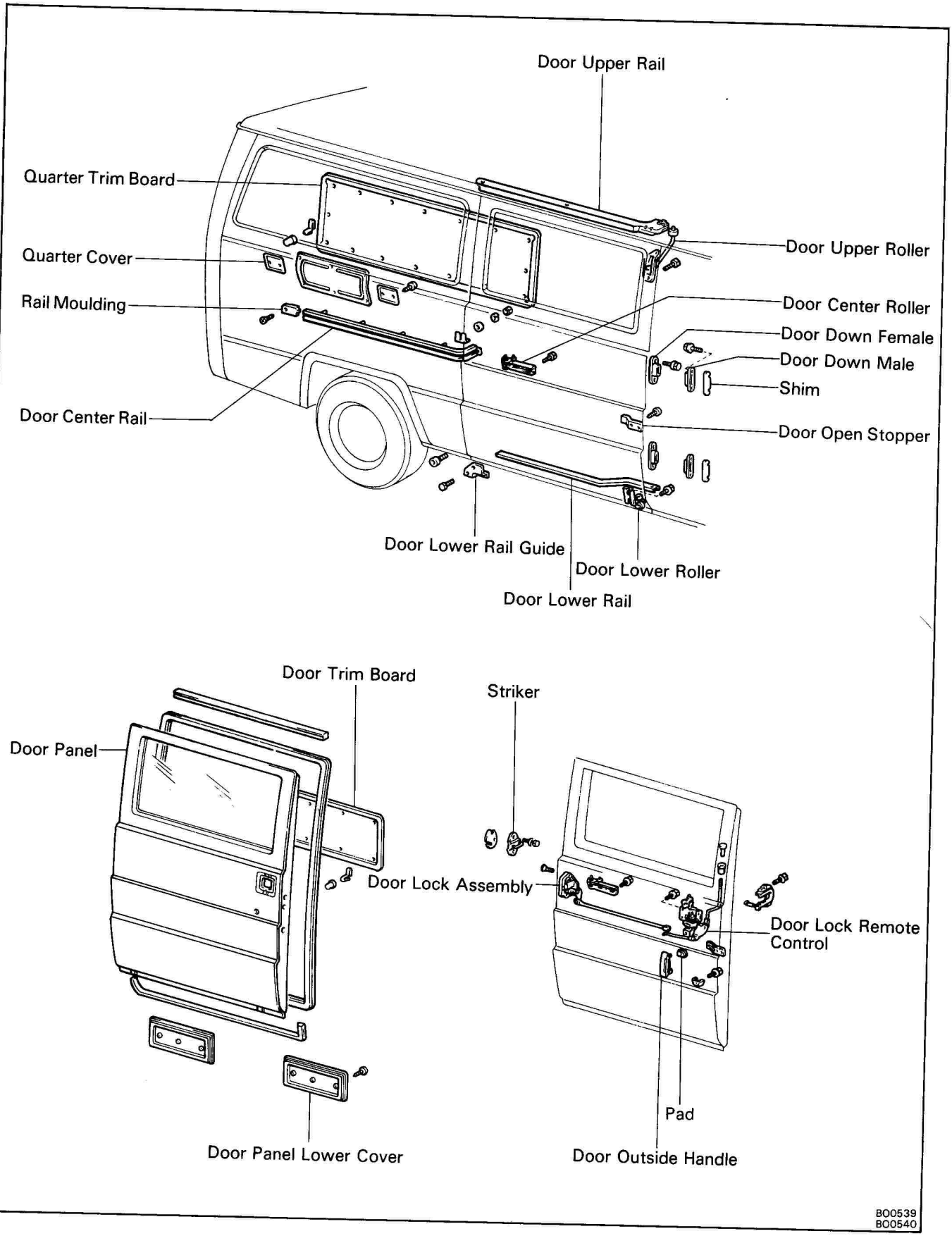
3. ADJUST DOOR LOCK STRIKER

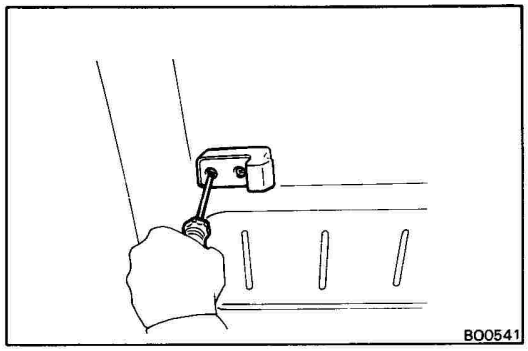
(a) Check that the door fit and door lock linkages are adjusted correctly.

(b) Loosen the striker mounting screws to adjust.

SLIDE DOOR (Van and Bus)

COMPONENTS



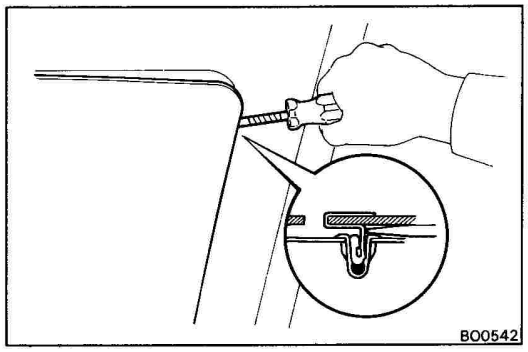


DISASSEMBLY OF SLIDE DOOR

(See page BO-17)

1. REMOVE DOOR TRIM BOARD

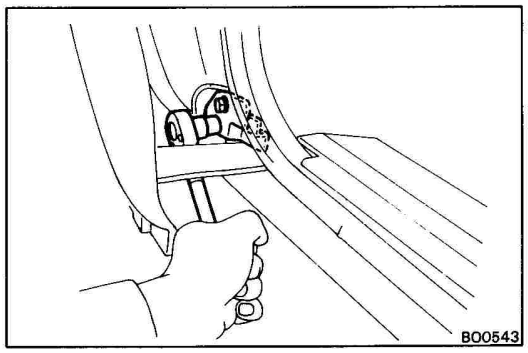
(a) Remove the two screws and slide door open stopper.



(b) Using a screwdriver, pry loose the clip and remove the door trim board.

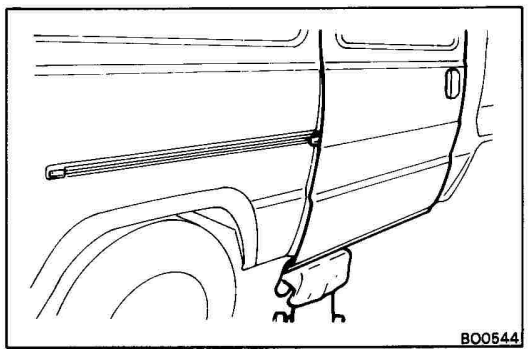
NOTE: Tape the screwdriver tip before use.

2. REMOVE SERVICE HOLE COVER



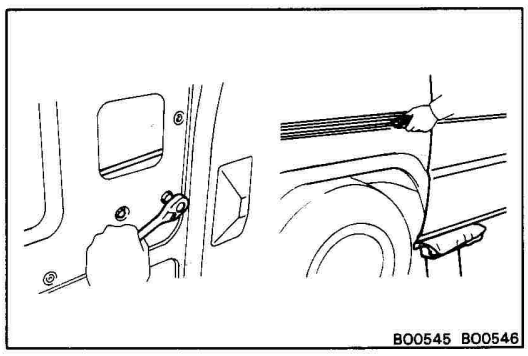
3. REMOVE DOOR PANEL

(a) Remove the two bolts and door lower rail guide.

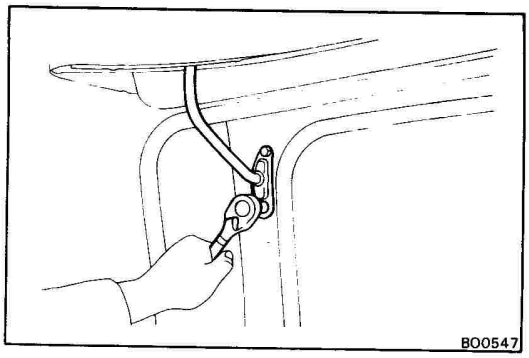


(b) Remove the rail moulding.

(c) Place a wooden block under the door panel and support it with a jack.

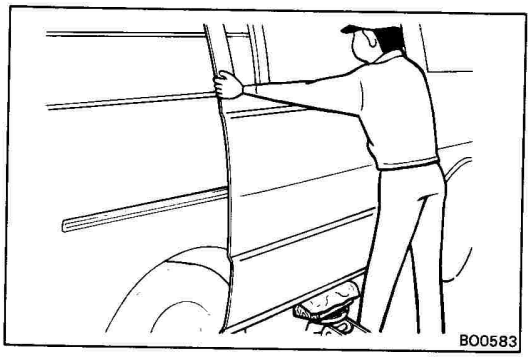


(d) Remove the two bolts and door center roller.

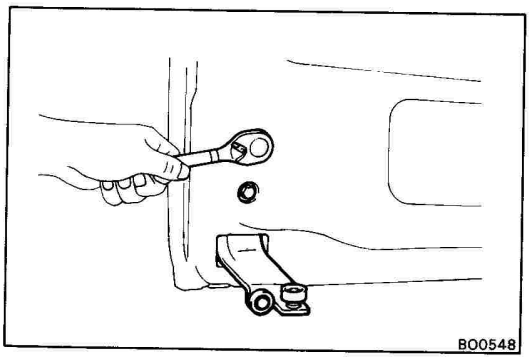


(e) Remove the two screws and door upper roller.

NOTE: Support the door so that it will not fall over.

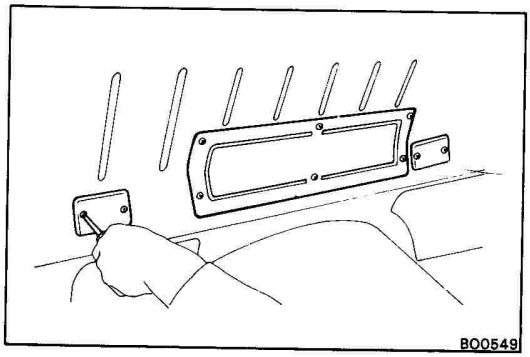


(f) Slide the door panel toward the rear side and remove it.



4. REMOVE DOOR LOWER ROLLER

Remove the two bolts and door lower roller.

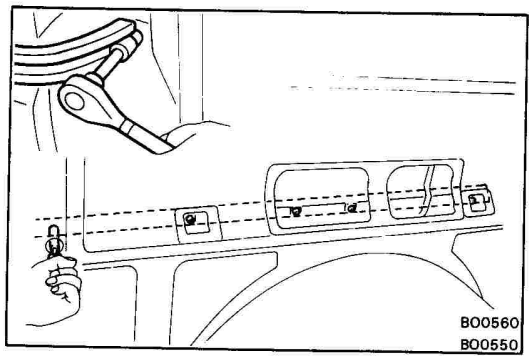


5. REMOVE DOOR CENTER RAIL

(a) Using a screwdriver, pry loose the clip and quarter trim board.

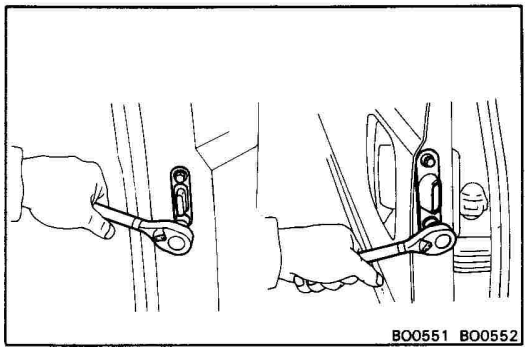
(b) Remove the ten screws and three quarter covers.

(c) Remove the grommet.



(d) Remove the screw, five nuts and the door center rail.

NOTE: Do not the drop the nuts.

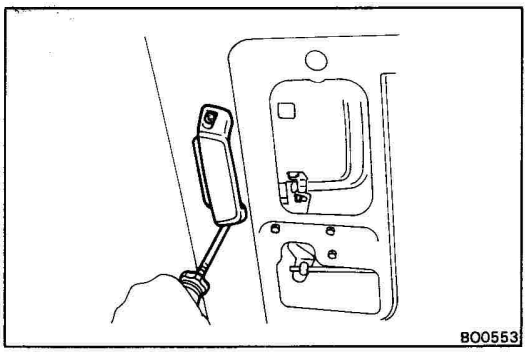


6. REMOVE DOOR DOWN MALE

Remove the four bolts and two door down males with the shim.

7. REMOVE DOOR DOWN FEMALE

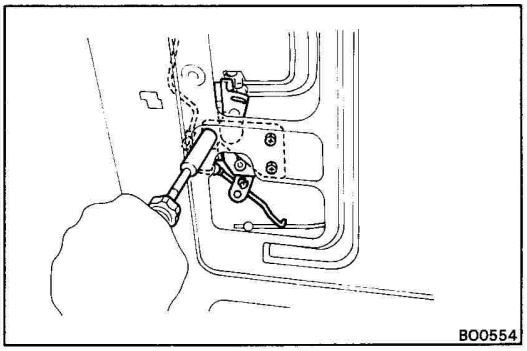
Remove the four bolts and two door down females.



8. REMOVE DOOR INSIDE HANDLE

(a) Disconnect the control link from the door lock remote control.

(b) Remove the two bolts and door inside handle.



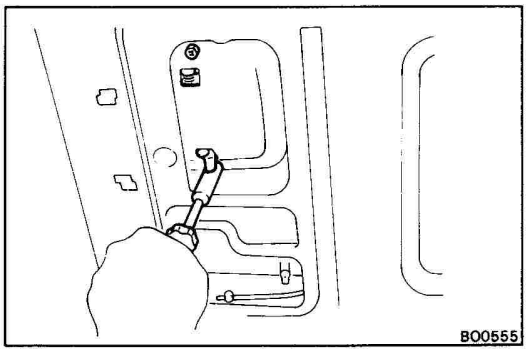
9. REMOVE DOOR LOCK REMOTE CONTROL

(a) Remove the door lock control knob from the control link.

(b) Disconnect the door lock control link.

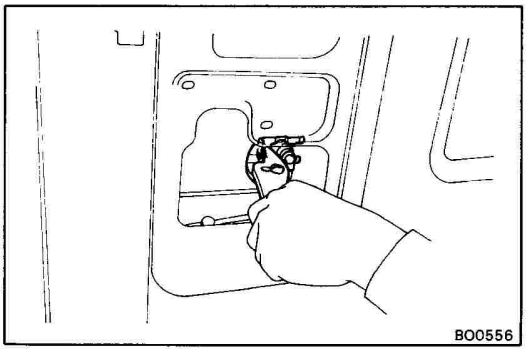
(c) Disconnect the door lock cylinder control link.

(d) Remove the three screws and door lock remote control link.



10. REMOVE DOOR OUTSIDE HANDLE

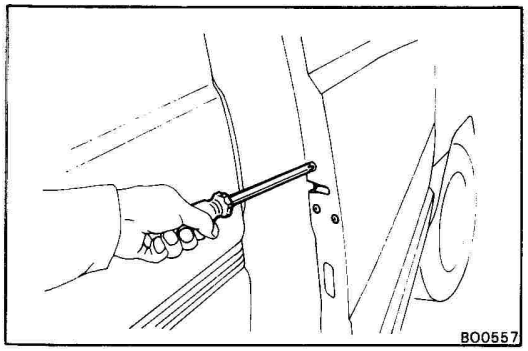
Remove the two screws and the outside handle.



11. REMOVE DOOR LOCK CYLINDER

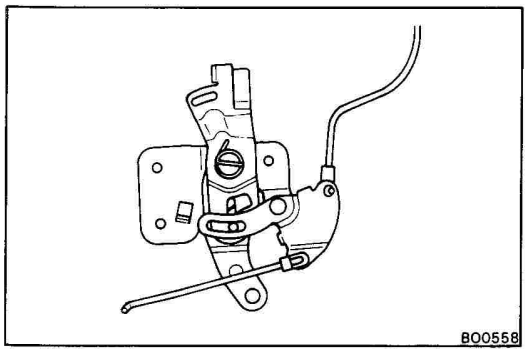
(a) Remove the clamp with a pliers.

(b) Remove the lock cylinder.



12. REMOVE DOOR LOCK ASSEMBLY

Remove the three screws and door lock assembly.

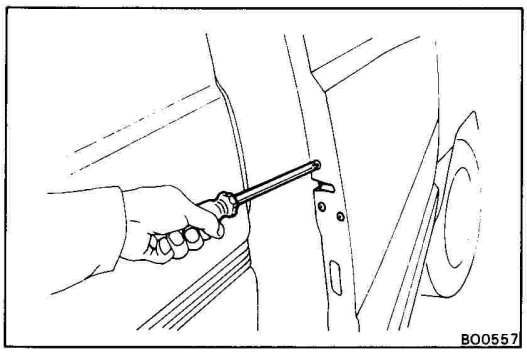


ASSEMBLY OF FRONT DOOR

(See page BO-3)

1. BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE

Coat the sliding surface of door lock and door lock remote control with MP grease.

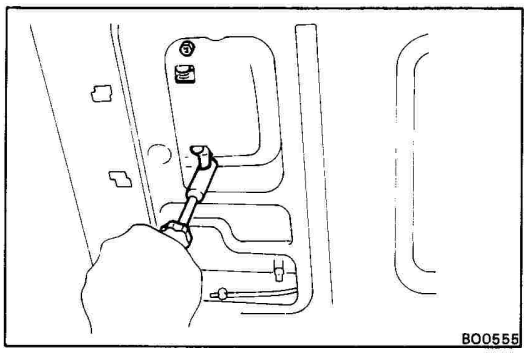


2. INSTALL DOOR LOCK ASSEMBLY

(a) Place the door lock assembly through the service hole.

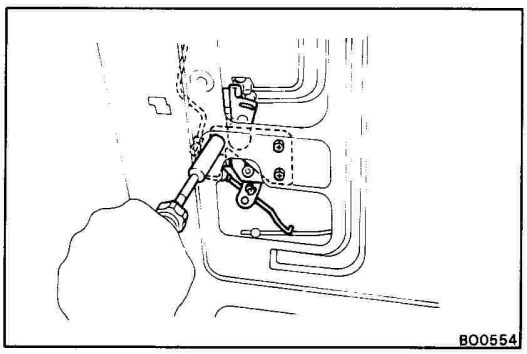
(b) Tighten the three screws.

3. INSTALL DOOR LOCK CYLINDER



4. INSTALL DOOR OUTSIDE HANDLE

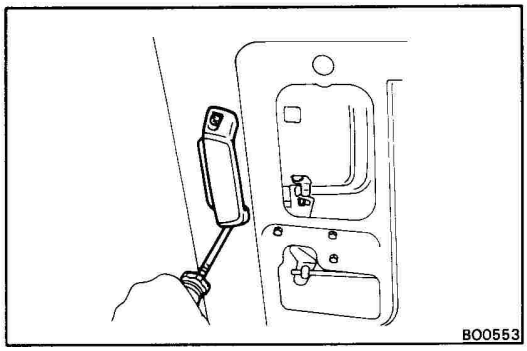
Install the outside handle through the pad and tighten the two screws.



5. INSTALL DOOR LOCK REMOTE CONTROL

(a) Install the remote control with three screws.

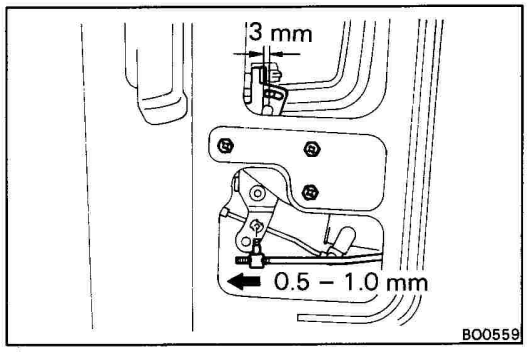
(b) Connect the control link to the door lock cylinder.



6. INSTALL DOOR INSIDE HANDLE

(a) Connect the control link to the remote control.

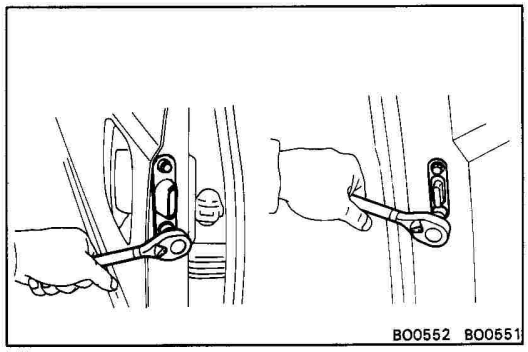
(b) Install the inside handle with the two screws.



7. ADJUST DOOR LOCK REMOTE CONTROL

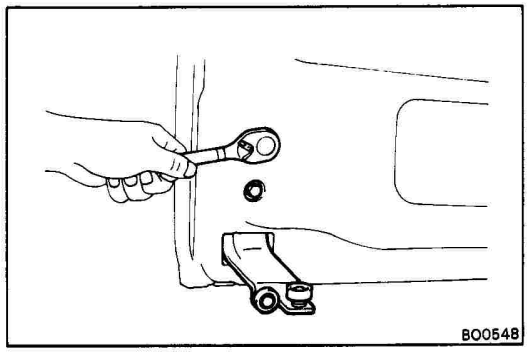
(a) Adjust the remote control so there is about 3 mm (0.12 in.) play in the inside handle by the remote control mounting screws.

(b) Lightly push the door lock control link until it touch the door lock side. Then return it 0.5 – 1 mm (0.020 – 0.039 in.) and connect the pin to the remote control.



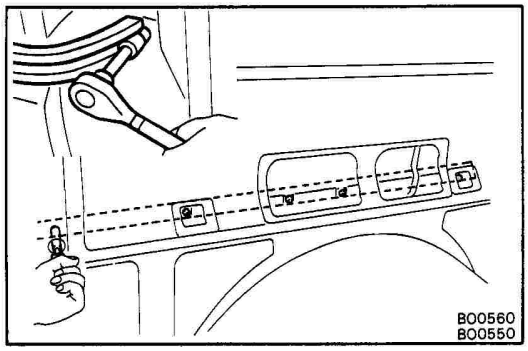
8. INSTALL TWO DOOR DOWN FEMALES

9. INSTALL TWO DOOR DOWN MALES THROUGH SHIM



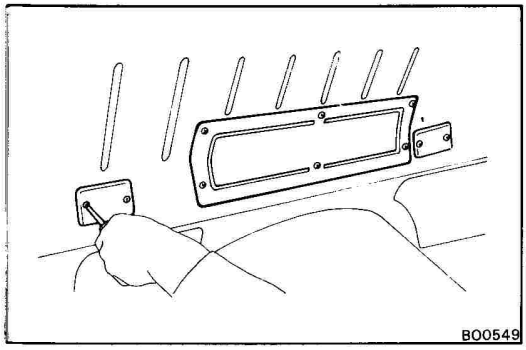
10. INSTALL DOOR LOWER ROLLER

Install the door lower roller with the two bolts.

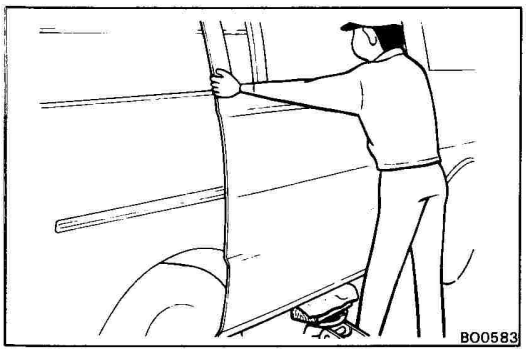


11. INSTALL DOOR CENTER RAIL

(a) Install the door center rail with the screw and five nuts.

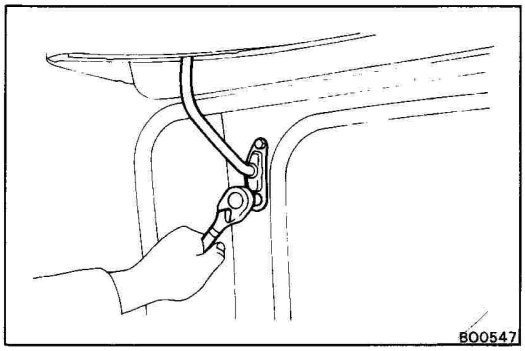


(b) Install the three quarter covers with the ten screws.
(c) Install the grommet.
(d) Install the quarter trim board.

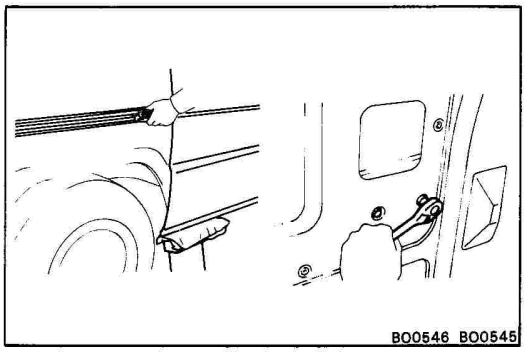


12. INSTALL DOOR PANEL

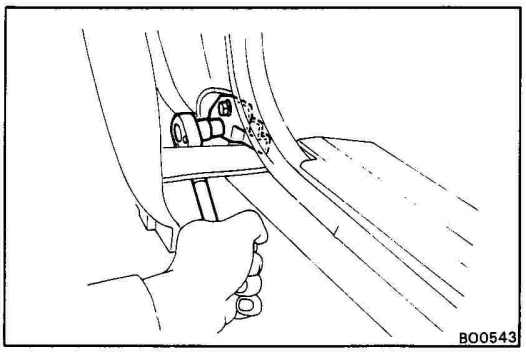
(a) Place a wooden block under the door panel and support it with a jack.
(b) Slide in the door lower roller to the door lower rail from back side.



(c) Install the door upper roller with the two screws.



(d) Install the door center roller into the door center rail.
(e) Install the door center roller to the door panel with the two bolts.
(f) Install the rail moulding.

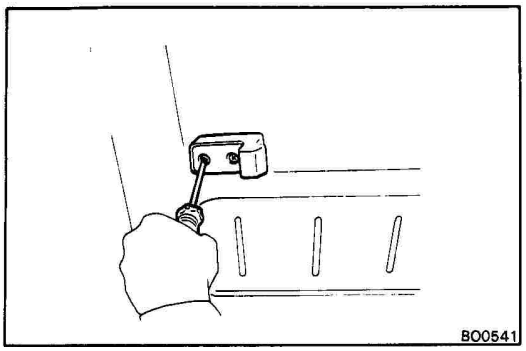


(g) Install the door lower rail guide.

13. ADJUST SLIDE DOOR
(See page BO-24)

14. INSTALL SERVICE HOLE COVER

15. INSTALL DOOR TRIM



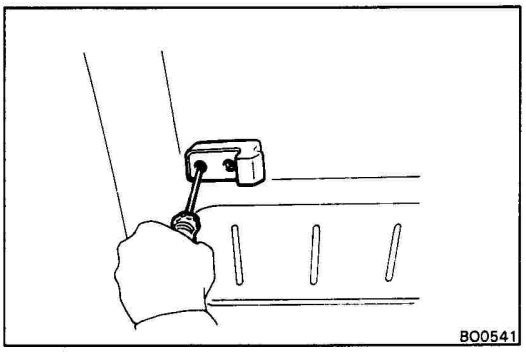
16. INSTALL DOOR OPEN STOPPER

Install the door open stopper through the shim with the two screws.

ADJUSTMENT OF SLIDE DOOR

1 REMOVE FOLLOWING PARTS:
(See page BO-18)

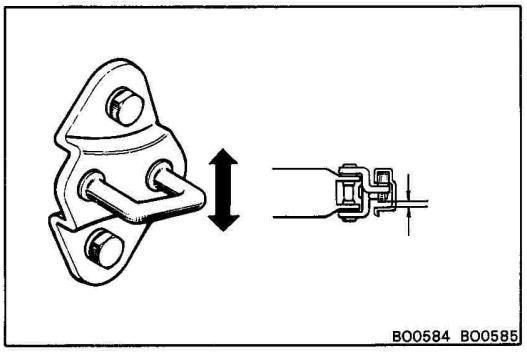
(a) Door open stopper
(b) Door trim board
(c) Service hole cover rear side



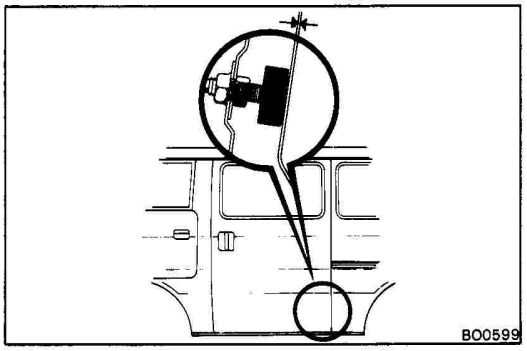
2. DOOR REAR VERTICAL AND HORIZONTAL ADJUSTMENT

(a) Adjust the door lock striker.
(b) With the door closed, adjust so the center roller is 0 – 1 mm (0 – 0.04 in.) above the race.
(c) Adjust the center roller bracket.

NOTE: The center roller is installed parallel to the rail.



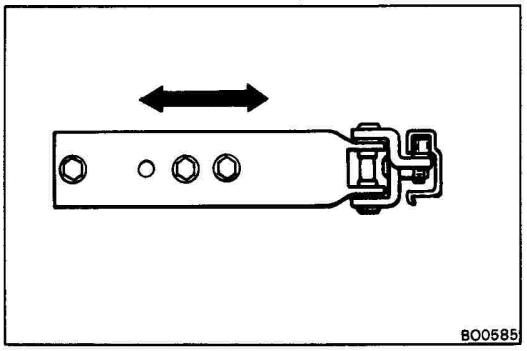
(d) Adjust the clearance between the body and door cushion to zero.



3. DOOR FORE-AFT ADJUSTMENT

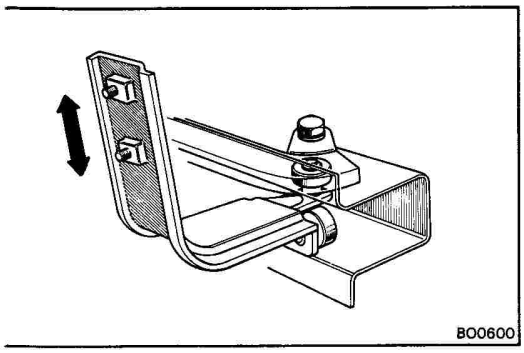
Adjust by moving the center roller fore and aft.

NOTE: The center roller is installed parallel with the rail.



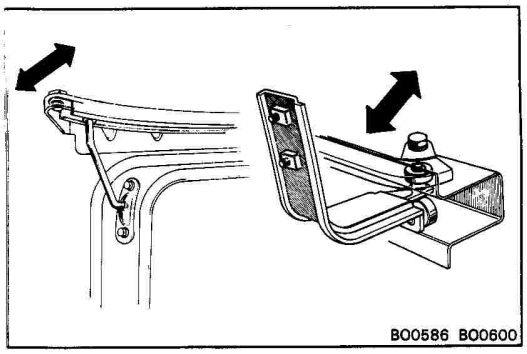
4. INSTALL FOLLOWING PARTS:
(See pages BO-23, 24)

(a) Service hole cover rear side
(b) Door trim board
(c) Door open stopper



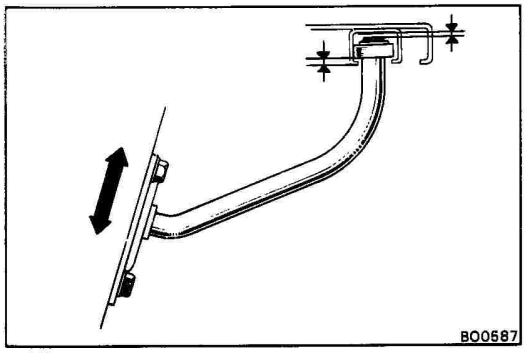
5. DOOR FRONT VERTICAL ADJUSTMENT

Adjust with the lower roller.

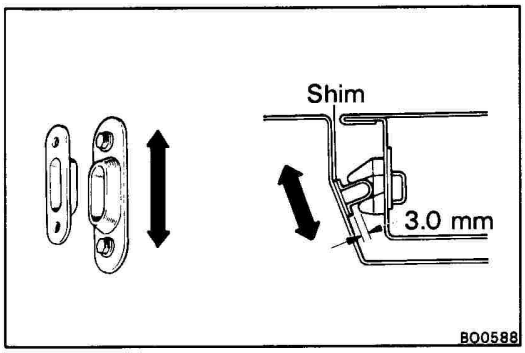


6. DOOR FRONT HORIZONTAL ADJUSTMENT

Adjust with the upper and lower rail.



NOTE: Keep the clearance between upper roller and rail by adjusting the upper roller by adjusting the upper roller.



7. DOOR DOWN MALE ADJUSTMENT

(a) Finger tighten the male on the body side, close the door and determine the door position.

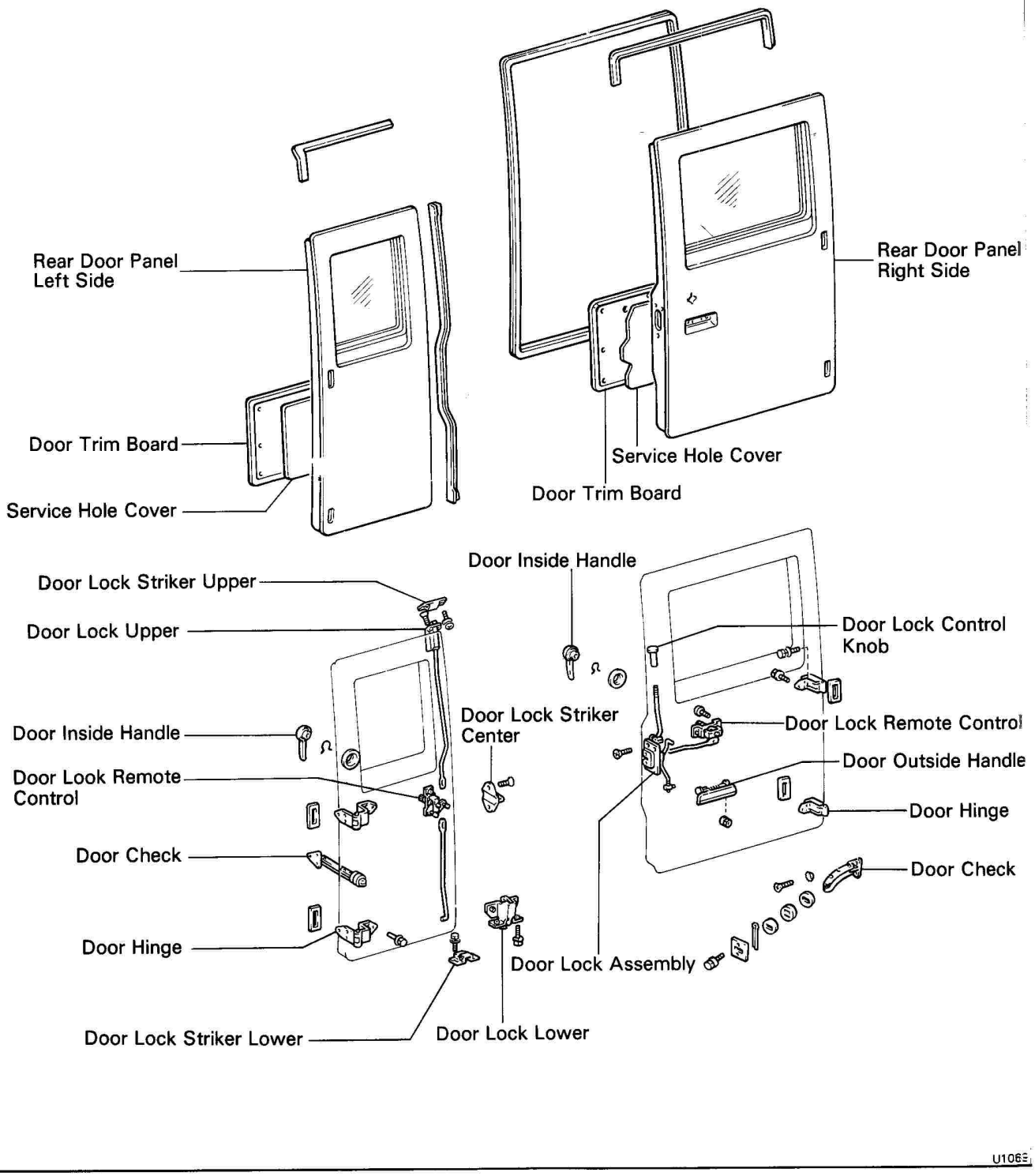
(b) Adjust the down female or male.

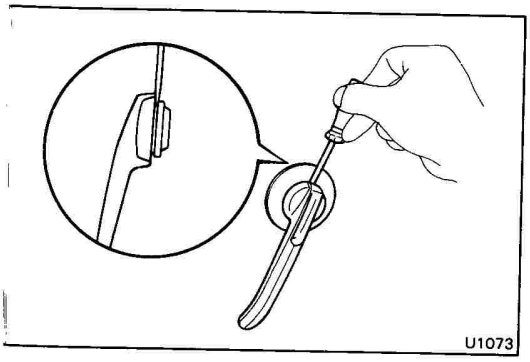
NOTE: Keep the clearance as shown by adjusting the shim.

STD clearance: 3.0 mm (0.118 in.)

BACK DOOR (Van and Bus)

COMPONENTS



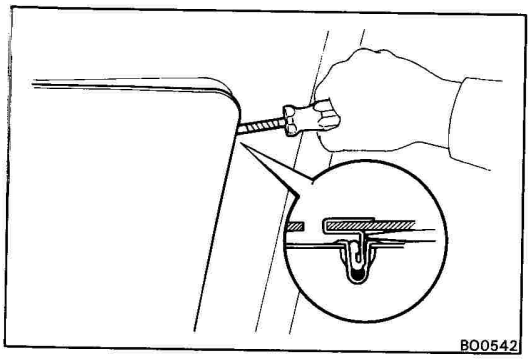


DISASSEMBLY OF BACK DOOR (Right Side)

(See page BO-26)

1. REMOVE DOOR INSIDE HANDLE

Using a screwdriver, remove the snap ring and inside handle.

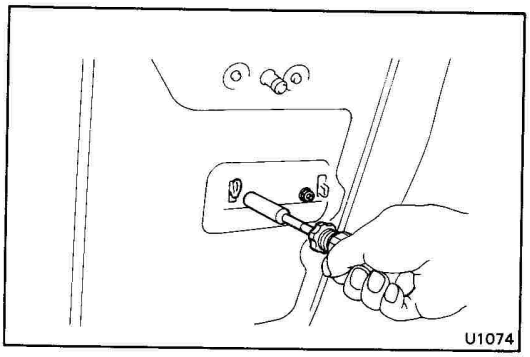


2. REMOVE DOOR TRIM BOARD

Insert a screwdriver between the retainers and the door panel to pry it loose.

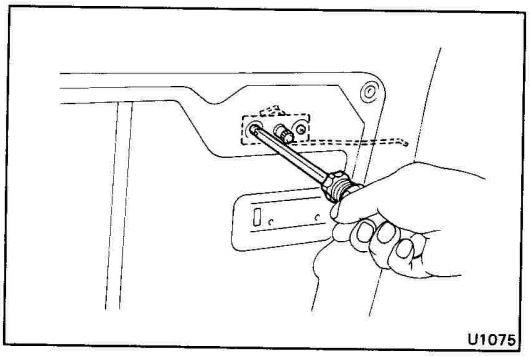
NOTE: Tape the screwdriver tip before use.

3. REMOVE SERVICE HOLE COVER



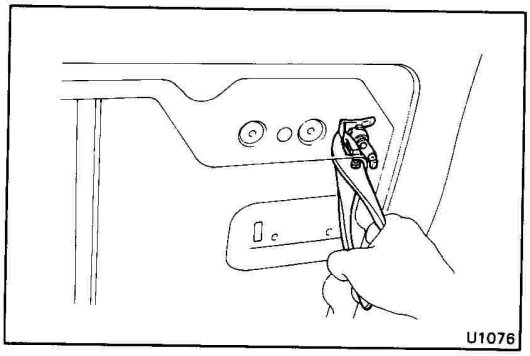
4. REMOVE DOOR CUTSIDE HANDLE

(a) Disconnect the control link from the outside handle.
(b) Remove the two nuts and outside handle.



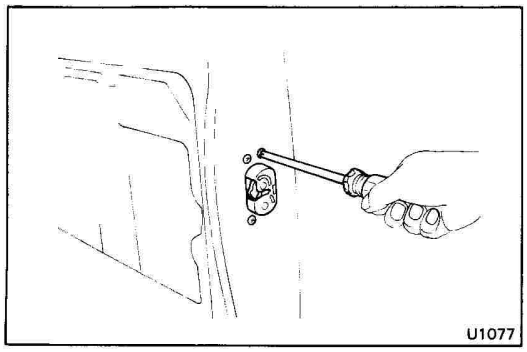
5. REMOVE DOOR LOCK REMOTE CONTROL

(a) Disconnect the control link from the door lock.
(b) Remove the two screws and remote control.



6. REMOVE DOOR LOCK CYLINDER

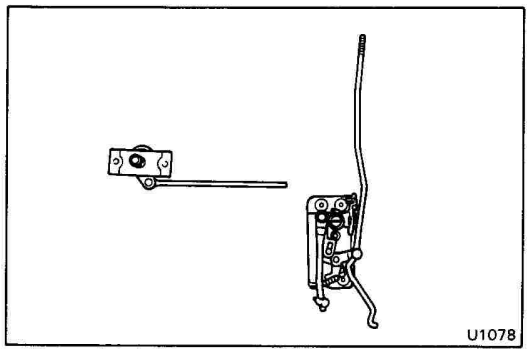
(a) Disconnect the control link from the lock cylinder.
(b) Remove the clamp with a pliers.
(c) Remove the lock cylinder.



7. REMOVE DOOR LOCK

(a) Remove the door lock control knob.

(b) Remove the three screws and door lock.

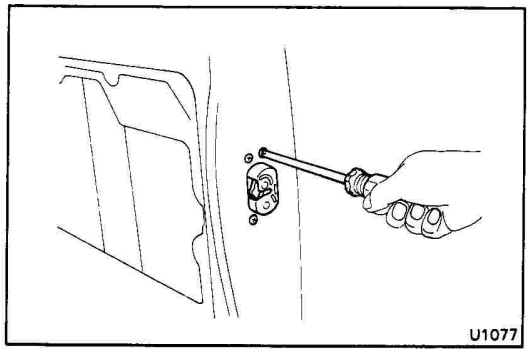


ASSEMBLY OF BACK DOOR (Right Side)

(See page BO-26)

1. BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE

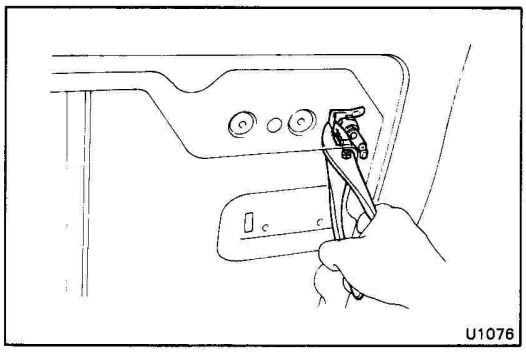
Coat the sliding surface of the door lock and door lock remote control with MP grease.



2. INSTALL DOOR LOCK

(a) Install the door lock with the three screws.

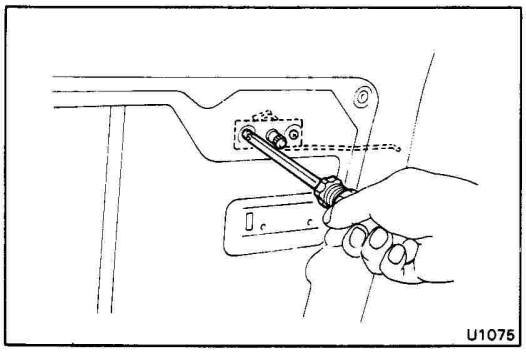
(b) Install the door lock control knob.



3. INSTALL DOOR LOCK CYLINDER

(a) Install the lock cylinder with the clamp.

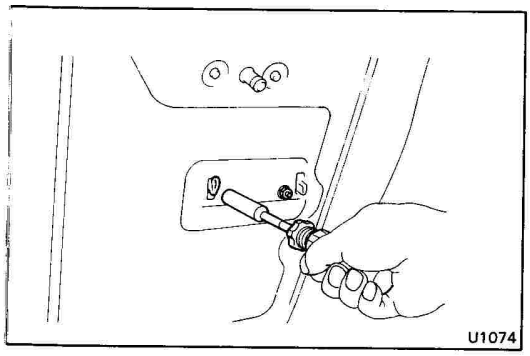
(b) Connect the control link to the lock cylinder.



4. INSTALL DOOR LOCK REMOTE CONTROL

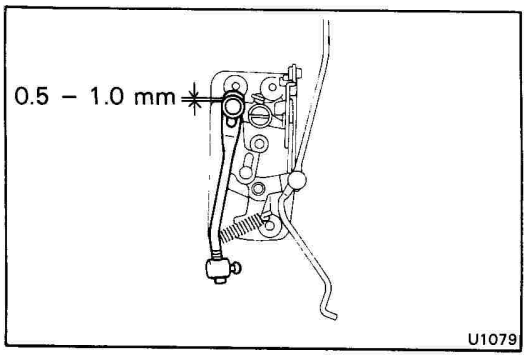
(a) Install the remote control with the two screws.

(b) Connect the control link to the door lock.



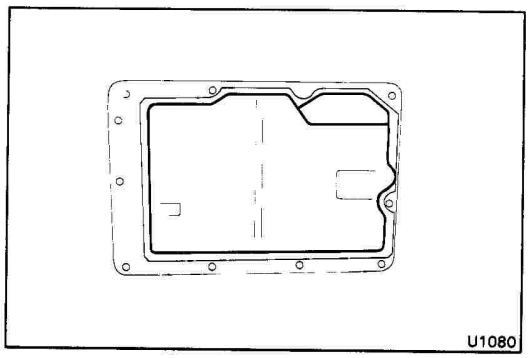
5. INSTALL DOOR OUTSIDE HANDLE

(a) Install the door outside handle with the two nuts.



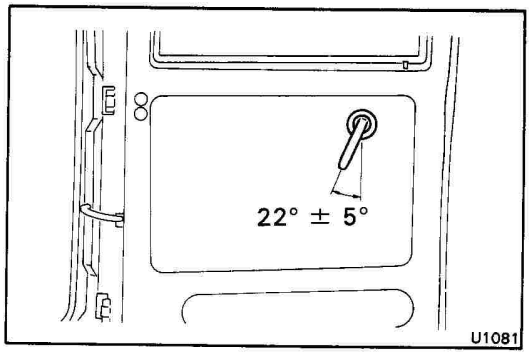
(b) Raise the control link 0.5 – 1.0 mm (0.020 – 0.039 in.) from the rest position.

(c) Fit the pin into the hole by turning the adjuster.



6. INSTALL SERVICE HOLE COVER

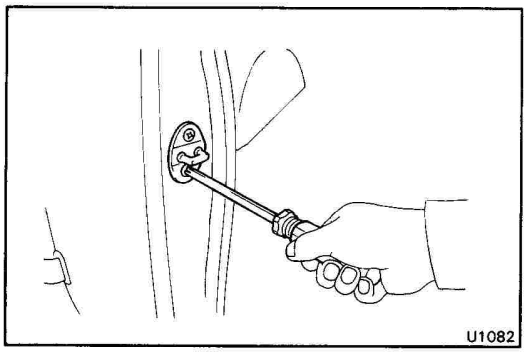
7. INSTALL DOOR TRIM BOARD



8. INSTALL DOOR INSIDE HANDLE

(a) Install the snap ring to the inside handle.

(b) Install the snap ring as shown.

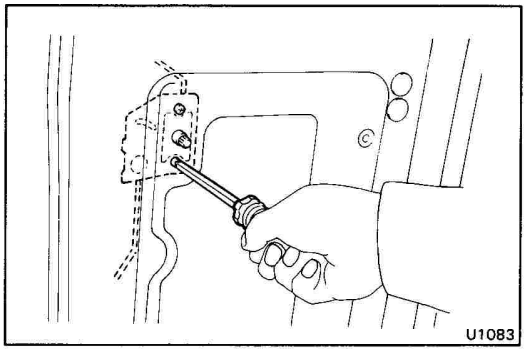


DISASSEMBLY OF BACK DOOR (Left Side)

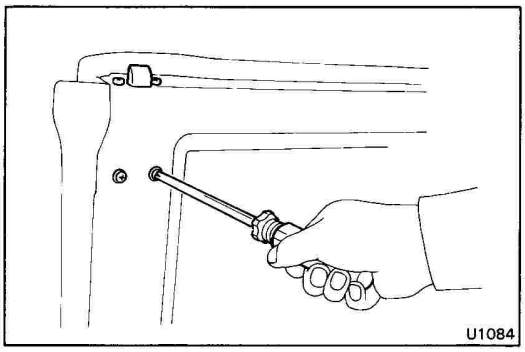
(See page BO-16)

1. **REMOVE DOOR LOCK STRIKER CENTER**

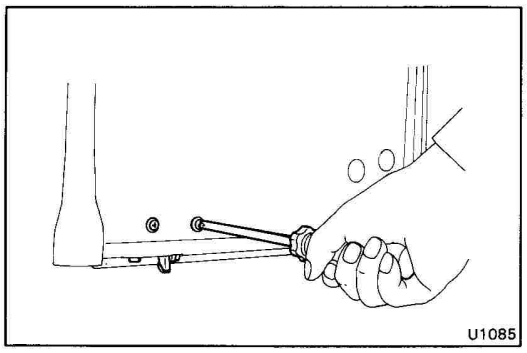
2. **REMOVE FOLLOWING PARTS:**
(See page BO-27)
   (a) Door inside handle
   (b) Door trim board
   (c) Service hole cover



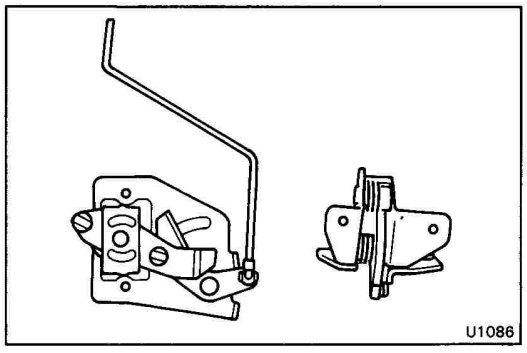
3. **REMOVE DOOR LOCK REMOTE CONTROL**
   (a) Remove the door lock control knob.
   (b) Remove the remote control.



4. **REMOVE DOOR LOCK UPPER**
   Remove the four screws and door lock upper.



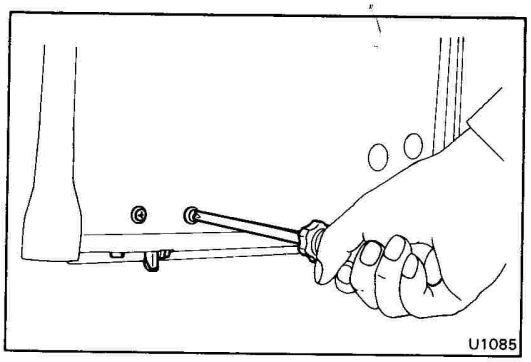
5. **REMOVE DOOR LOCK LOWER**
   (a) Remove the four screws and door lock lower.
   (b) Disconnect the control link and retainer from the door lock lower.



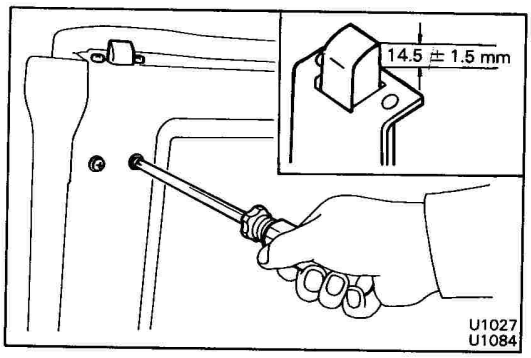
ASSEMBLY OF BACK DOOR (Left Side)

(See page BO-16)

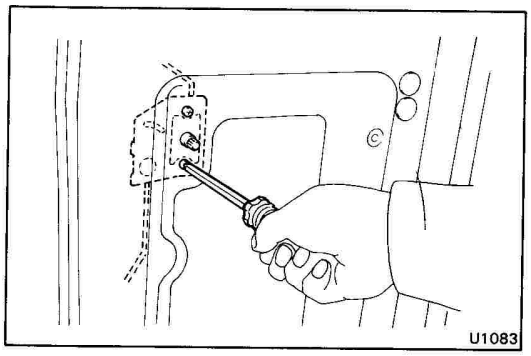
1. **BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE**
   Coat the sliding surface of the door lock remote control, door lock upper and lower with MP grease.



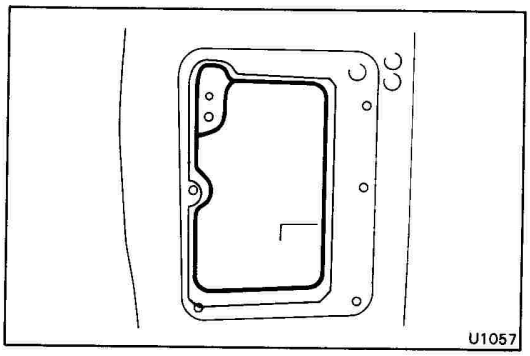
2. **INSTALL DOOR LOCK LOWER**
   (a) Connect the control link and retainer to the door lock lower.
   (b) Install the door lock lower with the four screws.



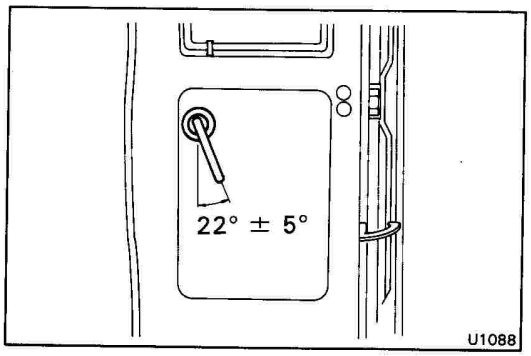
3. **INSTALL DOOR LOCK UPPER**
   Install the door lock upper with the four screw.
   NOTE: Before installing, turn the door lock upper control link and adjust the lock protrusion.
   Protrusion limit: 14.5 ± 1.5 mm (0.571 ± 0.059 in.)



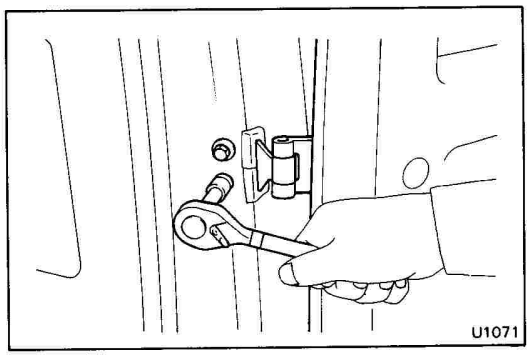
4. **INSTALL DOOR LOCK REMOTE CONTROL**
   (a) Connect the two control links to the remote control.
   (b) Install the remote control with the two screws.
   (c) Install the door lock control knob.



5. **INSTALL SERVICE HOLE COVER**
6. **INSTALL DOOR TRIM BOARD**



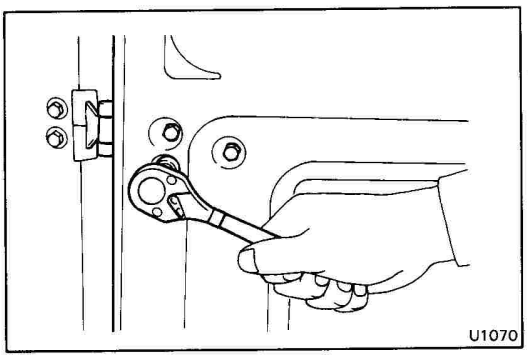
7. **INSTALL DOOR INSIDE HANDLE**
   (a) Install the snap ring to the inside handle.
   (b) Install the inside handle as shown.
8. **INSTALL DOOR LOCK STRIKER**
9. **ADJUST DOOR LOCK STRIKER**
   (See page BO-32)



ADJUSTMENT OF BACK DOOR

1. ADJUST DOOR IN FORWARD/REARWARD DIRECTIONS

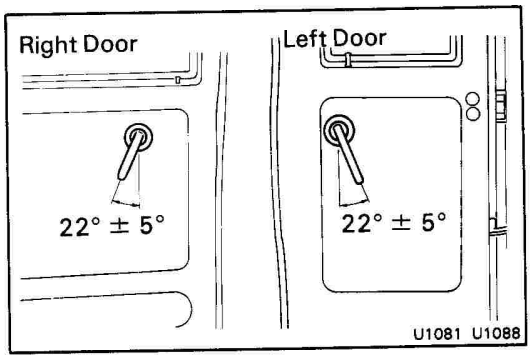
Loosen the body side hinge bolts to adjust.



2. ADJUST DOOR IN LEFT/RIGHT DIRECTIONS

(a) Remove the following parts:
(See page BO-27)
- Door inside handle
- Door trim board

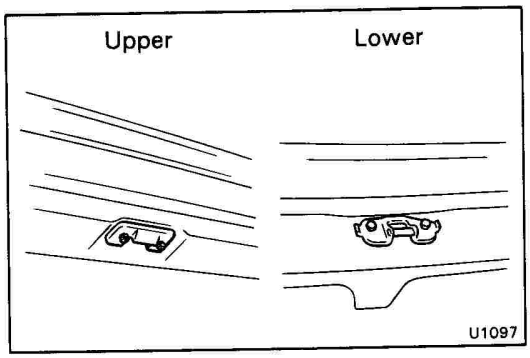
(b) Loosen the door side hinge bolts to adjust.

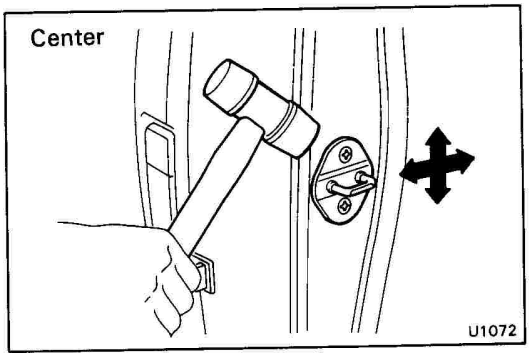


(c) Install the following parts:
(See pages BO-29, 31)
- Door trim board
- Door inside handle

3. ADJUST DOOR LOCK STRIKER

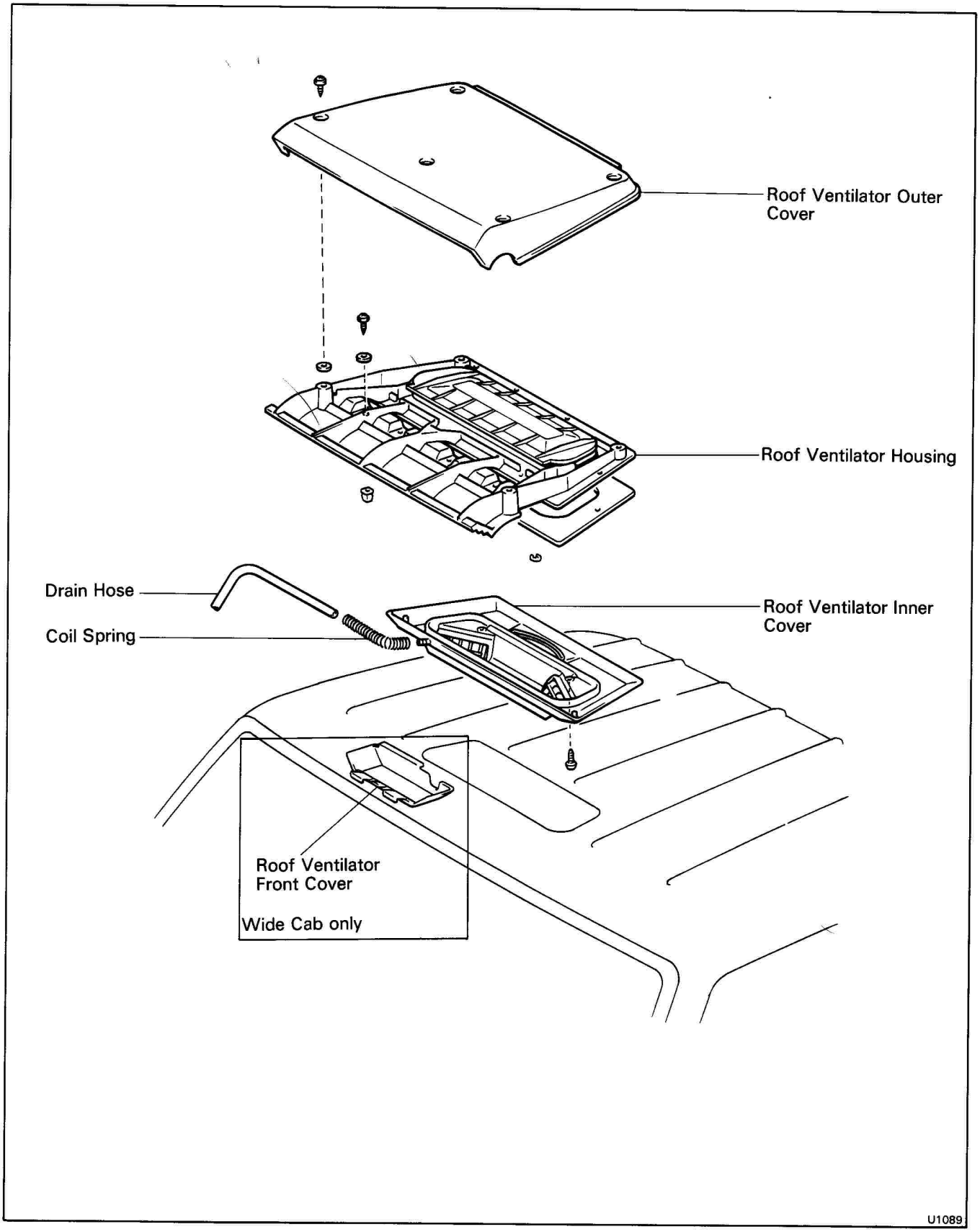
Loosen the striker set screws and tap the striker with a hammer to adjust.

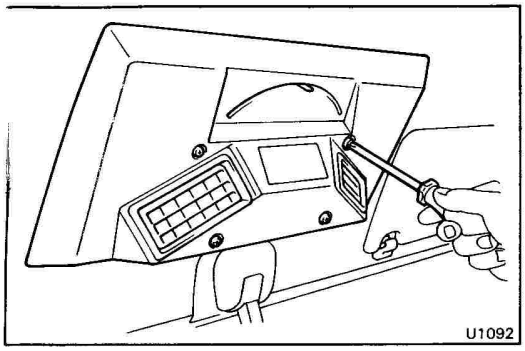




ROOF VENTILATOR

COMPONENTS





DISASSEMBLY OF ROOF VENTILATOR

(See page BO-33)

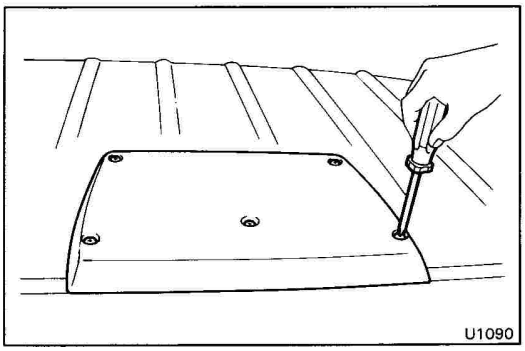
1. REMOVE ROOF VENTILATOR INNER COVER

(a) Remove the control knob.

(b) Remove the four screws from interior.

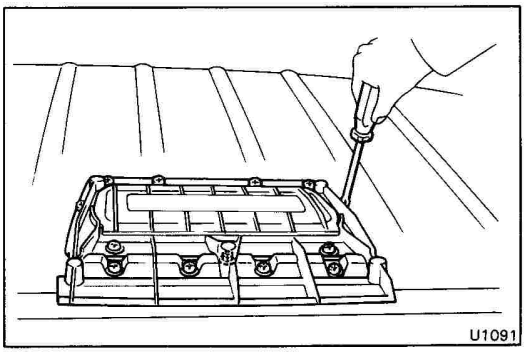
(c) Disconnect the drain hose and remove the ventilator inner cover.

(d) Remove the drain hose and the spring.



2. REMOVE ROOF VENTILATOR HOUSING

(a) Remove the five screws and the ventilator outer cover.



(b) Remove the thirteen screws and the ventilator housing.

(c) Remove the thirteen grommets.

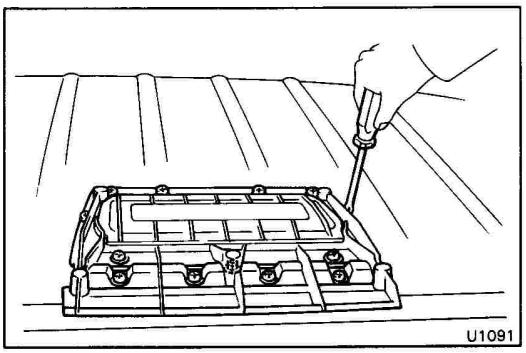
ASSEMBLY OF ROOF VENTILATOR

1. INSTALL ROOF VENTILATOR HOUSING

(a) Install the thirteen grommets.

(b) Place the ventilator housing on the roof and install the thirteen screws.

(c) Install the ventilator outer cover with the five screws.

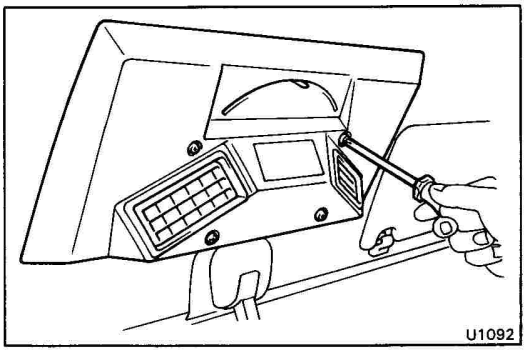


2. INSTALL ROOF VENTILATOR COVER NO. 2

(a) Install the drain hose and spring.

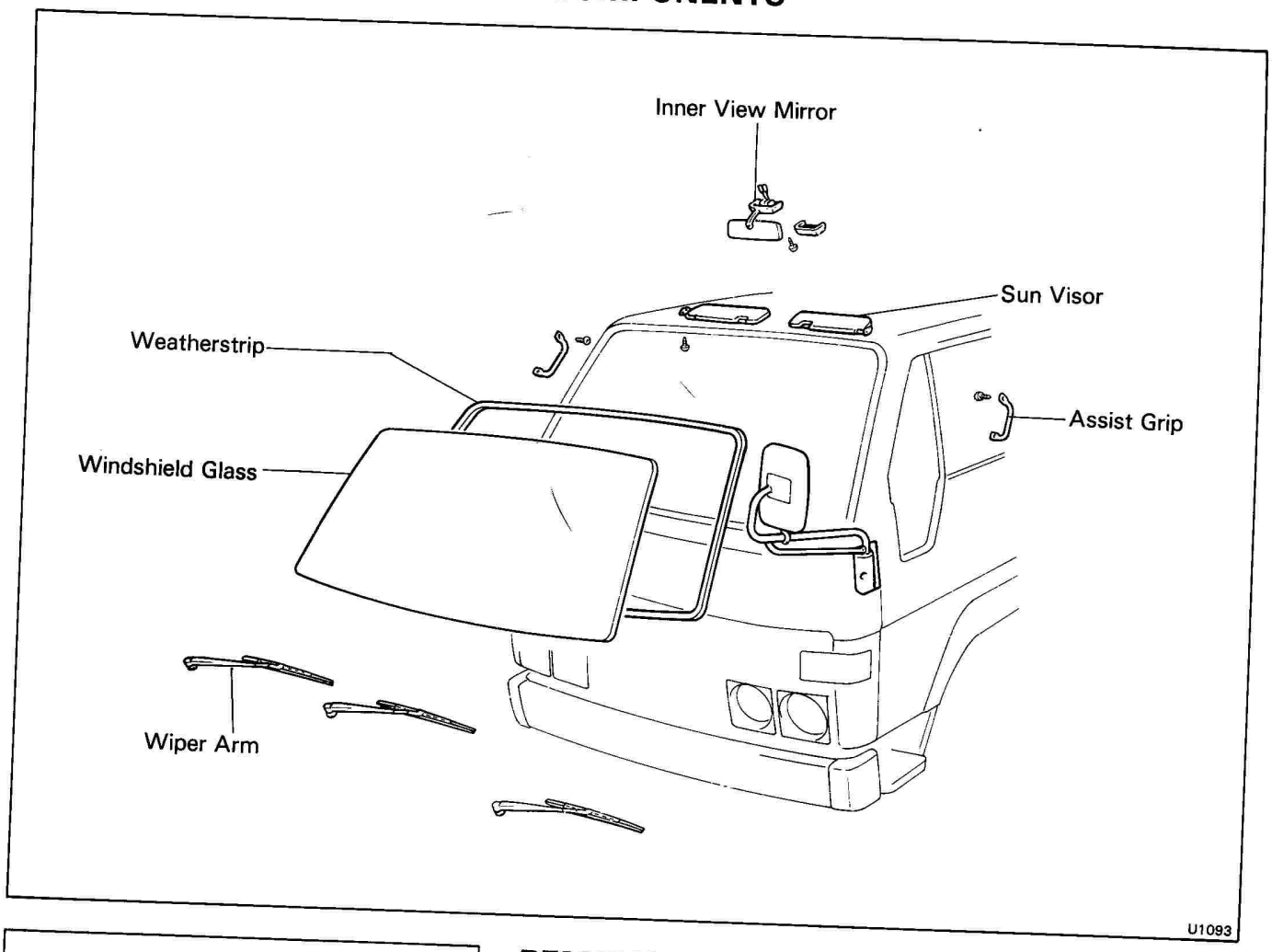
(b) Connect the drain hose to the ventilator cover No. 2 and install the ventilator inner cover with the four screws.

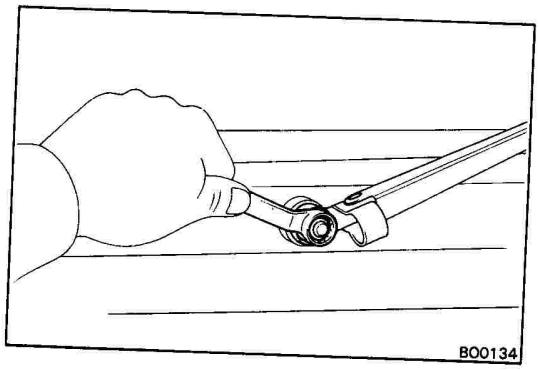
(c) Install the control knob.



WINDSHIELD

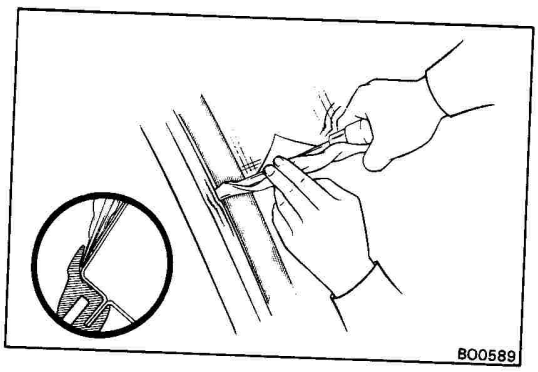
COMPONENTS





REMOVAL OF WINDSHIELD

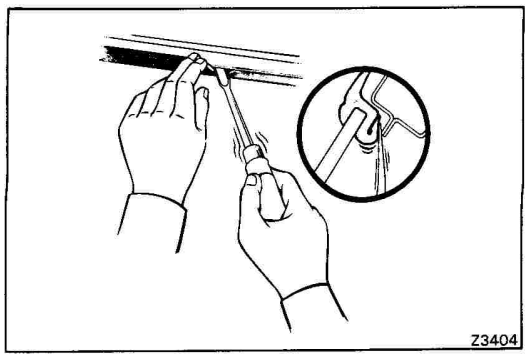
1. **REMOVE FOLLOWING PARTS:**
   - (a) Wiper arm
   - (b) Inner view mirror
   - (c) Sun visor
   - (d) Assist grip



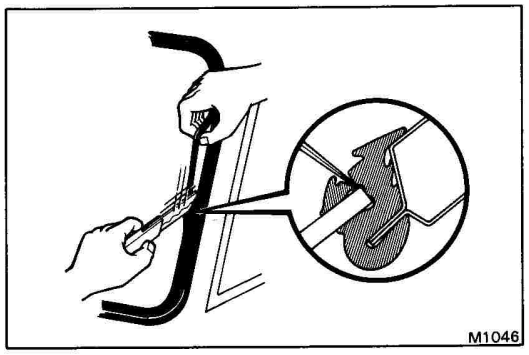
2. **REMOVE WINDSHIELD**

   If reusing the weatherstrip:

   - (a) Working from outside the vehicle with a screwdriver, loosen the weatherstrip lip from the body.



(b) Force the weatherstrip lip from the interior to the body flange outside. Pull the glass outwards and remove it with the weatherstrip.



If not reusing the weatherstrip:

(a) From the outside, cut off the weatherstrip lip with a knife.

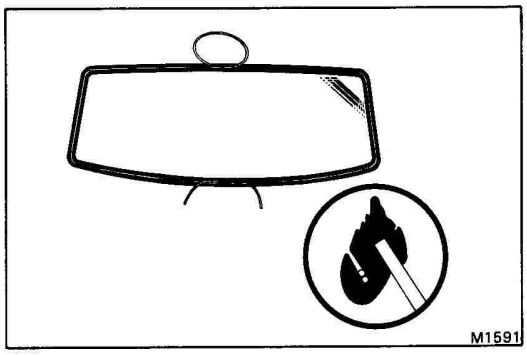
(b) From the vehicle interior, push the windshield with an even force.

INSTALLATION OF WINDSHIELD

(See page BO-35)

1. CLEAN BODY AND GLASS

Using alcohol, wipe off any adhesive left on the body or glass.

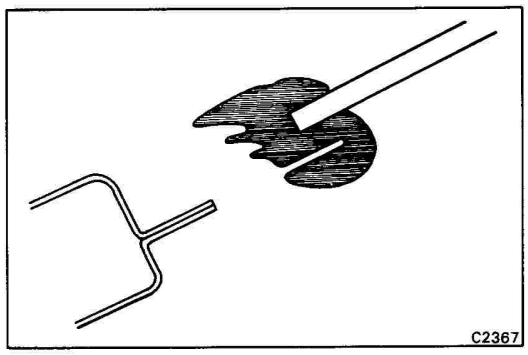


2. INSTALL WEATHERSTRIP ON GLASS

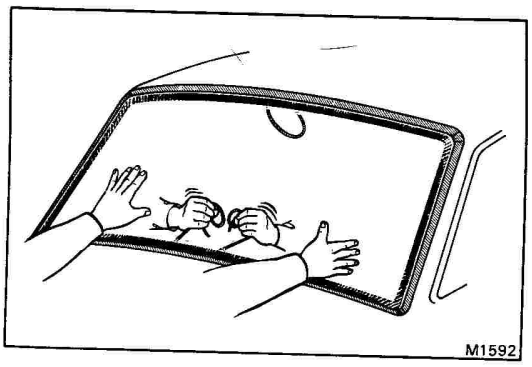
(a) Attach the weatherstrip to the glass.

CAUTION: If the weatherstrip has hardened, it may develop water leaks. Use a new one if possible.

(b) Apply a working cord along the weatherstrip groove as shown.



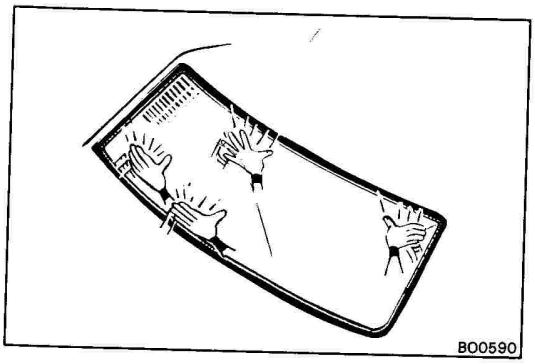
(c) Apply soapy water to the contact face of the weatherstrip lip and to the body flange.



NOTE: Begin installation in the middle of the lower part of the glass.

(d) Hold the glass in position on the body.

(e) Install the glass by pulling the string from the interior while pushing the outside of the weatherstrip with your open hand.



(f) To snug the glass in place, tap from the outside with your open hand.

3. INSTALL FOLLOWING PARTS:

(a) Wiper arm

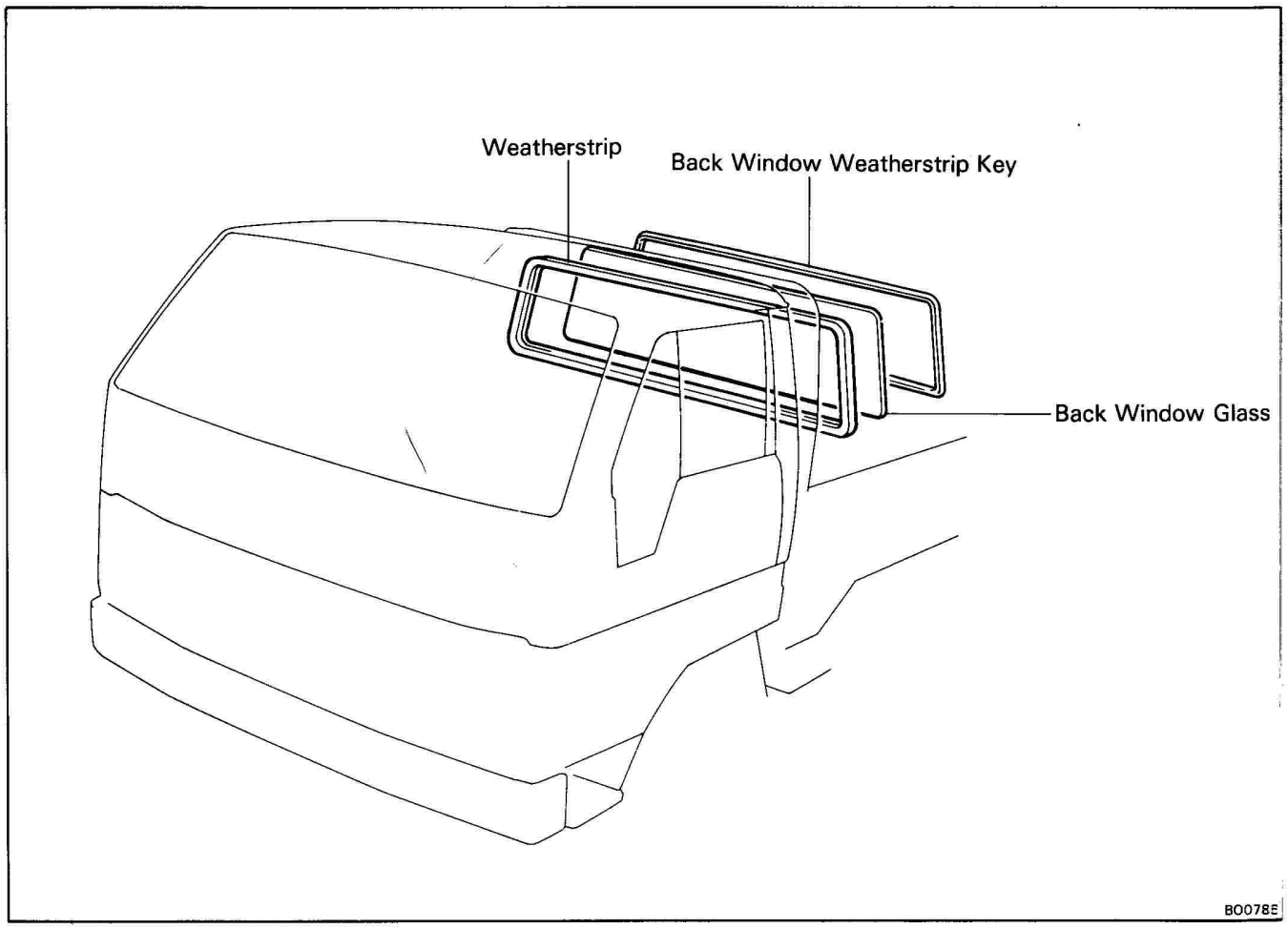
(b) Inner rear view mirror

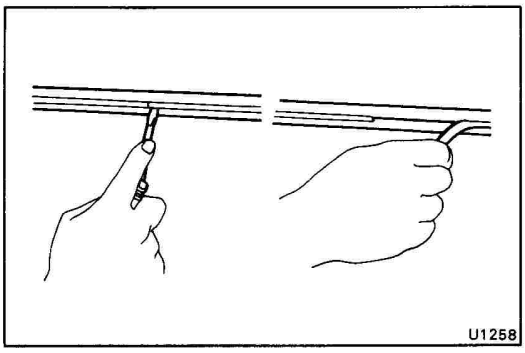
(c) Sun visor

(d) Assist grip

BACK WINDOW GLASS

COMPONENTS



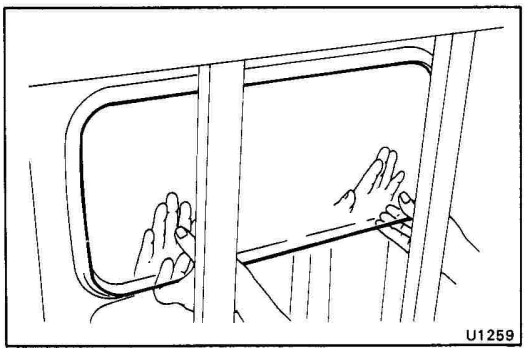


REMOVAL OF BACK WINDOW GLASS

1. REMOVE WEATHERSTRIP KEY

Using a screwdriver, pry loose the weatherstrip key and remove it.

NOTE: Tape the screwdriver tip before use.

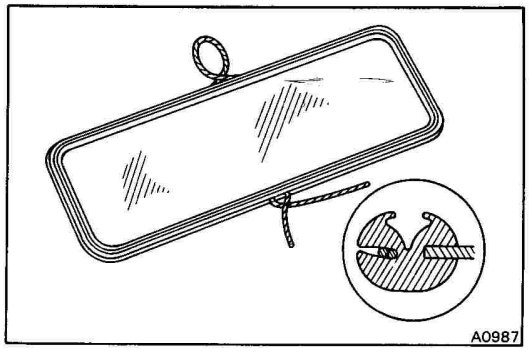


2. REMOVE BACK WINDOW GLASS AND WEATHERSTRIP

(a) From the vehicle interior, push out the lower side of the glass and then remove it from the weatherstrip.

(b) Remove the glass downward from the weatherstrip.

(c) Remove the weatherstrip from the body flange.



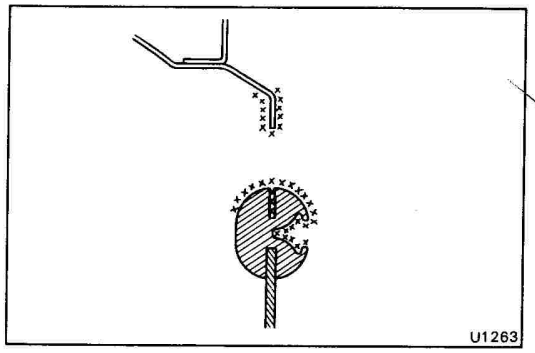
INSTALLATION OF BACK WINDOW GLASS

1. INSTALL WEATHERSTRIP ON GLASS

(a) Attach the weatherstrip to the back window glass.

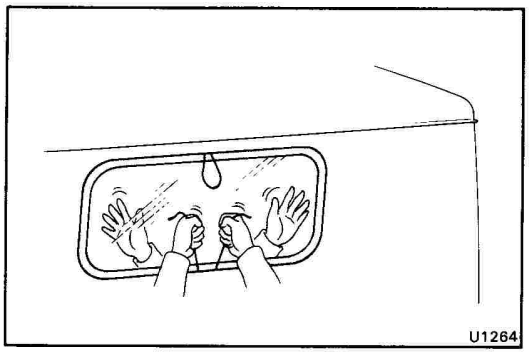
NOTE: If the weatherstrip has become hard, it may develop water leaks.
Use a new one if possible.

(b) Apply a working cord along the weatherstrip groove as shown.



2. INSTALL BACK WINDOW GLASS

(a) Apply soapy water to the contact face of the weatherstrip lip and to the body flange.



(b) Hold the back window in position on the body from the interior.

NOTE: Begin installation in the middle of the lower part of the glass.

(c) Install the back window by pulling the cord from the outside, while pushing the interior of the weatherstrip with your open hand.

(d) To snug the back window in place, tap from the interior side with your open hand.

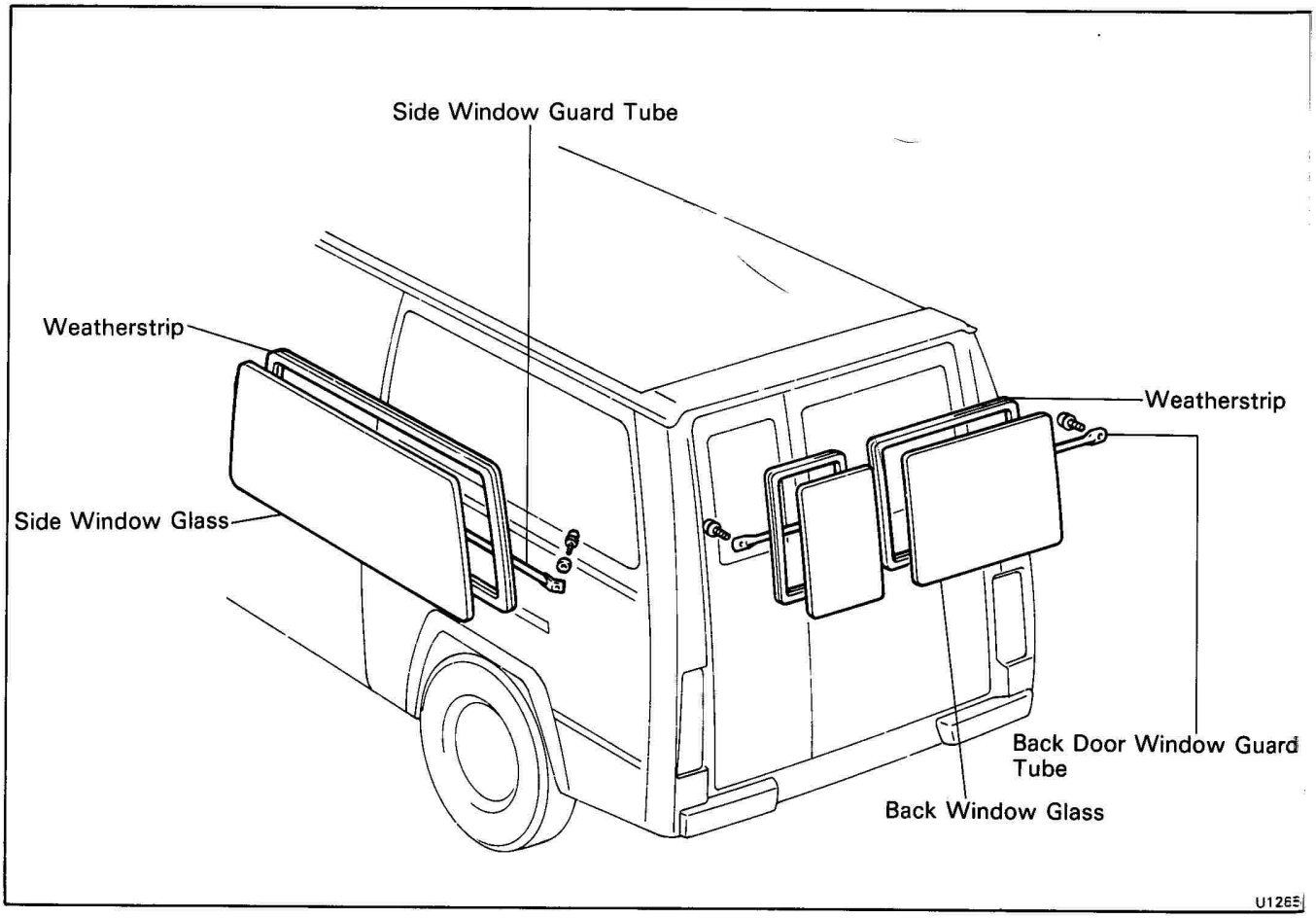
3. INSTALL WEATHERSTRIP KEY

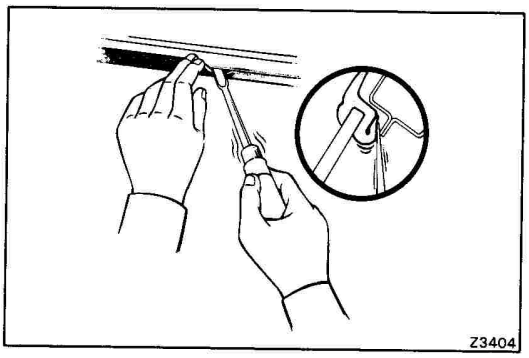
(a) Apply soapy water to the contact face of the weatherstrip.

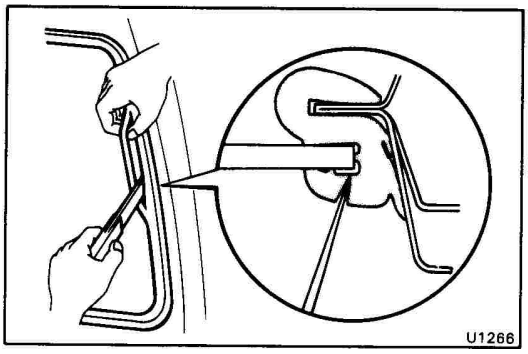
(b) Install the weatherstrip key from the center of lower side.

SIDE WINDOW (Fixed Type) AND BACK DOOR WINDOW GLASS (Van and Bus)

COMPONENTS







REMOVAL OF GLASS

1. **REMOVE WINDOW GUARD TUBE**

2. **REMOVE WINDOW GLASS**

If reusing the weatherstrip:

(a) Using a screwdriver, force the weatherstrip lip from the interior to the body flange outside. (Upper and both side)

(b) Push the glass outward with an even force and remove it with the weatherstrip.

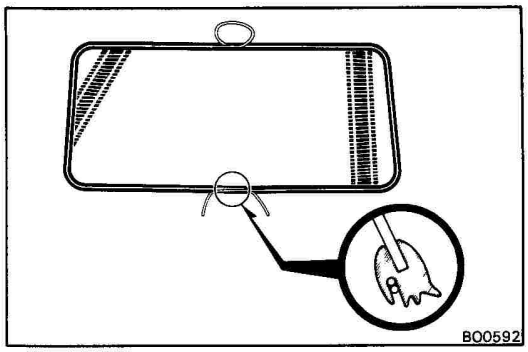
(c) Remove the weatherstrip from glass.

If not reusing the weatherstrip:

(a) From the outside, cut off the weatherstrip lip with a knife.

(b) From the vehicle interior, push the glass with an even force and remove it.

(c) Remove the weatherstrip.



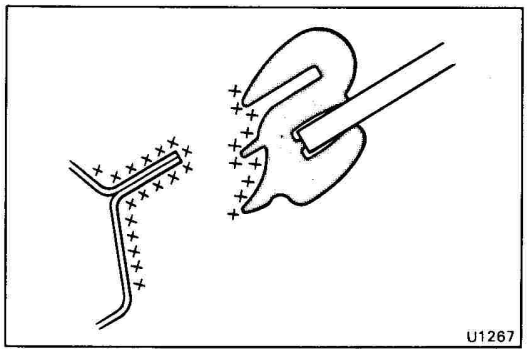
INSTALLATION OF GLASS

1. INSTALL WEATHERSTRIP ON GLASS

(a) Attach the weatherstrip to the glass.

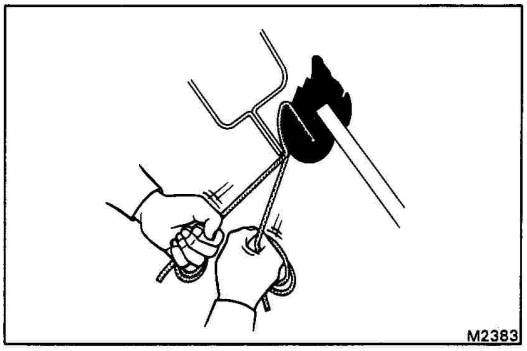
NOTE: If the weatherstrip has become hard, it may develop water leaks.
Use a new one if possible.

(b) Apply a working cord along the weatherstrip groove as shown.



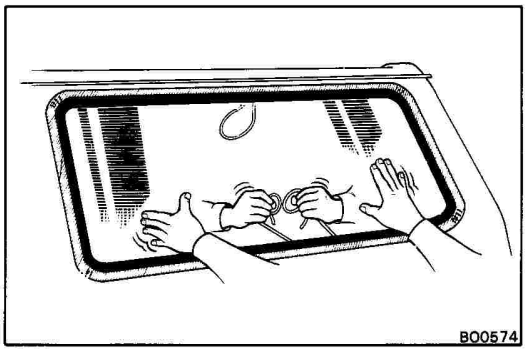
2. INSTALL GLASS

(a) Apply soapy water to the contact face of the weatherstrip lip and to the body flange.

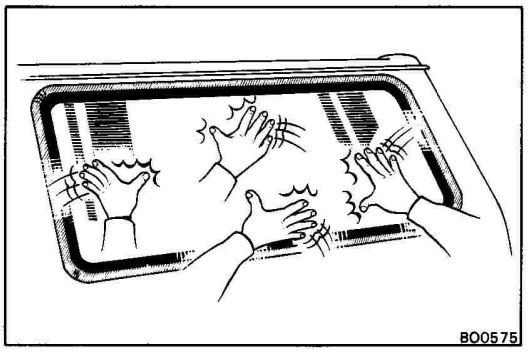


(b) Hold the glass in position on the body from the outside.

NOTE: Begin installation in the middle of the lower part of the glass.



(c) Install the glass by pulling the cord from the interior, while pushing the outside of the weatherstrip with your open hand.

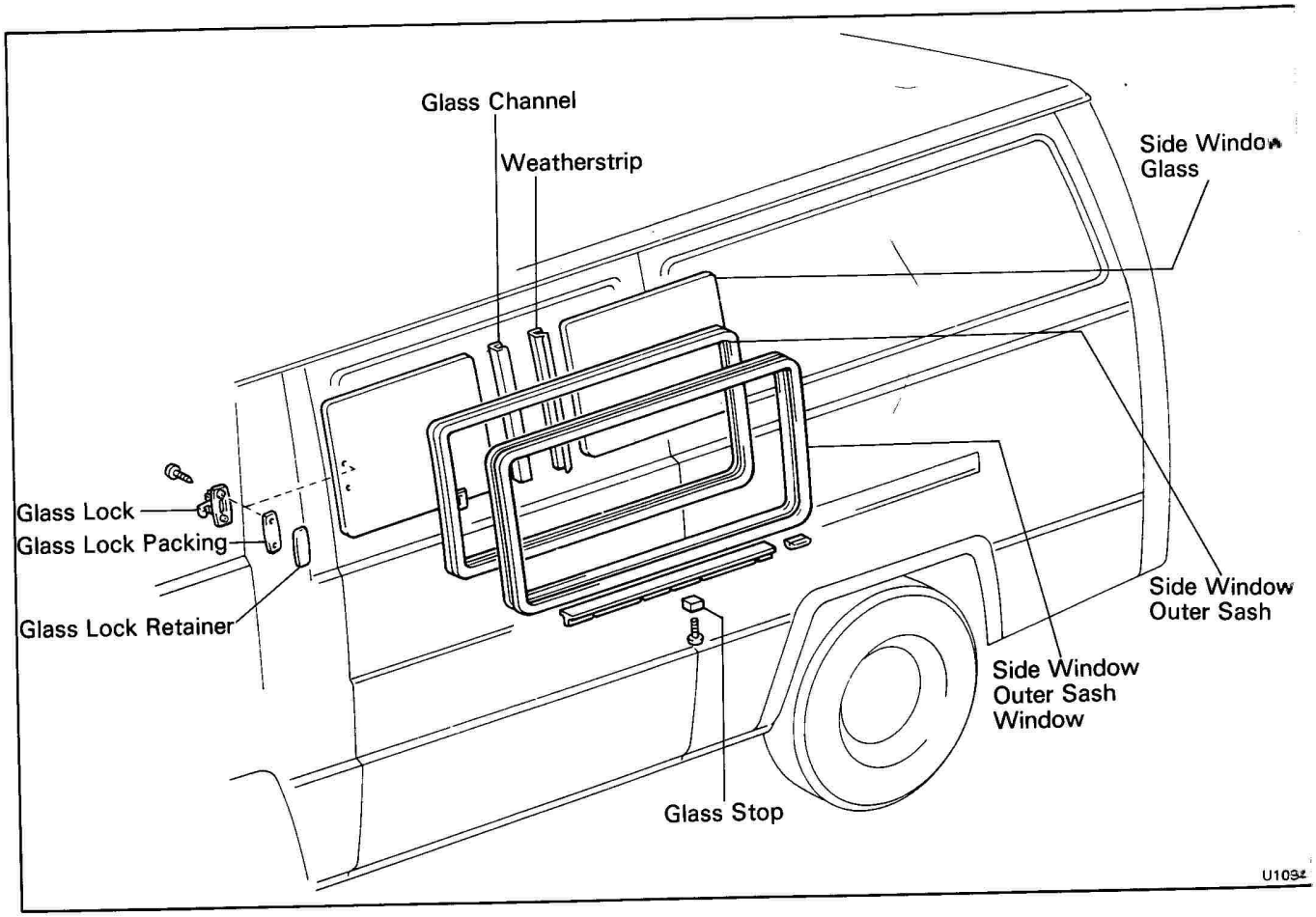


(d) To snug the glass in place, tap from the outside with your open hand.

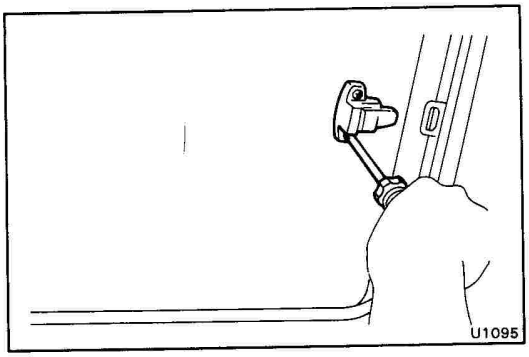
3. INSTALL WINDOW GUARD TUBE

SIDE WINDOW (Slide Type, Van and Bus)

COMPONENTS



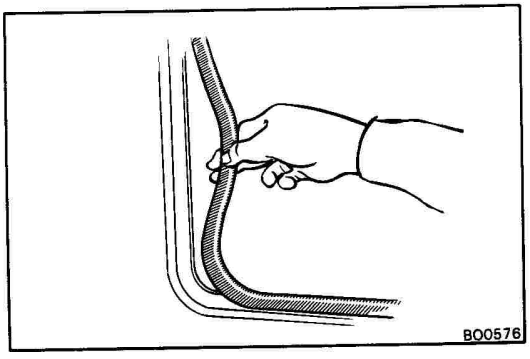
REMOVAL OF SIDE WINDOW



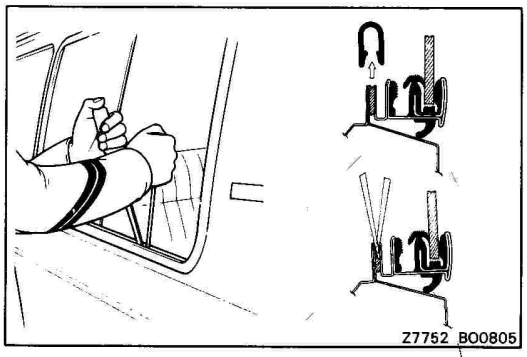
1. REMOVE GLASS LOCK

(a) Remove the two screws.

(b) Remove the glass lock, packing and the retainer.



2. REMOVE SASH CLIP



3. REMOVE SIDE WINDOW

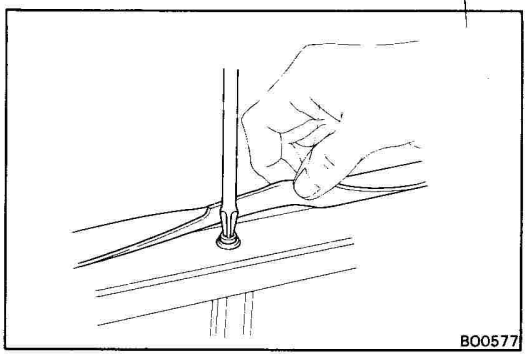
(a) Cut the adhesive with the screwdriver.

NOTE: Do not bend the body of frame edge.

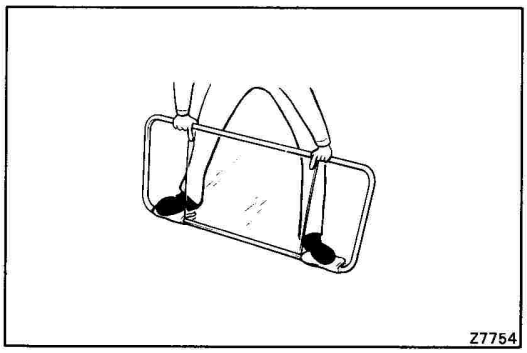
(b) Remove the sash with the glass.

(c) Wipe off any adhesive left of the sash.

NOTE: After wiping off the adhesive, use adhesive tape to pull off the remaining bits.



(d) Remove the glass stop.



(e) Remove the glass from the sash.

(f) Remove the channel and the weatherstrip from the glass.

INSTALLATION OF SIDE WINDOW

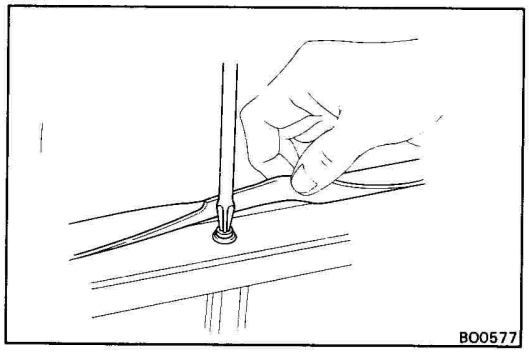
(See page BO-38)

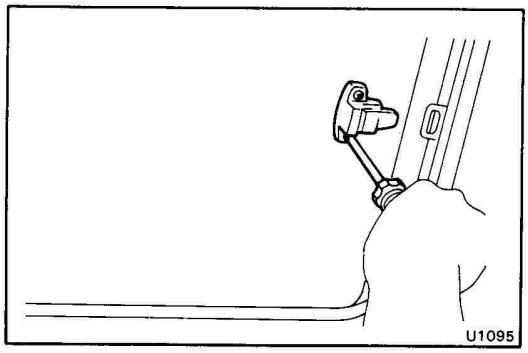
1. INSTALL SIDE WINDOW GLASS

(a) Install the weatherstrip and the channel to the glass.

(b) Install the glasses to the sash.

(c) Install the glass stop.





(d) Wipe off any adhesive left on the body.

(e) Apply adhesive tape around the body.

(f) Install the sash onto the body.

(g) To compress the butyl tape, squeeze the sash and body edge portion together with a pliers.

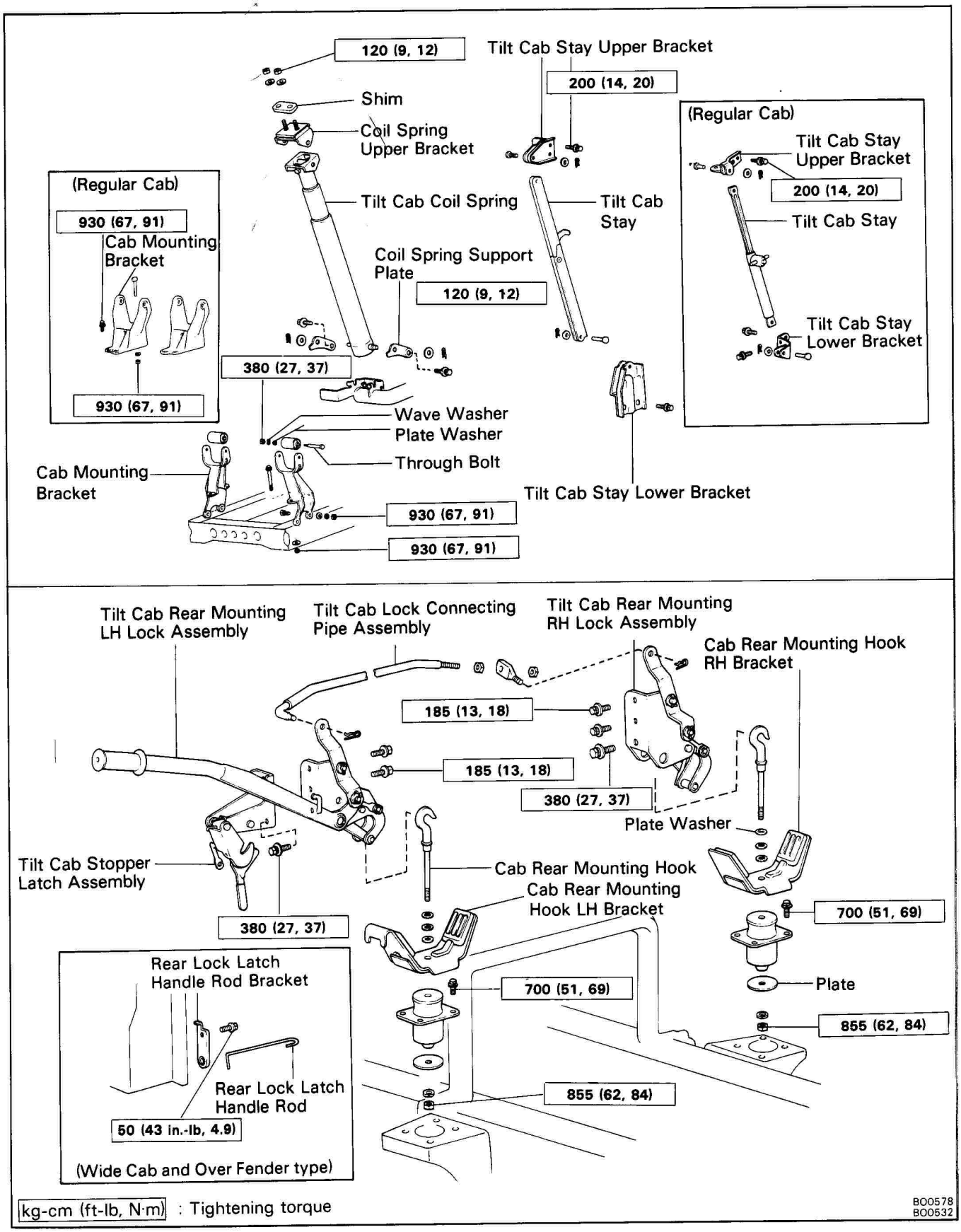
(h) Install the clip on the body and sash edge.

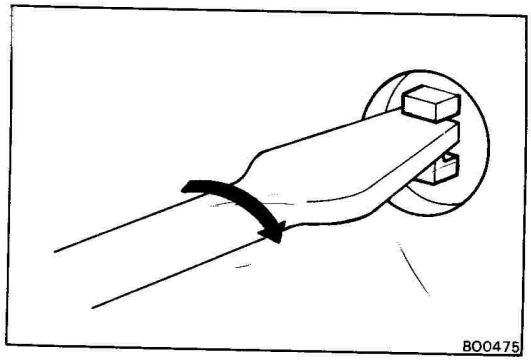
2. INSTALL GLASS LOCK

Install the retainer, packing and the glass lock with the two screws.

CAB TILT SYSTEM

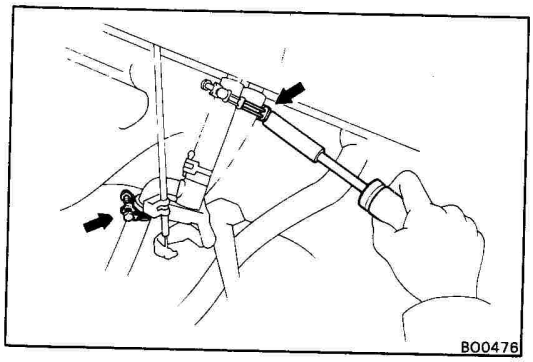
COMPONENTS



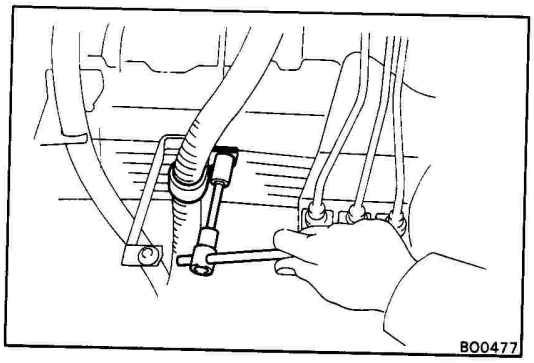


REMOVAL OF CAB FRONT MOUNTING

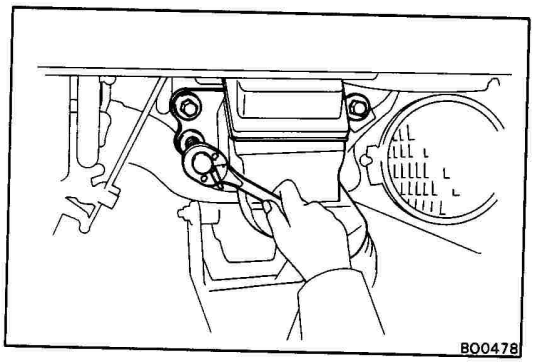
1. DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL
2. REMOVE RADIATOR GRILL
3. REMOVE FRONT BUMPER



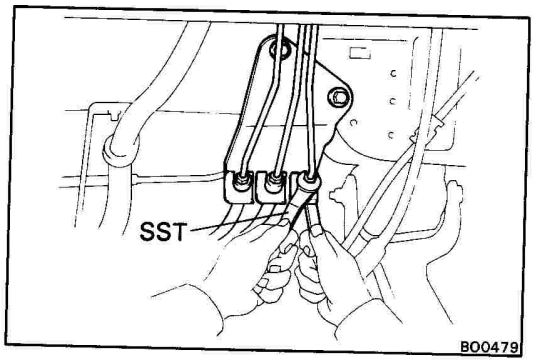
4. DISCONNECT HEATER HOSES



5. REMOVE WIRING HARNESS CLAMP



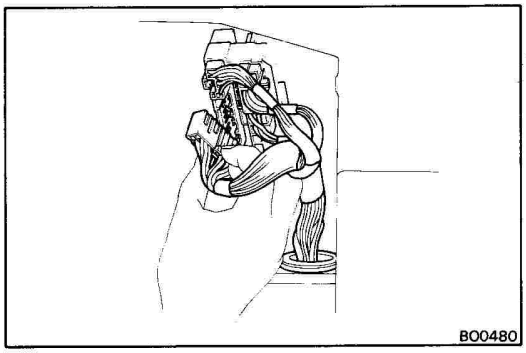
6. REMOVE AIR CLEANER INLET (Front Inlet Type only)



7. DISCONNECT BRAKE AND CLUTCH TUBES
   (a) Using a wrench to hold the hose and SST to hold the tube, disconnect the brake and clutch tubes.

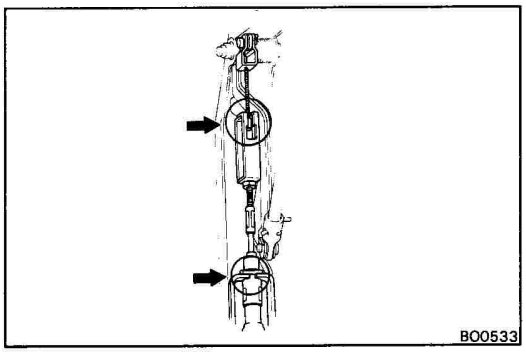
   SST 09751-36011

   (b) Remove the bracket with the brake and clutch hoses.



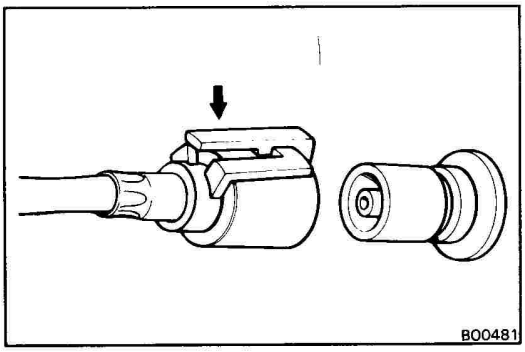
8. DISCONNECT CONNECTORS

Disconnect the wiring harness connectors and pull it out of the cab.



9. REMOVE PARKING BRAKE CABLE

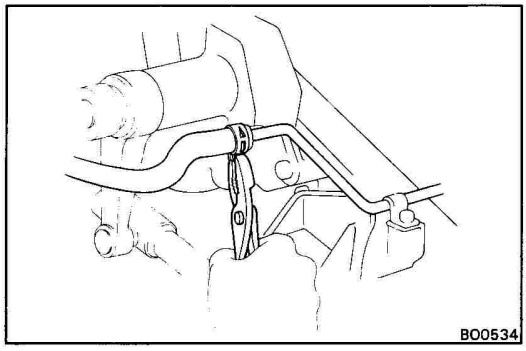
Disconnect the parking brake cable at the two places shown by the arrows and pull it out of the cab.



10. DISCONNECT SPEEDOMETER CABLE

Pull out the speedometer cable while pushing the lock lever and remove it from the cab.

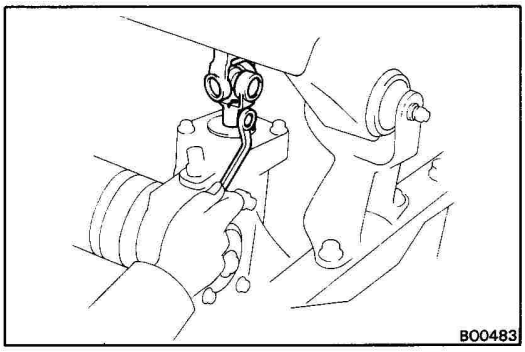
11. RAISE CAB



12. DISCONNECT VACUUM HOSE

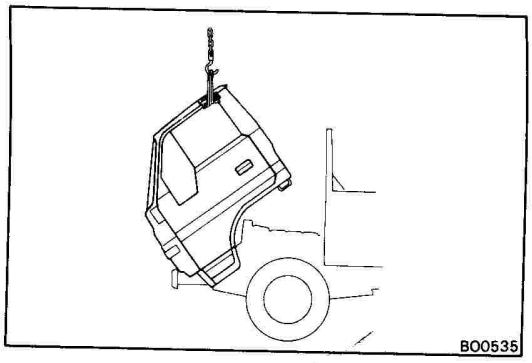
13. DISCONNECT ACCELERATOR CABLE

Disconnect the accelerator cable on the engine side.



14. DISCONNECT WORM YOKE

Place matchmarks on the worm yoke and worm shaft. Then loosen the bolt.

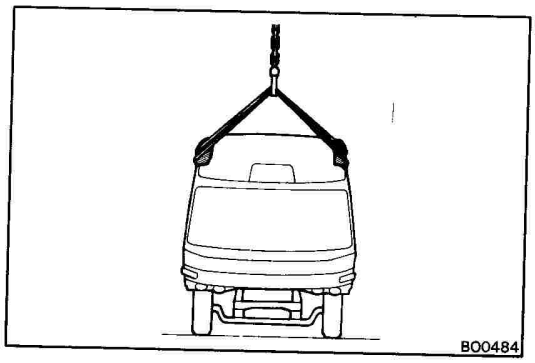


15. HOIST CAB

(a) With the cab tilted, suspend a rope through the roof panel of the cab.

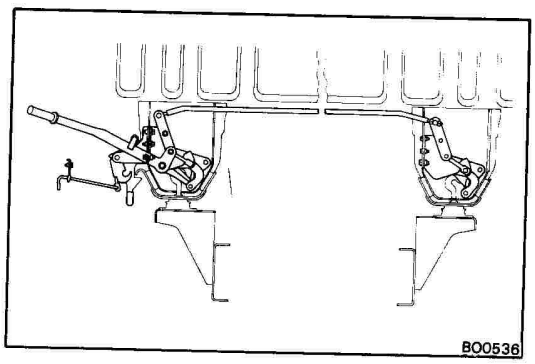
CAUTION: Ensure working safety at all times.

NOTE: Place a piece of cloth where the rope make contact with the cab.



(b) Ensure that the hoist is kept perpendicular.

NOTE: Be careful not to damage any wiring or hoses. Always keep the cab supported by the hoist during work.



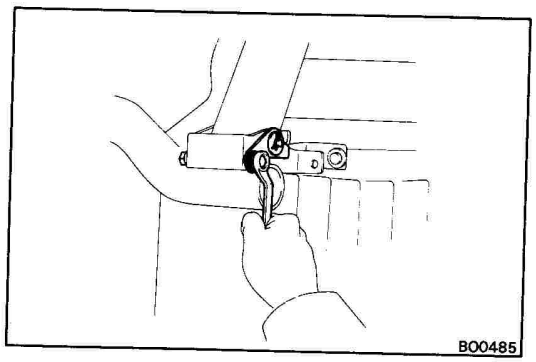
16. REMOVE CAB REAR MOUNTING LOCK ASSEMBLY

If necessary, remove the rear mounting lock assembly in the following order.

(a) Tilt cab lock connecting pipe assembly

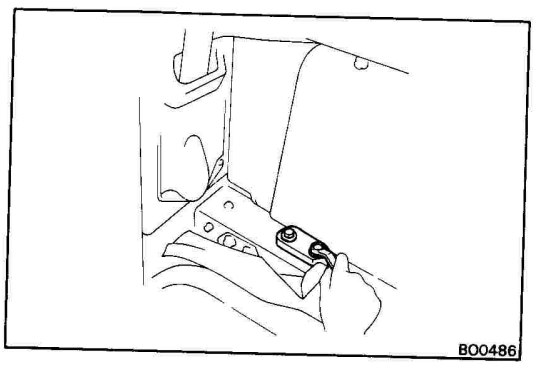
(b) Tilt cab rear mounting LH lock assembly and Tilt cab stopper latch assembly

(c) Tilt cab rear mounting RH lock assembly



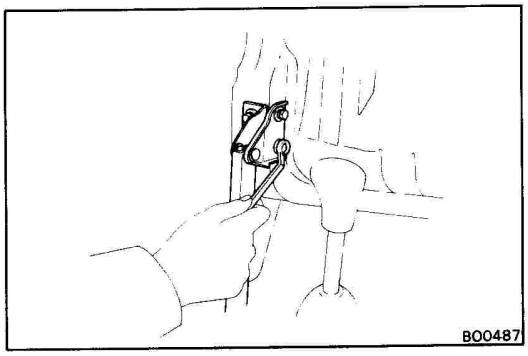
17. REMOVE TILT CAB COIL SPRING

(a) Remove the two coil spring support plate lock bolts.

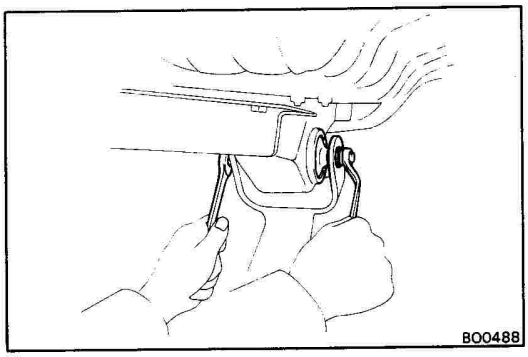


(b) Remove the coil spring upper bracket from the cab.

(c) Remove the coil spring.



18. REMOVE TILT CAB STAY ON CAB SIDE

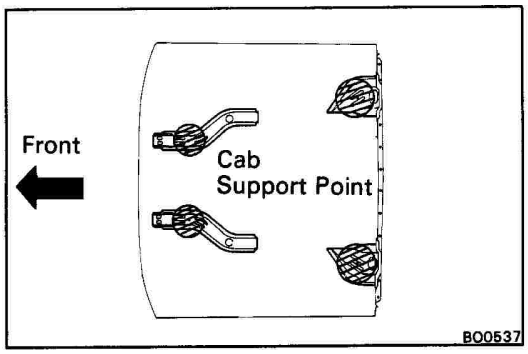


19. REMOVE CAB FRONT MOUNTING

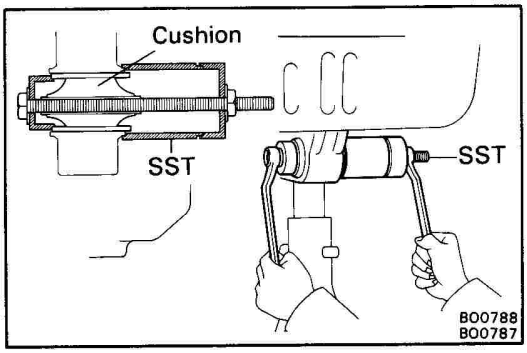
(a) Raise the cab until the mounting force is free.

(b) Remove the left and right cab mount bolts.

(c) Move the vehicle out of the way.

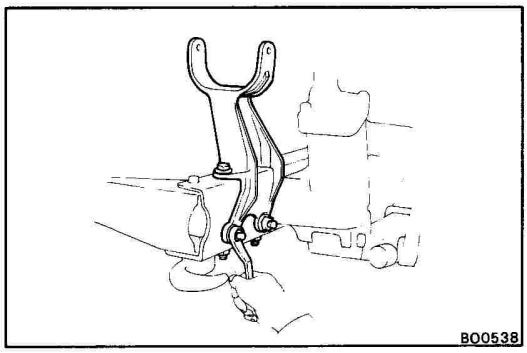


(d) Fit the stand as shown and support the cab.

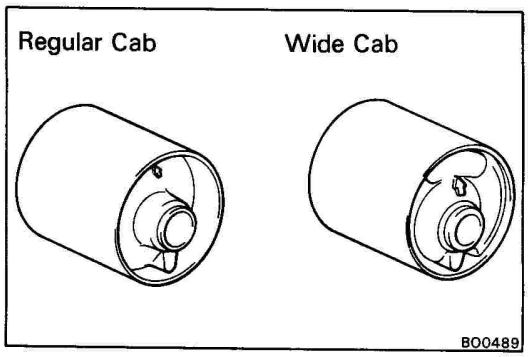


(e) Using SST, remove the left and right mounting cushions.

SST 09830-36010



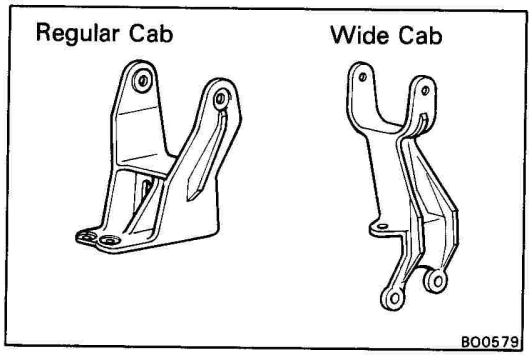
(f) Remove the left and right mounting brackets from the frame.



INSPECTION OF CAB FRONT MOUNTING COMPONENTS AND TILT CAB COIL SPRING

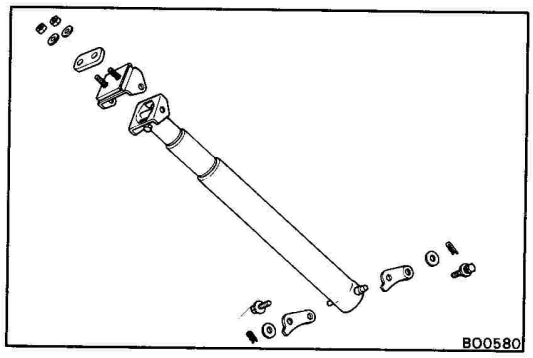
1. INSPECT CAB FRONT MOUNTING CUSHION

Check the mounting cushion for wear or damage.



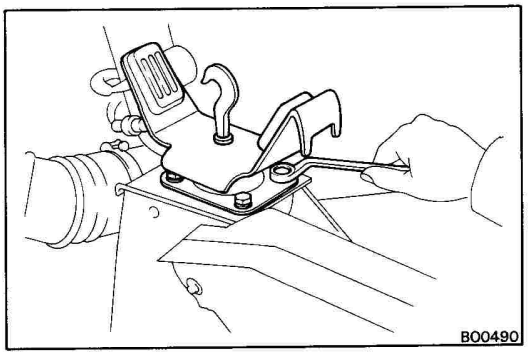
2. INSPECT CAB FRONT MOUNTING BRACKET

Check the mounting bracket for crack or damage.



3. INSPECT TILT CAB COIL SPRING

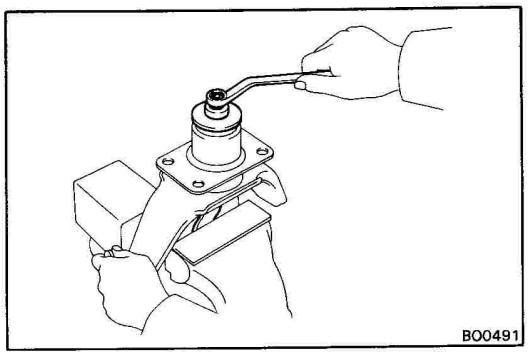
Check the coil spring for wear or damage.



REMOVAL OF CAB REAR MOUNTING

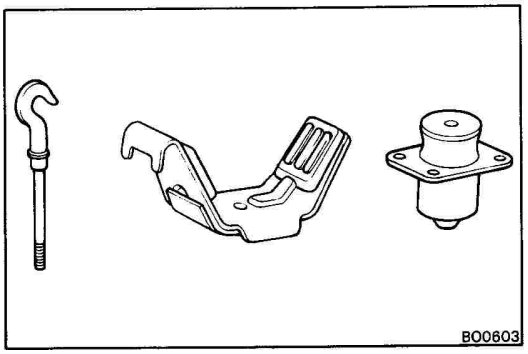
1. REMOVE CAB REAR MOUNTING HOOK BRACKET

Remove the four bolts and remove the bracket with the mounting hook.



2. REMOVE CAB REAR MOUNTING HOOK

Remove the mounting hook from the bracket.



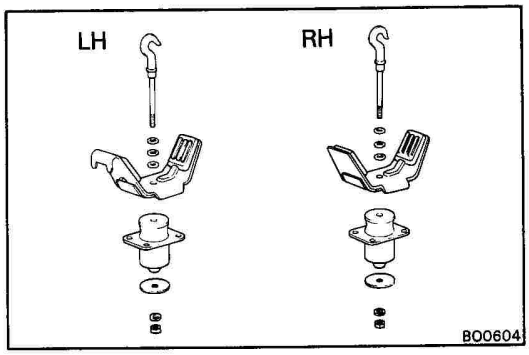
INSPECTION OF CAB REAR MOUNTING ASSEMBLY

INSPECT LEFT AND RIGHT CAB REAR MOUNTING HOOK AND BRACKET

(a) Check the mounting hook for cracks or damage.

(b) Check the bracket for wear or damage.

(c) Check the cushion for wear or damage.



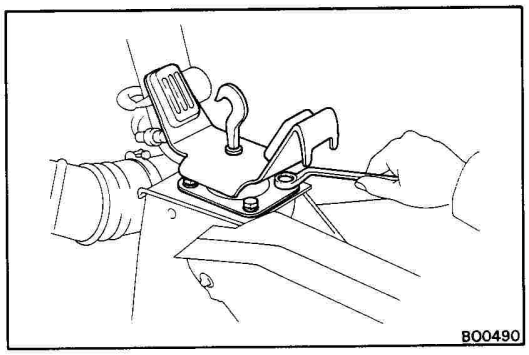
INSTALLATION OF CAB REAR MOUNTING

1. INSTALL CAB REAR MOUNTING HOOK TO BRACKET

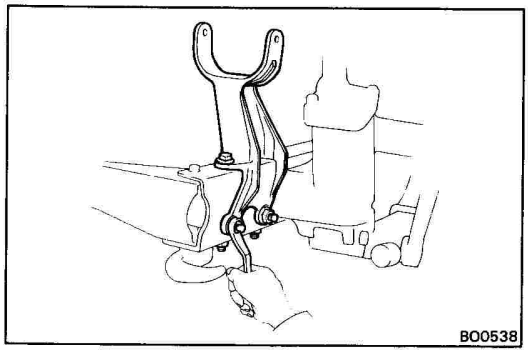
Install the mounting hook through the parts given below:

- Install plate washers
- Bracket
- Cushion
- Plate
- Nut

Torque: 855 kg-cm (62 ft-lb, 84 N·m)



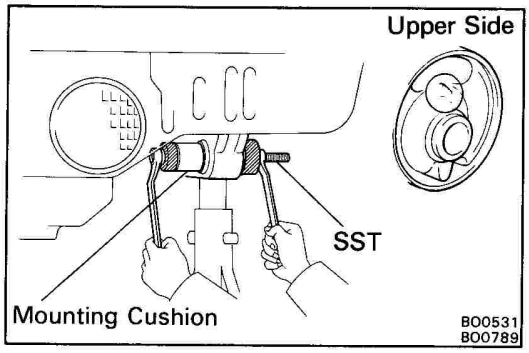
2. TEMPORARILY INSTALL CAB REAR MOUNTING HOOK BRACKET



INSTALLATION OF CAB FRONT MOUNTING

1. **INSTALL CAB FRONT MOUNTING BRACKET TO FRAME**

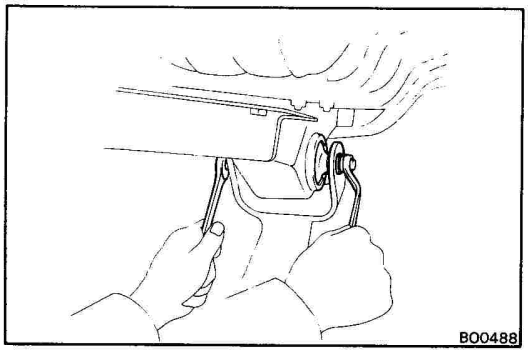
   Torque: 930 kg-cm (67 ft-lb, 91 N·m)



2. **INSTALL CAB FRONT MOUNTING CUSHION TO CAB**

   Using SST, install the left and right mounting cushion to the cab.

   SST 09830-36010



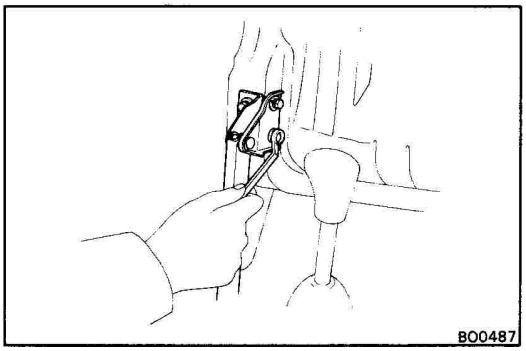
3. **CONNECT CAB FRONT MOUNTING TO BRACKET**

   (a) Hoist the cab.

   (b) Align the left and right mounting cushion to the mounting brackets.

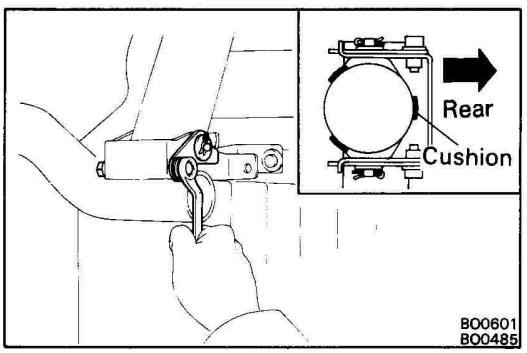
   (c) Insert the left and right mounting bolts and tighten the nuts.

   Torque: 380 kg-cm (27 ft-lb, 37 N·m)



4. **INSTALL TILT CAB STAY TO CAB**

   Torque: 200 kg-cm (14 ft-lb, 20 N·m)



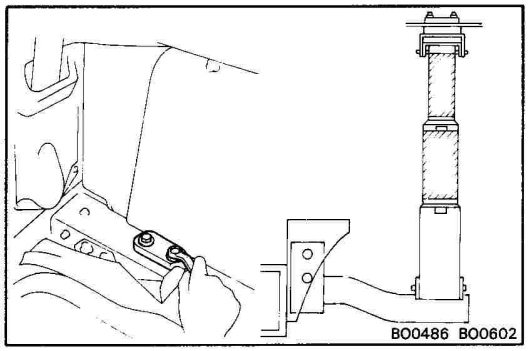
5. **INSTALL TILT CAB COIL SPRING**

   (a) Place the coil spring to the lower bracket.

   NOTE: Install so that one of the cushions faces the back.

   (b) Tighten the two lock bolts of the coil spring support plate.

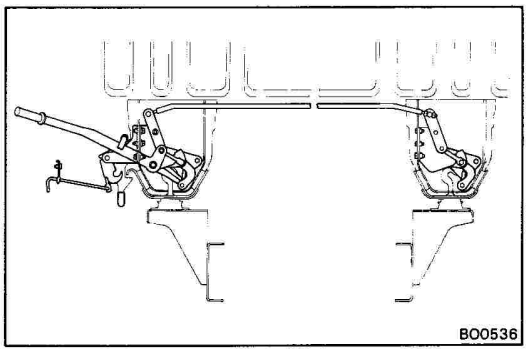
   Torque: 120 kg-cm (9 ft-lb, 12 N·m)



(c) Install the coil spring upper bracket to the cab.

Torque: 120 kg-cm (9 ft-lb, 12 N·m)

(d) Lightly apply MP grease to the coil spring as shown in the drawing at left.



6. INSTALL CAB REAR MOUNTING LOCK ASSEMBLY

(a) Install the right mounting lock.

Torque:
8 mm bolt 185 kg-cm (13 ft-lb, 18 N·m)
10 mm bolt 380 kg-cm (27 ft-lb, 37 N·m)

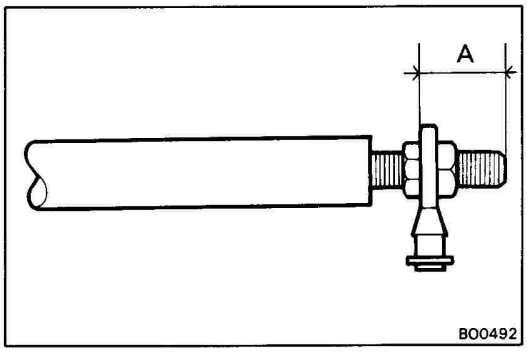
(b) Install the left mounting lock and safety latch assembly.

Torque:
8 mm bolt 185 kg-cm (13 ft-lb, 18 N·m)
10 mm bolt 380 kg-cm (27 ft-lb, 37 N·m)

(c) Install the tilt cab lock connecting pipe assembly.

NOTE: Adjust the connecting pipe so that distance "A" is as specified below.

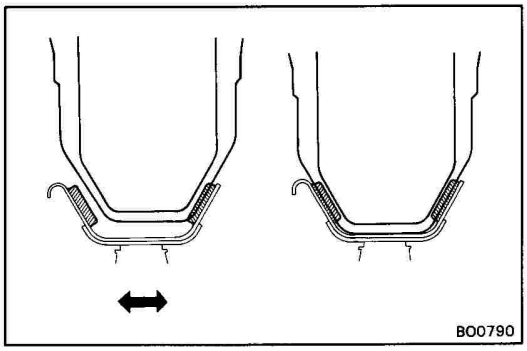
Regular cab 17.6 mm (0.693 in.)
Wide cab 15.0 mm (0.591 in.)



7. TIGHTEN REAR MOUNTING HOOK BRACKET

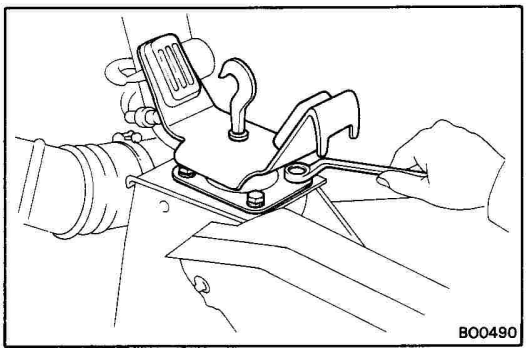
(a) Lower the cab.

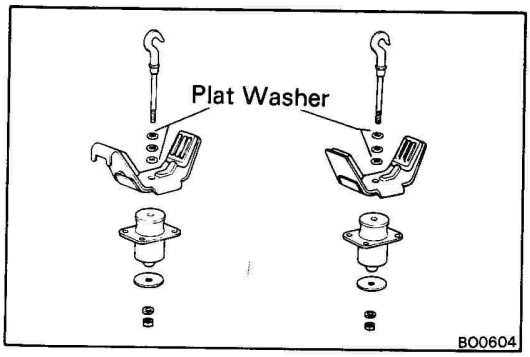
(b) Shift the bracket so that the cab fits secureling in.



(c) Tighten the bracket mounting bolts.

Torque: 700 kg-cm (51 ft-lb, 69 N·m)





8. ADJUST REAR MOUNTING LOCK

(Mounting hook height)

Lock handle operating load: 22 – 30 kg (49 – 66 lb, 216 – 294 N)

(a) If the handle operation is stiff, add the plate washer between the hook and bracket.

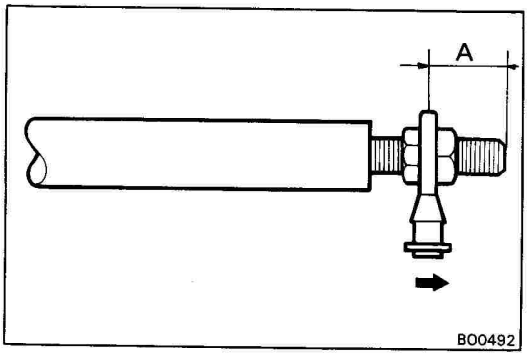
NOTE: In some cases, the plate washer can be increased on one side only.

(b) If the handle operation is too light, decreased the plate washer between the hook and bracket.

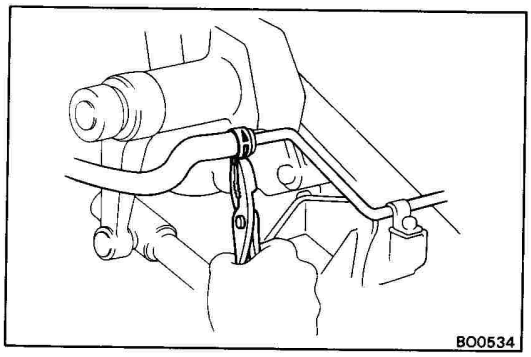
NOTE: In some cases, the plate washer can be decreased on one side only.

(Connecting pipe length)

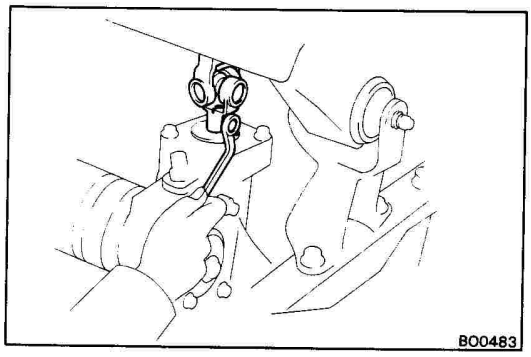
If the handle should pop up when the tilt cab stopper latch is released, more the adjusting ring to the direction which will decrease A.



9. CONNECT ACCELERATOR CABLE



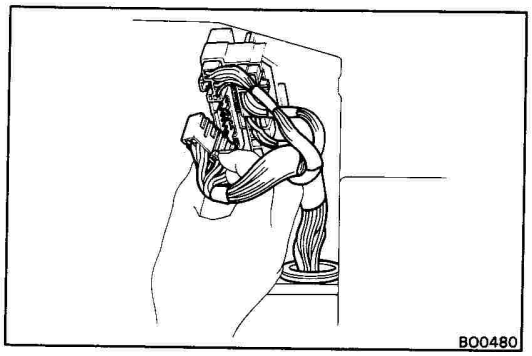
10. CONNECT VACUUM HOSE



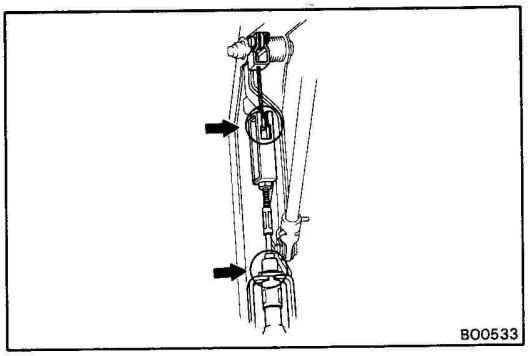
11. CONNECT WORM YOKE TO STEERING WORM SHAFT

Align the matchmarks on the worm yoke and steering worm shaft and torque the bolt.

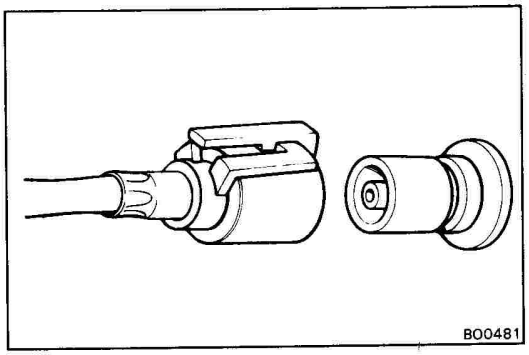
12. LOWER CAB



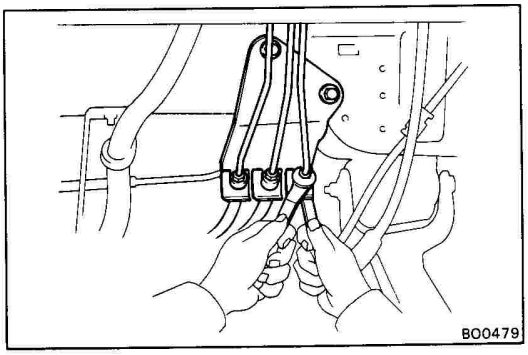
13. CONNECT CONNECTORS



14. INSTALL PARKING BRAKE CABLE



15. CONNECT SPEEDOMETER CABLE



16. CONNECT BRAKE AND CLUTCH TUBES

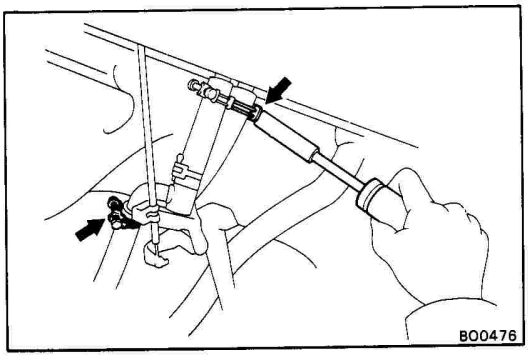
(a) Install the bracket to the cab with the brake and clutch hoses.

(b) Connect the brake and clutch tubes to the hoses by hand.

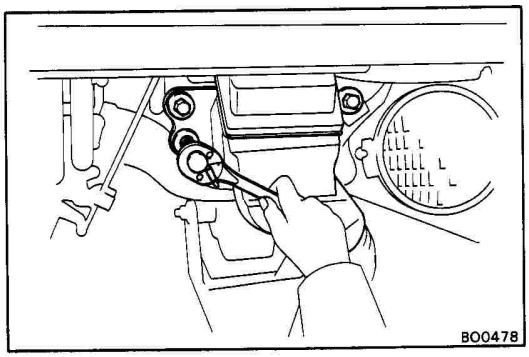
(c) Using a wrench to hold the hose and SST to hold the tube, torque the connection.

SST 09751-36011

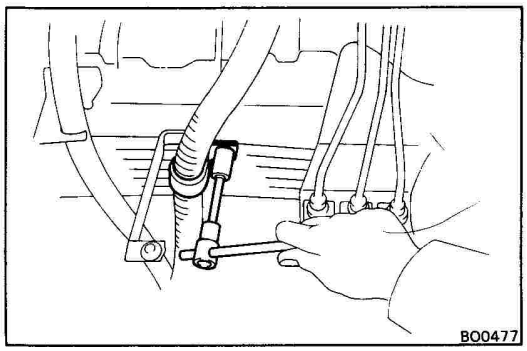
Torque: 245 kg-cm (18 ft-lb, 24 N·m)



17. CONNECT HEATER HOSES



18. INSTALL AIR CLEANER INLET (Front Inlet Type only)



19. INSTALL WIRING HARNESS CLAMP

20. INSTALL FRONT BUMPER

Torque: 240 kg-cm (17 ft-lb, 24 N·m)

21. INSTALL RADIATOR GRILL

22. CONNECT BATTERY CABLE TO NEGATIVE TERMINAL

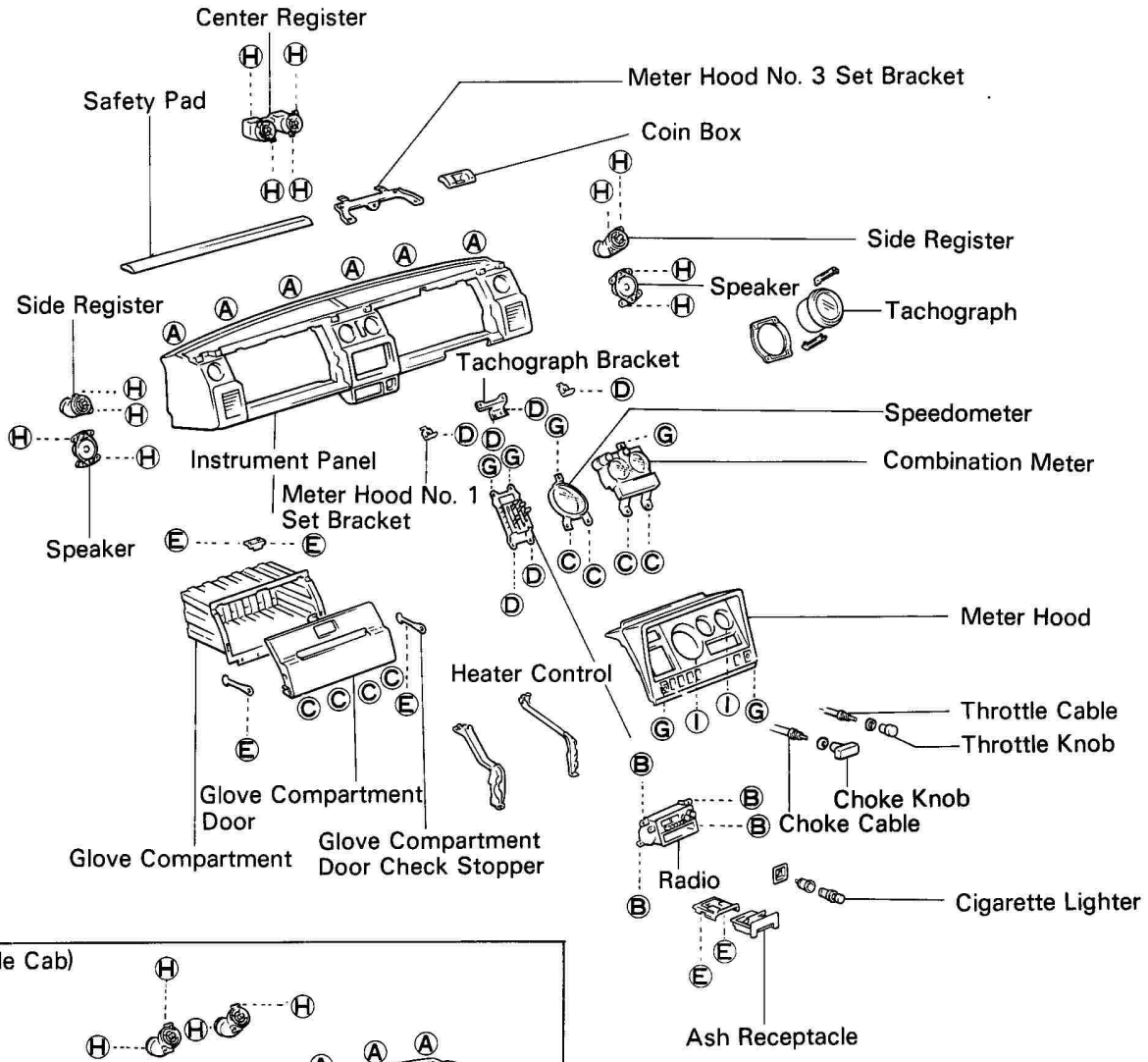
23. BLEED BRAKE AND CLUTCH SYSTEMS

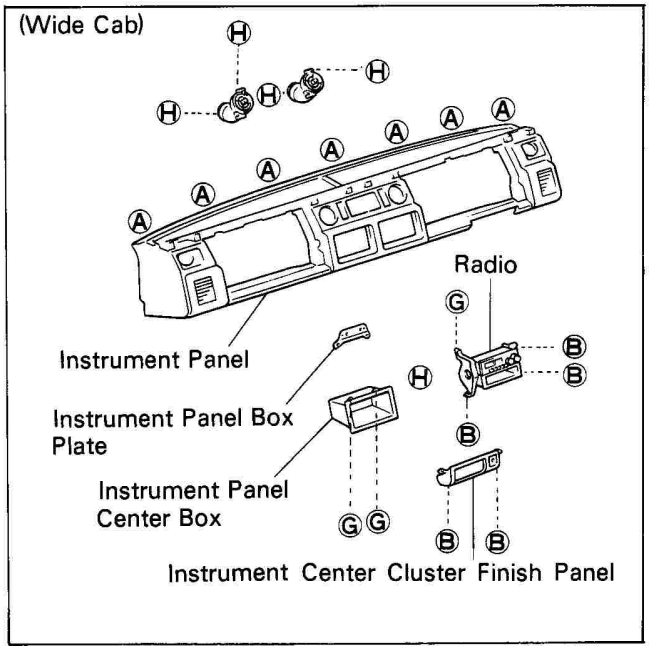
24. FILL COOLANT

Use a good brand of ethylene-glycol base coolant, mixed according to the manufacturer's directions.

INSTRUMENT PANEL

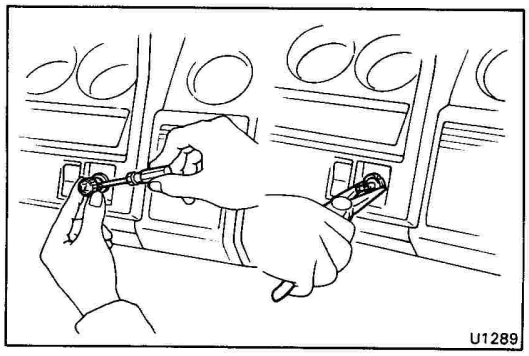
COMPONENTS





No.	Type	No.	Type
A	ϕ6 L=20	F	ϕ5 L=14
B	ϕ5 L=16	G	ϕ5 L=16
C	ϕ5 L=16	H	ϕ5 L=14
D	ϕ5 L=14	I	ϕ5 L=16
E	ϕ5 L=18		

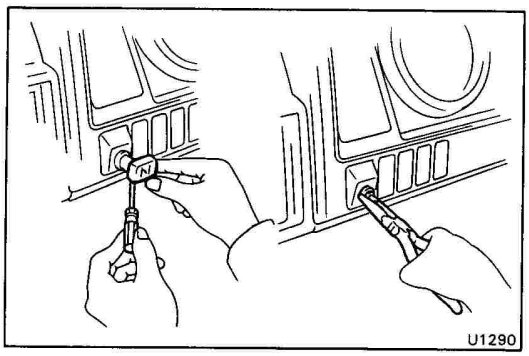
BO058*
BO058*



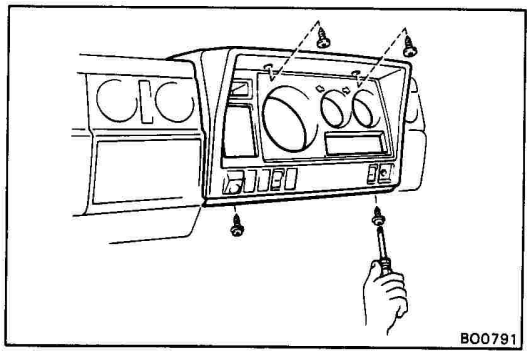
REMOVAL OF INSTRUMENT PANEL

(See page BO-44)

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

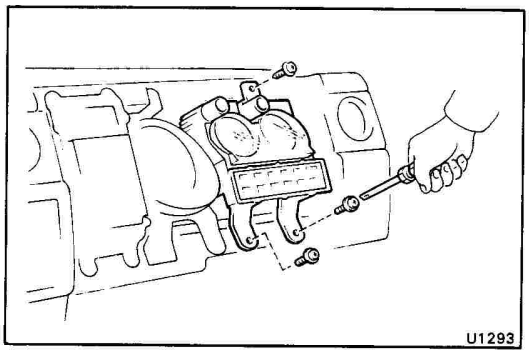


2. **REMOVE THROTTLE CABLE**
   (a) Loosen the knob set screw and remove the knob.
   (b) Remove the set nut and cable.
3. **(YU, RU series)**
   REMOVE CHOKE CABLE
   (a) Loosen the knob set screw and remove the knob.
   (b) Remove the set nut and cable.

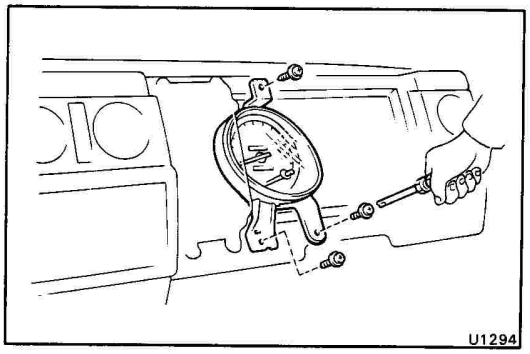


(w/o Tachograph)

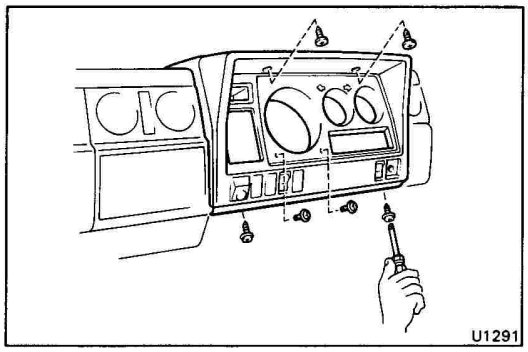
4. **REMOVE METER HOOD**
   (a) Remove the four screws.
   (b) Disconnect the connectors and remove the meter hood.



5. **REMOVE COMBINATION METER**
   (a) Remove the three screws.
   (b) Disconnect the two connectors and remove the combination meter.



6. **REMOVE SPEEDOMETER**
   (a) Remove the three screws.
   (b) Disconnect the connector and speedometer cable.
   (c) Remove the speedometer.



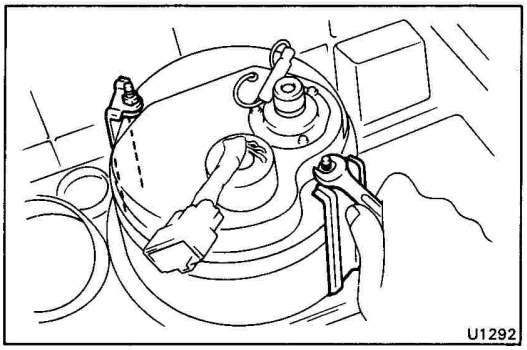
(w/ Tachograph)

7. REMOVE METER HOOD

(a) Remove the six screws.

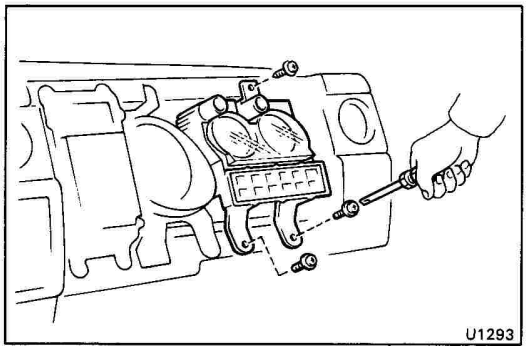
(b) Disconnect the connectors and speedometer cable.

(c) Remove the meter hood.



8. REMOVE TACHOGRAPH

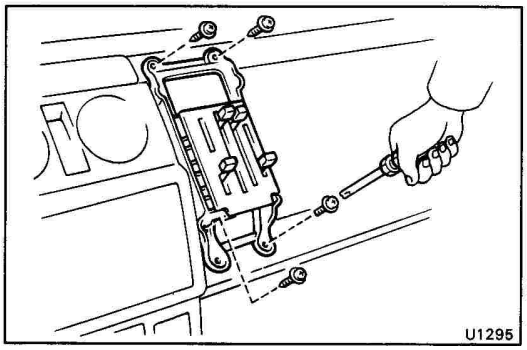
Remove the two screws and the tachograph from the meter hood.



9. REMOVE COMBINATION METER

(a) Remove the three screws.

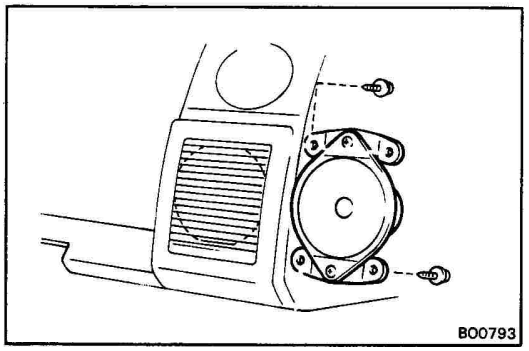
(b) Disconnect the two connectors and remove the combination meter.



10. REMOVE HEATER CONTROL ASSEMBLY

(a) Remove the two screws.

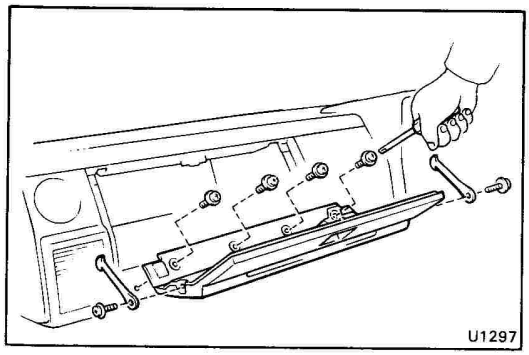
(b) Remove the heater control assembly.



11. (Driver side)
REMOVE SPEAKER

(a) Remove the two screws.

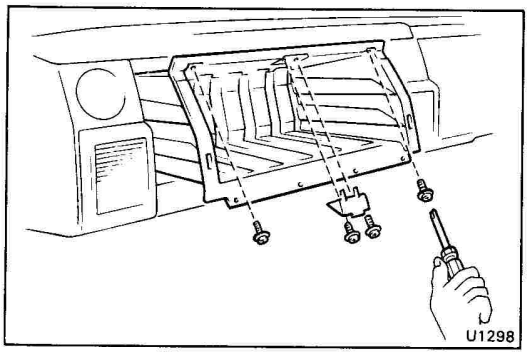
(b) Disconnect the connector and remove the speaker.



12. REMOVE GLOVE COMPARTMENT DOOR

(a) Remove the screws of glove compartment door check stopper from the glove compartment door side.

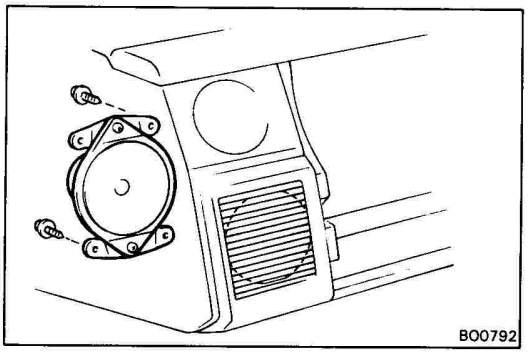
(b) Remove the four screws and remove the glove compartment door.



13. REMOVE GLOVE COMPARTMENT

(a) Remove the two screws and glove compartment door lock striker.

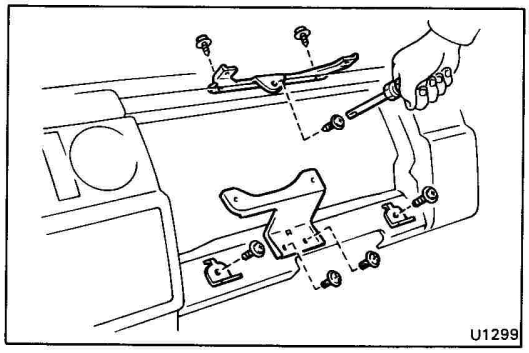
(b) Remove the two screws and glove compartment.



14. (Passenger side)
REMOVE SPEAKER

(a) Remove the two screws.

(b) Disconnect the connector and remove the speaker.

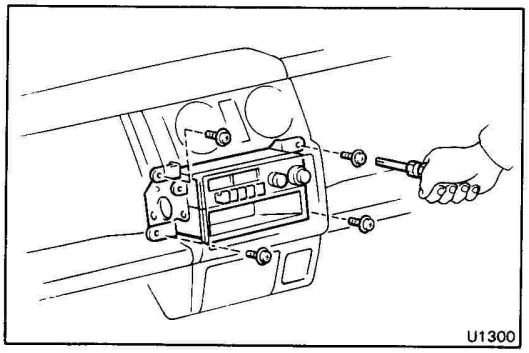


15. REMOVE METER HOOD SET BRACKETS

(a) Remove the screw of meter hood set bracket No. 1 and the three screws of bracket No. 3.

(b) Remove the meter hood brackets.

(c) Remove the tachograph bracket (w/ tachograph).

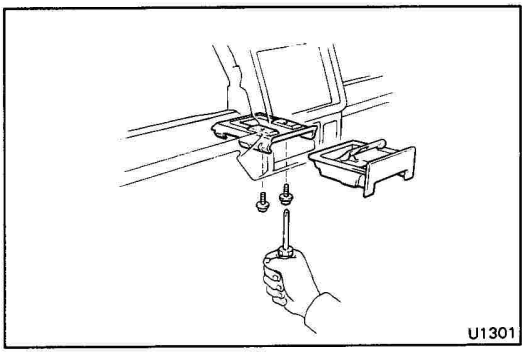


(Regular Cab)

16. REMOVE RADIO

(a) Remove the four screws.

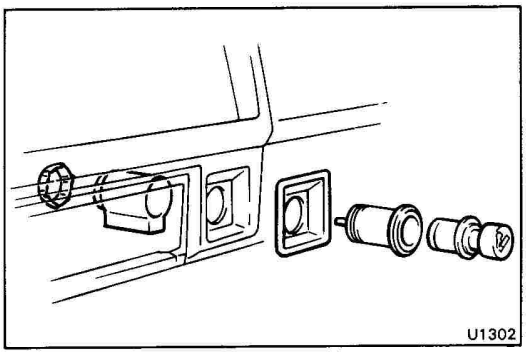
(b) Disconnect the connectors and antenna cable then remove the radio.



17. REMOVE ASH RECEPTACLE AND RETAINER

(a) Remove the ash receptacle.

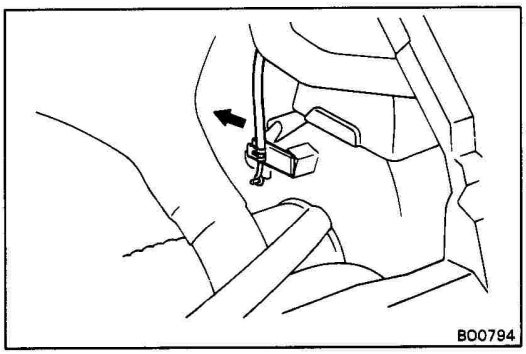
(b) Remove the two screws and retainer.



18. REMOVE CIGARETTE LIGHTER ASSEMBLY

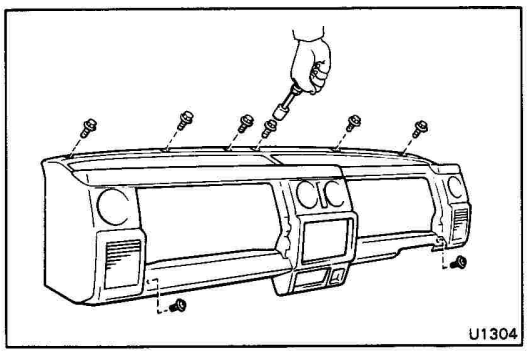
(a) Disconnect the connector.

(b) Remove the screw ring and cigarette lighter assembly.



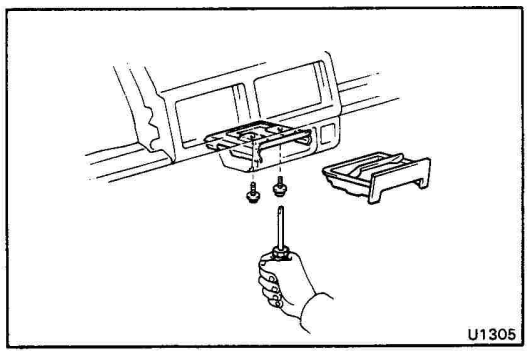
19. DISCONNECT INSTRUMENT PANEL CENTER REGISTER WIRE

Remove the wire set screw and disconnect the wire.



20. REMOVE INSTRUMENT PANEL

Remove the eight screws and instrument panel.



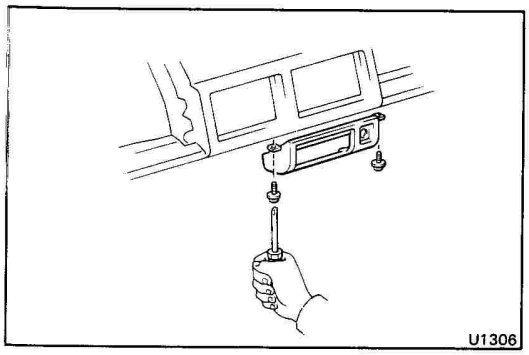
(Wide Cab)

21. REMOVE ASH RECEPTACLE AND RETAINER

(a) Remove the ash receptacle.

(b) Remove the two screws and retainer.

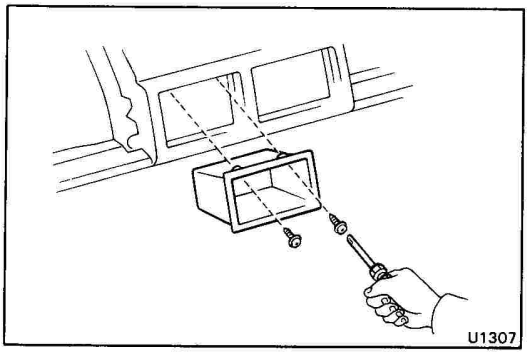
22. REMOVE CIGARETTE LIGHTER ASSEMBLY
(See step 14 on page BO-47)



23. REMOVE INSTRUMENT CENTER PANEL

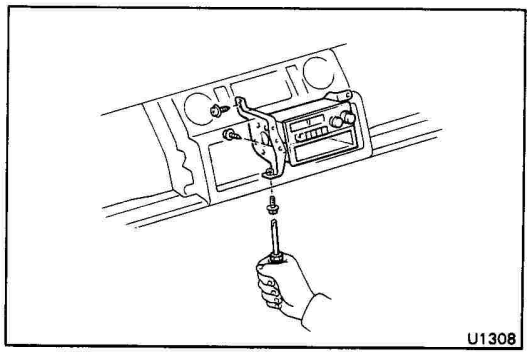
(a) Remove the two screws.

(b) Remove the cigarette lighter connector and the instrument center cluster finish panel.



24. REMOVE INSTRUMENT PANEL CENTER BOX

Remove the two screws and instrument panel center box.



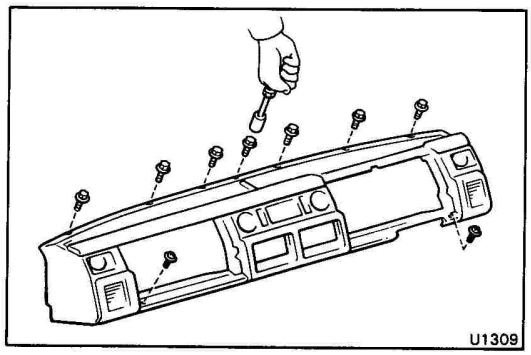
25. REMOVE RADIO

(a) Remove the five screws.

(b) Disconnect the connector and antenna cable and remove the radio.

26. DISCONNECT INSTRUMENT PANEL CENTER REGISTER WIRE

(See step 15 on page BO-47)



27. REMOVE INSTRUMENT PANEL

Remove the nine screws and instrument panel.

DISASSEMBLY OF INSTRUMENT PANEL

1. **REMOVE CENTER REGISTER**
   (a) Remove the center register control knob.
   (b) Remove the center register.
   (c) Disconnect the center register control wire.
2. **REMOVE SIDE REGISTER**
3. **REMOVE SAFETY PAD**
4. **REMOVE COIN BOX**
5. **(Wide Cab)**
   REMOVE DEFROSTER CENTER REGISTER
6. **(Wide Cab)**
   REMOVE INSTRUMENT PANEL BOX PLATE

ASSEMBLY OF INSTRUMENT PANEL

(See page BO-44)

ASSEMBLE PARTS OF INSTRUMENT PANEL IN REVERSE SEQUENCE OF DISASSEMBLY

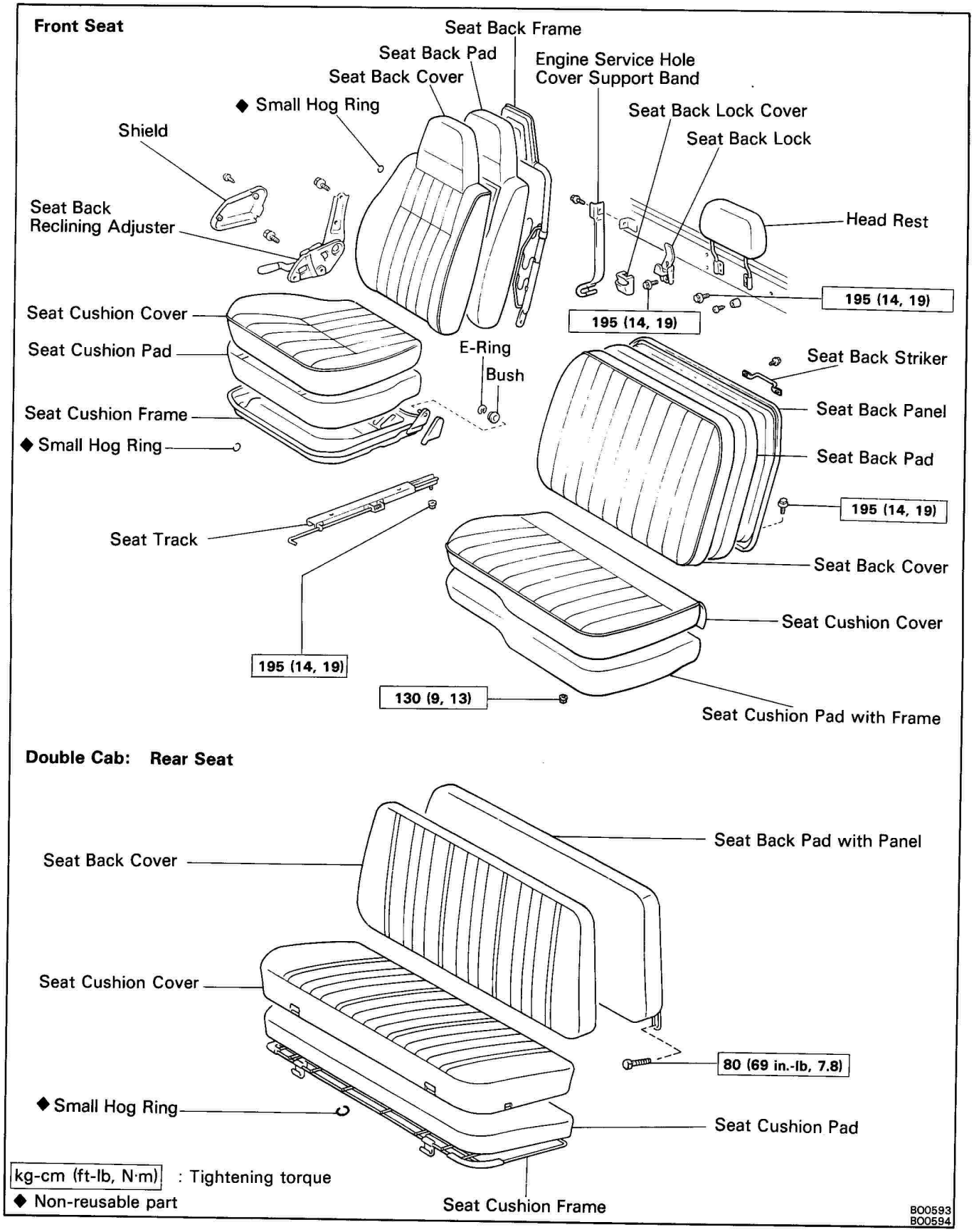
INSTALLATION OF INSTRUMENT PANEL

(See page BO-44)

INSTALL PARTS OF INSTRUMENT PANEL IN REVERSE SEQUENCE OF REMOVAL

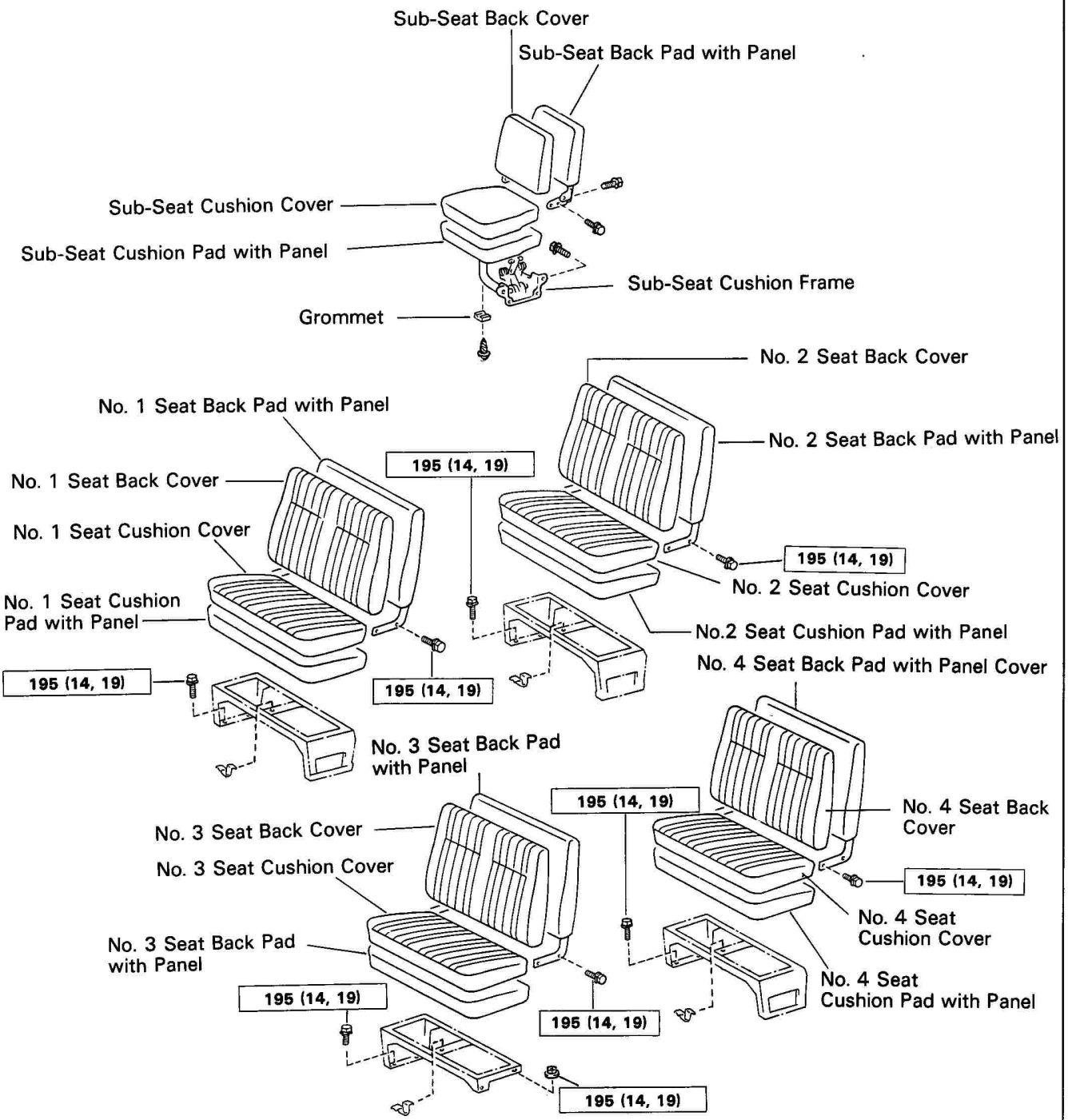
SEAT

COMPONENTS



COMPONENTS (Cont'd)

Bus series
Forward Seat



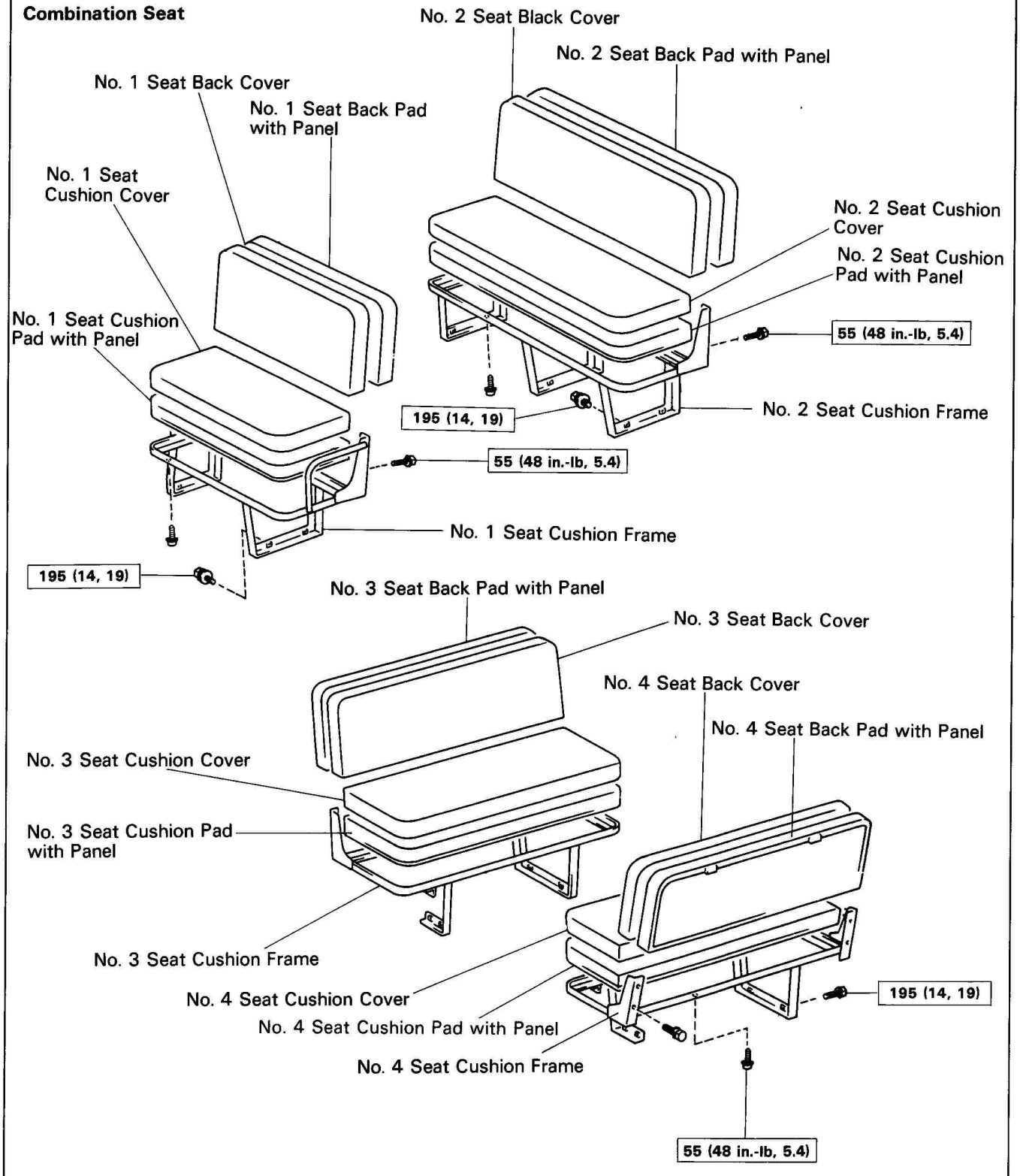
kg-cm (ft-lb, N·m) : Tightening torque

B00595

COMPONENTS (Cont'd)

Bus series

Combination Seat

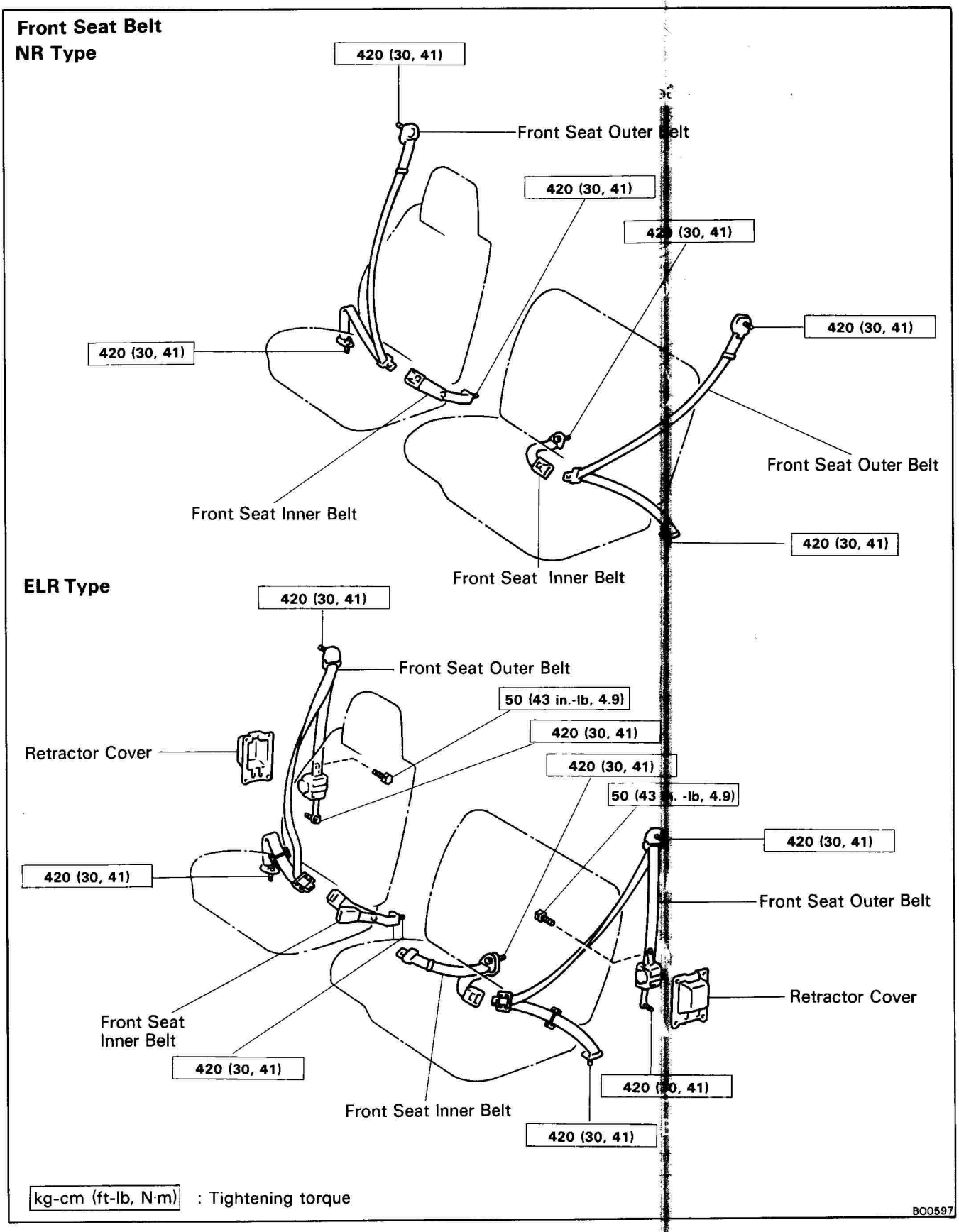


kg-cm (ft-lb, N·m) : Tightening torque

BO0596

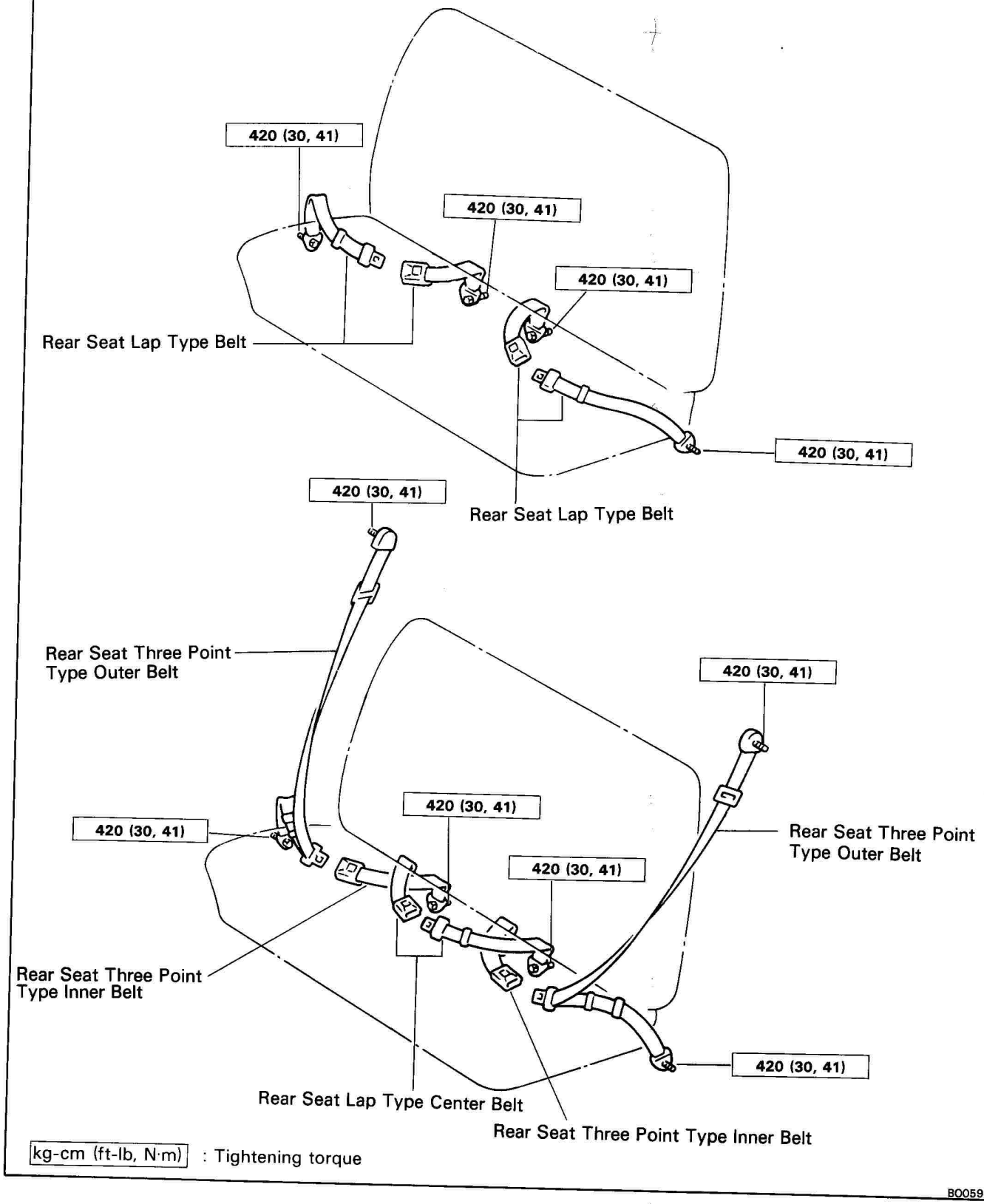
SEAT BELT

COMPONENTS



COMPONENTS (Cont'd)

Rear Seat Belt

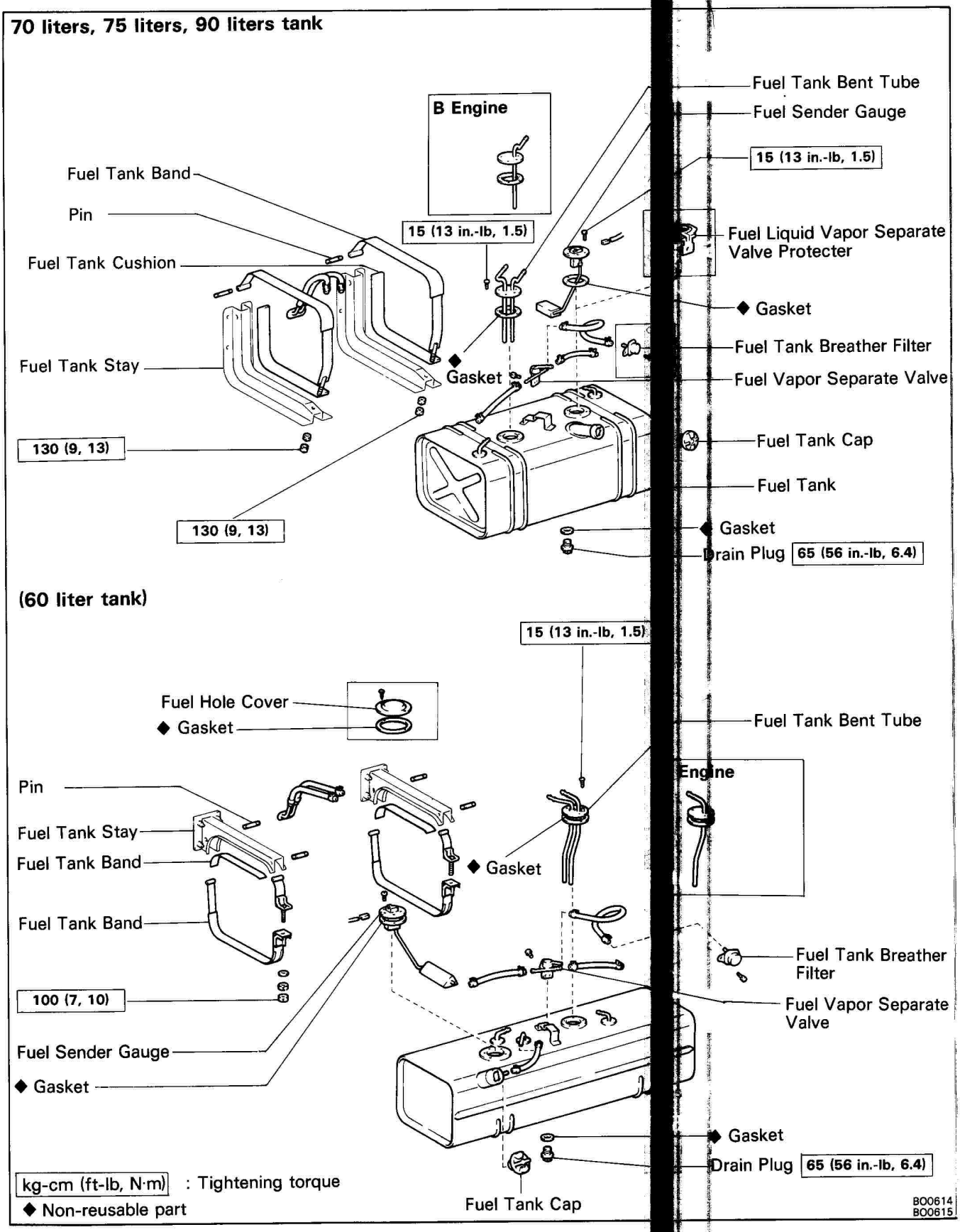


kg-cm (ft-lb, N·m) : Tightening torque

BO0598

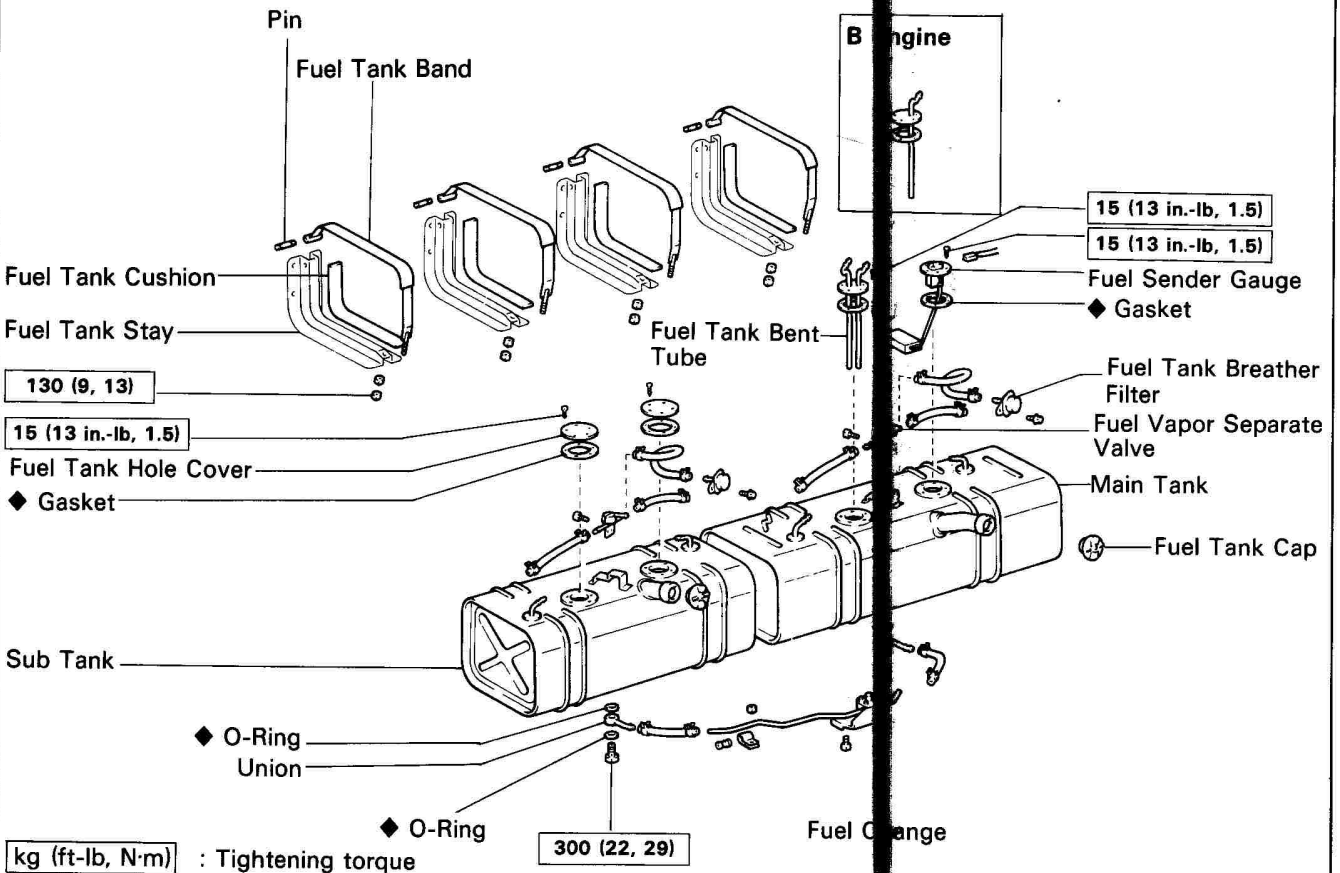
FUEL TANK AND LINE

COMPONENTS



COMPONENTS (Cont'd)

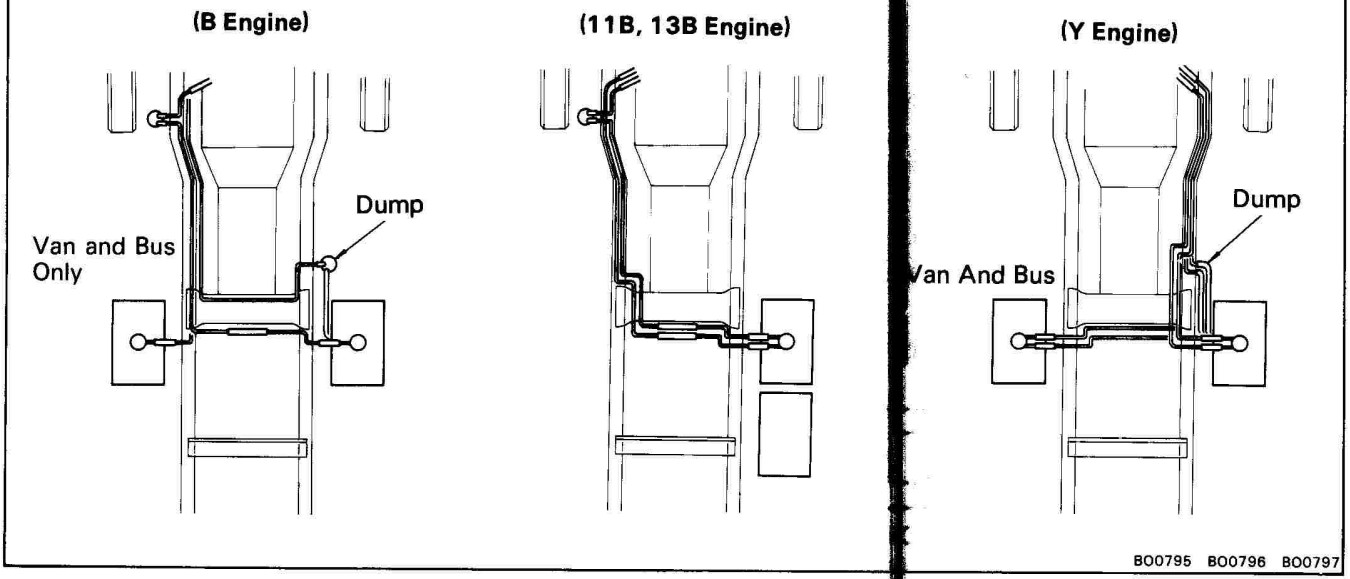
90 liters + 70 liters Sub-Tank



BO0616

FUEL LINE

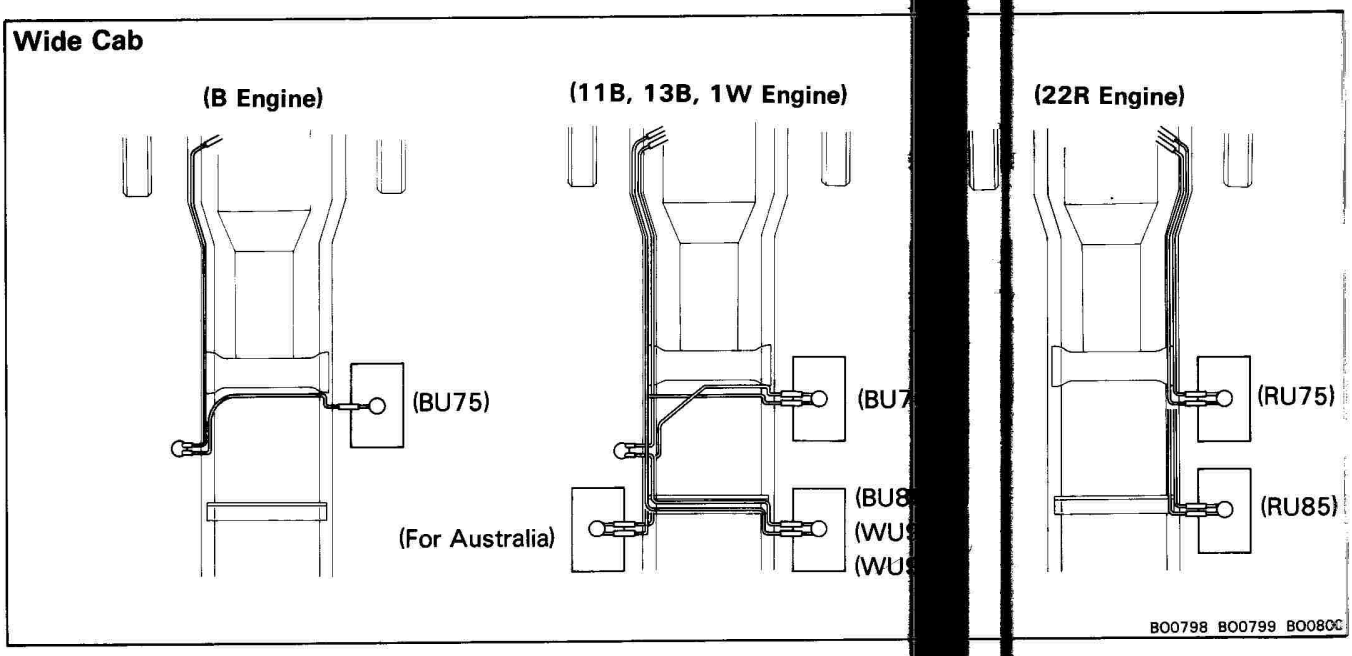
Regular Cab



BO0795 BO0796 BO0797

FUEL LINE (Cont'd)

Wide Cab



PRECAUTIONS

1. **Always use new gas[illegible] when replacing the fuel tank or component part.**
2. **Apply the proper tor[illegible] to all parts tightend.**

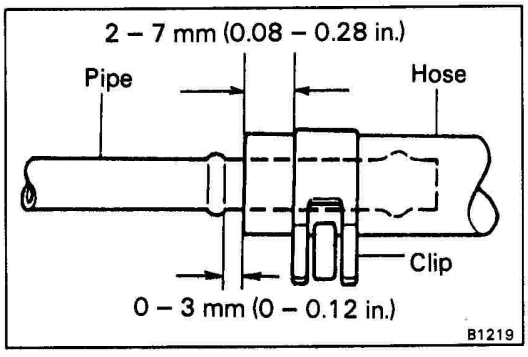
INSPECT FUEL LINE[illegible]ND CONNECTIONS

(a) Inspect the fuel l[illegible] for cracks or leakage and connections for defo[illegible]ion.

(b) Inspect the fuel [illegible] va[illegible]or vent system hoses and connections for l[illegible]nes[illegible], sharp bends or damage.

(c) Inspect the fuel [illegible] fo[illegible] deformation, cracks, fuel leakage or tank b[illegible]loo[illegible]seness.

(d) Inspect the filler [illegible] fo[illegible] damage or fuel leakage.



(e) Hose and tube [illegible]ec[illegible]ons are as shown in the illustration.

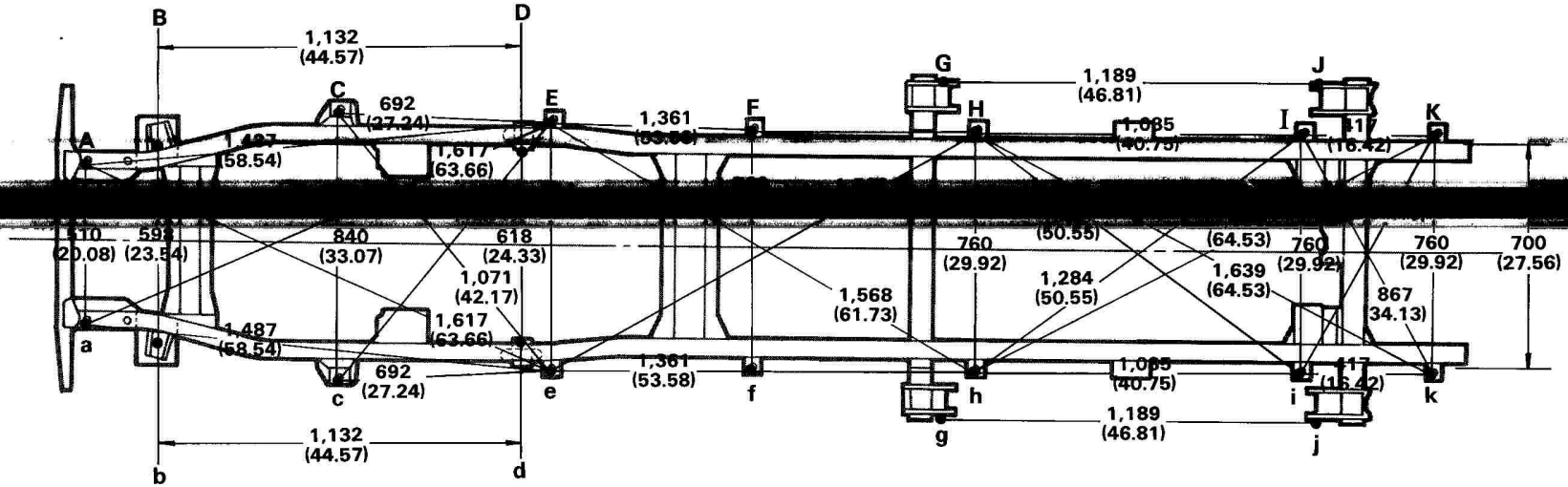
If problem found, repa[illegible] re[illegible]lace the parts as necessary.

FRAME DIMENSIONS

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole-front outer side	15 (0.59)
B , b	Front spring front hanger hole—inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)
D , d	Front spring rear hanger hole—inner	30 (1.18)
E , e	Rear body mounting hole	18 (0.71)

Symbol	Nomenclature	Hole dia.
F , f	Rear body mounting hole	18 (0.71)
G , g	Rear spring front hanger hole—outer	16 (0.63)
H , h	Rear body mounting hole	18 (0.71)
I , i	Rear body mounting hole	18 (0.71)
J , j	Rear spring rear hanger hole—outer	16 (0.63)
K , k	Rear body mounting hole	18 (0.71)

B00714

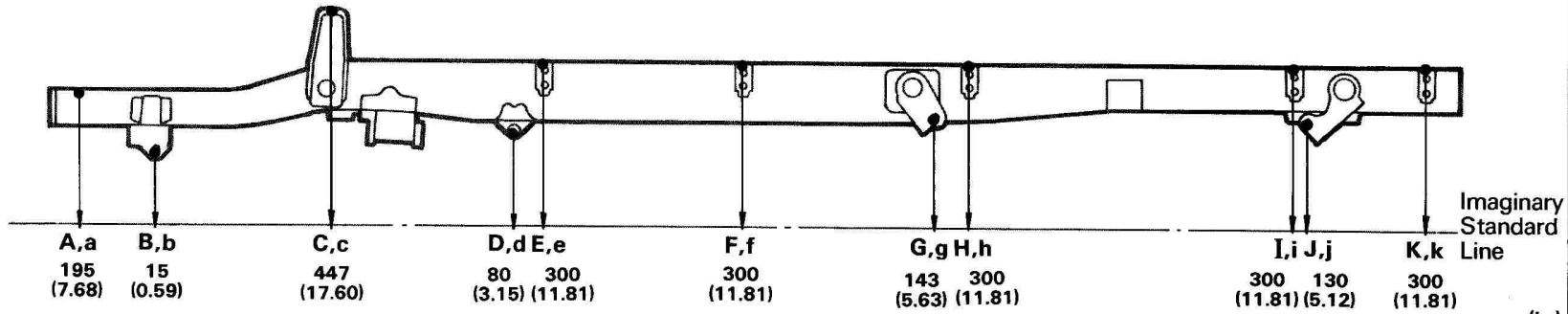


Front

Single Tire (Low bed)

BU60R(L)-MD(3) BU61R-MD(3) YU60L-MD(3)

Wheel base	2,500 (98.43)



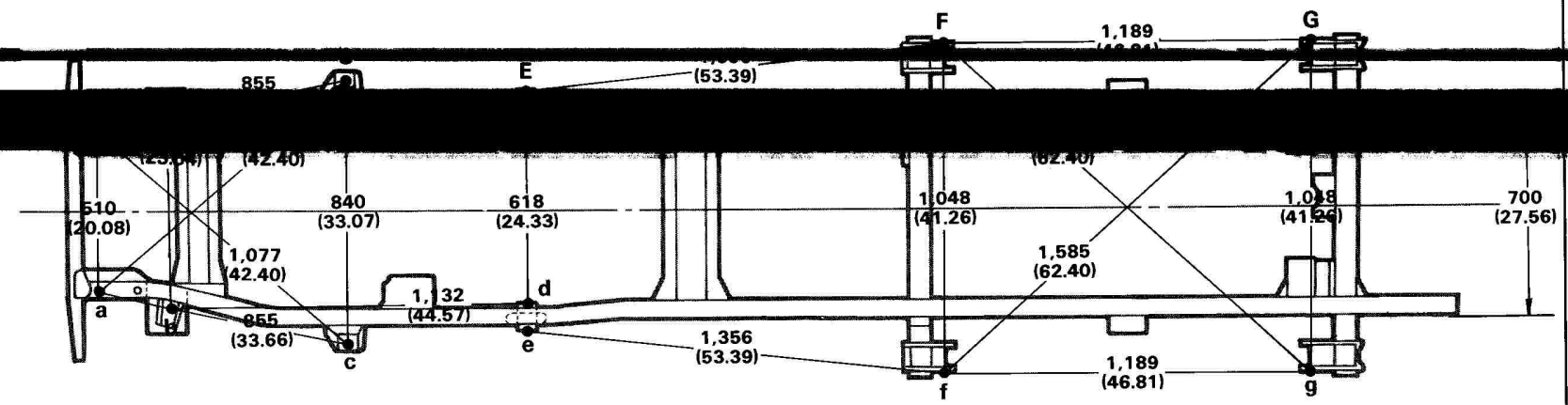
A,a	B,b	C,c	D,d	E,e	F,f	G,g	H,h	I,i	J,j	K,k
195 (7.68)	15 (0.59)	447 (17.60)	80 (3.15)	300 (11.81)	300 (11.81)	143 (5.63)	300 (11.81)	300 (11.81)	130 (5.12)	300 (11.81)

mm (in.)

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole—front outer side	15 (0.59)
B , b	Front spring front hanger hole—inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

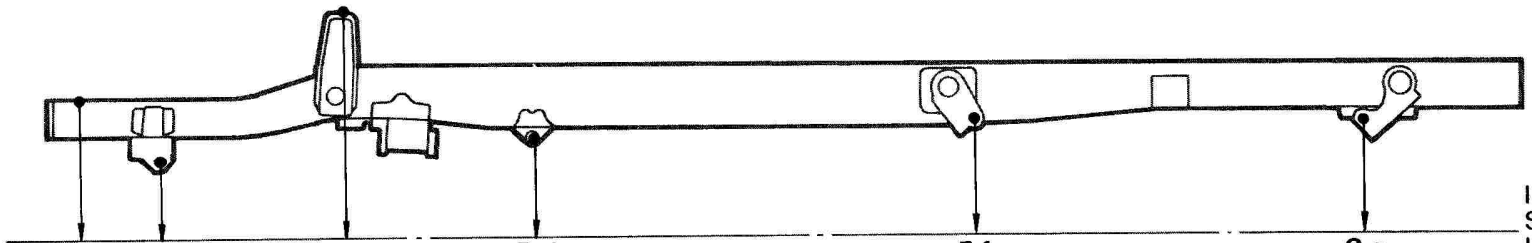
Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole—inner	30 (1.18)
E , e	Front spring rear hanger hole—outer	30 (1.18)
F , f	Rear spring front hanger hole—outer	16 (0.63)
G , g	Rear spring rear hanger hole—outer	16 (0.63)

B00715



Front

Wheel base	2,500 (98.43)



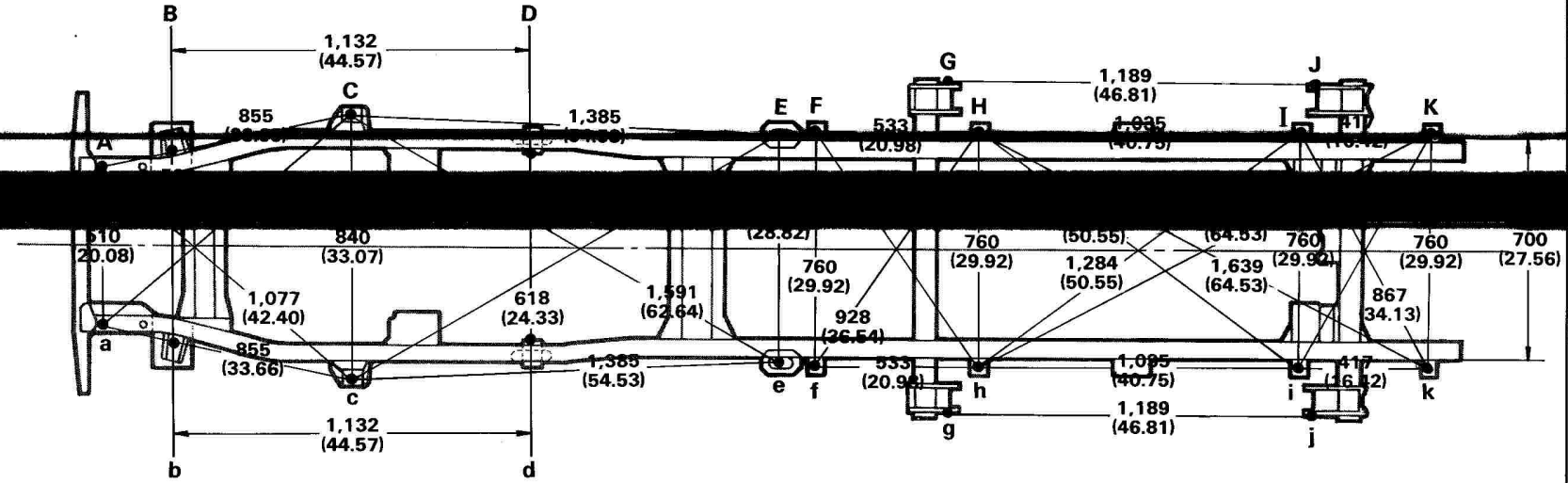
mm (in.)

Single Tire (Flat bed)
BU60R(L)-MDB BU60R-MDBQ YU60L-MDB

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole—front outer side	15 (0.59)
B , b	Front spring front hanger hole—inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)
D , d	Front spring rear hanger hole—inner	30 (1.18)
E , e	Cab mounting hole	72 x 35 (2.83 x 1.38)

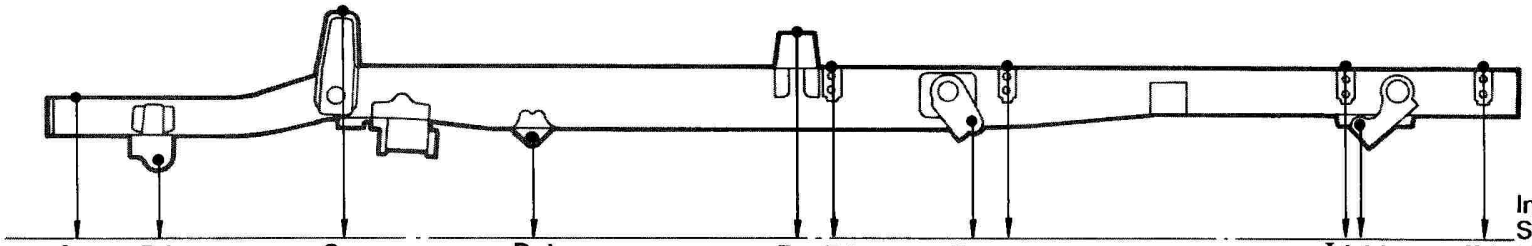
Symbol	Nomenclature	Hole dia.
F , f	Rear body mounting hole	18 (0.71)
G , g	Rear spring front hanger hole—outer	16 (0.63)
H , h	Rear body mounting hole	18 (0.71)
I , i	Rear body mounting hole	18 (0.71)
J , j	Rear spring rear hanger hole—outer	16 (0.63)
K , k	Rear body mounting hole	18 (0.71)

B00716



Front

Wheel base	2,500 (98.43)



A,a	B,b	C,c	D,d	E,e	F,f	G,g	H,h	I,i	J,j	K,k
195 (7.68)	15 (0.59)	447 (17.60)	80 (3.15)	396 (15.59)	300 (11.81)	143 (5.63)	300 (11.81)	300 (11.81)	130 (5.12)	300 (11.81)

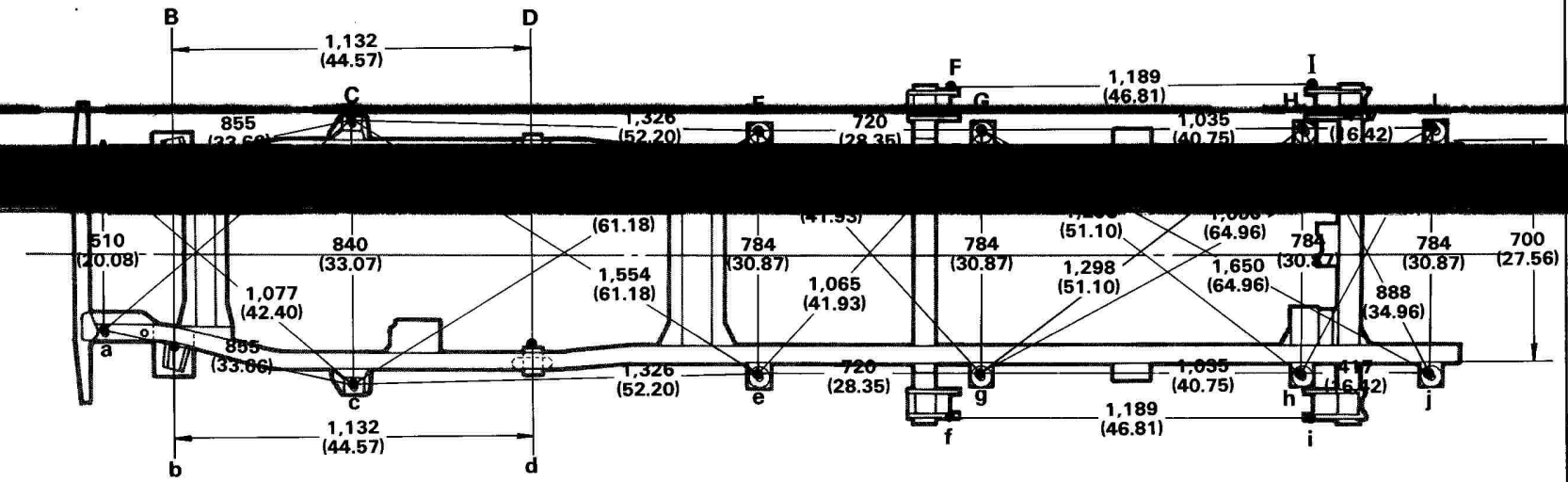
mm (in.)

Double Cab
BU60R(L)-MDP BU60R-MDPQ YU60L-MDP

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front outer side	15 (0.59)
B , b	Front spring front hanger hole–inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)
D , d	Front spring rear hanger hole–inner	30 (1.18)
E , e	Rear body mounting hole	24 (0.94)

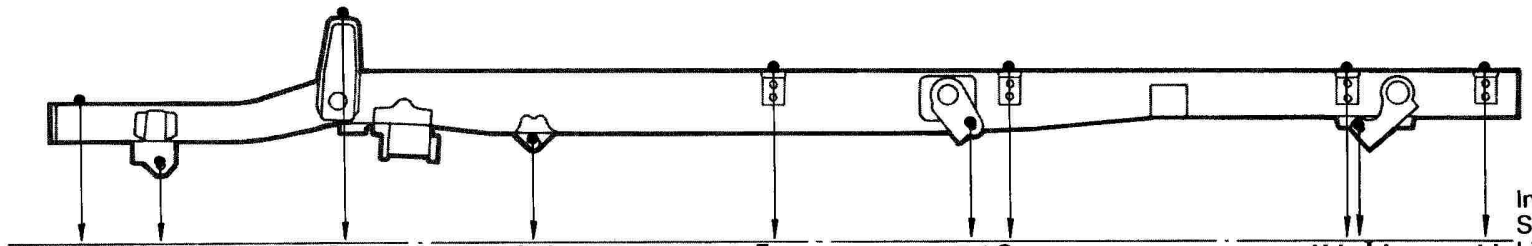
Symbol	Nomenclature	Hole dia.
F , f	Rear spring front hanger hole–outer	16 (0.63)
G , g	Rear body mounting hole	24 (0.94)
H , h	Rear body mounting hole	24 (0.94)
I , i	Rear spring rear hanger hole–outer	16 (0.63)
J , j	Rear body mounting hole	24 (0.94)
–	–	–

B00717



Front

Wheel base	2,500 (98.43)



A,a	B,b	C,c	D,d	E,e	F,f	G,g	H,h	I,i	J,j
195 (7.68)	15 (0.59)	447 (17.60)	80 (3.15)	300 (11.81)	143 (5.63)	300 (11.81)	300 (11.81)	130 (5.12)	300 (11.81)

mm (in.)

Van and Bus
BU70LV(B)-MD YU70LV(B)-MD

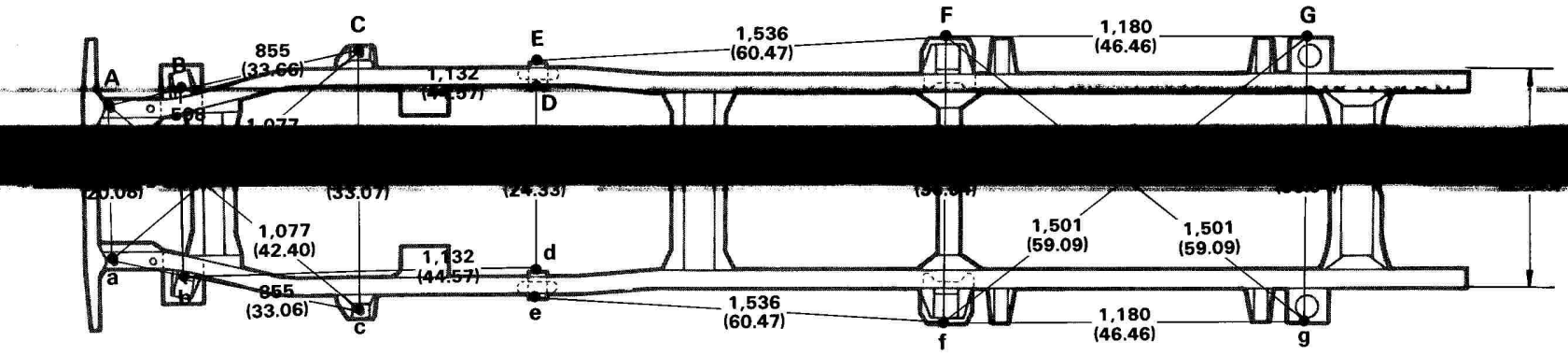
Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front outer side	15 (0.59)
B , b	Front spring front hanger hole–inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole–inner	30 (1.18)
E , e	Front spring rear hanger hole–outer	30 (1.18)
F , f	Rear spring front hanger hole–outer	16 (0.63)
G , g	Rear spring rear hanger hole–outer	16 (0.63)

B00718

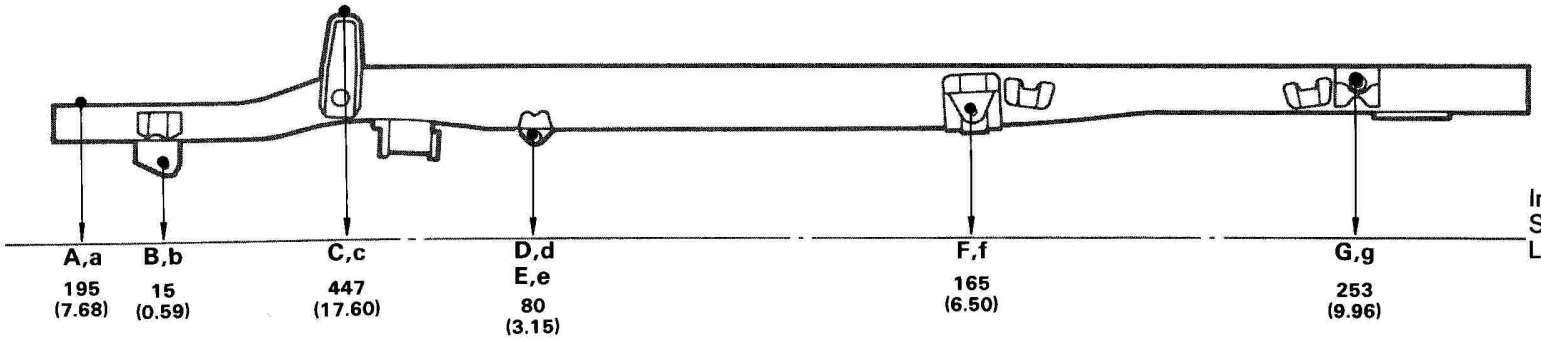
Regular Cab-Double Tire (Short wheel base)

BU60R(L)-MDBT BU60R-MDBTQ BU61R(L)-MDBT(3) YU60R-MDBT(3) YU60L-MDBTW(3) BU62LH-MDDHT



Front

Wheel base	2,500 (98.43)



mm (in.)

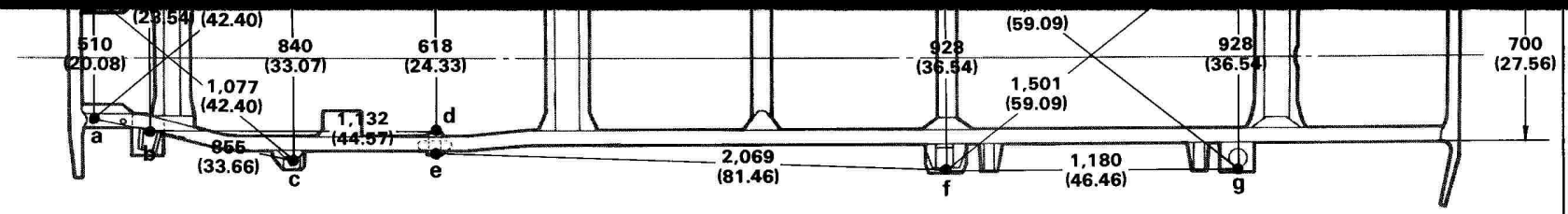
Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole—front outer side	15 (0.59)
B , b	Front spring front hanger hole—inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole—inner	30 (1.18)
E , e	Front spring rear hanger hole—outer	30 (1.18)
F , f	Rear spring front hanger hole—outer	16 (0.63)
G , g	Rear spring rear hanger hole—outer	16 (0.63)

B00719

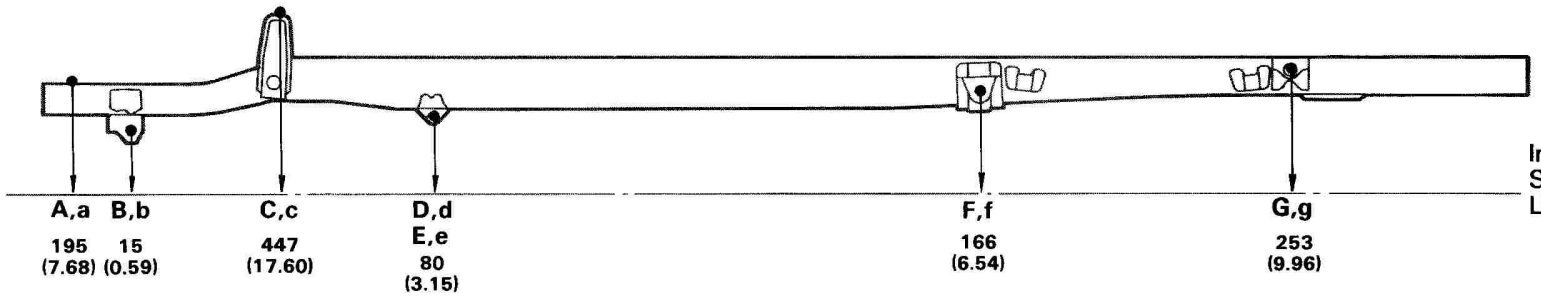
Regular Cab-Double Tire (Long wheel base)

BU80R(L)-MDDT(3) BU81R(L)-MDDT(3) YU80R(L)-MDDT(3)
BU80R-MDDTY BU81R-MDDTY BU82R-MDDTY



Front

Wheel base	3,215 (126.57)



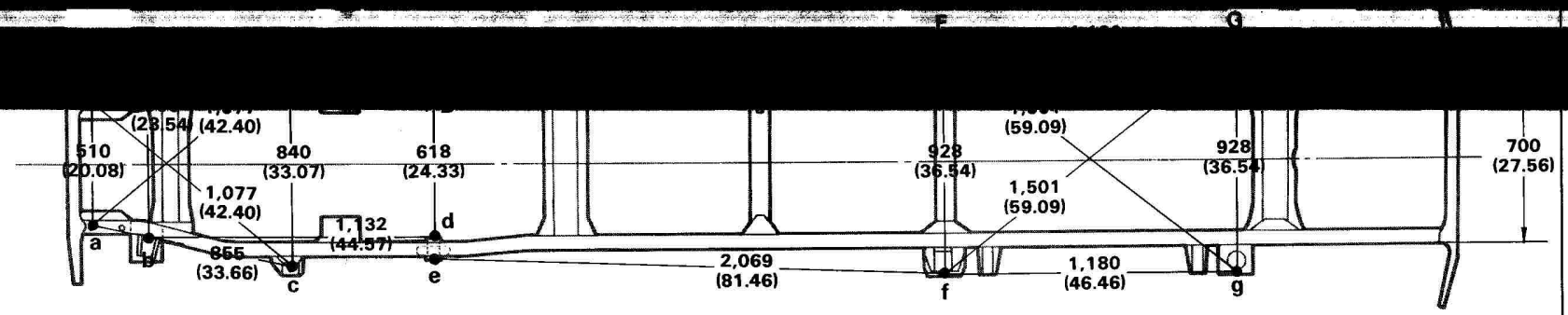
mm (in.)

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole—front outer side	15 (0.59)
B , b	Front spring front hanger hole—inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole—inner	30 (1.18)
E , e	Front spring rear hanger hole—outer	30 (1.18)
F , f	Rear spring front hanger hole—outer	16 (0.63)
G , g	Rear spring rear hanger hole—outer	16 (0.63)

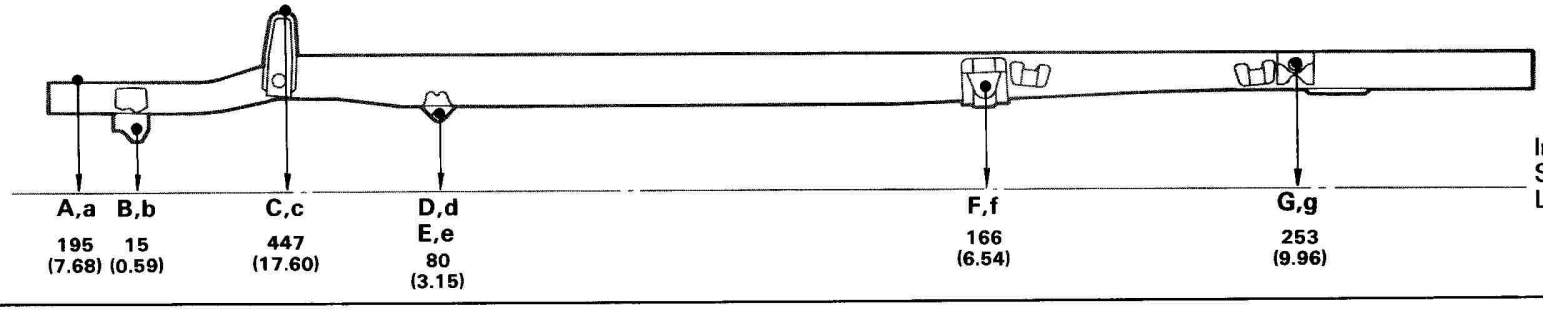
B00719

Regular Cab-Double Tire (Long wheel base)
BU80R(L)-MDDT(3) BU81R(L)-MDDT(3) YU80R(L)-MDDT(3)
BU80R-MDDTY BU81R-MDDTY BU82R-MDDTY



Front

Wheel base	3,215 (126.57)

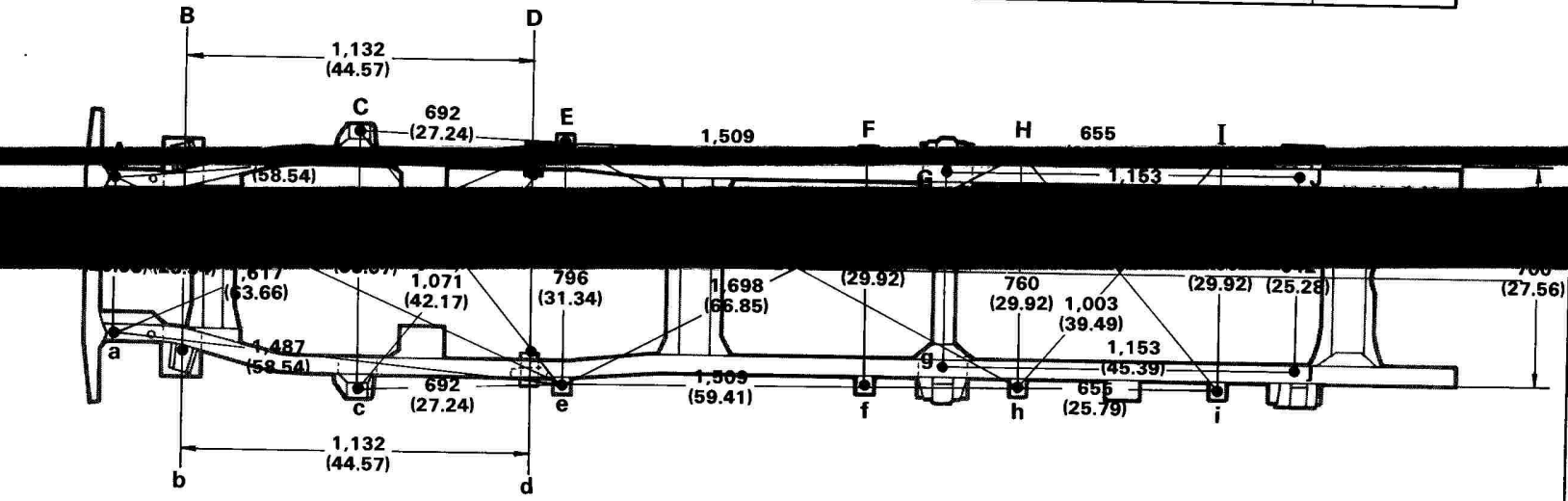


mm (in.)

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front outer side	15 (0.59)
B , b	Front spring front hanger hole–inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)
D , d	Front spring rear hanger hole–inner	30 (1.18)
E , e	Rear body mounting hole	18 (0.71)

Symbol	Nomenclature	Hole dia.
F , f	Rear body mounting hole	18 (0.71)
G , g	Rear spring front hanger hole–inner	16 (0.63)
H , h	Rear body mounting hole	18 (0.71)
I , i	Rear body mounting hole	18 (0.71)
J , j	Rear spring rear hanger hole–inner	16 (0.63)
–	–	–

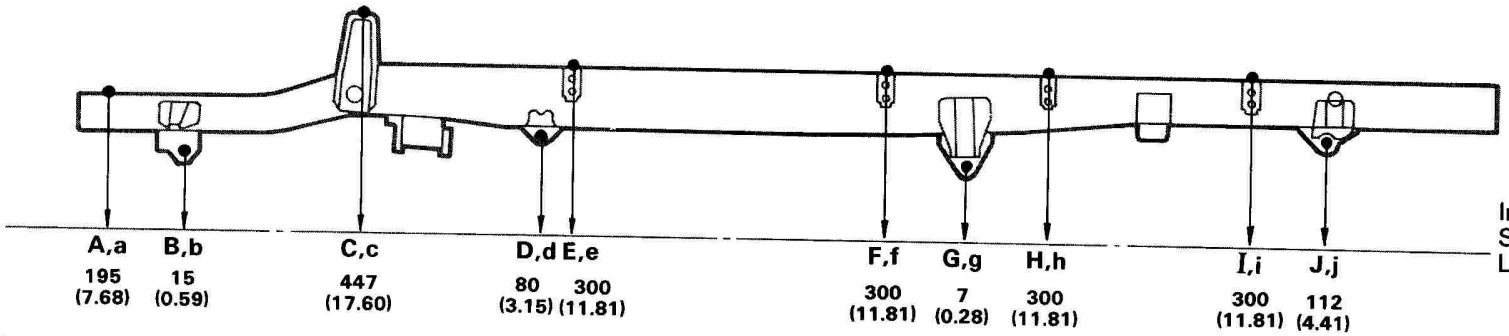
B00720



Front ←

Just Low (Short wheel base)
BU60R-MDGT

Wheel base	2,500 (98.43)

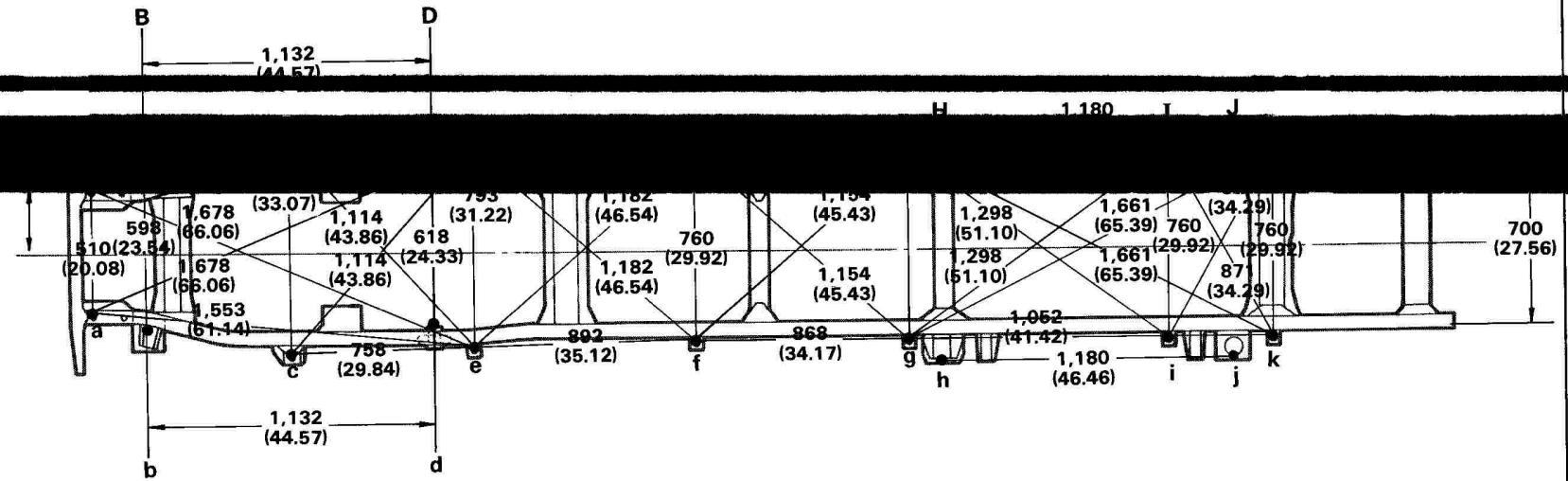


mm (in.)

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front outer side	15 (0.59)
B , b	Front spring front hanger hole–inner	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)
D , d	Front spring rear hanger hole–inner	30 (1.18)
E , e	Rear body mounting hole	15 (0.59)

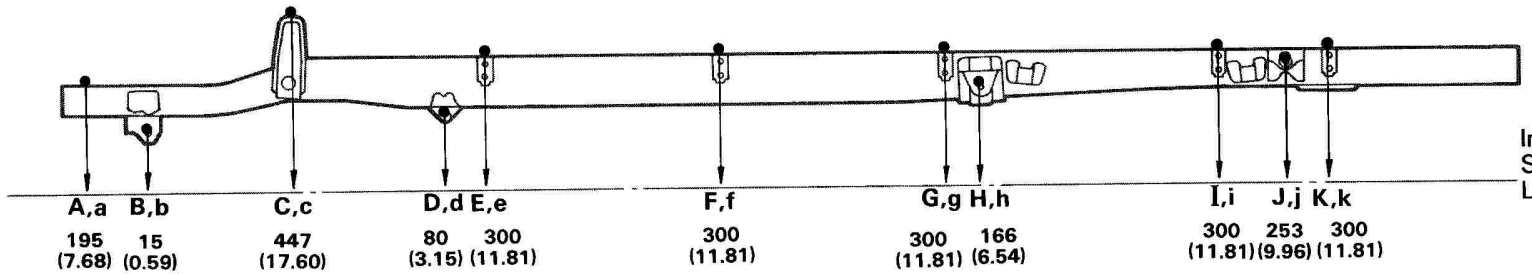
Symbol	Nomenclature	Hole dia.
F , f	Rear body mounting hole	15 (0.59)
G , g	Rear body mounting hole	15 (0.59)
H , h	Rear spring front hanger hole–outer	16 (0.63)
I , i	Rear body mounting hole	15 (0.59)
J , j	Rear spring rear hanger hole–outer	16 (0.63)
K , k	Rear body mounting hole	15 (0.59)

B00721



Front ←

Wheel base	3,215 (126.57)



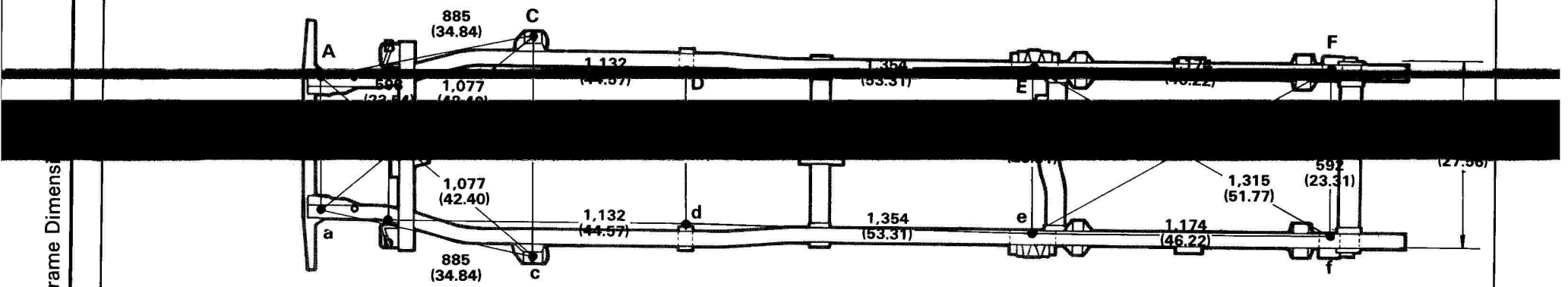
mm (in.)

Just Low (Long wheel base)
BU80R-MDGT(3)

Symbol	Nomenclature	Hole dia.
A, a	Cab front mounting bracket installation hole—front outer side	15 (0.59)
B, b	Front spring front hanger hole—inner	16 (0.63)
C, c	Shock absorber installation hole	16 (0.63)

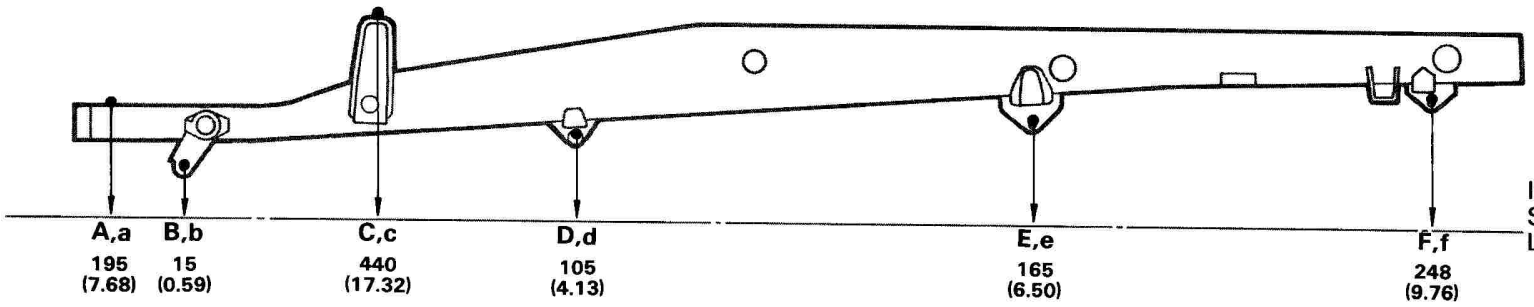
Symbol	Nomenclature	Hole dia.
D, d	Front spring rear hanger hole—inner	30 (1.18)
E, e	Rear spring front hanger hole—inner	16 (0.63)
F, f	Rear spring rear hanger hole—inner	16 (0.63)

BO0722



Front

Wheel base	2,500 (98.43)



A,a	B,b	C,c	D,d	E,e	F,f
195 (7.68)	15 (0.59)	440 (17.32)	105 (4.13)	165 (6.50)	248 (9.76)

mm (in.)

Dump
BU63RD-MDTQ YU61LD-MDT

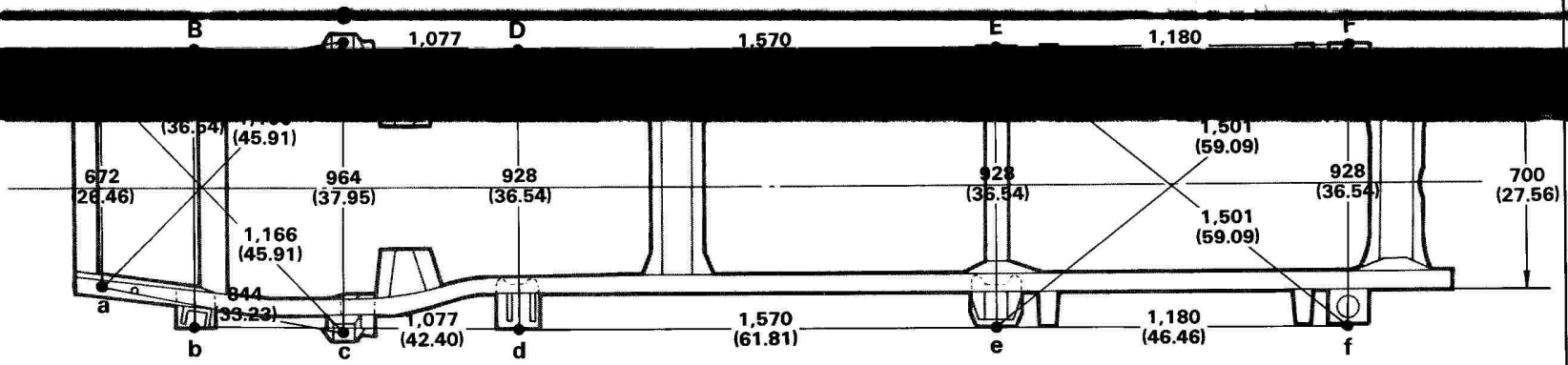
Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front side	13 (0.51)
B , b	Front spring front hanger hole–outer	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole–outer	16 (0.63)
E , e	Rear spring front hanger hole–outer	16 (0.63)
F , f	Rear spring rear hanger hole–outer	16 (0.63)

B00723

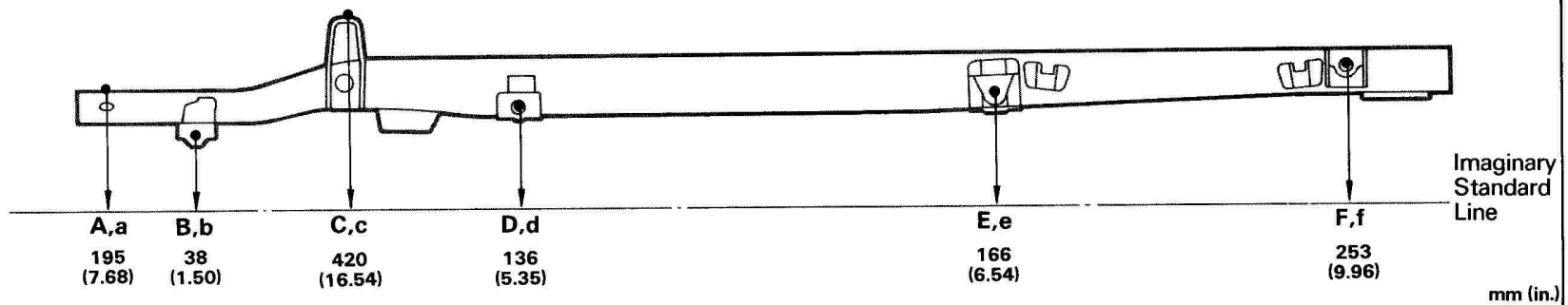
Wide Cab (Semi-long wheel base)

BU75R(L)-MDDT(3) BU75L-MDDTW3 BU76R(L)-MDDT(3) RU75[illegible]



Front

Wheel base	2,690 (105.91)



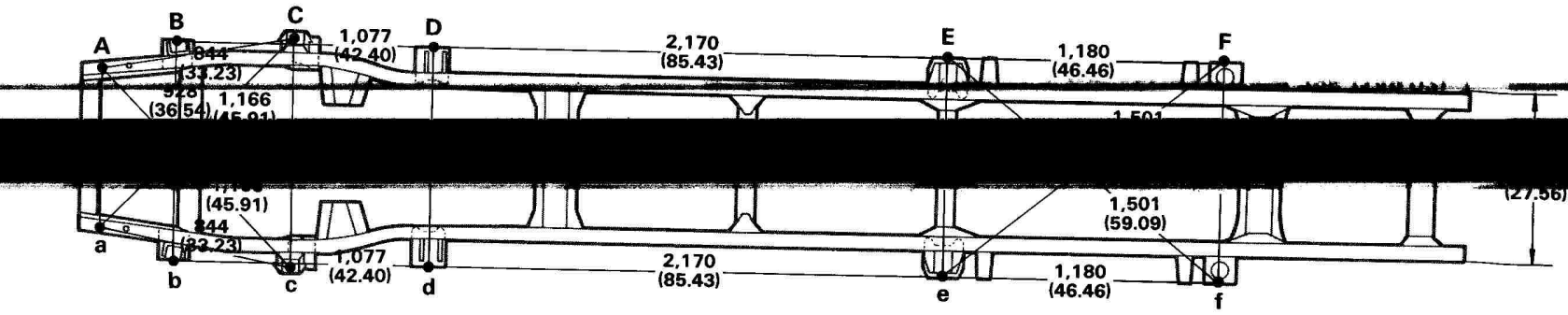
mm (in.)

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front side	13 (0.51)
B , b	Front spring front hanger hole–outer	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole–outer	16 (0.63)
E , e	Rear spring front hanger hole–outer	16 (0.63)
F , f	Rear spring rear hanger hole–outer	16 (0.63)

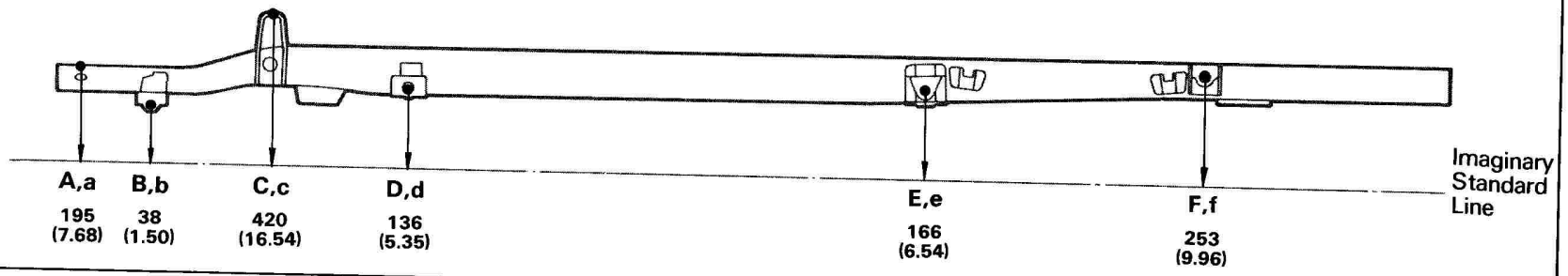
B00724

Wide Cab (Long wheel base)
BU85R(L)-MDDHT BU85R-MDDHTO3 BU85L-MDDHTW BU85L-MDDHT(3)



Front

Wheel base	3,290 (129.53)

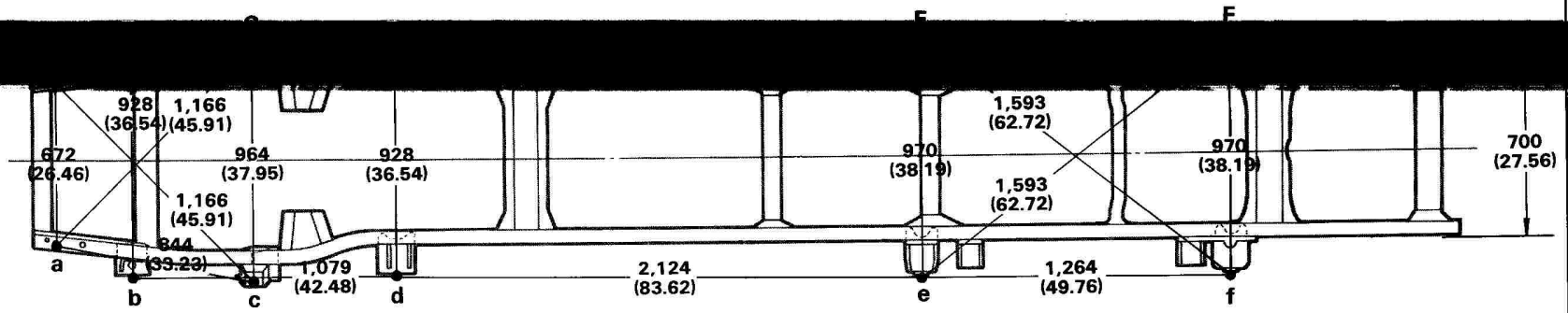


mm (in.)

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front side	13 (0.51)
B , b	Front spring front hanger hole–outer	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

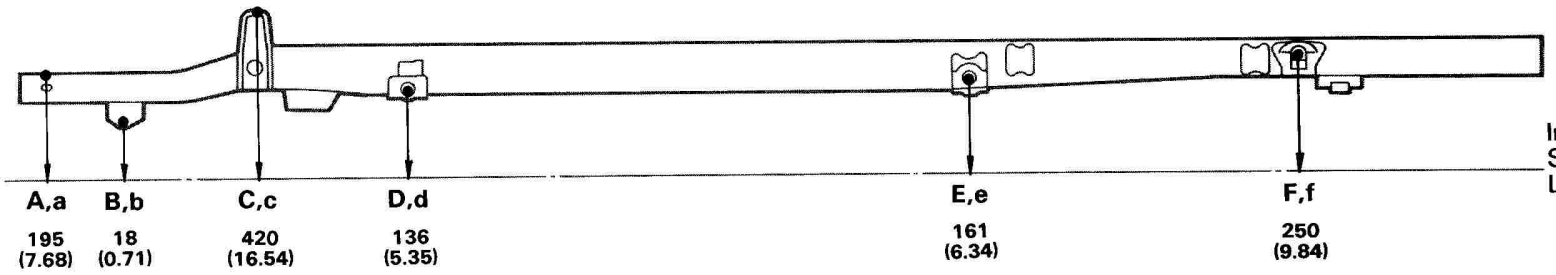
Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole–outer	16 (0.63)
E , e	Rear spring front hanger hole–outer	28 (1.10)
F , f	Rear spring rear hanger hole–outer	28 (1.10)

BO0725



Front

Wheel base	3,785 (149.02)



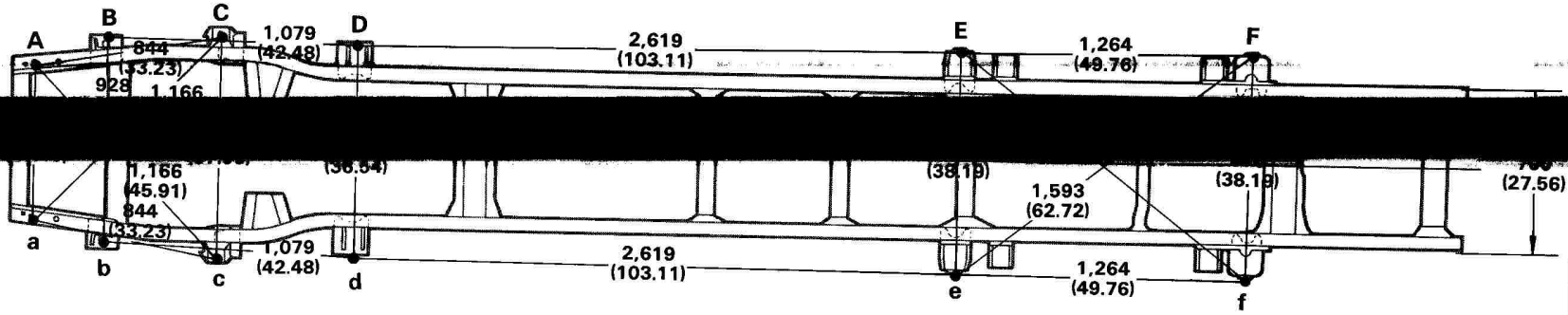
mm (in.)

Wide Cab (Long wheel base)
WU90R(L)-MDDT(3) WU90R-MDDTQ

Symbol	Nomenclature	Hole dia.
A , a	Cab front mounting bracket installation hole–front side	13 (0.51)
B , b	Front spring front hanger hole–outer	16 (0.63)
C , c	Shock absorber installation hole	16 (0.63)

Symbol	Nomenclature	Hole dia.
D , d	Front spring rear hanger hole–outer	16 (0.63)
E , e	Rear spring front hanger hole–outer	28 (1.10)
F , f	Rear spring rear hanger hole–outer	28 (1.10)

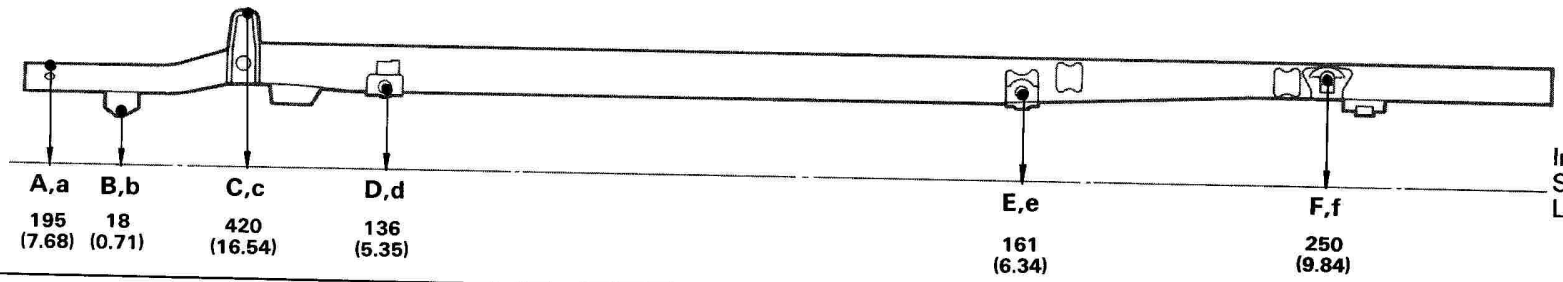
B00726



Front

Wide Cab (Super long wheel base)
WU95L-MDDT(3)

Wheel base	3,295 (129.72)



mm (in.)