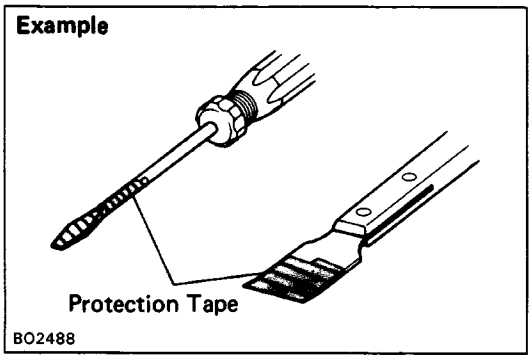
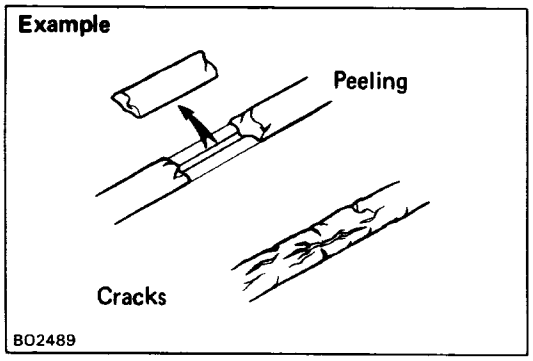
BODY

GENERAL INFORMATION

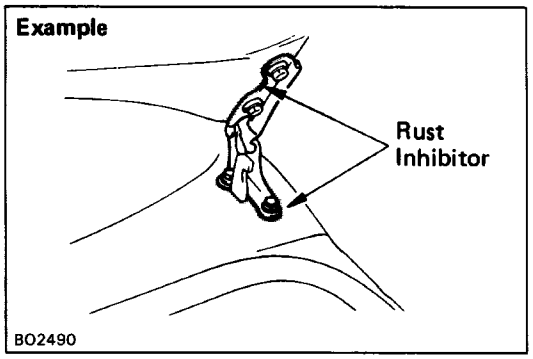
If there is a possibility the body and/or parts may be dam–aged, first remove the danger before performing repair operations.
Example:
1. Apply protection tape to the body adjacent to the body parts when removing and installing.



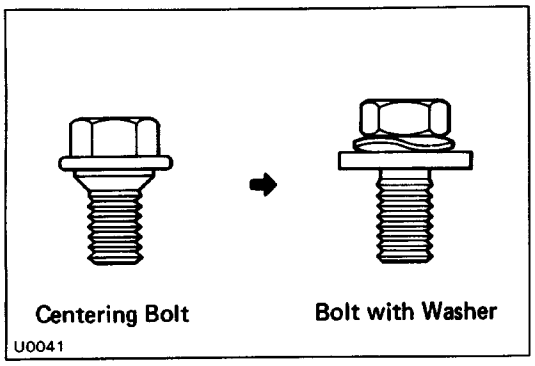
2. When prying off the body parts with a screwdriver or scraper etc., be sure to apply protection tape to the tip or blade to prevent damage to the paint film or body part.



If anti–rust agents are damaged while repairing other parts, be sure to repair the anti–rust agent.
Example:
1. If body sealant, paint film or undercoat are damaged by peeling, cracks, etc., be sure to repair each with an anti–rust agent.



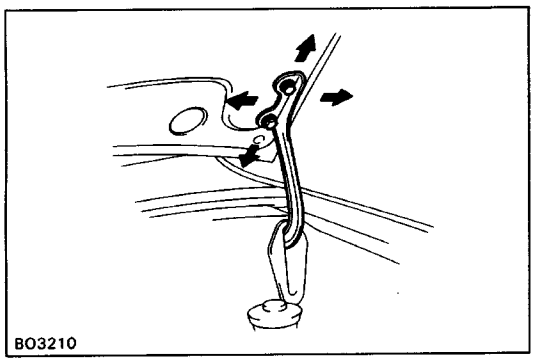
2. If a hinge or exterior body panel is loosened or re–moved, be sure apply rust inhibitor after repairs.



HOOD

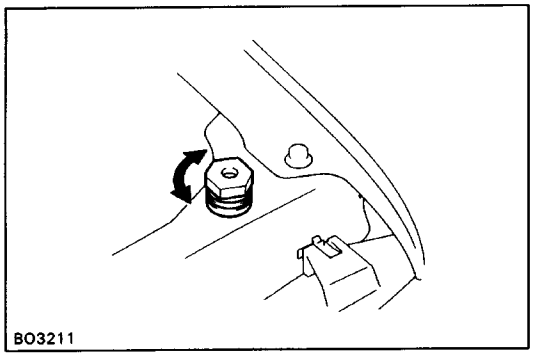
ADJUSTMENT OF HOOD

HINT: Since the centering bolt is used as the hood hinge set bolt, the hood cannot be adjusted with it on. Substi–tute the bolt with the washer for the centering bolt.



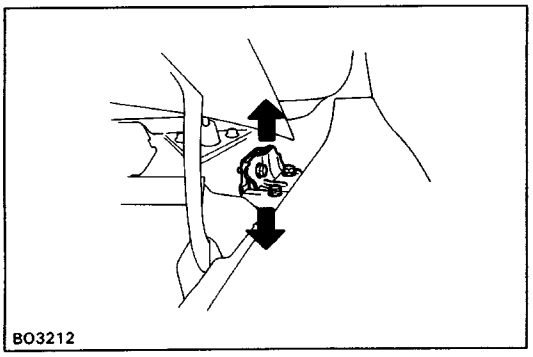
1. ADJUST HOOD IN FORWARD /REARWARD AND LEFT/RIGHT DIRECTIONS

Adjust the hood by loosening the hood side hinge bolts.



2. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.



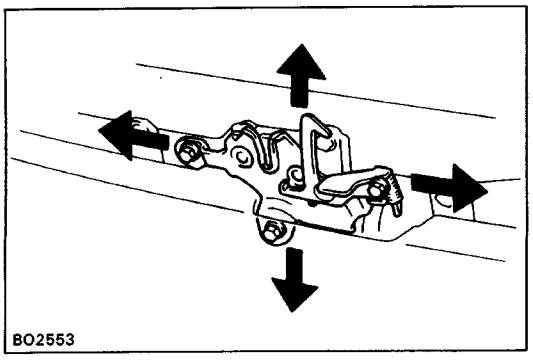
3. REMOVE WIPER ARMS

4. REMOVE COWL PANEL

Remove two clips, three screws and the cowl panel.

5. ADJUST REAR EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by loosening the hood hinge bolts.

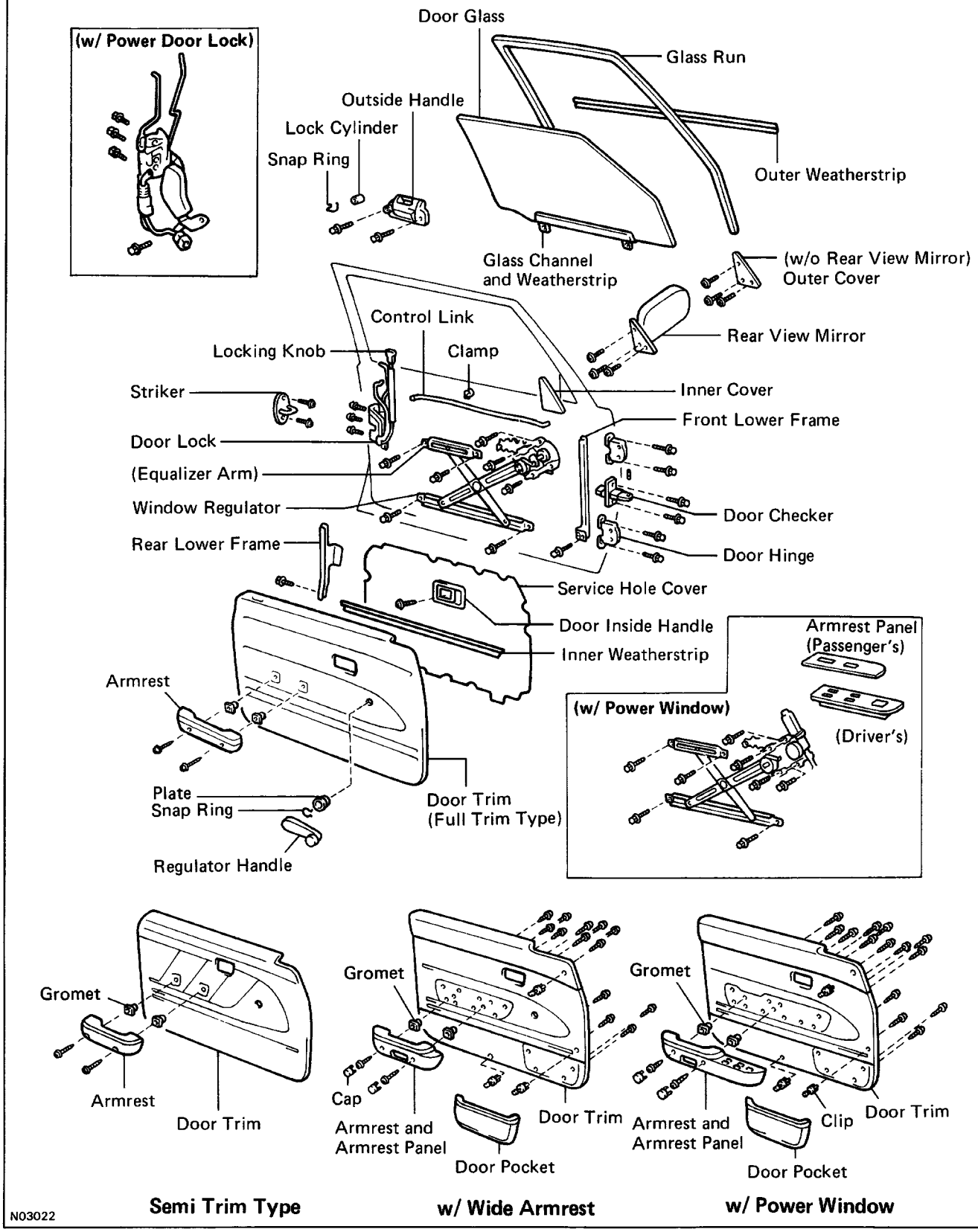


6. ADJUST HOOD LOCK

Adjust the lock by loosening the bolts.

FRONT DOOR
COMPONENTS

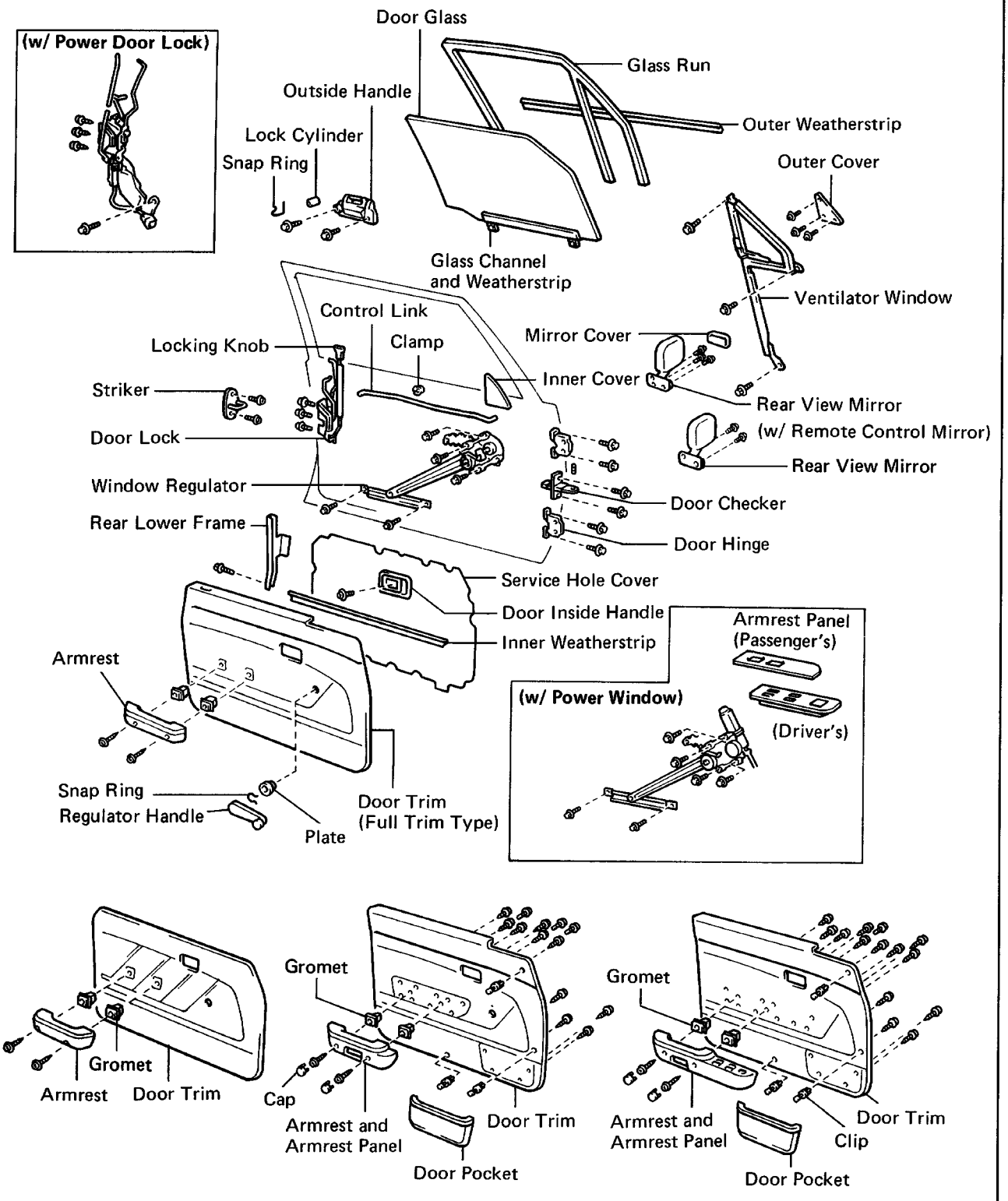
w/o Ventilator Window Type



N03022

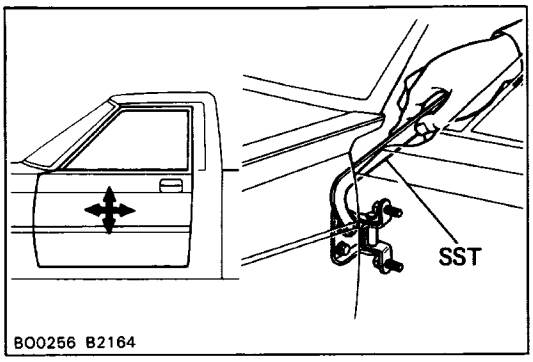
COMPONENTS (Cont'd)

w/ Ventilator Window Type



Semi Trim Type **w/ Wide Armrest** **w/ Power Window**

N03023

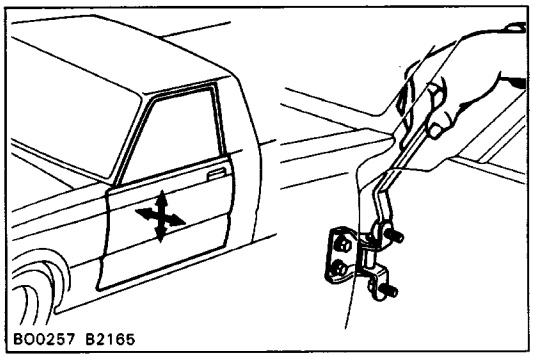


ADJUSTMENT OF FRONT DOOR

1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

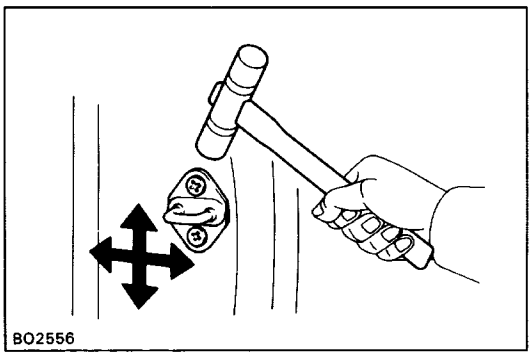
Using SST, adjust the door by loosening the body side hinge bolts.

SST 09812–00010



2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

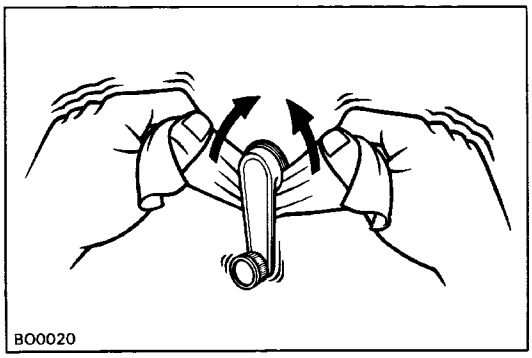


3. ADJUST DOOR LOCK STRIKER

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

(b) Adjust the striker position by slightly loosening the striker mounting screws, and hitting the striker with a hammer.

(c) Tighten the striker mounting screws again.

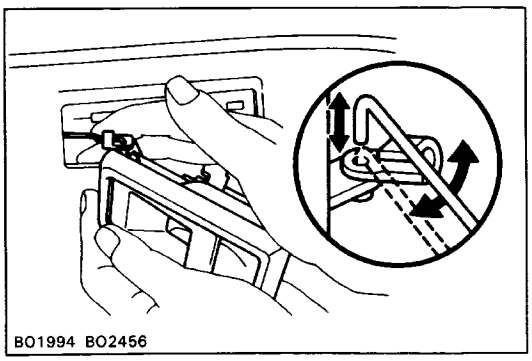


DISASSEMBLY OF FRONT DOOR

(See pages BO–4 and 5)

1. (w/o Power Window)
REMOVE REGULATOR HANDLE

Pull off the snap ring with a cloth and remove the regula–tor handle and plate.



2. REMOVE DOOR INSIDE HANDLE

(a) Remove the screw and slide the handle forward.

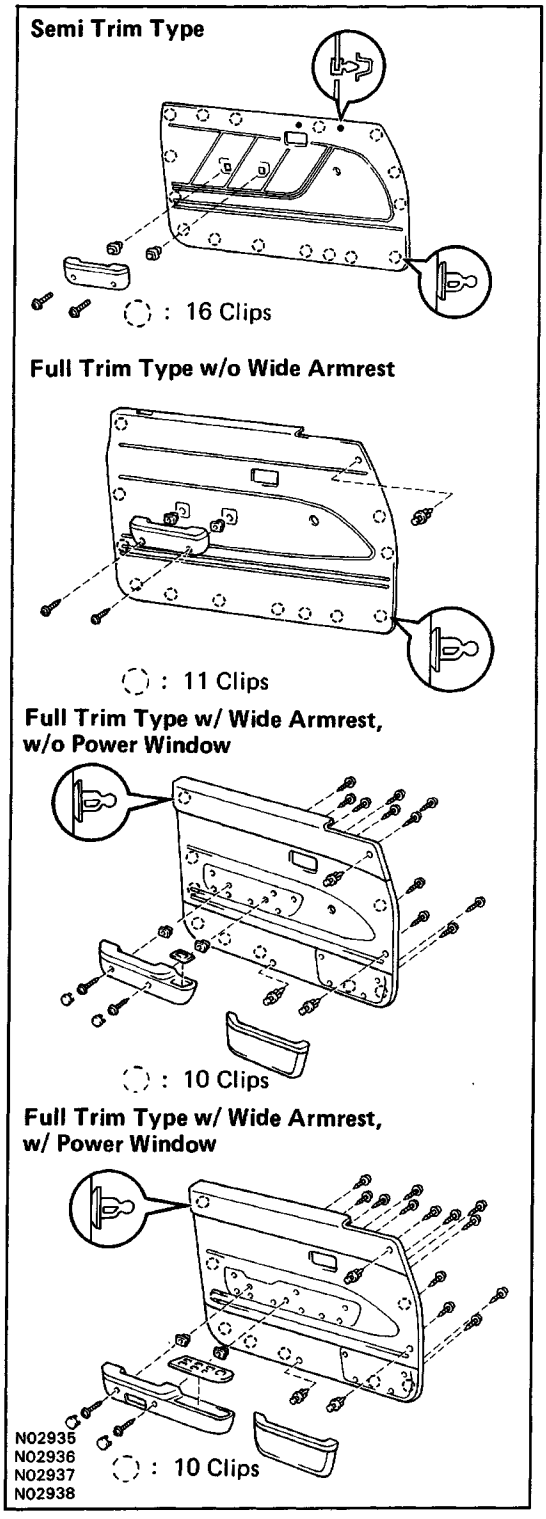
(b) Disconnect the handle from the control link and re–move the handle.

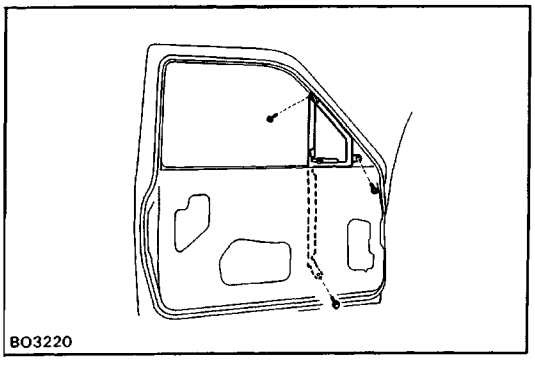
3. REMOVE INNER AND OUTER COVERS

(a) Using a screwdriver, pry loose a clip and remove the inner cover.

HINT: Tape the screwdriver tip before use.

(b) (w/ Ventilator Window or w/o Rear View Mirror) Remove three screws and the outer cover.





4. REMOVE REAR VIEW MIRROR

(w/o Ventilator Window)

(a) (w/Remote Control Mirror)
Disconnect the connector.

(b) Remove three screws and the mirror.

(wl Ventilator Window)

(a) (w/ Remote Control Mirror)
Disconnect the connector.

(b) (w/o Remote Control Mirror)
Remove the mirror cover, two screws and the mir–ror.
(w/ Remote Control Mirror)
Remove the mirror cover, three screws and the mir–ror.

5. REMOVE DOOR TRIM

(a) (w/ Wide Armrest)
Remove two caps from the armrest.

(b) (w/ Wide Armrest)
Remove two screws from the armrest.
(Semi Trim Type and Full Trim Type, wl Wide Arm–rest)
Remove two screws and the armrest.

(c) (w/ Power Window)
Remove the armrest panel by pulling upward, then disconnect the connectors.

(d) (w/ Wide Armrest)
Remove three clips.
(Full Trim Type, w/o Wide Armrest)
Remove the clip.

(e) Install the screwdriver between the retainers and door trim to pry it loose.

HINT: Tape the screwdriver tip before use.

(f) Remove the door trim.

(g) (w/ Power Window)
Remove nine screws and the armrest.
(wl Wide armrest, w/o Power Window)
Remove seven screws and the armrest.

(h) (w/ Wide Armrest)
Remove four screws and the door pocket.

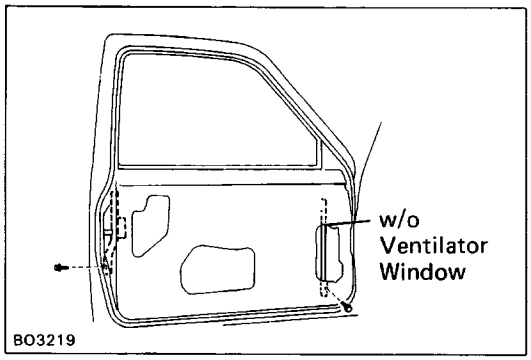
(i) (Full Trim Type)
Remove the inner weatherstrip from the door trim.

6. REMOVE SERVICE HOLE COVER

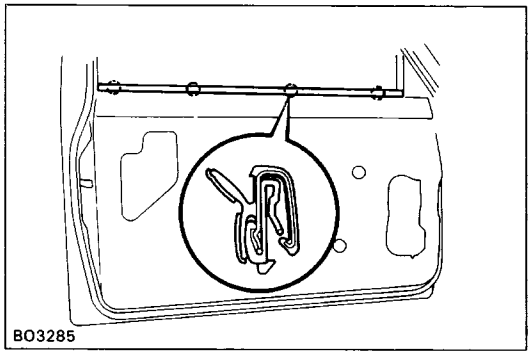
7–1. (wl Ventilator Window)
REMOVE VENTILATOR WINDOW

(a) Remove the bolt and two screws.

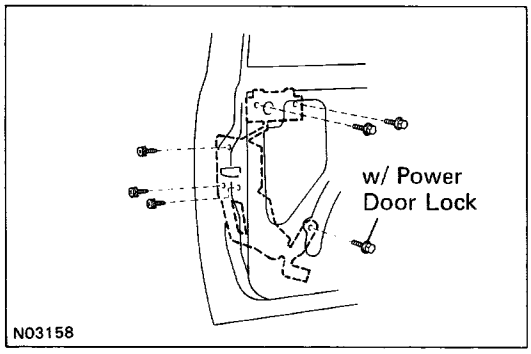
(b) Remove the ventilator window by pulling it upward.



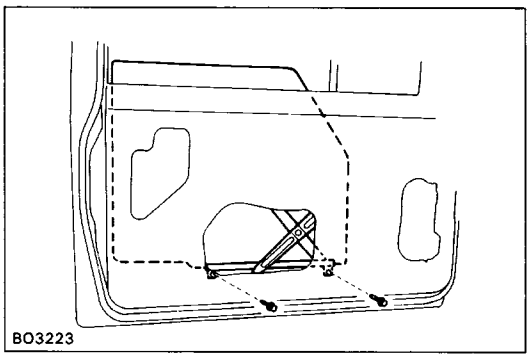
7–2. (w/o Ventilator Window)
REMOVE FRONT LOWER FRAME
Remove the bolt and the frame.
8. REMOVE REAR LOWER FRAME
Remove the bolt and the frame.

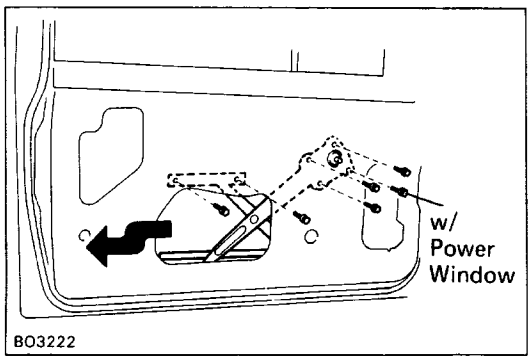


9–1. (Semi Trim type)
REMOVE INNER AND OUTER WEATHERSTRIP
Pry loose the clips from the edge of the panel and remove the weatherstrip.
9–2. (Full Trim type)
REMOVE OUTER WEATHERSTRIP
In the same manner, remove the outer weatherstrip.
10. REMOVE GLASS RUN

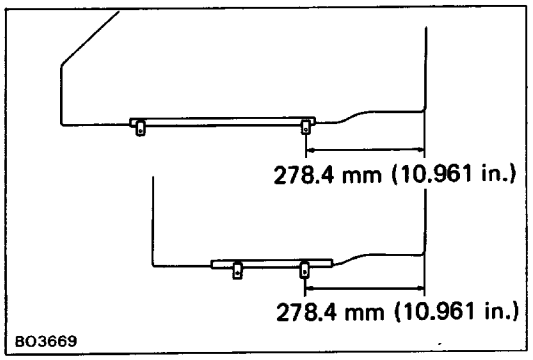


11. REMOVE INSIDE LOCKING KNOB
Disconnect the link and remove the inside locking knob.
12. REMOVE OUTSIDE HANDLE WITH LOCK CYLINDER AND DOOR LOCK
(a) Disconnect the links from the outside handle with the lock cylinder.
(b) (w/Power Door Lock)
Disconnect the connectors, remove three screws, the bolt and the door lock with the motor.
(w/o Power Door Lock)
Remove three screws and the door lock.
(c) Remove two bolts and the outside handle with lock cylinder.
(d) Remove the snap ring and the lock cylinder.
13. REMOVE DOOR GLASS AND WINDOW REGULATOR
(a) Remove two glass channel mounting bolts.
(b) Place the glass in the door cavity.





(c) (w/o Ventilator Window)
Remove two equalizer arm bracket mounting bolts.
(d) (wI Power Window)
Disconnect the connectors, then remove four regu–lator mounting bolts.
(wIo Power Window)
Remove three regulator mounting bolts.
(e) Remove the regulator through the service hole.
(f) Remove the glass by pulling it upward.



REPLACEMENT OF GLASS

1. REMOVE GLASS CHANNEL WITH SCREWDRIVER OR LIKE OBJECT

2. APPLY SOAPY WATER TO INSIDE OF WEATHER–STRIP

3. INSTALL CHANNEL BY TAPPING IT WITH PLASTIC HAMMER

ASSEMBLY OF FRONT DOOR

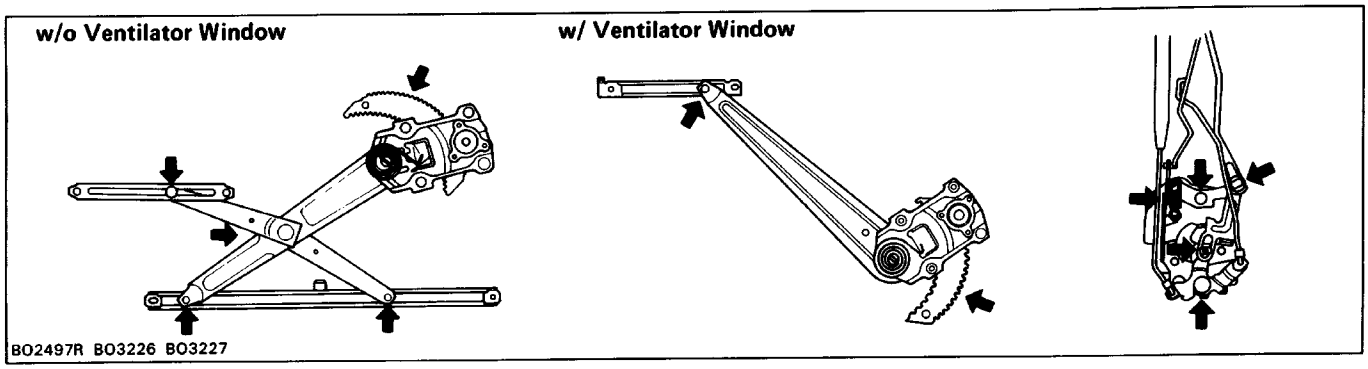
(See pages BO–4 and 5)

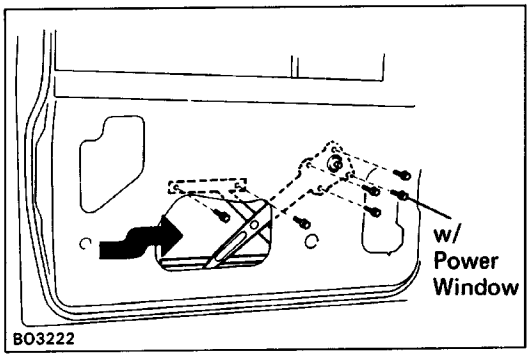
1. BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE

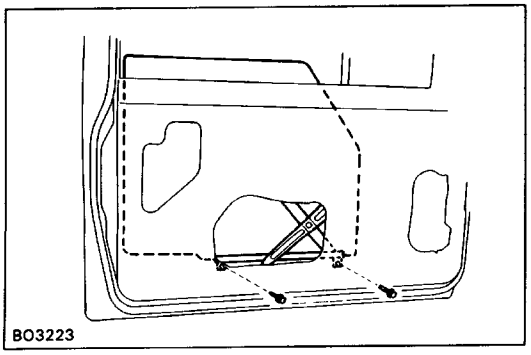
(a) Apply MP grease to the sliding surface and the gears of the window regulator.

NOTICE: Do not apply MP grease to the spring of the window regulator.

(b) Apply MP grease to the sliding surface of the door lock.







2. INSTALL WINDOW REGULATOR AND DOOR GLASS

(a) Place the glass in the door cavity.

(b) Place the regulator through the service hole.

(c) (wI Power Window)

Install the four regulator mounting bolts, then con–nect the connector.

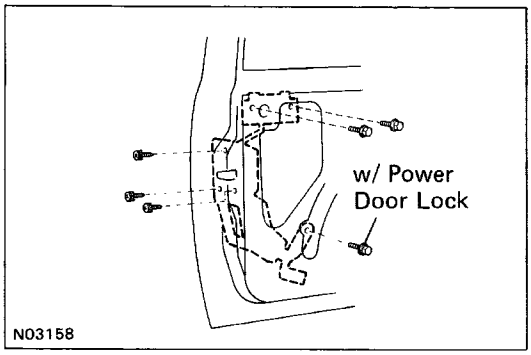
(w/o Power Window)

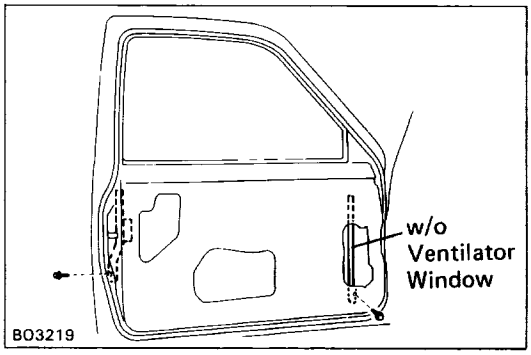
Install the three regulator mounting bolts.

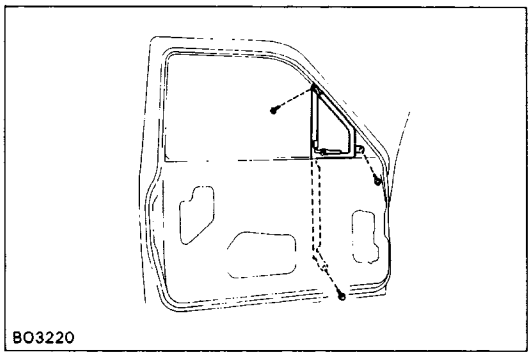
(d) (w/o Ventilator Window)

Install the equalizer arm and temporarily tighten two equalizer arm mounting bolts.

(e) Attach the glass to the window regulator with two bolts.







3. INSTALL OUTSIDE HANDLE WITH LOCK CYLINDER AND DOOR LOCK

(a) Install the lock cylinder with the snap ring to the outside handle.

(b) Install the outside handle and lock cylinder with two bolts.

(c) (w/Power Door Lock)

Install the door lock and motor with three screws and the bolt, then connect the connector.

(w/o Power Door Lock)

Install the door lock with three screws.

(d) Connect the links to the outside handle.

4. INSTALL INSIDE LOCKING KNOB

Install the locking knob and connect the control links.

5. INSTALL GLASS RUN

6. INSTALL REAR LOWER FRAME

7–1. (w/o Ventilator Window)

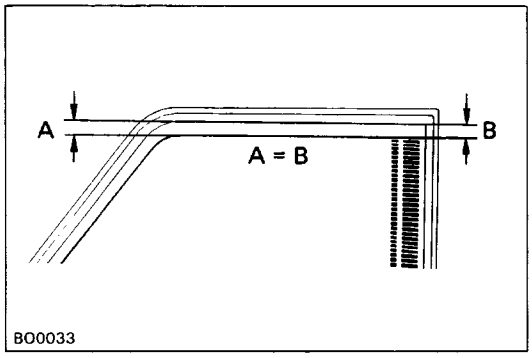
INSTALL FRONT LOWER FRAME

7–2. (w/Ventilator Window)

INSTALL VENTILATOR WINDOW

(a) Install the ventilator window.

(b) Install the bolt and two screws.



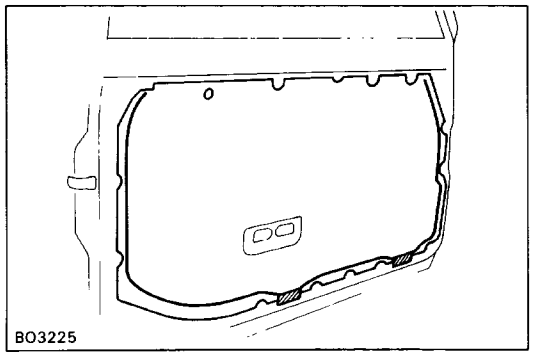
8. (w/o Ventilator Window)

ADJUST DOOR GLASS

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

9. INSTALL REAR VIEW MIRROR

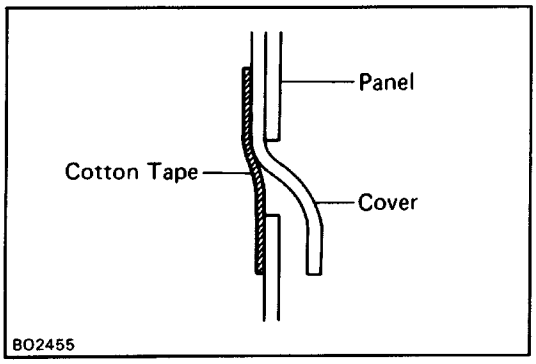
10. INSTALL INNER AND OUTER COVERS

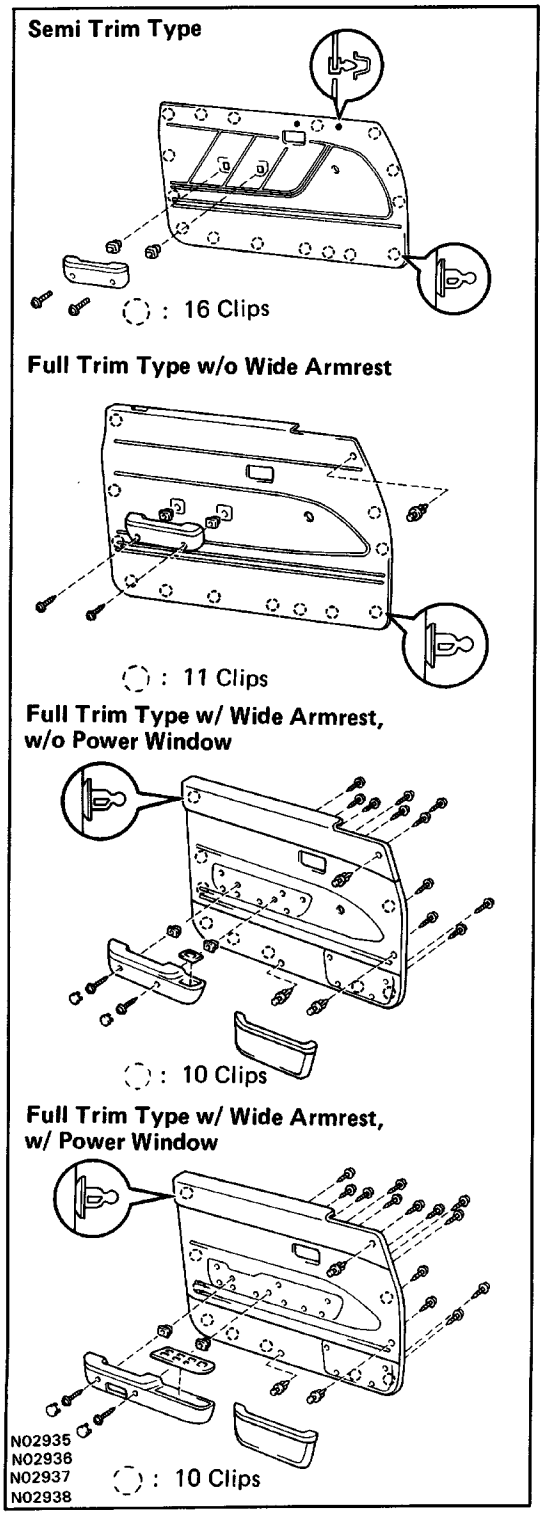


11. INSTALL SERVICE HOLE COVER

(a) Seal the service hole cover with adhesive.

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





(c) Seal the panel slit with the cotton tape.

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

12–1.(Semi Trim type)

INSTALL OUTER AND INNER WEATHERSTRIP

Install the claw of the clips into the upper panel slit and push the weatherstrip onto the panel.

12–2.(Full Trim type)

INSTALL OUTER WEATHERSTRIP

In the same manner, install the outer weatherstrip.

13. INSTALL THE DOOR TRIM

(a) (Full Trim Type)

Install the inner weatherstrip to the door trim.

(b) (wI Wide Armrest)

Install the door pocket with four screws to the door trim.

(c) (w/Power Window)

Install the armrest with nine screws to the door trim.

(wI Wide Armrest, w/o Power Window)

Install the armrest with seven screws to the door trim.

(d) Install the door trim with retainers to the inside panel by tapping.

(e) (wI Power Window)

Connect the connectors and install the armrest panel.

(f) (w/ Wide Armrest)

Install three crips.

(Full Trim Type, w/o Wide Armrest)

Install the clip.

(g) (w/ Wide Armrest)

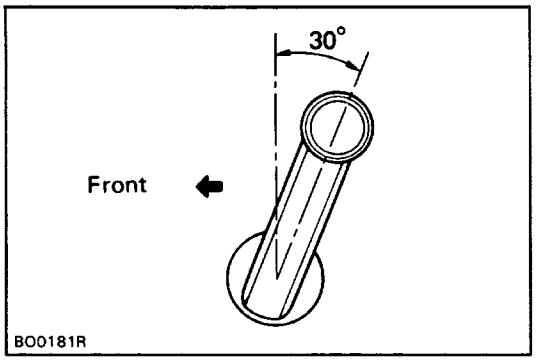
Install two screws to the armrest.

(Semi Trim Type and Full Trim Type, wI Wide Arm–rest)

Install the armrest with two screws.

(h) (w/ Wide Armrest)

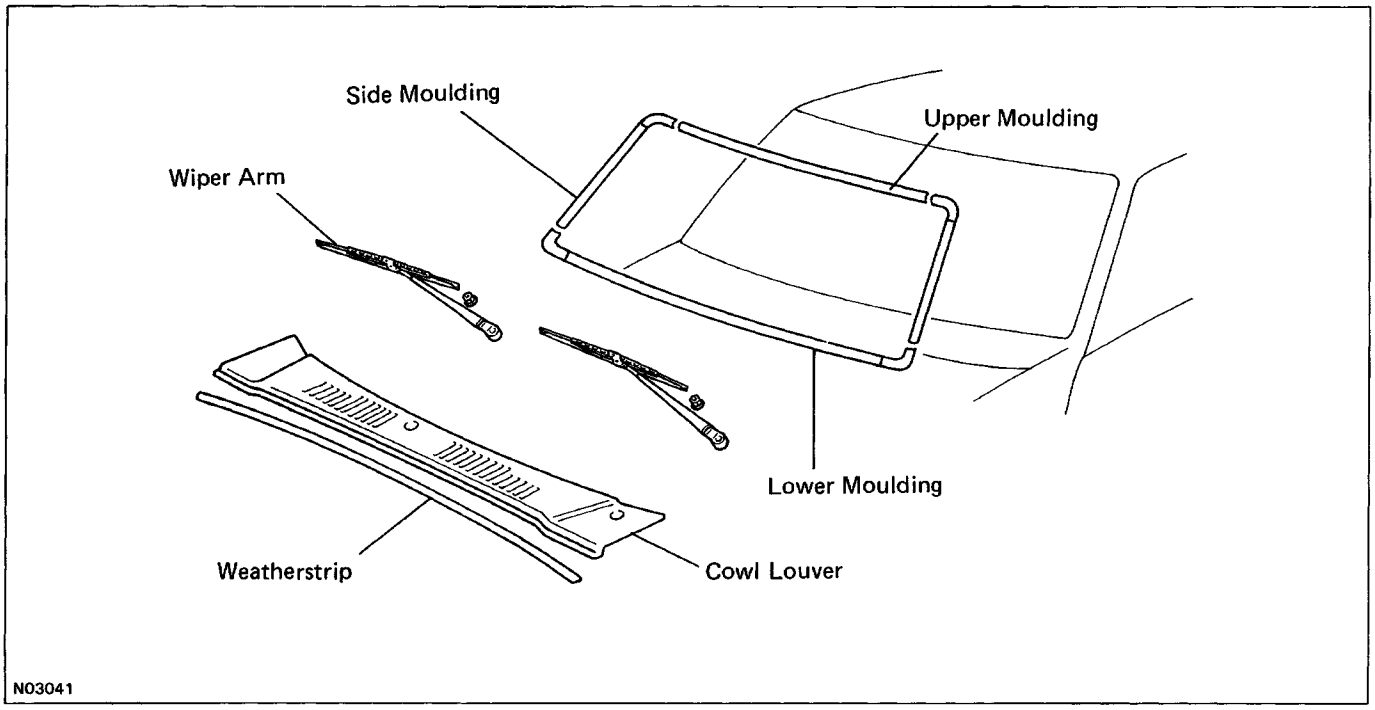
Install two caps to the armrest.

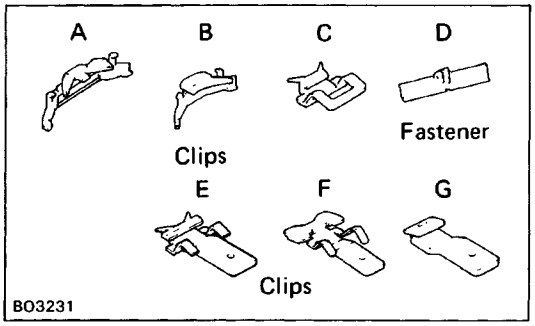


14. INSTALL DOOR INSIDE HANDLE
(See step 2 on page BO–6)
(a) Connect the handle to the control links.
(b) Push the inside handle in the door panel and slide it rearward.
(c) Install the screw.

15. (w/o Power Window)
INSTALL REGULATOR HANDLE
With door window fully closed, install the plate and the regulator handle with the snap ring as shown.

MOULDING
Windshield Moulding
COMPONENTS

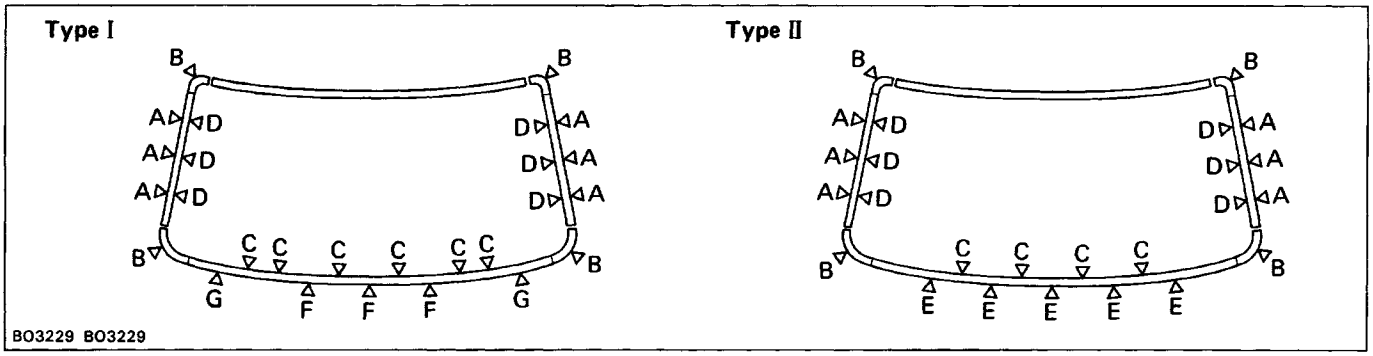




REMOVAL OF WINDSHIELD MOULDING

LOCATION OF CLIPS AND FASTENER

- For vehicles in the table below which have black moul–ding, refer to diagram type 1.
- For other vehicles which have black or metallic mould–ing, refer to diagram Type 11.
- However, if all clips and fasteners are replaced, either diagram Type I or Type 11 may be referred to.



Type I Applicable Models

Frame No.	Vehicle Code	Frame No.	Vehicle Code
0000001 ~ 1999999	VZN 100, VZN 105	0000001 ~ 6999999	RN101, RN106
0000001 ~ 4999999	RN80, RN85, RN90 VZN80, VZN85, VZN90, VZN 110	0000001 ~ 9999999	VZN95
		6000000 ~ 9999999	VZN100,VZN105
0000001 ~ 5999999	RN110	–	–

1. REMOVE WIPER ARMS

2. REMOVE COWL LOUVER AND WEATHERSTRIP

3. REMOVE LOWER MOULDING WITH LOWER JOINT COVERS

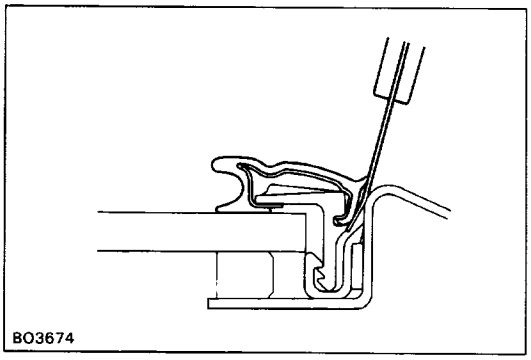
(a) Remove five screws from the clips.

(b) Pry up a scraper to loosen the clips from the body.

HINT: Tape the scraper tip before use.

(c) Remove the moulding with lower joint covers and clips.

4. REMOVE SIDE MOULDING WITH UPPER JOINT COVERS


BO3674

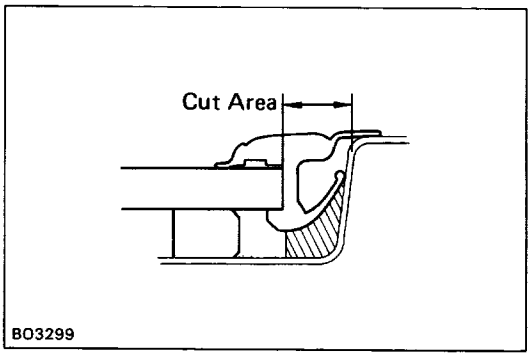
(a) Install the tip of a scraper between the body and moulding.

HINT: Tape the scraper tip before use.

(b) Pry up the scraper to loosen the moulding from the claws of the clips and fasteners.

(c) Remove the moulding with upper joint covers.

5. REMOVE UPPER MOULDING

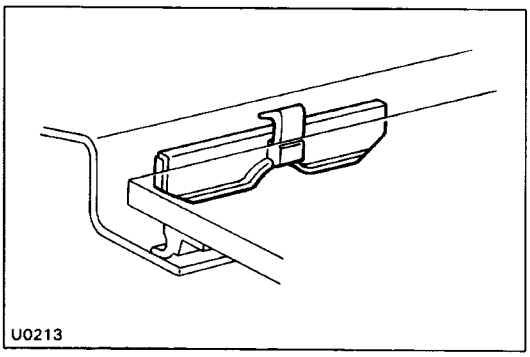


BO3299

(a) Using a knife, cut off the upper moulding as shown.

(b) Cut off the old adhesive around the upper moulding installation area.

NOTICE: Do not damage the body and glass.


U0213

REPLACEMENT OF FASTENER

REPLACE FASTENER

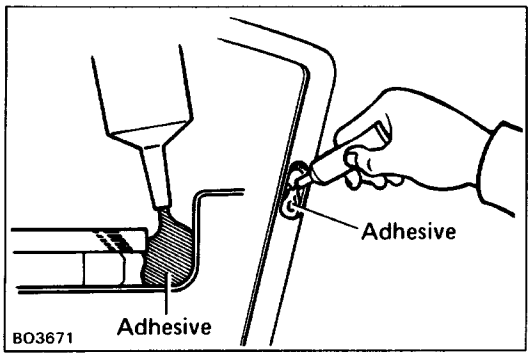
(a) Remove the damaged fastener.

(b) Cut off the old adhesive around the fastener instal–lation area.

NOTICE: Be carefully not to damage the body.

(c) Clean the installation area.

(d) Install new fastener onto the body.



INSTALLATION OF WINDSHIELD MOULDING

1. INSTALL CLIP INTO MOULDING

(See page BO–13)

Install the clip to the appropriate place on the moulding.

2. APPLY ADHESIVE AT CLIP INSTALLATION AREA

(a) Cut out the old adhesive around the clip installation area.

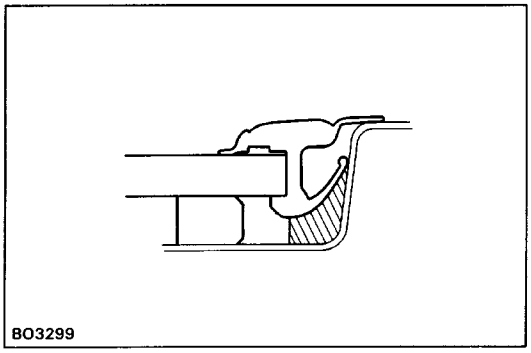
NOTICE: Do not damage the body and fastener.

(b) Apply adhesive at the clip installation area so water does not collect there.

3. APPLY ADHESIVE AT UPPER MOULDING INSTALLATION AREA

4. INSTALL NEW UPPER MOULDING

Place the moulding onto the body and tap it by hand.

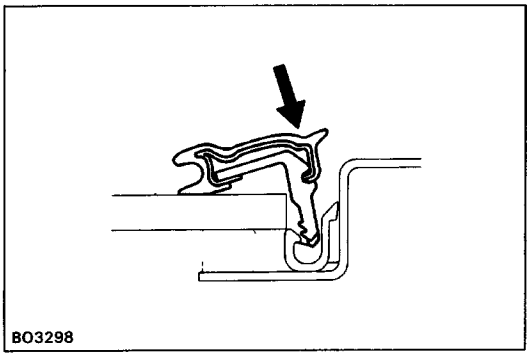


5. INSTALL SIDE MOULDING WITH UPPER JOINT COVERS

(a) Place the moulding with upper joint covers onto the body.

(b) Tap the moulding by hand to install it.

(c) Pry up the clips on the body side, and install them to the moulding.



6. INSTALL LOWER MOULDING WITH LOWER JOINT COVERS

(a) Place the moulding with lower joint covers onto the body.

(b) Align the clips of the moulding with the body holes, and push the moulding on the body.

7. INSTALL COWL LOUVER AND WEATHERSTRIP

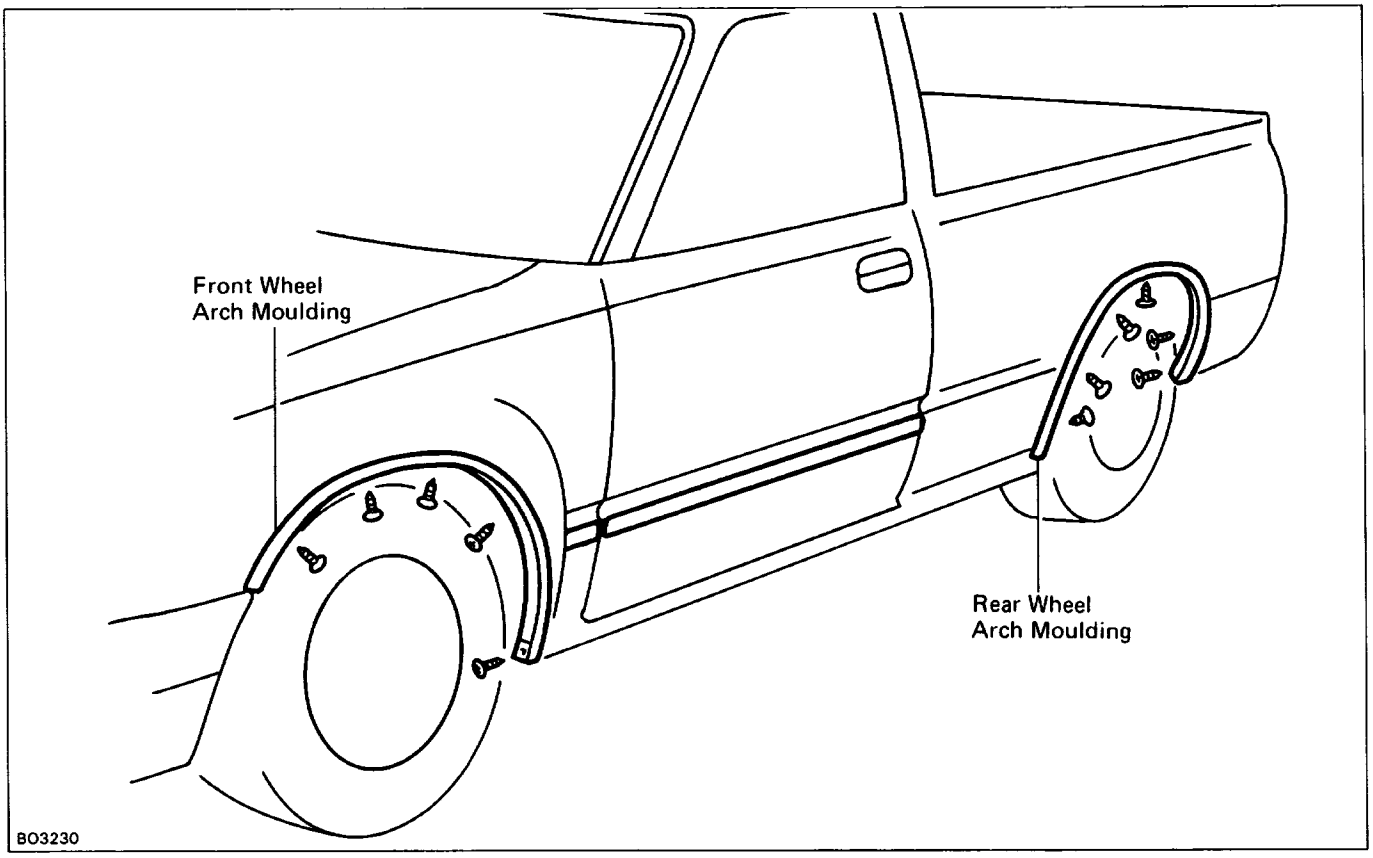
(See page BO–13)

8. INSTALL WIPER ARMS

(See page BO–13)

Wheel Arch Moulding

COMPONENTS



REPLACEMENT OF FRONT WHEEL ARCH MOULDING

1. REMOVE FRONT WHEEL ARCH MOULDING

(a) Remove five screws.

(b) Using a screwdriver, pry up the wheel arch mould–
ing, and remove it.

HINT: Tape the screwdriver tip before use.

2. INSTALL FRONT WHEEL ARCH MOULDING

(a) Tap the wheel arch moulding by hand to install it.

(b) Install five screws.

REPLACEMENT OF REAR WHEEL ARCH MOULDING

1. REMOVE REAR WHEEL ARCH MOULDING

(a) Remove six screws.

(b) Using a screwdriver, pry up the wheel arch mould
ing, and remove it.

HINT: Tape the screwdriver tip before use.

2. INSTALL REAR WHEEL ARCH MOULDING

(a) Tap the wheel arch moulding by hand to install it.

(b) Install six screws.

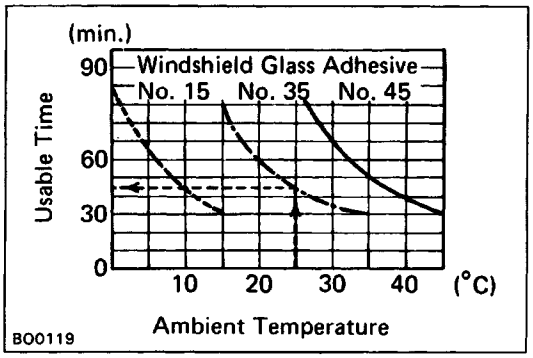
WINDSHIELD
(Adhesive Type)
PREPARE ITEMS LISTED

Part name and No.	Contents of set	Quantity
Adhesive set 08850–00070 (0 – 150C or 32 – 59'F) 08850–00080 (15 – 351C or 59 – 951F) 08850–00090 (35 – 450C or 95 – 1131F)	Main agent 500g (17.64 oz.) hardening agent 75g (2.65 oz.) Primer G (for glass) 20g (0. 71 oz.) Primer M (for body) 20g (0.71 oz.) Sponge (for applying primer) Piano wire 0.6 mm dia. x 1 m (0.024 x 39.37 in.) Cartridge	1 1 1 1 2 1 1
Dam kit 04562–30040	Dam Double–stick tape (for sticking on dam)	
	Sealant gun (for applying adhesive Glass or steel sheet (for mixing adhesive) Putty spatula (for mixing adhesive and correcting adhered parts) Cleaner (for cleaning adhering surface)	

Ambient temperature	Part No.	Part name
0 – 15°C (32 – 59°F)	08850-00070	Windshield glass adhesive set No. 15
15 – 35°C (59 – 95°F)	08850-00080	Windshield glass adhesive set No. 35
35 – 45°C (95 – 113°F)	08850-00090	Windshield glass adhesive set No. 45

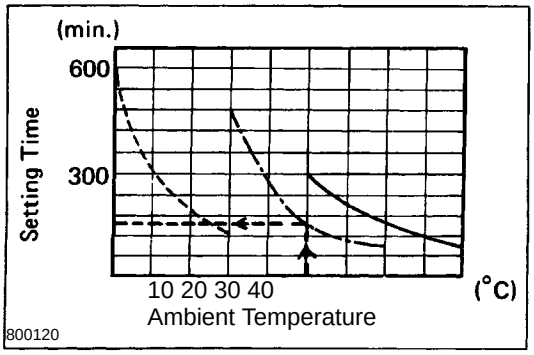
1. CHOOSE SUITABLE ADHESIVE SET

Use an adhesive set suitable for the ambient tempera–ture.



2. CHECK ADHESIVE USABLE TIME

After mixing the main and hardening agents, finish glass installation within the specified time as shown.
Example: For glass installation in ambient temperature of 25©C (77©F), apply adhesive set No.35 within 45 min–utes.

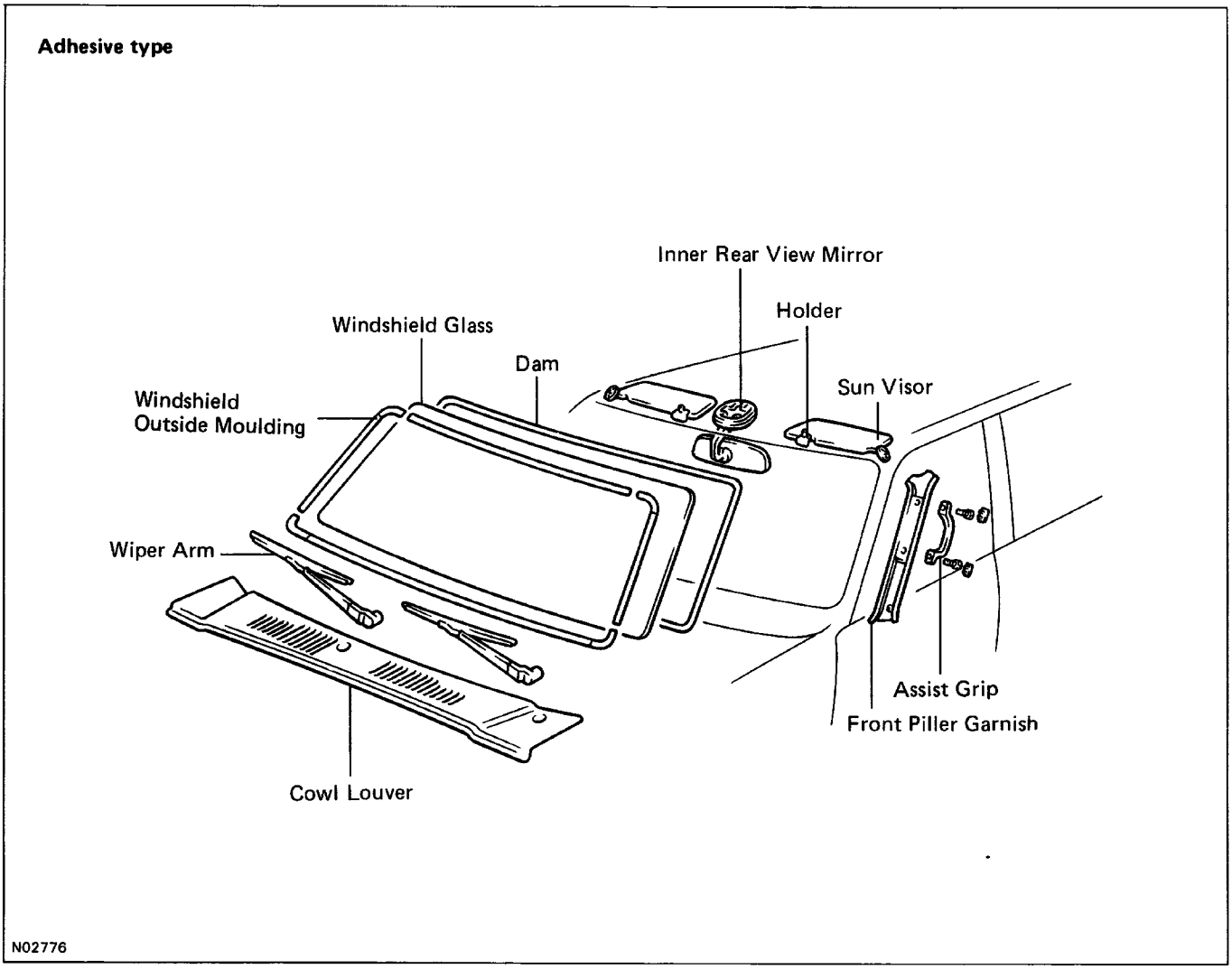


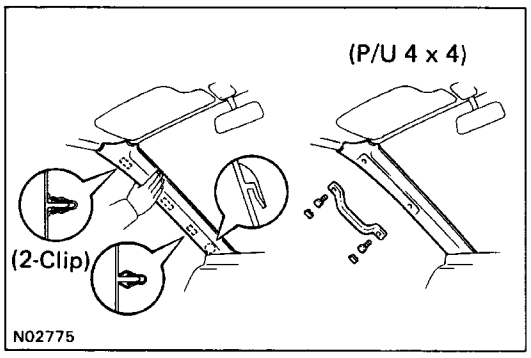
3. CHECK ADHESIVE SETTING TIME

First, mix the main and hardening agents. Then, perform a leak test only after the setting time has elapsed.
Example: The setting time for adhesive set No.35 with an ambient temperature of 25©C (77©F) is 2.5 hours.

NOTICE: Do not drive the vehicle until at least double the setting time has elapsed.

COMPONENTS

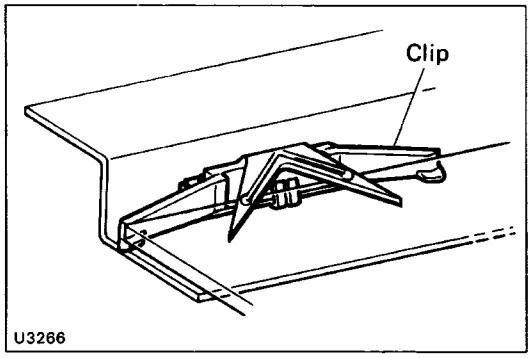




REMOVAL OF WINDSHIELD

1. REMOVE FOLLOWING PARTS:

- Inner rear view mirror
- Sun visors and holders
- Wiper arms
- Cowl louver
- Front pillar garnishes
- Assist grip

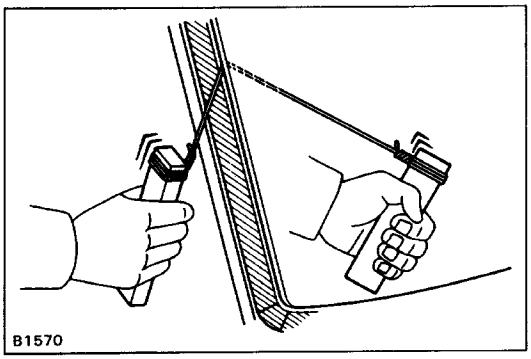


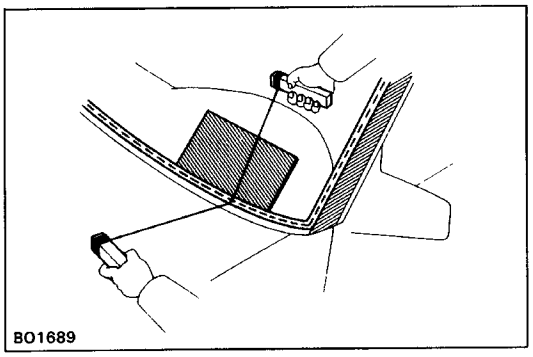
2. REMOVE WINDSHIELD MOULDING
(See page BO–13)

3. REMOVE CLIPS

Be careful not to damage the side moulding clips, when removing them from around the glass.

HINT: It is not necessary to remove the fasteners but any damaged fasteners should be replaced.





4. REMOVE WINDSHIELD GLASS

(a) Push piano wire through from the interior.

(b) Tie both wire ends to the wooden blocks or like objects.

HINT: Apply adhesive tape to the outer surface to keep the surface from being scratched.

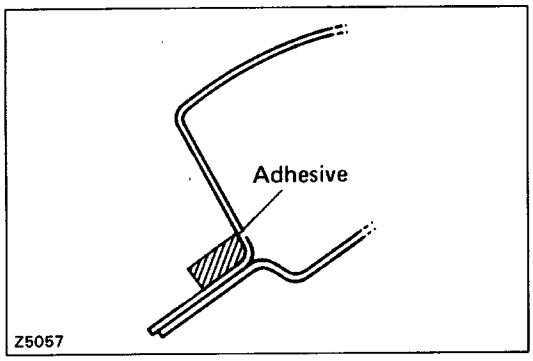
NOTICE: When separating, take care not to damage the paint and interior and exterior ornaments.

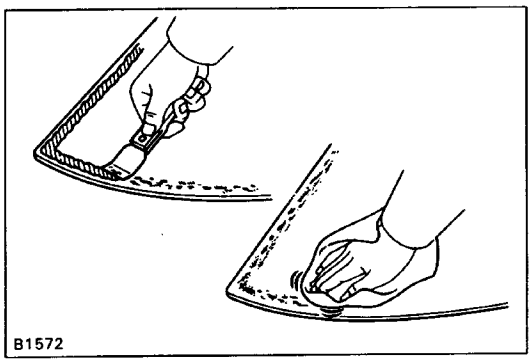
To prevent scratching the safety pad when removing the windshield, place a plastic sheet between the piano wire and safety pad.

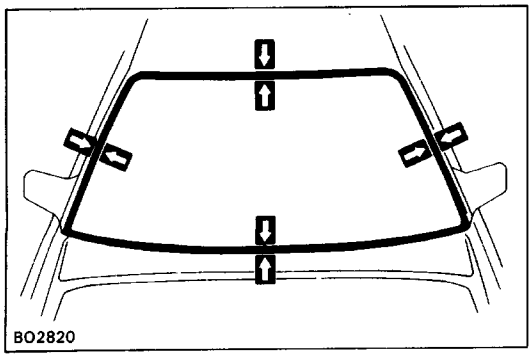
Cut the adhesive by pulling the piano wire around it.

(d) Remove the glass.

NOTICE: Leave as much of the adhesive layer on the body as possible when cutting off the glass.







PREPARATION FOR INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

(a) Remove any dam remaining on the body.

(b) Cut away any rough areas with a knife.

HINT: Leave as much of the adhesive layer on the body as possible.

(c) Clean the cutting surface of the adhesive with a piece of cloth saturated in cleaner.

HINT: Even if all the adhesive has been removed, clean the body.

2. IF NECESSARY, REPLACE FASTENERS

(See page BO–14)

3. CLEAN REMOVED GLASS BEFORE INSTALLATION

(a) Using a scraper, remove the adhesive sticking to the glass.

(b) Using the cleaner, clean the glass.

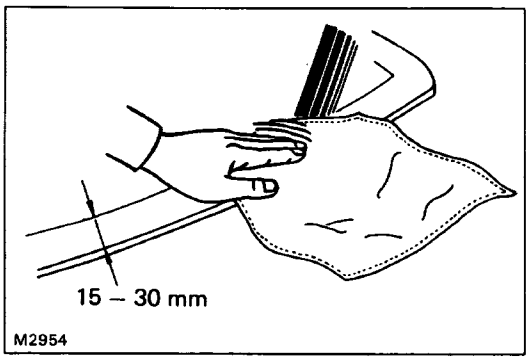
4. POSITION GLASS

(a) Place the glass in correct position.

(b) Check that all contacting parts of the glass rim are perfectly even, and do not make contact with the fasteners.

(c) Mark reference marks between the glass and body.

(d) Remove the glass.

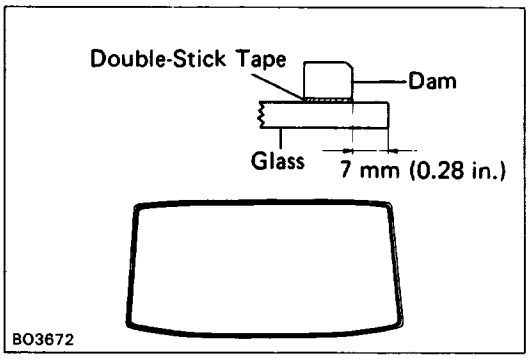


INSTALLATION OF WINDSHIELD

(See pages BO–13 and 18)

1. CLEAN CONTACT SURFACE OF GLASS

Using cleaner, clean the contact surface 15 – 30 mm (0.59 – 1.18) wide around the entire glass rim.



2. INSTALL DAM

(a) Apply double–stick tape at a point as shown.

(b) Place the dam on the double–stick tape.

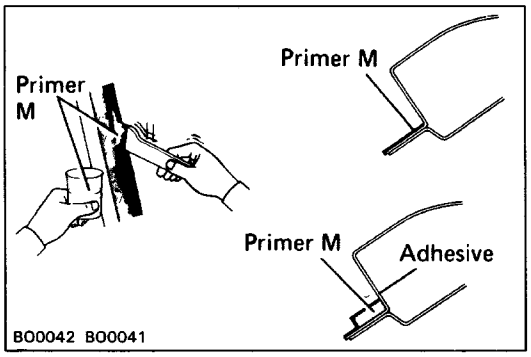
NOTICE: Do not touch the glass face after cleaning it.

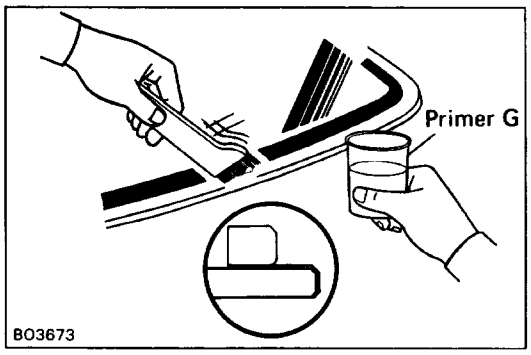
3. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

Using a brush, coat the contact surface on the body with Primer M.

NOTICE:

- **Let the Primer coating dry for 10 minutes or more. Make sure that the installation of the glass is finished within 2 hours.**
- **Use care not to leave any part of the contact surface uncoated or excessively coated, as Primer M and G serve to boost the adhesive power of the adhesive to the glass or body.**
- **Do not keep any of the opened Primer M and G for later use.**





4. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

(a) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.

(b) Before the Primer dries, wipe it off with a clean cloth to avoid too thick a coat.

NOTICE: Be sure that installation of the glass is finished within 70 minutes.

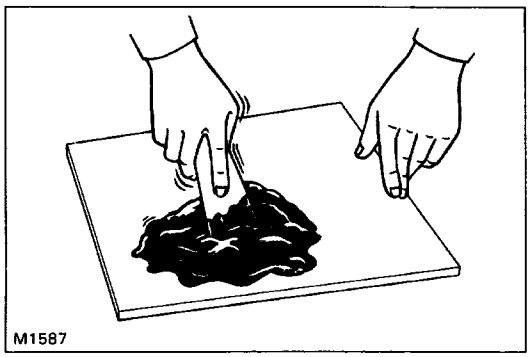
5. MIX ADHESIVE COATING

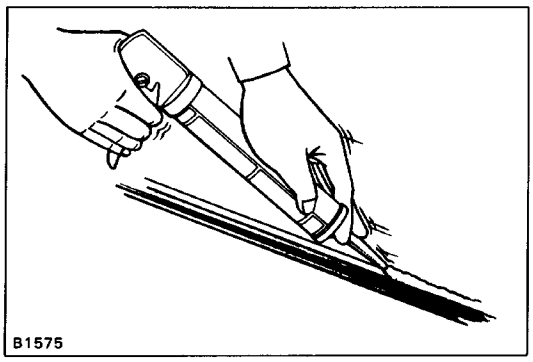
NOTICE:

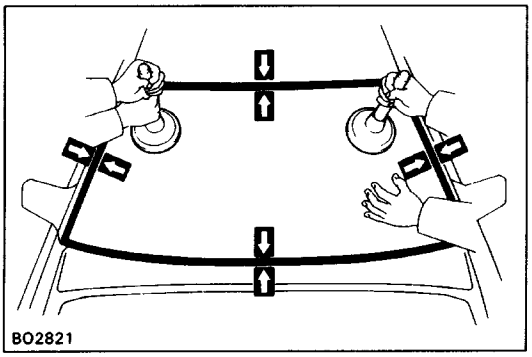
- **Be sure that installation of the glass is finished within usable time. (See step 2 on page BO–17)**
- **The mixture should be made in 5 minutes or less.**

(a) Thoroughly clean the glass plate and putty spatula with cleaner.

(b) Thoroughly mix 500 g (17.64 oz.) of the main agent and 75 g (2.65 oz.) of the hardening agent on a glass plate or like object with a putty spatula.







6. APPLY ADHESIVE

(a) Cut off the tip of the cartridge nozzle to make a hole 5 mm (0.20 in.) in diameter. Fill the cartridge with adhesive.

(b) Load the cartridge into the sealer gun.

(c) Coat the glass with adhesive on all contact surfaces along the ridge.

Adhesive height:

If adhesive remains on the body

3.5 – 5.0 mm (0.138 – 0.197 in.)

If no adhesive remains on the body

8 – 10 mm (0.31 – 0.39 in.)

7. INSTALL GLASS

(a) Position the glass so that the reference marks are lined up, and press in gently along the rim.

(b) Using a spatula, apply adhesive on the glass rim.

(c) Use a spatula to remove any excess or protruding adhesive.

(d) Fasten glass securely until the adhesive sets.

8. INSPECT FOR LEAKS AND REPAIR

(a) Perform a leak test after the hardening time has elapsed.

(b) Seal any leaks with auto glass sealer.

Part No. 08833–00030 or equivalent

9. INSTALL CLIPS AND WINDSHIELD MOULDING

(See page BO–13)

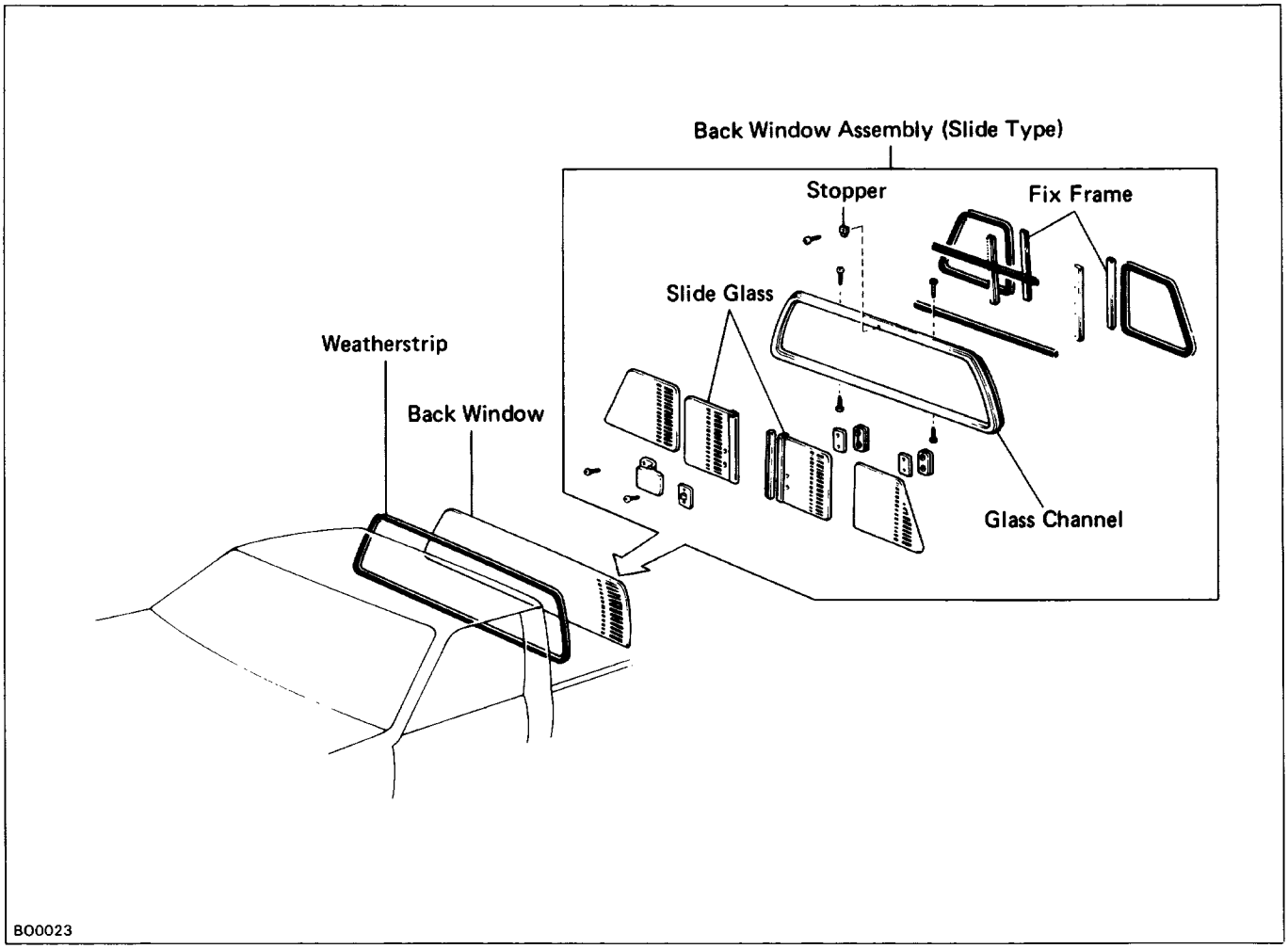
10. INSTALL FOLLOWING PARTS:

(See page BO–18)

- Inner rear view mirror
- Sun visors and holders
- Front pillar garnishes
- Cowl louver
- Wiper arms

BACK WINDOW

COMPONENTS

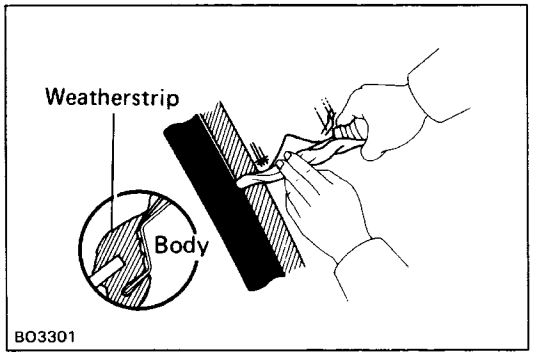


REMOVAL OF BACK WINDOW

REMOVE BACK WINDOW

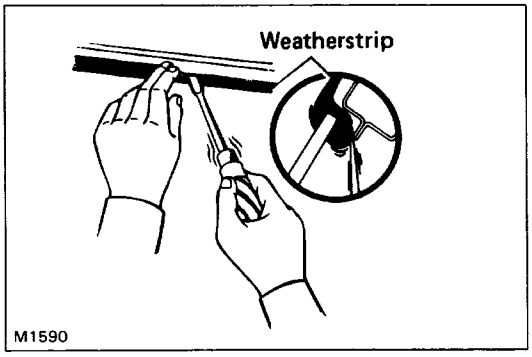
(a) Using a screwdriver, loosen the weatherstrip from the body.

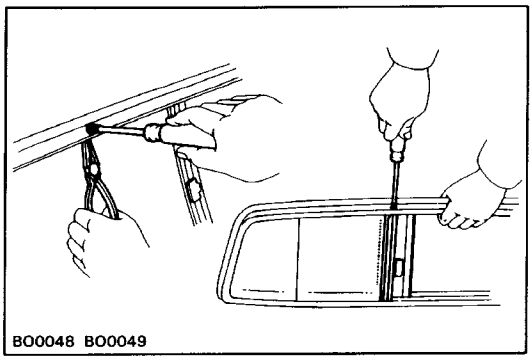
NOTICE: Be careful not to damage the body paint.



(b) Pry the lip of the weatherstrip outward from the interior part of the body flange.

(c) Pull the glass outwards, and remove it with the weatherstrip.



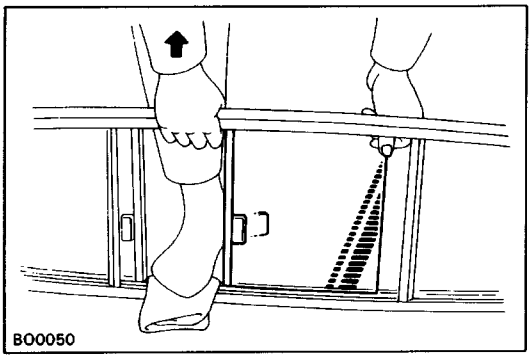

BO0048 BO0049

DISASSEMBLY OF BACK WINDOW ASSEMBLY

(Slide Glass type)

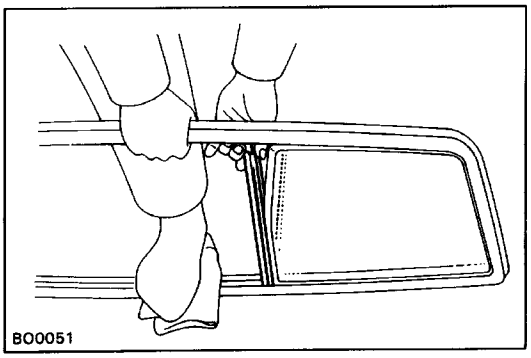
1. REMOVE FOLLOWING PARTS:

- Back window slide glass stoppers
- Four screws holding two fix frames


BO0050

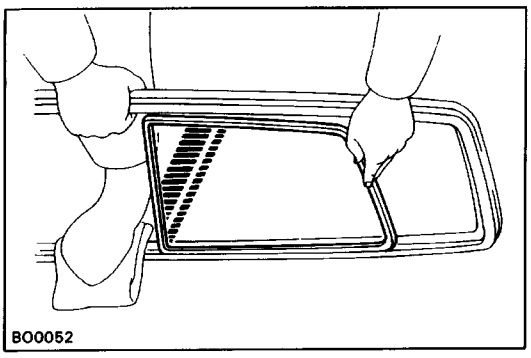
2. REMOVE SLIDE GLASS

Pull apart the channels and remove two slide glass panes at the center area of the glass channel.


BO0051

3. REMOVE NON–SLIDE GLASS

(a) Pull apart the channels and remove two fix frames as shown.


BO0052

(b) Pull apart the channels and remove two non–slide glass panes as shown.

ASSEMBLY OF BACK WINDOW ASSEMBLY

1. INSTALL NON–SLIDE GLASS

(a) Apply soapy water to the contact surface of the weatherstrip and glass channel flange.

(b) Install two non–slide glass panes.

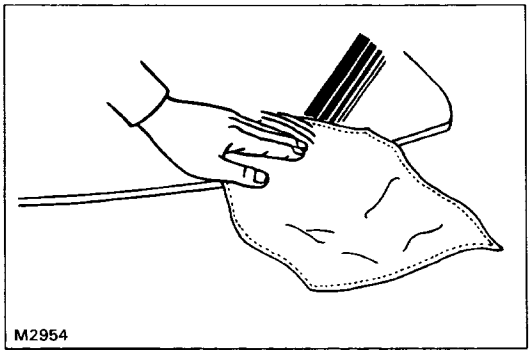
(c) Install two fix frames.

2. INSTALL SLIDE GLASS

Install two slide glass panes at the center area of the glass channel.

3. INSTALL FOLLOWING PARTS:

- Four screws holding two fix frames
- Back window slide glass channel stoppers



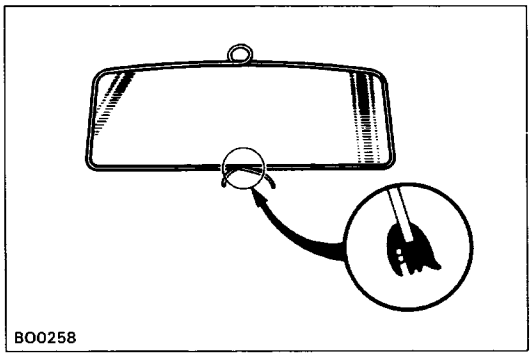
INSTALLATION OF BACK WINDOW

1. CLEAN BODY AND GLASS

Using cleaner, wipe off the contact surface of the body and the glass.

2. CLEAN WEATHERSTRIP

Using cleaner, clean the weatherstrip surface.

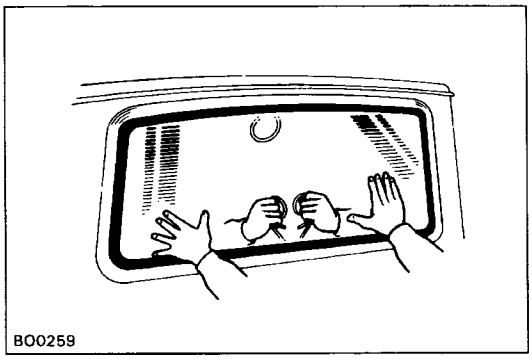


3. INSTALL WEATHERSTRIP ON BACK WINDOW

(a) Attach the weatherstrip to the back window.

NOTICE: 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.

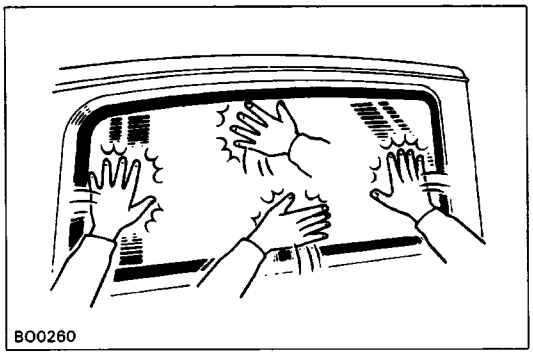


4. INSTALL BACK WINDOW

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

(a) Hold the back window in position on the body.

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



(c) To snug the back window in place, tap from the out–side with your open hand.

5. INSPECT FOR LEAKS AND REPAIR

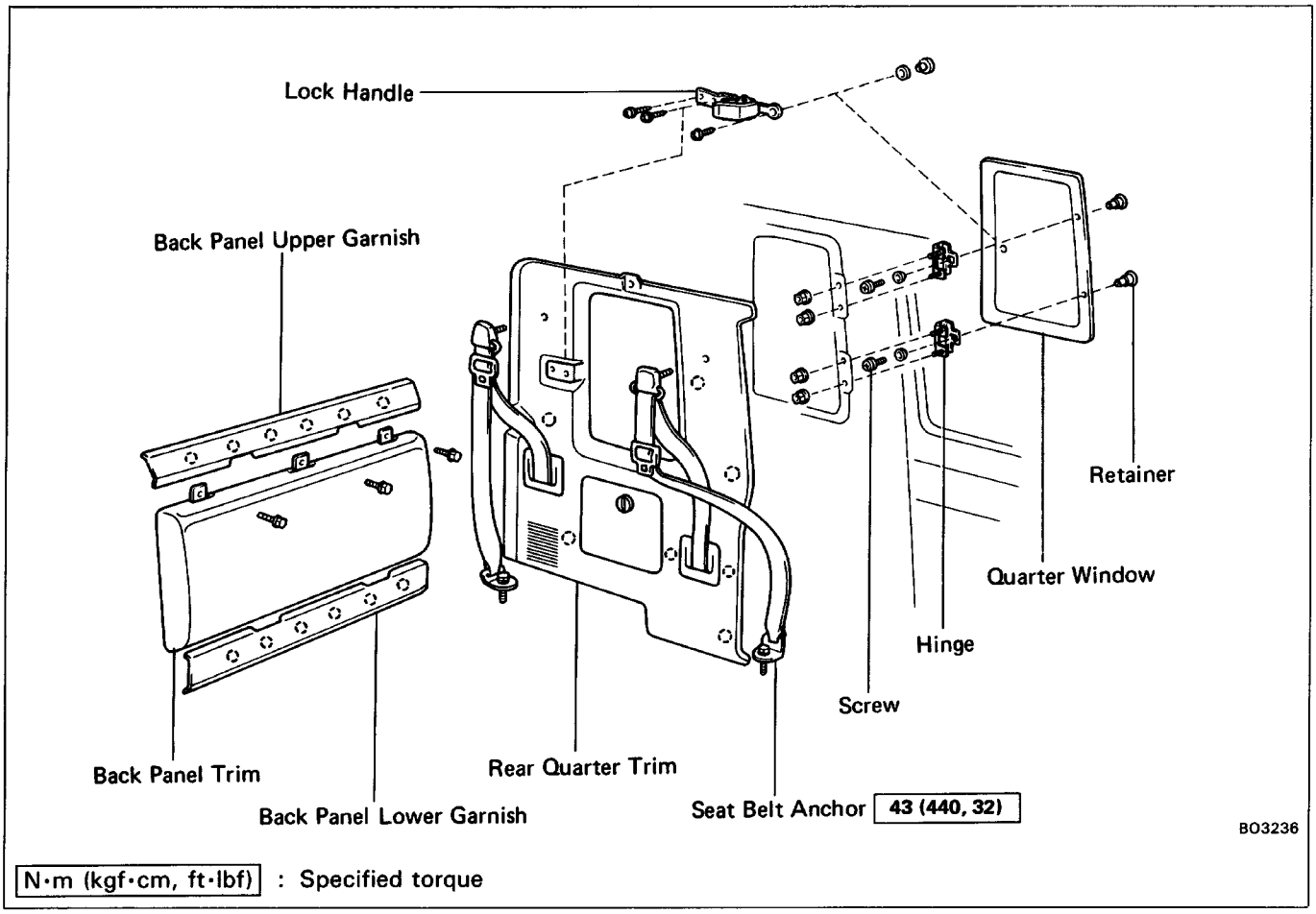
(a) Perform a leak test.

(b) Seal any leak with auto glass sealer.

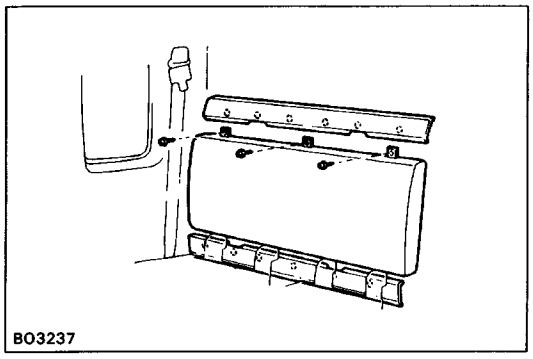
Part No. 08830–00030 or equivalent

QUARTER WINDOW (Xtra Cab)

COMPONENTS



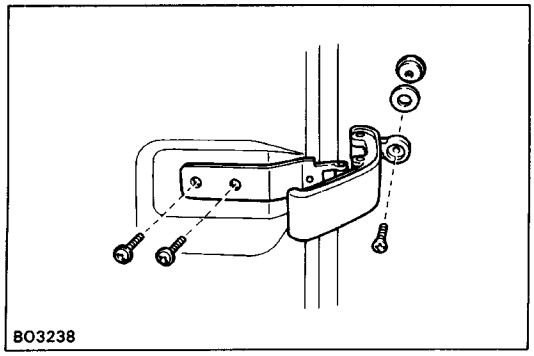
N·m (kgf·cm, ft·lbf) : Specified torque



REMOVAL OF QUARTER WINDOW

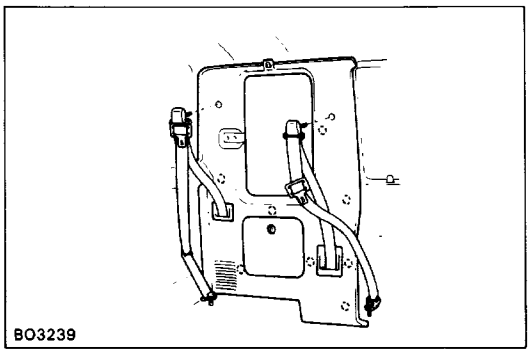
1. REMOVE BACK PANEL GARNISHES AND BACK PANEL TRIM

(a) Remove the back panel lower garnish.
(b) Remove the back panel upper garnish.
(c) Remove three bolts and the back panel trim.



2. REMOVE LOCK HANDLE

Remove three screws and the lock handle.



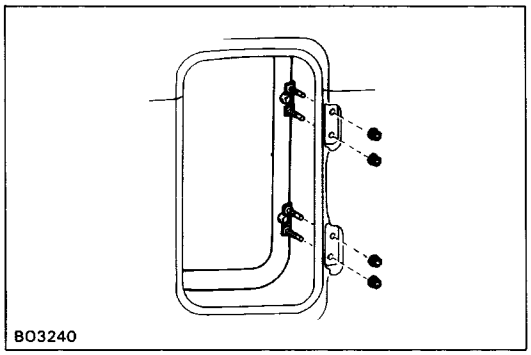
3. REMOVE REAR QUARTER TRIM

(a) Remove four bolts, the seat belt anchors and the belt guide.

(See pages BO–46 and 47)

(b) Remove the screw and the hook.

c) Remove the rear quarter trim.

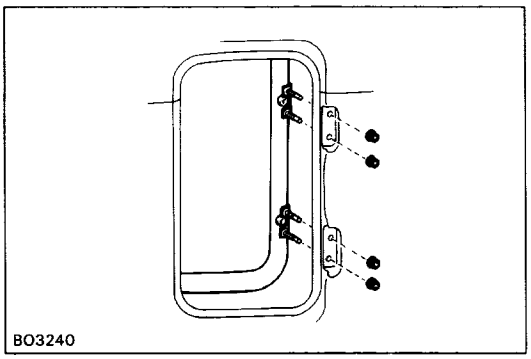


4. REMOVE QUARTER WINDOW

Remove four nuts and the quarter window.

5. REMOVE HINGES FROM WINDOW GLASS

Remove two screws and the hinges.



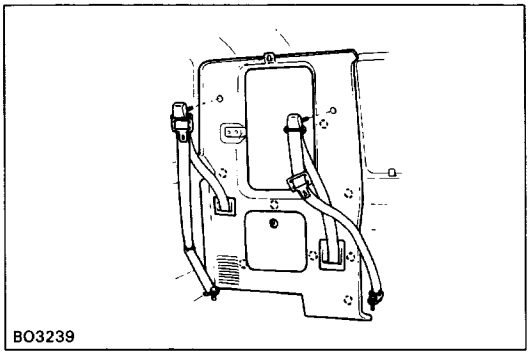
INSTALLATION OF QUARTER WINDOW

1. INSTALL HINGES TO WINDOW GLASS

Install the two hinges with the screws.

2. INSTALL QUARTER WINDOW

Install the quarter window with four nuts.



3. INSTALL REAR QUARTER TRIM

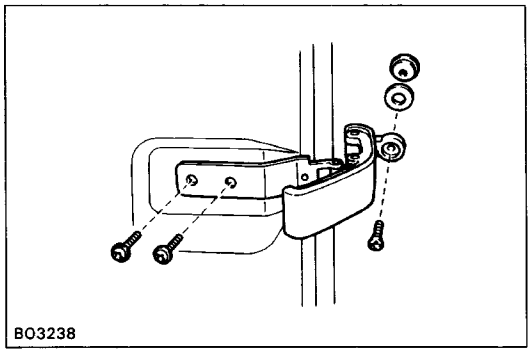
(a) Install the rear quarter trim.

(b) Install the hook with the screw.

(c) Install the seat belt anchor with four bolts.

(See pages BO–46 and 47)

Torque: 43 N–m (440 kgf–cm, 32 ft–lbf)



4. INSTALL LOCK HANDLE

Install the lock handle with three screws.

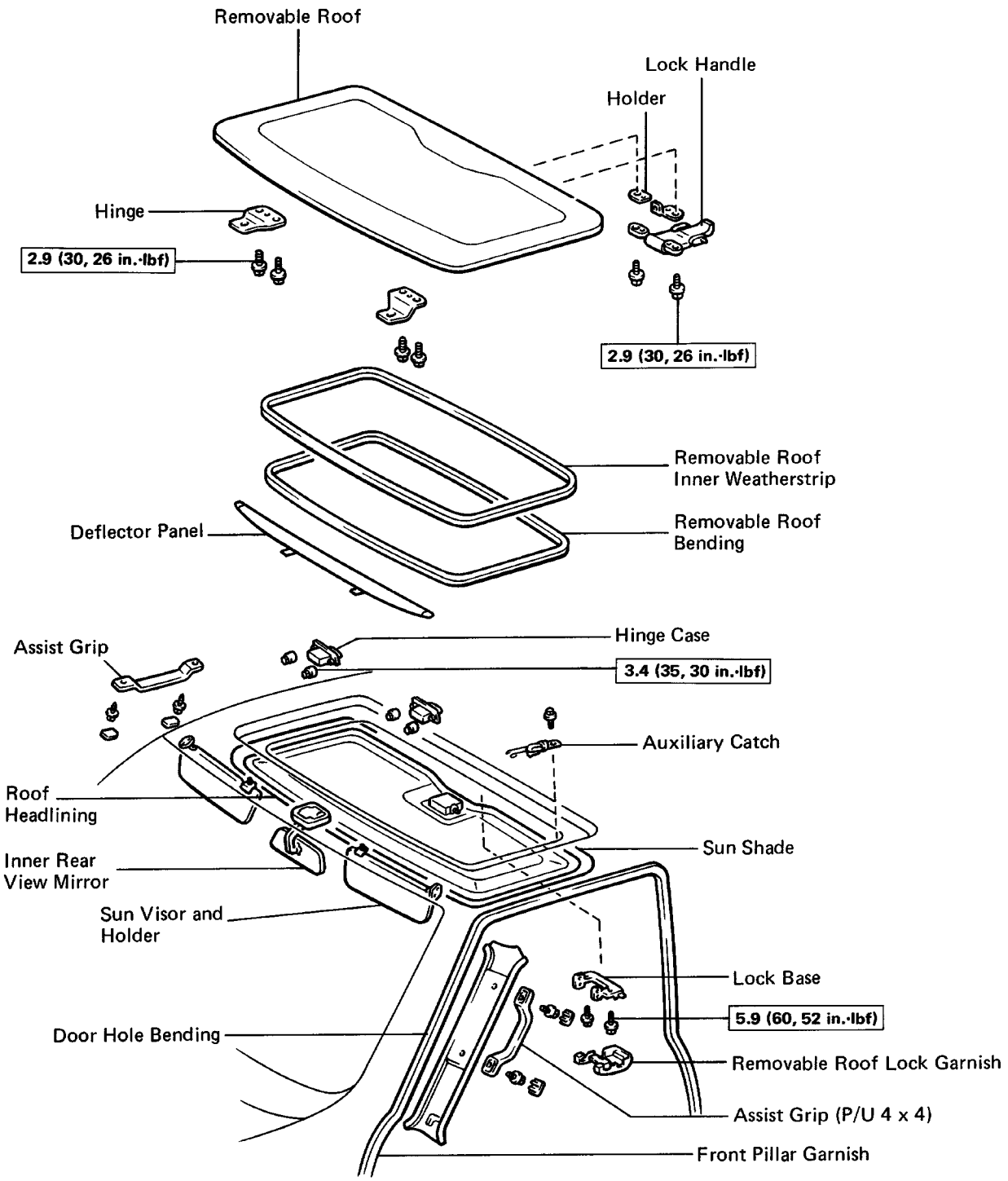
5. INSTALL BACK PANEL TRIM AND BACK PANEL GARNISHES

(a) Install the back panel trim with three bolts.

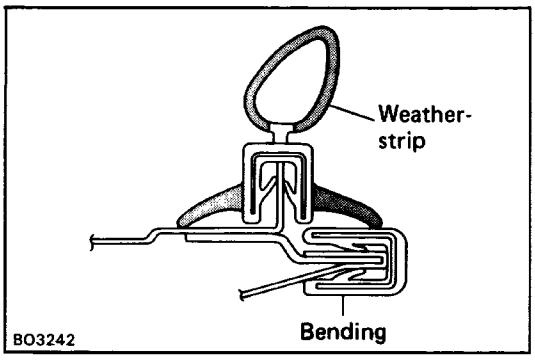
(b) Install the back panel upper garnish by tapping.

(c) Install the back panel lower garnish.

MOON ROOF
COMPONENTS



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



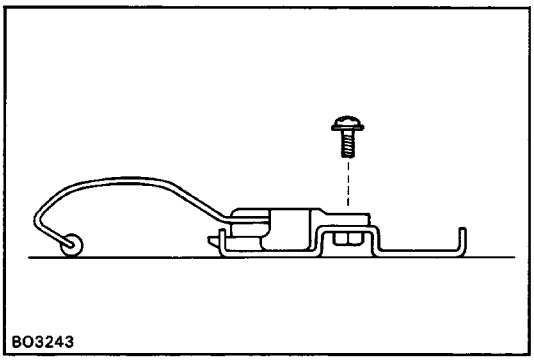
REMOVAL OF MOON ROOF

(See page BO–31)

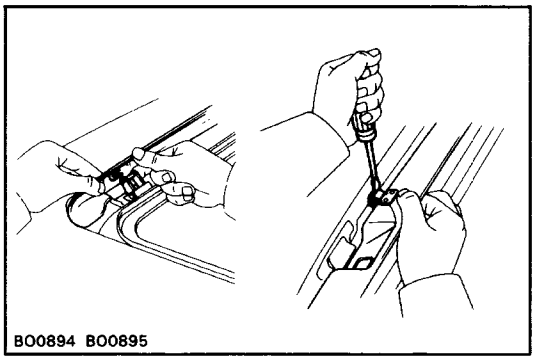
1. REMOVE REMOVABLE ROOF WITH SUN SHADE

2. REMOVE REMOVABLE ROOF INNER WEATHERSTRIP

3. REMOVE REMOVABLE ROOF BENDING



4. REMOVE REMOVABLE ROOF AUXILIARY CATCH



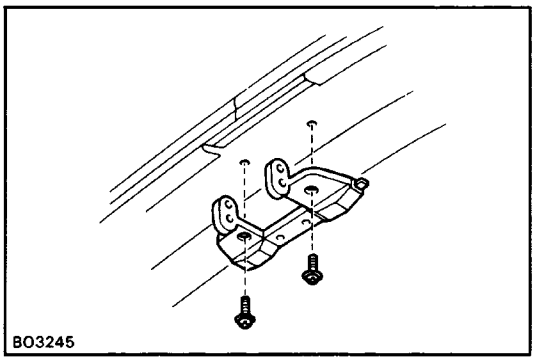
5. REMOVE WIND DEFLECTOR PANEL

(a) Remove two outside deflector clips on the left and right sides.

(b) Remove two inside deflector clips on the left and right sides, while prying it with a screwdriver.

HINT: Tape the screwdriver tip before use.

6. REMOVE REMOVABLE ROOF LOCK GARNISH



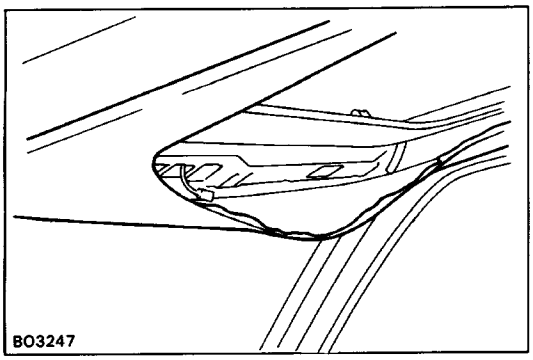
7. REMOVE REMOVABLE ROOF LOCK BASE

Remove two screws and the lock base.

8. REMOVE FOLLOWING PARTS:

(See page BO–31)

- Inner rear view mirror
- Sun visors and holders
- Assist grip
- Front pillar garnishes
- Door hole bendings

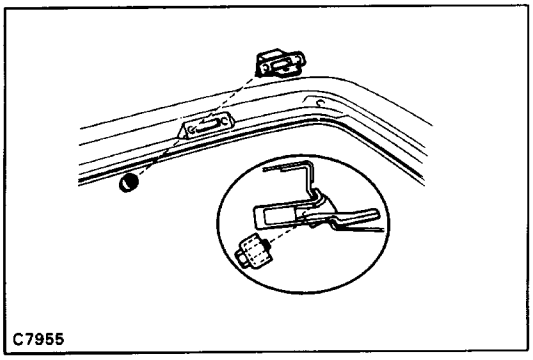


9. REMOVE ROOF HEADLINING

(a) Remove the roof headlining as shown, and leave it hanging.

(b) Remove any double–stick tape remaining on the body.

NOTICE: Do not damage the roof headlining.



10. REMOVE REMOVABLE ROOF HINGE CASE

Remove two bolts and the hinge case.

INSTALLATION OF MOON ROOF

(See page BO–31)

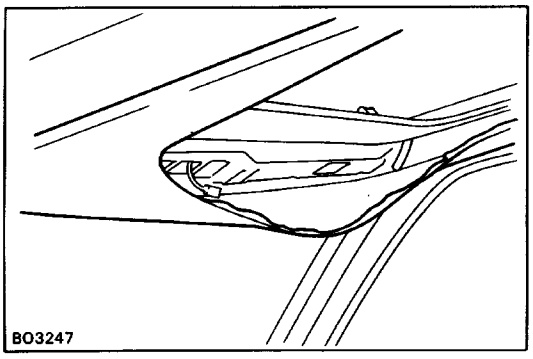
1. INSTALL REMOVABLE ROOF HINGE CASE

Install the hinge case with the bolts.

Torque: 3.4 N–m (35 kgf–cm, 30 in.–lbf)

HINT:

- Make sure the seal is properly torqued.
- If any part of the seal is damaged, replace the seal and case.



2. INSTALL REMOVABLE ROOF HEADLINING

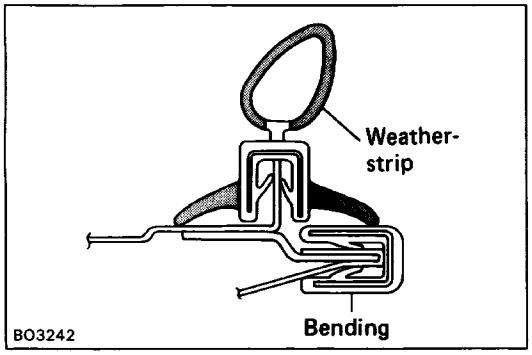
(a) Apply double–stick tape to the edge of the roof panel.

(b) Install the roof headlining to the double–stick tape on the body.

3. INSTALL FOLLOWING PARTS:

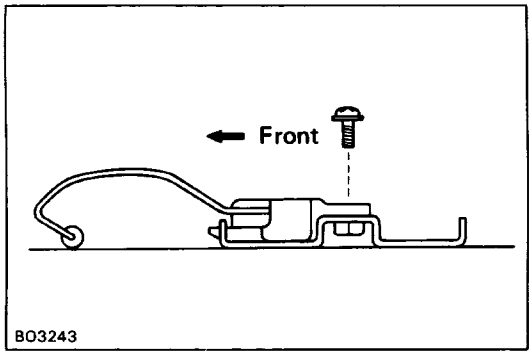
(See page BO–31)

- Door hole bendings
- Front pillar garnishes
- Assist grip
- Sun visors and holders
- Inner rear view mirror



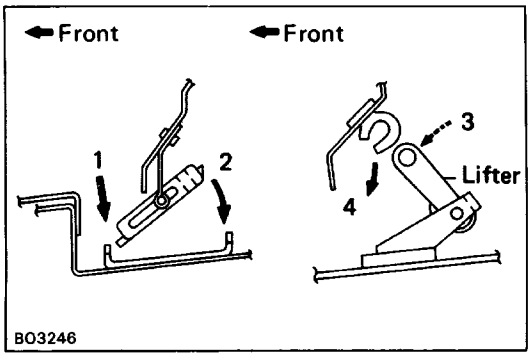
4. INSTALL REMOVABLE ROOF BENDING

5. INSTALL REMOVABLE ROOF INNER WEATHERSTRIP



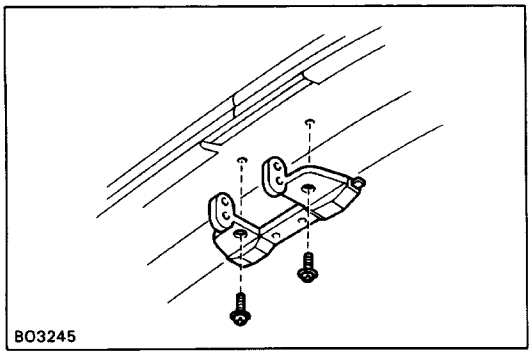
6. INSTALL REMOVABLE ROOF AUXILIARY CATCH

Install the auxiliary catch with the bolt.



7. INSTALL WIND DEFLECTOR PANEL

Install the deflector clips as shown in the illustration.



8. INSTALL REMOVABLE ROOF LOCK BASE

Install the lock base, and lightly tighten the bolts.

9. INSTALL REMOVABLE ROOF WITH SUN SHADE

10. TORQUE REMOVABLE ROOF LOCK BASE BOLTS

Torque: 5.9 N–m (60 kgf–cm, 52 in.–lbf)

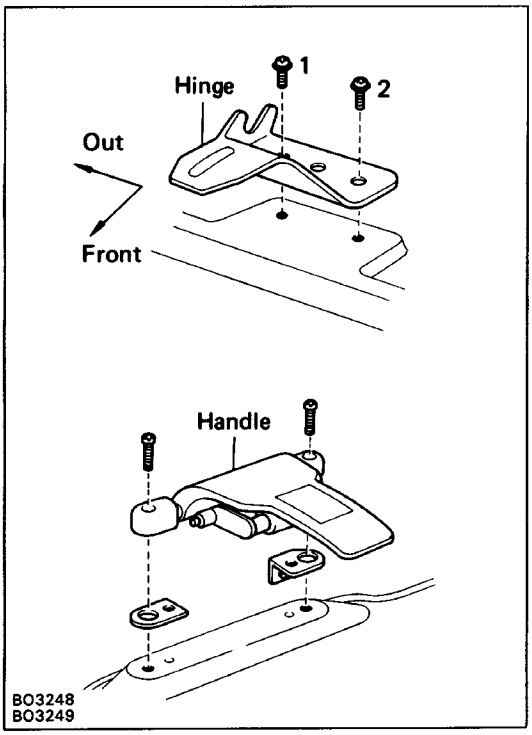
11. INSTALL REMOVABLE ROOF LOCK GARNISH

DISASSEMBLY OF REMOVABLE ROOF

(See page BO–31)

1. REMOVE HANDLE WITH HOLDER

2. REMOVE LEFT/RIGHT HINGE



ASSEMBLY OF REMOVABLE ROOF

1. INSTALL LEFT/RIGHT HINGE

(a) Install the hinge with two screws.

(b) Torque the outside screw.

Torque: 2.9 N–m (30 kgf–cm, 26 in.–lbf)

(c) Torque the inside screw.

Torque: 2.9 N–m (30 kgf–cm, 26 in.–lbf)

2. INSTALL HOLDER AND HANDLE

(a) Install the holder and handle with two bolts.

(b) Torque the bolts.

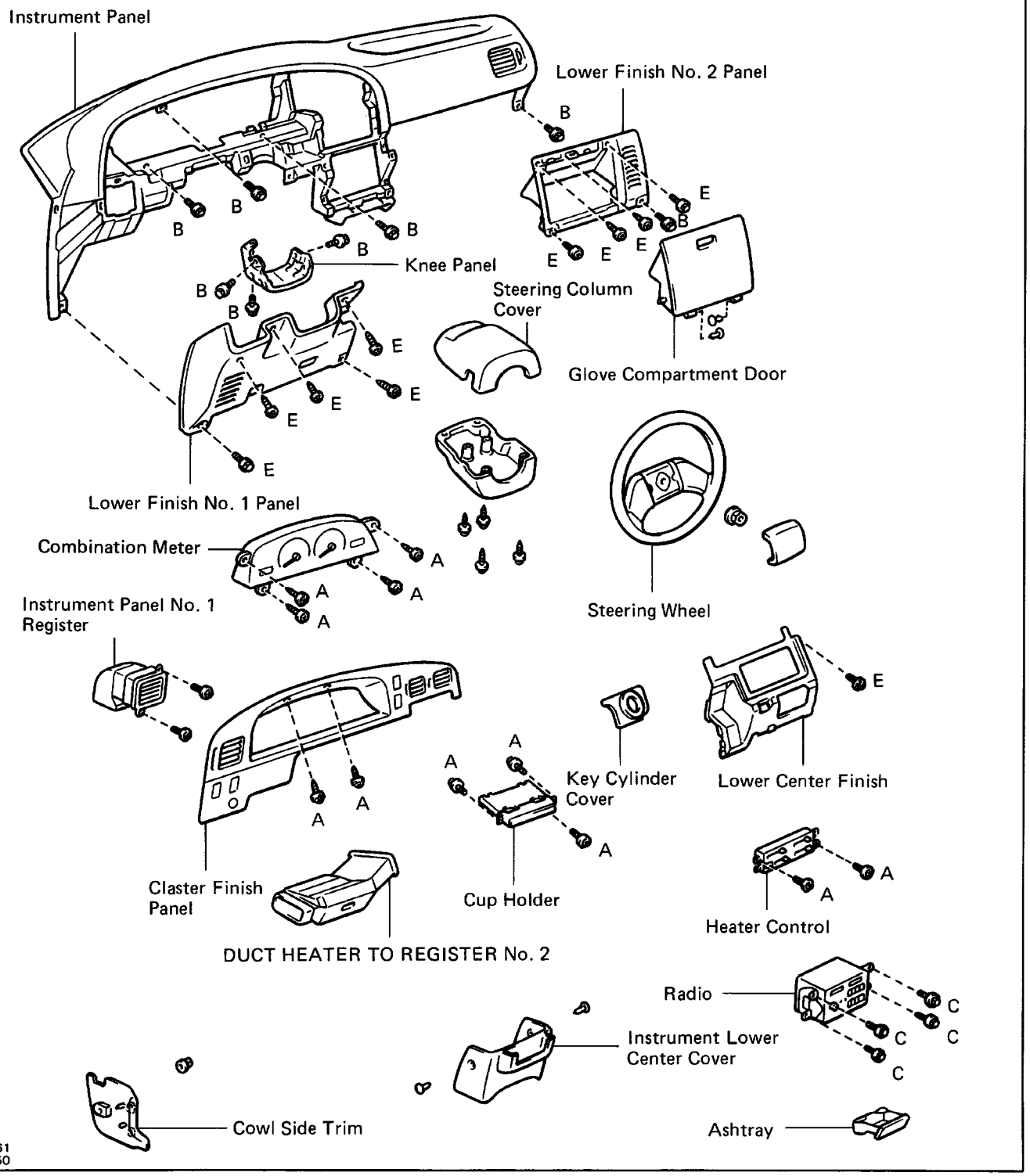
Torque: 2.9 N–m (30 kgf–cm, 26 in.–lbf)

INSTRUMENT PANEL

COMPONENTS

Models Ex. 4-Speed M/T

Code	Shape	Size	Code	Shape	Size	Code	Shape	Size
A		ϕ=5 (0.20) L=14 (0.55)	B		ϕ=6 (0.24) L=22 (0.87)	C		ϕ=5 (0.20) L=18 (0.71)
D		ϕ=5 (0.20) L=16 (0.63)	E		ϕ=5 (0.20) L=16 (0.63)			

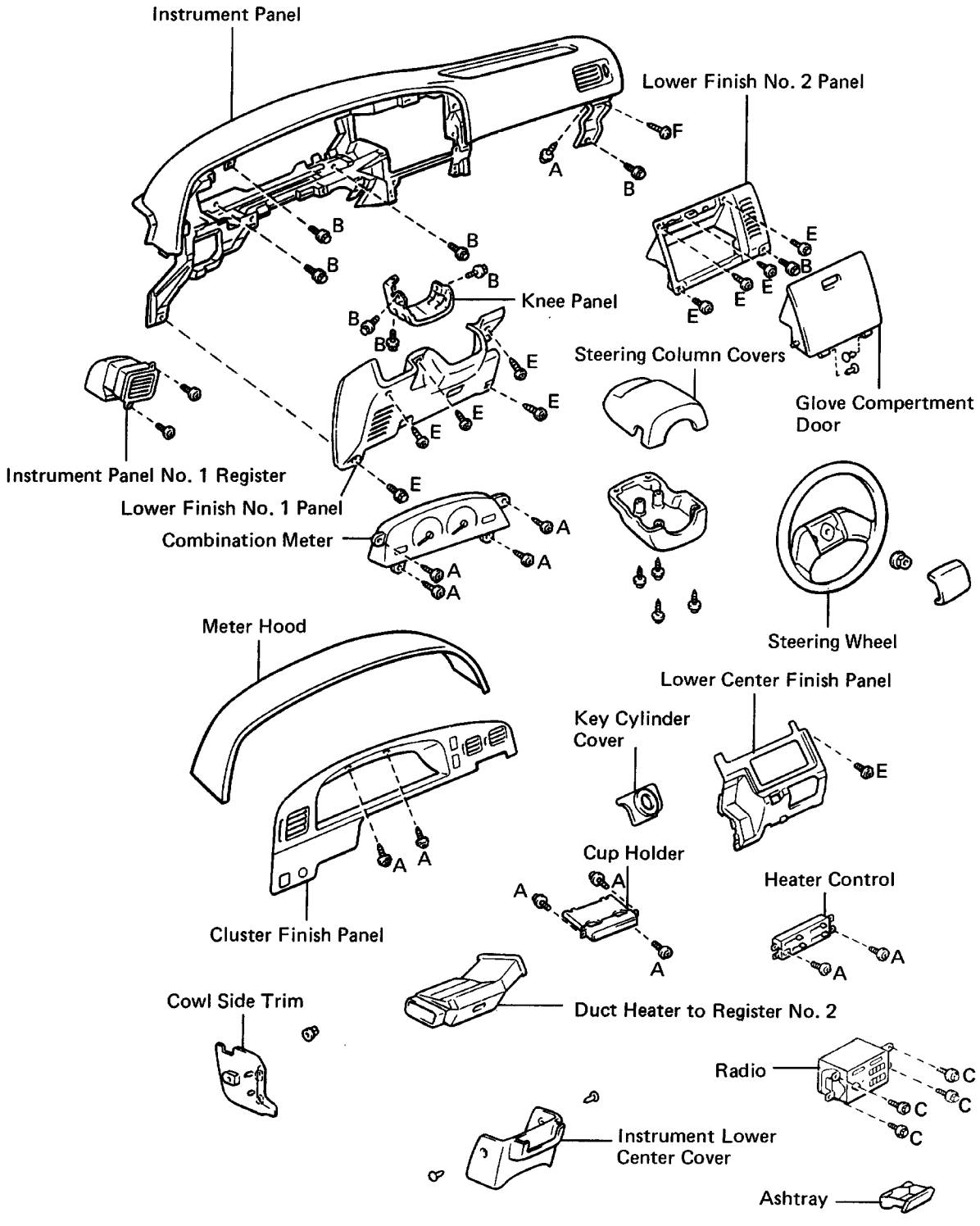


BO4461
NO2850

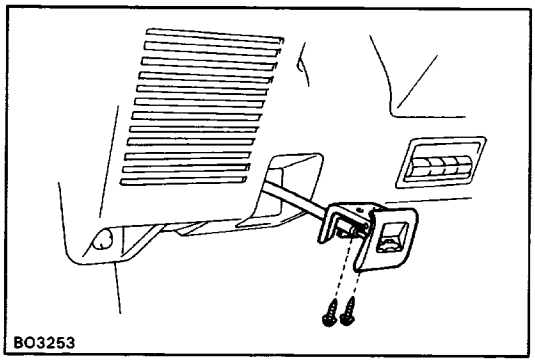
COMPONENTS (Cont'd)

4-Speed M/T Models

Code	Shape	Size	Code	Shape	Size	Code	Shape	Size
A		ϕ = 5 (0.20) L = 14 (0.55)	B		ϕ = 6 (0.24) L = 22 (0.87)	C		ϕ = 5 (0.20) L = 18 (0.71)
D		ϕ = 5 (0.20) L = 16 (0.63)	E		ϕ = 5 (0.20) L = 16 (0.63)	F		ϕ = 5 (0.20) L = 14 (0.55)



N03040
N02849



REMOVAL OF INSTRUMENT PANEL

(See pages BO–36 and 37)

1. DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL

2. REMOVE STEERING WHEEL

(See page SR–4)

3. REMOVE STEERING COLUMN COVERS

(See page SR–4)

4. REMOVE ENGINE HOOD RELEASE LEVER

Remove two screws and the engine hood release lever.

5. REMOVE COWL SIDE TRIM

Remove the nut and the cowl side trim.

6. REMOVE INSTRUMENT LOWER CENTER COVER

Remove two clips and the cover.

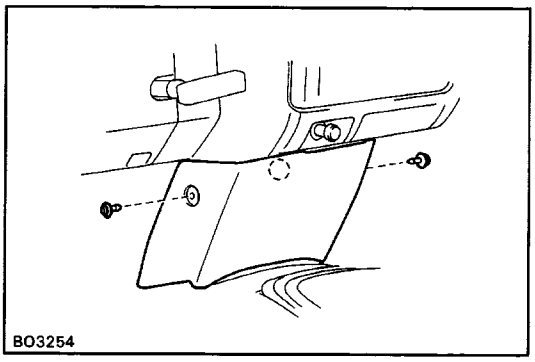
7. REMOVE KEY CYLINDER COVER

Pry out the key cylinder cover.

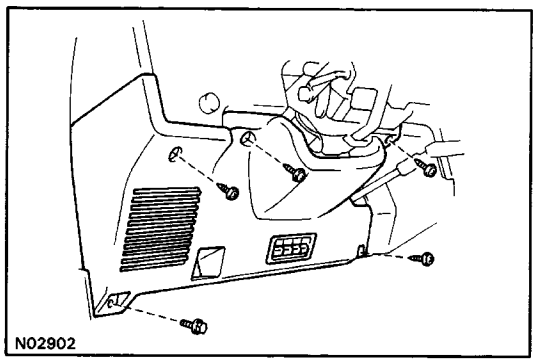
8. REMOVE LOWER FINISH NO.1 PANEL

(a) Remove four screws, one bolt and the panel.

(b) Disconnect the connector.

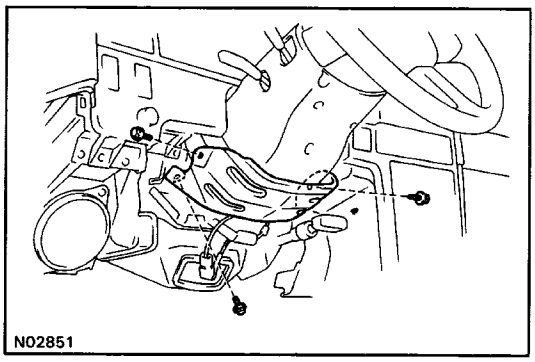


9. REMOVE DUCT HEATER TO REGISTER NO.2



10. REMOVE KNEEPANEL

Remove the three bolts and knee panel.



11. REMOVE HEATER CONTROL PLATE

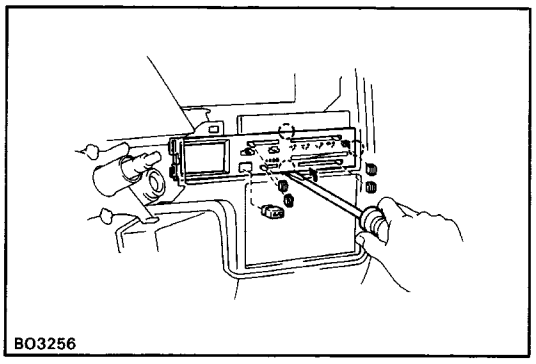
(a) Pull off the heater control knobs.

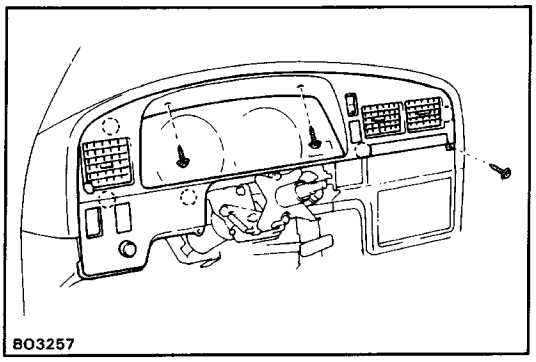
(b) (w/ A/C)

Pry off the A/C switch.

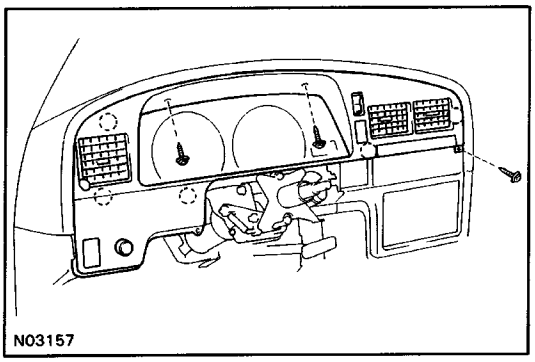
(c) Using a screwdriver, pry out the heater control plate as shown in the illustration, and remove it.

HINT: Tape the screwdriver tip before use.

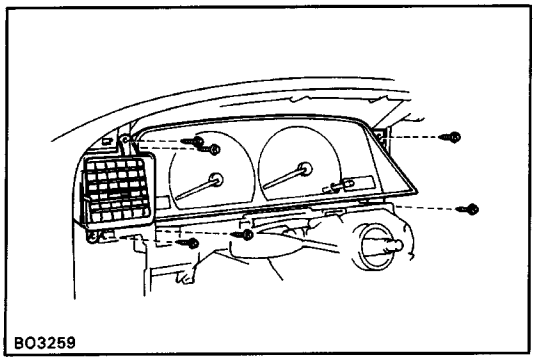




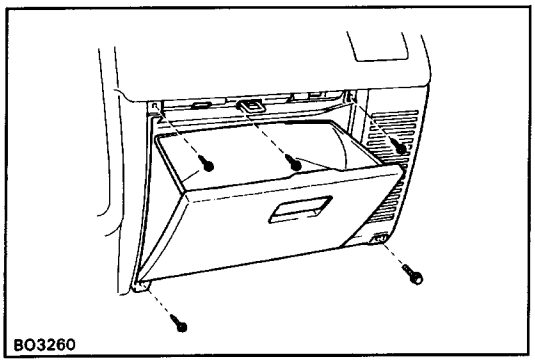
12–1.(Models Ex. 4–Speed M/T)
REMOVE CLUSTER FINISH PANEL
(a) Remove three screws and pull out the cluster finish panel.
(b) Disconnect the connectors.
(c) Remove two screws and the cup holder from the cluster finish panel.



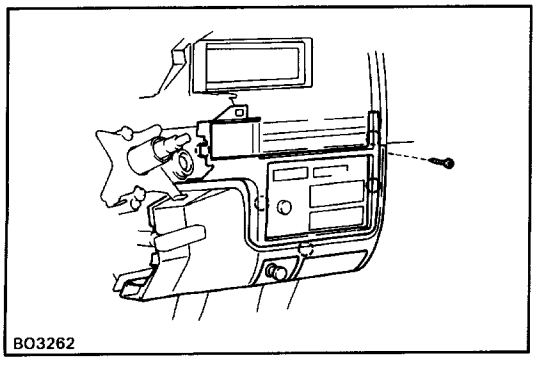
12–2.(4–Speed M/T Models)
REMOVE CLUSTER FINISH PANEL WITH METER HOOD
(a) Remove two screws and pull out the cluster finish panel with meter hood.
(b) Disconnect the connectors.
(c) Pull off the meter hood.
(d) Remove two screws and the cup holder from the cluster finish panel.



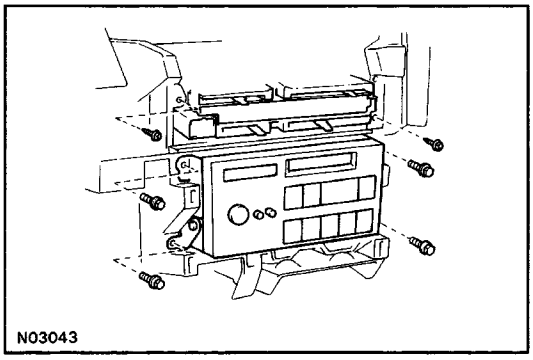
13. REMOVE INSTRUMENT PANEL NO. 1 REGISTER
Remove two screws and the register.
14. REMOVE COMBINATION METER
(a) Remove four screws.
(b) Disconnect the connectors.
(c) Remove the combination meter.

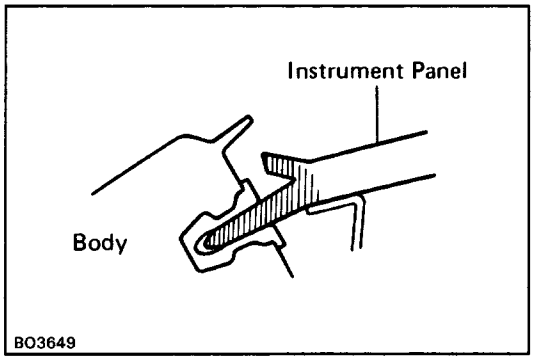


15. REMOVE LOWER FINISH NO.2 PANEL WITH GLOVE COMPARTMENT DOOR
(a) Remove four screws, one bolt and the lower finish No.2 panel with glove compartment door.
(b) Disconnect the connector.



16. REMOVE LOWER CENTER FINISH PANEL
(a) Remove a screw and pull out the panel.
(b) Disconnect the connectors.





17. REMOVE HEATER CONTROL

Remove two screws and hang the heater control.

18. REMOVE RADIO

(a) Remove four bolts

(b) Disconnect the antenna cable and connectors.

(c) Remove the radio with bracket.

19. REMOVE INSTRUMENT PANEL

(a) Remove four bolts and the instrument panel.

(b) Disconnect the connectors.

HINT: The instrument panel has a boss onto the clip on the body side. Therefore when removing, pull upward at an angle.

20. REMOVE FOLLOWING PARTS FROM INSTRUMENT PANEL

(Models Ex. 4–Speed M/T)

(a) Safety pad

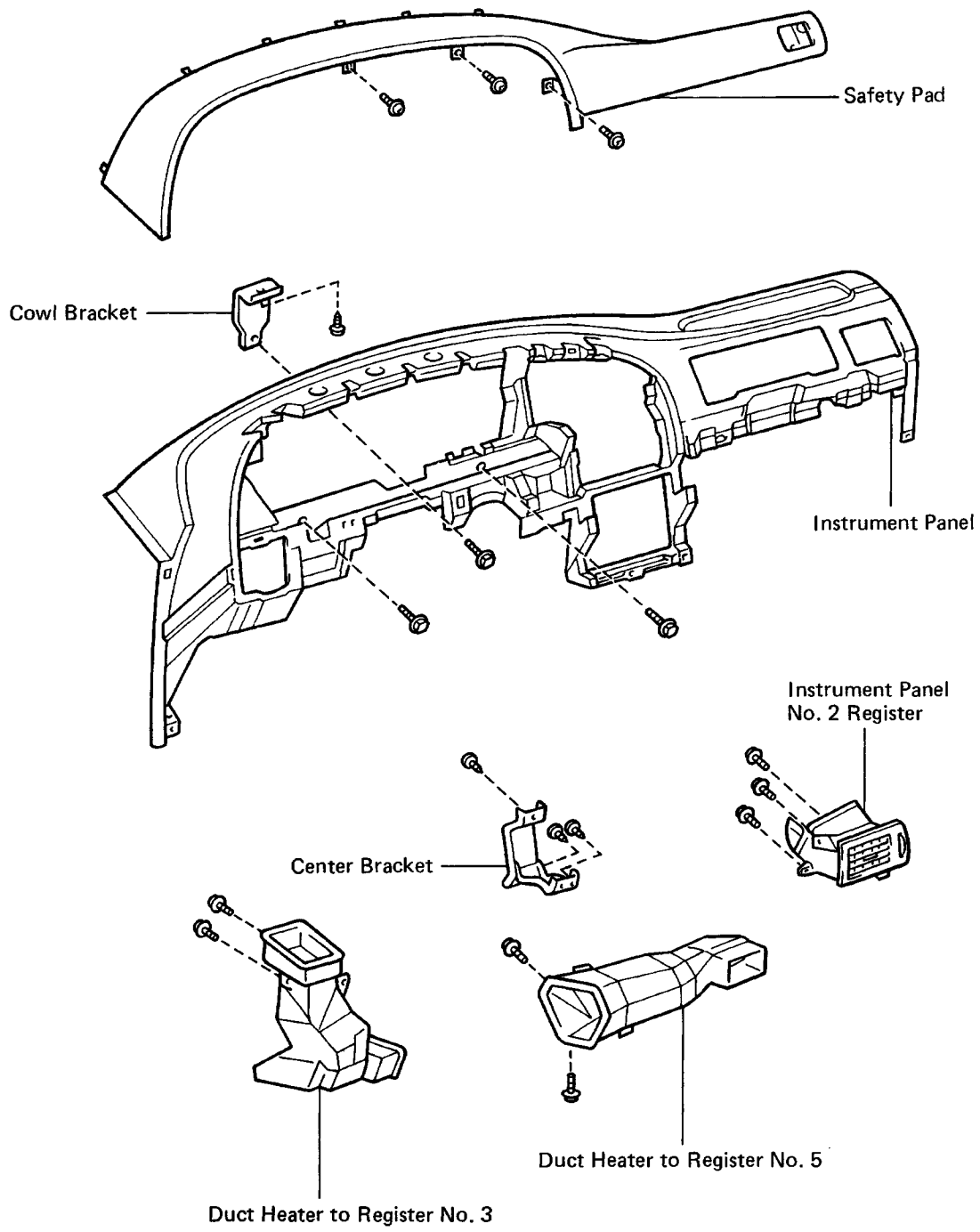
(b) No. 3, No. 5 heater to register ducts

(c) Instrument panel No.2 register

(d) Center bracket

(e) Cowl bracket

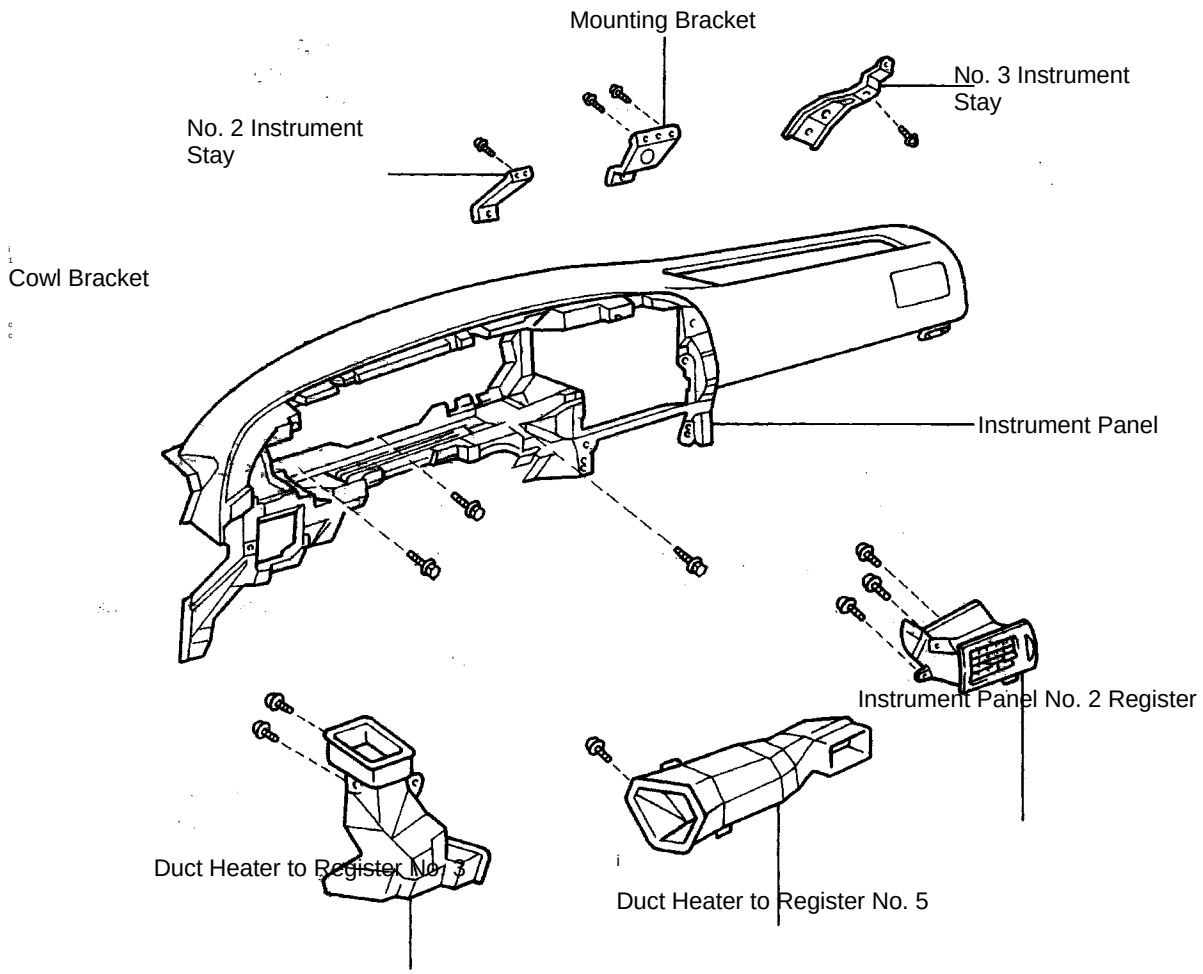
Models Ex. 4-speed M/T



(4–Speed M/T Models)

(a) No.3, No.5 heater to register duct
(b) Instrument panel No.2 register
(c) No.2, No.3 Instrument stay
(d) Mounting bracket
(e) Cowl bracket

4–Speed M/T Models



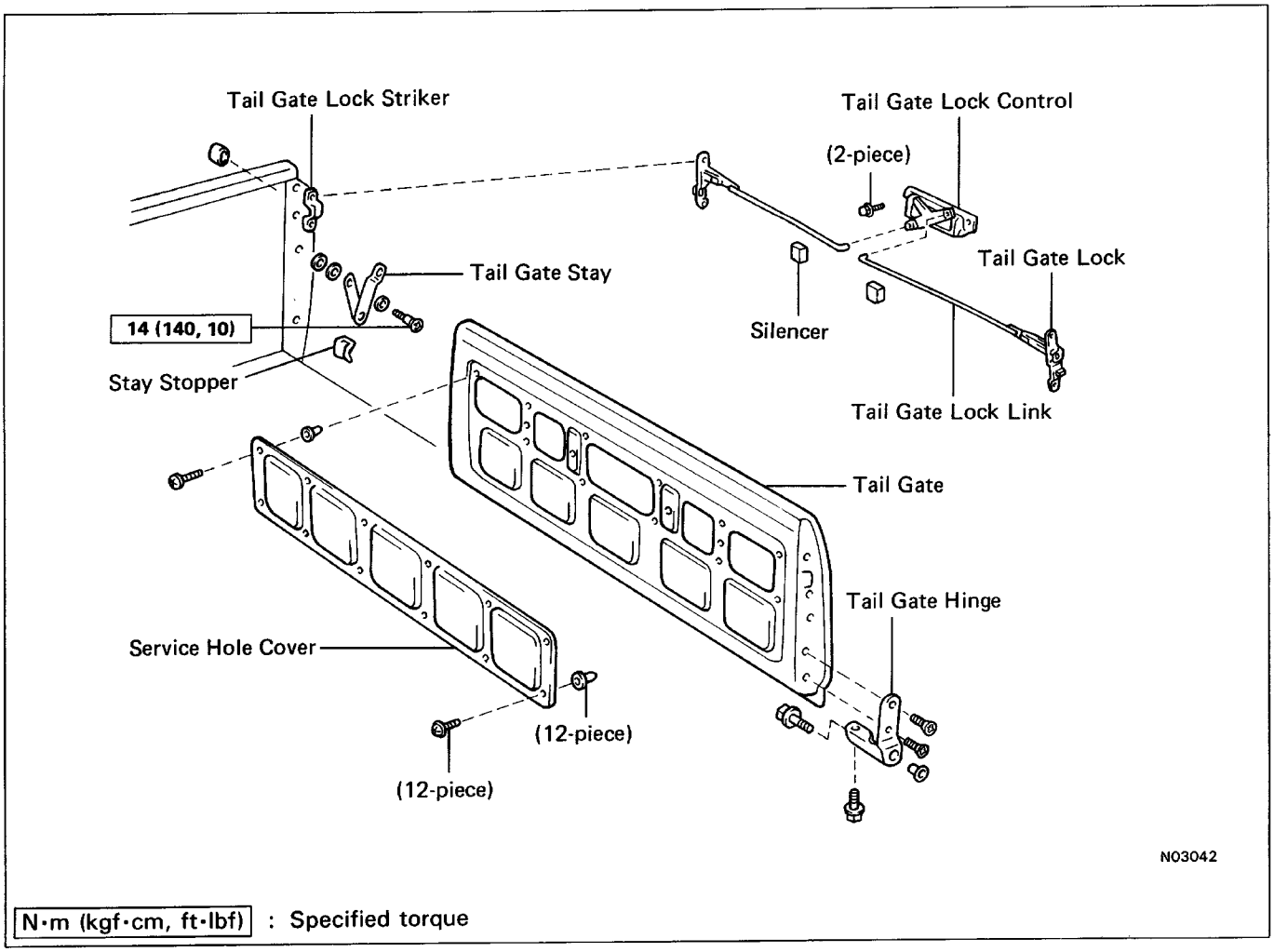
INSTALLATION OF INSTRUMENT PANEL

(See pages BO–36 and 37)

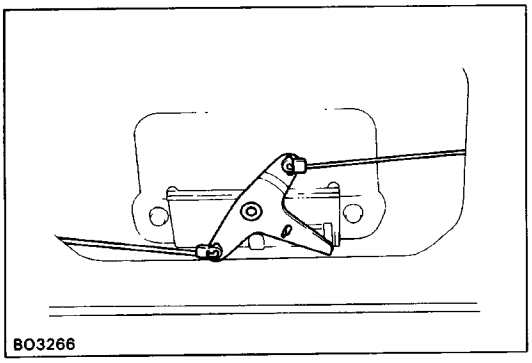
INSTALL INSTRUMENT PANEL PARTS FOLLOWING REMOVAL SEQUENCE IN REVERSE

ONE–TOUCH TAIL GATE

COMPONENTS



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

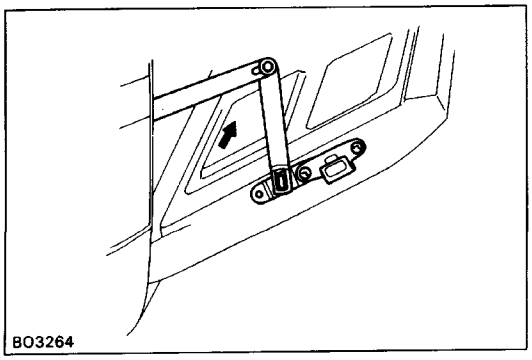


REMOVAL OF TAIL GATE LOCK

1. REMOVE SERVICE HOLE COVER

Remove twelve screws and the service hole cover.

2. DISCONNECT TAIL GATE LOCK LINK FROM TAIL GATE LOCK CONTROL



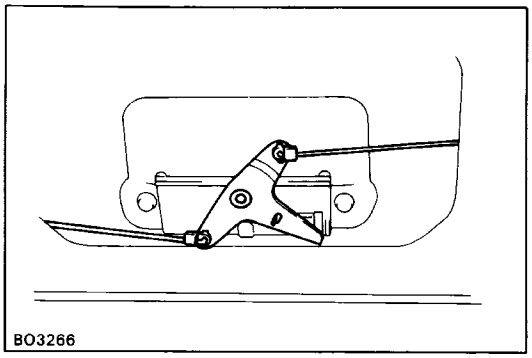
3. REMOVE TAIL GATE STAY

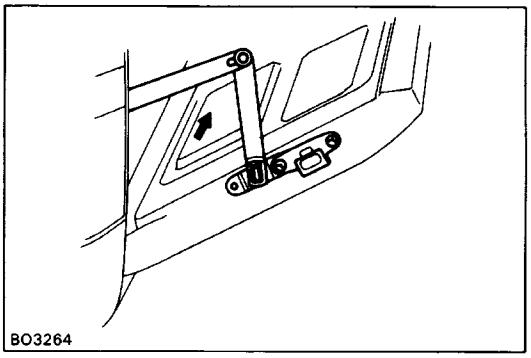
(a) Disconnect the tail gate stay from the tail gate.

(b) Remove the bolt and the tail gate stay from the body.

4. REMOVE TAIL GATE LOCK FROM TAIL GATE

Remove two screws and the tail gate lock.





INSTALLATION OF TAIL GATE LOCK

1. INSTALL TAIL GATE LOCK TO TAIL GATE

Install the tail gate lock with the two screws.

2. INSTALL TAIL GATE STAY

(a) Install the tail gate stay and the bolt.

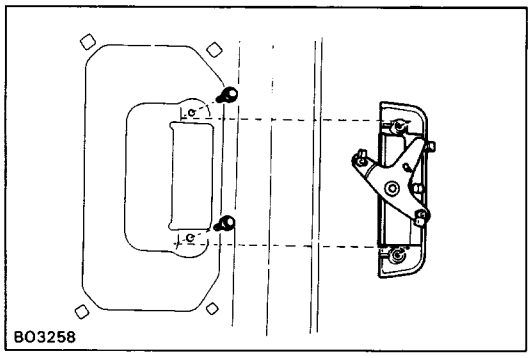
Torque: 14 N–m (140 kgf–cm, 10 ft–lbf)

(b) Connect the tail gate stay to the tail gate.

3. CONNECT TAIL GATE STAY TO TAIL GATE

4. INSTALL SERVICE HOLE COVER

Install service hole cover with twelve screws.



REMOVAL OF TAIL GATE LOCK CONTROL

1. REMOVE SERVICE HOLE COVER

2. DISCONNECT TWO TAIL GATE LOCK LINKS

3. REMOVE TAIL GATE LOCK CONTROL

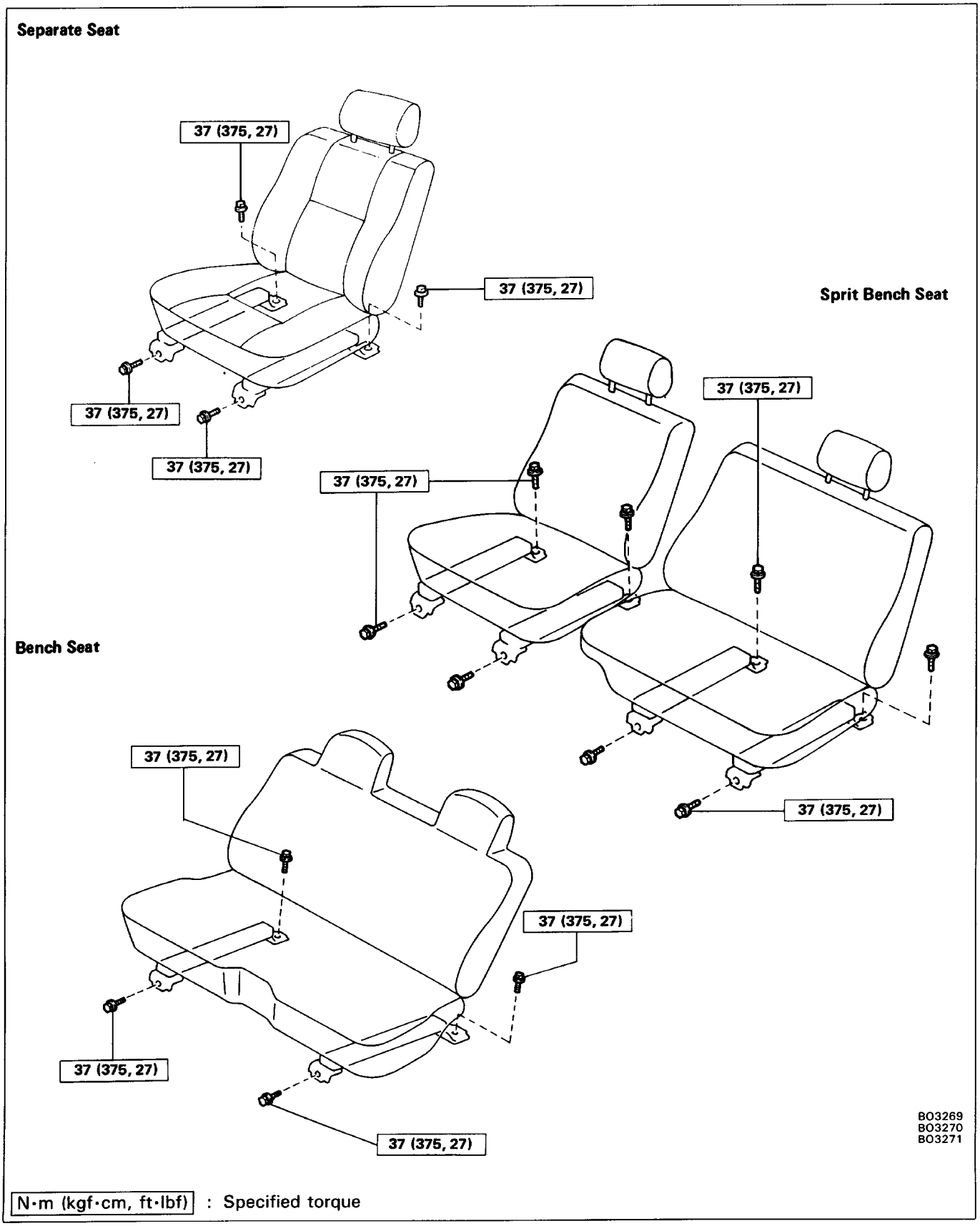
INSTALLATION OF TAIL GATE LOCK CONTROL

INSTALL TAIL GATE LOCK CONTROL IN REVERSE ORDER OF REMOVAL

SEAT

Front Seat

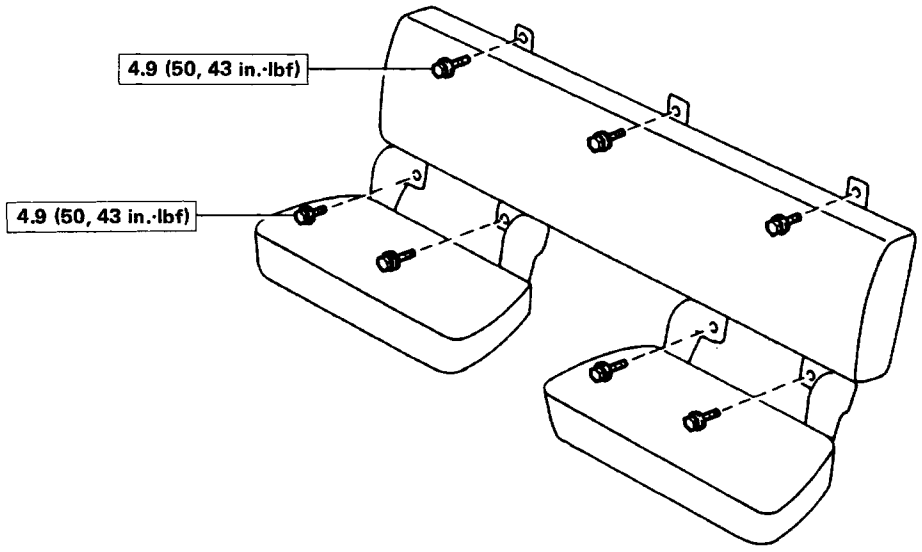
COMPONENTS



Rear Jump Seat

COMPONENTS (Cont'd)

Xtra Cab



BO3272

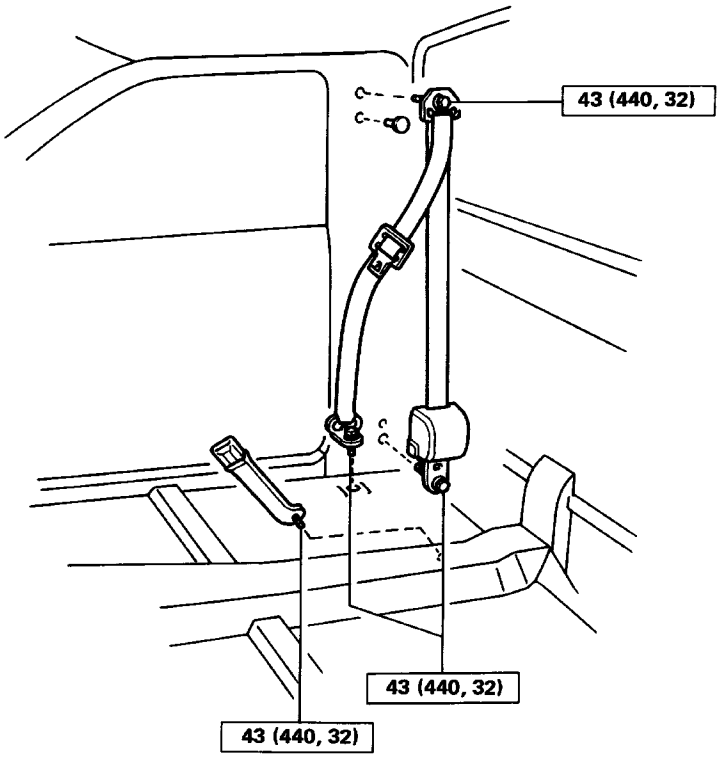
N·m (kgf·cm, ft·lbf) : Specified torque

SEAT BELT

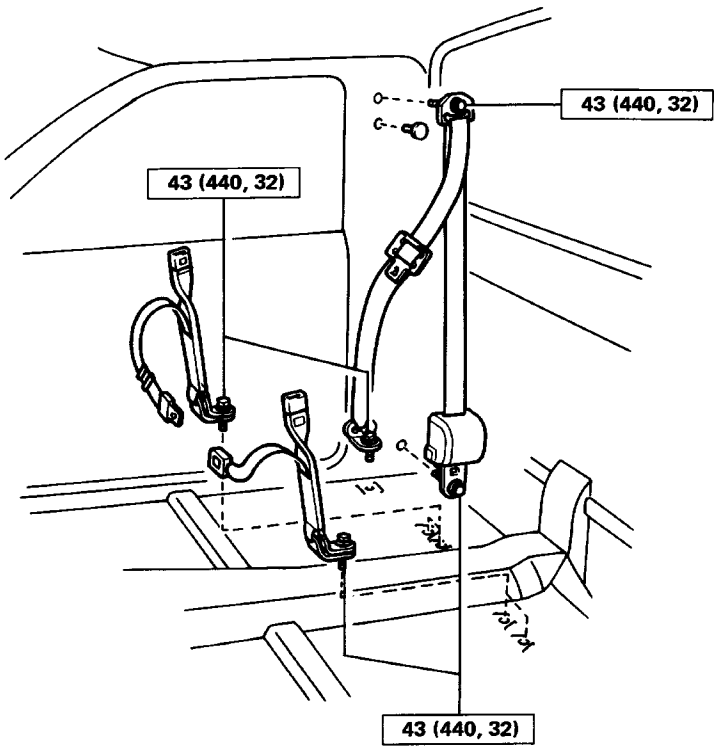
Front Seat Belt

COMPONENTS

Separate Seat



Sprit Bench Seat and Bench Seat



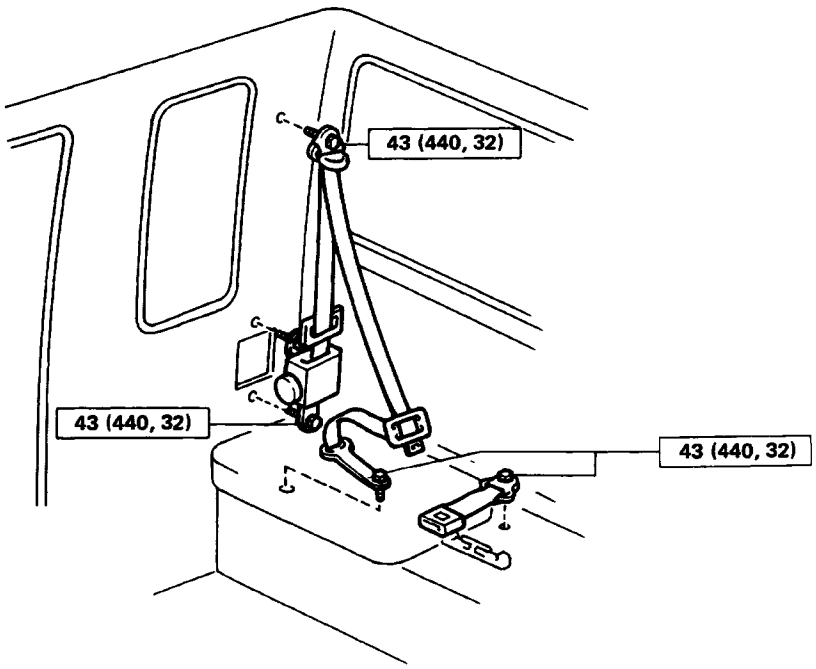
BO3275
BO3274

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

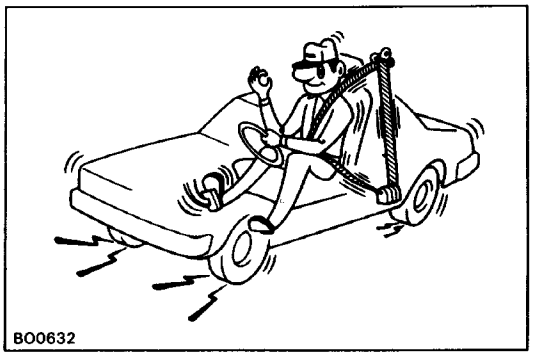
Rear Jump Seat Belt

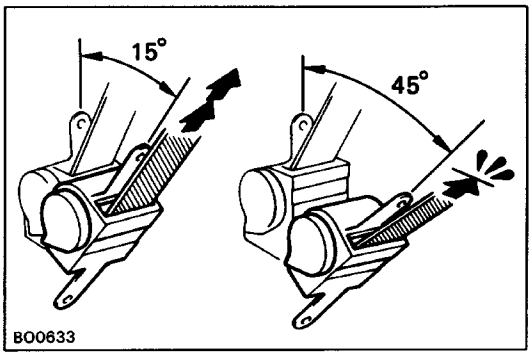
COMPONENTS (Cont'd)

Xtra Cab

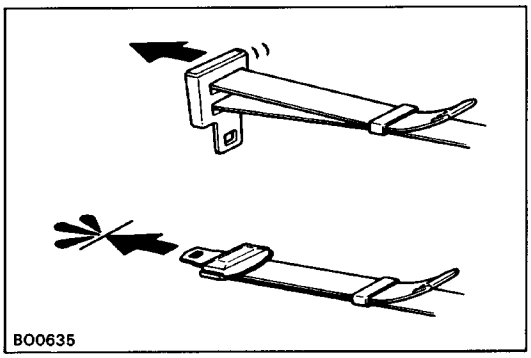


N·m (kgf·cm, ft·lbf) : Specified torque


BO0632



BO0633


BO0635

SEAT BELT

[Emergency Locking Retractor (ELR) Type]

1. RUNNING TEST (IN SAFETY AREA)

(a) Fasten the seat belt.
(b) Drive the car at 10 mph116 km/h) and make a very hard stop.
(c) Check that the seat belt is locked and cannot be ex–tended at this time.

HINT: Conduct this test in safe area. If the belt does not lock, remove the belt mechanism assembly and conduct the following static check. Also, whenever installing a new belt assembly, verify the proper operation before in–stallation.

2. STATIC TEST

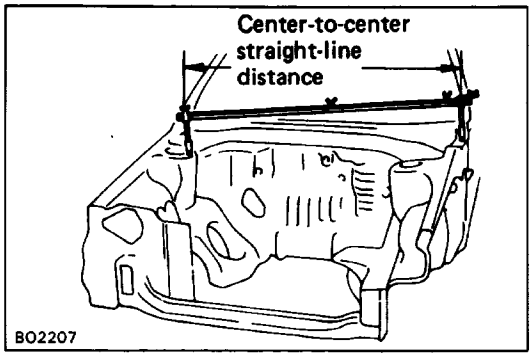
(a) Remove the locking retractor assembly.
(b) Tilt the retractor slowly.
(e) Verify that the belt can be pulled out at a tilt of 15 degrees or less, and cannot be pulled out at over 45 degrees of tilt.
If a problem is found, replace the assembly.

CENTER SEAT BELT

(Manual Type)

TESTING

(a) Adjust the belt to the proper length.
(b) Apply a firm load to the belt.
(c) Verify that the belt does not extend.



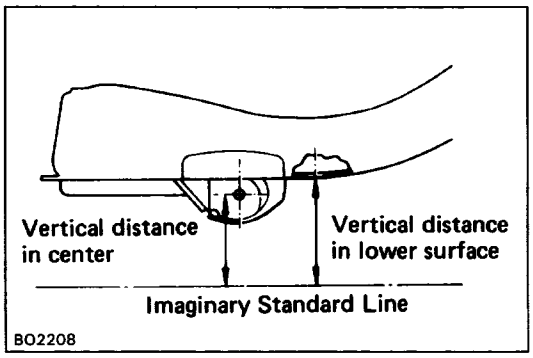
BODY DIMENSIONS

General Information

1. BASIC DIMENSIONS

(a) There are two types of dimensions in the diagram.
(Three–dimensional distance)

- Straight–line distance between the centers of two measuring points.



(Two–dimensional distance)

- Horizontal distance in forward/rearward between the centers of two measuring points.
- The height from an imaginary standard line.

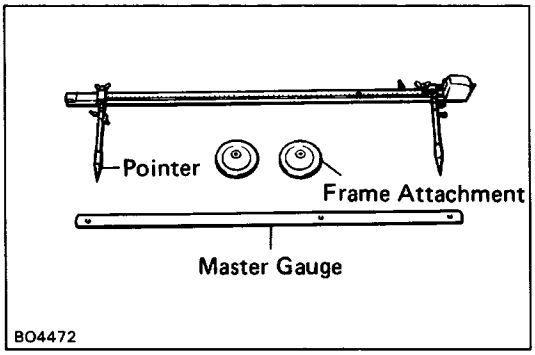
(b) Incases in which only one dimension is given, left and right are symmetrical.

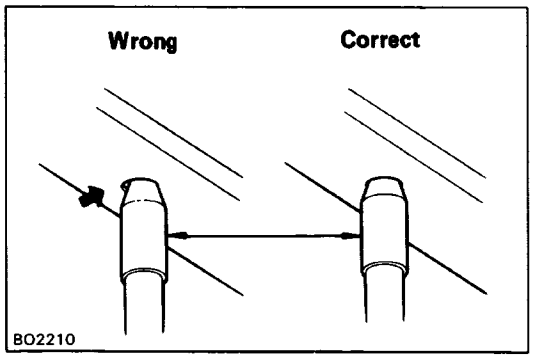
(c) The dimensions in the following drawing indicate actual distance. Therefore, please use the dimensions as a reference.

2. MEASURING

(a) Basically, all measurements are to be done tracking gauge. For portions where it is not possible to use a tracking gauge, a tape measure should be used.

(b) Use only tracking gauge that has no looseness in the body, measuring plate, or pointers.





HINT:

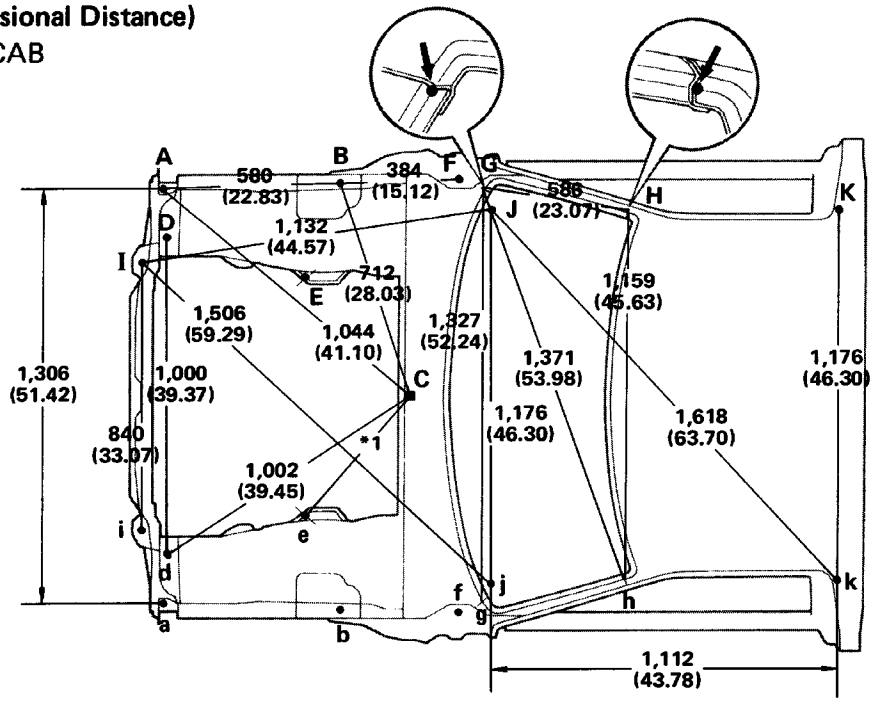
1. The height of the left and right pointers must be equal.
2. Always calibrate the tracking gauge before measuring or after adjusting the pointer height.
3. Take care not to drop the tracking gauge or otherwise shock it.
4. Confirm that the pointers are securely in the holes.

(c) When using a tape measure, avoid twists and bends in the tape.

Body Dimensions

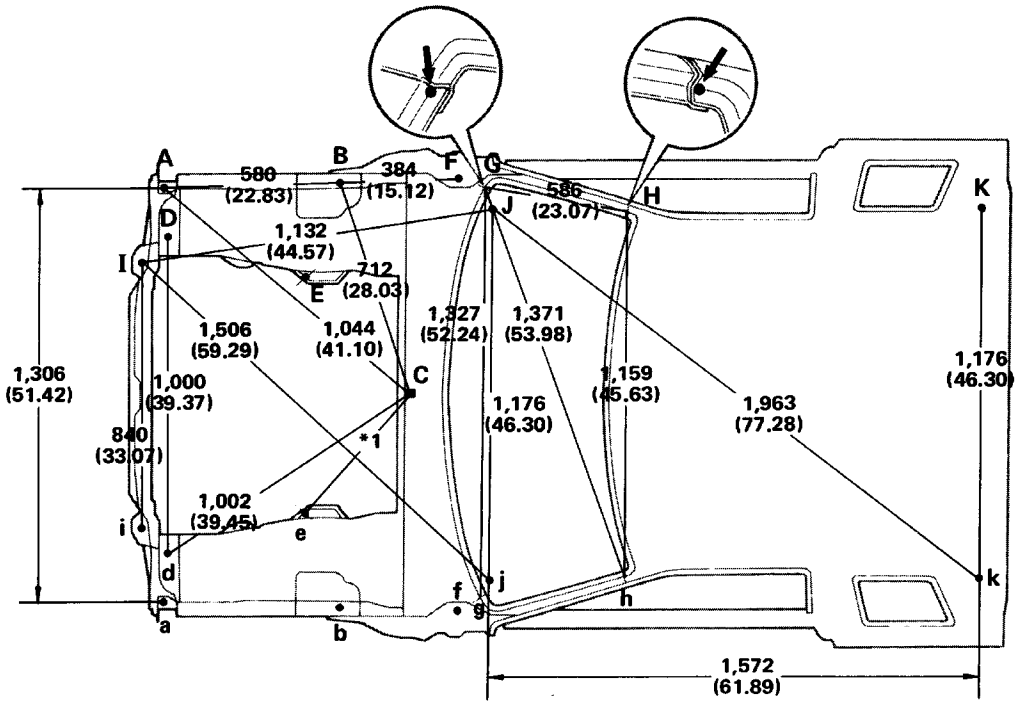
OVERHEAD VIEW
(Three-Dimensional Distance)

REGULAR CAB



*1: 2WD 655 (25.79)
4WD 688 (27.09)

XTRA CAB



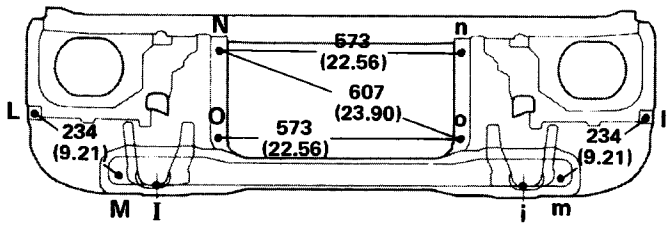
BO3601
BO3602

mm (in.)

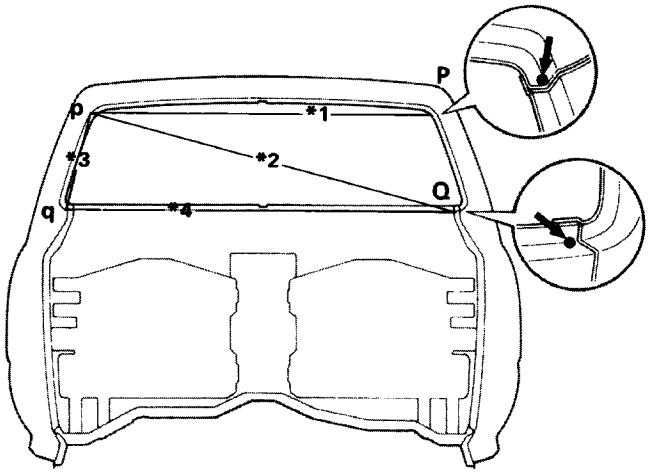
Symbol	Name	Hole dia.
A,a	Front fender installation nut	8 (0.31)
B,b	Front fender installation nut	8 (0.31)
C	Cowl ventilation louver installation nut	7.5 x 7.5 (0.295 x 0.295)
D,d	Fender apron standard hole	25 (0.98)
E,e	Fender apron seal installation hole	8 (0.31)
F,f	Cowl top panel standard hole	10 (0.39)
—	—	—

Symbol	Name	Hole dia.
G,g	Front body pillar/Cowl panel adjoining portion	—
H,h	Roof panel/Front body pillar adjoining portion	—
I,i	Cab mounting hole	RH 11 (0.43) LH 15 x 12 (0.59 x 0.47)
J,j	Cab mounting hole	22 (0.87)
K,k	Cab mounting hole	RH 22 (0.87) LH 23 x 12 (0.91 x 0.47)

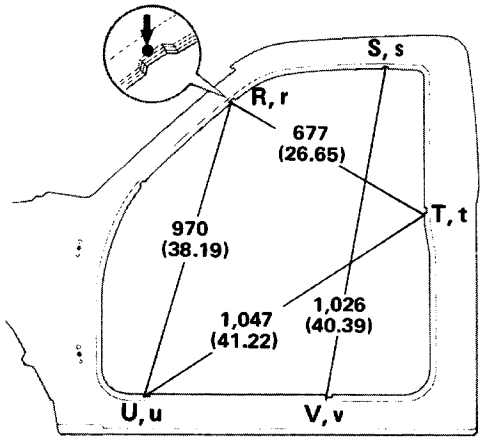
FRONT VIEW
(Three-Dimensional Distance)
ALL MODELS



REAR VIEW
(Three-Dimensional Distance)
ALL MODELS



SIDE VIEW
(Three-Dimensional Distance)
ALL MODELS



*1: Regular Cab 1,110 (43.70)
Xtra Cab 1,104 (43.46)

*2: Regular Cab 1,216 (47.87)
Xtra Cab 1,231 (48.46)

*3: Regular Cab 305 (12.01)
Xtra Cab 346 (13.62)

*4: Regular Cab 1,248 (49.13)
Xtra Cab 1,264 (49.76)

NOTE: For symbol, capital letters indicate right side of vehicle, small letters indicate left side of vehicle.

BO3603
BO3604 BO3605

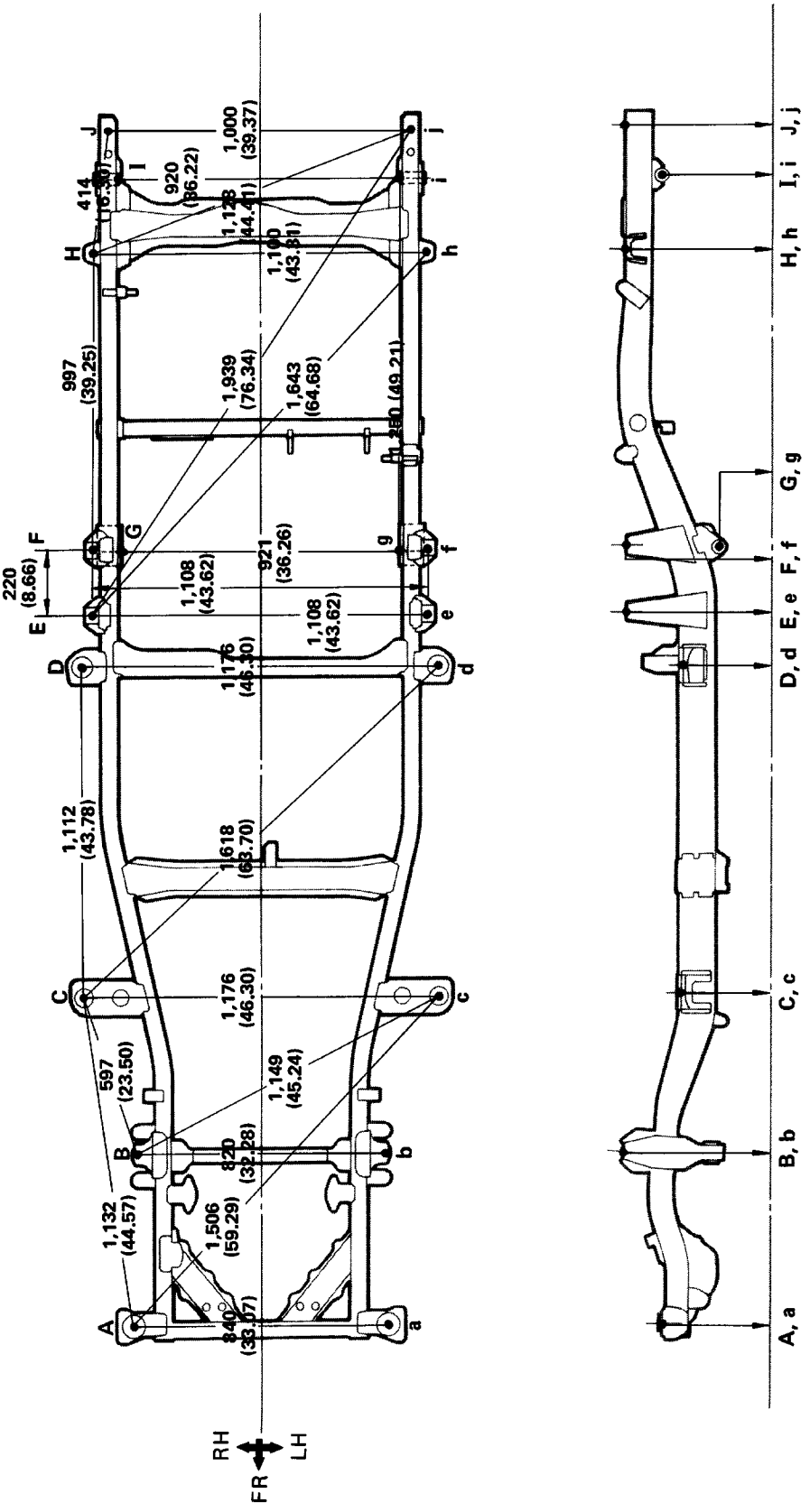
mm (in.)

Symbol	Name	Hole dia.	Symbol	Name	Hole dia.
I,i	Cab mounting hole RH 11 (0.43) LH 15 x 12 (0.59 x 0.47)		Q,q	Back panel/Quarter panel adjoining portion	—
L,l	Front fender installation nut	7 (0.28)	R,r	Front body pillar assembly mark	—
M,m	Front crossmember standard hole	13 (0.51)	S,s	Roof side rail assenbly mark	—
N,n	Radiator installation nut	9 (0.35)	T,t	Quarter panel assembly mark	—
O,o	Radiator installation nut	9 (0.35)	U,u	Rocker panel assembly mark	—
P,p	Roof panel/Quarter panel adjoining portion	—	V,v	Rocker panel assembly mark	—
			—	—	—

Frame Dimensions

2WD Regular Cab: Short Wheel Base Models

(Three-Dimensional Distance)



mm (in.)

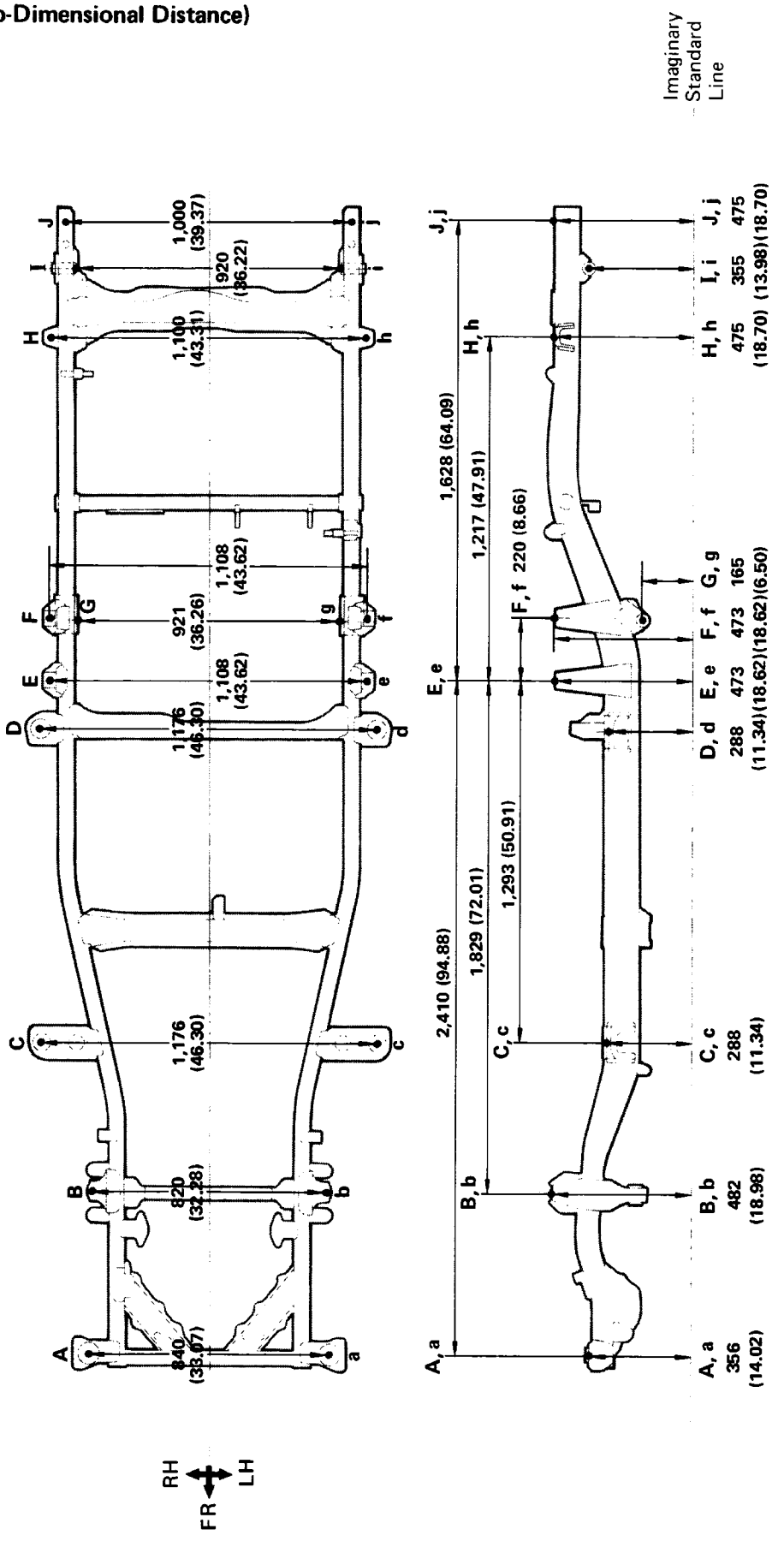
Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
F,f	Rear body mounting hole	17 (0.67)
G,g	Rear spring front hanger hole – inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)

BO3586

2WD Regular Cab: Short Wheel Base Models

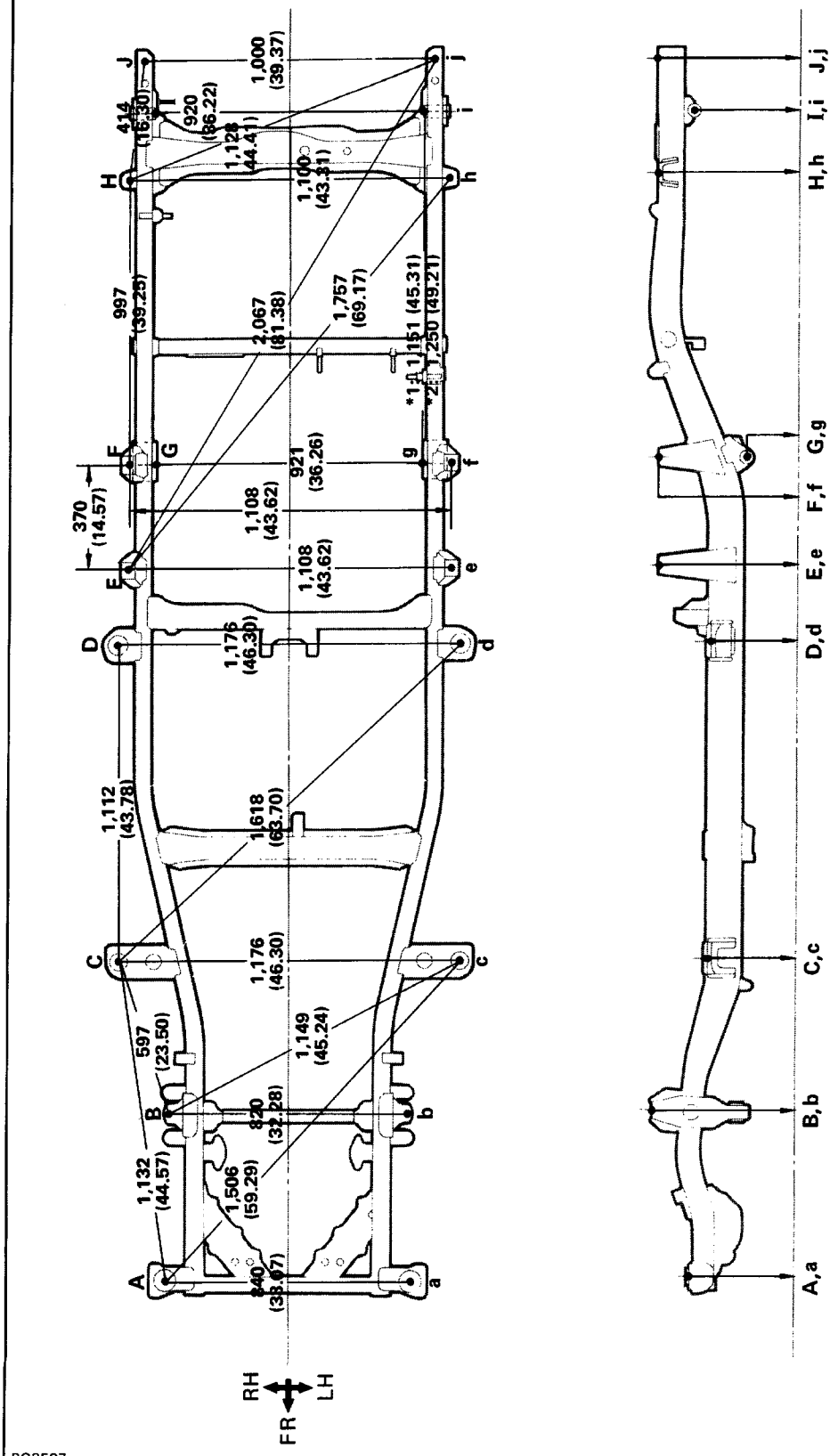
(Two-Dimensional Distance)



Symbol	Name	Hole dia.	Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)	F,f	Rear body mounting hole	17 (0.67)
B,b	Shock absorber installation hole	16 (0.63)	G,g	Rear spring front hanger hole – inner	14.5 (0.571)
C,c	Cab mounting hole	60 (2.36)	H,h	Rear body mounting hole	17 (0.67)
D,d	Cab mounting hole	70 (2.76)	I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
E,e	Rear body mounting hole	17 (0.67)	J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)

2WD Regular Cab: Long Wheel Base Models

(Three-Dimensional Distance)



*1: Loading Capacity 1.0 ton, and Cab and Chassis Models
*2: Loading Capacity 0.5 ton Models

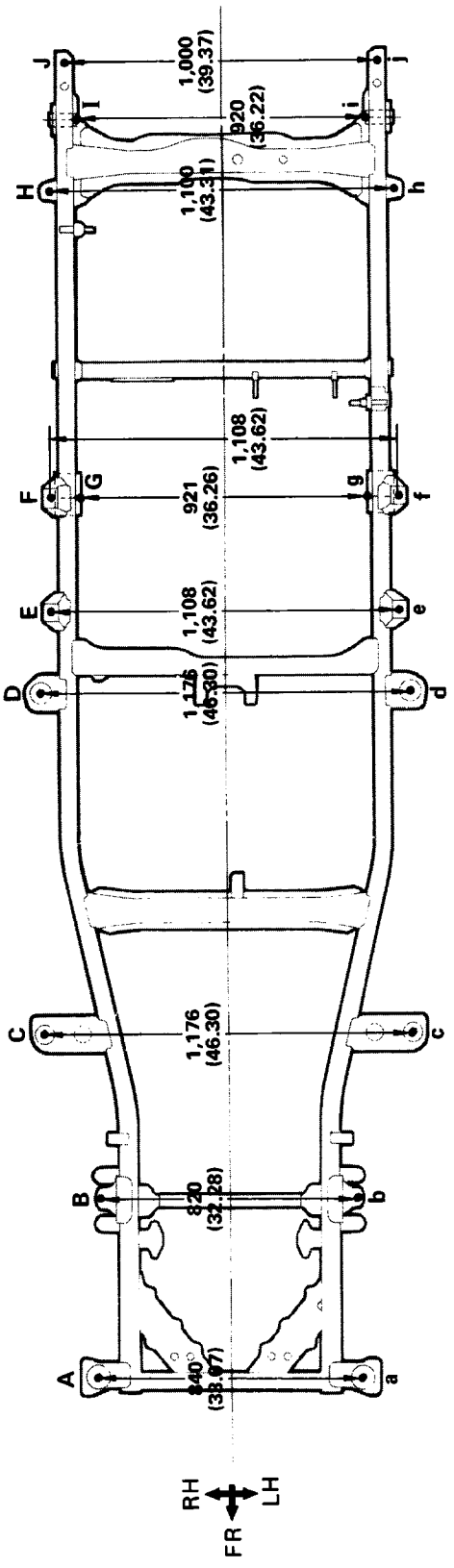
mm (in.)

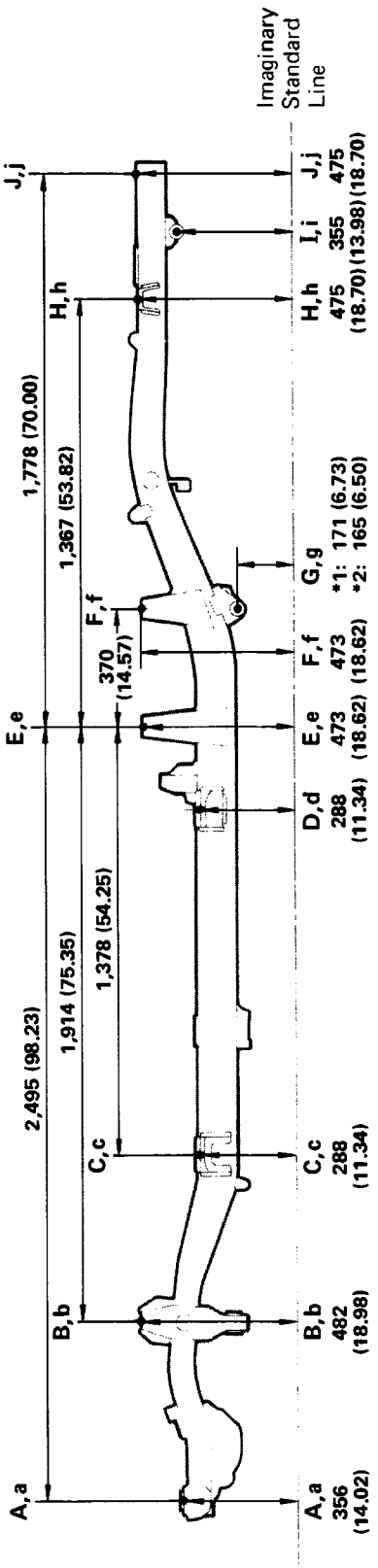
Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear spring front hanger hole – inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
–	–	–

2WD Regular Cab: Long Wheel Base Models

(Two-Dimensional Distance)





*1: Loading Capacity: 1.0 ton, and Cab and Chassis Models
*2: Loading Capacity: 0.5 ton Models

Wheel Base: 2,850 (112.20)

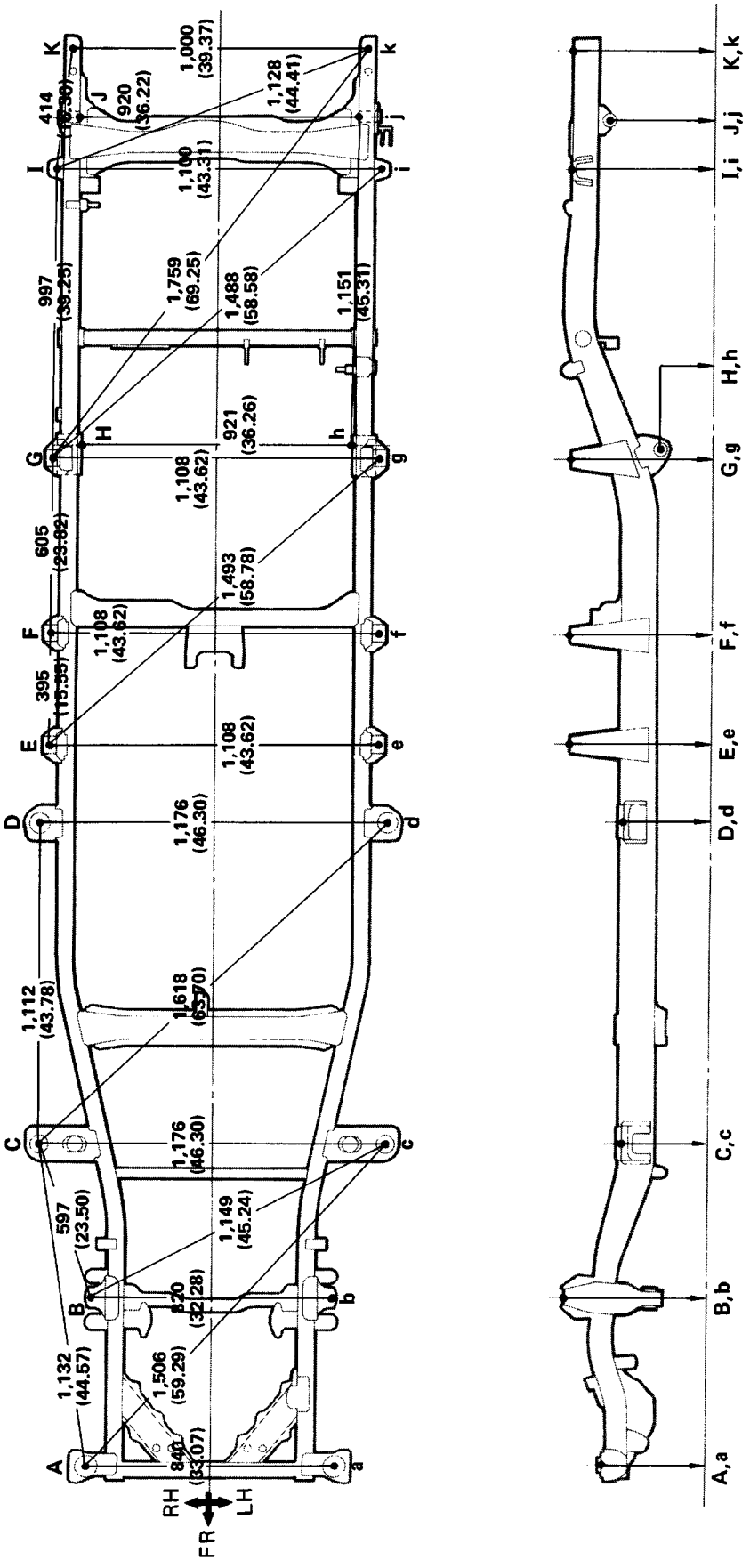
mm (in.)

Symbol	Name	Hole dia.	Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)	G,g	Rear spring front hanger hole – inner	*1 14.6 (0.575) *2 14.5 (0.571)
B,b	Shock absorber installation hole	16 (0.63)			
C,c	Cab mounting hole	60 (2.36)	H,h	Rear body mounting hole	17 (0.67)
D,d	Cab mounting hole	70 (2.76)	I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
E,e	Rear body mounting hole	17 (0.67)	J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
F,f	Rear body mounting hole	17 (0.67)			

BO3587

2WD Regular Cab: Super Long Wheel Base Models

(Three-Dimensional Distance)



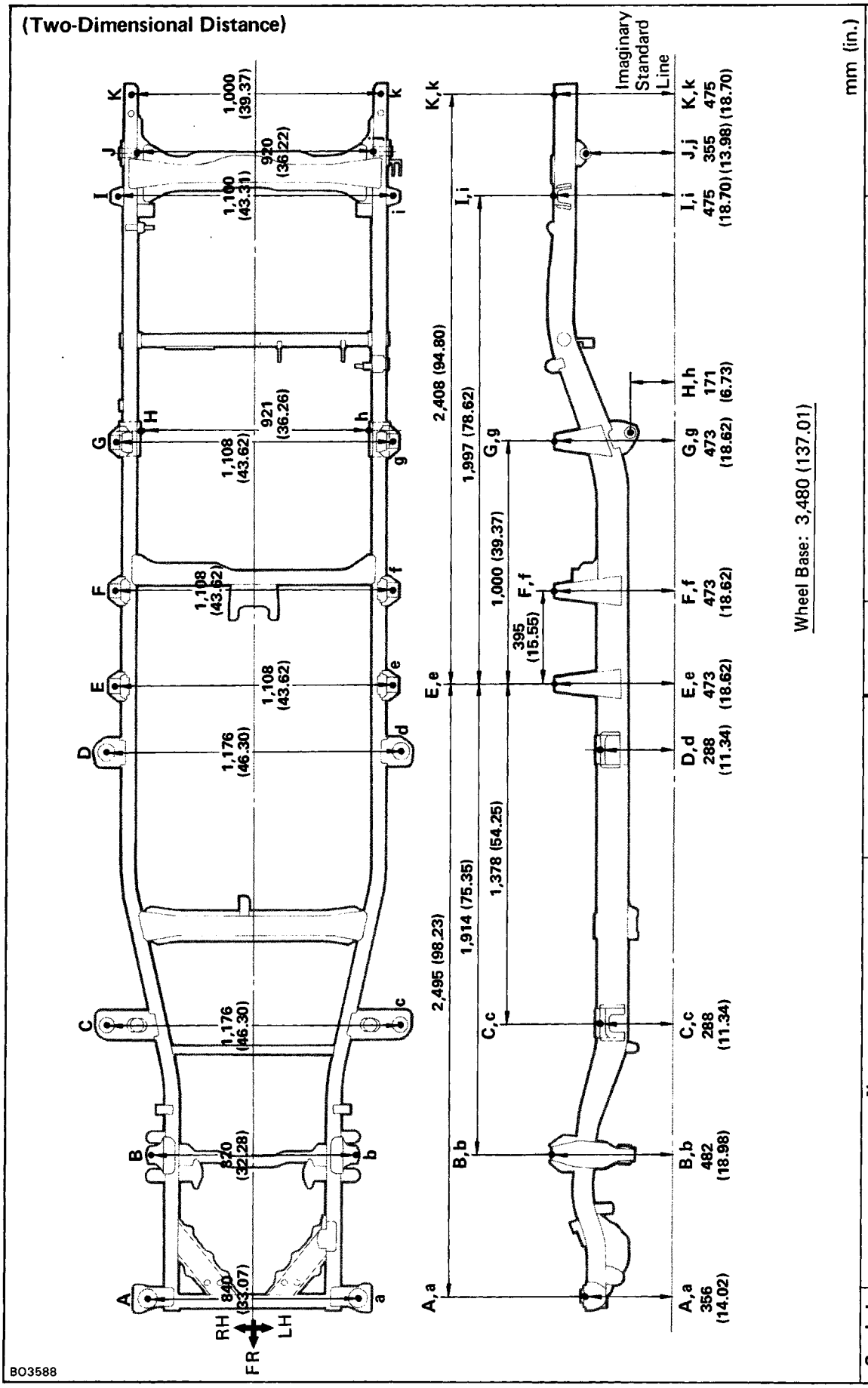
mm (in.)

Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear body mounting hole	17 (0.67)
H,h	Rear spring front hanger hole – inner	14.6 (0.575)
I,i	Rear body mounting hole	17 (0.67)
J,j	Rear spring rear hanger hole – inner	30.35 (1.1949)
K,k	Rear body mounting hole	18 x 21 (0.71 x 0.83)

BO3588

2WD Regular Cab: Super Long Wheel Base Models

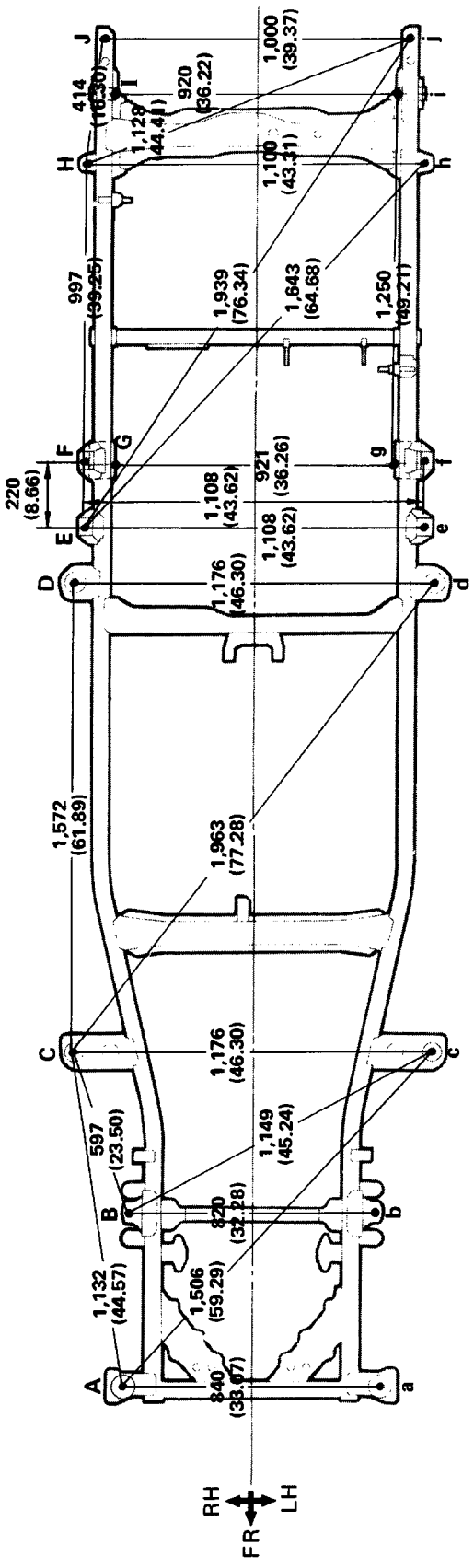


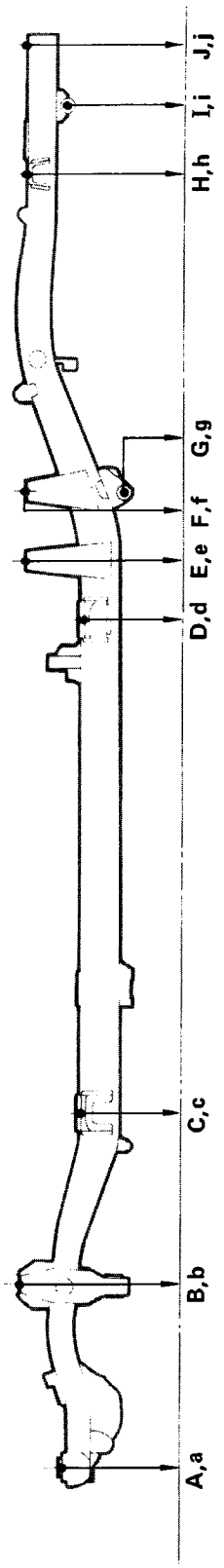
Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear body mounting hole	17 (0.67)
H,h	Rear spring front hanger hole – inner	14.6 (0.575)
I,i	Rear body mounting hole	17 (0.67)
J,j	Rear spring rear hanger hole – inner	30.35 (1.1949)
K,k	Rear body mounting hole	18 x 21 (0.71 x 0.83)

2WD Xtra Cab Models

(Three-Dimensional Distance)





mm (in.)

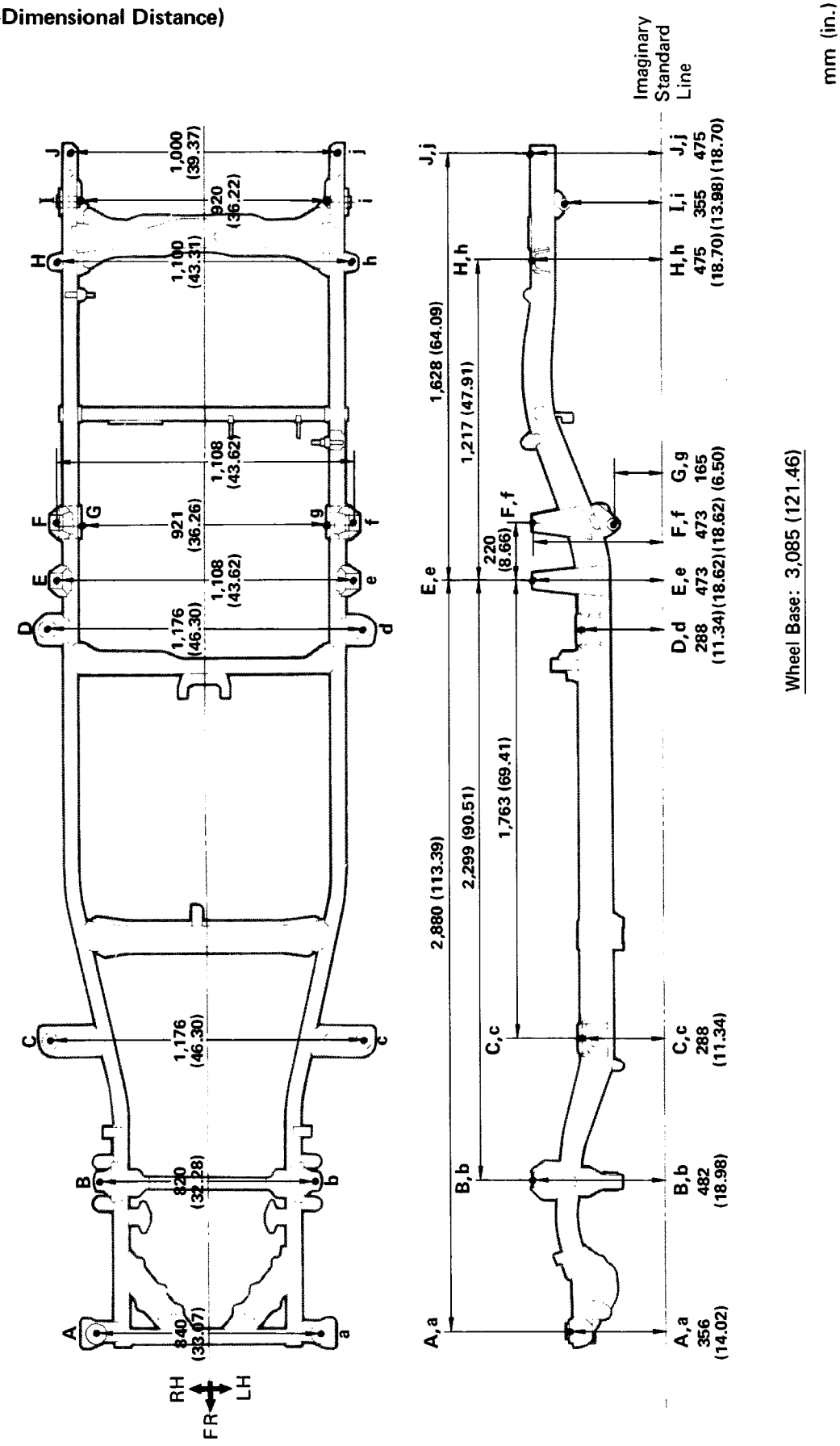
Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear spring front hanger hole – inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
–	–	–

BO3589

2WD Xtra Cab Models

(Two-Dimensional Distance)



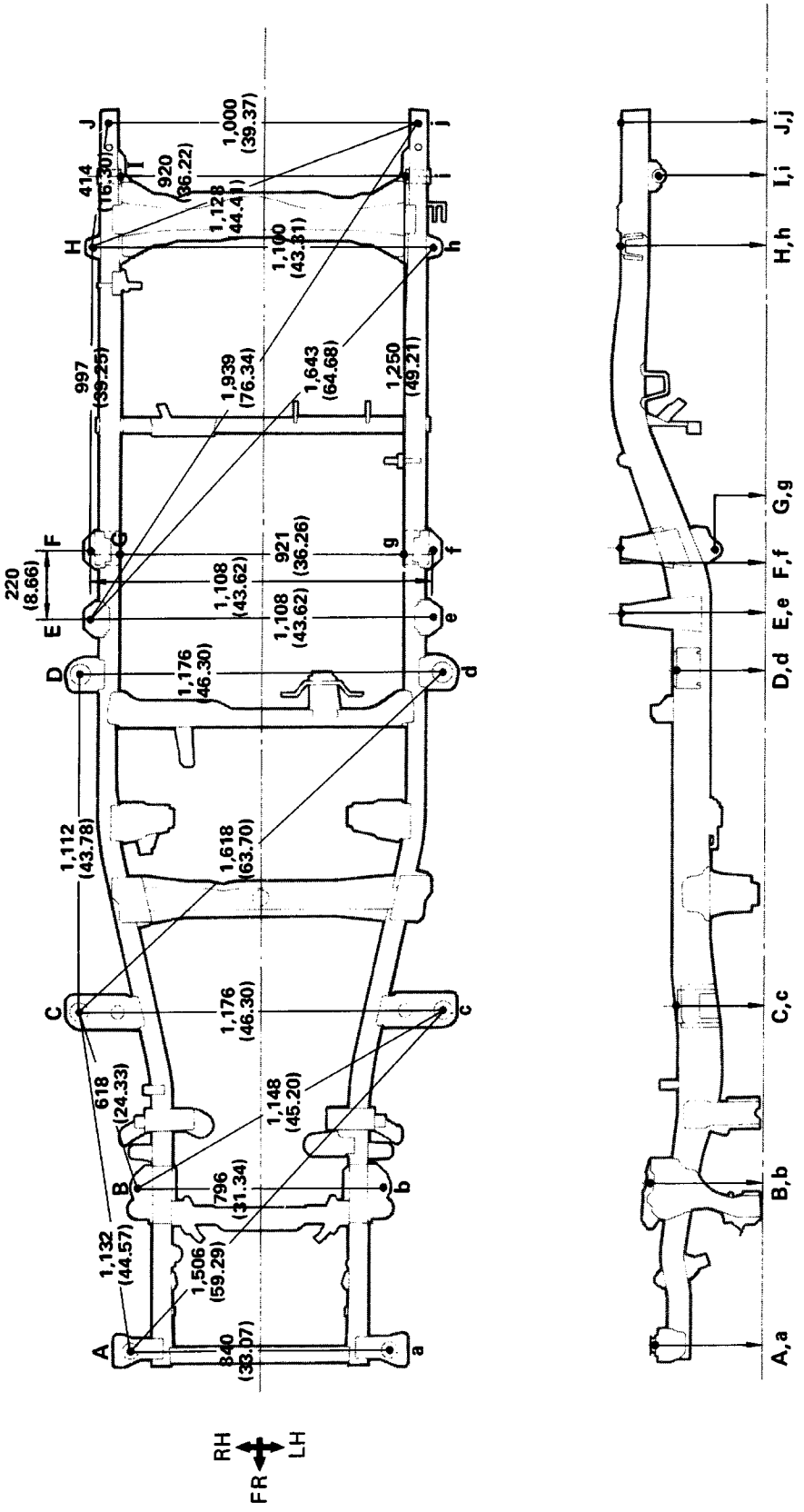
mm (in.)

Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear spring front hanger hole – inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
–	–	–

4WD Regular Cab: Short Wheel Base Models

(Three-Dimensional Distance)



mm (in.)

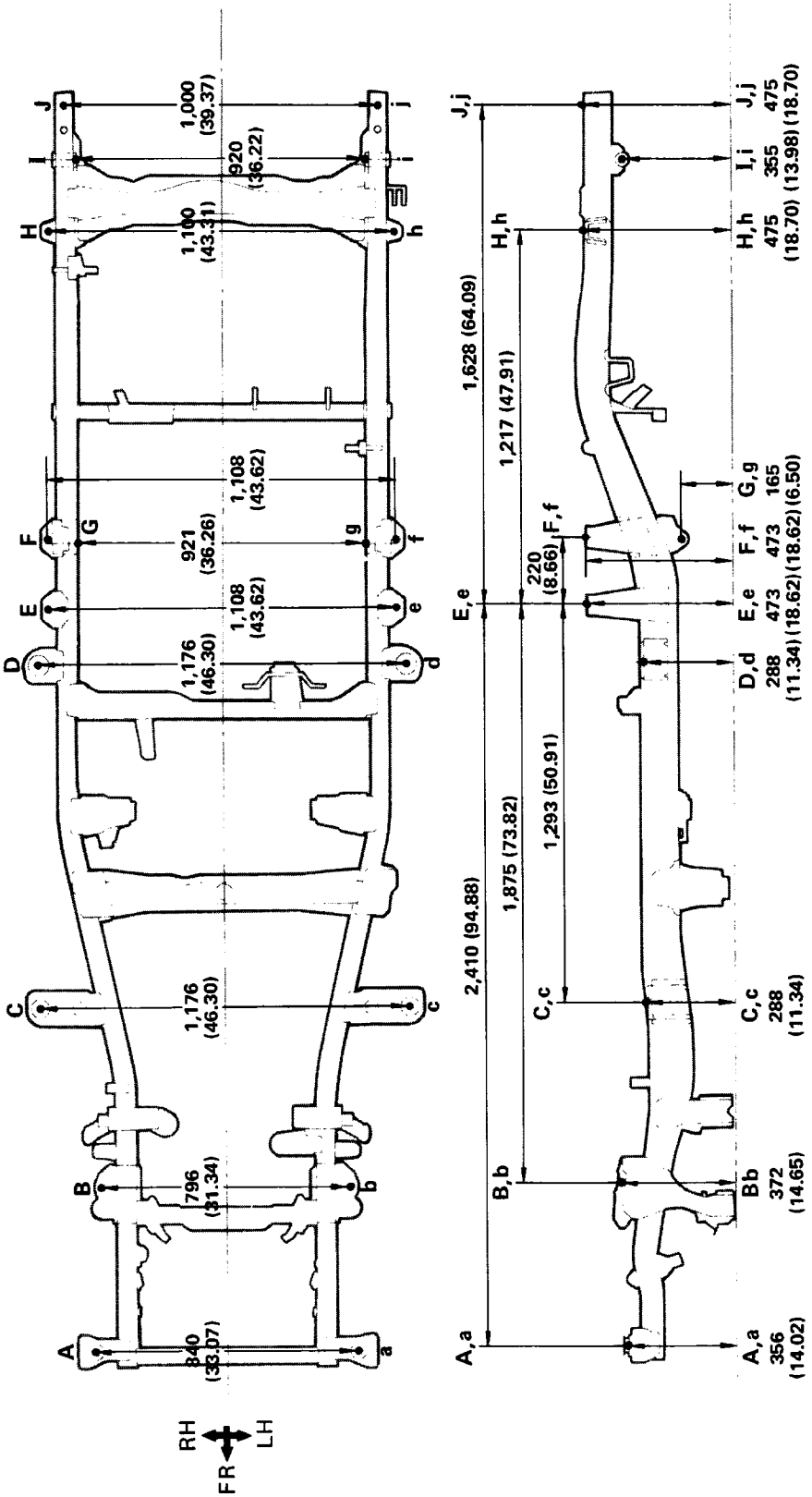
Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear spring front hanger hole — inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole — inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
—	—	—

BO3590

4WD Regular Cab: Short Wheel Base Models

(Two-Dimensional Distance)

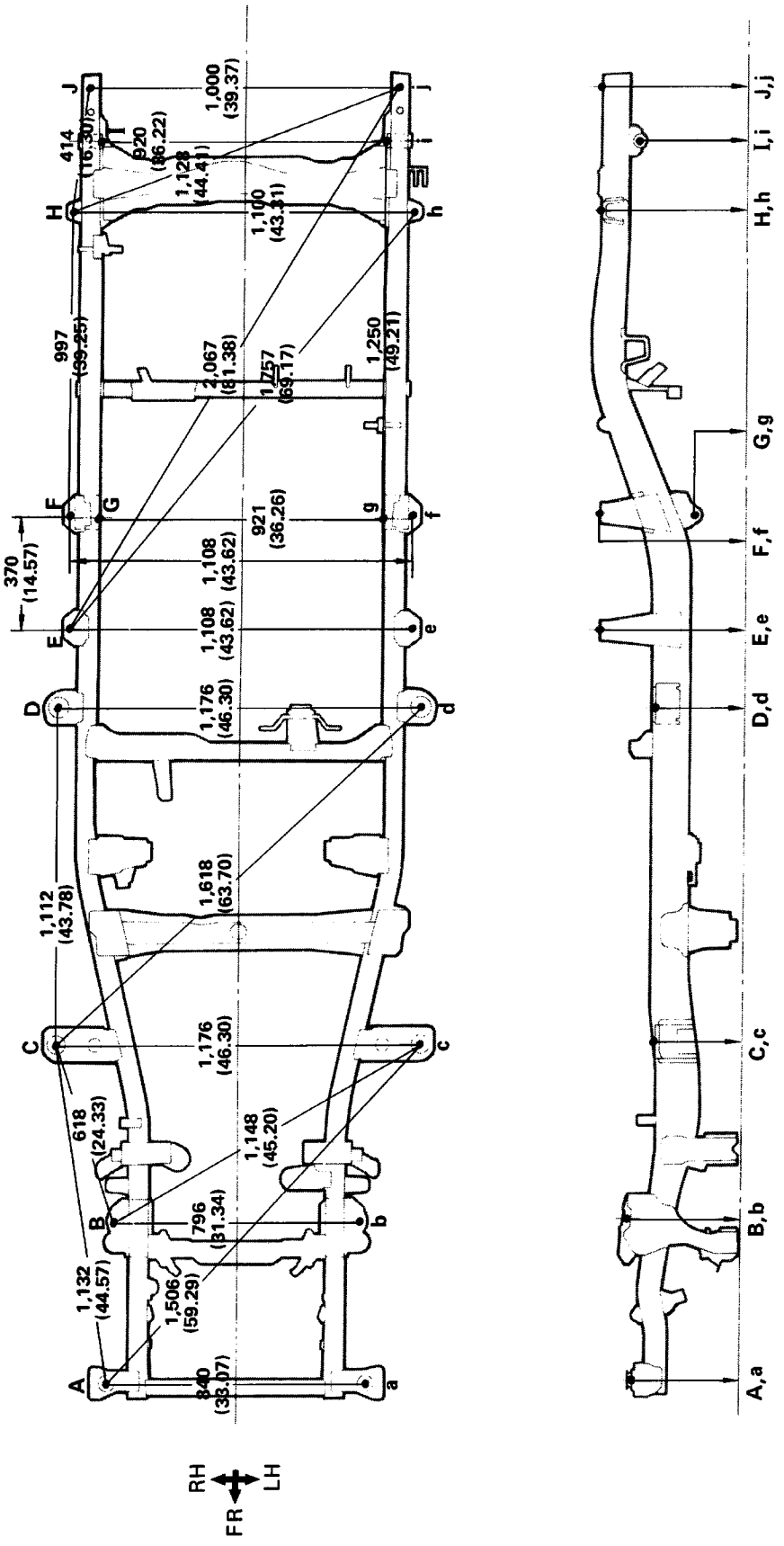


mm (in.)

Symbol	Name	Hole dia.	Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)	G,g	Rear spring front hanger hole – inner	14.5 (0.571)
B,b	Shock absorber installation hole	16 (0.63)	H,h	Rear body mounting hole	17 (0.67)
C,c	Cab mounting hole	60 (2.36)	I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
D,d	Cab mounting hole	70 (2.76)	J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
E,e	Rear body mounting hole	17 (0.67)	–	–	–
F,f	Rear body mounting hole	17 (0.67)			

4WD Regular Cab: Long Wheel Base Models

(Three-Dimensional Distance)



mm (in.)

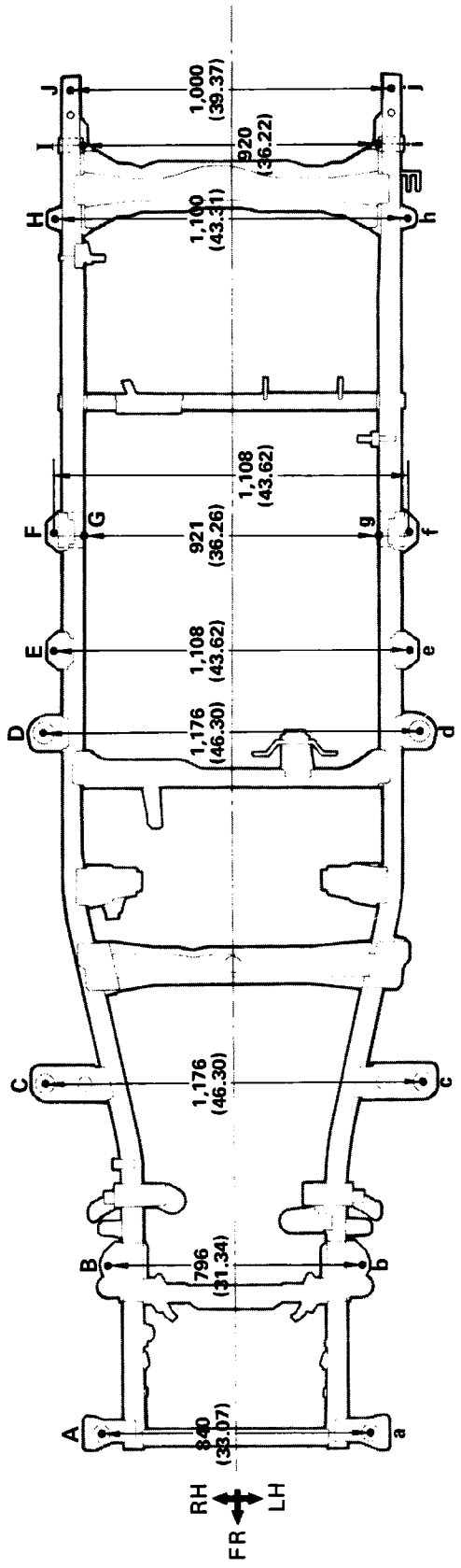
Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

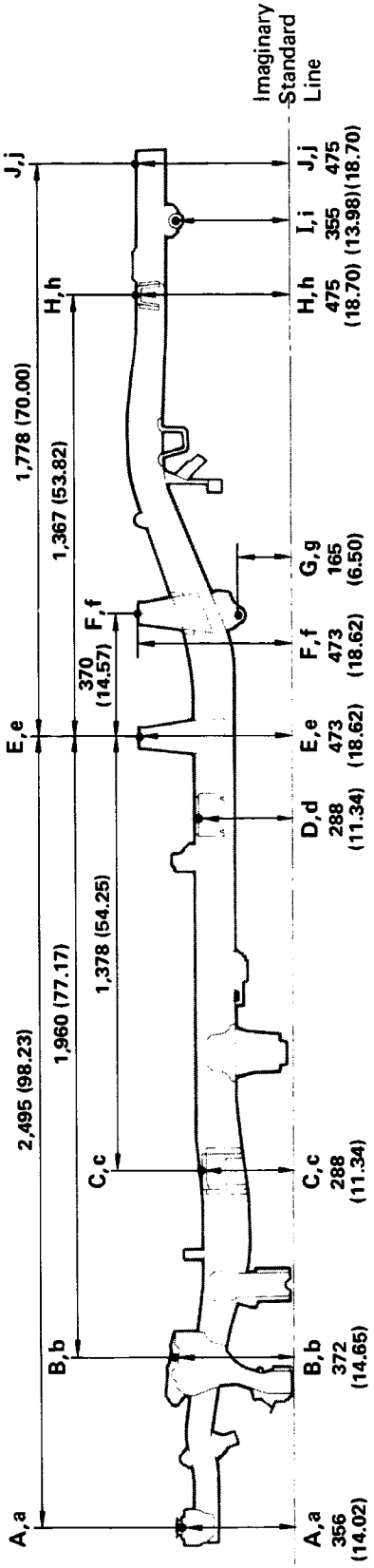
Symbol	Name	Hole dia.
G,g	Rear spring front hanger hole — inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole — inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
—	—	—

BO3591

4WD Regular Cab: Long Wheel Base Models

(Two-Dimensional Distance)





mm (in.)

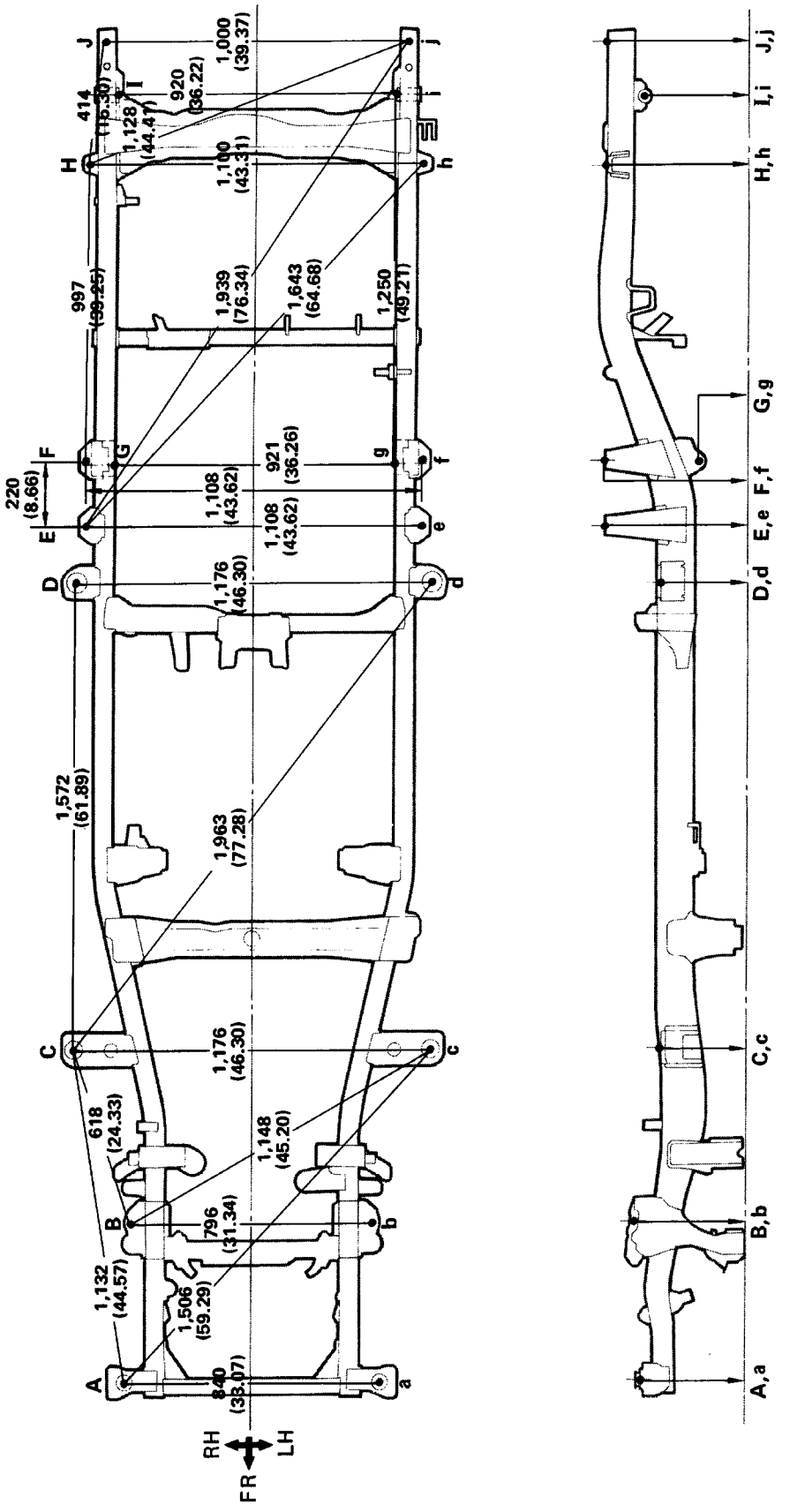
Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear spring front hanger hole – inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
–	–	–

BO3591

4WD Xtra Cab Models

(Three-Dimensional Distance)



BO3592

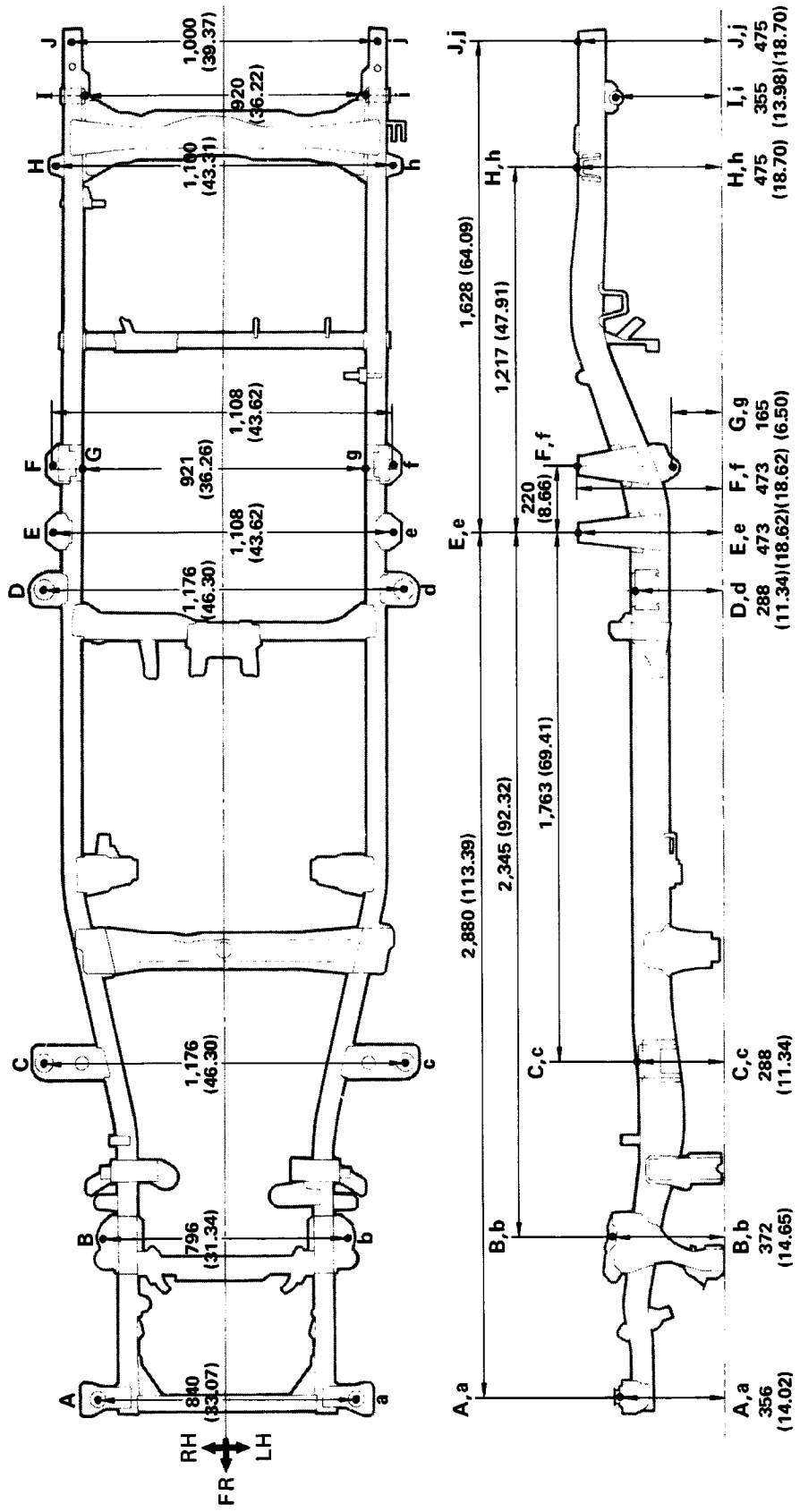
mm (in.)

Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)
B,b	Shock absorber installation hole	16 (0.63)
C,c	Cab mounting hole	60 (2.36)
D,d	Cab mounting hole	70 (2.76)
E,e	Rear body mounting hole	17 (0.67)
F,f	Rear body mounting hole	17 (0.67)

Symbol	Name	Hole dia.
G,g	Rear spring front hanger hole — inner	14.5 (0.571)
H,h	Rear body mounting hole	17 (0.67)
I,i	Rear spring rear hanger hole — inner	30.35 (1.1949)
J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
—	—	—

4WD Xtra Cab Models

(Two-Dimensional Distance)



Wheel Base: 3,095 (121.85)

mm (in.)

Symbol	Name	Hole dia.	Symbol	Name	Hole dia.
A,a	Cab mounting hole	24 (0.94)	G,g	Rear spring front hanger hole – inner	14.5 (0.571)
B,b	Shock absorber installation hole	16 (0.63)	H,h	Rear body mounting hole	17 (0.67)
C,c	Cab mounting hole	60 (2.36)	I,i	Rear spring rear hanger hole – inner	30.35 (1.1949)
D,d	Cab mounting hole	70 (2.76)	J,j	Rear body mounting hole	18 x 21 (0.71 x 0.83)
E,e	Rear body mounting hole	17 (0.67)			
F,f	Rear body mounting hole	17 (0.67)	–	–	–