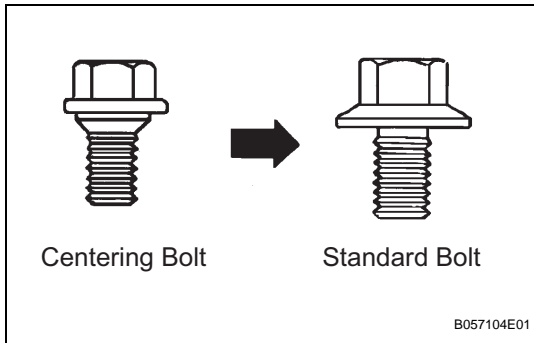


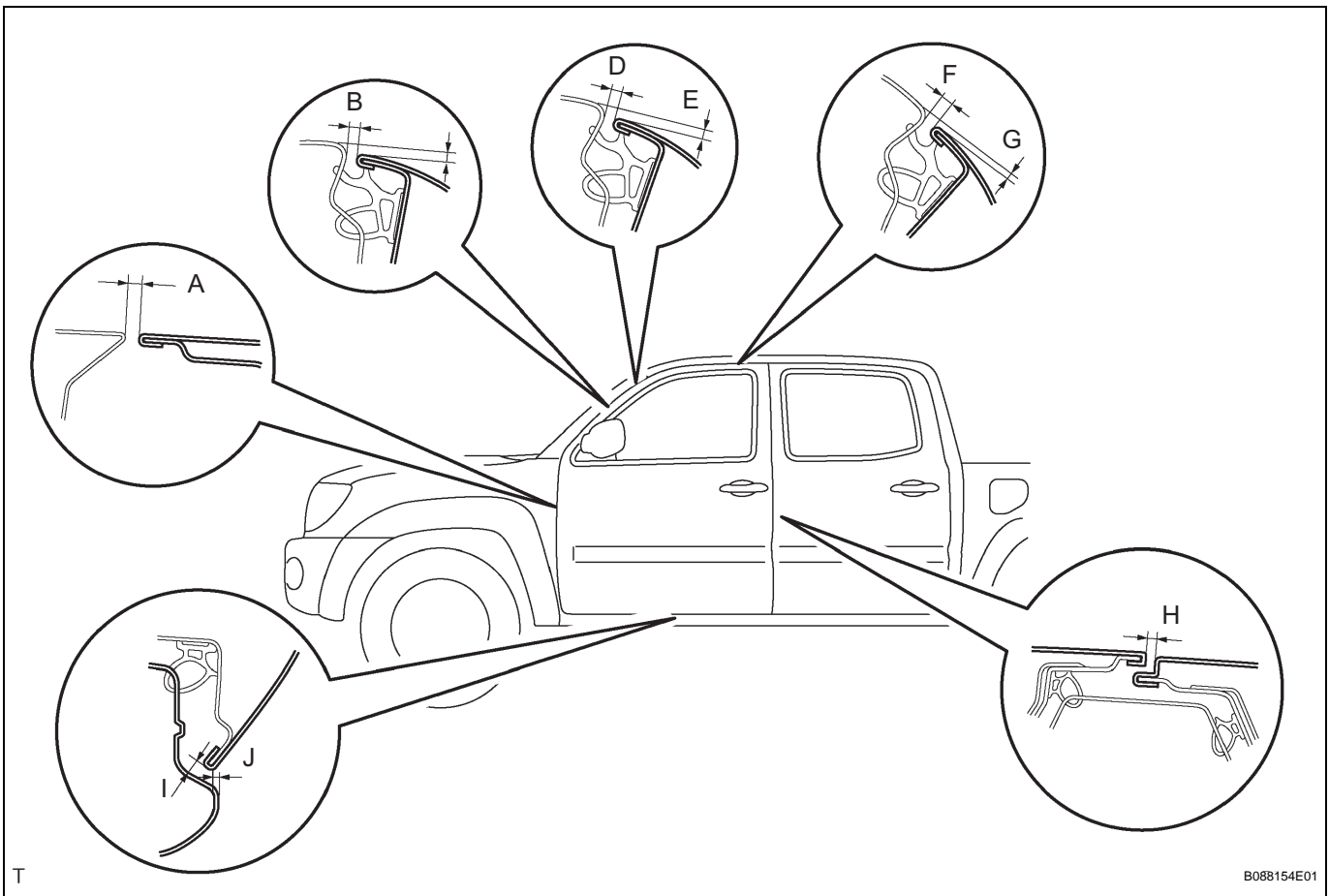
ADJUSTMENT

HINT:

- Before adjusting the positions of doors on vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the cable from the negative battery terminal. After making adjustments, inspect the SRS warning lamp, the side airbag system and the curtain shield airbag system for normal operation (See page [RS-28](#)).
- Use the same procedure for both the RH and LH sides.
- The procedures listed below are for the LH side.
- Centering bolts are used to mount the door hinge onto the vehicle body and door. The doors cannot be adjusted with the centering bolts on. Substitute the standard bolts (with washers) for the centering bolts when making adjustments.
- For bolts without torque specifications, check the standard bolt chart (See page [SS-2](#)).



1. INSPECT FRONT DOOR PANEL SUB-ASSEMBLY LH (for Double Cab)



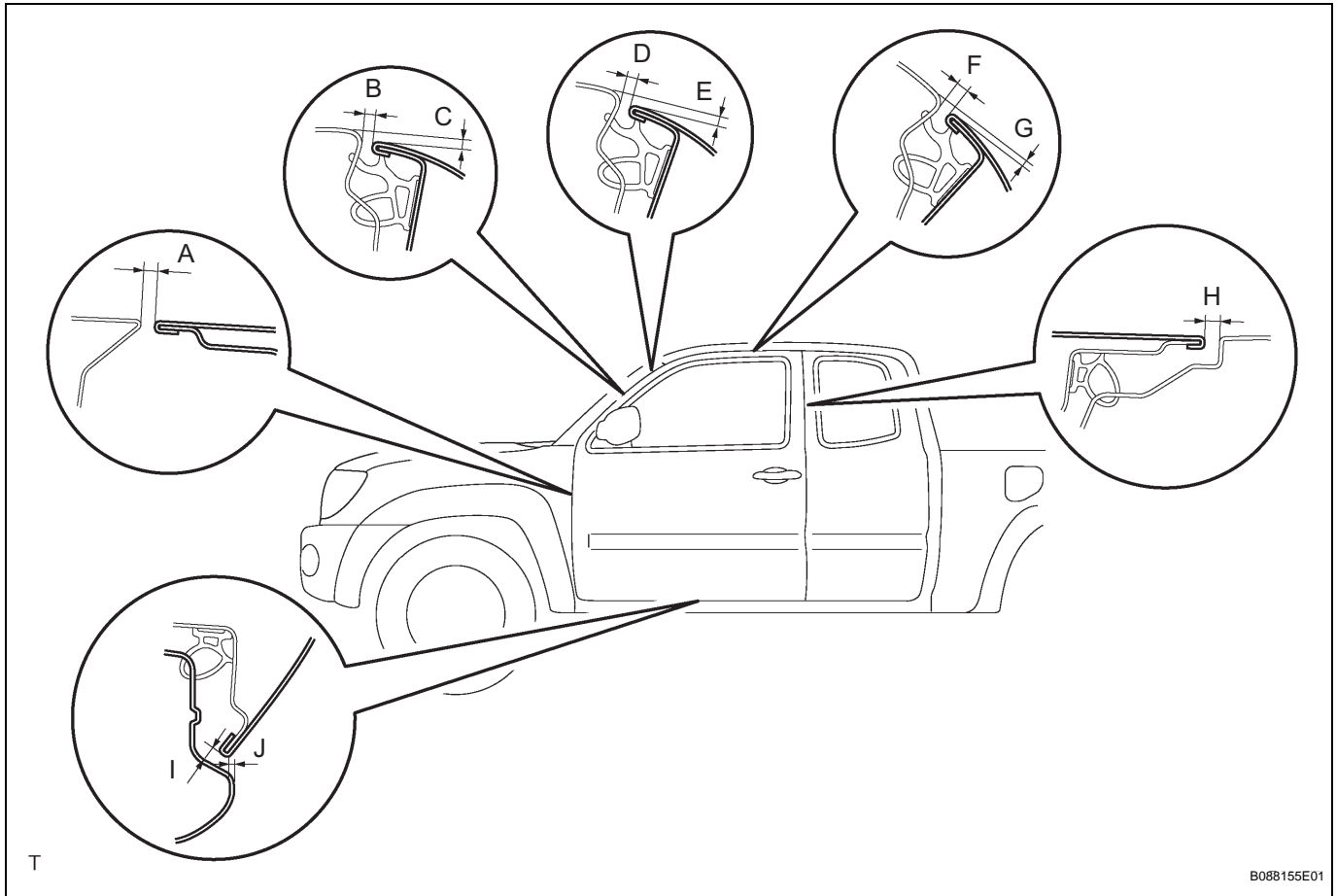
Check that the clearance measurements of areas A to J are within the standard ranges.

Standard:

Area	Measurement	Area	Measurement
A	4.6 +- 1.5 mm (0.181 +- 0.059 in.)	F	5.0 +- 1.5 mm (0.197 +- 0.059 in.)
B	5.0 +- 1.5 mm (0.197 +- 0.059 in.)	G	1.9 +- 1.5 mm (0.075 +- 0.059 in.)

C	3.0 +- 1.5 mm (0.118 +- 0.059 in.)	H	5.0 +- 1.5 mm (0.197 +- 0.059 in.)
D	5.0 +- 1.5 mm (0.197 +- 0.059 in.)	I	5.0 +- 1.5 mm (0.197 +- 0.059 in.)
E	2.7 +- 1.5 mm (0.106 +- 0.059 in.)	J	2.0 +- 1.5 mm (0.079 +- 0.059 in.)

2. INSPECT FRONT DOOR PANEL SUB-ASSEMBLY LH (for Access Cab)



ED

(a) Check that the clearance measurements of areas A to J are within the standard ranges.

Standard:

Area	Measurement	Area	Measurement
A	4.6 +- 1.5 mm (0.181 +- 0.059 in.)	F	5.0 +- 1.5 mm (0.197 +- 0.059 in.)
B	5.0 +- 1.5 mm (0.197 +- 0.059 in.)	G	1.9 +- 1.5 mm (0.075 +- 0.059 in.)
C	3.0 +- 1.5mm (0.118 +- 0.059 in.)	H	6.0 +- 1.5mm (0.236 +- 0.059 in.)
D	5.0 +- 1.5 mm (0.197 +- 0.059 in.)	I	5.0 +- 1.5mm (0.197 +- 0.059 in.)
E	2.7 +- 1.5mm (0.106 +- 0.059 in.)	J	2.0 +- 1.5mm (0.079 +- 0.059 in.)

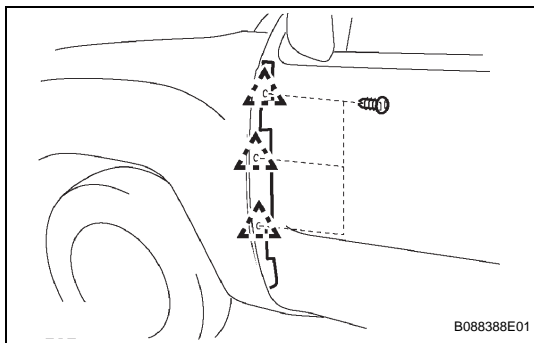
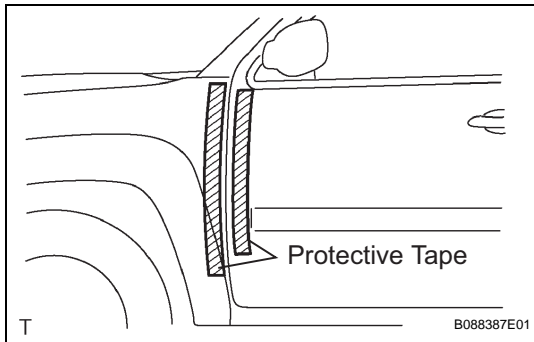
3. ADJUST FRONT DOOR PANEL SUB-ASSEMBLY LH

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

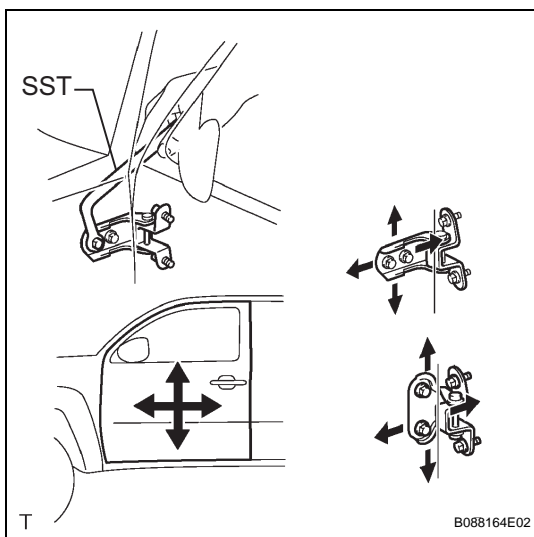
CAUTION:

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

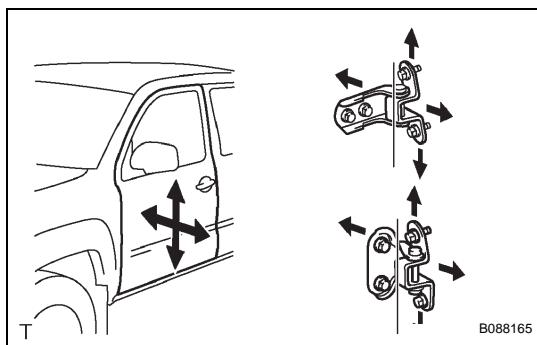
- (b) Apply strips of protective tape to the door panel and fender panel, as shown in the illustration.



- (c) Open the door, and then disengage the 3 clips.
HINT:
If any clips are damaged, replace them with new ones.
- (d) Remove the front fender side panel protector LH from the gap between the fender and door.

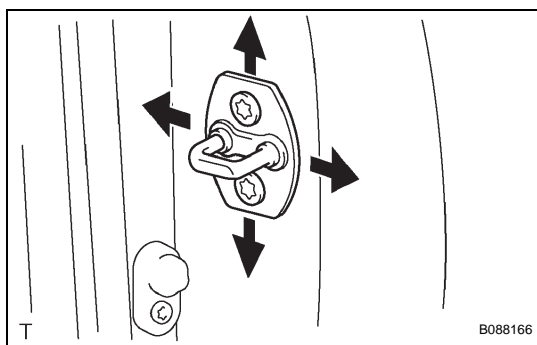


- (e) Using SST, adjust the door horizontally and vertically by loosening the body side hinge bolts.
SST 09812-00010
- (f) Tighten the body side hinge bolts after the adjustment.
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)



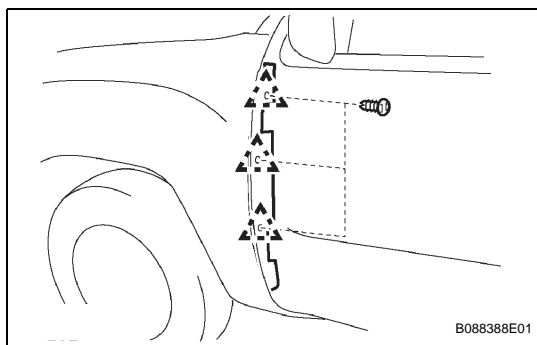
- (g) Horizontally and vertically adjust the door by loosening the door side hinge bolts.
- (h) Tighten the door side hinge bolts after the adjustment.

Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)

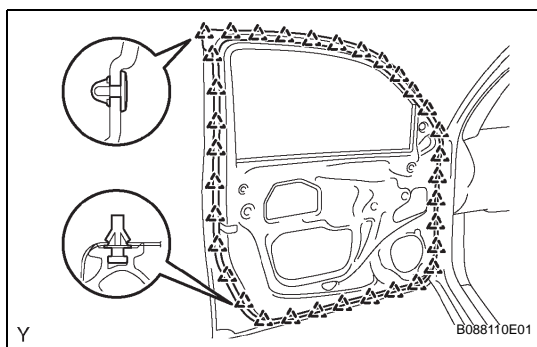


- (i) Adjust the striker position by slightly loosening the striker mounting screws with a torx socket wrench T40 and hitting the striker with a plastic hammer.
- (j) Using a torx socket wrench T40, tighten the striker mounting screws after the adjustment.

Torque: 23 N*m (235 kgf*cm, 17 ft.*lbf)



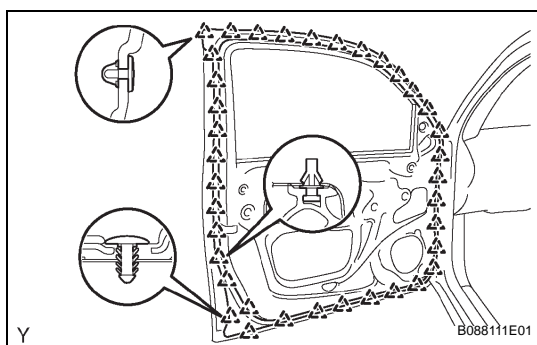
- (k) Install the front fender side panel protector LH with the 3 clips.
 - (l) Connect the cable to the negative battery terminal.
- Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)**
- (m) Inspect the SRS warning lamp (See page [RS-28](#))



REASSEMBLY

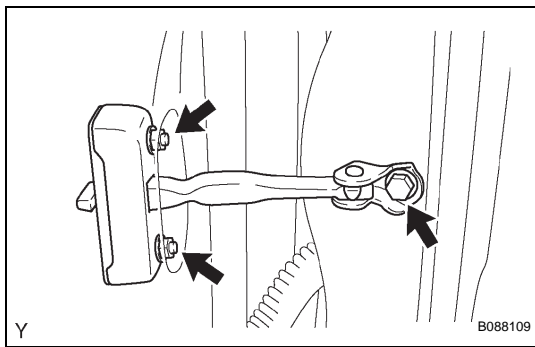
1. INSTALL FRONT DOOR WEATHERSTRIP LH (for Double Cab)

- (a) Engage the 34 clips and install a new front door weatherstrip LH.
- (b) Remove the tab tape at both ends of 2-sided tape attached to the weather strip, and attach the weather strip to the door panel with the 2-sided tape.



2. INSTALL FRONT DOOR WEATHERSTRIP LH (for Access Cab)

- (a) Engage the 36 clips and install a new front door weatherstrip LH.
- (b) Remove the tab tape at both ends of 2-sided tape attached to the weather strip, and attach the weather strip to the door panel with the 2-sided tape.



3. INSTALL FRONT DOOR CHECK ASSEMBLY LH

- (a) Apply MP grease to the sliding areas of the check.
- (b) Install the front door check assembly LH onto the door panel with the 2 nuts.

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 front door check assembly LH onto the body panel with the bolt.

Torque: 30 N*m (306 kgf*cm, 22 ft.*lbf)

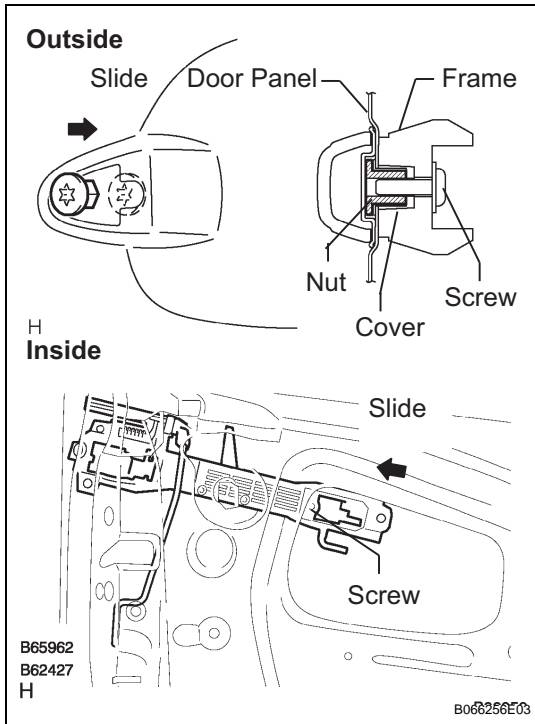
4. INSTALL FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY LH

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

Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)

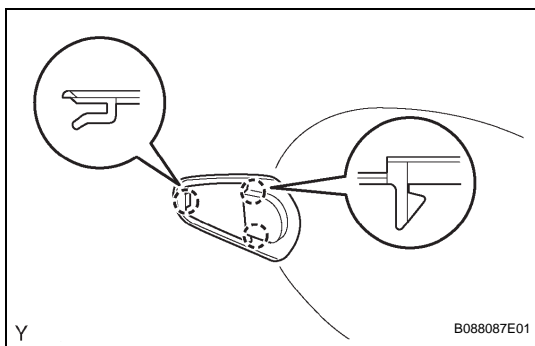
NOTICE:

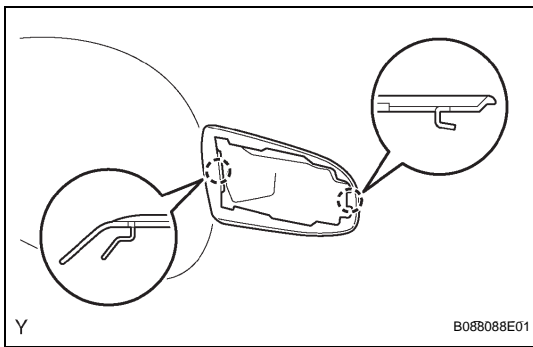
A cover should be inserted between the nut and the door panel.



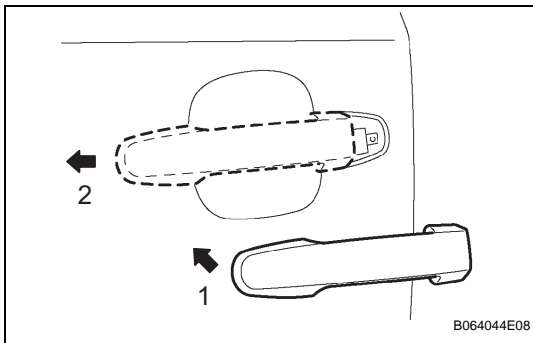
5. INSTALL FRONT DOOR OUTSIDE HANDLE ASSEMBLY LH

- (a) Engage the 3 claws and install the front door outside handle front pad.





- (b) Engage the 2 claws and install the front door outside handle rear pad.



- (c) Pushing the front door handle assembly outside LH in the direction of the arrow marks shown in the illustration, install the front door outside handle assembly LH.

6. INSTALL FRONT DOOR LOCK ASSEMBLY LH

- (a) Apply MP grease to the sliding and rotating areas of the front door lock assembly LH.

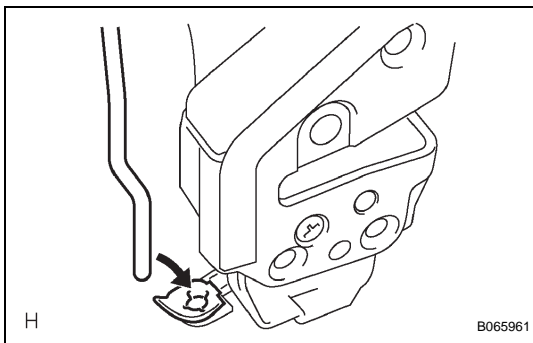
NOTICE:

- If reusing a door lock assembly that has been removed, replace the packing in the connecting part with new.
- Make sure that no grease or dirt adheres to the packing surface in the connecting part.
- Reusing removed packing or using damaged packing will allow water to penetrate through the connecting part, and will result in a malfunction of the door lock assembly.

- (b) Insert the door lock open rod into the front door lock assembly, then set it to the door panel.

NOTICE:

Make sure that the outside handle link is securely engaged with the door lock assembly.



- (c) Apply adhesive to the threads of the 3 screws.

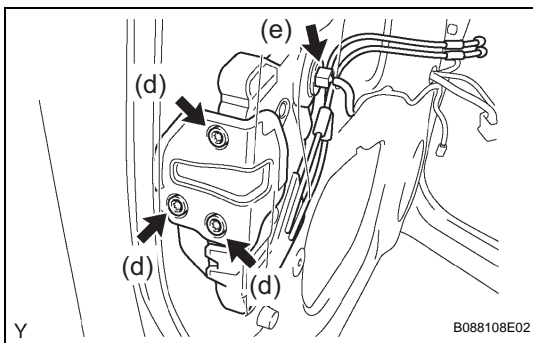
Adhesive:

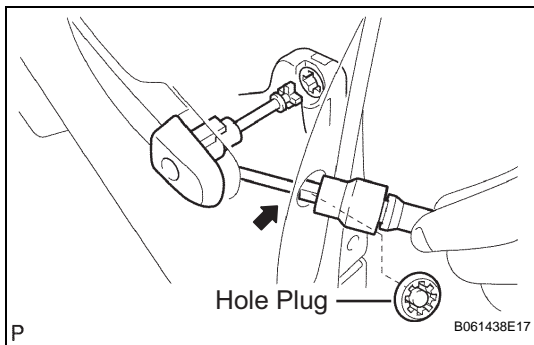
Part No. 08833-00070, THREE BOND 1324 or equivalent

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

Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf)

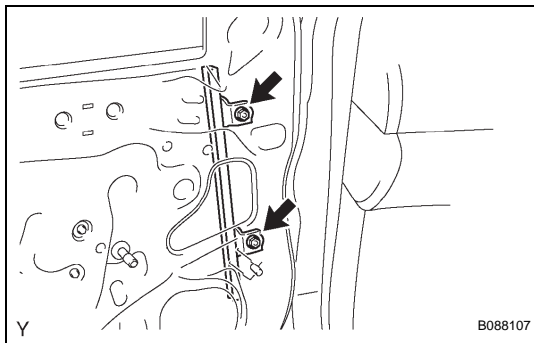
- (e) Connect the front door lock connector.





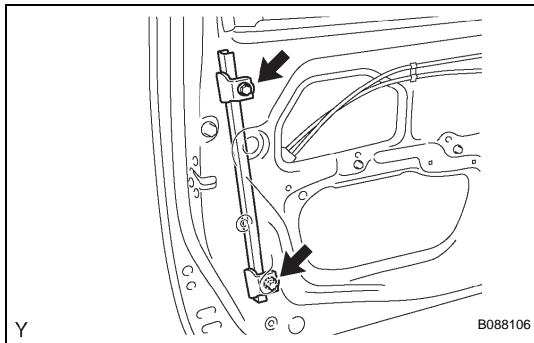
7. INSTALL FRONT DOOR OUTSIDE HANDLE COVER LH

- (a) Using a torx socket wrench T30 , install the front door outside handle cover LH with the screw.
Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)
- (b) Install the hole plug.



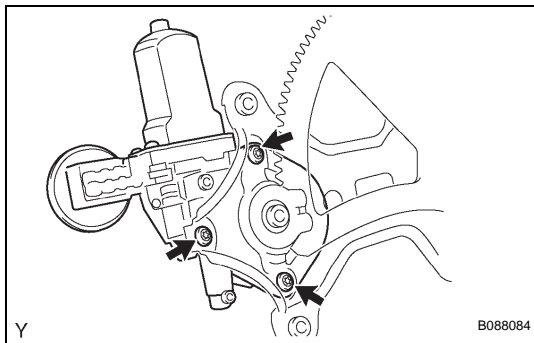
8. INSTALL FRONT DOOR FRONT LOWER FRAME SUB-ASSEMBLY LH

- (a) Install the front door front lower frame sub-assembly LH with the 2 nuts.
Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)



9. INSTALL FRONT DOOR REAR LOWER FRAME SUB-ASSEMBLY LH

- (a) Install the front door rear lower frame sub-assembly LH with the 2 bolts.
Torque: 8.0 N*m (82 kgf*cm, 70 in.*lbf)



10. INSTALL POWER WINDOW REGULATOR MOTOR ASSEMBLY LH

- (a) Align the matchmarks on the power window regulator motor gear and regulator gear.
- (b) Using a torx driver T25 , install the power window regulator motor assembly LH with the 3 screws.

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

HINT:

Never rotate the motor assembly downward until the window glass installation is complete.

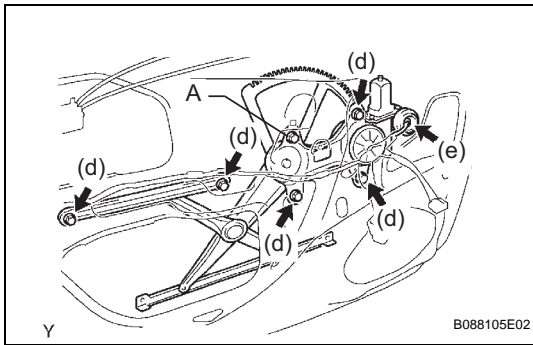
11. INSTALL FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY LH

- (a) Apply MP grease to the sliding and rotating parts of the front door window regulator assembly LH.

NOTICE:

Do not apply grease to the window regulator spring.

- (b) Loosely screw bolt A onto the front door window regulator sub-assembly LH.



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

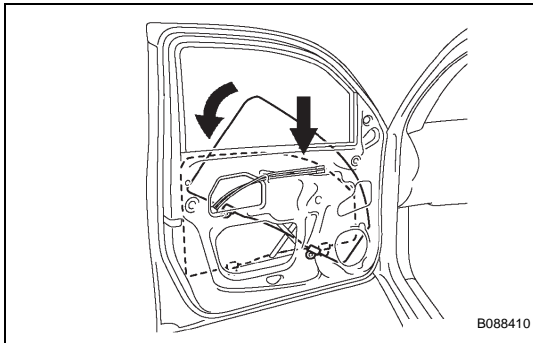
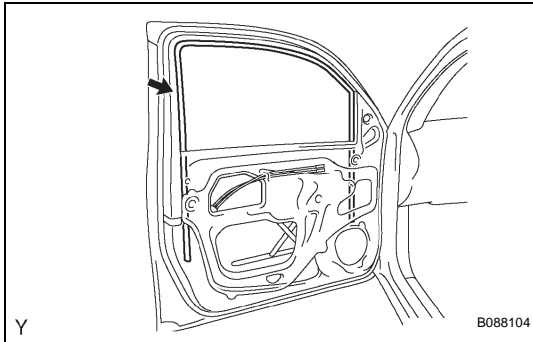
NOTICE:

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

- (d) Install the front door window regulator with the 5 bolts, and then tighten bolt A.
Torque: 11 N*m (112 kgf*cm, 8 ft.*lbf)
- (e) Connect the front door power window regulator connector.

12. INSTALL FRONT DOOR GLASS RUN LH

- (a) Install the front door glass run LH.

**13. INSTALL FRONT DOOR GLASS SUB-ASSEMBLY LH**

- (a) Insert the front door glass sub-assembly LH into the door panel along the glass run as indicated by the arrow marks in the illustration.

- (b) Install the front door glass sub-assembly LH into the front door window regulator sub-assembly LH with the 2 bolts.

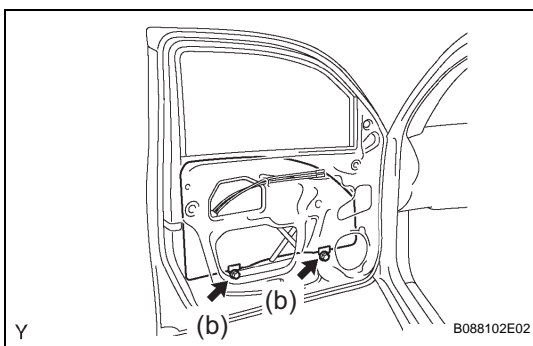
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

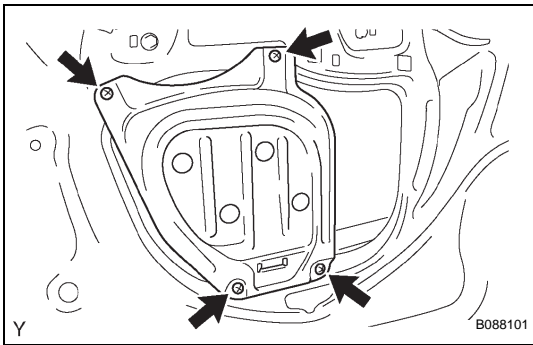
- (c) Check the operation of the power window.

HINT:

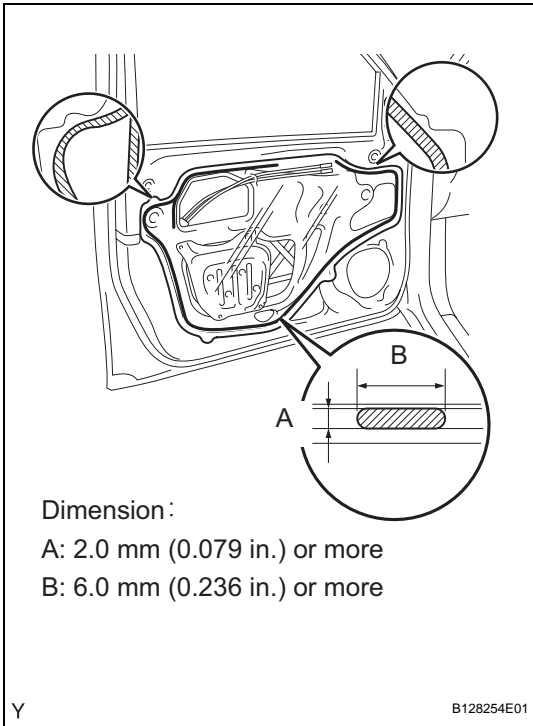
When the door glass sub-assembly is not installed at the proper installation position, adjust the regulator position manually.

- (1) Connect the power window switch to the wire harness and turn the ignition switch to ON.
- (2) Repeat UP and DOWN operations several times manually.



**14. INSTALL FRONT DOOR INSIDE PANEL PLATE LH**

- (a) Install the front door inside panel plate LH with the 4 screws.

15. INSTALL FRONT DOOR BELT MOULDING LH (See page ET-33)**16. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY LH (See page MI-10)****17. INSTALL FRONT DOOR SERVICE HOLE COVER LH**

- (a) Apply butyl tape to the door panel, then install the front door service hole cover LH as shown in the illustration.

Adhesive:

Part No. 08850-00065, Butyl Tape Set or equivalent

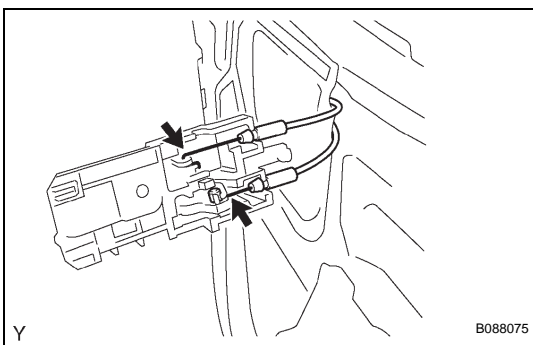
HINT:

- When installing the service hole cover, pull the links and connectors out 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 quality of the seal.

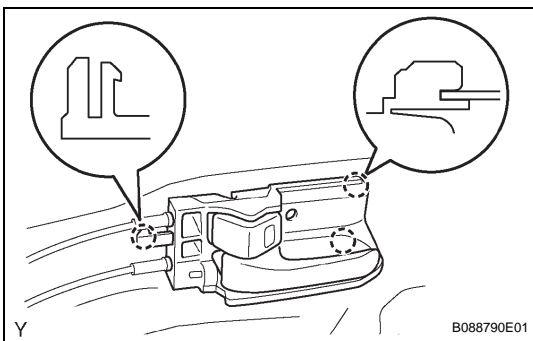
Dimension:

A: 2.0 mm (0.079 in.) or more

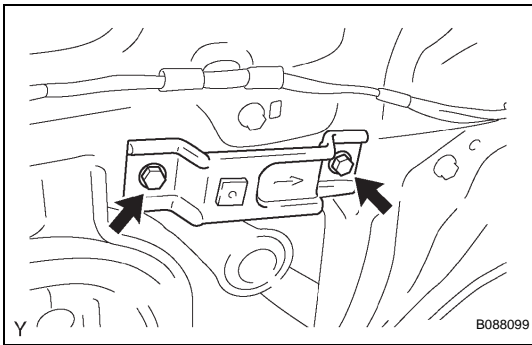
B: 6.0 mm (0.236 in.) or more

**18. INSTALL FRONT DOOR INSIDE HANDLE SUB-ASSEMBLY LH**

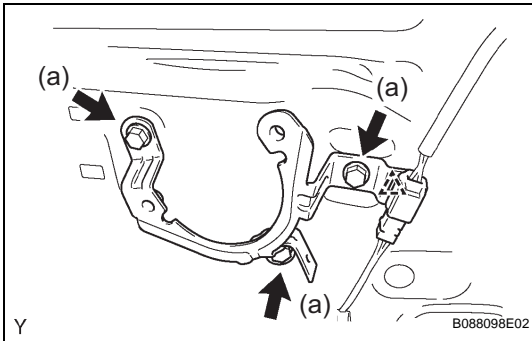
- (a) Connect the 2 cables to the front door inside handle sub-assembly LH.



- (b) Engage the 3 claws and install the front door inside handle sub-assembly LH onto the door panel.

**19. INSTALL NO. 1 DOOR TRIM BRACKET RH**

- (a) Install the No. 1 door trim bracket with the 2 screws.

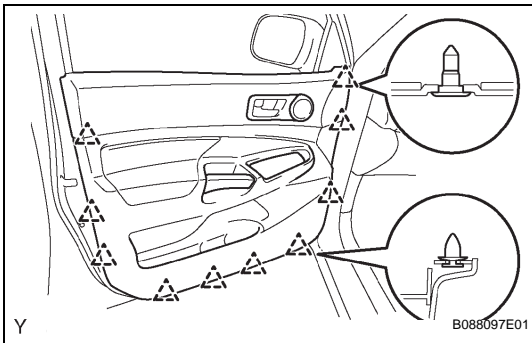
**20. INSTALL FRONT NO. 1 SPEAKER BRACKET**

- (a) Install the front No. 1 speaker bracket with the 3 screws.
 (b) Connect the wire harness clamp and connector.

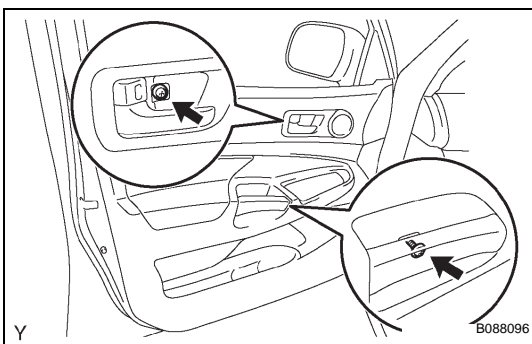
21. INSTALL FRONT NO. 2 SPEAKER ASSEMBLY (See page AV-83)**22. INSTALL FRONT NO. 1 SPEAKER ASSEMBLY**

HINT:

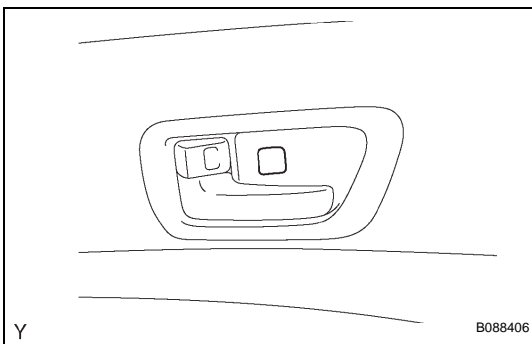
- Regular cab (See page AV-76)
- Except regular cab (See page AV-79)

**23. INSTALL FRONT DOOR TRIM PANEL ASSEMBLY LH**

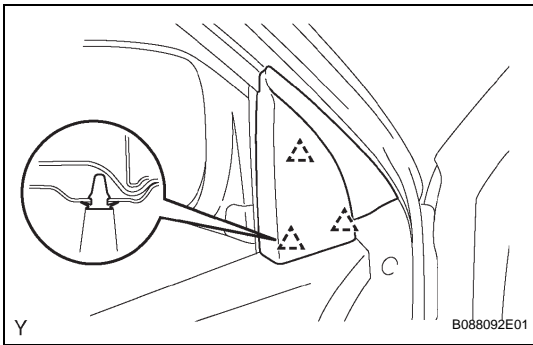
- (a) Engage the 10 clips and install the front door trim panel assembly LH.



- (b) Install the 2 screws.



- (c) Close the cover.

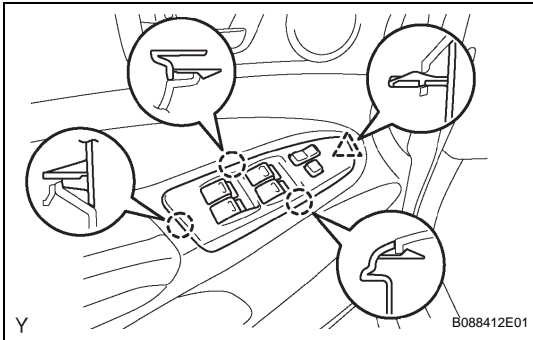


24. INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH LH

- (a) Engage the 3 clips and install the front lower frame bracket garnish LH.

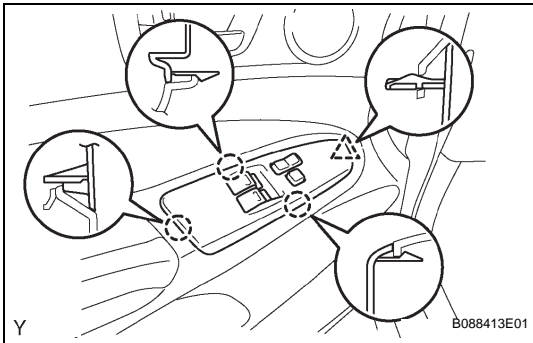
NOTICE:

Confirm that no clips remain on the door panel before the garnish is installed. Transfer any remaining clips to the garnish side before installing it. Installing the garnish with any clips remaining on the door panel side could cause the clips to drop inside the door panel.



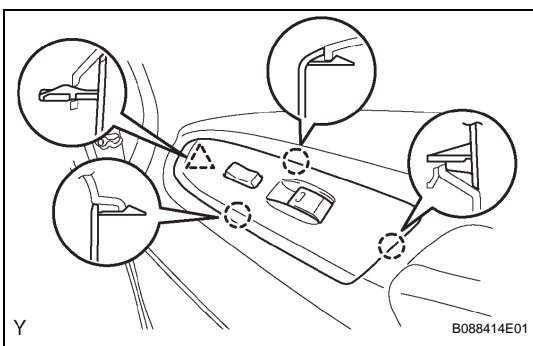
25. INSTALL POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (for Double Cab)

- (a) Connect the connector.
 (b) Engage the 3 claws and clip, and install the power window regulator master switch assembly.



26. INSTALL POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (for Access Cab)

- (a) Connect the connector.
 (b) Engage the 3 claws and clip, and install the power window regulator master switch assembly.



27. INSTALL POWER WINDOW REGULATOR SWITCH ASSEMBLY

- (a) Connect the connector.
 (b) Engage the 3 claws and clip, and install the power window regulator switch assembly.

28. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)