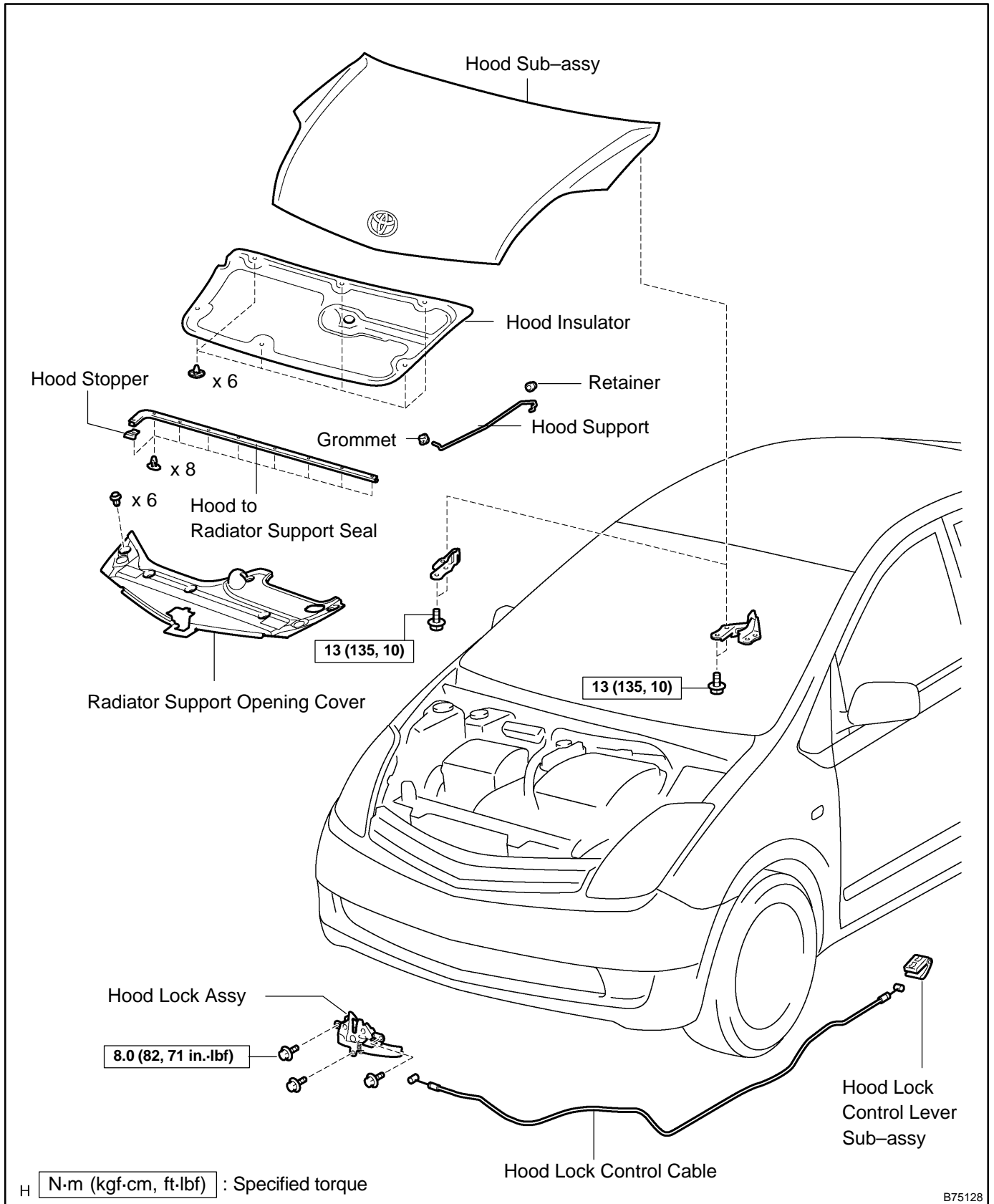


HOOD COMPONENTS

750UU-01

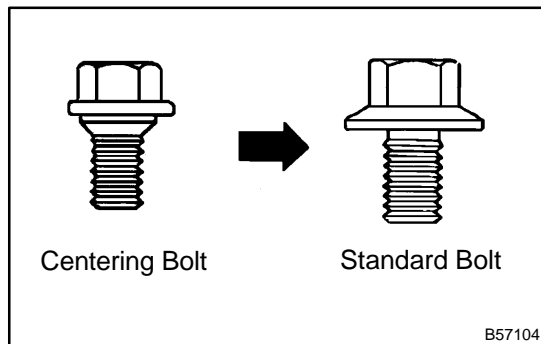


B75128

ADJUSTMENT

HINT:

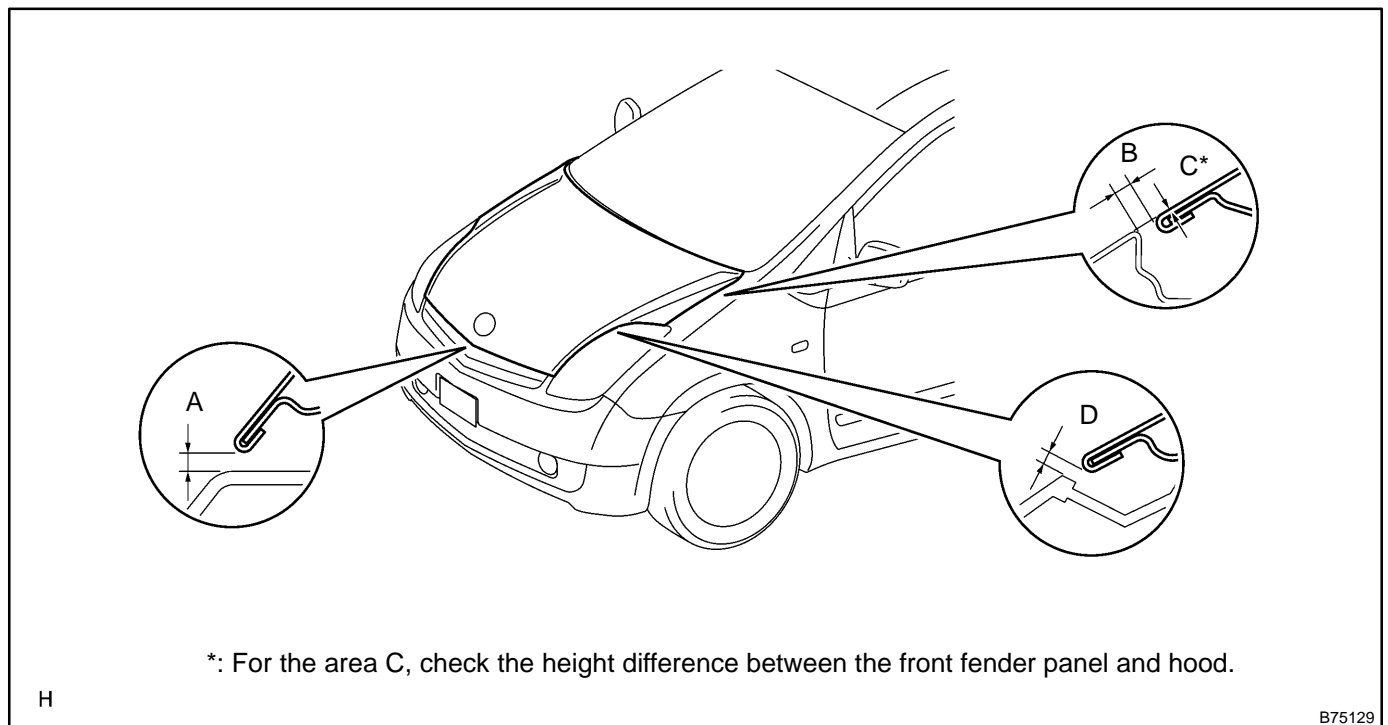
- ★ Use the same procedure for the RH side and LH side.
- ★ The procedures listed below are for the LH side.



- ★ Centering bolts are used to mount the hood hinge and hood lock. The hood and hood lock cannot be adjusted with the centering bolts on. Substitute the centering bolts with standard bolts (w/ washers) when making adjustments.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

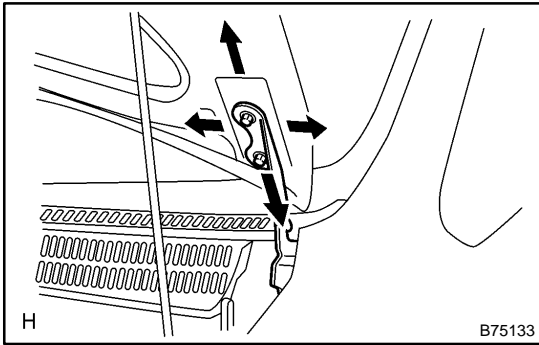
1. INSPECT HOOD SUB-ASSY

- (a) Check that the clearance is within the standard range.



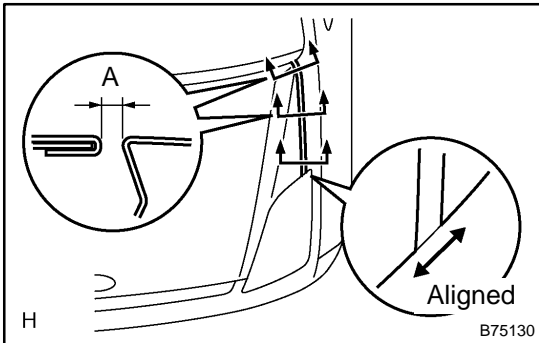
Standard:

Area	Measurement	Area	Measurement
A	4.3 ± 1.5 mm (0.169 ± 0.059 in.)	C	0.0 ± 1.5 mm (0.000 ± 0.059 in.)
B	3.7 ± 1.5 mm (0.146 ± 0.059 in.)	D	3.3 ± 1.5 mm (0.130 ± 0.059 in.)



2. ADJUST HOOD SUB-ASSY

- (a) Horizontally adjust the hood.
 - (1) Loosen the 4 hinge bolts on the hood side.

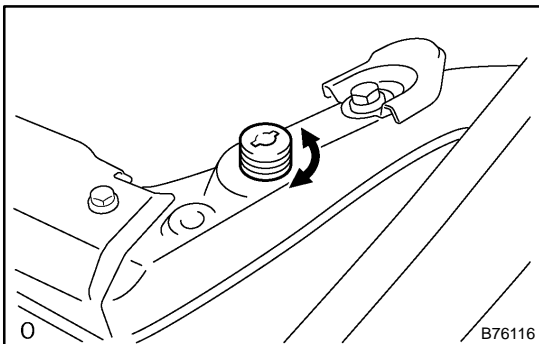


- (2) Adjust the clearance by moving the hood so that it is in the standard range.

Standard (A): 3.7 ± 1.5 mm (0.146 ± 0.059 in.)

- (3) Tighten the hood's hinge bolts after the adjustment.

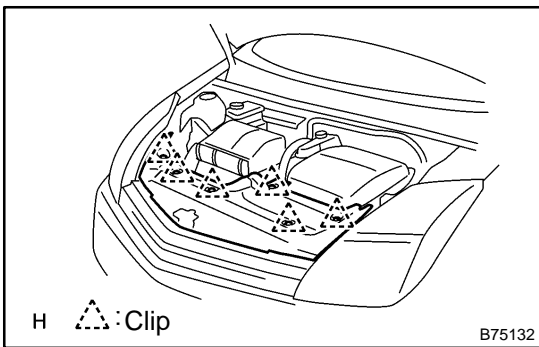
Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)



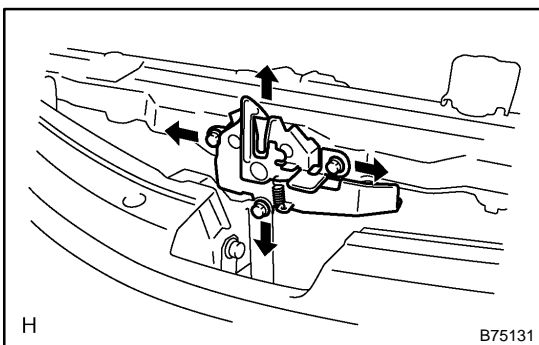
- (b) Adjust the height of the front end of the hood the cushion rubber.
 - (1) Adjust the cushion rubber so that the hood and the fender is aligned.

HINT:

Raise or lower the cushion rubber by turning it.



- (c) Adjust the hood lock.
 - (1) Remove the 6 clips and radiator support opening cover.



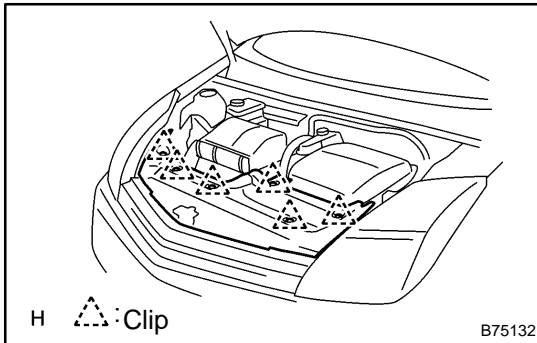
- (2) Loosen the 3 bolts.
- (3) Adjust the hood lock position so that the striker can enter it smoothly.
- (4) Tighten the bolts and nut after the adjustment.

Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

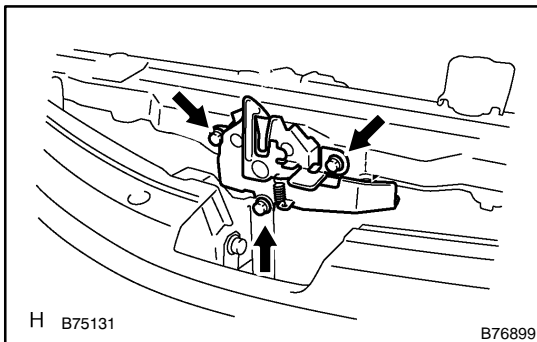
OVERHAUL

HINT:

- ★ The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).



- 1. REMOVE RADIATOR SUPPORT OPENING COVER**
 - (a) Remove the 6 clips and radiator support opening cover.



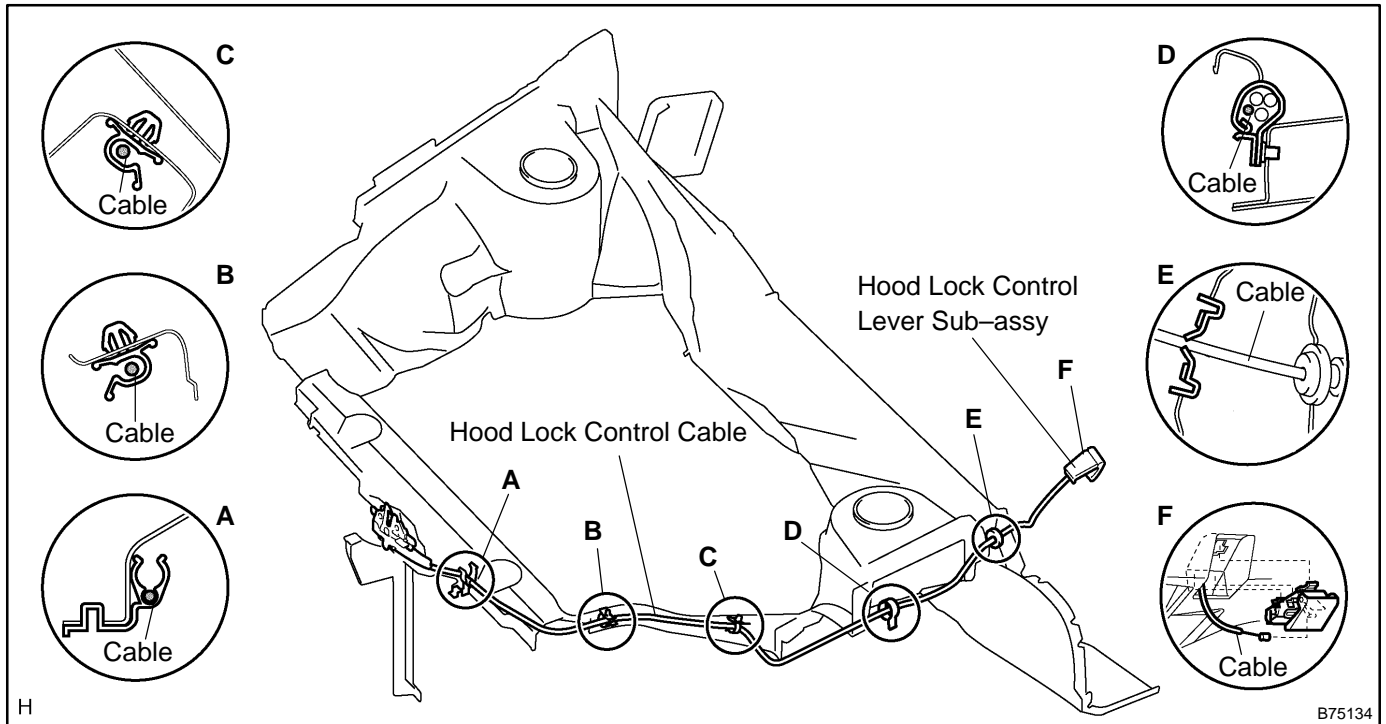
- 2. REMOVE HOOD LOCK ASSY**
 - (a) Remove the 3 bolts and hood lock.
 - (b) Remove the lock control cable.
- 3. REMOVE HOOD SUPPORT ROD**
 - (a) Remove the rod.
 - (b) Using a clip remover, remove the holder and retainer.
- 4. REMOVE HOOD INSULATOR**
 - (a) Using a clip remover remove the 6 clips and insulator.

5. REMOVE HOOD LOCK CONTROL CABLE ASSY

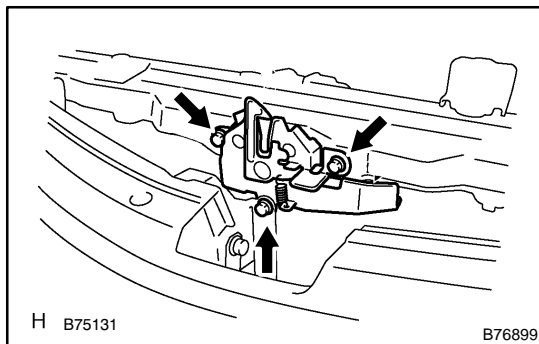
- Remove the front bumper cover (see page 76-2).
- Remove the front fender liner (see page 76-2).
- Using the screwdriver, disconnect the cable clamps as shown in the illustration.

HINT:

Tape the screwdriver tip before use.



- Disconnect the cable.

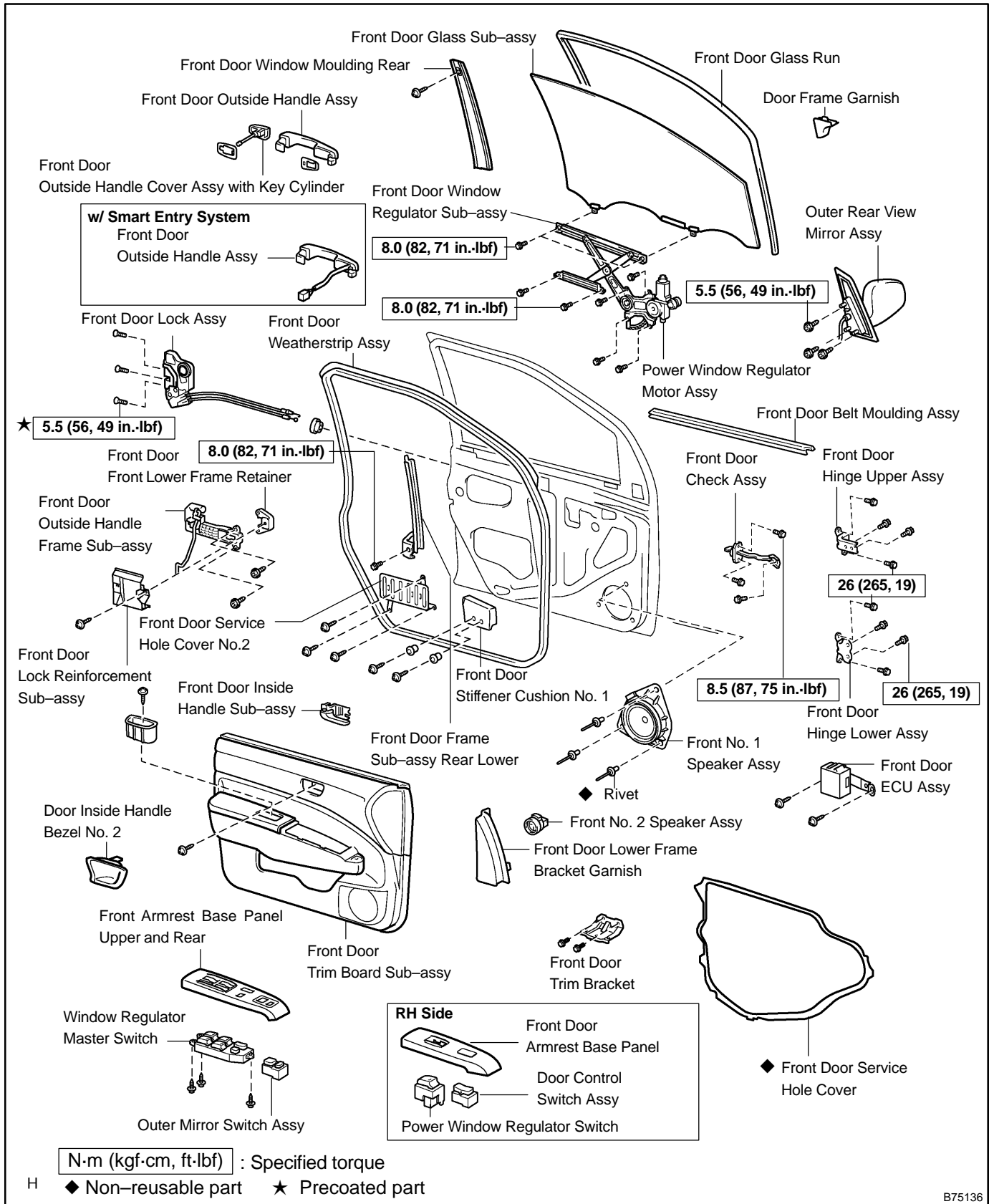


6. INSTALL HOOD LOCK ASSY

- Connect the hood lock control cable.
- Install the lock with the 3 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
- Adjust the hood lock (see page 75-2).

FRONT DOOR COMPONENTS

750UX-01

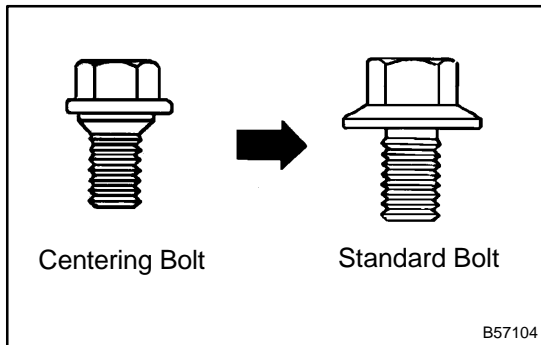


B75136

ADJUSTMENT

HINT:

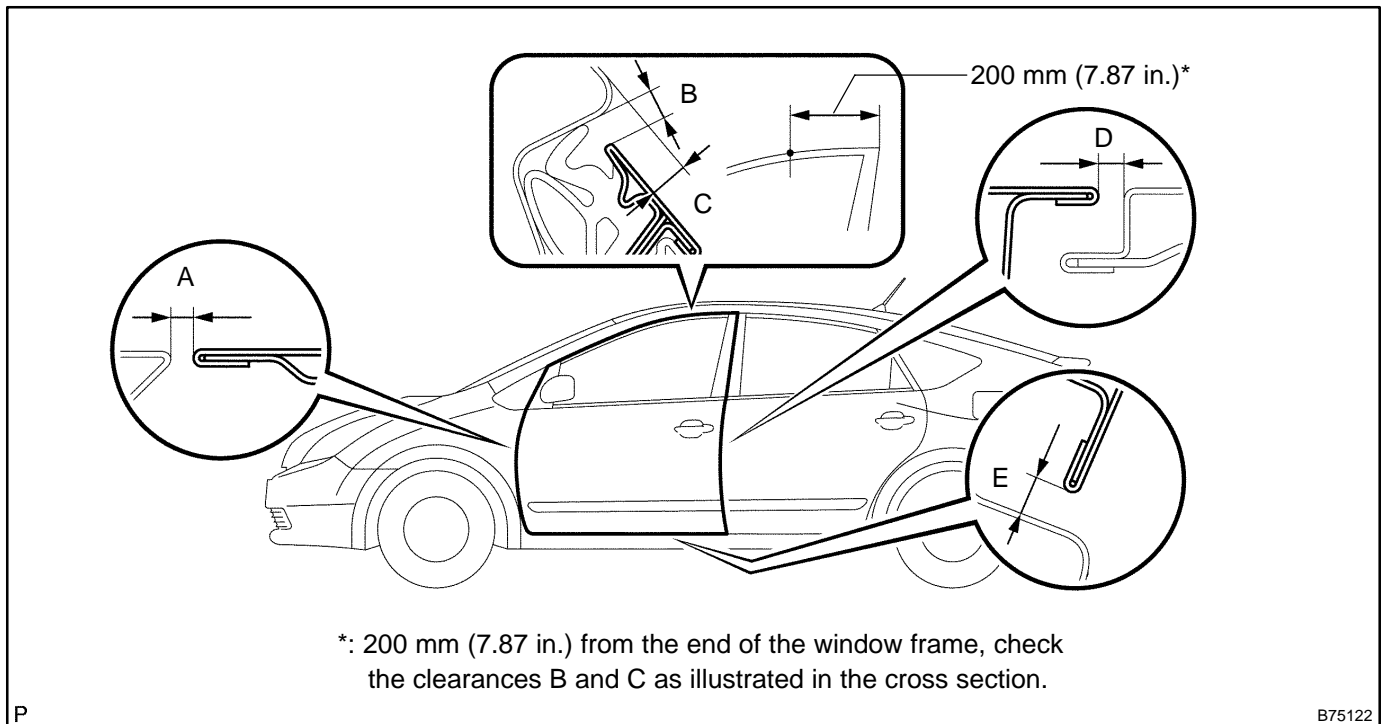
- ★ Before adjusting the door position for vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the battery. After adjustment, inspect the SRS warning lamp, the side airbag system and the curtain shield airbag system for normal operation (see page 05-1397). Then initialize both systems (see page 01-28).
- ★ Use the same procedure for the RH side and LH side.
- ★ The procedures listed below are for the LH side.



- ★ Centering bolts are used to mount the door hinge to the vehicle body and door. The door cannot be adjusted with the centering bolts on. Substitute the centering bolts with standard bolts (w/ washers) when making adjustments.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

1. INSPECT FRONT DOOR SUB-ASSY

(a) Check that the clearance is within the standard range.



Standard:

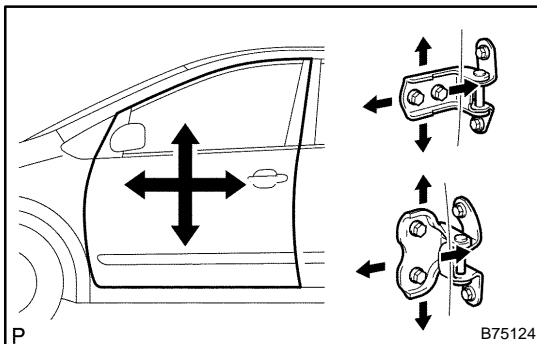
Area	Measurement	Area	Measurement
A	4.0 ± 1.5 mm (0.157 ± 0.059 in.)	D	4.0 ± 1.5 mm (0.157 ± 0.154 in.)
B	5.1 ± 1.5 mm (0.201 ± 0.059 in.)	E	5.7 ± 1.5 mm (0.224 ± 0.220 in.)
C	6.3 ± 1.5 mm (0.248 ± 0.059 in.)	-	-

2. ADJUST FRONT DOOR SUB-ASSY

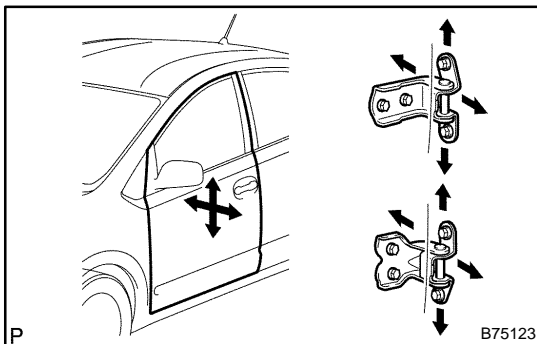
- (a) Disconnected the negative (-) terminal cable from the battery.

CAUTION:

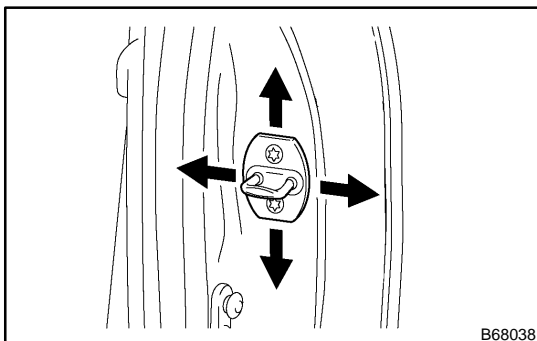
Work must be started at least 90 seconds after the power switch's power mode is change to OFF and the negative (-) terminal cable is disconnected from the battery. (The SRS is equipped with a back-up power source. If work is started within 90 seconds of disconnecting the negative (-) terminal battery and power switch's power mode is change to OFF, the SRS may deploy.)



- (b) Using SST, adjust the door horizontally and vertically by loosening the body side hinge bolts.
SST 09812-00010, 09812-00020
- (c) Tighten the body side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)



- (d) Horizontally and vertically adjust the door by loosening the door side hinge bolts.
- (e) Tighten the door side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

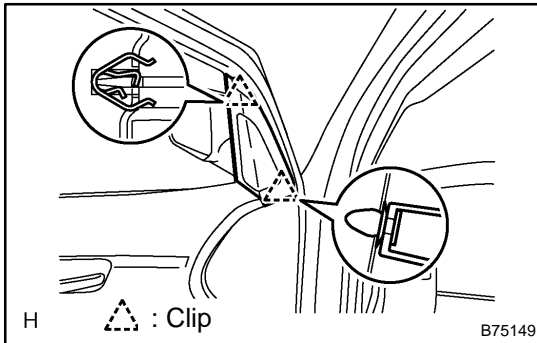


- (f) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (g) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)
- (h) Connect the negative (-) terminal cable to the battery.
- (i) Initialize both systems (see page 01-28).
- (j) Check the SRS warning lamp (see page 05-1397).

OVERHAUL

HINT:

- ★ The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- ★ Use the same procedures for the RH side and LH side.
- ★ The procedures listed below are for the LH side.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

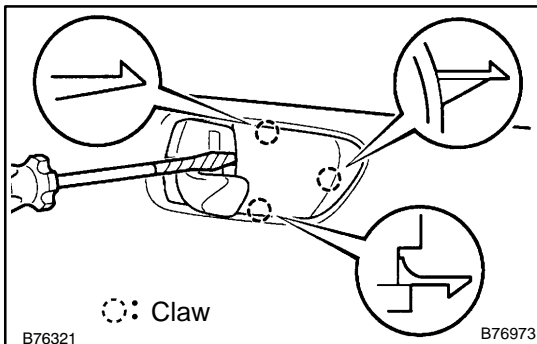


1. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH

- (a) Using a screwdriver, disengage the 2 clips and remove the garnish.

HINT:

Tape the screwdriver tip before use.

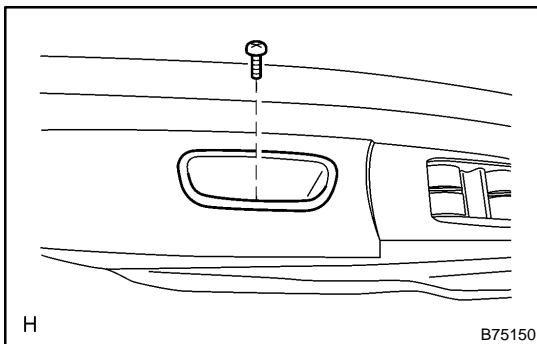


2. REMOVE FRONT DOOR INSIDE HANDLE BEZEL

- (a) Using a screwdriver, disengage the 3 claws and remove the plug.

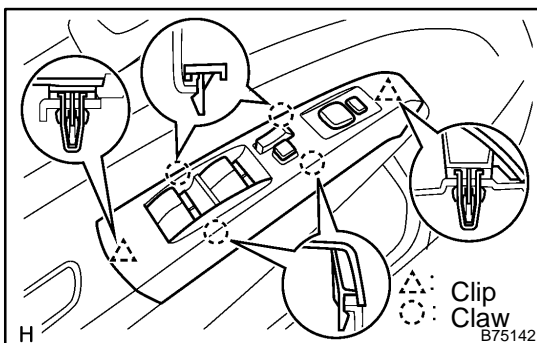
HINT:

Tape the screwdriver tip before use.



3. REMOVE DOOR PULL HANDLE

- (a) Remove the screw and pull handle.



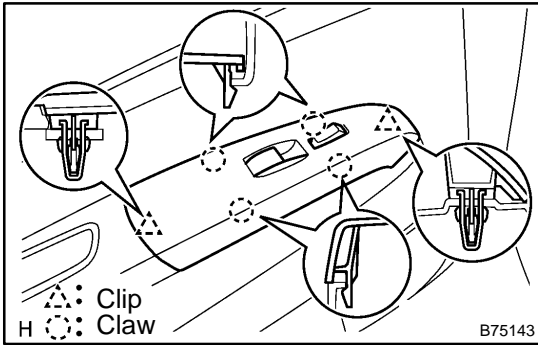
4. REMOVE FRONT ARMREST BASE PANEL UPPER

- (a) Driver's side:
Using a screwdriver, disengage the 2 clips and 4 claws, and remove the armrest base panel together with the window regulator master switch.

HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the switch connector.
(c) Remove the 3 screws and the window regulator master switch from the armrest base panel upper.



- (d) Passenger's side:
Using a screwdriver, disengage the 2 clips and 4 claws, and remove the armrest base panel together with the 2 switches.

HINT:

Tape the screwdriver tip before use.

- (e) Disconnect the switch connector.
(f) Using a screwdriver, disengage the 2 claws and remove the door control switch.

HINT:

Tape the screwdriver tip before use.

- (g) Using a screwdriver, disengage the 2 claws and remove the power window regulator switch.

HINT:

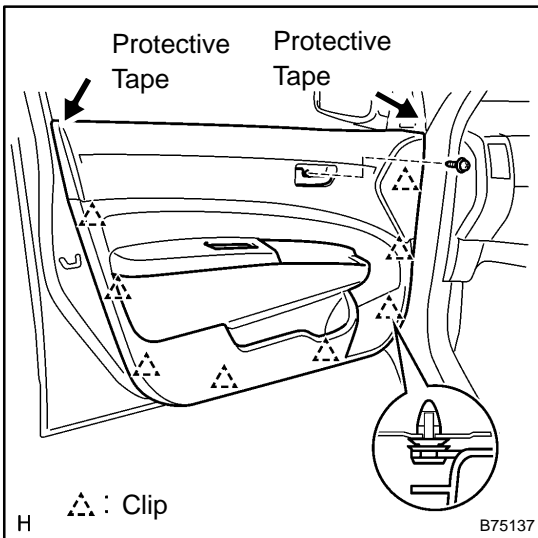
Tape the screwdriver tip before use.

5. REMOVE FRONT DOOR TRIM BOARD SUB-ASSY

- (a) Remove the screw.
(b) Using a screwdriver, disengage the 7 clips and remove the trim board.

HINT:

- ★ Tape the screwdriver tip before use.
- ★ In order to prevent the door panel from being damaged, use protective tape to cover the areas indicated by the arrow marks in the illustration.
- ★ If the clip cannot be reached with the clip remover, pull on the lower trim to remove it.



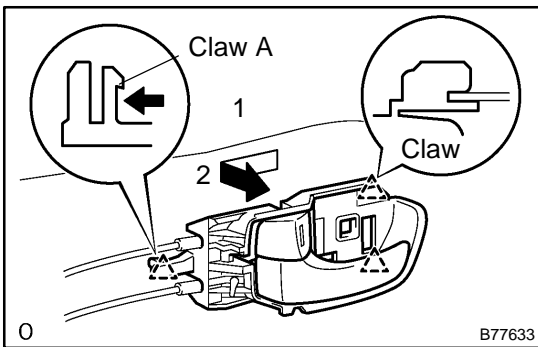
6. REMOVE FRONT DOOR INSIDE HANDLE SUB-ASSY

- (a) Using a screwdriver, disengage claw A as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

- (b) Move the inside handle in the direction indicated by the arrow mark in the illustration. This will release the claw and allow removal of the inside handle.
(c) Disconnect the 2 cables from the inside handle.

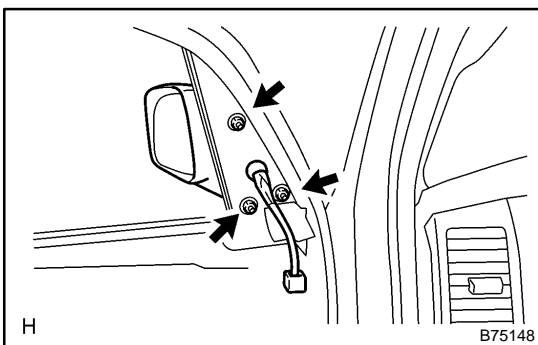


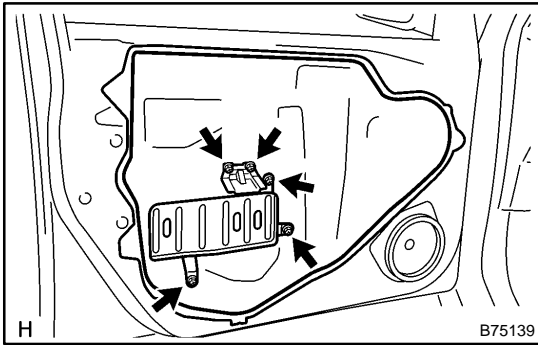
7. REMOVE OUTER REAR VIEW MIRROR ASSY

- (a) Disconnect the mirror connector.
(b) Remove the 3 nuts and mirror.

NOTICE:

Be careful when removing the nuts as the mirror may fall and become damaged.



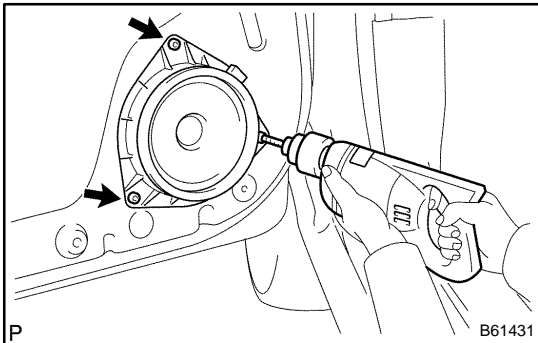
**8. REMOVE FRONT DOOR SERVICE HOLE COVER**

- (a) Remove the 3 screws and trim bracket.
- (b) Remove the service hole cover.

NOTICE:

Remove the remaining tape on the door side.

- (c) Remove the 2 screws and service hole cover No. 2.

**9. REMOVE FRONT NO.1 SPEAKER ASSY (See page 67-8)**

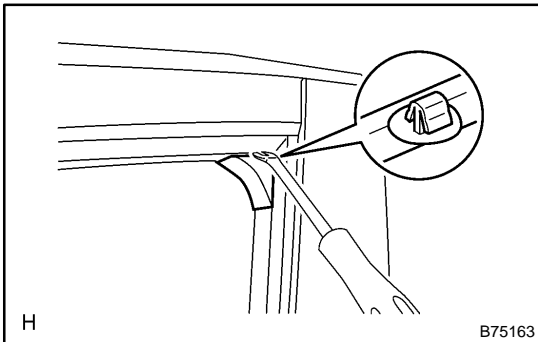
- (a) Using a drill of less than \varnothing 4 mm (0.16 in.), drill out the 3 rivet heads and remove the speaker.

NOTICE:

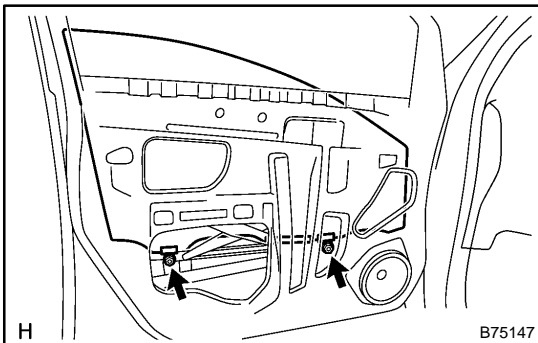
★ **Be sure to gently place the drill perpendicularly to the rivet, otherwise the rivet hole and the drill itself will be damaged.**

★ **Be careful with the cut rivet, because it is hot.**

- (b) Even if the flange is taken off, continue drilling and push out the remaining fragments using the drill.
- (c) Using a vacuum cleaner, remove the drilled rivet and dust from the inside of the door.

10. REMOVE FRONT DOOR BELT MOULDING (See page 76-21)**11. REMOVE FRONT DOOR WINDOW MOULDING REAR (See page 76-19)****12. REMOVE DOOR FRAME GARNISH**

- (a) Using a clip remover, disengage the claws and remove the garnish.

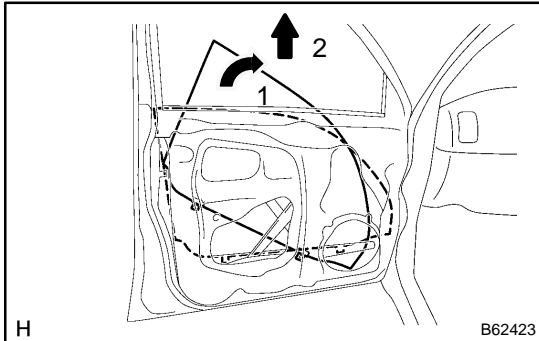
**13. REMOVE FRONT DOOR GLASS SUB-ASSY****HINT:**

Insert a shop rag inside the door panel to prevent the glass from being scratched.

- (a) Driver's side:
Connect the window regulator master switch.
- (b) Passenger's side:
Connect the power window regulator switch.
- (c) Move the door glass until the 2 bolts appear in the service holes.
- (d) Remove the 2 bolts.

NOTICE:

Be careful when removing the nuts as the glass may fall and become damaged.

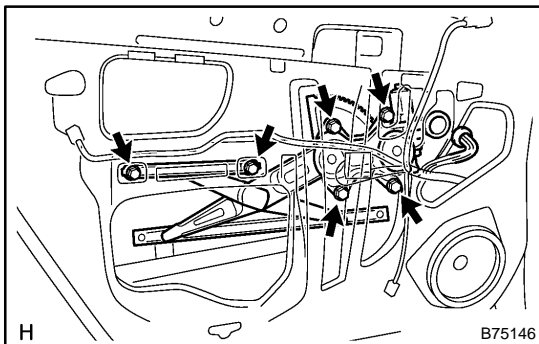


- (e) Remove the door glass in the direction indicated by the arrow marks in the illustration.

NOTICE:

Be careful not to damage the glass.

- (f) Driver's side:
Disconnect the window regulator master switch.
- (g) Passenger's side:
Disconnect the power window regulator switch.



14. REMOVE FRONT DOOR WINDOW REGULATOR SUB-ASSY

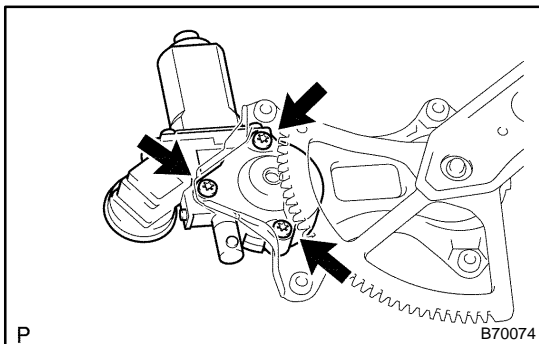
- (a) Disconnect the connector.
(b) Remove the 6 bolts and regulator.

NOTICE:

Be careful when removing the bolts as the window regulator may fall and become damaged.

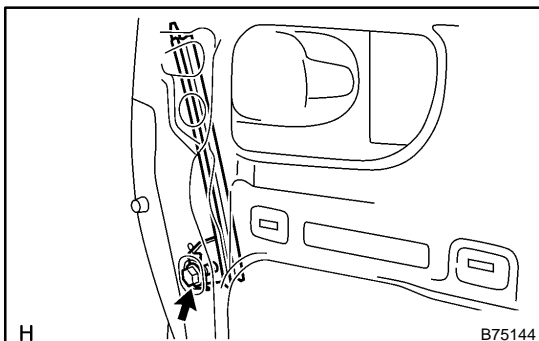
HINT:

Remove the window regulator through the service hole.



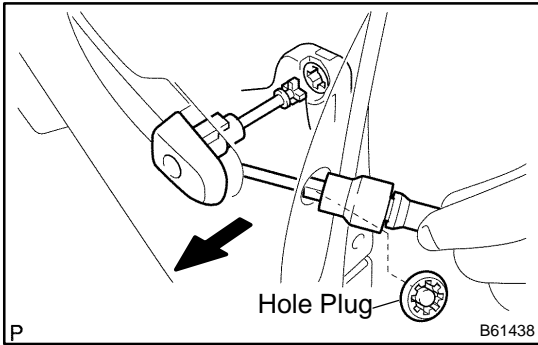
15. REMOVE POWER WINDOW REGULATOR MOTOR ASSY

- (a) Using a torx driver (T25), remove the 3 screws and motor.

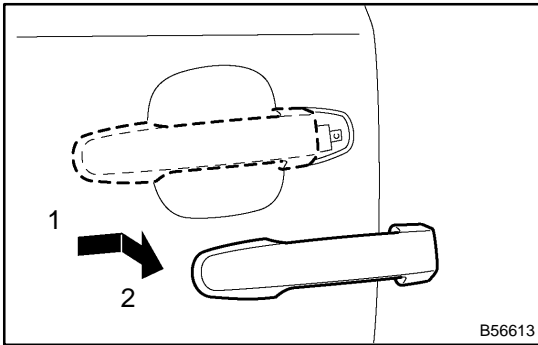


16. REMOVE FRONT DOOR FRAME SUB-ASSY REAR LOWER

- (a) Remove the bolt and frame.



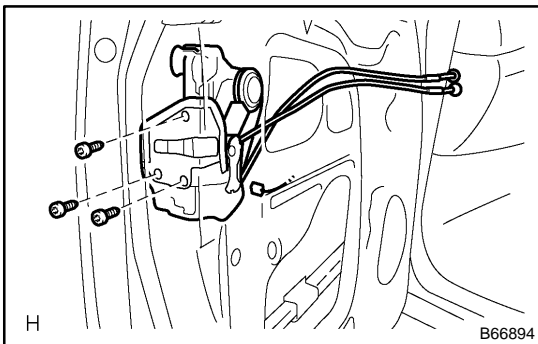
- 17. REMOVE FRONT DOOR OUTSIDE HANDLE COVER**
- (a) Remove the hole plug.
 - (b) Using a torx socket wrench (T30), loosen the screw and remove the cover with the door lock key cylinder installed.



- 18. REMOVE FRONT DOOR OUTSIDE HANDLE ASSY**
- (a) w/ Smart entry system:
Disconnect the connector.
 - (b) Remove the handle by sliding and pulling it in the direction indicated by the arrow mark in the illustration.
 - (c) Remove the outside handle pad front and rear.

NOTICE:

If the release plate is not pulled and held when removing the handle, the release plate will interfere with the handle and become damaged.



19. REMOVE FRONT DOOR LOCK ASSY

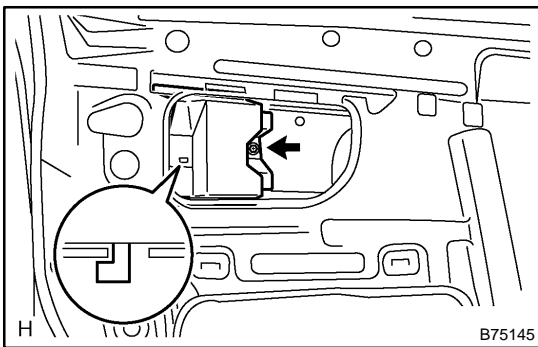
- (a) Using a torx socket wrench (T30), remove the 3 screws and door lock.

NOTICE:

Be careful when removing the bolts as the door lock may fall and become damaged.

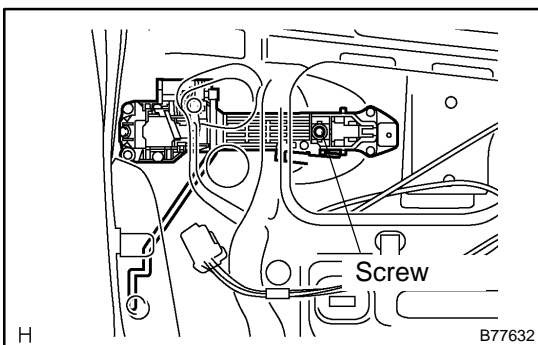
HINT:

Remove the door lock through the service hole.

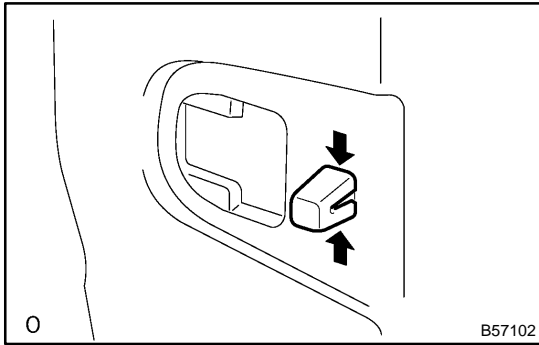


20. REMOVE FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSY

- (a) Remove the 2 screws and stiffener cushion No. 1.



- (b) Using a torx socket wrench (T30), loosen the screw of the frame.



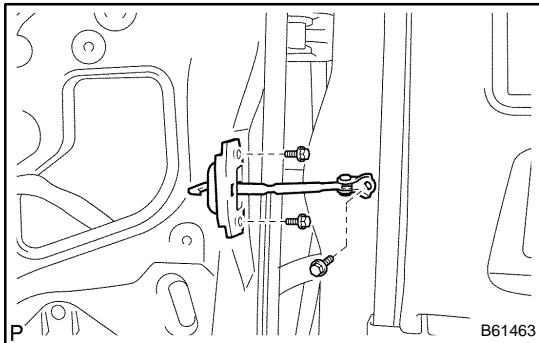
- (c) Using pliers, remove the clip and handle frame, as shown in the illustration.

NOTICE:

Be sure to remove the outside handle frame together with the clips as the clips will be damaged if they remain attached to the door panel.

HINT:

Remove the frame through the service hole.

**21. REMOVE FRONT DOOR CHECK ASSY**

- (a) Remove the 3 bolts and the door check.

HINT:

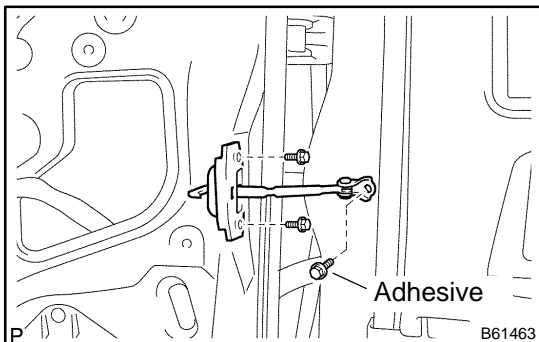
Remove the check through the service hole.

22. REMOVE FRONT DOOR WEATHRSTRIP

- (a) Using a clip remover, disengage the clips and remove the weatherstrip.

HINT:

If clips are damaged during removal, replace them.

**23. INSTALL FRONT DOOR CHECK ASSY**

- (a) Apply MP grease to the sliding areas of the check.

- (b) Install the check to the door panel with the 2 bolts.

Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

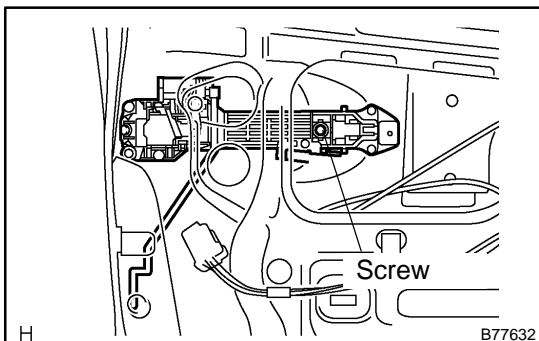
- (c) Apply adhesive to the threads of the bolt.

Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

- (d) Install the check to the body panel with the bolt.

Torque: 30 N·m (306 kgf·cm, 22 in.·lbf)

**24. INSTALL FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSY**

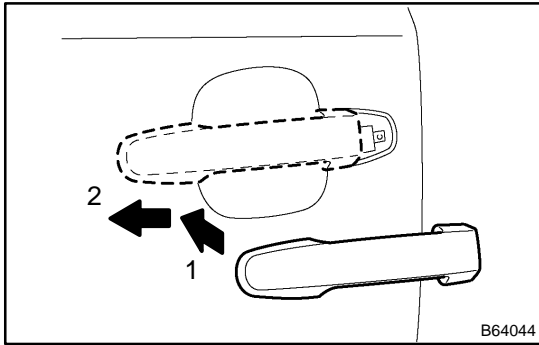
- (a) Install the outside handle link.

- (b) Apply MP grease to the sliding areas of the frame.

- (c) Using a torx socket wrench (T30), install the frame with the screw.

Torque: 4.0 N·m (41 kgf·cm, 35 in.·lbf)

- (d) Install the stiffener cushion No. 1 with the 2 screws.



25. INSTALL FRONT DOOR OUTSIDE HANDLE ASSY

- Install the outside handle pad front and rear.
- Install the handle by pushing it in the direction of the arrow marks in the illustration.

NOTICE:

If the release plate is not pulled and held when installing the handle, the release plate will interfere with the handle and become damaged.

26. INSTALL FRONT DOOR LOCK ASSY

- Apply MP grease to the sliding and rotating areas of the door lock.
- Install a new door lock wire harness packing.

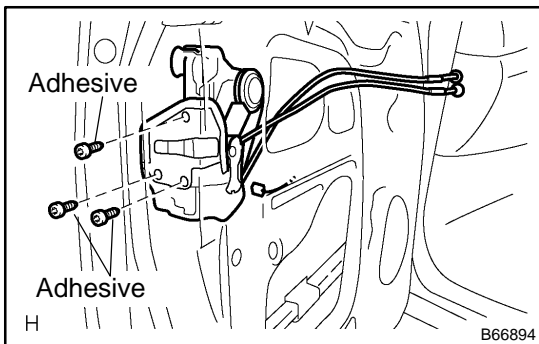
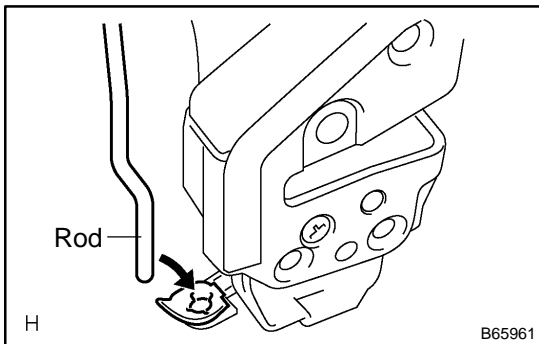
NOTICE:

- ★ When reinstalling the door lock, always use a new packing.
- ★ Do not allow grease or dirt which contaminates the gap between the door panel and packing.
- ★ Old packing or damaged packing cannot effectively protect against water, which can damage the door lock.

- Insert the control rod into the door lock, and then set it to the door panel.

NOTICE:

Make sure that the rod is securely engaged with the lock.



- Apply adhesive to the threads of the 3 screws.

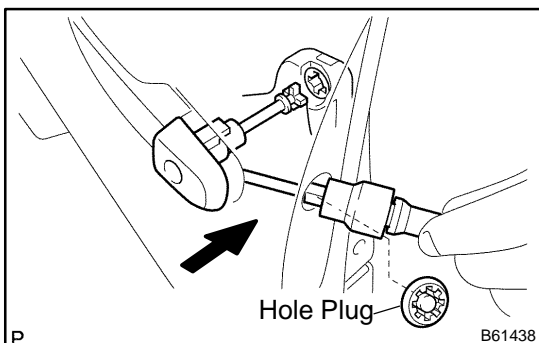
Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

- Using a torx socket wrench (T30), install the door lock with the 3 screws.

Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)

- Connect the door lock connector.

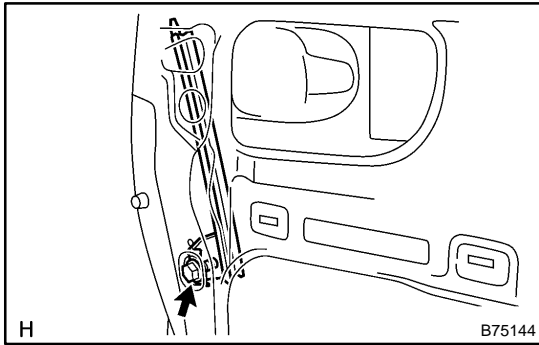


27. INSTALL FRONT DOOR OUTSIDE HANDLE COVER

- Using a torx socket wrench (T30), install the cover (with the door lock key cylinder installed) with the screw.

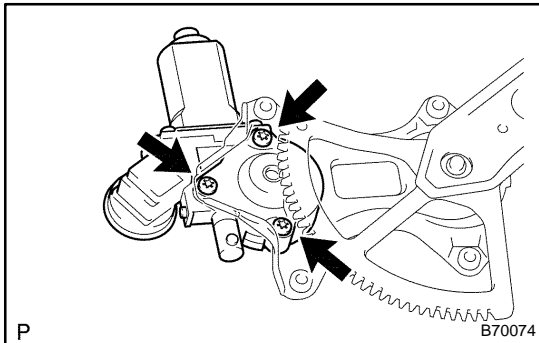
Torque: 4.0 N·m (41 kgf·cm, 37 in.-lbf)

- Install the hole plug.



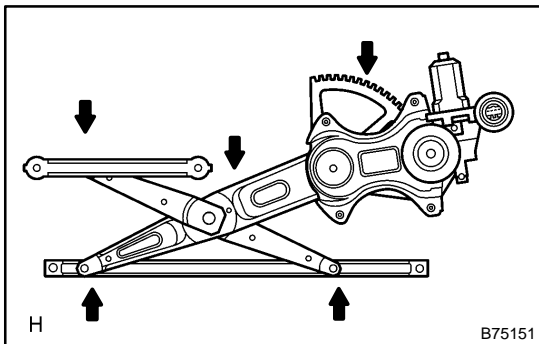
28. INSTALL FRONT DOOR FRAME SUB-ASSY REAR LOWER

- (a) Install the frame with the bolt.
Torque: 6.2 N·m (63 kgf·cm, 55 in.-lbf)



29. INSTALL POWER WINDOW REGULATOR MOTOR ASSY

- (a) Using a torx driver (T25), install the motor with the 3 screws.
Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)

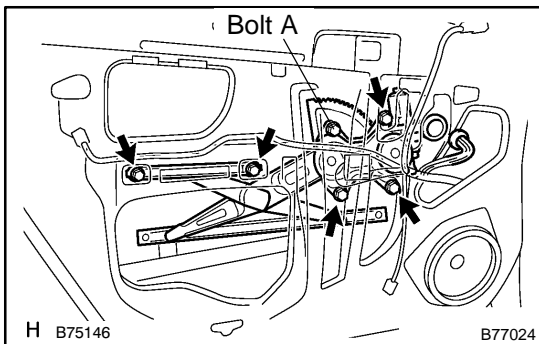


30. INSTALL FRONT DOOR WINDOW REGULATOR SUB-ASSY

- (a) Apply MP grease to the sliding and rotating areas of the window regulator.

NOTICE:

Do not apply grease to the spring of the window regulator.



- (b) Loosely screw bolt A onto the window regulator.
 (c) Insert the window regulator into the door panel. Use bolt A to hang the window regulator on the door panel.
 (d) Install the window regulator with the 5 bolts and tighten bolt A.

Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

NOTICE:

Be careful not to drop the window regulator as it may become damaged.

- (e) Connect the window regulator connector.

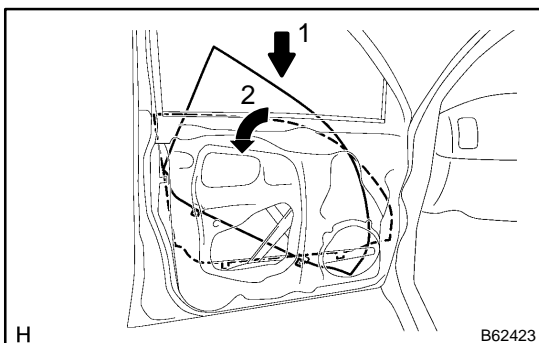
31. INSTALL FRONT DOOR GLASS SUB-ASSY

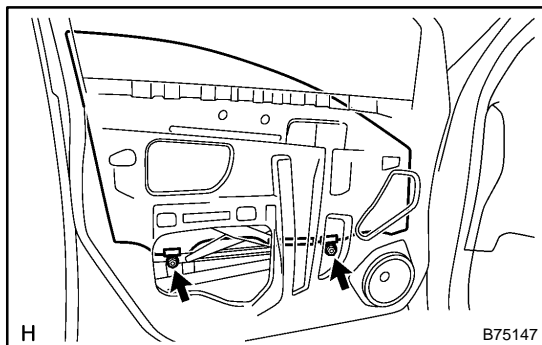
- (a) Install the glass run.

NOTICE:

Be careful not to damage the glass.

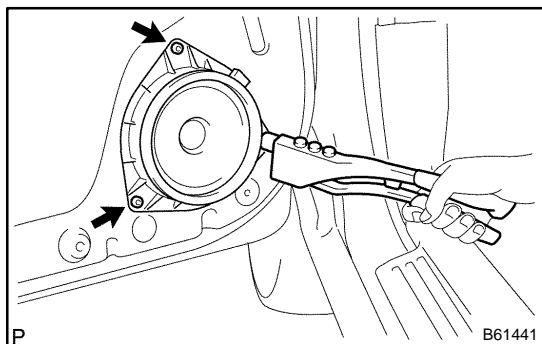
- (b) Insert the door glass into the door panel along the glass run as indicated by the arrow marks in the illustration.





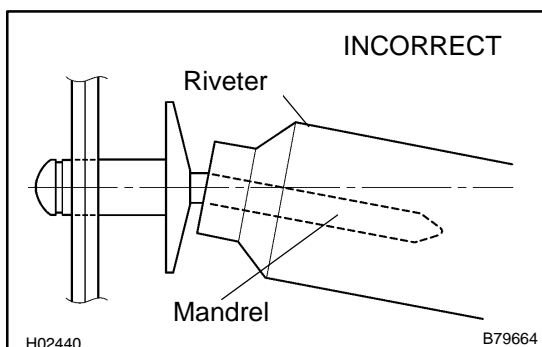
- (c) Install the door glass to the window regulator with the 2 bolts.

Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)



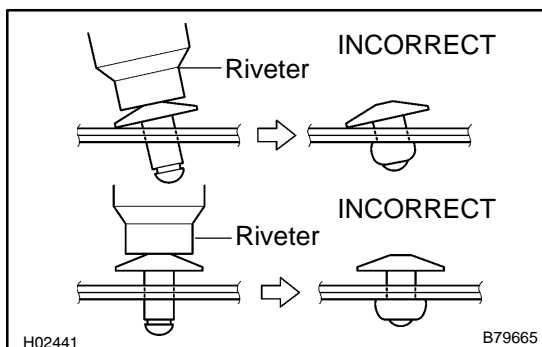
32. INSTALL FRONT NO.1 SPEAKER ASSY

- (a) Install the front speaker to the door.
 (b) Using an air riveter or hand riveter, install the front speaker.

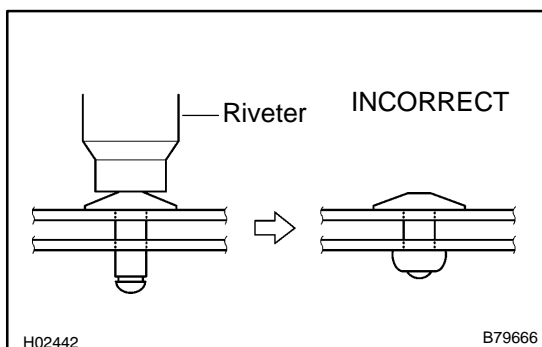


NOTICE:

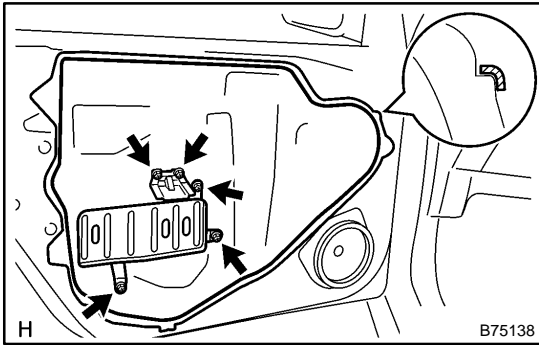
- ★ Do not prize the riveter. The riveter will be damaged and the mandrel will bend.



- ★ Do not tilt the riveter when fastening the rivet to the speaker as this will cause the rivet to be loose.
- ★ Do not have any space between the rivet head and the speaker. The rivet head must be completely flat against the speaker.



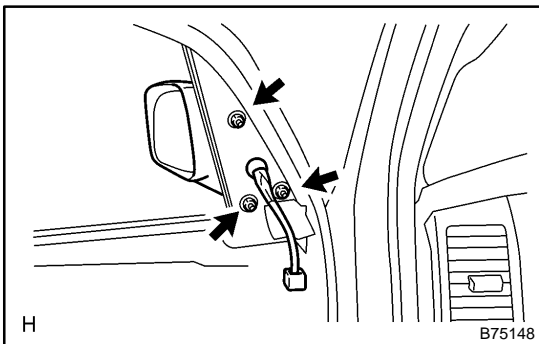
- ★ Do not have any space between the speaker and door. Firmly hold together the two items while installing the rivet.
- (c) Connect the speaker connector.

**33. INSTALL FRONT DOOR SERVICE HOLE COVER**

- (a) Install the service hole cover No. 2 with the 2 screws.
- (b) Apply butyl tape to the door as shown in the illustration.
- (c) Install a new service hole cover.

HINT:

- ★ When installing the service hole cover, pull out the links and connectors through the service hole cover.
 - ★ There should be no wrinkles or folds after attaching the service hole cover.
 - ★ After attaching the service hole cover, check the sealing quality.
- (d) Install the trim bracket with the 2 screws.

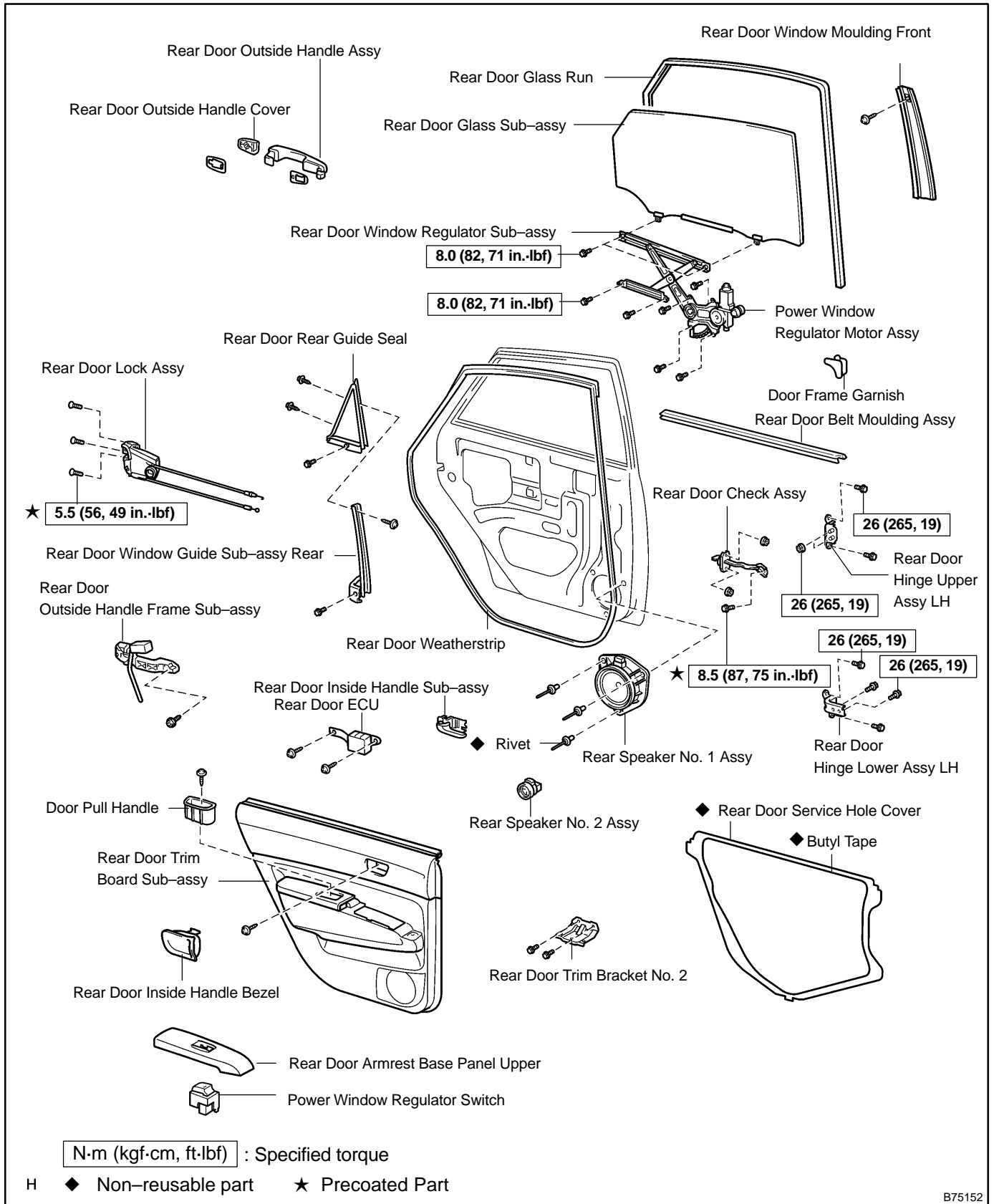
**34. INSTALL OUTER REAR VIEW MIRROR ASSY**

- (a) Install the mirror with the 2 nuts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
- (b) Connect the mirror connector.

35. INITIALIZE POWER WINDOW SYSTEM (See page 05-2028)

REAR DOOR COMPONENTS

750V0-01

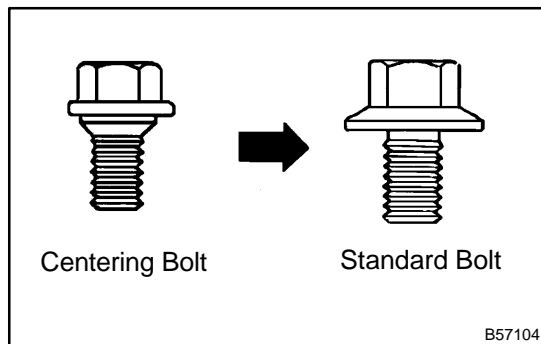


B75152

ADJUSTMENT

HINT:

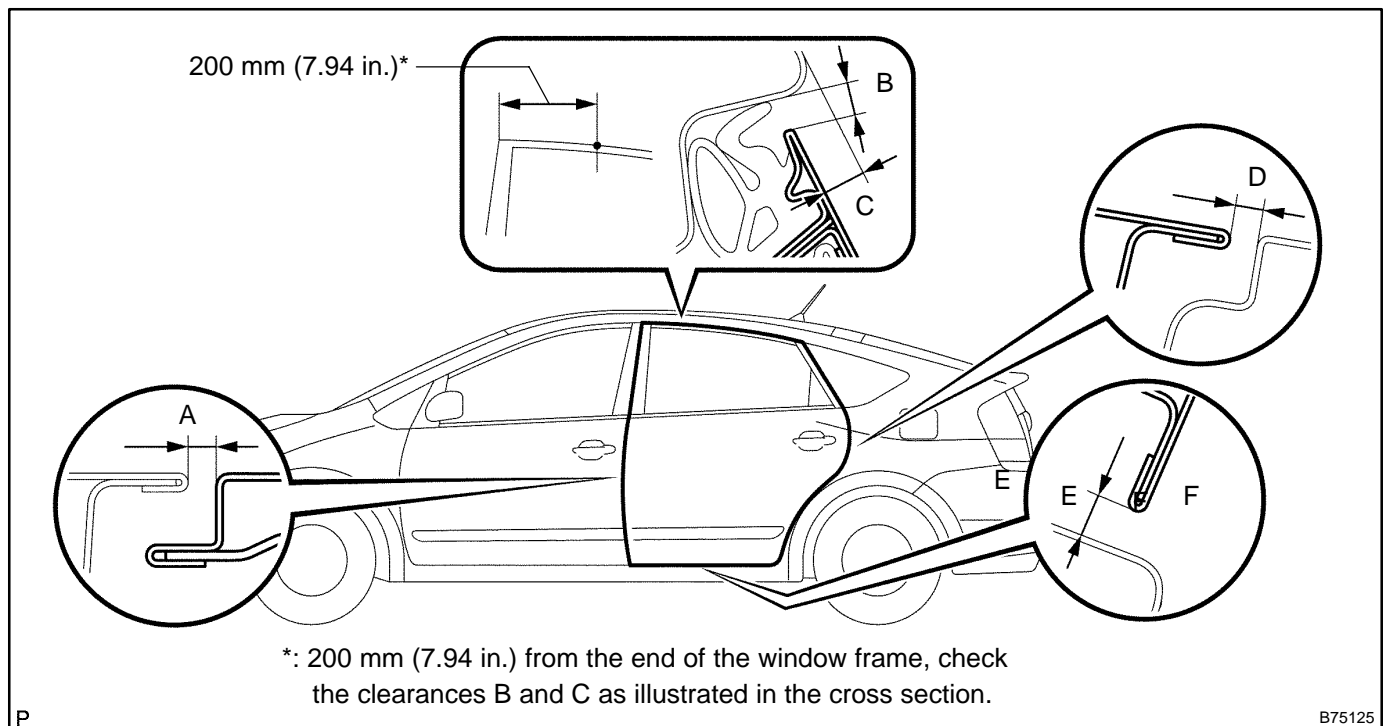
- ★ Before adjusting the door position for vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the battery. After adjustment, inspect the SRS warning lamp, side airbag system and the curtain shield airbag system for normal operation (see page 05-1397). Then initialize both systems (see page 01-28).
- ★ Use the same procedure for the RH side and LH side.
- ★ The procedures listed below are for the LH side.



- ★ Centering bolts are used to mount the door hinge to the vehicle body and door. The door cannot be adjusted with the centering bolts on. Substitute the centering bolts with standard bolts (w/ washers) when making adjustments.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

1. INSPECT REAR DOOR SUB-ASSY

- (a) Check that the clearance is within the standard range.



Standard:

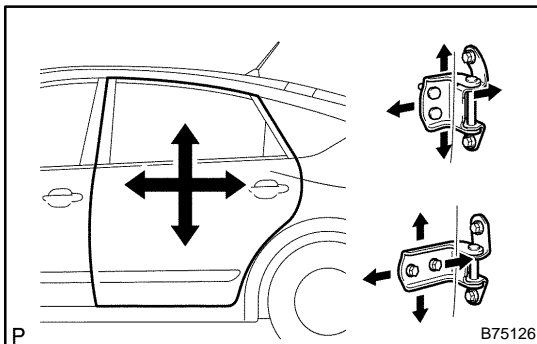
Area	Measurement	Area	Measurement
A	4.0 ± 1.5 mm (0.157 ± 0.059 in.)	D	4.0 ± 1.5 mm (0.157 ± 0.059 in.)
B	5.2 ± 1.5 mm (0.205 ± 0.059 in.)	E	5.7 ± 1.5 mm (0.224 ± 0.220 in.)
C	6.6 ± 1.5 mm (0.260 ± 0.059 in.)	-	-

2. ADJUST REAR DOOR SUB-ASSY

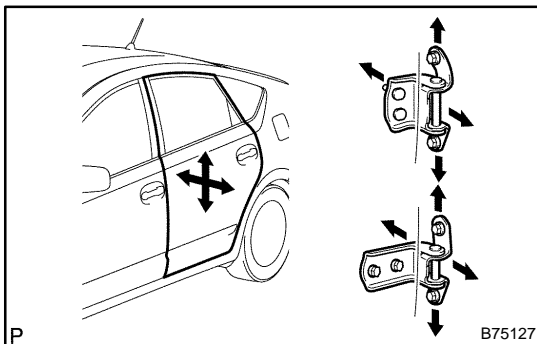
- (a) Disconnected the negative (-) terminal cable from the battery.

CAUTION:

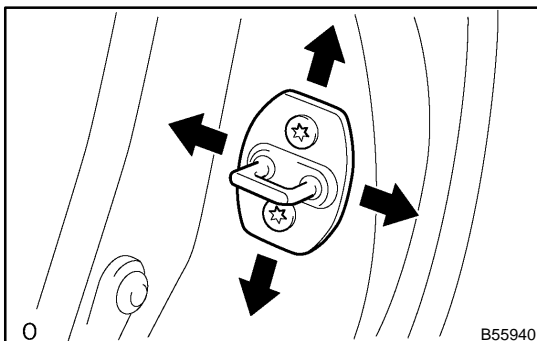
Work must be started at least 90 seconds after the power switch's power mode is changed to OFF and the negative (-) terminal cable is disconnected from the battery. (The SRS is equipped with a back-up power source. If work is started within 90 seconds of disconnecting the negative (-) terminal battery and power switch's power mode is changed to OFF, the SRS may deploy.)



- (b) Adjust the door horizontally and front/rear ward by loosening the body side hinge bolts.
 (c) Tighten the body side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)



- (d) Horizontally and vertically adjust the door by loosening the door side hinge bolts.
 (e) Tighten the door side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

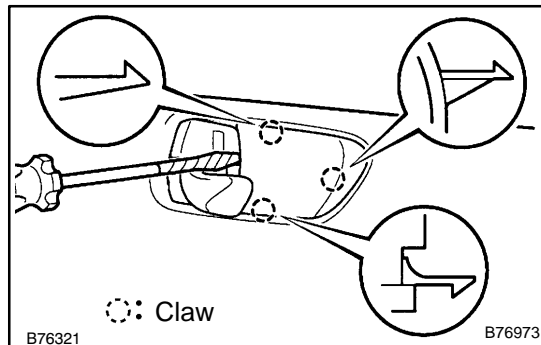


- (f) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
 (g) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)
 (h) Connect the negative (-) terminal cable to the battery.
 (i) Initialize both systems (see page 01-28).
 (j) Check the SRS warning lamp (see page 05-1397).

OVERHAUL

HINT:

- ★ The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- ★ Use the same procedures for the RH side and LH side.
- ★ The procedures listed below are for the LH side.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

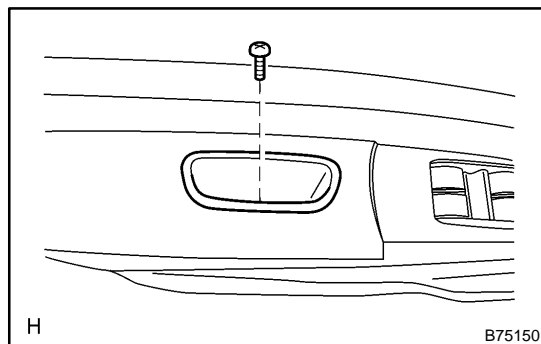


1. REMOVE REAR DOOR INSIDE HANDLE BEZEL

- (a) Using a screwdriver, disengage the 3 claws and remove the plug.

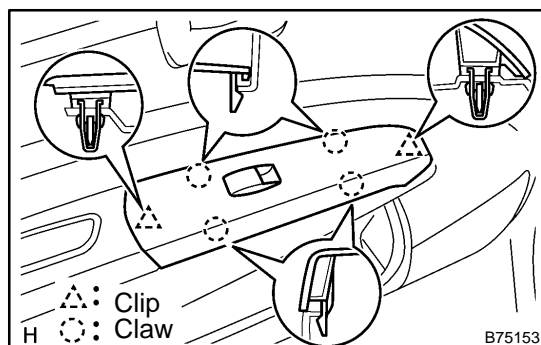
HINT:

Tape the screwdriver tip before use.



2. REMOVE DOOR PULL HANDLE

- (a) Remove the screw and pull handle.



3. REMOVE REAR DOOR ARMREST BASE PANEL UPPER

- (a) Using a screwdriver, disengage the 2 clip and 4 claws, and remove the armrest base panel together with the 2 switches.

HINT:

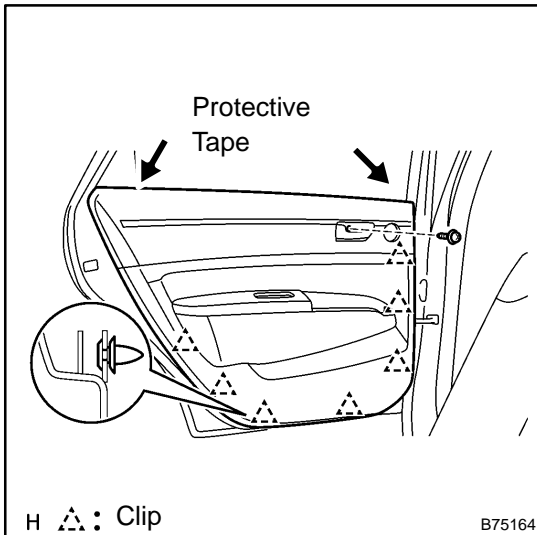
Tape the screwdriver tip before use.

- (b) Disconnect the switch connector.

- (c) Using a screwdriver, disengage the 2 claws, remove the power window regulator switch.

HINT:

Tape the screwdriver tip before use.

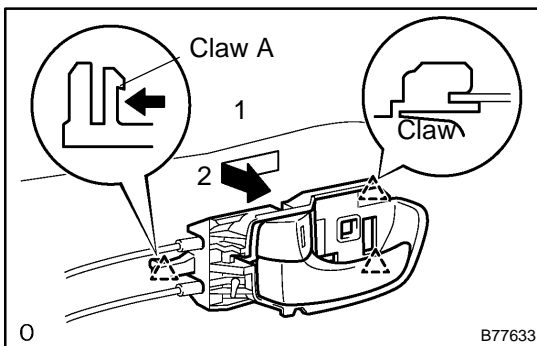


4. REMOVE REAR DOOR TRIM BOARD SUB-ASSY

- (a) Remove the screw.
- (b) Using a screwdriver, disengage the 7 clips and remove the trim board.

HINT:

- ★ In order to prevent the door panel from being damaged, use protective tape to cover the areas indicated by the arrow marks in the illustration.
- ★ If the clip cannot be reached with the clip remover, pull on the lower trim to remove it.

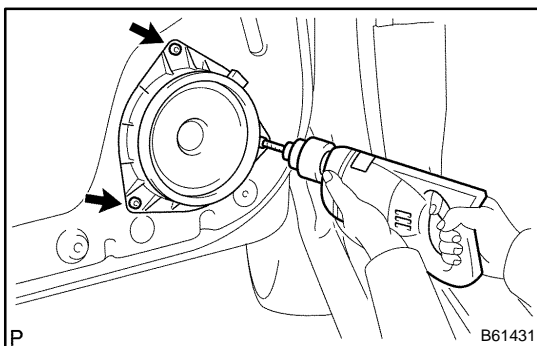


5. REMOVE REAR DOOR INSIDE HANDLE SUB-ASSY

- (a) Using a screwdriver, disengage the claw labeled A as shown in the illustration.

HINT:

- Tape the screwdriver tip before use.
- (b) Move the inside handle in the direction indicated by the arrow mark in the illustration. This will release the claw and allow removal of the inside handle.
 - (c) Disconnect the 2 cables from the inside handle.



6. REMOVE REAR SPEAKER ASSY

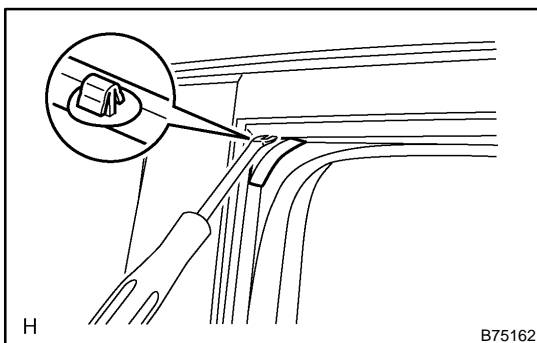
- (a) Using a drill of less than $\varnothing 4$ mm (0.16 in.), drill out the heads of the 3 rivets and remove the speaker.

NOTICE:

- ★ Be sure to gently place the drill perpendicular to the rivet to prevent the rivet hole and the drill itself from being damaged.
 - ★ Be careful as the cut rivet will be hot.
- (b) Even if the flange is taken off, continue drilling and push out the remaining fragments using the drill.
 - (c) Using a vacuum cleaner, remove the drilled rivet and dust from the inside of the door.

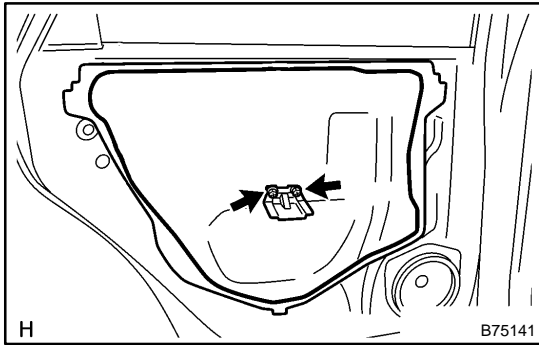
7. REMOVE REAR DOOR BELT MOULDING (See page 76-22)

8. REMOVE REAR DOOR WINDOW MOULDING FRONT (See page 76-20)



9. REMOVE DOOR FRAME GARNISH

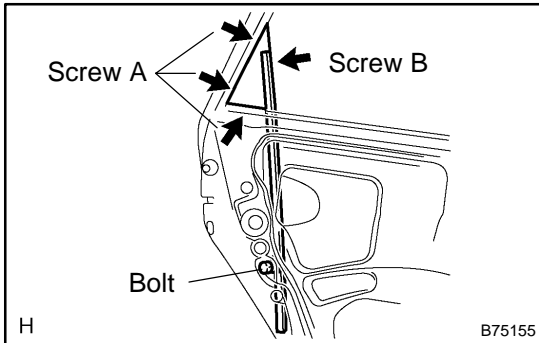
- (a) Using a clip remover, disengage the claws and remove the garnish.

**10. REMOVE REAR DOOR SERVICE HOLE COVER**

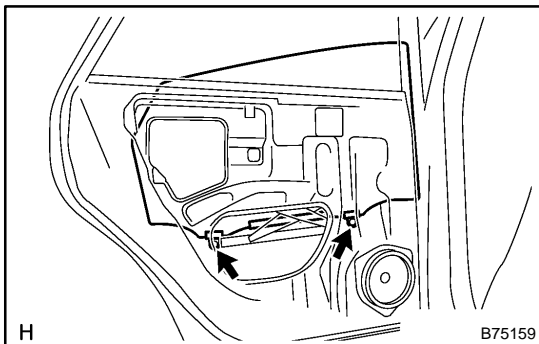
- (a) Remove the 2 screws and bracket No. 2.
- (b) Remove the service hole cover.

NOTICE:

Remove the remaining tape on the door side.

**11. REMOVE REAR DOOR WINDOW GUIDE SUB-ASSY REAR**

- (a) Remove the 3 screws labeled A, bolt and window guide rear together with the guide seal.
- (b) Remove the screw labeled B and rear door guide seal.

**12. REMOVE REAR DOOR GLASS SUB-ASSY****HINT:**

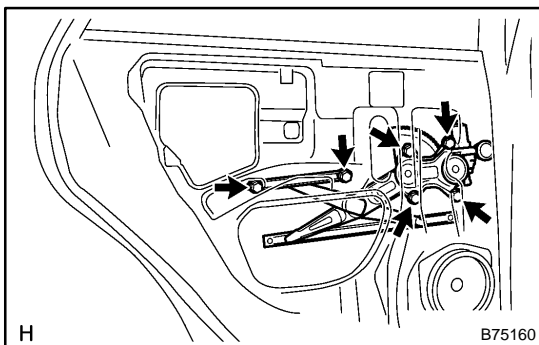
Insert a shop rag inside the door panel to prevent the glass from being scratched.

- (a) Connect the power window regulator switch.
- (b) Move the inside handle in the direction indicated by the arrow mark in the illustration. This will release the claw and allow removal of the inside handle.
- (c) Remove the 2 bolts and glass.

NOTICE:

Be careful when removing the nuts as the glass may fall and become damaged.

- (d) Disconnect the power window regulator switch.

**13. REMOVE REAR DOOR WINDOW REGULATOR SUB-ASSY**

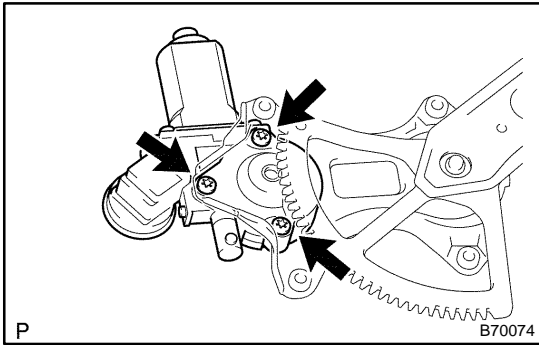
- (a) Disconnect the connector.
- (b) Remove the 6 nuts and regulator.

NOTICE:

Be careful when removing the bolts as the window regulator may fall and become damaged.

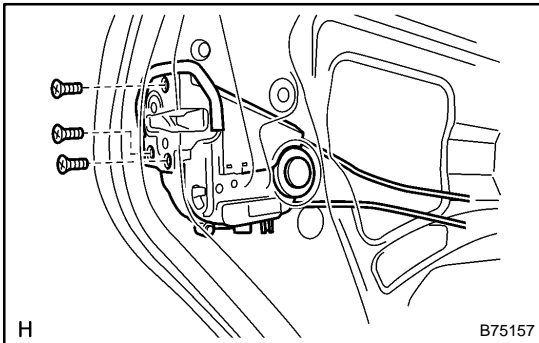
HINT:

Remove the window regulator through the service hole.



14. REMOVE POWER WINDOW REGULATOR MOTOR ASSY

- (a) Using a torx driver (T25), remove the 3 screws and motor.



15. REMOVE REAR DOOR LOCK ASSY

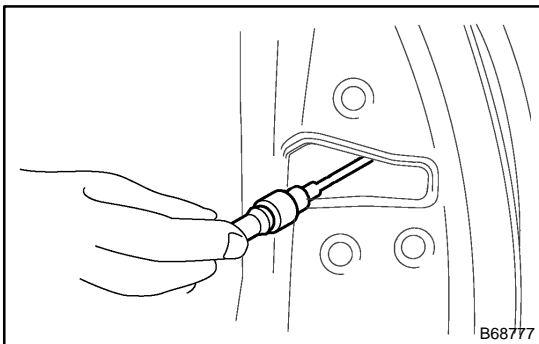
- (a) Using a torx socket wrench (T30), remove the 3 screws and door lock.

NOTICE:

Be careful when removing the bolts as the door lock may fall and become damaged.

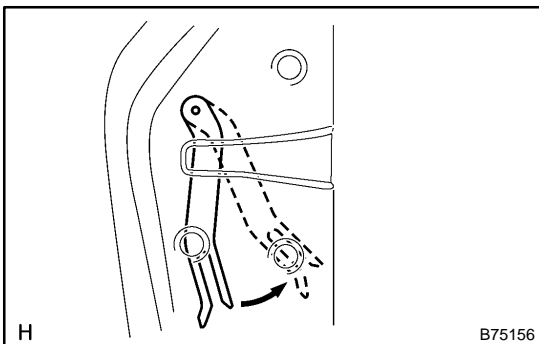
HINT:

Remove the door lock through the service hole.



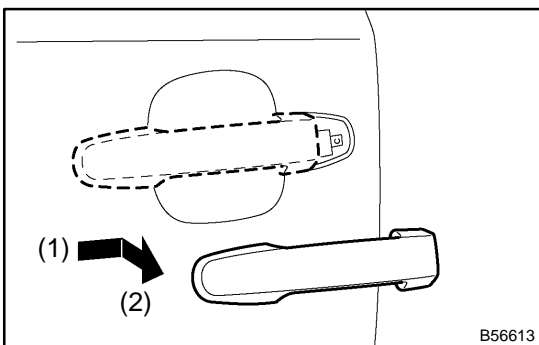
16. REMOVE REAR DOOR OUTSIDE HANDLE COVER

- (a) Using a torx socket wrench (T30), loosen the screw and remove the outside handle cover.



17. REMOVE REAR DOOR OUTSIDE HANDLE ASSY

- (a) Pull and hold the release plate of the outside handle frame, as shown in the illustration.

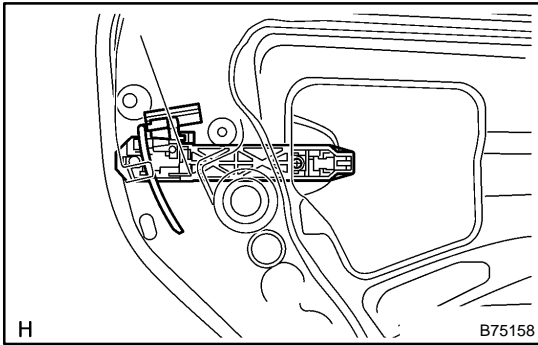


- (b) Pushing and pulling the outside handle in the arrow mark direction as shown in the illustration, remove the outside handle.

NOTICE:

If the release plate is not pulled and held when removing the outside handle, the release plate will interfere with the outside handle and it will damage the release plate.

- (c) Remove the outside handle pad front and rear.

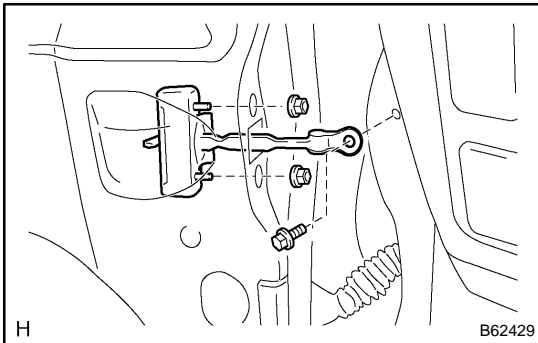


18. REMOVE REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSY

- (a) Using a torx socket wrench (T30), loosen the screw.
- (b) Slide the outside handle frame and remove it.

HINT:

Remove the outside handle frame through the service hole.



19. REMOVE REAR DOOR CHECK ASSY

- (a) Remove the 2 nuts, bolt and the door check.

HINT:

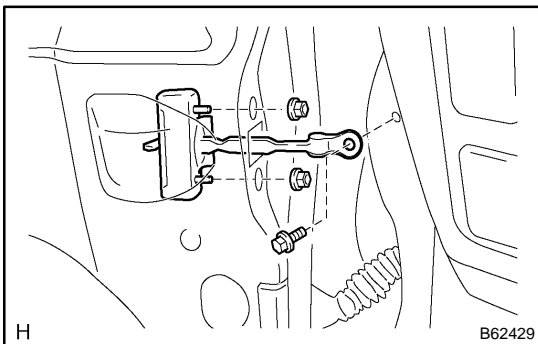
Remove the door check through the service hole.

20. REMOVE REAR DOOR WEATHERSTRIP

- (a) Using a clip remover, disengage the clip and remove the weatherstrip.

HINT:

If the clips are damaged, replace them with new clips.



21. INSTALL REAR DOOR CHECK ASSY

- (a) Apply MP grease to the sliding areas of the door check.
- (b) Install the door check to the door panel with the 2 nuts.
Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)
- (c) Apply adhesive to the bolt.

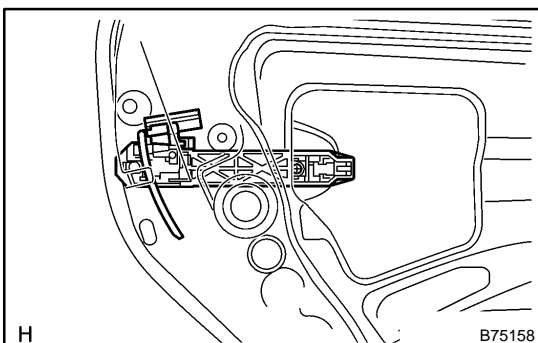
Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

- (d) Install the door check to the body panel with the bolt.
Torque: 30 N·m (306 kgf·cm, 22 ft.-lbf)

HINT:

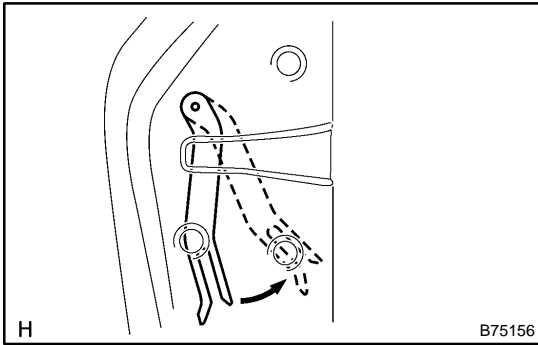
Install the door check so that the rivet head is facing up.



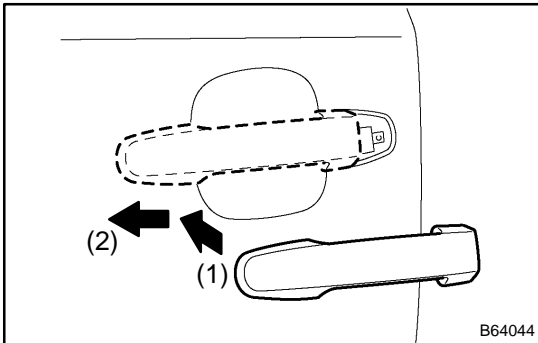
22. INSTALL REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSY

- (a) Using a torx socket wrench (T30), install the handle frame with the screw.

Torque: 7.0 N·m (56 kgf·cm, 49 in.-lbf)

**23. INSTALL REAR DOOR OUTSIDE HANDLE ASSY**

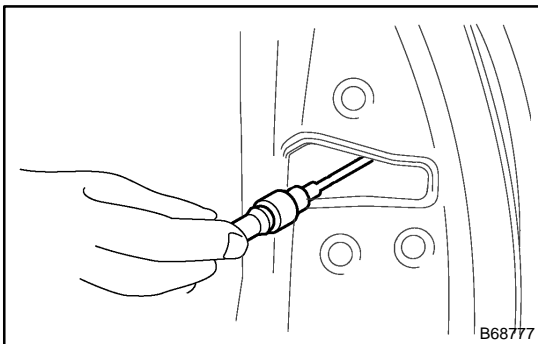
- (a) Install the outside handle pad front and rear.
- (b) Pull and hold the release plate of the outside handle frame, as shown in the illustration.



- (c) Pushing the outside handle in the arrow marks direction as shown in the illustration, install the outside handle.

NOTICE:

If the release plate is not pulled and held when installing the outside handle, the release plate will interfere with the outside handle and it will damage the release plate.

**24. INSTALL REAR DOOR OUTSIDE HANDLE COVER**

- (a) Using a torx socket wrench (T30), install the outside handle cover with the screw.

Torque: 4.0 N·m (41 kgf·cm, 35 in·lbf)

25. INSTALL REAR DOOR LOCK ASSY

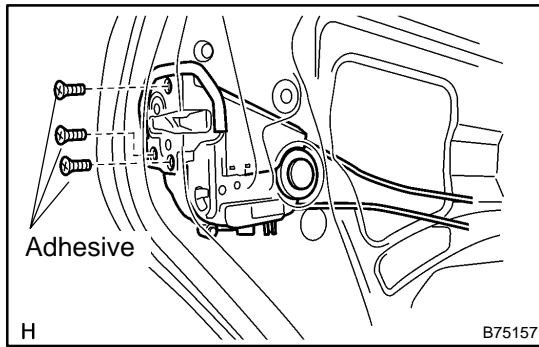
- (a) Apply MP grease to the sliding and rotating areas of the door lock.
- (b) Install a new door lock wire harness packing.

NOTICE:

- ★ If reusing the door lock that is removed, replace the packing in the connecting part with a new one.
 - ★ Be careful that no grease or dirt will stick to the packing surface in the connecting part.
 - ★ Reusing the packing that is removed or using a damaged packing will cause water to penetrate through the connecting part, and it will result in a malfunction of the door lock.
- (c) Engage the lock with the door motor with the release plate of the outside handle, and then set it to the door panel.

NOTICE:

Make sure that the release plate of the outside handle frame is securely engaged with the lock.



- (d) Apply adhesive to the 3 screws.

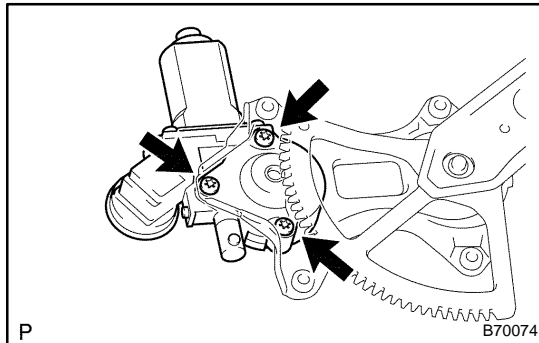
Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

- (e) Using a torx socket wrench (T30), install the door lock with the 3 screws.

Torque: 5.0 N·m (51 kgf·cm, 42 in.-lbf)

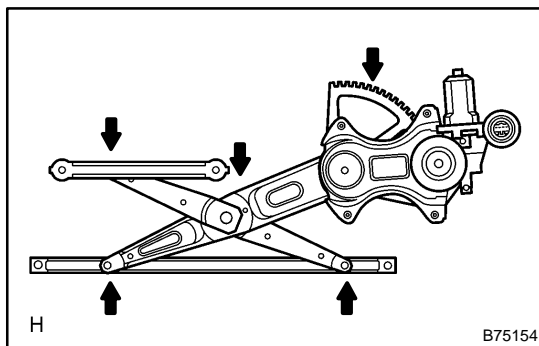
- (f) Connect the door lock connector.



26. INSTALL POWER WINDOW REGULATOR MOTOR ASSY

- (a) Using a torx driver (T25), install the motor with the 3 screws.

Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)

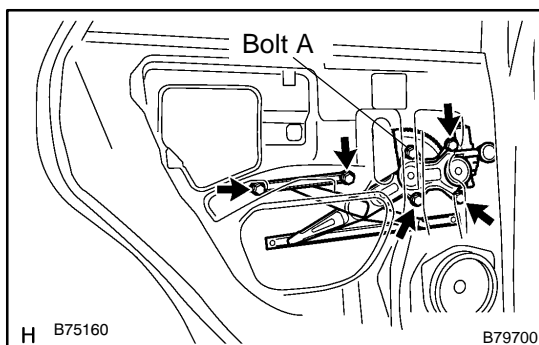


27. INSTALL REAR DOOR WINDOW REGULATOR SUB-ASSY

- (a) Apply MP grease to the sliding and rotating areas of the window regulator.

NOTICE:

Do not apply grease to the spring of the window regulator.



- (b) Loosely screw bolt A onto the window regulator.

- (c) Insert the window regulator into the door panel. Use bolt A to hang the window regulator on the door panel.

- (d) Install the window regulator with the 5 bolts and tighten bolt A.

Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

NOTICE:

Be careful not to drop the window regulator as it may become damaged.

- (e) Connect the window regulator connector.

28. INSTALL REAR DOOR GLASS SUB-ASSY

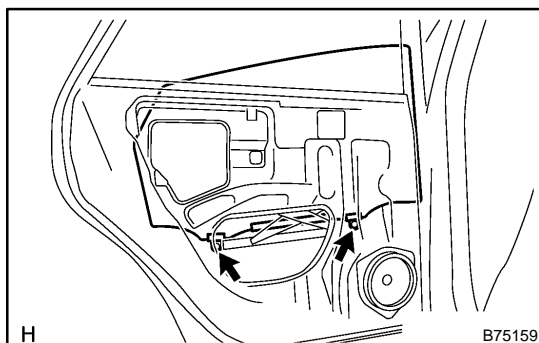
- (a) Install the glass run.

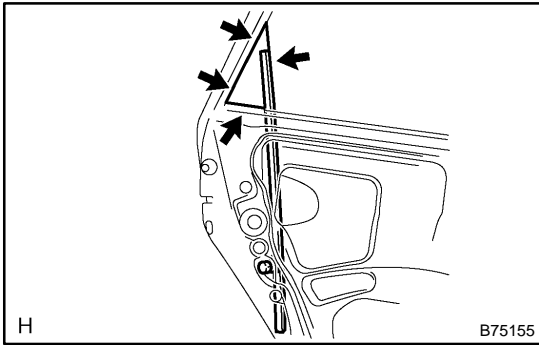
NOTICE:

Be careful not to damage the glass.

- (b) Install the door glass to the window regulator with the 2 bolts.

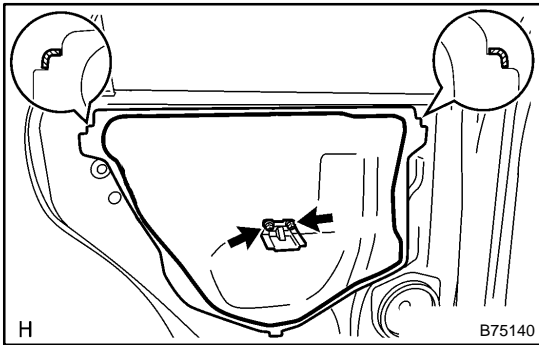
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)





29. INSTALL REAR DOOR WINDOW GUIDE SUB-ASSY REAR

- (a) Install the window guide rear together with the rear door guide seal.



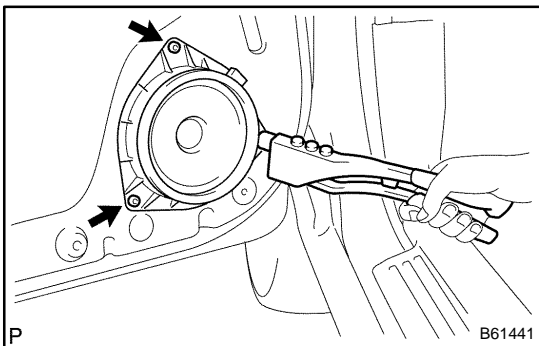
30. INSTALL REAR DOOR SERVICE HOLE COVER

- (a) Apply butyl tape to the door as shown in the illustration.
- (b) Install a new service hole cover.

HINT:

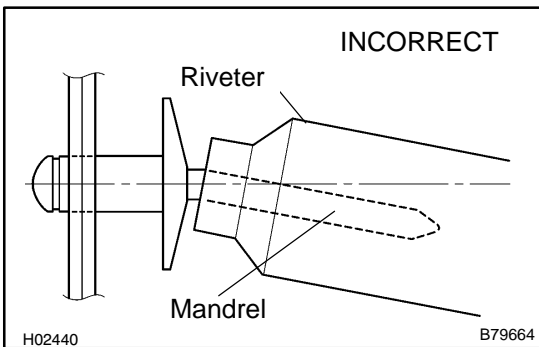
- ★ When installing the service hole cover, pull out the links and connectors through the service hole cover.
- ★ There should be no wrinkles or folds after attaching the service hole cover.
- ★ After attaching the service hole cover, check the sealing quality.

- (c) Install the trim bracket with the 2 screws.



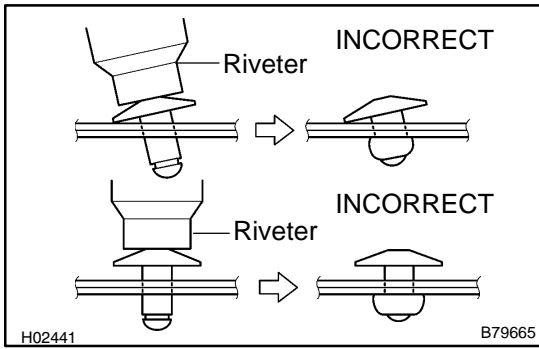
31. INSTALL FRONT NO.1 SPEAKER ASSY

- (a) Install the rear speaker to door.
- (b) Using an air riveter or hand riveter, install the rear speaker.

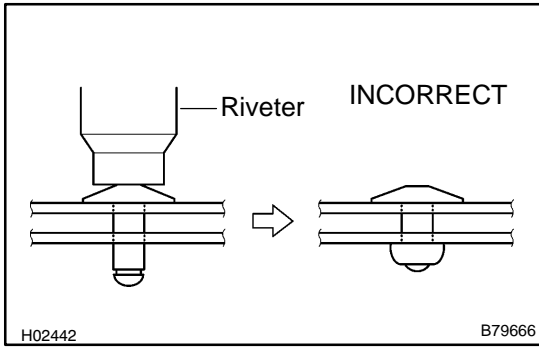


NOTICE:

- ★ Do not prize the riveter. The riveter will be damaged and the mandrel will bend.



- ★ Do not tilt the riveter when fastening the rivet to the speaker as this will cause the rivet to be loose.
- ★ Do not have any space between the rivet head and the speaker. The rivet head must be completely flat against the speaker.

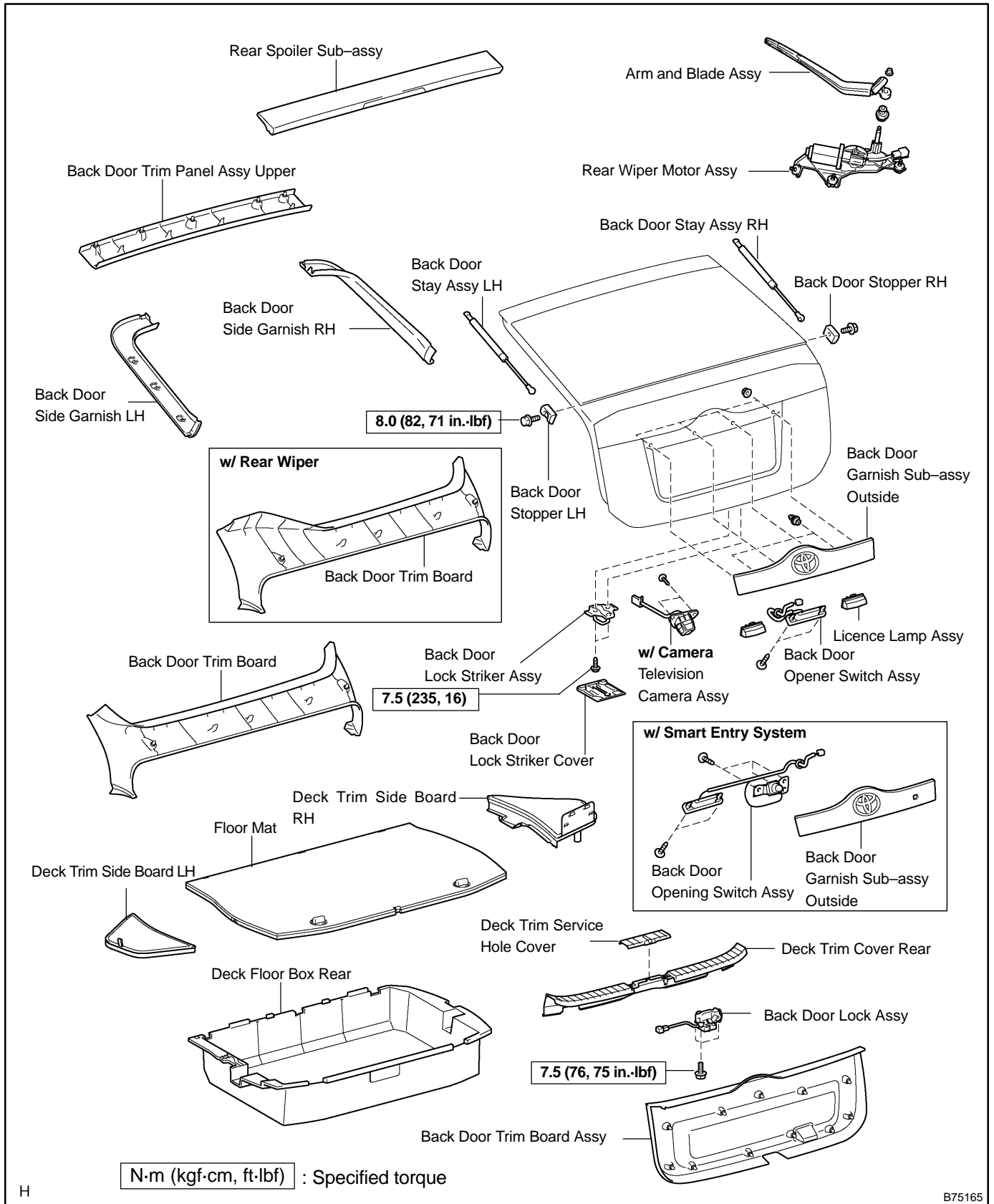


- ★ Do not have any space between the speaker and door. Firmly hold together the two items while installing the rivet.
- (c) Connect the speaker connector.

32. INITIALIZE POWER WINDOW SYSTEM (See page 05-2028)

BACK DOOR COMPONENTS

750V3-01



H

B75165

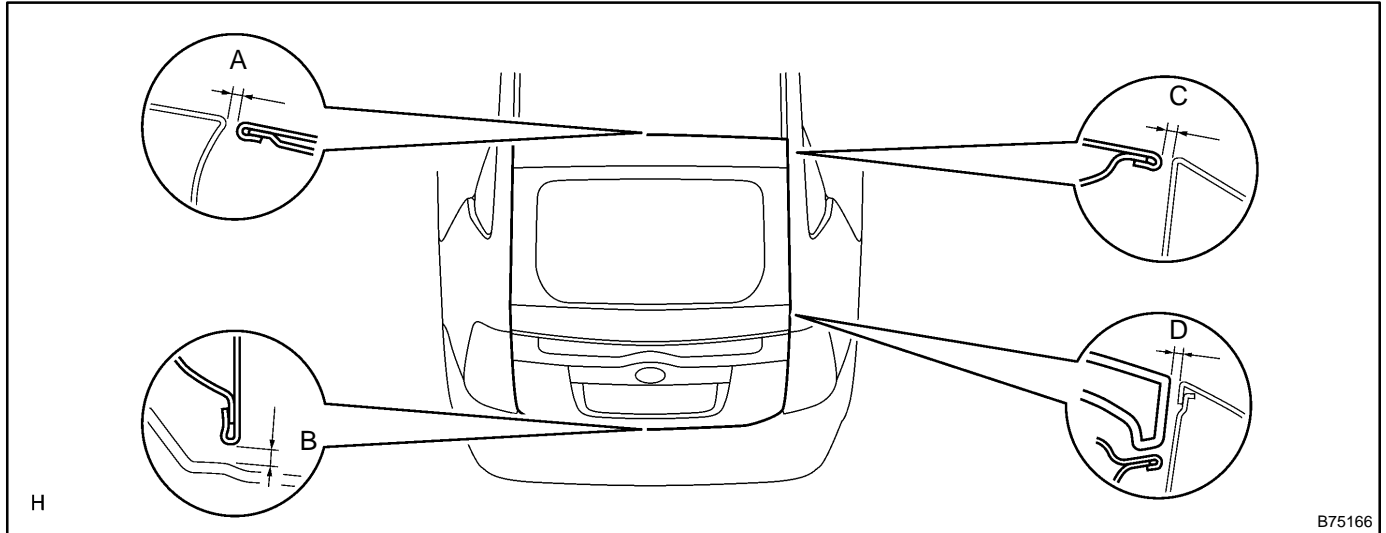
ADJUSTMENT

HINT:

A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

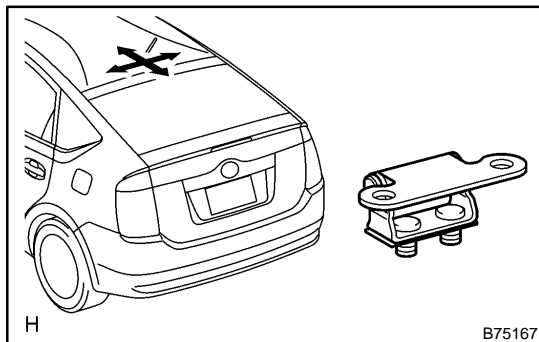
1. INSPECT BACK DOOR

(a) Check that the clearance is within the standard range.



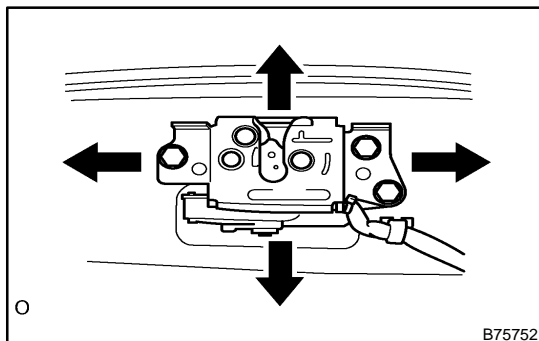
Standard:

Area	Measurement	Area	Measurement
A	6.6 ± 1.5 mm (0.260 ± 0.059 in.)	D	4.6 ± 1.5 mm (0.181 ± 0.059 in.)
B	5.8 ± 1.5 mm (0.228 ± 0.059 in.)	E	4.8 ± 1.5 mm (0.189 ± 0.059 in.)



2. ADJUST BACK DOOR

- (a) Adjust the top end of the back door panel on the horizontal plane by loosening the door side hinge bolt.
 (b) Tighten the door side hinge bolts after the adjustment.
Torque: 15 N·m (153 kgf·cm, 00 ft·lbf)



- (c) Vertically adjust the rear end of the back door panel by loosening the back door lock bolts.

NOTICE:

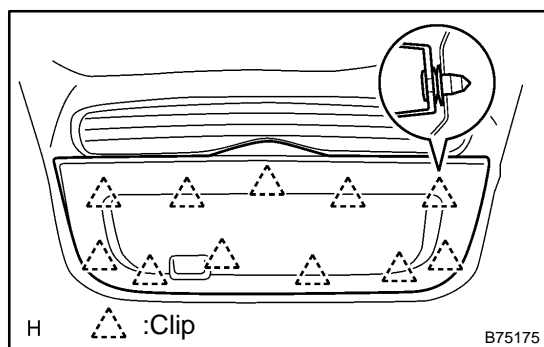
Tap the base for adjustment.

- (d) Tighten the 3 door lock bolts after the adjustment.
Torque: 7.5 N·m (76 kgf·cm, 75 in·lbf)

OVERHAUL

HINT:

- ★ The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

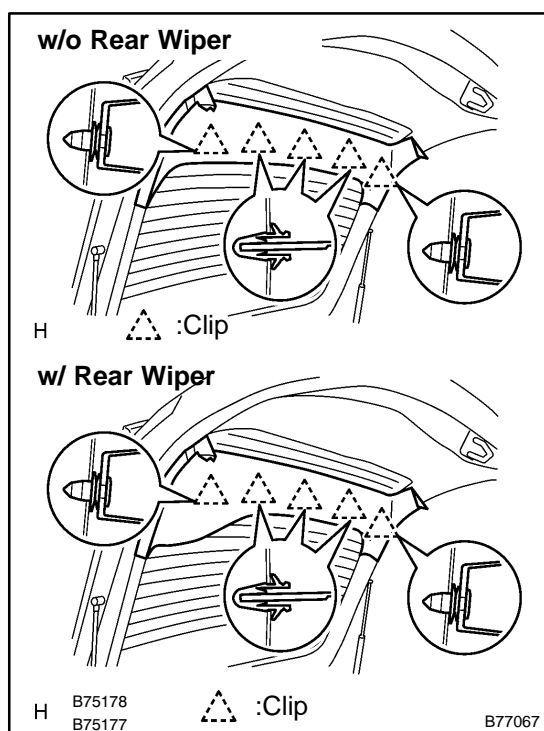


1. REMOVE BACK DOOR TRIM BOARD ASSY

- (a) Using a screwdriver, disengage the 11 clips and remove the trim board.

HINT:

Tape the screwdriver tip before use.

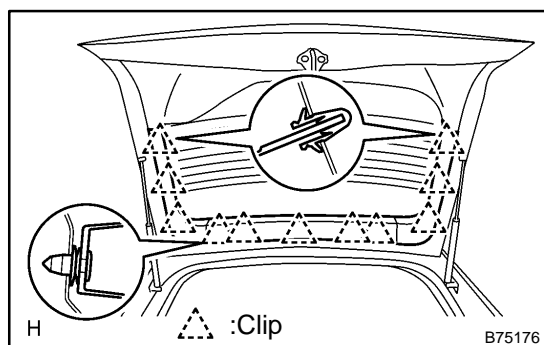


2. REMOVE BACK DOOR TRIM BOARD

- (a) Using a screwdriver, disengage the 5 clips and remove the trim board.

HINT:

Tape the screwdriver tip before use.



3. REMOVE BACK DOOR TRIM PANEL ASSY UPPER

- (a) Using a screwdriver, disengage the 5 clips and remove the trim panel.

HINT:

Tape the screwdriver tip before use.

4. REMOVE BACK DOOR SIDE GARNISH LH

- (a) Using a screwdriver, disengage the 3 clips and remove the garnish.

HINT:

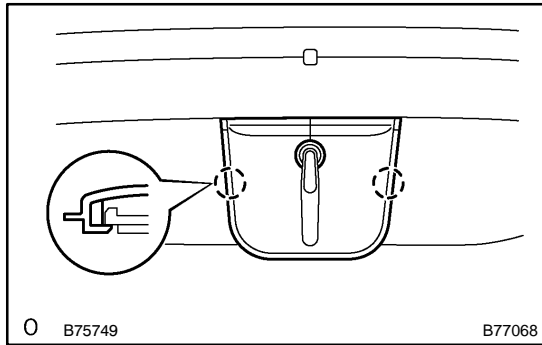
Tape the screwdriver tip before use.

5. REMOVE BACK DOOR SIDE GARNISH RH

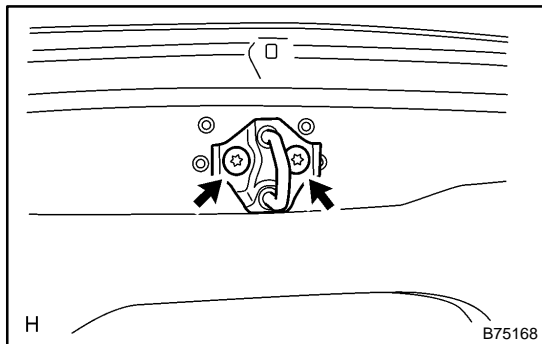
(a) Using a screwdriver, disengage the 3 clips and remove the garnish.

HINT:

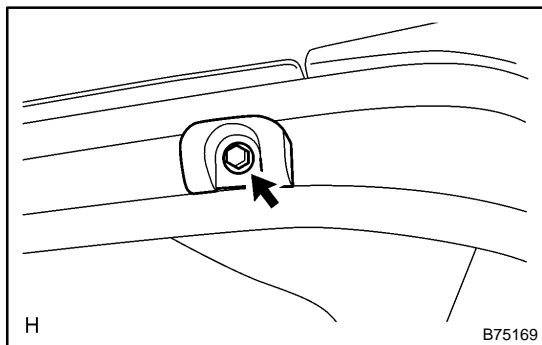
Tape the screwdriver tip before use.

6. REMOVE REAR SPOILER SUB-ASSY (See page 76-10)**7. REMOVE REAR WIPER MOTOR ASSY (See page 66-19)****8. REMOVE BACK DOOR GARNISH SUB-ASSY OUTSIDE (See page 76-23)****9. REMOVE TELEVISION CAMERA ASSY (See page 67-1)****10. REMOVE LICENSE PLATE LAMP ASSY (See page 65-21)****11. REMOVE BACK DOOR LOCK STRIKER ASSY**

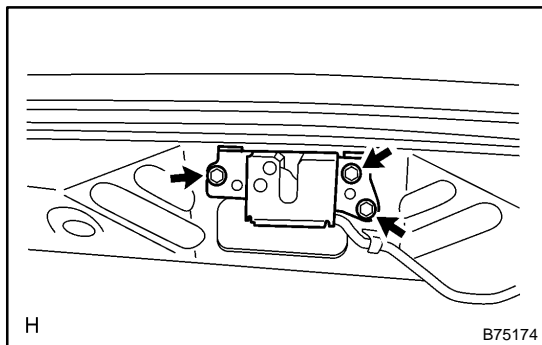
(a) Using a screwdriver, disengage the 2 claws and remove the cover.



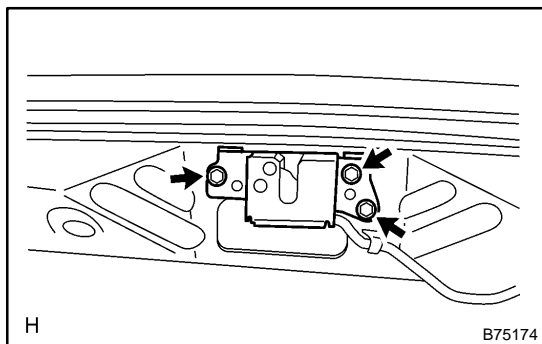
(b) Using a torx wrench (T40), remove the 2 screws and striker.

12. REMOVE BACK DOOR STAY ASSY LH (See page 75-36)**13. REMOVE BACK DOOR STAY ASSY RH (See page 75-36)****14. REMOVE DECK TRIM COVER REAR (See page 76-28)****15. REMOVE BACK DOOR STOPPER LOWER**

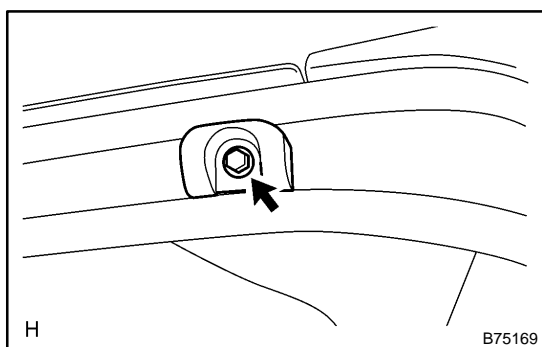
(a) Remove the bolt and stopper LH and RH.

**16. REMOVE BACK DOOR LOCK ASSY**

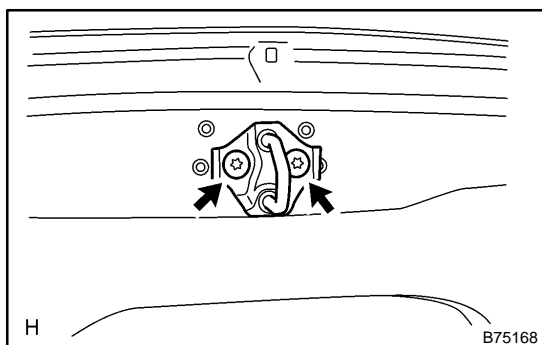
- (a) Disconnect the connector.
- (b) Remove the 3 bolts and door lock.

**17. INSTALL BACK DOOR LOCK ASSY**

- (a) Install the door lock with the 3 bolts.
Torque: 7.5 N·m (76 kgf·cm, 75 in.-lbf)
- (b) Adjust the door lock (see page 75-32).

**18. REMOVE BACK DOOR STOPPER LOWER**

- (a) Install the stopper with the bolt LH and RH.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

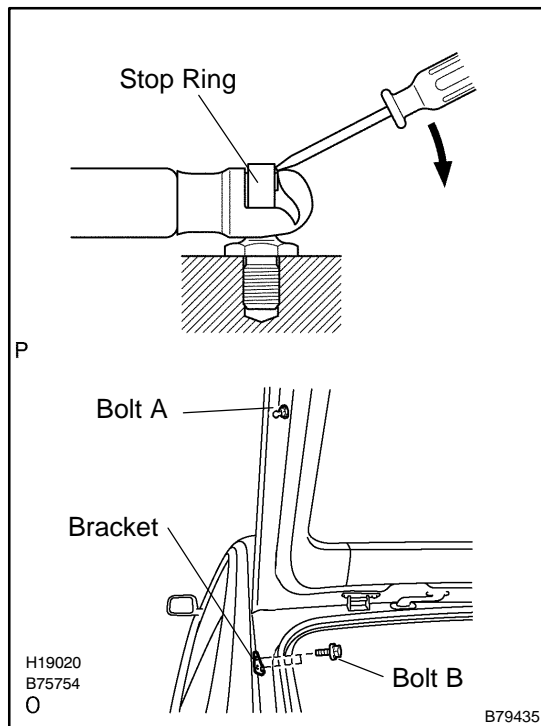
**19. INSTALL BACK DOOR LOCK STRIKER ASSY**

- (a) Using a torx wrench (T40), install the striker with the 2 screws.
Torque: 23 N·m (235 kgf·cm, 16 ft·lbf)
- (b) Install the cover.

BACK DOOR STAY REPLACEMENT

HINT:

- ★ The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- ★ Use the same procedures for the RH side and LH side.
- ★ The procedures listed below are for the LH side.
- ★ A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).



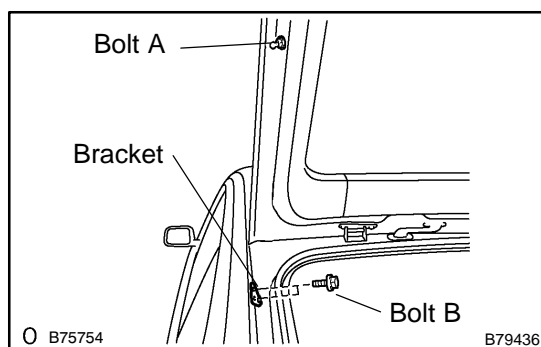
1. REMOVE BACK DOOR STAY ASSY LH

- (a) Using a screwdriver, remove the 2 stop rings and stay.
- (b) Remove the bolt labeled A from the door panel.

HINT:

Remove the door stay while supporting the back door with your hands.

- (c) Remove the 2 bolts labeled B and the stay bracket from the body panel.



2. INSTALL BACK DOOR STAY ASSY LH

- (a) Install the stay bracket with the 2 bolts.

Torque:

7.0 N·m (71 kgf·cm, 62 in·lbf) for bolt labeled B

- (b) Install the back door stay bolt to the back door.

Torque:

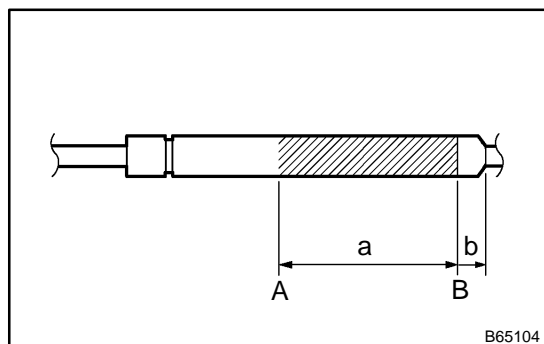
22.0 N·m (224 kgf·cm, 16 ft·lbf) for bolt labeled A

- (c) Install the stay with the 2 stop rings.

DISPOSAL

HINT:

Use the same procedures for the RH side and LH side.



1. DISPOSE OF BACK DOOR STAY

- (a) Horizontally fix the stay in a vise with the piston-rod pulled out.
- (b) Wearing safety glasses, gradually cut a part between A and B (shown in the illustration) using a metal saw to gradually release the gas.

Specification:

Area	Measurement
a	80 mm (3.15 in.)
b	20 mm (0.80 in.)

CAUTION:

Be careful to cover the area that is being cut as there is a possibility that metal debris could be blown out by the gas (the gas is colorless, odorless and harmless).