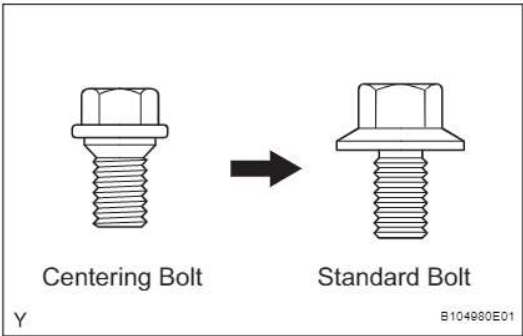


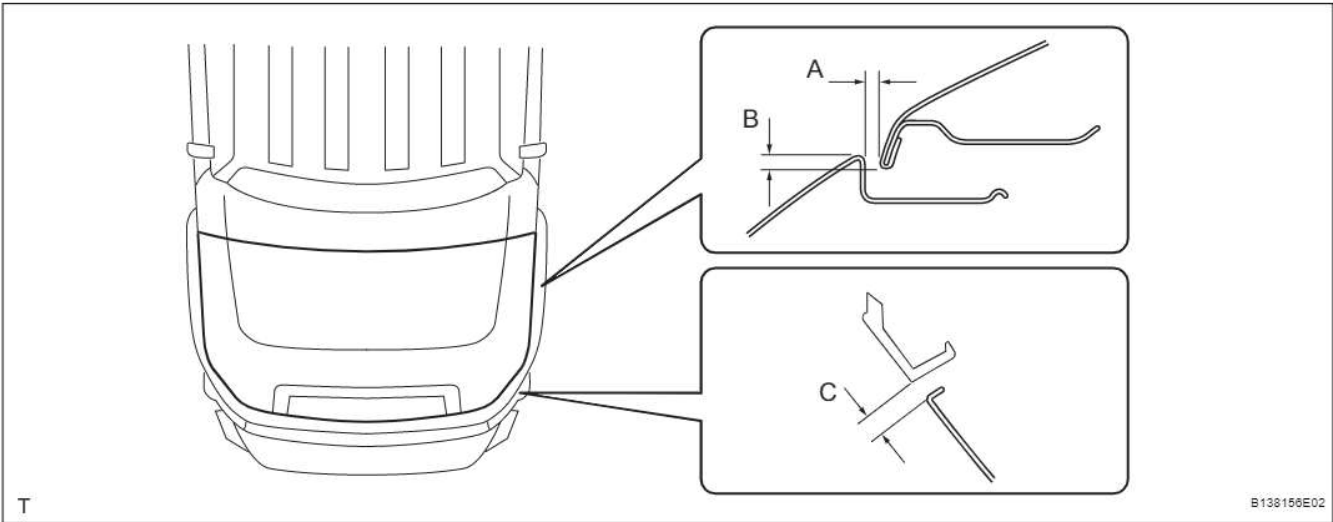


HOOD

ADJUSTMENT

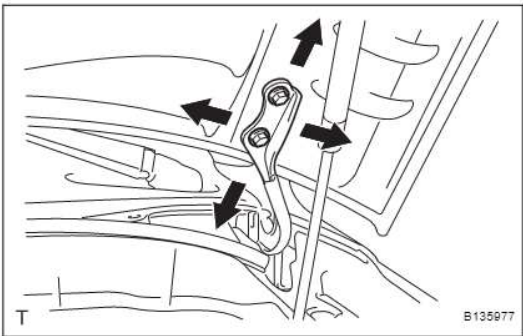
- HINT:
- Centering bolts are used to mount the hood hinge and hood lock. The hood and hood lock cannot be adjusted with the centering bolts on. Substitute standard bolts (with washers) for the centering bolts when making adjustments.
 - For bolts without torque specifications, check the standard bolt chart (see page [SS-2](#)).

1. INSPECT HOOD SUB-ASSEMBLY
- (a) Check that the clearance measurements are within the standard ranges.



Standard:

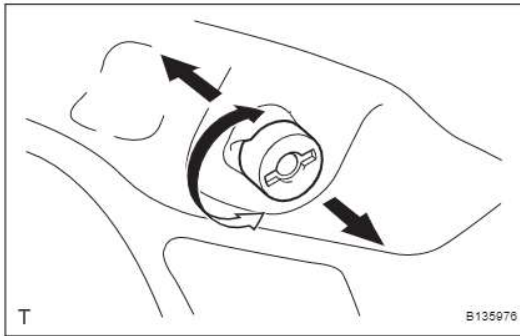
Area	Measurement
A	4 to 7 mm (0.157 to 0.276 in.)
B	1.4 to 4.4 mm (0.055 to 0.173 in.)
C	5 to 8 mm (0.197 to 0.315 in.)



2. ADJUST HOOD SUB-ASSEMBLY
- (a) Adjust the hood position.
- Loosen the 4 hinge bolts on the hood side.
 - Move the hood and adjust the clearance between the hood and front fender. Make sure that the clearance is within the standard range.
- Standard(A):**
4.0 to 7.0 mm (0.157 to 0.276 in.)
- Tighten the hood side hinge bolts after the adjustment.
- Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)**

ED-2

ENGINE HOOD / DOOR – HOOD

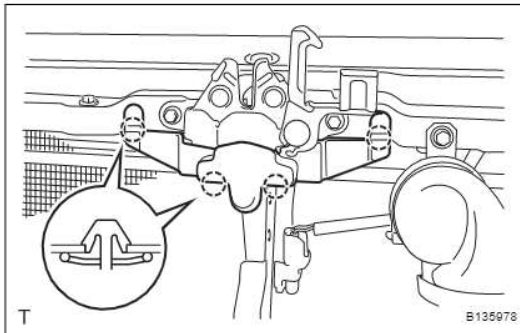


(b) Adjust the cushion rubber so that the heights of the hood and the fender are equal.

- (1) Raise or lower the hood front end by turning the cushion rubber. Make sure that the clearance is within the standard range.

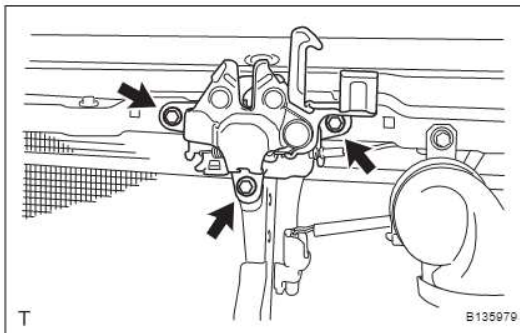
HINT:

Raise or lower the cushion rubber by turning it.

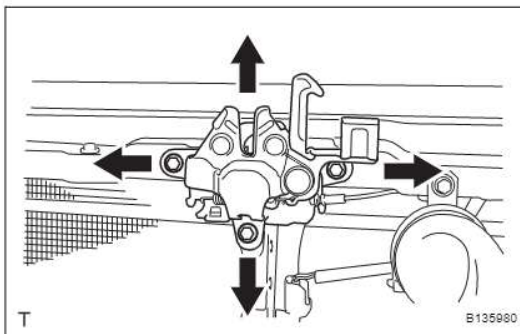


(c) Adjust the hood lock.

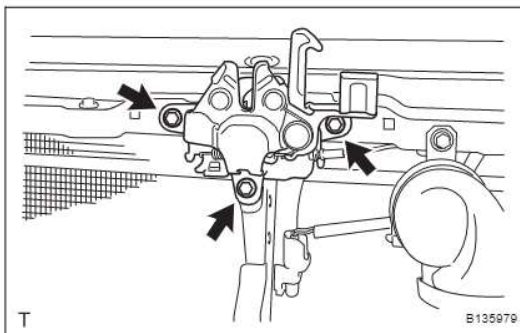
- (1) Disengage the 4 claws and remove the hood lock release lever protector.



(2) Loosen the 3 bolts.

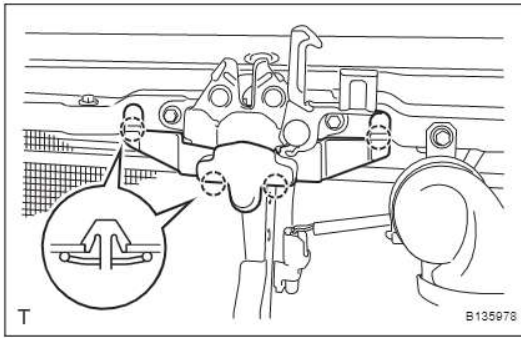


(3) Adjust the hood lock position so that the striker can enter it smoothly.



(4) Tighten the 3 bolts after the adjustment.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

ED

ENGINE HOOD / DOOR – HOOD**ED-3**

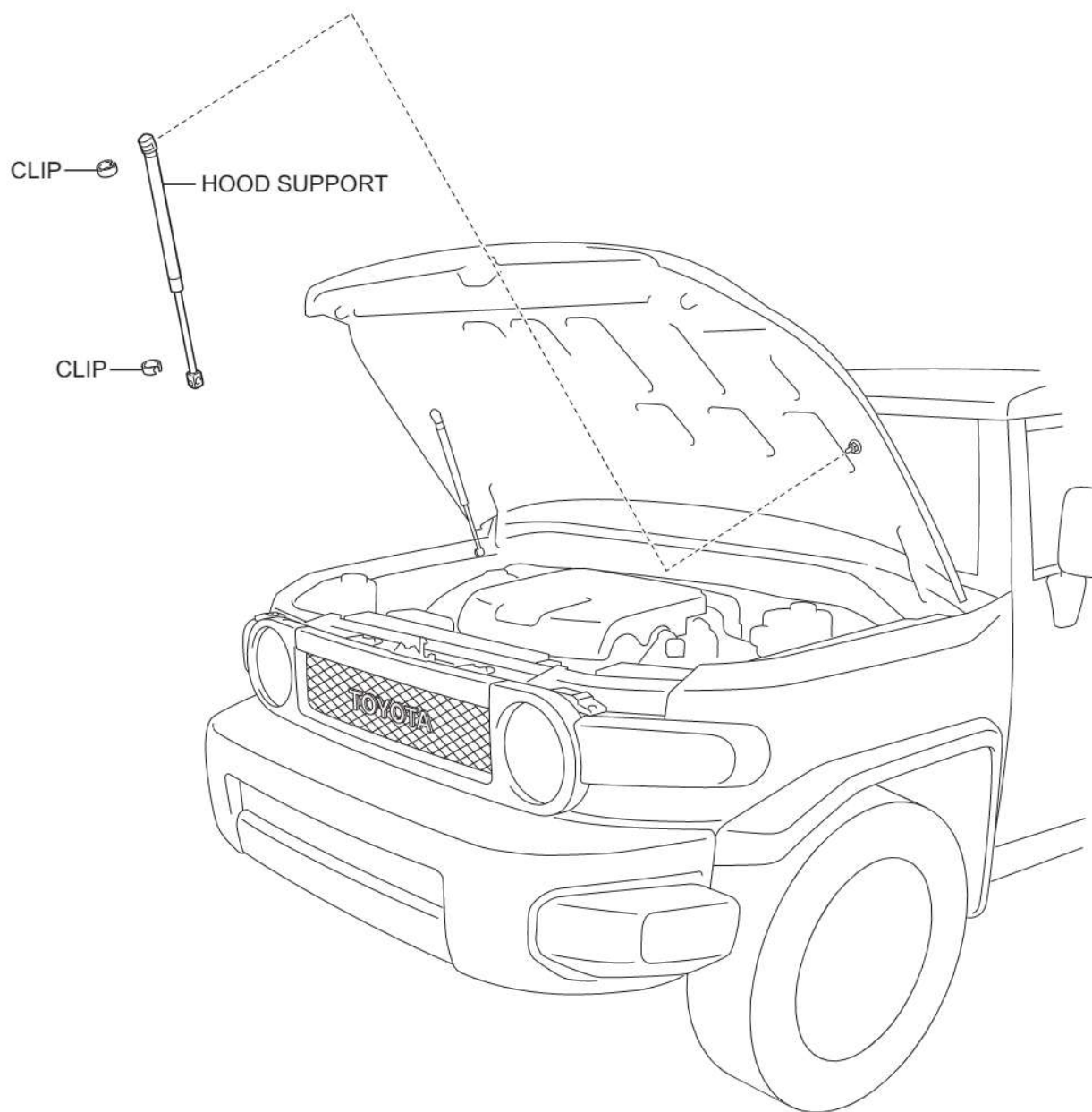
- (5) Engage the 4 claws and install the hood lock release lever protector.

ED

ED-4

ENGINE HOOD / DOOR – HOOD SUPPORT

HOOD SUPPORT COMPONENTS



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ENGINE HOOD / DOOR – HOOD SUPPORT

ED-5

REMOVAL

HINT:

- Use the same procedure for both the RH and LH sides.
- The procedure described below is for the LH side.

1. REMOVE HOOD SUPPORT

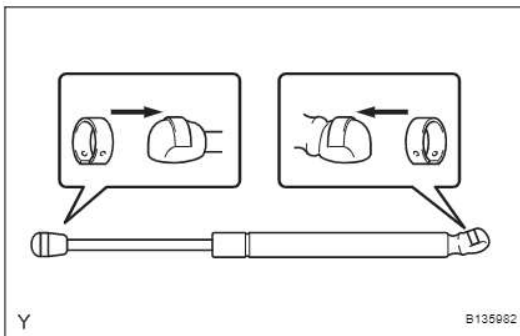
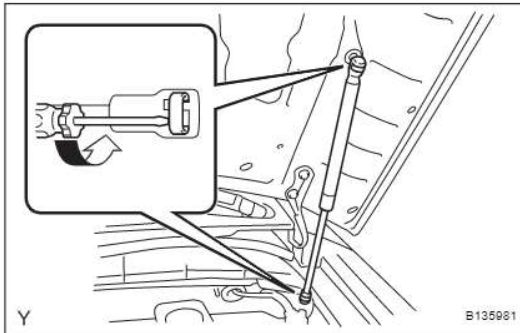
- Using a screwdriver with its tip wrapped in protective tape, remove the 2 stop rings and the hood support.

NOTICE:

- Do not touch the rod of the hood support with gloves, to avoid fibers from adhering.
- When foreign matter adheres to the rod, it prevents the rod from moving smoothly and reduces its holding power.

HINT:

Support the hood by hand while removing the hood support.



INSTALLATION

1. INSTALL HOOD SUPPORT

- Install the 2 stop rings onto the hood support.
- Install the hood support.

ED

DISPOSAL

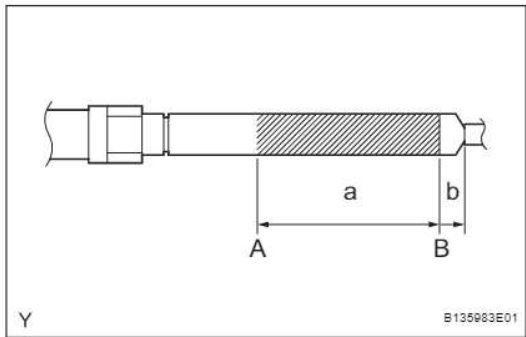
- HINT:
- Use the same procedure for both the RH and LH sides.
 - The procedure described below is for the LH side.

1. **DISPOSE OF HOOD SUPPORT**
- (a) Horizontally fix the hood support in a vise with the piston-rod pulled out.
 - (b) Wearing protective glasses, using a metal saw gradually cut the shaded part between A and B, shown in the illustration, to gradually release the gas.

Specification

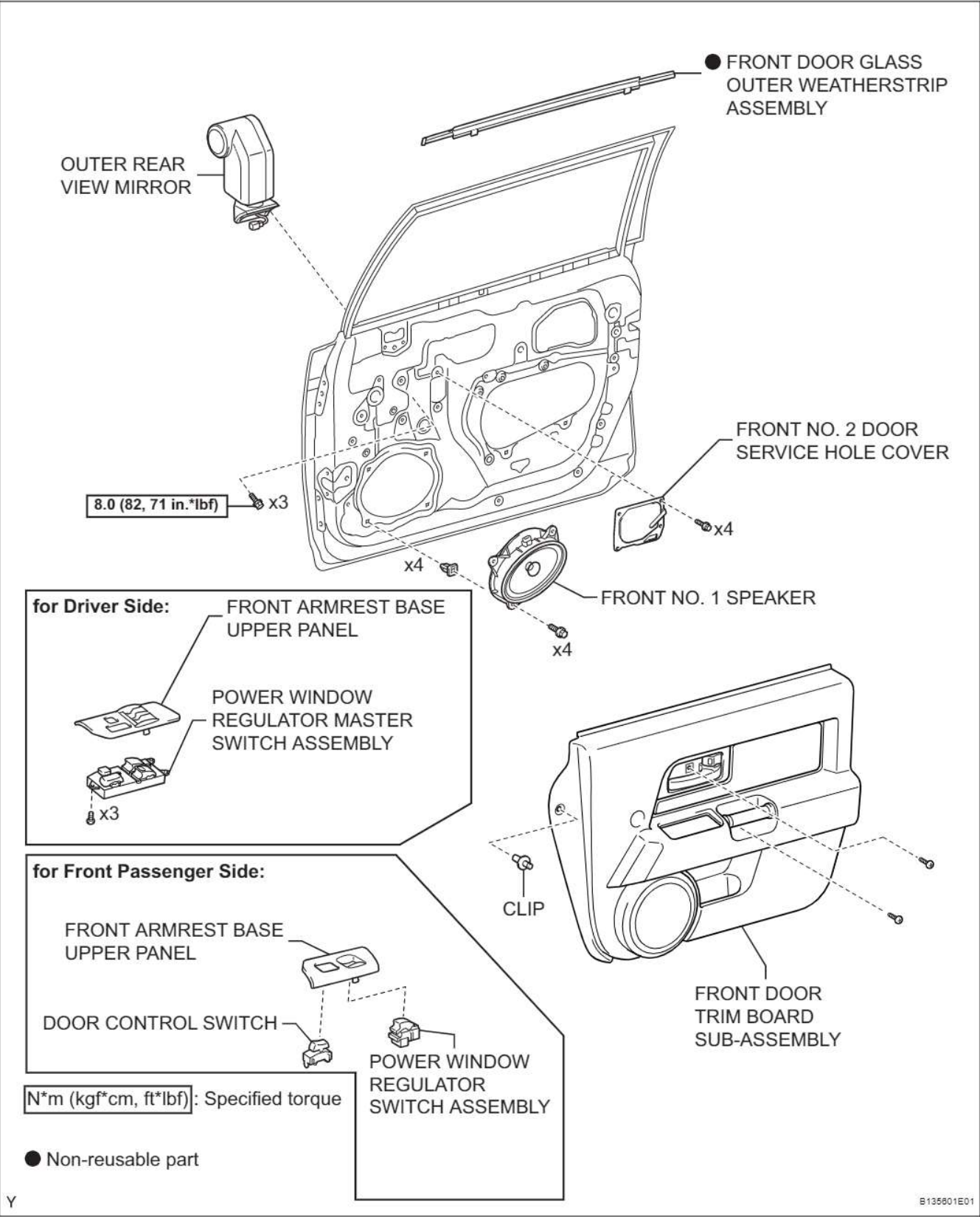
Area	Measurement
a	80 mm (3.15 in.)
b	20 mm (0.80 in.)

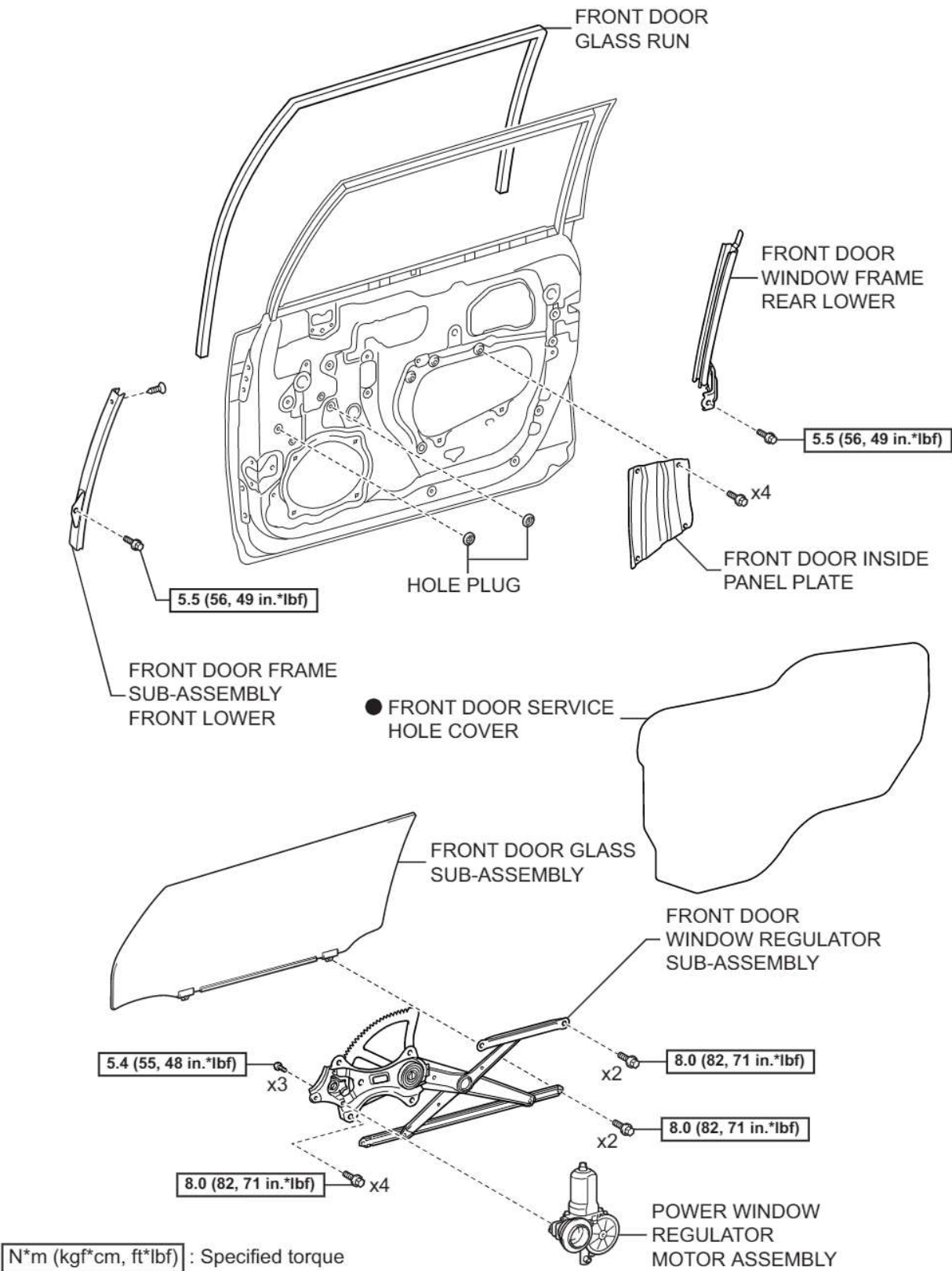
- CAUTION:**
- Cover the area that is being cut with a shop rag or a piece of cloth because there is a possibility that metal shards may be dispersed by the gas.
 - The gas is colorless, odorless and harmless.



FRONT DOOR

COMPONENTS

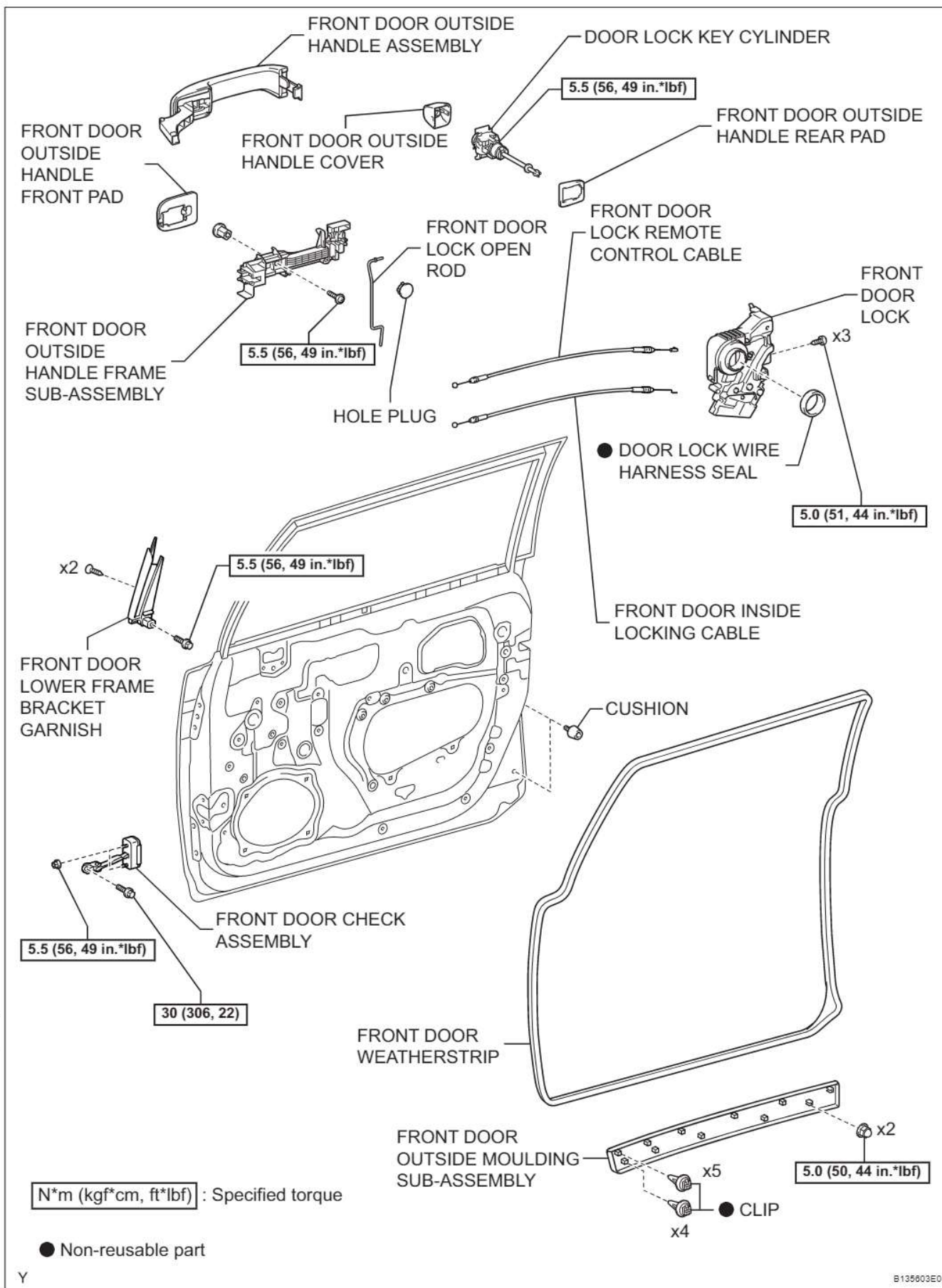




ED

ED-8

ENGINE HOOD / DOOR – FRONT DOOR



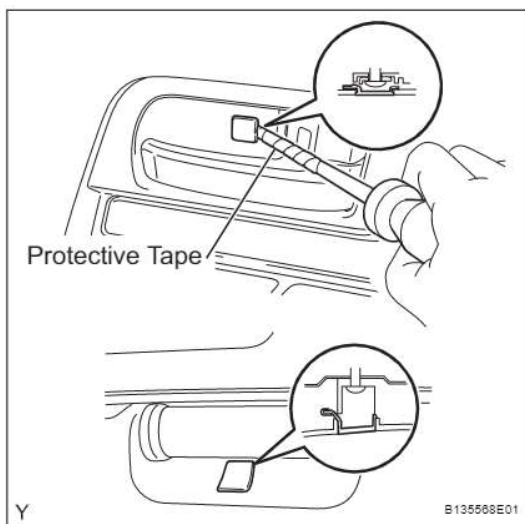
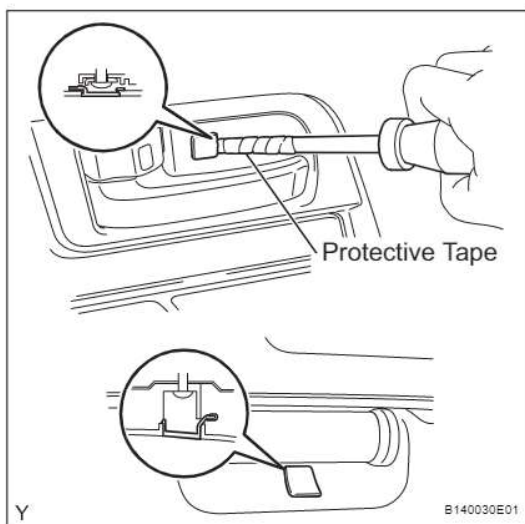
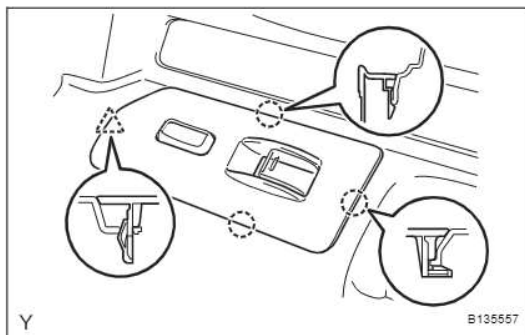
B135603E01

DISASSEMBLY

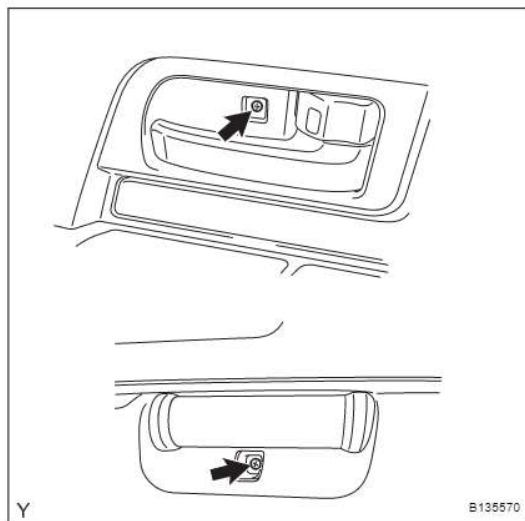
HINT:

- Use the same procedure for both the RH and LH sides.
- The procedure described below is for the RH side.

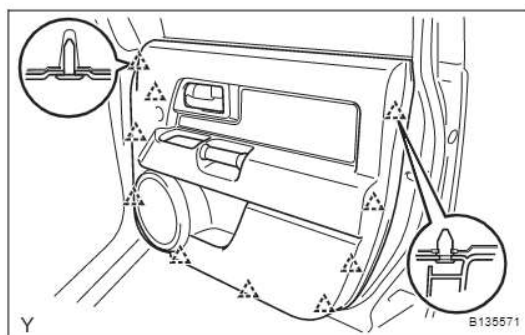
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE FRONT ARMREST BASE UPPER PANEL**
 - (a) Disengage the 3 claws and clip and remove the front armrest base upper panel.
 - (b) Disconnect the connector.
3. **REMOVE POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (for Driver Side) (See page [WS-25](#))**
4. **REMOVE POWER WINDOW REGULATOR SWITCH ASSEMBLY (for Front Passenger Side) (See page [WS-29](#))**
5. **REMOVE DOOR CONTROL SWITCH (for Front Passenger Side) (See page [DL-93](#))**
6. **REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY**
 - (a) for LH side:
Using a screwdriver with its tip wrapped in protective tape, open the 2 covers.



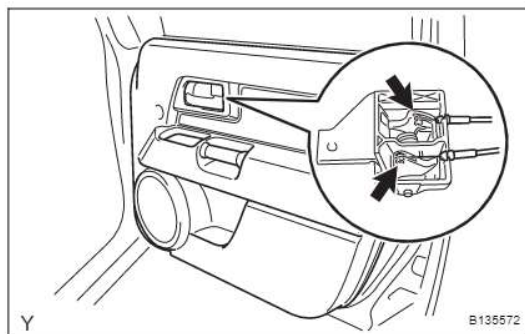
- (b) for RH side:
Using a screwdriver with its tip wrapped in protective tape, open the 2 covers.

ED-10**ENGINE HOOD / DOOR – FRONT DOOR**

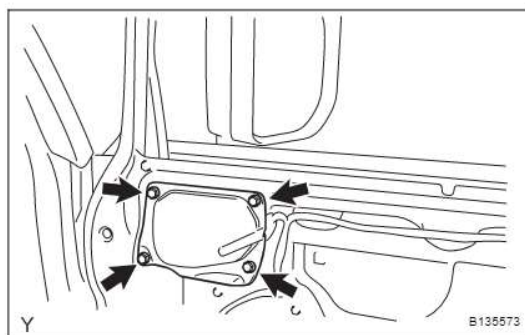
(c) Remove the 2 screws.



(d) Disengage the 10 clips.



(e) Disconnect the front door lock remote control cable and front door inside locking cable and remove the front door trim board.



7. REMOVE FRONT NO.2 DOOR SERVICE HOLE COVER

(a) Remove the 4 screws and front No. 2 door service hole cover.

8. REMOVE OUTER REAR VIEW MIRROR

HINT:

Use the same procedure as for the LH side (see page [MI-8](#)).

9. REMOVE FRONT DOOR GLASS OUTER WEATHERSTRIP ASSEMBLY

HINT:

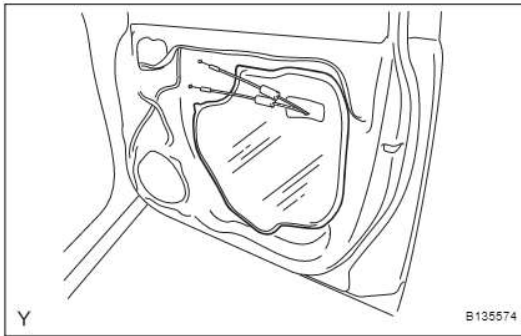
Use the same procedure as for the LH side (see page [ET-39](#)).

10. REMOVE FRONT NO. 1 SPEAKER (See page [AV-58](#))

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ENGINE HOOD / DOOR – FRONT DOOR

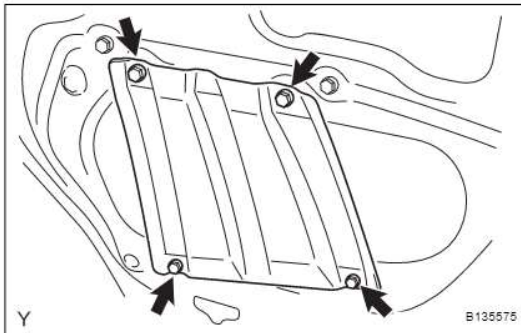
ED-11

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

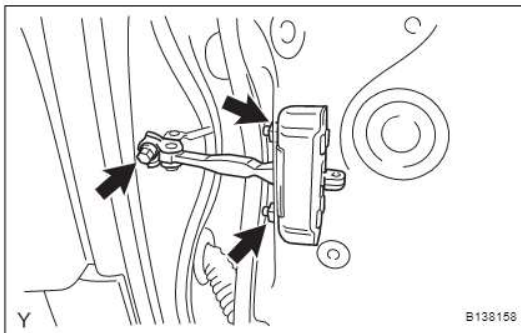
- (a) Remove the front door service hole cover.

NOTICE:

Remove any tape remaining on the door side.

**12. REMOVE FRONT DOOR INSIDE PANEL PLATE**

- (a) Remove the 4 screws and the front door inside panel plate.

**13. REMOVE FRONT DOOR CHECK ASSEMBLY**

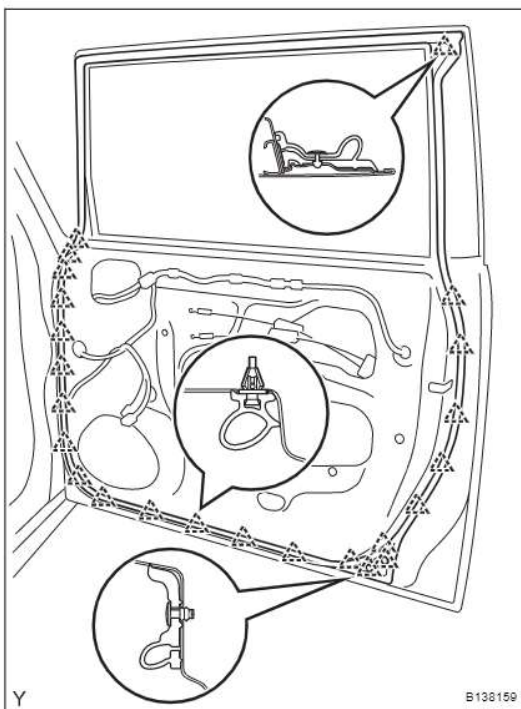
- (a) Remove the 2 nuts and bolt, then remove the front door check.

NOTICE:

Do not drop or damage the door check when removing the bolts.

HINT:

Remove the door check through the service hole.

**14. REMOVE FRONT DOOR WEATHERSTRIP**

- (a) Disengage the 24 clips and remove the front door weatherstrip.

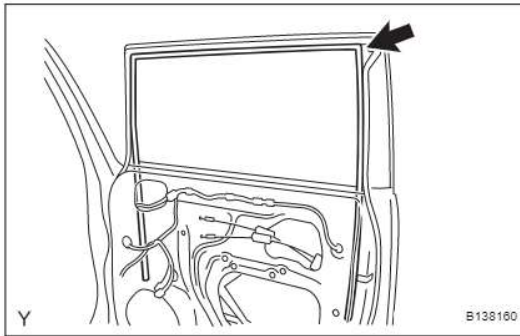
NOTICE:

Remove any tape remaining on the door side.

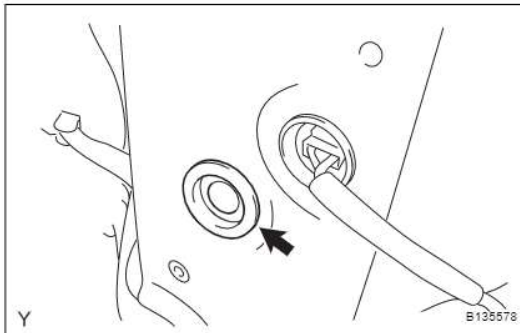
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ED-12

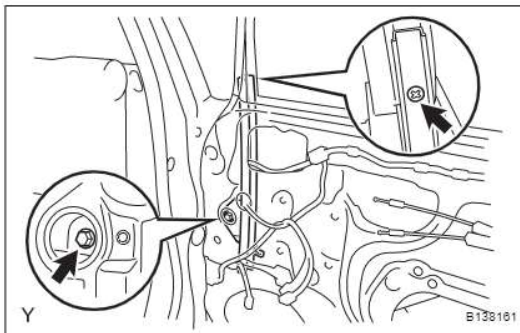
ENGINE HOOD / DOOR – FRONT DOOR

**15. REMOVE FRONT DOOR GLASS RUN**

- (a) Remove the front door glass run.

**16. REMOVE FRONT DOOR FRAME SUB-ASSEMBLY FRONT LOWER**

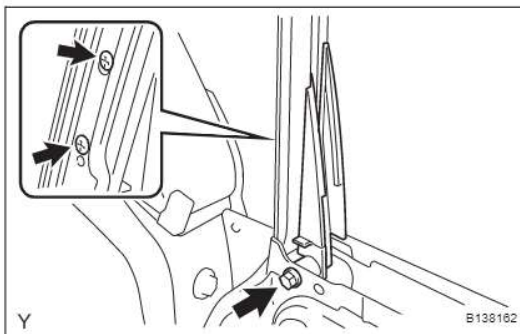
- (a) Remove the hole plug.



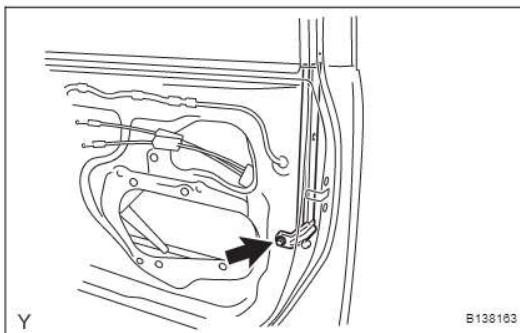
- (b) Remove the bolt and screw, then remove the front door frame sub-assembly front lower.

NOTICE:

Do not drop or damage the front door frame sub-assembly front lower when removing the bolt and screw.

**17. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH**

- (a) Remove the bolt and the 2 screws and remove front door lower frame bracket garnish.

**18. REMOVE FRONT DOOR WINDOW FRAME REAR LOWER**

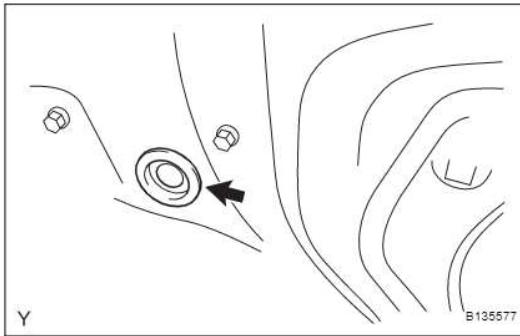
- (a) Remove the bolt, then remove the front door window frame rear lower.

NOTICE:

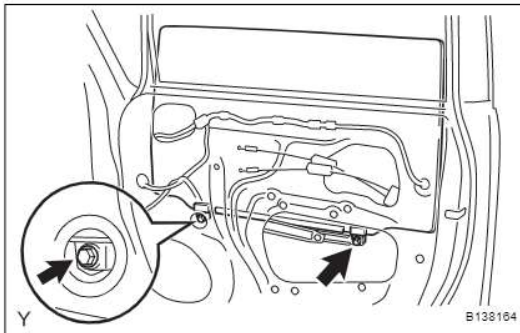
Do not drop or damage the front door window frame rear lower when removing the bolt.

ENGINE HOOD / DOOR – FRONT DOOR

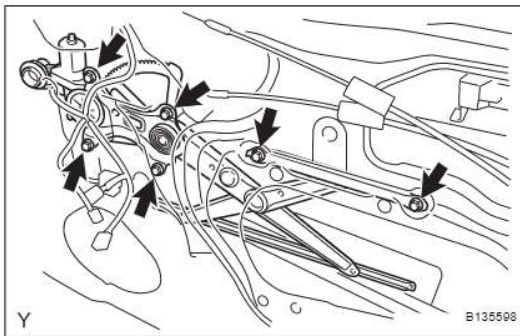
ED-13

**19. REMOVE FRONT DOOR GLASS SUB-ASSEMBLY**

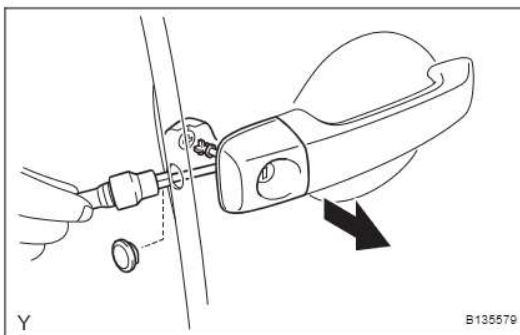
- (a) Remove the hole plug.
 - (b) Driver side:
Provisionally install the power window regulator master switch.
 - (c) Passenger side:
Provisionally install the power window regulator switch.
 - (d) Move the front door glass until the 2 bolts can be seen through the service holes.
 - (e) Remove the 2 bolts.
 - (f) Pull the door glass upward to remove it.
- NOTICE:**
Do not damage the glass.
- (g) Driver side:
Remove the power window regulator master switch.
 - (h) Passenger side:
Remove the power window regulator switch.

**20. REMOVE FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY**

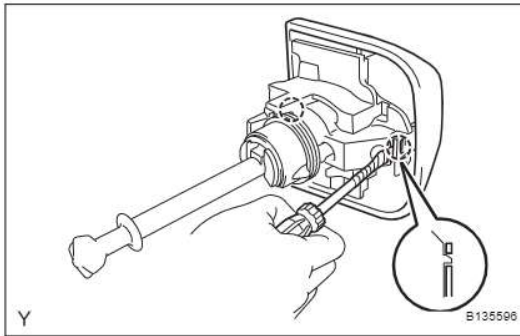
- (a) Disconnect the connector.
 - (b) Remove the 6 bolts, then remove the front door window regulator.
- NOTICE:**
Do not drop or damage the front door window regulator.
- HINT:**
Remove the window regulator through the service hole.

**21. REMOVE POWER WINDOW REGULATOR MOTOR ASSEMBLY (See page WS-35)****22. REMOVE FRONT DOOR OUTSIDE HANDLE COVER**

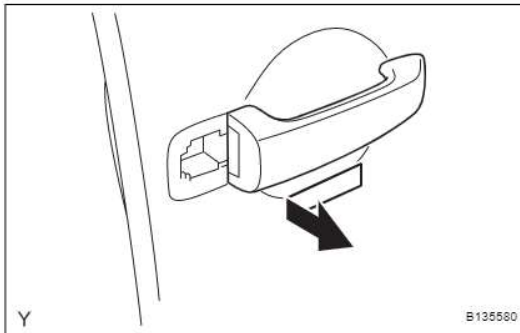
- (a) Remove the hole plug.
- (b) Using "Torx" socket wrench T30, loosen the screw and remove the cover with the door lock key cylinder installed.



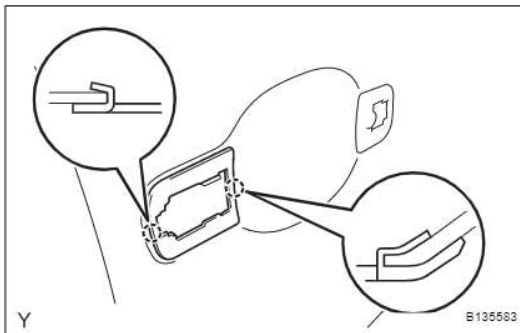
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ED-14**ENGINE HOOD / DOOR – FRONT DOOR**

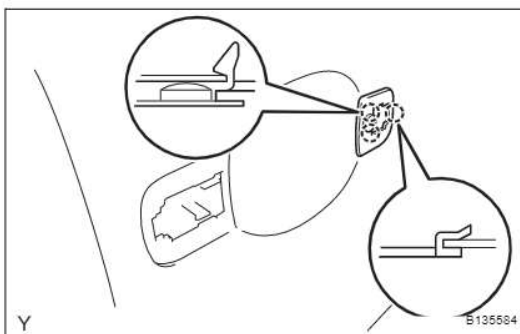
- (c) Using a screwdriver with its tip wrapped in protective tape, disengage the 2 claws and remove the front door outside handle cover.

23. REMOVE FRONT DOOR LOCK (See page [DL-109](#))**24. REMOVE FRONT DOOR OUTSIDE HANDLE ASSEMBLY**

- (a) Remove the handle by sliding and pulling it in the direction indicated by the arrow mark in the illustration.

**25. REMOVE FRONT DOOR OUTSIDE HANDLE REAR PAD**

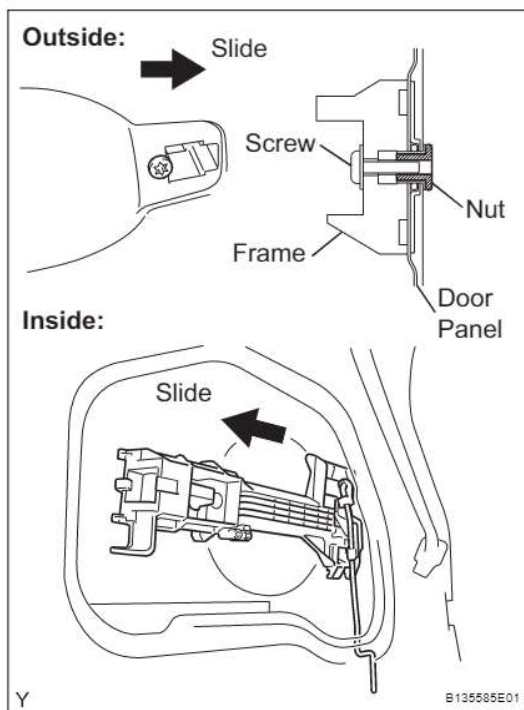
- (a) Disengage the 2 claws and remove the front door outside handle rear pad.

**26. REMOVE FRONT DOOR OUTSIDE HANDLE FRONT PAD**

- (a) Disengage the 3 claws and remove the front door outside handle front pad.

ENGINE HOOD / DOOR – FRONT DOOR

ED-15

**27. REMOVE FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY**

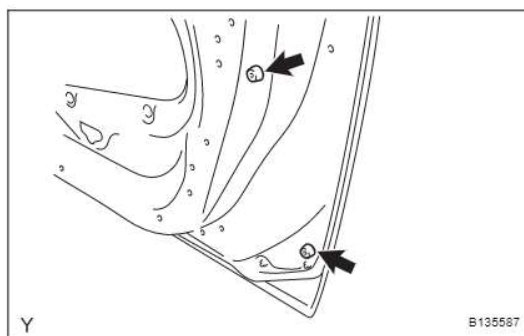
- Using "Torx" socket wrench T30, loosen the screw.
- Slide the front door outside handle frame to remove it.

HINT:

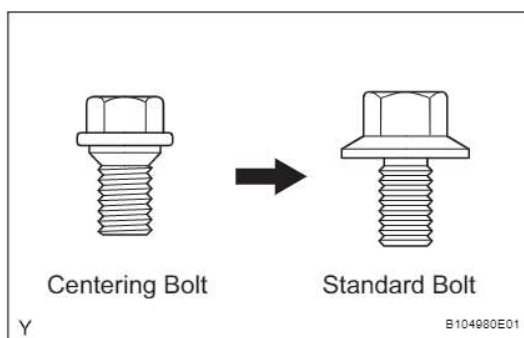
Remove the front door outside handle frame through the service hole.

28. REMOVE FRONT DOOR OUTSIDE MOULDING SUB-ASSEMBLY**HINT:**

Use the same procedure as for the LH side (see page [ET-69](#)).

**29. REMOVE CUSHION**

- Remove the 2 cushions.

**ADJUSTMENT****HINT:**

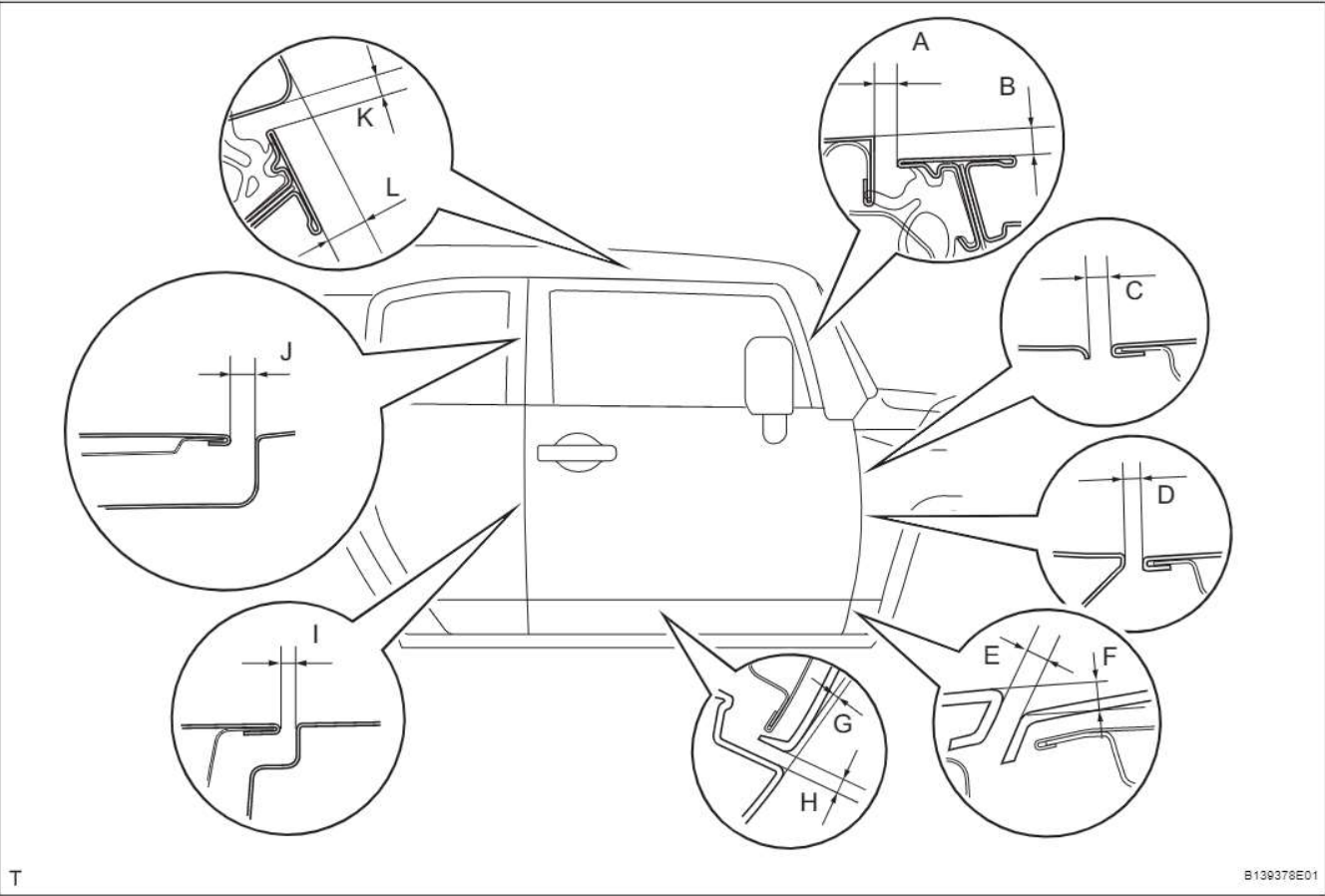
- Before adjusting the door position on vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the battery. After the adjustment, inspect the SRS warning light, the side airbag system and the curtain shield airbag system for normal operation. Then initialize both airbag systems.
- Use the same procedure for the RH and LH sides.
- The procedures described below are for the RH side.
- Centering bolts are used to mount the door hinge onto the vehicle body and door. The door cannot be adjusted with the centering bolts on. Substitute 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](#)).

ED

ED-16

ENGINE HOOD / DOOR – FRONT DOOR

1. INSPECT FRONT DOOR
- (a) Check that the clearance measurements are within the standard ranges.



Standard

Area	Measurement	Area	Measurement
A	4.1 to 7.1 mm (0.161 to 0.280 in.)	G	1.1 to 4.1 mm (0.043 to 0.161 in.)
B	4.4 to 7.4 mm (0.173 to 0.291 in.)	H	4.3 to 7.3 mm (0.169 to 0.287 in.)
C	4 to 7 mm (0.157 to 0.276 in.)	I	3.5 to 6.5 mm (0.138 to 0.256 in.)
D	4 to 7 mm (0.157 to 0.276 in.)	J	4.6 to 7.6 mm (0.181 to 0.299 in.)
E	5.2 to 8.2 mm (0.205 to 0.323 in.)	K	4.2 to 7.2 mm (0.165 to 0.283 in.)
F	5.9 to 8.9 mm (0.232 to 0.350 in.)	L	9 to 12 mm (0.354 to 0.472 in.)

ENGINE HOOD / DOOR – FRONT DOOR

ED-17

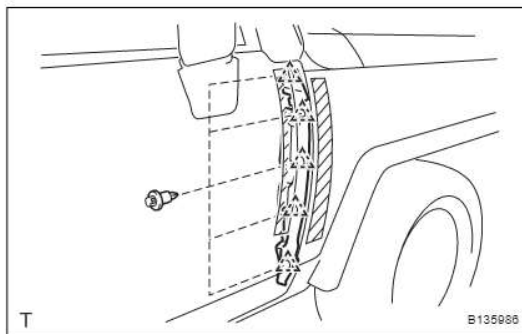
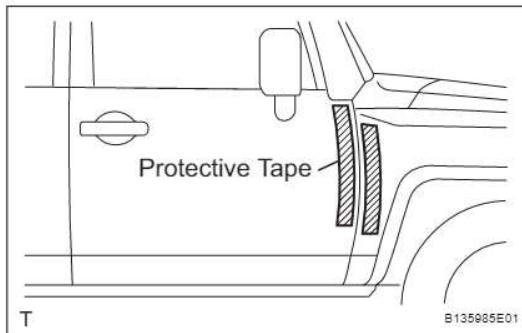
2. ADJUST FRONT DOOR

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

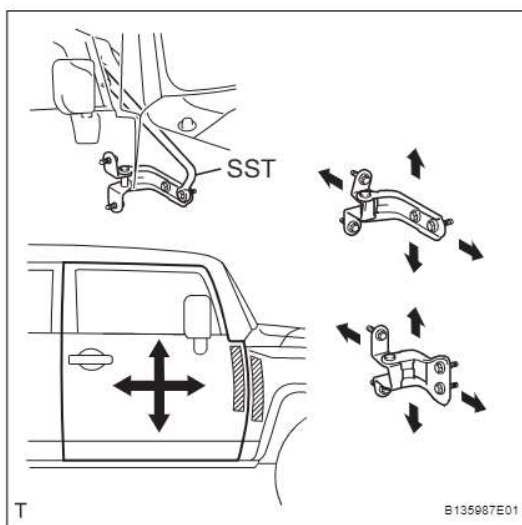
CAUTION:

The 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 the 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 5 clips.
HINT:
 If any clips are damaged, replace them with new ones.
- (d) Remove the front fender splash shield 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

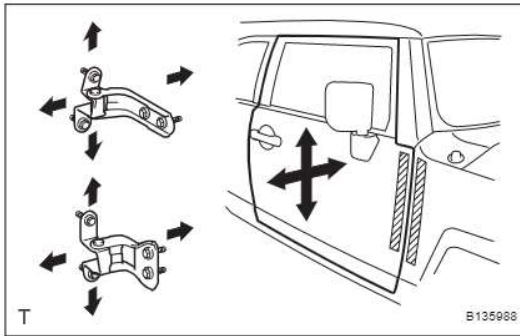
- (f) Tighten the body side hinge bolts after the adjustment.

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

ED

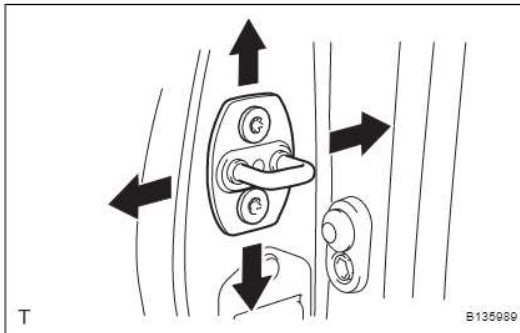
ED-18

ENGINE HOOD / DOOR – FRONT DOOR



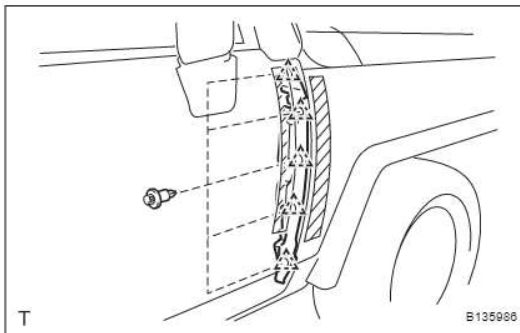
- (g) Adjust the door horizontally and vertically by loosening the door side hinge bolts.
- (h) Tighten the door side hinge bolts after the adjustment.

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



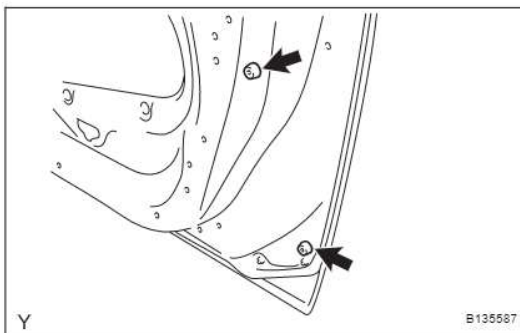
- (i) Using "Torx" socket wrench T40, adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (j) Using "Torx" socket wrench T40, tighten the striker mounting screws after the adjustment.

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



- (k) Install the front fender splash shield with the 5 clips.
- (l) Connect the cable to the negative battery terminal.

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



REASSEMBLY

1. INSTALL CUSHION

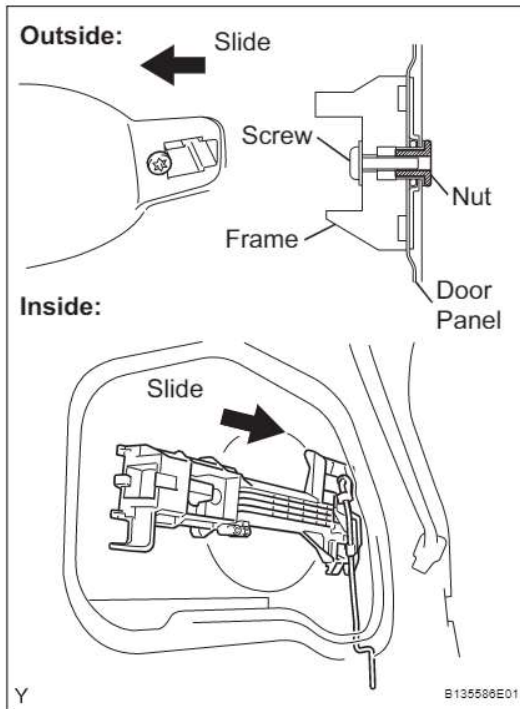
- (a) Install the 2 cushions.

2. INSTALL FRONT DOOR OUTSIDE MOULDING SUB-ASSEMBLY

HINT:

Use the same procedure as for the LH side (see page [ET-75](#)).

ENGINE HOOD / DOOR – FRONT DOOR



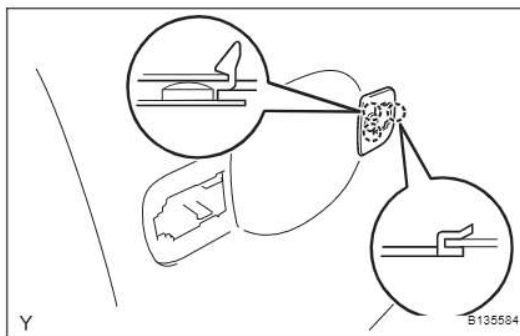
3. INSTALL FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY

- (a) Using "Torx" socket wrench T30, install the front door outside handle frame with the screw.

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

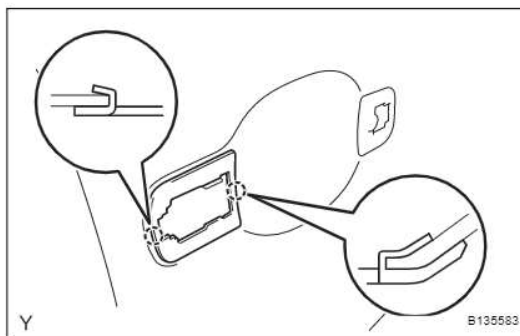
NOTICE:

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



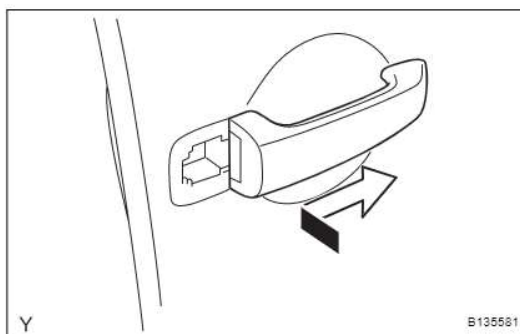
4. INSTALL FRONT DOOR OUTSIDE HANDLE FRONT PAD

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



5. INSTALL FRONT DOOR OUTSIDE HANDLE REAR PAD

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



6. INSTALL FRONT DOOR OUTSIDE HANDLE ASSEMBLY

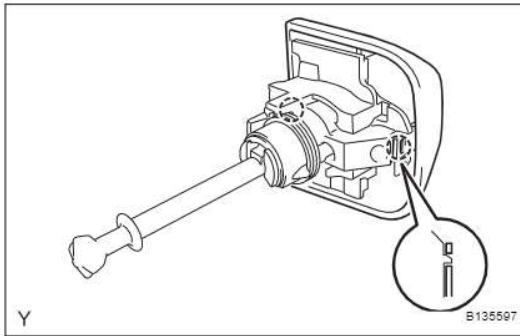
- (a) While pushing the front door outside handle in the direction of the arrow mark shown in the illustration, install the front door outside handle.

7. INSTALL FRONT DOOR LOCK (See page [DL-112](#))

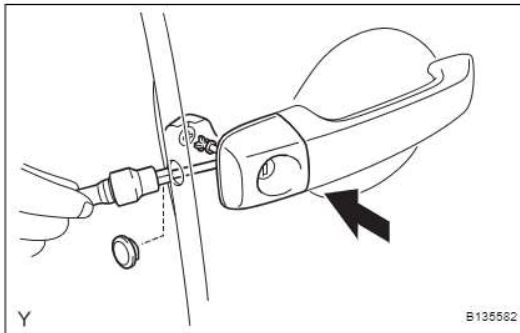
ED

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ENGINE HOOD / DOOR – FRONT DOOR

**8. INSTALL FRONT DOOR OUTSIDE HANDLE COVER**

- (a) Engage the 2 claws and install the front door outside handle cover.



- (b) Using "Torx" socket wrench T30, install the cover with the door lock key cylinder.

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

HINT:

Make sure that the door lock key cylinder rod is inserted.

- (c) Install the hole plug.

9. INSTALL POWER WINDOW REGULATOR MOTOR ASSEMBLY (See page [WS-35](#))**10. INSTALL FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY**

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

NOTICE:

Do not apply grease to the window regulator spring.

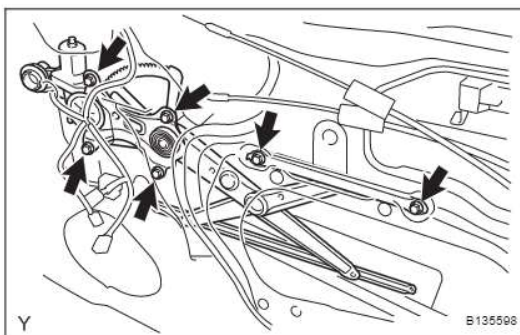
- (b) Install the front door window regulator with the 6 bolts.

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

NOTICE:

Do not drop the window regulator as it may be damaged.

- (c) Connect the connector.

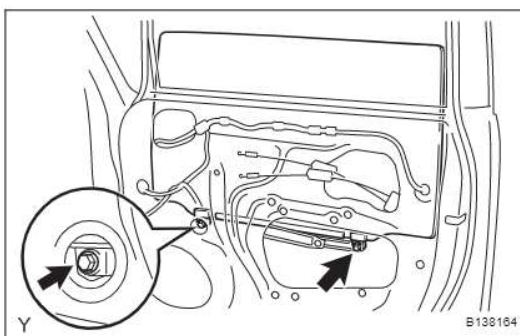
**11. INSTALL FRONT DOOR GLASS SUB-ASSEMBLY**

- (a) Install the front door glass onto the front door window regulator with the 2 bolts.

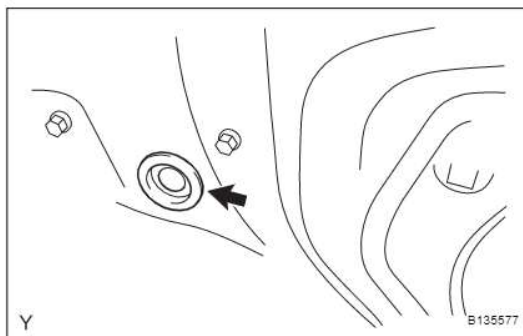
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

NOTICE:

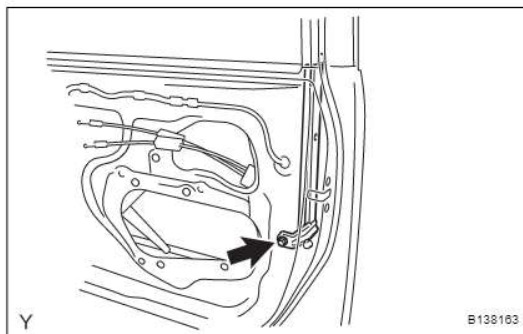
Do not damage the glass.



ED

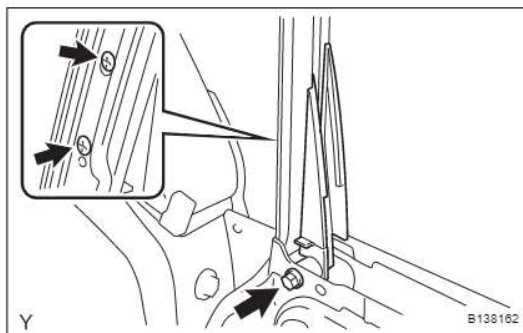
ENGINE HOOD / DOOR – FRONT DOOR

(b) Install the hole plug.



12. INSTALL FRONT DOOR WINDOW FRAME REAR LOWER

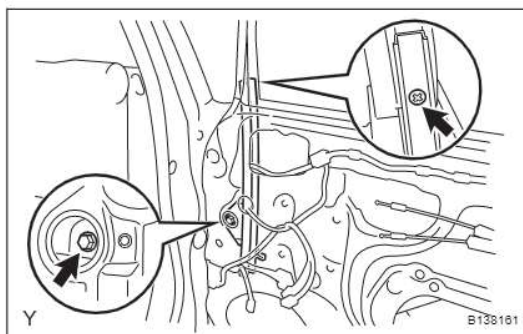
(a) Install the front door window frame rear lower, and temporarily tighten the bolt.



13. INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH

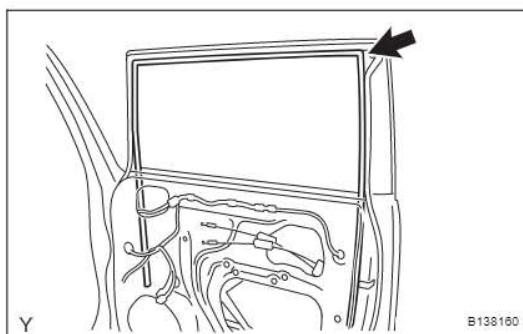
(a) Install the front door lower frame bracket garnish with the bolt and 2 screws.

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



14. INSTALL FRONT DOOR FRAME SUB-ASSEMBLY FRONT LOWER

(a) Install the front door frame sub-assembly front lower with the screw.
(b) Temporarily tighten the bolt.



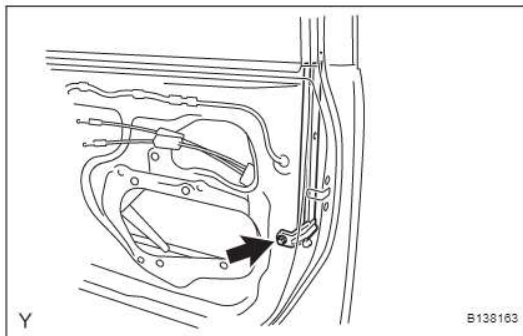
15. INSTALL FRONT DOOR GLASS RUN

(a) Install the front door glass run.

ED

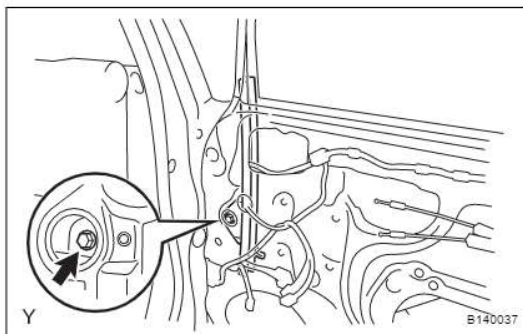
ED-22

ENGINE HOOD / DOOR – FRONT DOOR



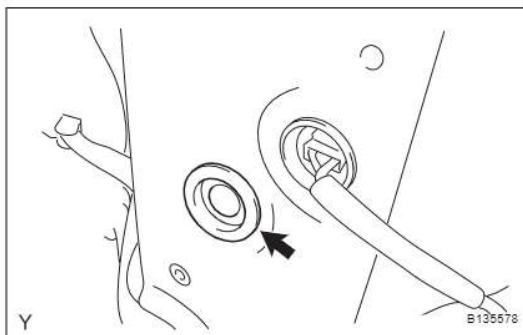
- (b) Tighten the front door window frame rear lower to the specified torque with the bolt.

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

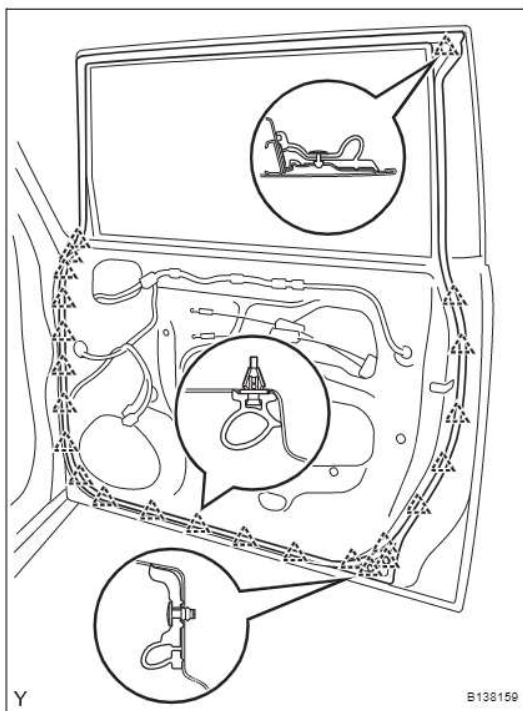


- (c) Tighten the front door frame sub-assembly front lower to the specified torque with the bolt.

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



- (d) Install the hole plug.



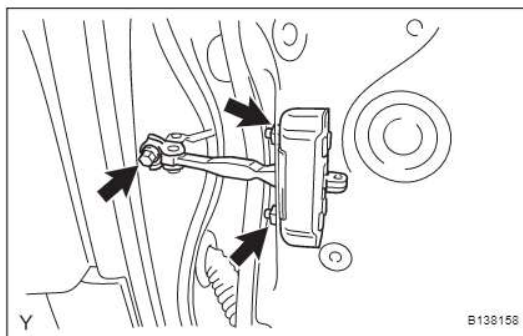
16. INSTALL FRONT DOOR WEATHERSTRIP

- (a) Install the front door weatherstrip.

ED

ENGINE HOOD / DOOR – FRONT DOOR

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**17. INSTALL FRONT DOOR CHECK ASSEMBLY**

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

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

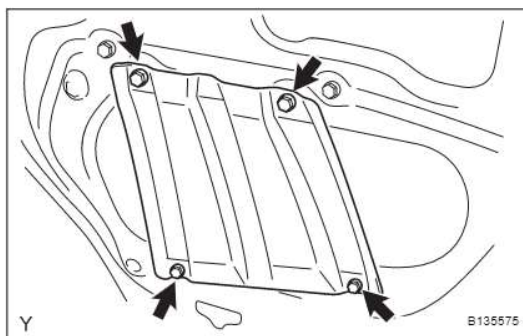
- (c) Apply adhesive to the threads of the bolt.

Adhesive:

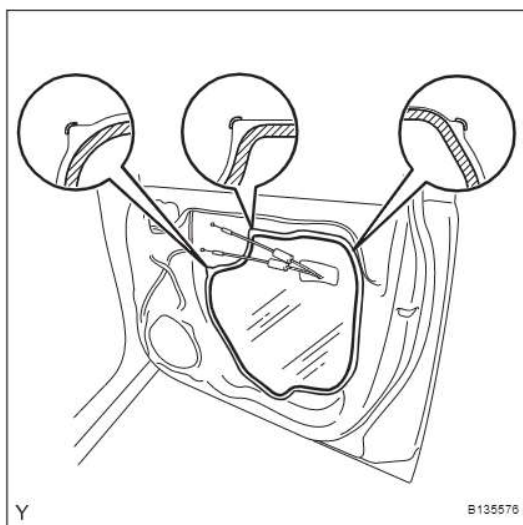
Toyota Genuine Adhesive 1324, Three Bond 1324 or the equivalent.

- (d) Install the front door check onto the body panel with the bolt.

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

**18. INSTALL FRONT DOOR INSIDE PANEL PLATE**

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

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

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

HINT:

- When installing the service hole cover, pull the links out through service hole.
- 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.

20. INSTALL FRONT NO. 1 SPEAKER (See page [AV-59](#))**21. INSTALL FRONT DOOR GLASS OUTER WEATHERSTRIP ASSEMBLY**

HINT:

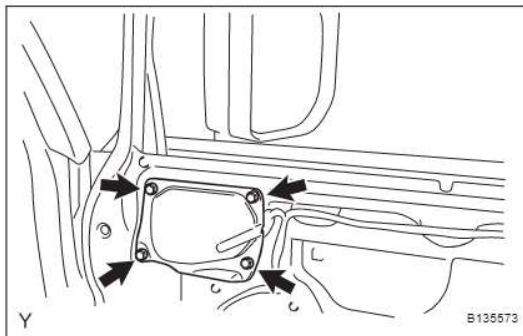
Use the same procedure as for the LH side (see page [ET-40](#)).

22. INSTALL OUTER REAR VIEW MIRROR

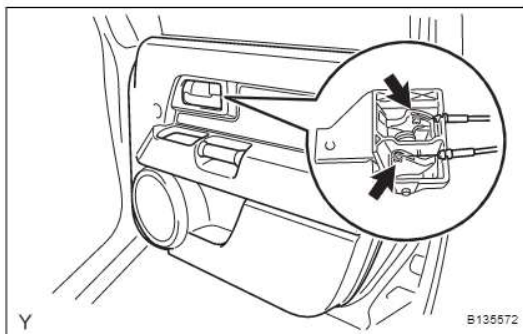
HINT:

Use the same procedure as for the LH side (see page [MI-11](#)).

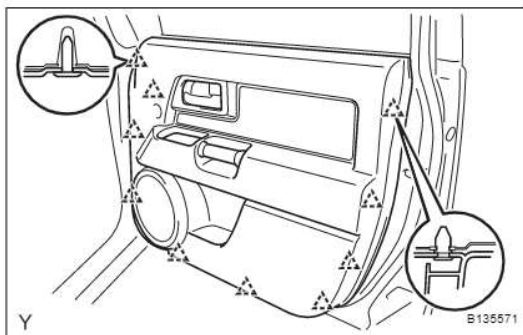
ED

ED-24**ENGINE HOOD / DOOR – FRONT DOOR****23. INSTALL FRONT NO. 2 DOOR SERVICE HOLE COVER**

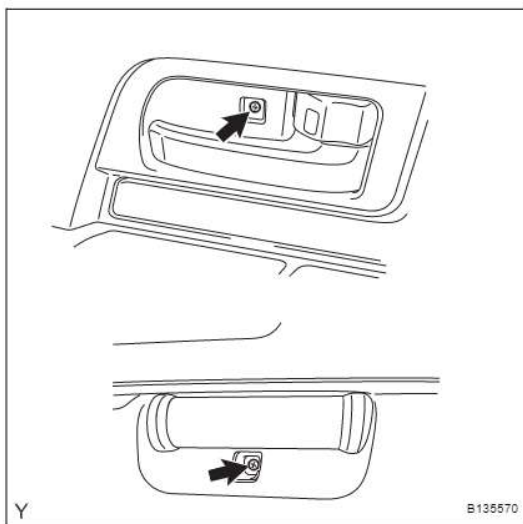
- (a) Install the front No. 2 door service hole cover with the 4 screws.

**24. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY**

- (a) Connect the front door lock remote control cable and front door inside locking cable.



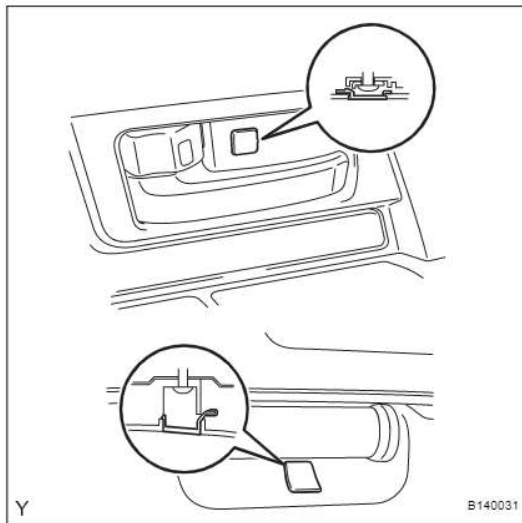
- (b) Engage the 10 clips and install the front door trim board.



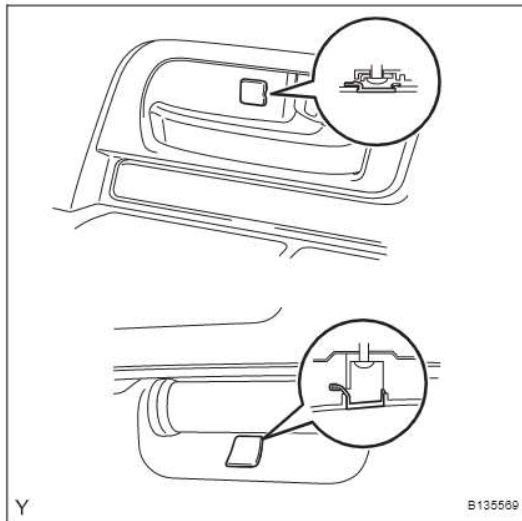
- (c) Tighten the 2 screws.

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ENGINE HOOD / DOOR – FRONT DOOR

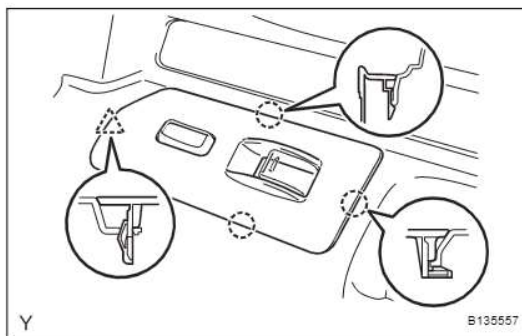


- (d) for LH side:
Close the 2 covers.



- (e) for RH side:
Close the 2 covers.

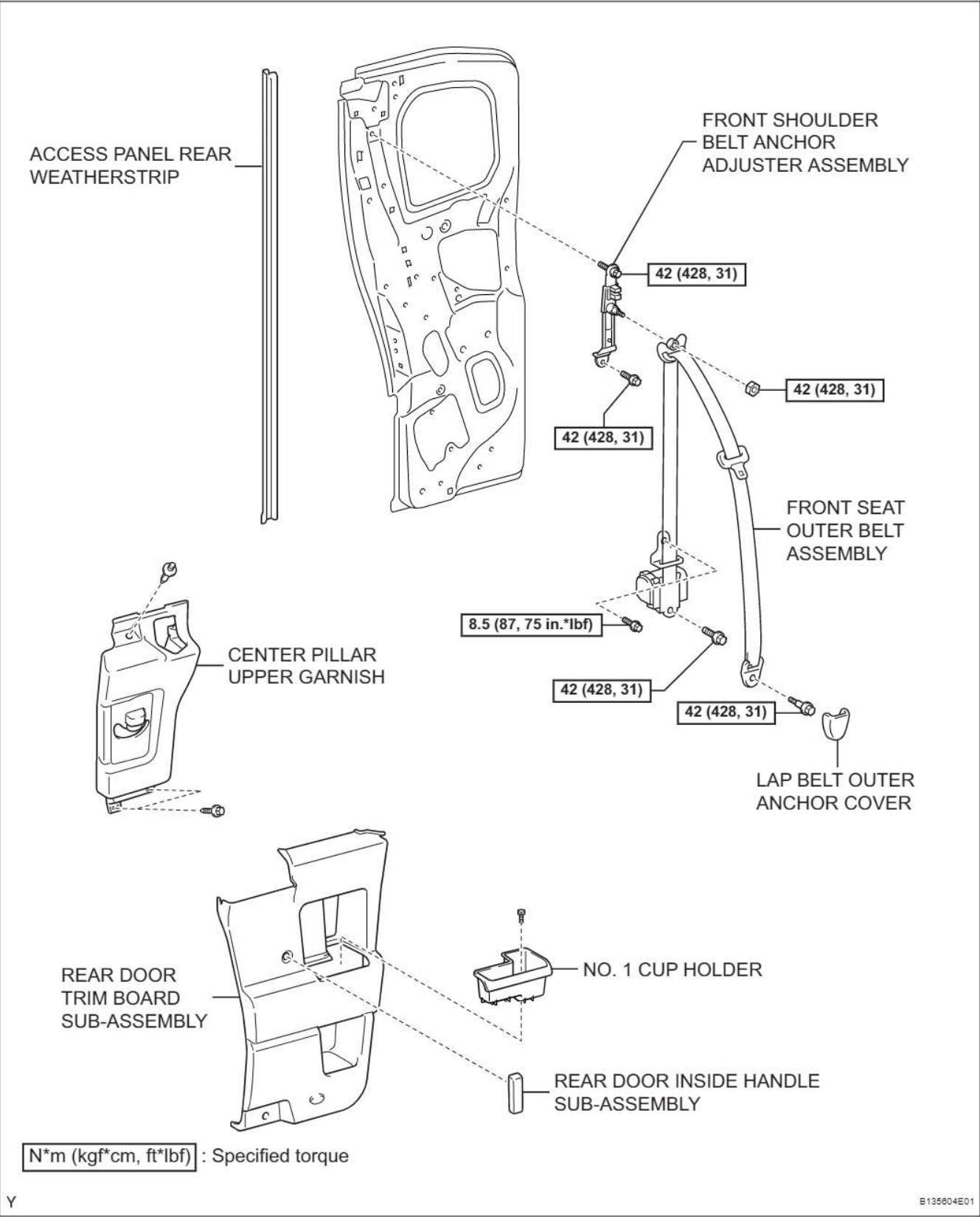
25. **INSTALL POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY** (for Driver Side) (See page [WS-26](#))
26. **INSTALL POWER WINDOW REGULATOR SWITCH ASSEMBLY** (for Front Passenger Side) (See page [WS-29](#))
27. **INSTALL DOOR CONTROL SWITCH** (for Front Passenger Side) (See page [DL-93](#))



28. **INSTALL FRONT ARMREST BASE UPPER PANEL**
 - (a) Connect the connector.
 - (b) Engage the 3 claws and clip and install the front armrest base upper panel.
29. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

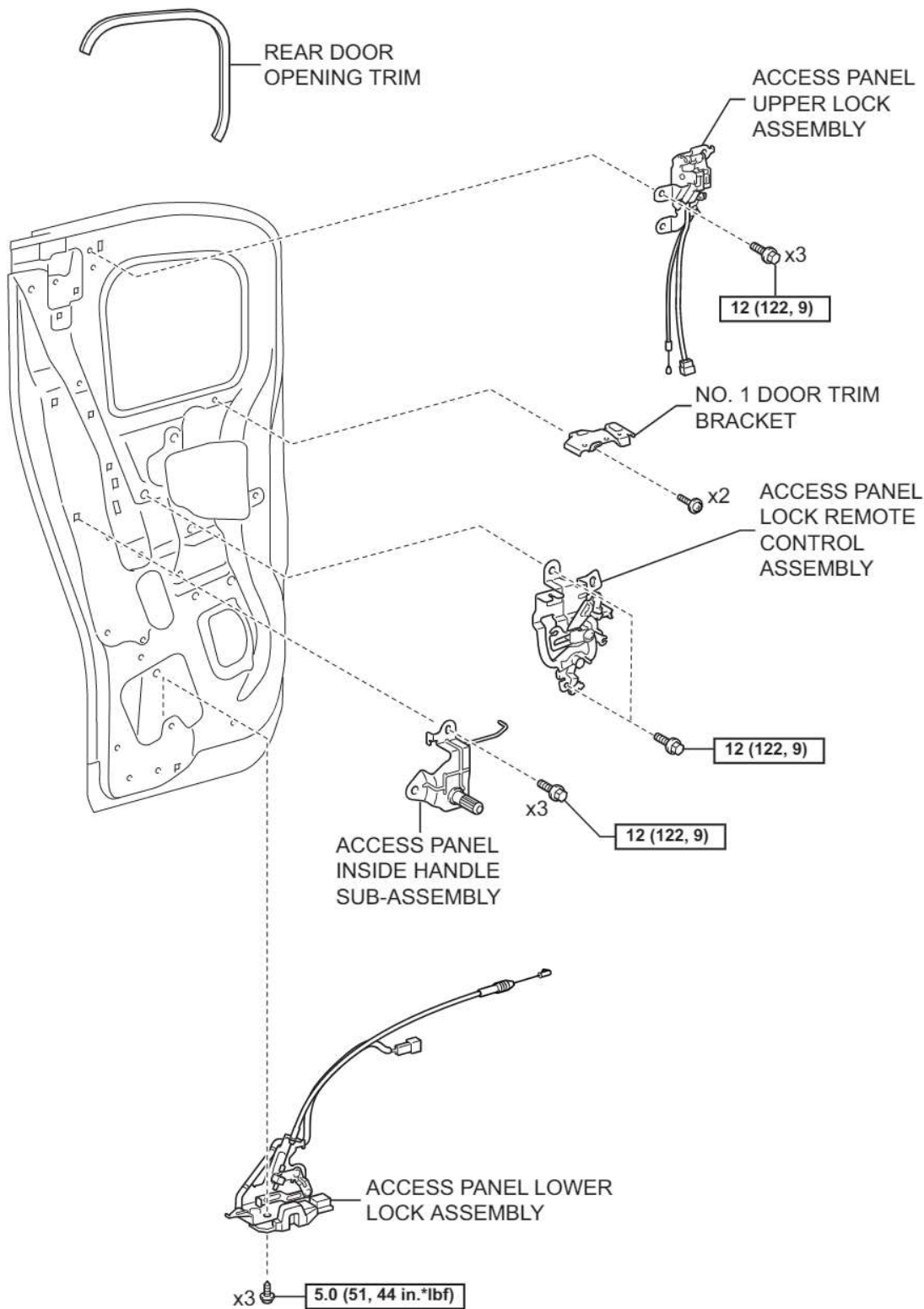
ACCESS DOOR

COMPONENTS



ENGINE HOOD / DOOR – ACCESS DOOR

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

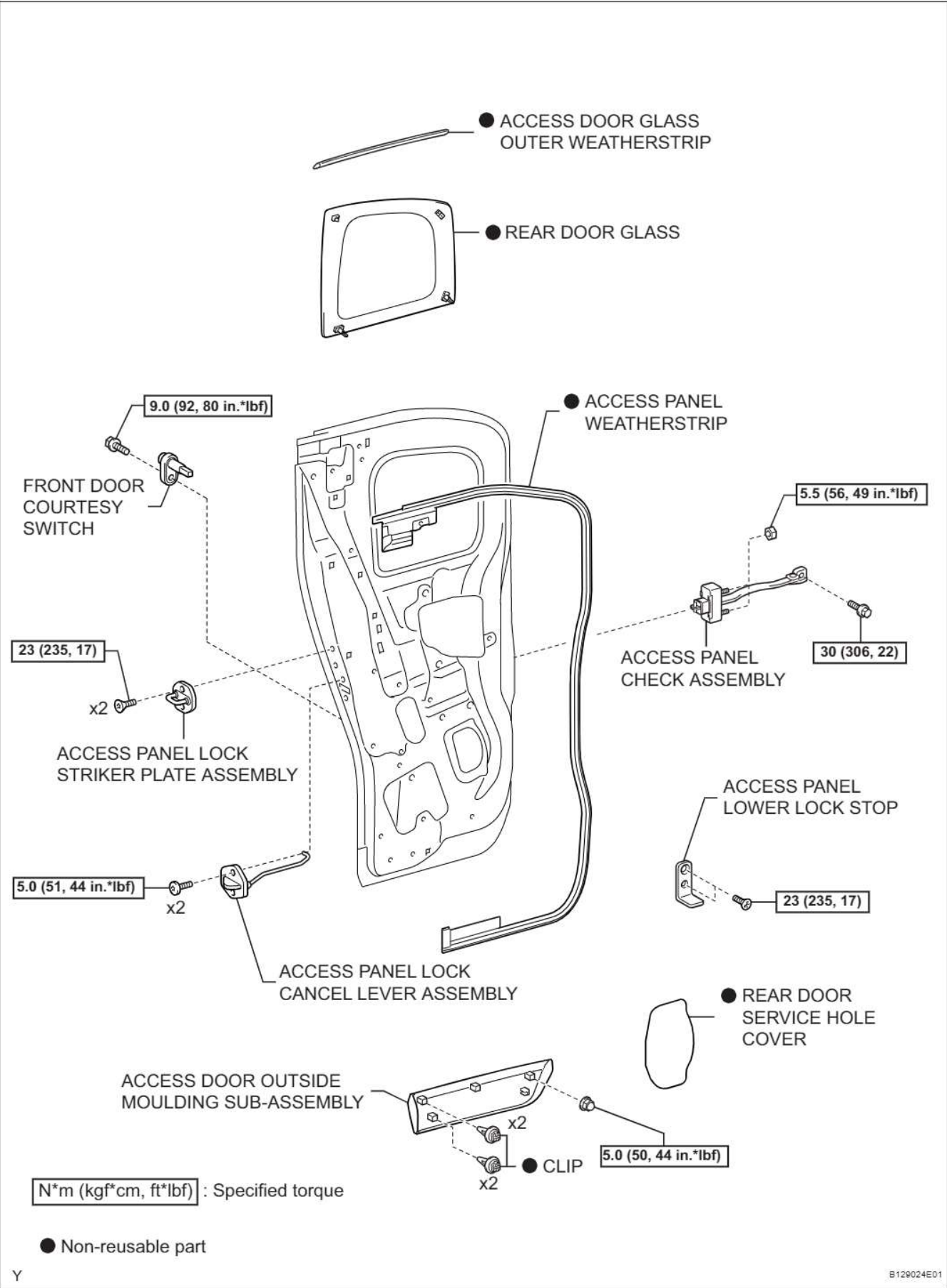
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ENGINE HOOD / DOOR – ACCESS DOOR



DISASSEMBLY

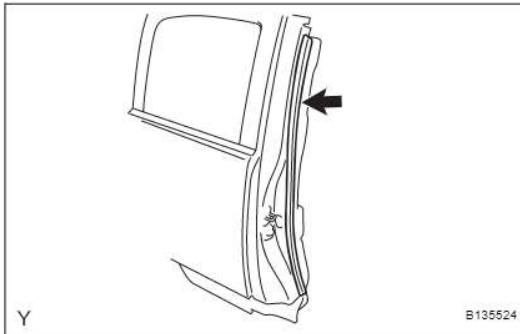
HINT:

- Use the same procedure for both RH and LH sides.
- The procedure described below is for the RH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

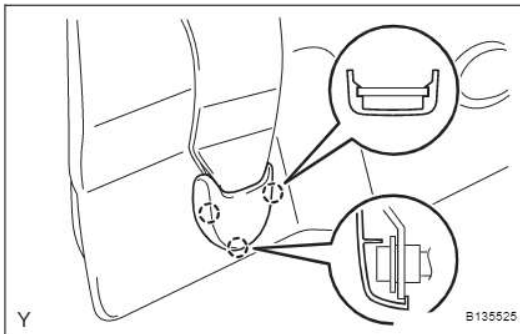
2. REMOVE ACCESS PANEL REAR WEATHERSTRIP

- (a) Remove the access panel rear weatherstrip.



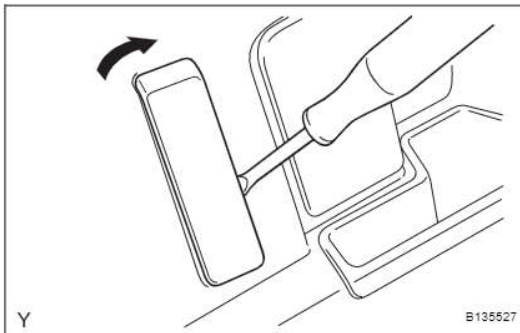
3. REMOVE LAP BELT OUTER ANCHOR COVER

- (a) Disengage the 3 claws and remove the lap belt outer anchor cover.



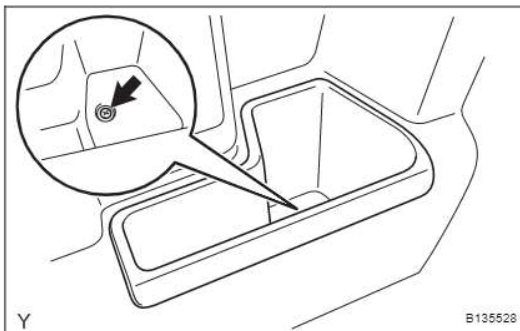
4. REMOVE REAR DOOR INSIDE HANDLE SUB-ASSEMBLY

- (a) Insert a clip remover between the handle and door trim.
 (b) Turn the handle with the clip remover inserted, as shown in the illustration.
 (c) Remove the rear door inside handle and snap ring.



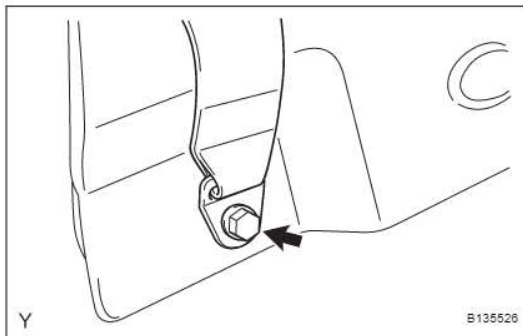
5. REMOVE NO. 1 CUP HOLDER

- (a) Remove the screw and the No. 1 cup holder.

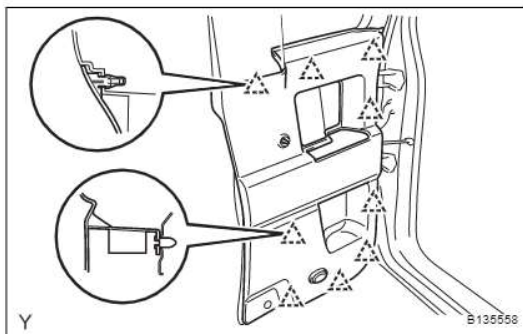


ED-30

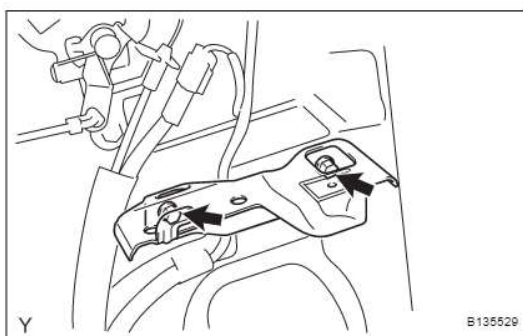
ENGINE HOOD / DOOR – ACCESS DOOR

**6. REMOVE REAR DOOR TRIM BOARD SUB-ASSEMBLY**

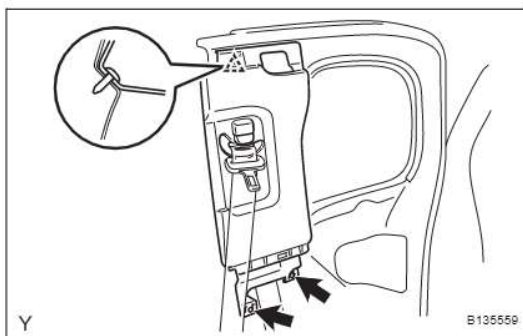
- (a) Remove the bolt and separate the front seat belt outer (floor side).



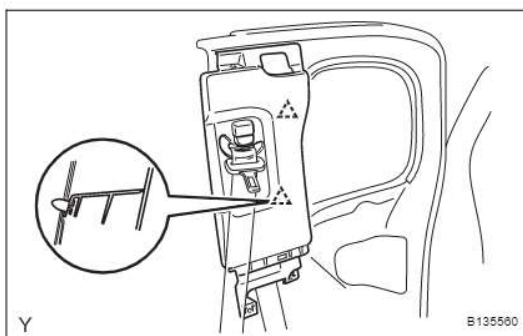
- (b) Disengage the 9 clips and remove the rear door trim panel.

**7. REMOVE NO. 1 DOOR TRIM BRACKET**

- (a) Remove the 2 screws and remove the No. 1 door trim bracket.

**8. REMOVE CENTER PILLAR UPPER GARNISH**

- (a) Remove the clip.
(b) Remove the 2 screws.



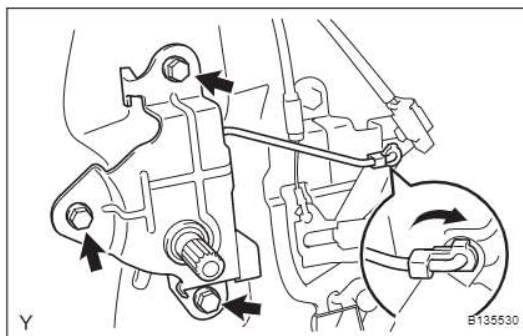
- (c) Disengage the 2 clips and remove the center pillar upper garnish.

9. REMOVE FRONT SEAT OUTER BELT ASSEMBLY (See page [SB-36](#))**10. REMOVE FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY (See page [SB-38](#))**

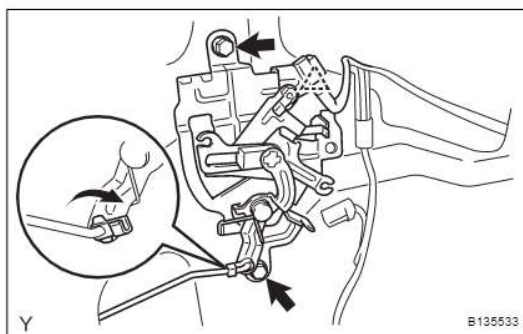
ED

ENGINE HOOD / DOOR – ACCESS DOOR

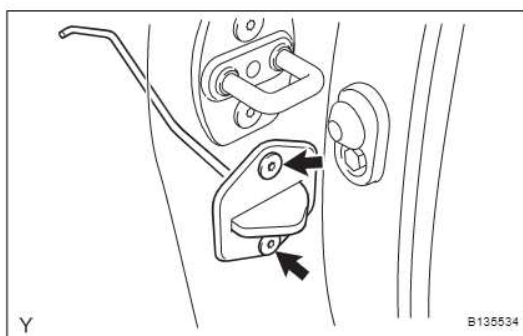
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**11. REMOVE ACCESS PANEL INSIDE HANDLE SUB-ASSEMBLY**

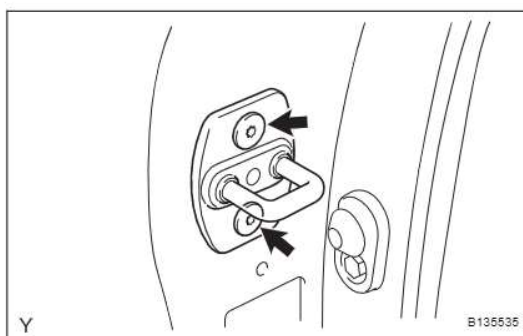
- (a) Disconnect the rod.
- (b) Remove the 3 bolts, then remove the access panel inside handle.

**12. REMOVE ACCESS PANEL UPPER LOCK ASSEMBLY (See page LI-116)**

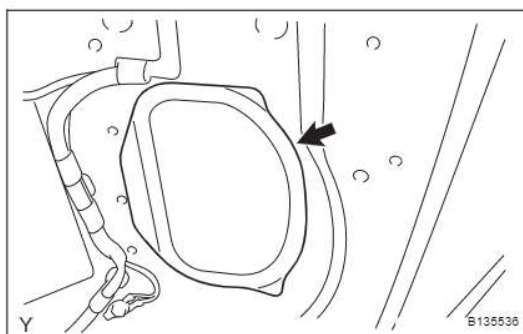
- (a) Disconnect the rod and connector clamp.
- (b) Remove the 2 bolts, then remove the access panel lock remote control.

**15. REMOVE ACCESS PANEL LOCK CANCEL LEVER ASSEMBLY**

- (a) Using "Torx" socket wrench T30, remove the 2 screws and remove the access panel lock cancel lever.

16. REMOVE FRONT DOOR COURTESY SWITCH (See page LI-114)**17. REMOVE ACCESS PANEL LOCK STRIKER PLATE ASSEMBLY**

- (a) Using "Torx" socket wrench T40, remove the 2 screws and access panel lock striker plate.

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

- (a) Remove the rear door service hole cover.

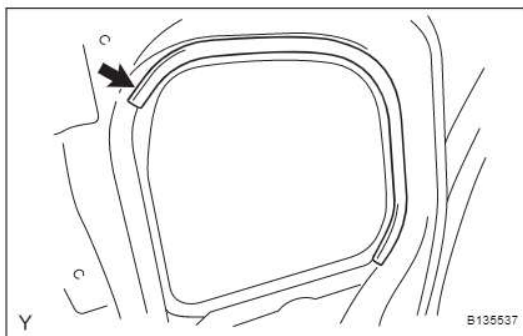
NOTICE:

Remove any tape remaining on the door side.

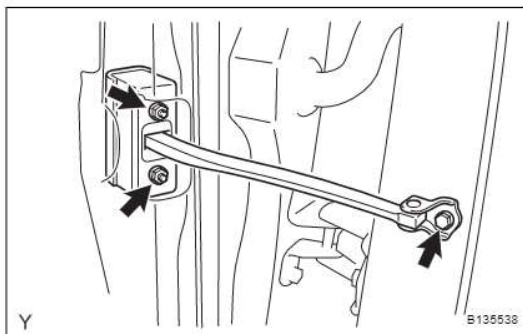
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ENGINE HOOD / DOOR – ACCESS DOOR

**19. REMOVE REAR DOOR OPENING TRIM**

- (a) Remove the rear door opening trim.

**20. REMOVE ACCESS PANEL CHECK ASSEMBLY**

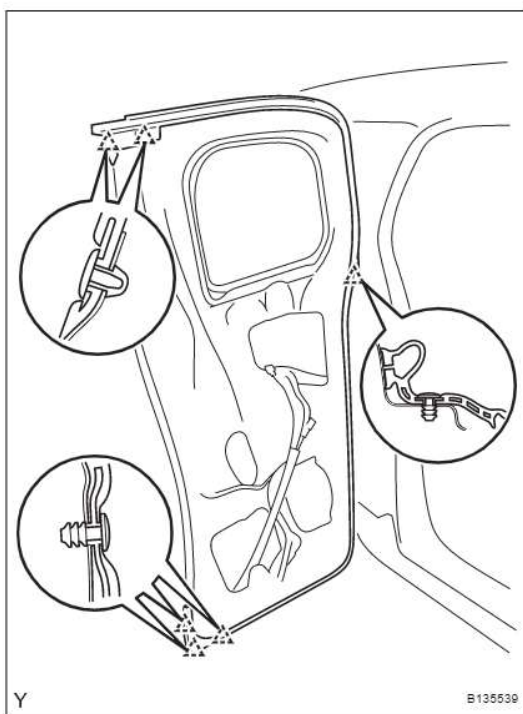
- (a) Remove the bolt and 2 nuts, then remove the access panel check.

NOTICE:

Do not drop or damage the access panel check when removing the bolt and nuts.

HINT:

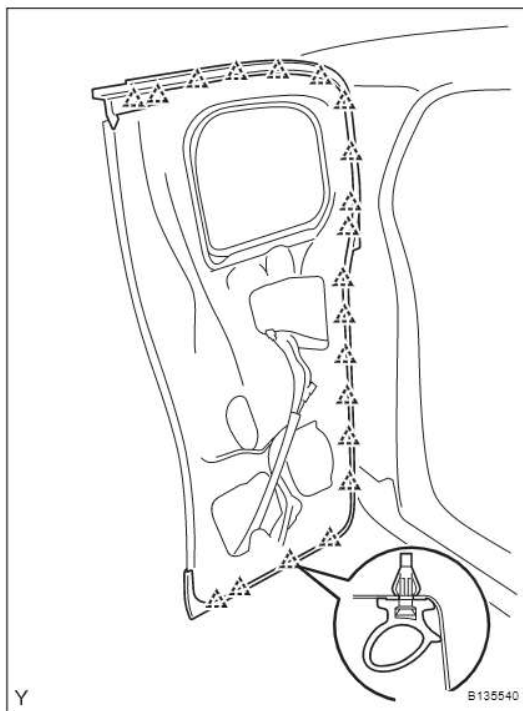
Remove the access panel check through the service hole.

**21. REMOVE ACCESS PANEL WEATHERSTRIP**

- (a) Disengage the 6 clips.

ENGINE HOOD / DOOR – ACCESS DOOR

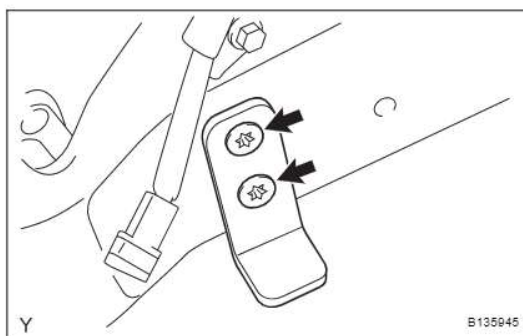
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- (b) Using a clip remover, disengage the 20 clips, then remove the access panel weatherstrip.

NOTICE:

Remove any tape remaining on the door side.

**22. REMOVE ACCESS PANEL LOWER LOCK STOP**

- (a) Using "Torx" socket wrench T40, remove the 2 screws and access panel lower lock stop.

23. REMOVE ACCESS DOOR OUTSIDE MOULDING SUB-ASSEMBLY**HINT:**

Use the same procedure as for the LH side (see page [ET-70](#)).

24. REMOVE ACCESS DOOR GLASS OUTER WEATHERSTRIP**HINT:**

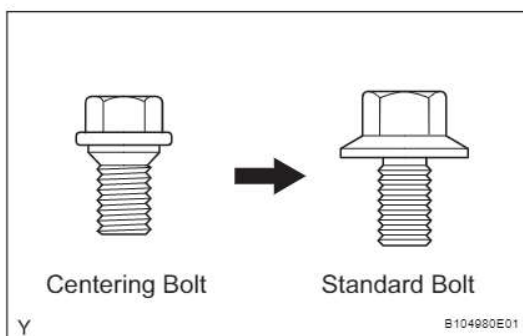
Use the same procedure as for the LH side (see page [ET-43](#)).

25. REMOVE REAR DOOR GLASS**HINT:**

Use the same procedure as for the LH side (see page [WS-58](#)).

ADJUSTMENT**HINT:**

- Before adjusting the door position on vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the battery. After the adjustment, inspect the SRS warning light, the side airbag system and the curtain shield airbag system for normal operation. Then initialize both airbag systems.
- Use the same procedure for the RH and LH sides.
- The procedures described below are for the RH side.



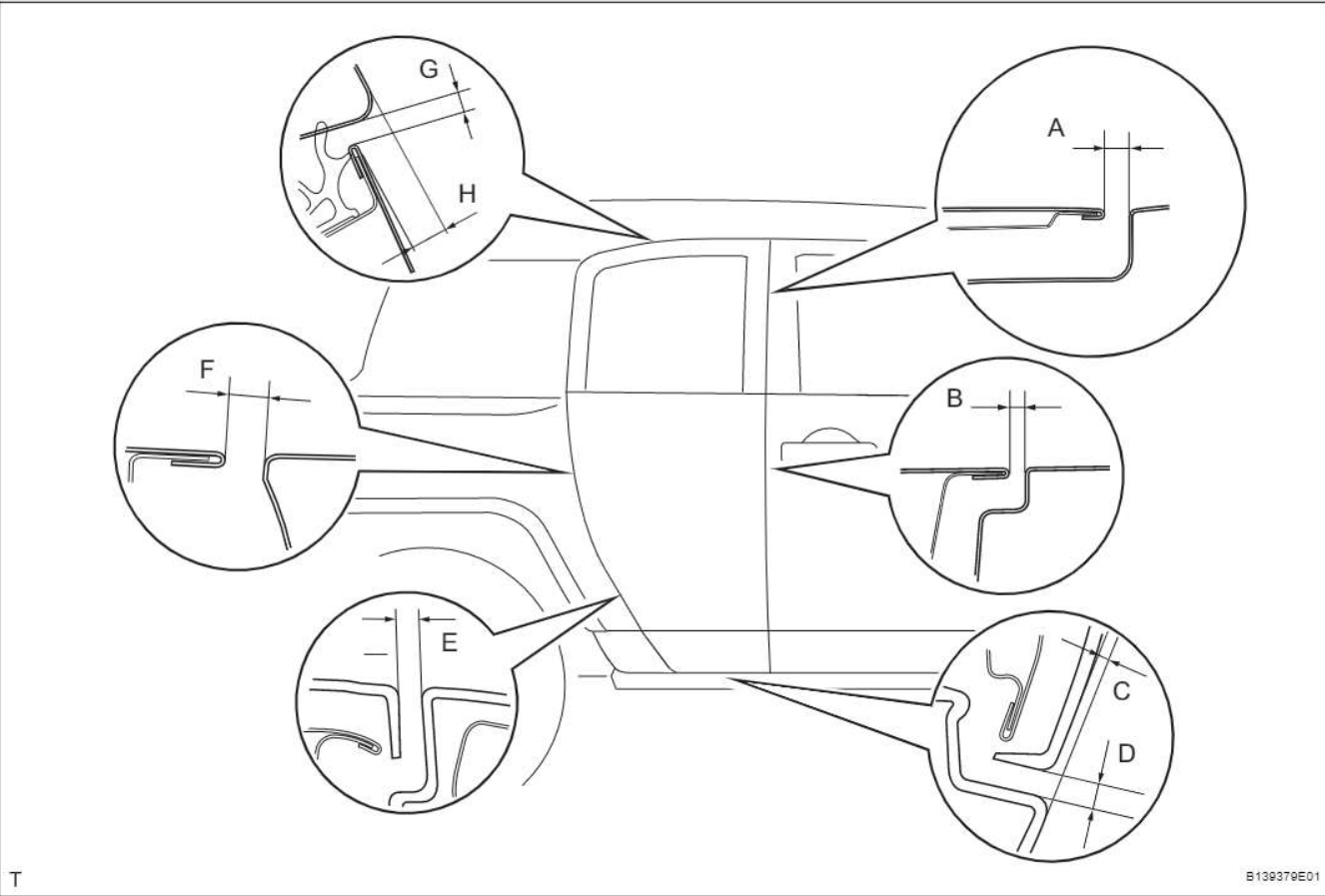
ED

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ENGINE HOOD / DOOR – ACCESS DOOR

- Centering bolts are used to mount the door hinge onto the vehicle body and door. The door cannot be adjusted with the centering bolts on. Substitute 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 REAR DOOR**
- (a) Check that the clearance measurements are within the standard ranges.



Standard

Area	Measurement	Area	Measurement
A	4.6 to 7.6 mm (0.181 to 0.299 in.)	E	4.6 to 7.6 mm (0.181 to 0.299 in.)
B	3.5 to 6.5 mm (0.138 to 0.256 in.)	F	4.5 to 7.5 mm (0.177 to 0.295 in.)
C	1.1 to 4.1 mm (0.043 to 0.161 in.)	G	4.1 to 7.1 mm (0.161 to 0.280 in.)
D	4.3 to 7.3 mm (0.169 to 0.287 in.)	H	9 to 12 mm (0.354 to 0.472 in.)

2. ADJUST REAR DOOR

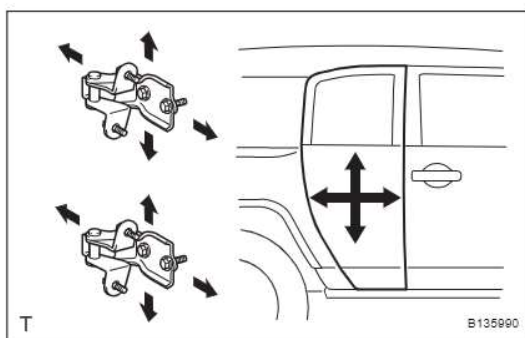
- (a) Disconnect the cable from the negative battery terminal.

CAUTION:

The 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 the 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).

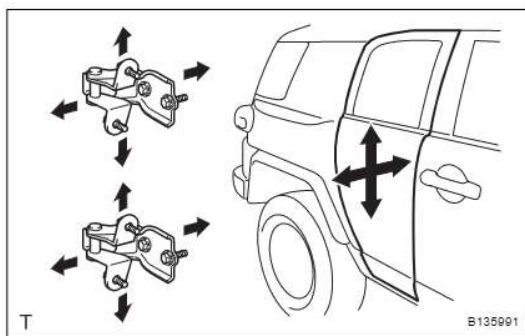
- (b) Loosen the body side hinge bolts and adjust the door position.
(c) Tighten the body side hinge bolts after the adjustment.

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

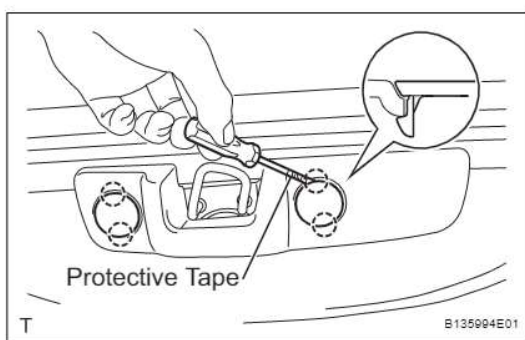


- (d) Loosen the door side hinge bolts and adjust the door position.
(e) Tighten the door side hinge bolts after the adjustment.

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

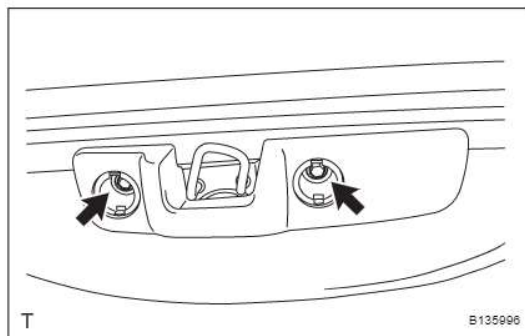


- (f) Using a screwdriver with its tip wrapped in protective tape, disengage the 2 claws and remove the 2 roof side inner garnish covers.

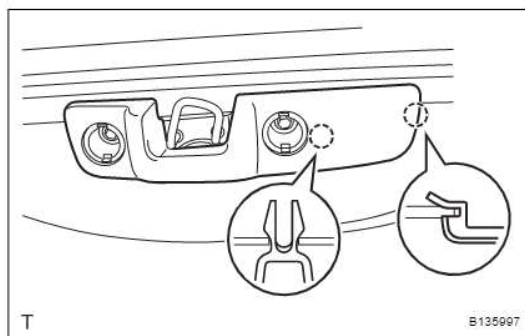


ED-36

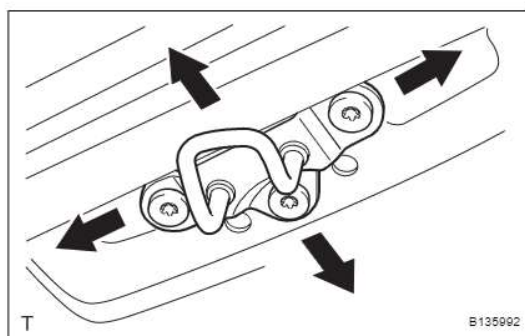
ENGINE HOOD / DOOR – ACCESS DOOR



(g) Remove the 2 bolts.



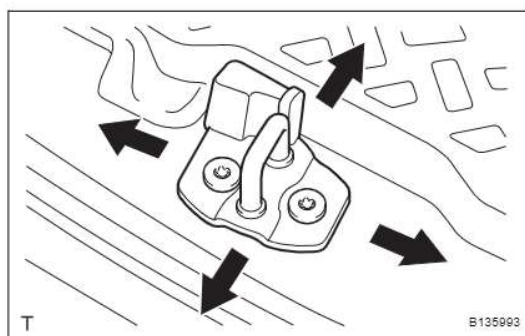
(h) Disengage the 2 claws and remove the No. 1 roof side rail garnish.



(i) Adjust the striker position by slightly loosening the striker mounting screws with "Torx" socket wrench T40 and hitting the striker with a plastic hammer (upper side).

(j) Using "Torx" socket wrench T40, tighten the striker mounting screws after the adjustment.

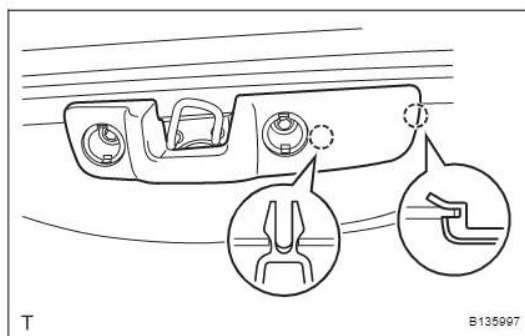
Torque: 23 N*m (235 kgf*cm, 17 ft.*lbf)



(k) Adjust the striker position by slightly loosening the striker mounting screws with "Torx" socket wrench T40 and hitting the striker with a plastic hammer (lower side).

(l) Using "Torx" socket wrench T40, tighten the striker mounting screws after the adjustment.

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

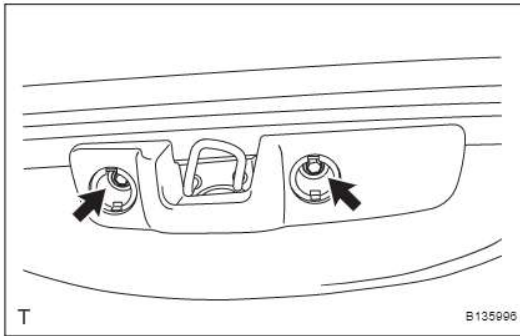


(m) Engage the 2 claws and install the No. 1 roof side rail garnish.

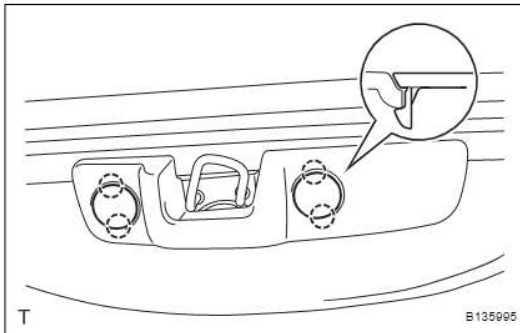
ED

ENGINE HOOD / DOOR – ACCESS DOOR

ED-37



(n) Install the 2 bolts.



- (o) Engage the 2 claws and install the roof side inner garnish cover.
- (p) Connect the cable to the negative battery terminal.
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
- (q) Inspect the SRS warning light (see page [RS-29](#)).

REASSEMBLY

1. **CLEAN REAR DOOR GLASS** (See page [WS-58](#))

2. **CLEAN VEHICLE BODY** (See page [WS-58](#))

3. **INSTALL REAR DOOR GLASS**

HINT:

Use the same procedure as for the LH side (see page [WS-59](#)).

4. **INSTALL ACCESS DOOR GLASS OUTER WEATHERSTRIP**

HINT:

Use the same procedure as for the LH side (see page [ET-43](#)).

5. **INSTALL ACCESS DOOR OUTSIDE MOULDING SUB-ASSEMBLY**

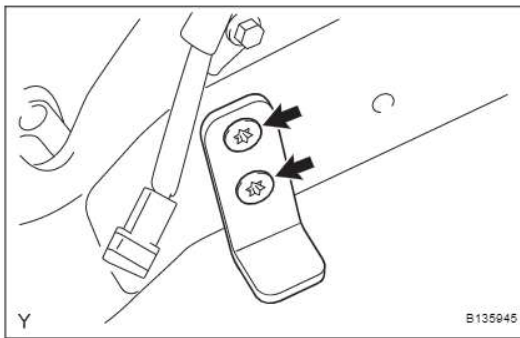
HINT:

Use the same procedure as for the LH side (see page [ET-74](#)).

6. **INSTALL ACCESS PANEL LOWER LOCK STOP**

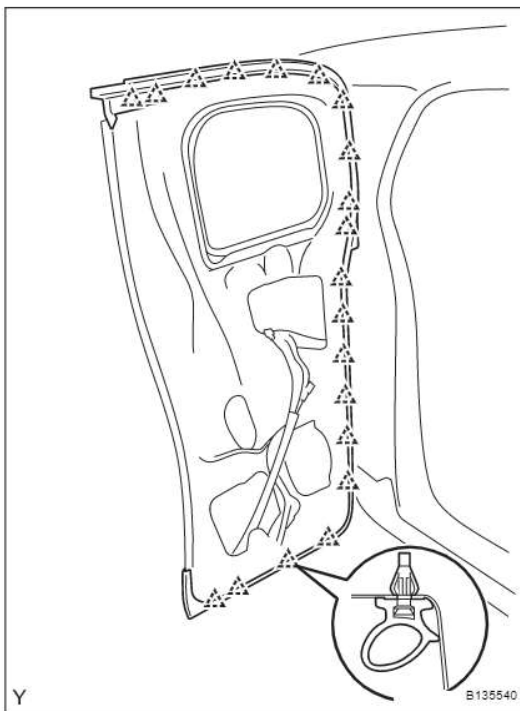
- (a) Using "Torx" socket wrench T40, install the access panel lower lock stop with the 2 screws.

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



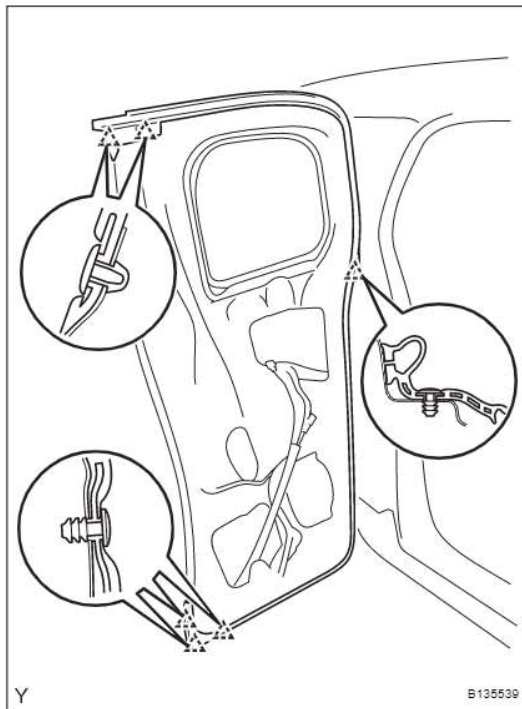
7. **INSTALL ACCESS PANEL WEATHERSTRIP**

- (a) Engage the 20 clips and install a new access panel weatherstrip.

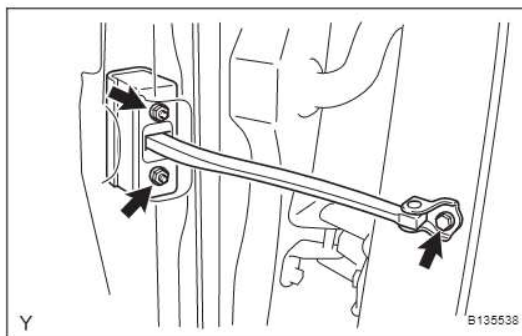


ENGINE HOOD / DOOR – ACCESS DOOR

ED-39



(b) Engage the 6 clips.

**8. INSTALL ACCESS PANEL CHECK ASSEMBLY**

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

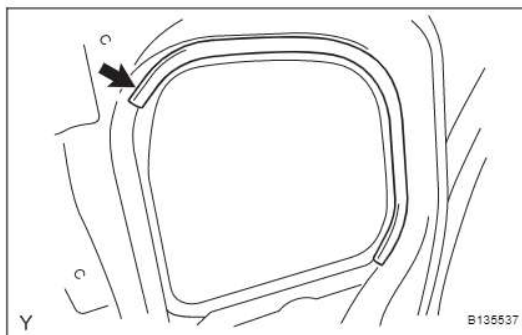
(b) Install the access panel check onto the door panel with the 2 nuts.

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

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

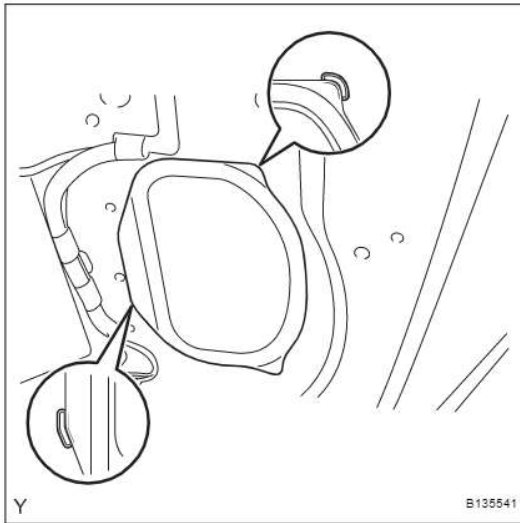
Adhesive:**Toyota Genuine Adhesive 1324, Three Bond 1324 or the equivalent.**

(d) Install the access panel check onto the body panel with the bolt.

Torque: 30 N*m (306 kgf*cm, 22 ft.*lbf)**9. INSTALL REAR DOOR OPENING TRIM**

(a) Install the rear door opening trim.

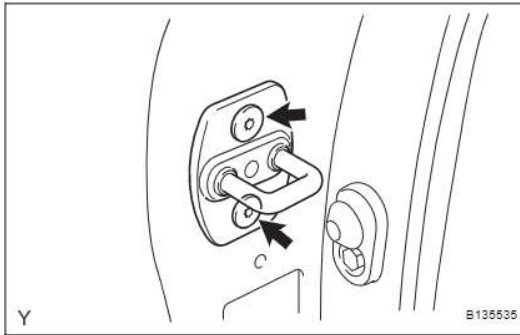
ED

ED-40**ENGINE HOOD / DOOR – ACCESS DOOR****10. INSTALL REAR DOOR SERVICE HOLE COVER**

- (a) Install a new rear door service hole cover.

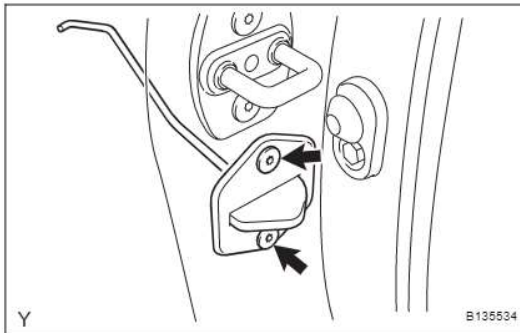
HINT:

After attaching the service hole cover, check the quality of the seal.

**11. INSTALL ACCESS PANEL LOCK STRIKER PLATE ASSEMBLY**

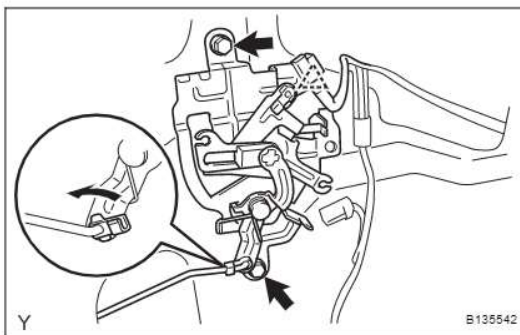
- (a) Using "Torx" socket wrench T40, install the access panel lock striker plate with the 2 screws.

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

12. INSTALL FRONT DOOR COURTESY SWITCH (See page [LI-114](#))**13. INSTALL ACCESS PANEL LOCK CANCEL LEVER ASSEMBLY**

- (a) Using "Torx" socket wrench T30, install the access panel lock cancel lever with the 2 screws.

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

**14. INSTALL ACCESS PANEL LOCK REMOTE CONTROL ASSEMBLY**

- (a) Apply MP grease to the sliding and rotating areas of the access panel lock remote control.

- (b) Install the access panel lock remote control with the 2 bolts and the clip.

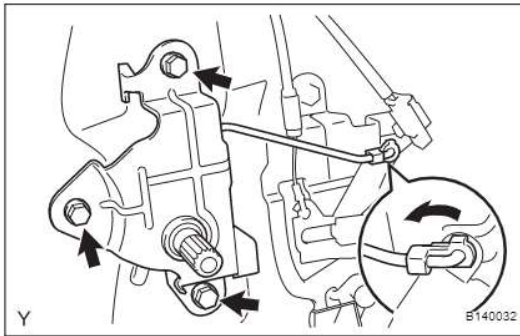
Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf)

- (c) Connect the rod and connector clamp.

15. INSTALL ACCESS PANEL LOWER LOCK ASSEMBLY (See page [LI-120](#))**16. INSTALL ACCESS PANEL UPPER LOCK ASSEMBLY (See page [LI-117](#))****ED**

ENGINE HOOD / DOOR – ACCESS DOOR

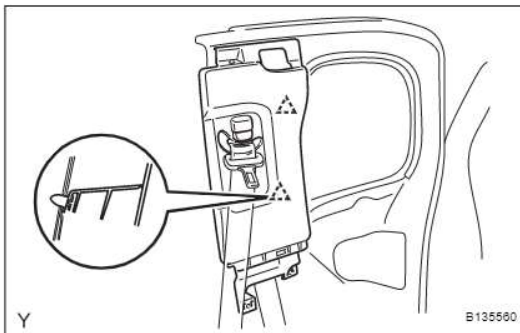
ED-41

**17. INSTALL ACCESS PANEL INSIDE HANDLE SUB-ASSEMBLY**

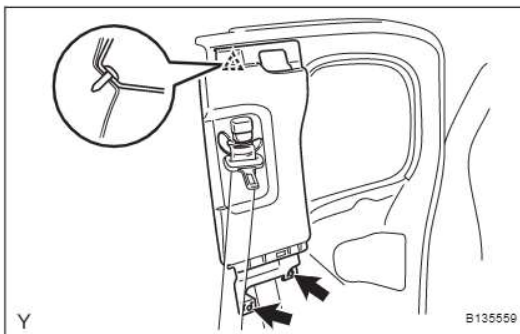
- (a) Install the access panel inside handle with the 3 bolts.

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

- (b) Connect the rod.

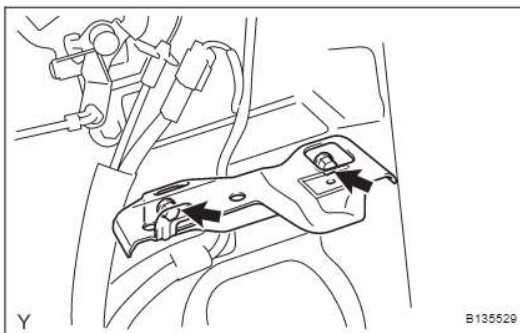
**18. INSTALL FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY (See page SB-39)****19. INSTALL FRONT SEAT OUTER BELT ASSEMBLY (See page SB-39)****20. INSTALL CENTER PILLAR UPPER GARNISH**

- (a) Engage the 2 clips and install the center pillar upper garnish.

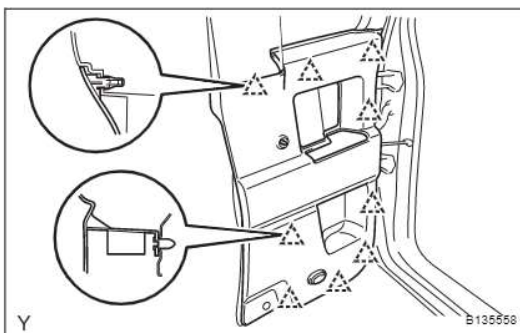


- (b) Install the 2 screws.

- (c) Install the clip.

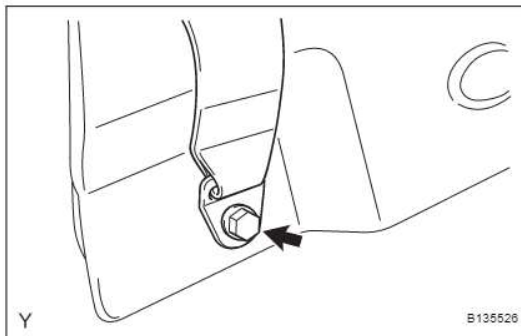
**21. INSTALL REAR DOOR TRIM BRACKET**

- (a) Install the rear door trim bracket with the 2 screws.

**22. INSTALL REAR DOOR TRIM BOARD SUB-ASSEMBLY**

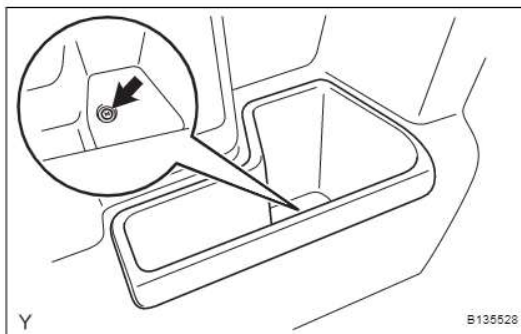
- (a) Engage the 9 clips and install the rear door trim board.

ED

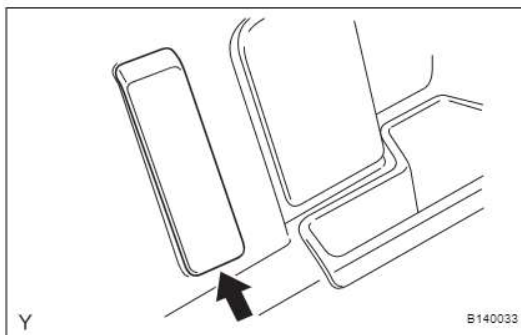
ED-42**ENGINE HOOD / DOOR – ACCESS DOOR**

- (b) Install the front seat belt outer (floor side) with the bolt.

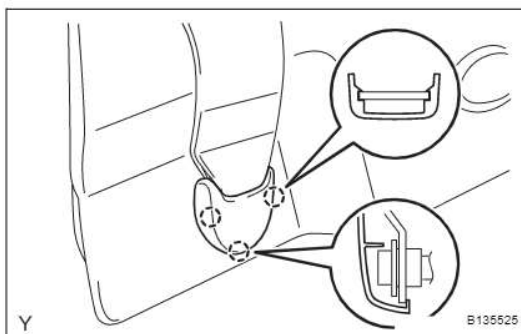
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

**23. INSTALL NO. 1 CUP HOLDER**

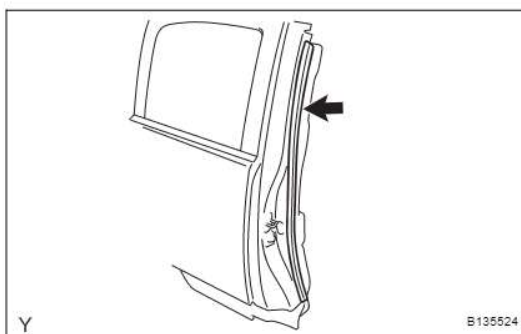
- (a) Install the No. 1 cup holder with the screw.

**24. INSTALL REAR DOOR INSIDE HANDLE SUB-ASSEMBLY**

- (a) Install the rear door inside handle with the snap ring onto the access panel inside handle.

**25. INSTALL LAP BELT OUTER ANCHOR COVER**

- (a) Engage the 3 claws and install the lap belt outer anchor cover.

**26. INSTALL ACCESS PANEL REAR WEATHERSTRIP**

- (a) Install the access panel rear weatherstrip.

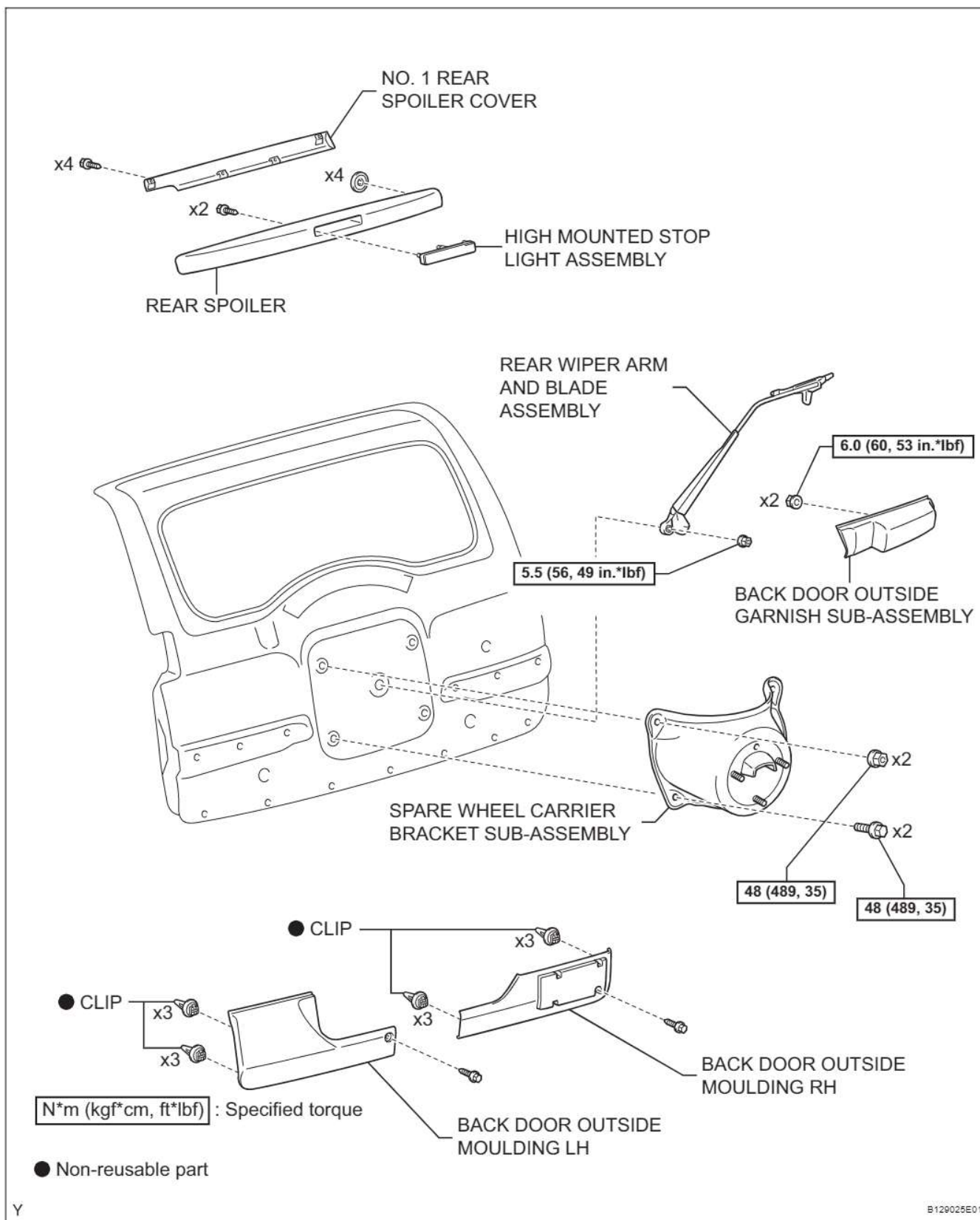
27. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

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

ED

BACK DOOR

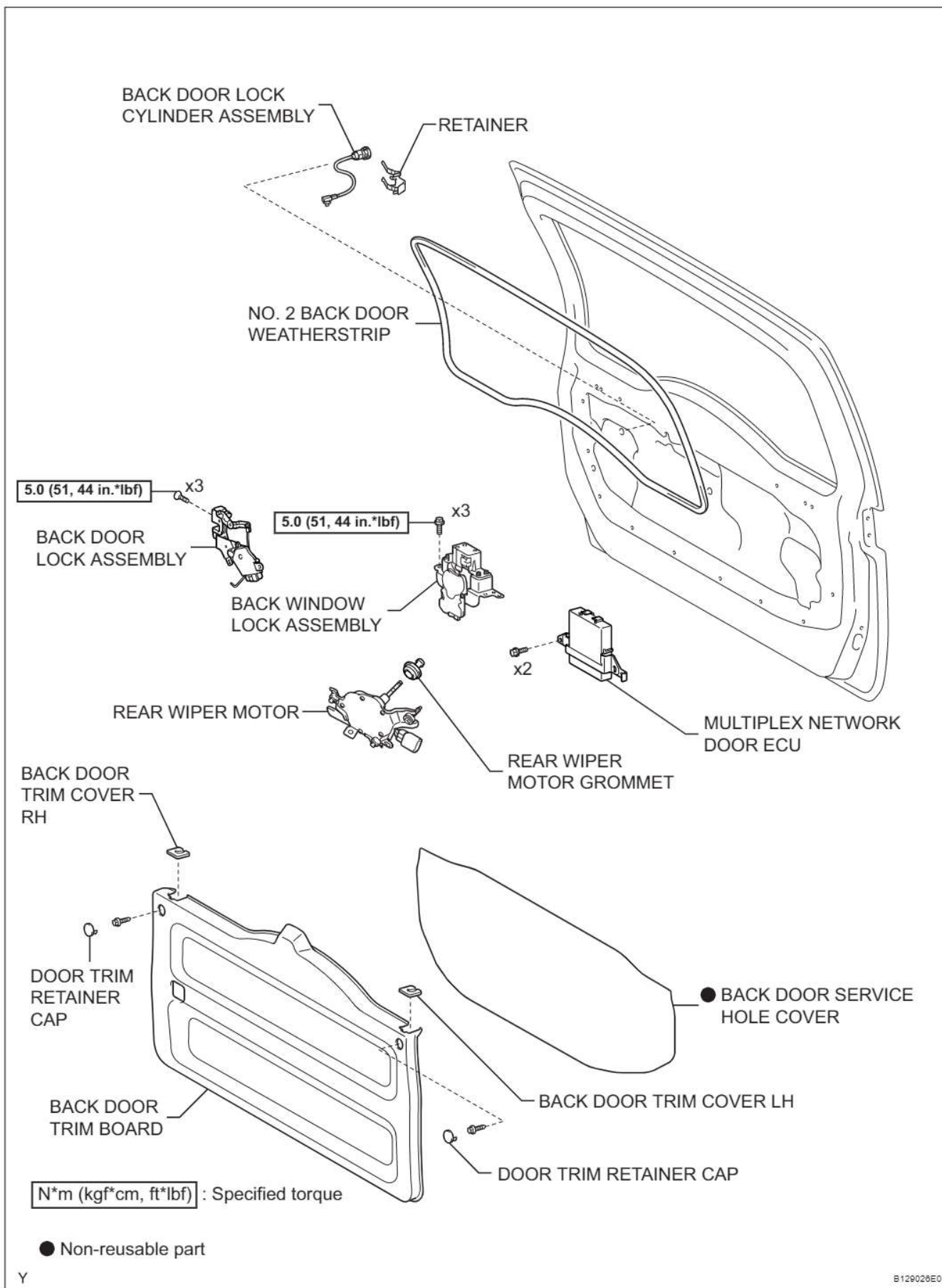
COMPONENTS



ED

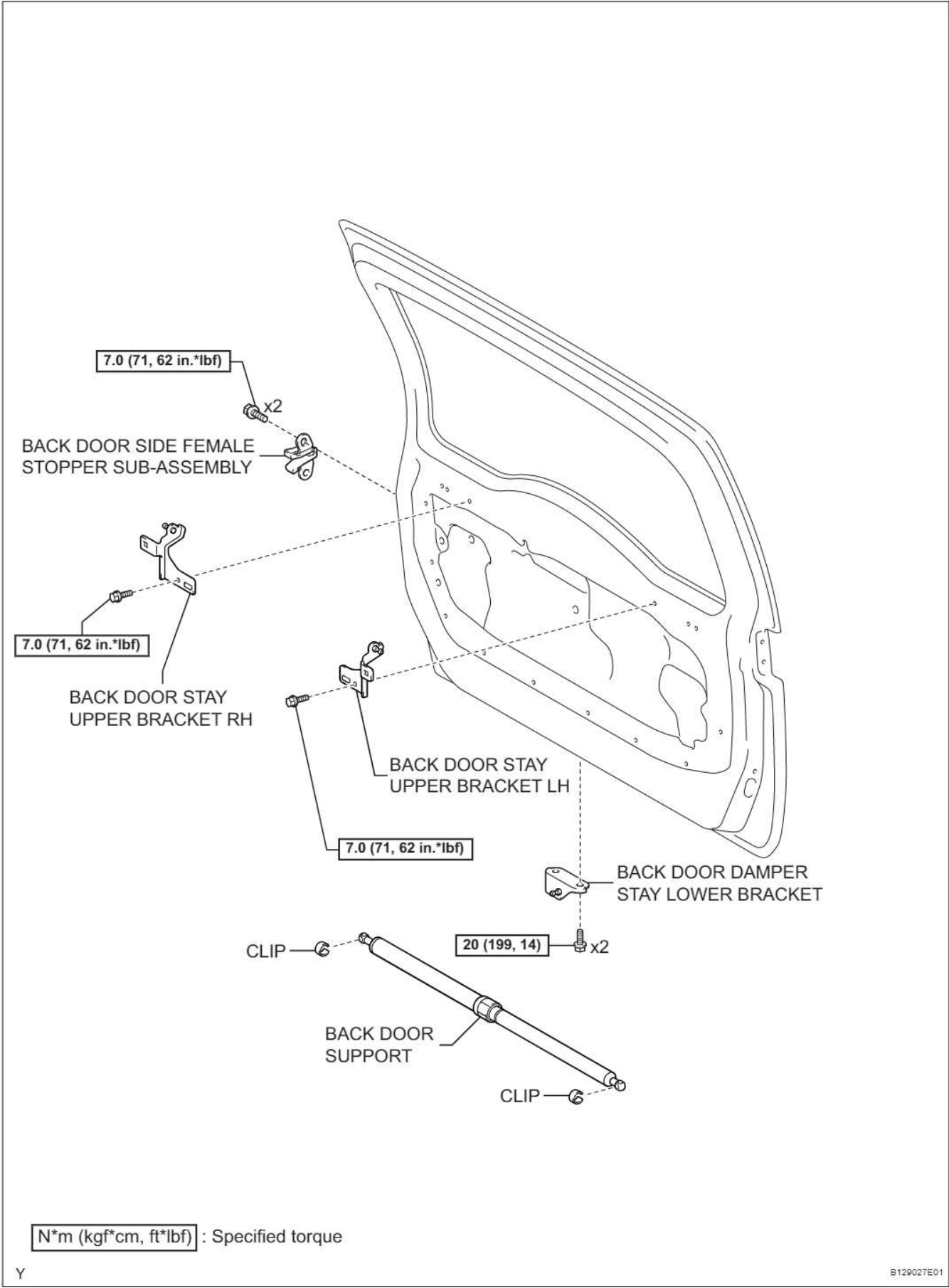
ED-44

ENGINE HOOD / DOOR – BACK DOOR



ENGINE HOOD / DOOR – BACK DOOR

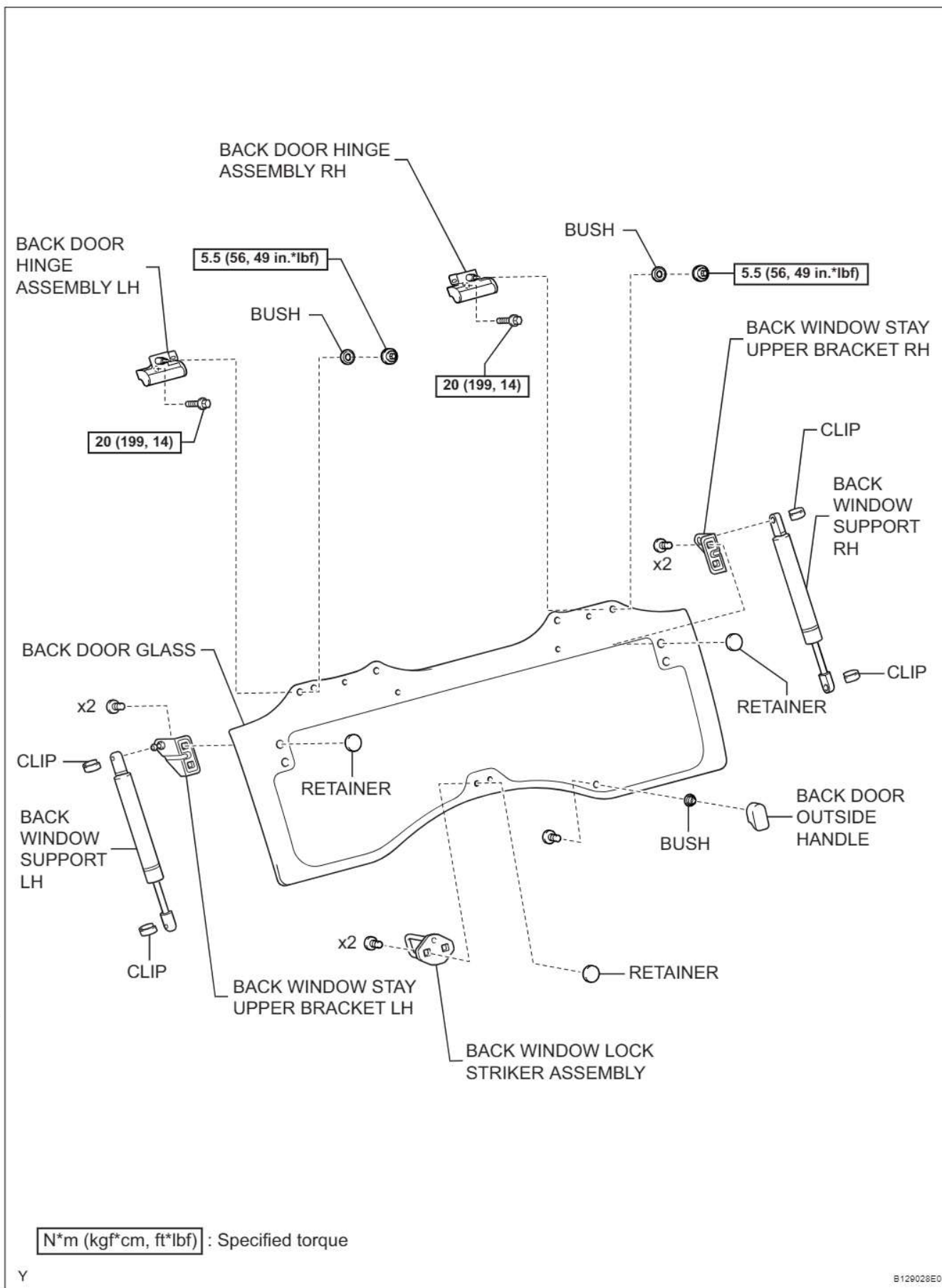
ED-45



ED

ED-46

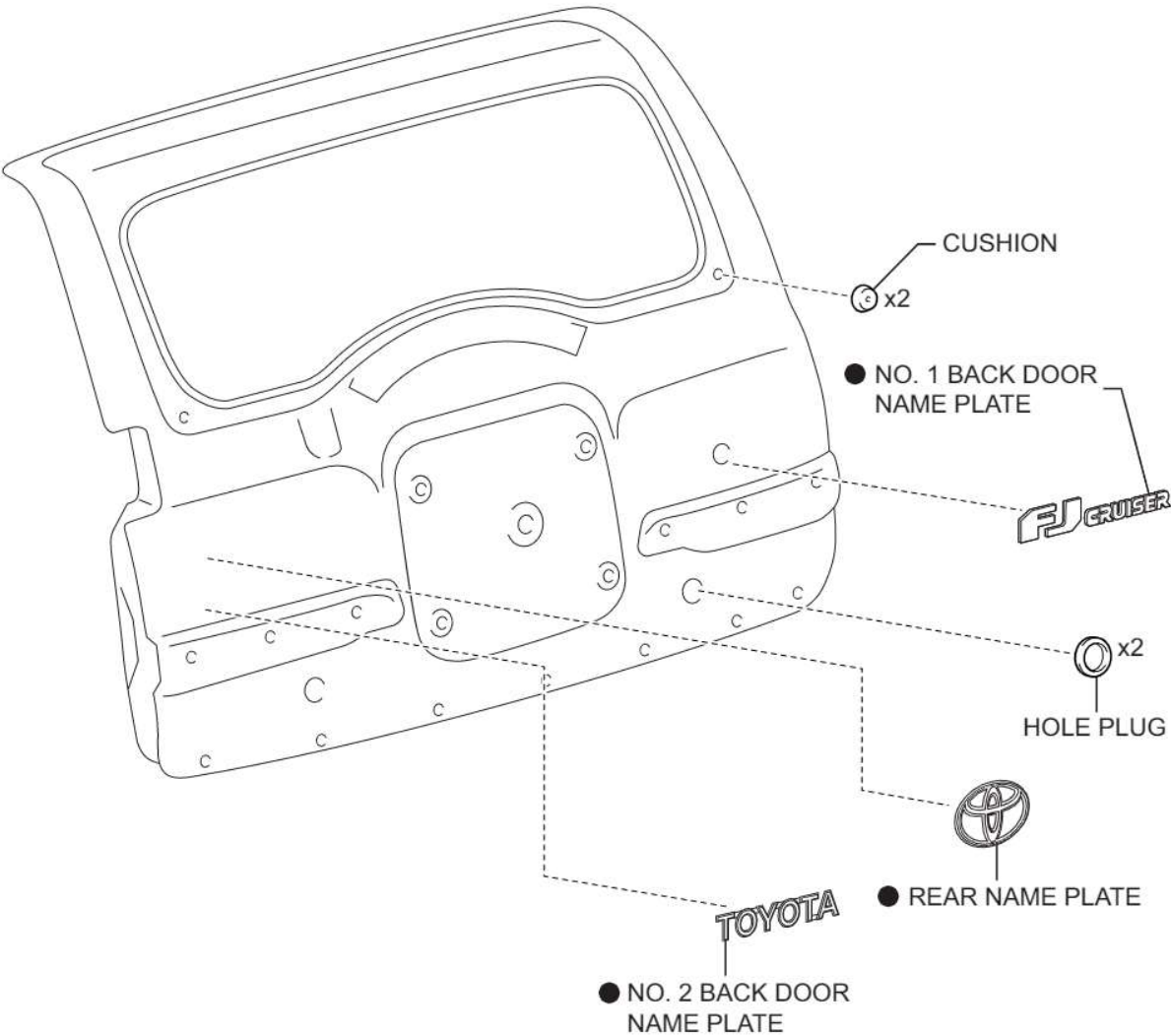
ENGINE HOOD / DOOR – BACK DOOR



ED

ENGINE HOOD / DOOR – BACK DOOR

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● Non-reusable part

Y

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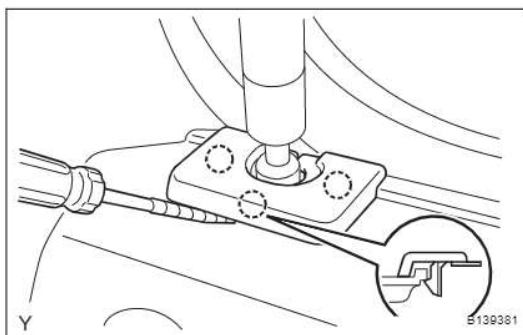
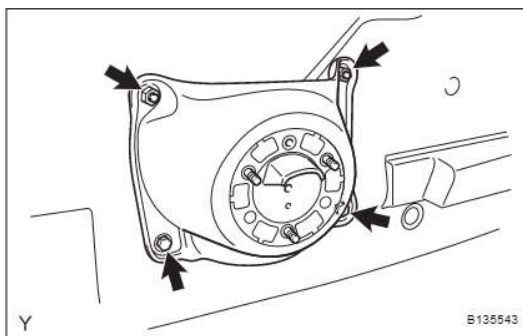
ED

ED-48

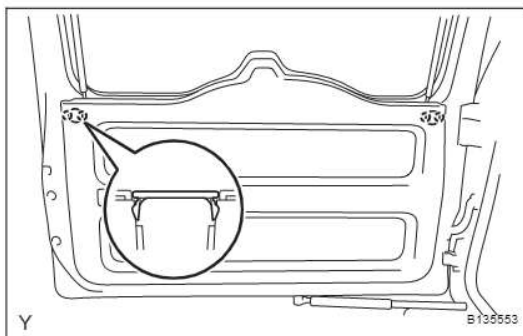
ENGINE HOOD / DOOR – BACK DOOR

DISASSEMBLY

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE SPARE DISC WHEEL**
3. **REMOVE BACK DOOR OUTSIDE MOULDING LH**
(See page [ET-70](#))
4. **REMOVE BACK DOOR OUTSIDE MOULDING RH**
(See page [ET-71](#))
5. **REMOVE SPARE WHEEL CARRIER BRACKET SUB-ASSEMBLY**
 - (a) Remove the 2 bolts, 2 nuts and the spare wheel carrier bracket.



6. **REMOVE BACK DOOR TRIM COVER RH**
 - (a) Using a screwdriver with its tip wrapped in protective tape, disengage the 3 claws and remove the back door trim cover.
7. **REMOVE BACK DOOR TRIM COVER LH**
HINT:
Use the same procedure as described for the RH side.

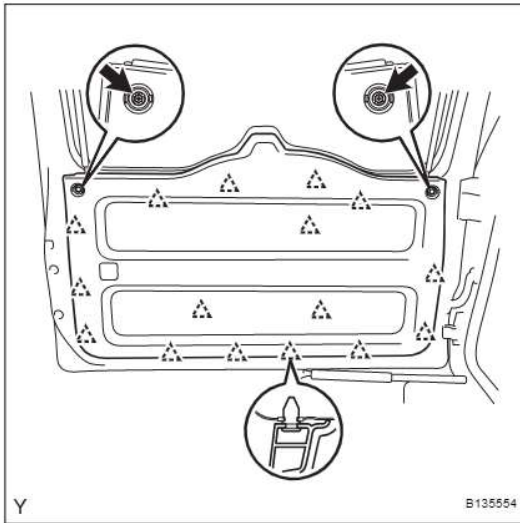


8. **REMOVE DOOR TRIM RETAINER CAP**
 - (a) Using a screwdriver with its tip wrapped in protective tape, disengage the 2 claws and remove the door trim retainer cap.

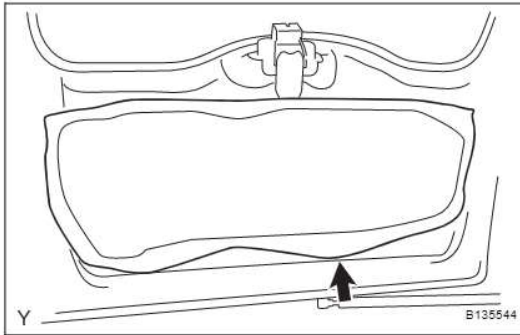
ED

ENGINE HOOD / DOOR – BACK DOOR

ED-49

**9. REMOVE BACK DOOR TRIM BOARD**

- (a) Remove the 2 screws.
- (b) Disengage the 16 clips and remove the back door trim board.

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

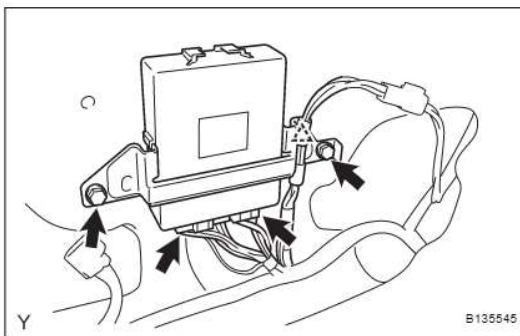
- (a) Remove the back door service hole cover.

NOTICE:

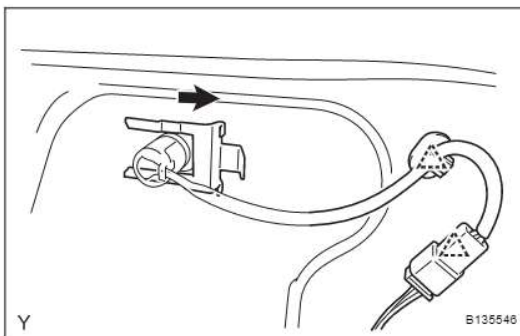
Remove any tape remaining on the door side.

11. REMOVE REAR WIPER ARM AND BLADE ASSEMBLY (w/ Rear Wiper) (See page [WW-39](#))**12. REMOVE REAR WIPER MOTOR (w/ Rear Wiper) (See page [WW-40](#))****13. REMOVE REAR WIPER MOTOR GROMMET (w/ Rear Wiper)****14. REMOVE MULTIPLEX NETWORK DOOR ECU**

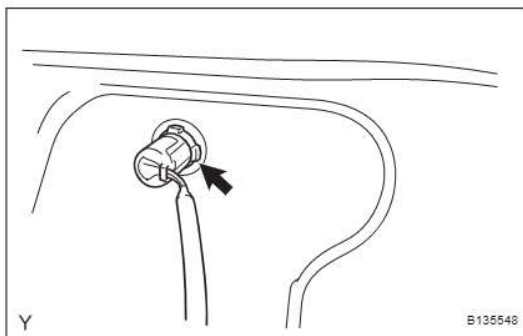
- (a) Disconnect the 2 connectors and harness clamp.
- (b) Remove the 2 screws and the multiplex network door ECU.

**15. REMOVE BACK WINDOW LOCK ASSEMBLY (See page [WS-93](#))****16. REMOVE BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY (See page [ET-90](#))****17. REMOVE BACK DOOR LOCK ASSEMBLY (See page [DL-116](#))****18. REMOVE BACK DOOR LOCK CYLINDER ASSEMBLY**

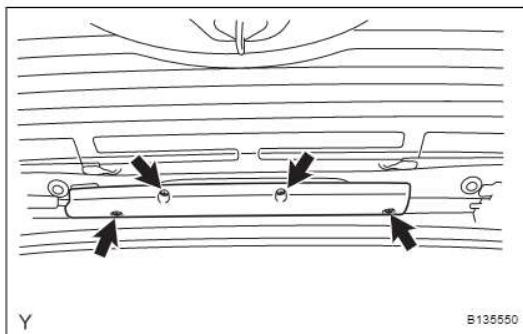
- (a) Disconnect the connector and the 2 clamps.



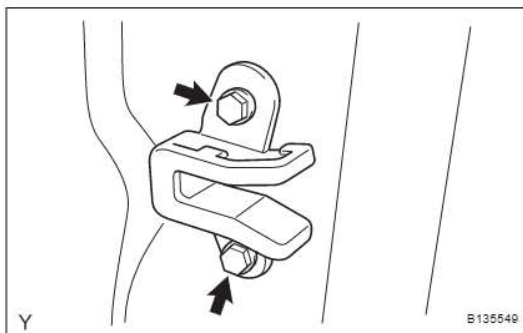
ED

ED-50**ENGINE HOOD / DOOR – BACK DOOR**

- (b) Remove the retainer and the back door lock cylinder.

**19. REMOVE NO. 1 REAR SPOILER COVER**

- (a) Remove the 4 screws and No. 1 rear spoiler cover.

20. REMOVE REAR SPOILER (See page ET-34)**21. REMOVE HIGH MOUNTED STOP LIGHT ASSEMBLY (See page ET-35)****22. REMOVE BACK DOOR SIDE FEMALE STOPPER SUB-ASSEMBLY**

- (a) Remove the 2 bolts and back door side female stopper.

23. REMOVE BACK WINDOW SUPPORT LH (See page ED-61)**24. REMOVE BACK WINDOW SUPPORT RH**

HINT:

Use the same procedure as described for the LH side.

25. REMOVE BACK DOOR GLASS (See page WS-63)**26. REMOVE BACK WINDOW STAY UPPER BRACKET RH (See page WS-63)****27. REMOVE BACK WINDOW STAY UPPER BRACKET LH**

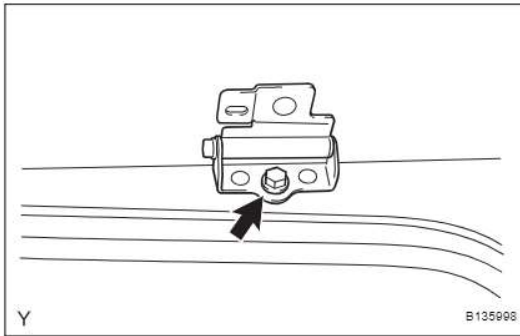
HINT:

Use the same procedure as described for the RH side.

28. REMOVE BACK WINDOW LOCK STRIKER ASSEMBLY (See page WS-63)**29. REMOVE BACK DOOR OUTSIDE HANDLE (See page WS-64)**

ENGINE HOOD / DOOR – BACK DOOR

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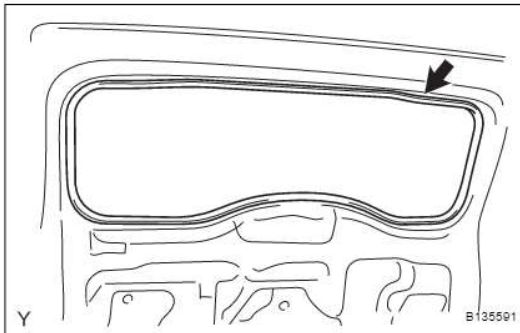
**30. REMOVE BACK DOOR HINGE ASSEMBLY RH**

- (a) Remove the bolt and the back door hinge.

31. REMOVE BACK DOOR HINGE ASSEMBLY LH

HINT:

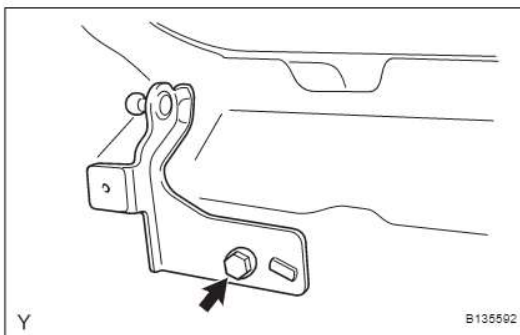
Use the same procedure as described for the RH side.

**32. REMOVE NO. 2 BACK DOOR WEATHERSTRIP**

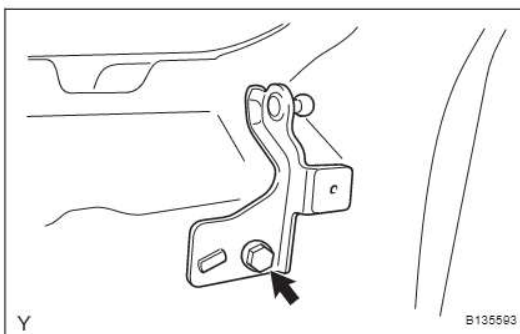
- (a) Remove the No. 2 back door weatherstrip.

NOTICE:

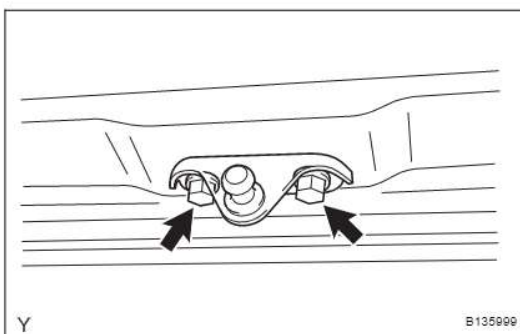
Remove any tape remaining on the door side.

**33. REMOVE BACK DOOR STAY UPPER BRACKET RH**

- (a) Remove the bolt and the back door stay upper bracket.

**34. REMOVE BACK DOOR STAY UPPER BRACKET LH**

- (a) Remove the bolt and the back door stay upper bracket.

35. REMOVE BACK DOOR SUPPORT (See page ED-59)**36. REMOVE BACK DOOR DAMPER STAY LOWER BRACKET**

- (a) Remove the 2 bolts and the back door damper stay lower bracket.

37. REMOVE NO. 1 BACK DOOR NAME PLATE (See page ET-28)**38. REMOVE NO. 2 BACK DOOR NAME PLATE (See page ET-28)****39. REMOVE REAR NAME PLATE (See page ET-29)**

ED

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ENGINE HOOD / DOOR – BACK DOOR

40. REMOVE CUSHION

- (a) Remove the 2 cushions.

41. REMOVE HOLE PLUG

- (a) Remove the 2 hole plugs.

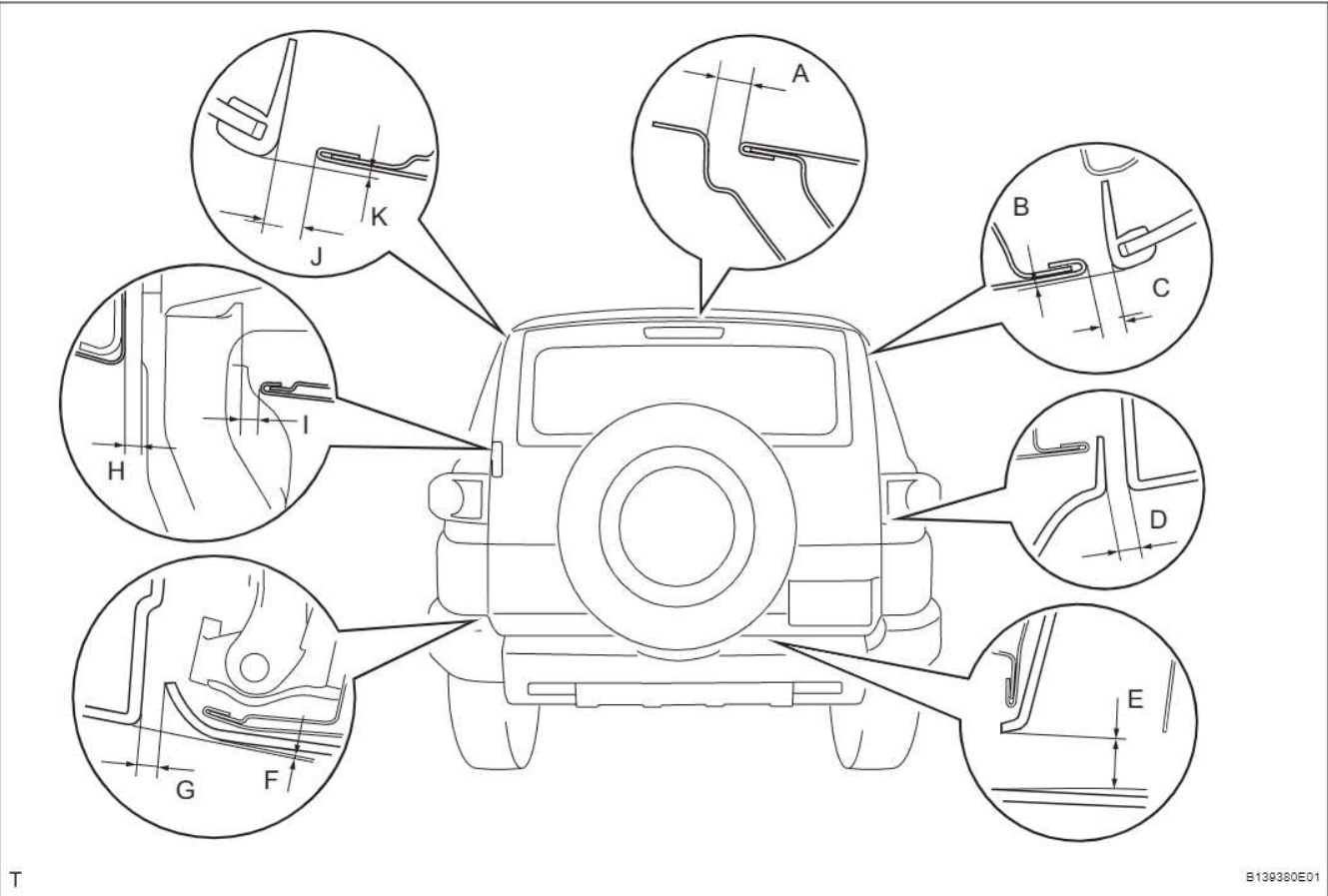
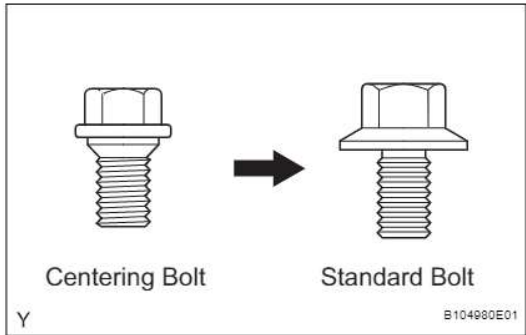
ADJUSTMENT

HINT:

- Centering bolts are used to mount the door hinge onto the vehicle body and door. The door cannot be adjusted with the centering bolts on. Substitute 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 BACK DOOR

- (a) Check that the clearance measurements are within the standard ranges.



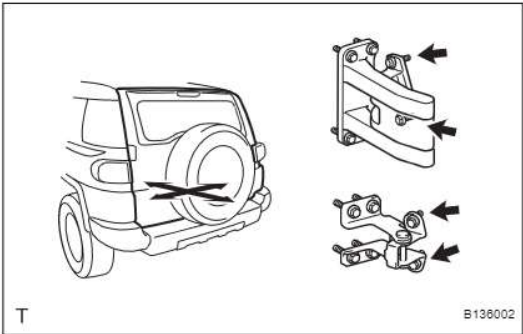
Standard

Area	Measurement	Area	Measurement
A	8.5 to 11.5 mm (0.335 to 0.453 in.)	G	5 to 8 mm (0.197 to 0.315 in.)
B	0 to 3 mm (0 to 0.118 in.)	H	3.5 to 6.5 mm (0.138 to 0.256 in.)
C	5.5 to 8.5 mm (0.217 to 0.335 in.)	I	2.8 to 5.8 mm (0.110 to 0.228 in.)
D	5 to 8 mm (0.197 to 0.315 in.)	J	5.5 to 8.5 mm (0.217 to 0.335 in.)

ENGINE HOOD / DOOR – BACK DOOR

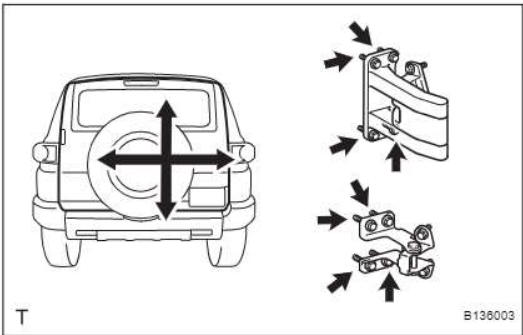
ED-53

Area	Measurement	Area	Measurement
E	13.5 to 16.5 mm (0.531 to 0.650 in.)	K	0 to 3 mm (0 to 0.118 in.)
F	-0.9 to 2.1 mm (-0.035 to 0.0827in.)	-	-

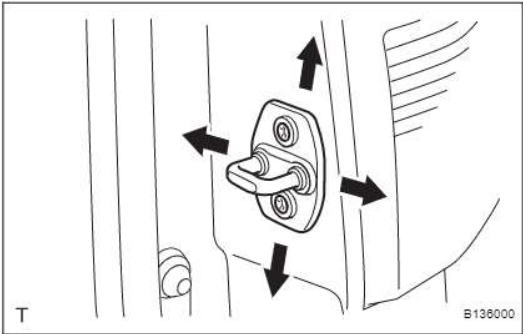


2. ADJUST BACK DOOR

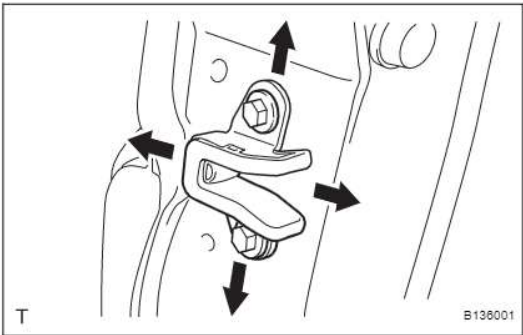
- (a) Adjust the door position.
- (1) Adjust the door horizontally and longitudinally by loosening the 4 door side hinge bolts.
 - (2) Tighten the door side hinge bolts after the adjustment.
- Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)**



- (3) Horizontally and vertically adjust the door by loosening the 8 body side hinge bolts.
 - (4) Tighten the body side hinge bolts after the adjustment.
- Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)**



- (b) Adjust the striker position.
- (1) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic hammer.
 - (2) Tighten the striker mounting screws after the adjustment.
- Torque: 23 N*m (235 kgf*cm, 17 ft.*lbf)**



- (c) Adjust the back door side female stopper.
- (1) Adjust the side female stopper so that the door can be opened/closed smoothly, as shown in the illustration.
 - (2) Tighten the side female stopper bolts after the adjustment.
- Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)**

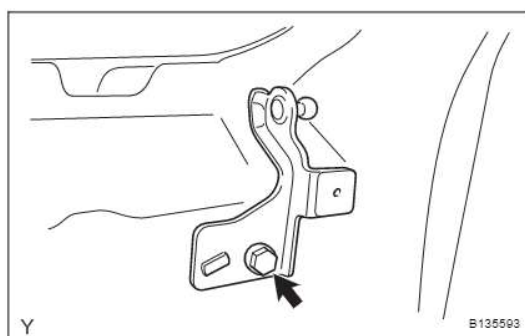
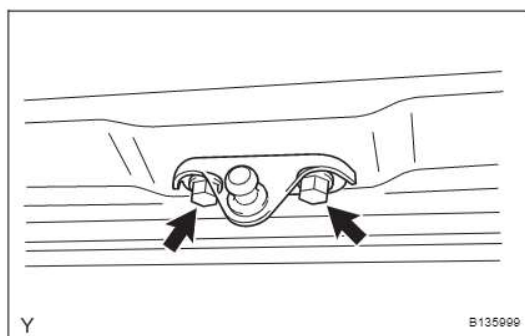
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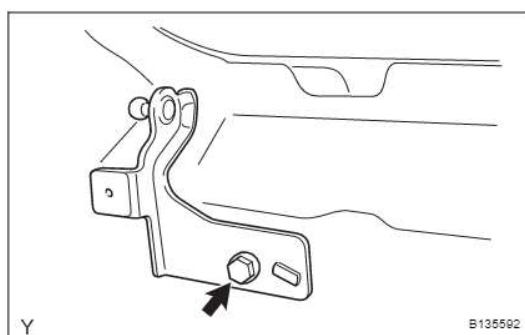
ENGINE HOOD / DOOR – BACK DOOR

REASSEMBLY

1. **INSTALL HOLE PLUG**
(a) Install the 2 hole plugs.
2. **INSTALL CUSHION**
(a) Install the 2 cushions.
3. **INSTALL REAR NAME PLATE** (See page [ET-29](#))
4. **INSTALL NO. 2 BACK DOOR NAME PLATE** (See page [ET-30](#))
5. **INSTALL NO. 1 BACK DOOR NAME PLATE** (See page [ET-31](#))
6. **INSTALL BACK DOOR DAMPER STAY LOWER BRACKET**
(a) Install the back door damper stay lower bracket with the 2 bolts.
Torque: 20 N*m (199 kgf*cm, 14 ft.*lbf)
7. **INSTALL BACK DOOR SUPPORT** (See page [ED-59](#))



8. **INSTALL BACK DOOR STAY UPPER BRACKET LH**
(a) Install the back door stay upper bracket with the bolt.
Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)

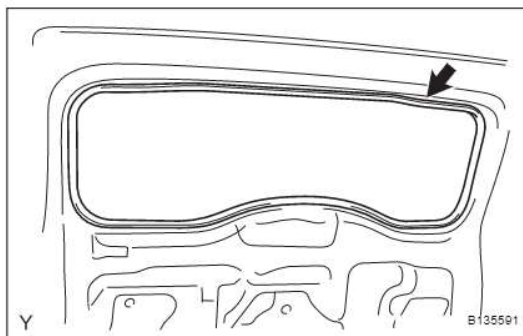


9. **INSTALL BACK DOOR STAY UPPER BRACKET RH**
(a) Install the back door stay upper bracket with the bolt.
Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)

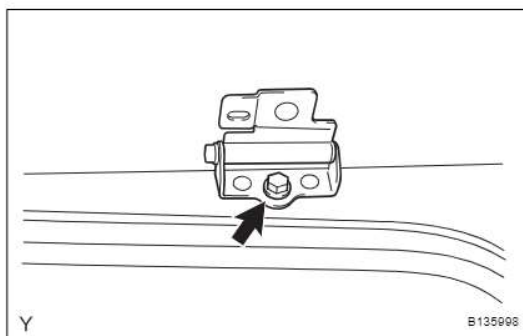
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ENGINE HOOD / DOOR – BACK DOOR

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**10. INSTALL NO. 2 BACK DOOR WEATHERSTRIP**

- (a) Install the No. 2 back door weatherstrip.

**11. INSTALL BACK DOOR HINGE ASSEMBLY RH**

- (a) Install the back door hinge with the bolt.

Torque: 20 N*m (199 kgf*cm, 14 ft.*lbf)

12. INSTALL BACK DOOR HINGE ASSEMBLY LH

HINT:

Use the same procedure as described for the RH side.

13. INSTALL BACK DOOR OUTSIDE HANDLE (See page [WS-65](#))**14. INSTALL BACK WINDOW LOCK STRIKER ASSEMBLY (See page [WS-65](#))****15. INSTALL BACK WINDOW STAY UPPER BRACKET RH (See page [WS-65](#))****16. INSTALL BACK WINDOW STAY UPPER BRACKET LH**

HINT:

Use the same procedure as described for the RH side.

17. INSTALL BACK DOOR GLASS (See page [WS-66](#))**18. INSTALL BACK WINDOW SUPPORT LH (See page [ED-61](#))****19. INSTALL BACK WINDOW SUPPORT RH**

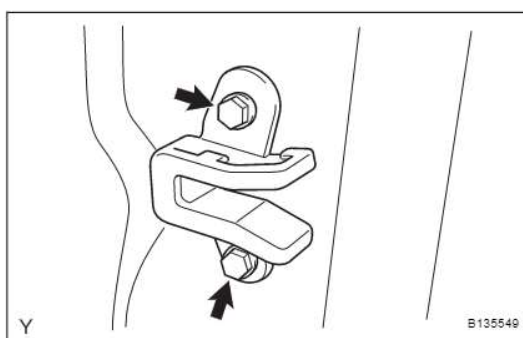
HINT:

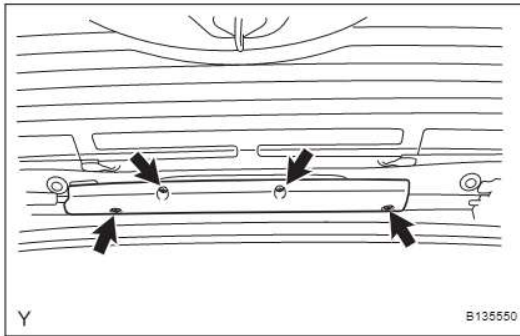
Use the same procedure as described for the LH side.

20. INSTALL BACK DOOR SIDE FEMALE STOPPER SUB-ASSEMBLY

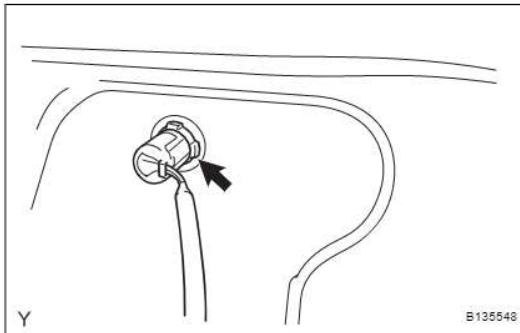
- (a) Install the back door side female stopper with the 2 bolts.

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

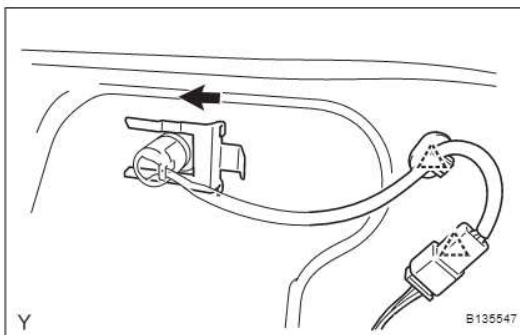
21. INSTALL HIGH MOUNTED STOP LIGHT ASSEMBLY (See page [ET-35](#))**22. INSTALL REAR SPOILER (See page [ET-35](#))****ED**

ED-56**ENGINE HOOD / DOOR – BACK DOOR****23. INSTALL NO. 1 REAR SPOILER COVER**

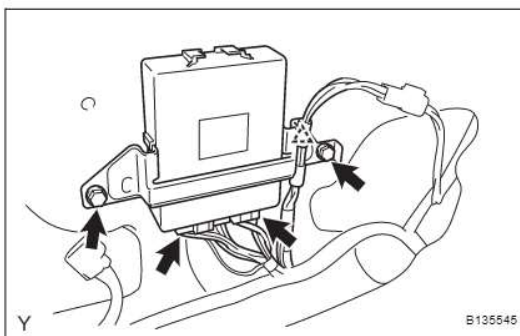
- (a) Install the No. 1 rear spoiler cover with the 4 screws.

**24. INSTALL BACK DOOR LOCK CYLINDER ASSEMBLY**

- (a) Install the back door lock cylinder with the retainer.



- (b) Connect the connector and the 2 clamps.

25. INSTALL BACK DOOR LOCK ASSEMBLY (See page [DL-118](#))**26. INSTALL BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY (See page [ET-91](#))****27. INSTALL BACK WINDOW LOCK ASSEMBLY (See page [WS-95](#))****28. INSTALL MULTIPLEX NETWORK DOOR ECU**

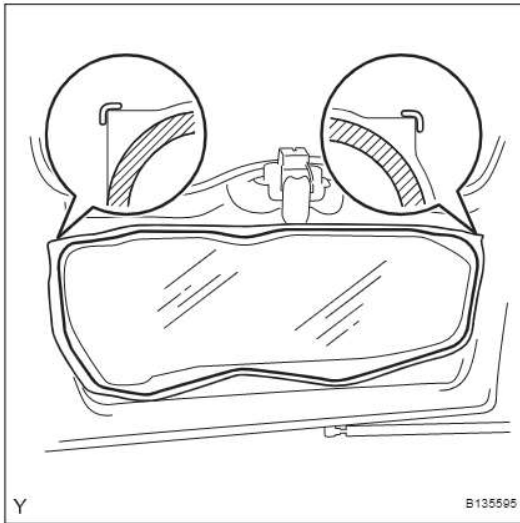
- (a) Install the multiplex network door ECU with the 2 screws.

- (b) Connect the 3 connectors and 2 harness clamps.

29. INSTALL REAR WIPER MOTOR GROMMET (w/ Rear Wiper)**30. INSTALL REAR WIPER MOTOR (w/ Rear Wiper) (See page [WW-40](#))****31. INSTALL REAR WIPER ARM AND BLADE ASSEMBLY (w/ Rear Wiper) (See page [WW-41](#))****ED**

ENGINE HOOD / DOOR – BACK DOOR

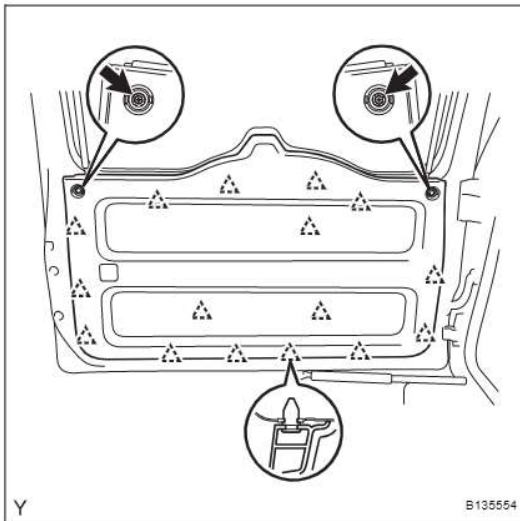
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**32. INSTALL BACK DOOR SERVICE HOLE COVER**

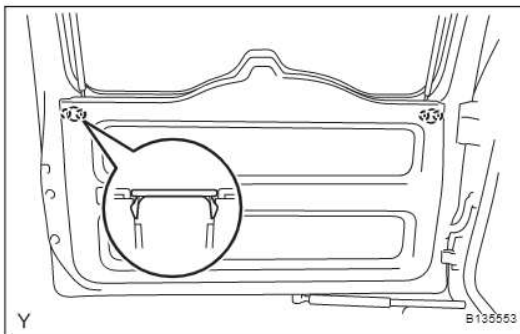
- (a) Apply butyl tape to the door panel, then install the new back door service hole cover as shown in the illustration.

HINT:

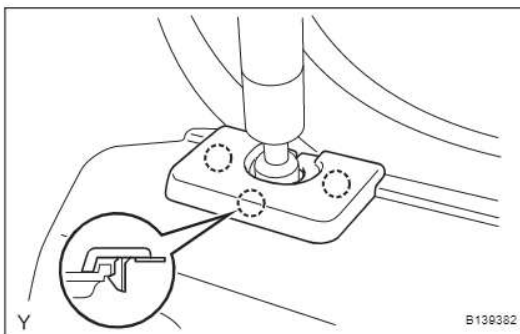
- When installing the service hole cover, pull the links and connectors out through the service hole.
- There should be no wrinkles or folds after attaching the service hole cover.
- After attaching the service hole cover, check the quality of the seal.

**33. INSTALL BACK DOOR TRIM BOARD**

- (a) Engage the 16 clips and install the back door trim board.
- (b) Install the 2 screws.

**34. INSTALL DOOR TRIM RETAINER CAP**

- (a) Engage the 2 claws and install the door trim retainer cap.

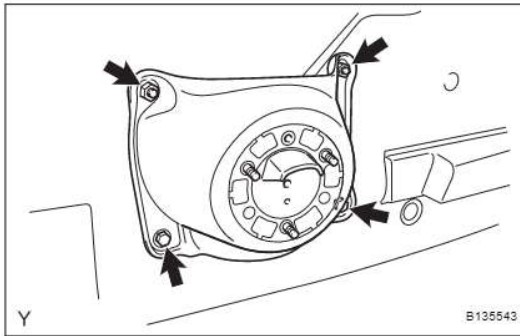
**35. INSTALL BACK DOOR TRIM COVER RH**

- (a) Engage the 3 claws and back door trim cover.

36. INSTALL BACK DOOR TRIM COVER LH**HINT:**

Use the same procedure as described for the RH side.

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ED-58**ENGINE HOOD / DOOR – BACK DOOR****37. INSTALL SPARE WHEEL CARRIER BRACKET SUB-ASSEMBLY**

- (a) Install the spare wheel carrier bracket with the 2 bolts and 2 nuts.

Torque: 48 N*m (489 kgf*cm, 35 ft.*lbf)

38. INSTALL BACK DOOR OUTSIDE MOULDING RH (See page [ET-72](#))**39. INSTALL BACK DOOR OUTSIDE MOULDING LH (See page [ET-73](#))****40. INSTALL SPARE DISC WHEEL**

Torque: 88 N*m (897 kgf*cm, 65 ft.*lbf)

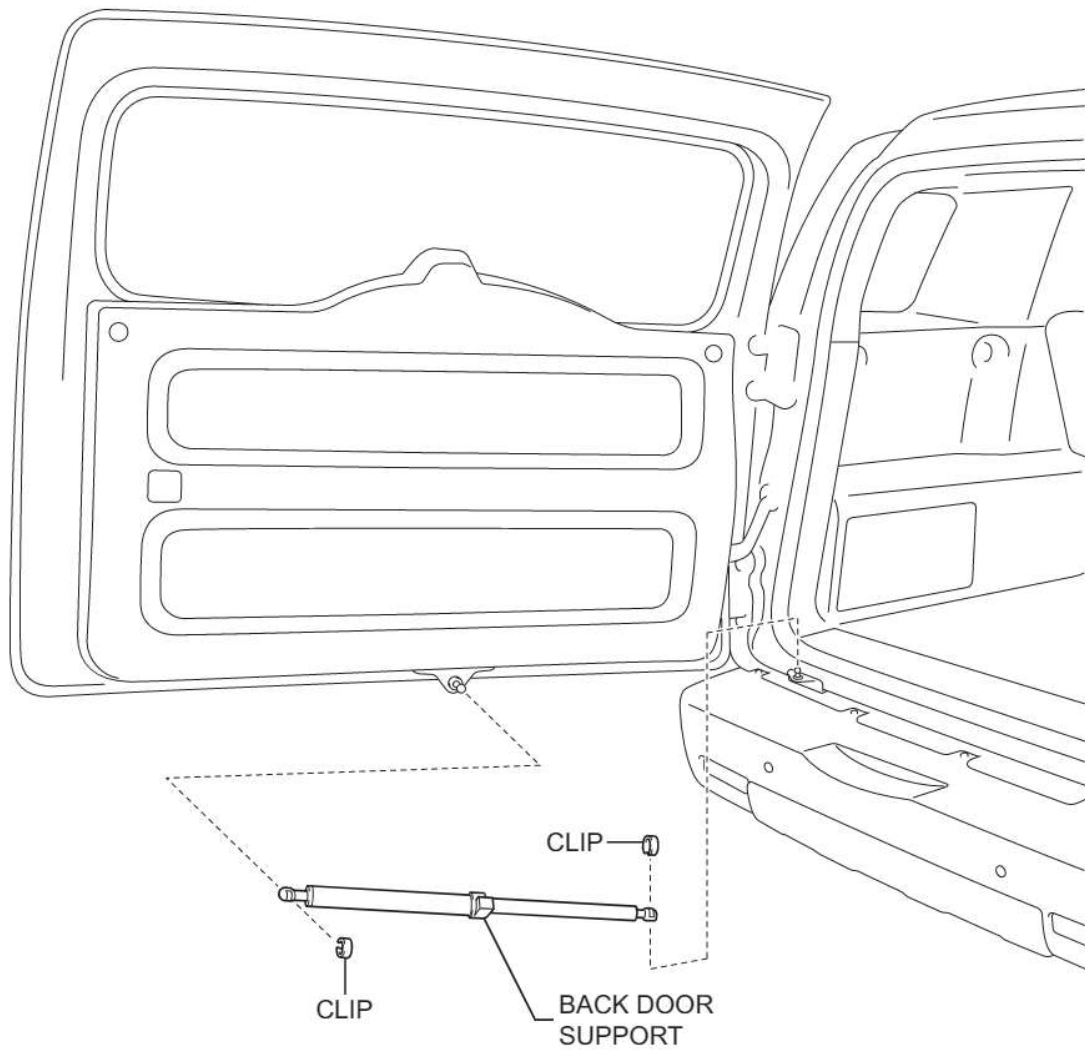
41. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

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

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ENGINE HOOD / DOOR – BACK DOOR SUPPORT

BACK DOOR SUPPORT COMPONENTS

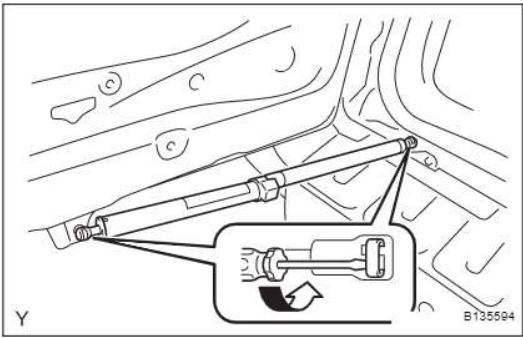


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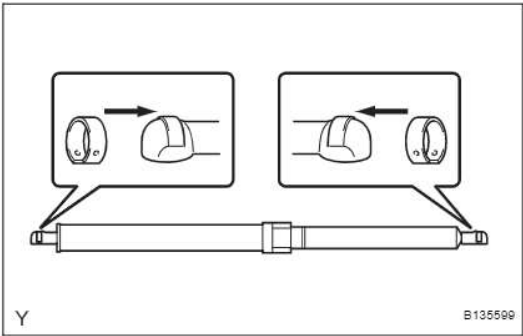
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ENGINE HOOD / DOOR – BACK DOOR SUPPORT



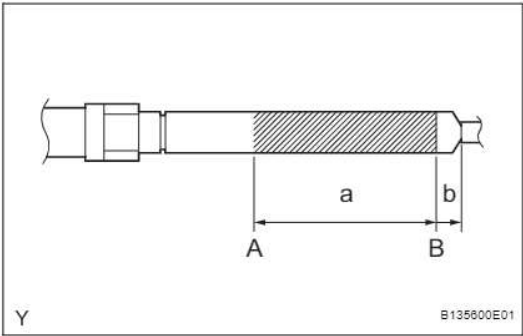
REMOVAL

1. REMOVE BACK DOOR SUPPORT
- (a) Using a screwdriver with its tip wrapped in protective tape, remove the 2 stop rings and back door support.
- NOTICE:**
- Do not touch the rod of the back door support with gloves, to avoid fibers from adhering.
 - When foreign matter adheres to the rod, it prevents the rod from moving smoothly and reduces its holding power.



INSTALLATION

1. INSTALL BACK DOOR SUPPORT
- (a) Install the 2 stop rings onto the back door support.
- (b) Install the back door support.



DISPOSAL

1. DISPOSE OF BACK DOOR SUPPORT
- (a) Horizontally fix the back door support in a vise with the piston-rod pulled out.
- (b) Wearing protective glasses, using a metal saw gradually cut the shaded part between A and B, shown in the illustration, to gradually release the gas.

Specification

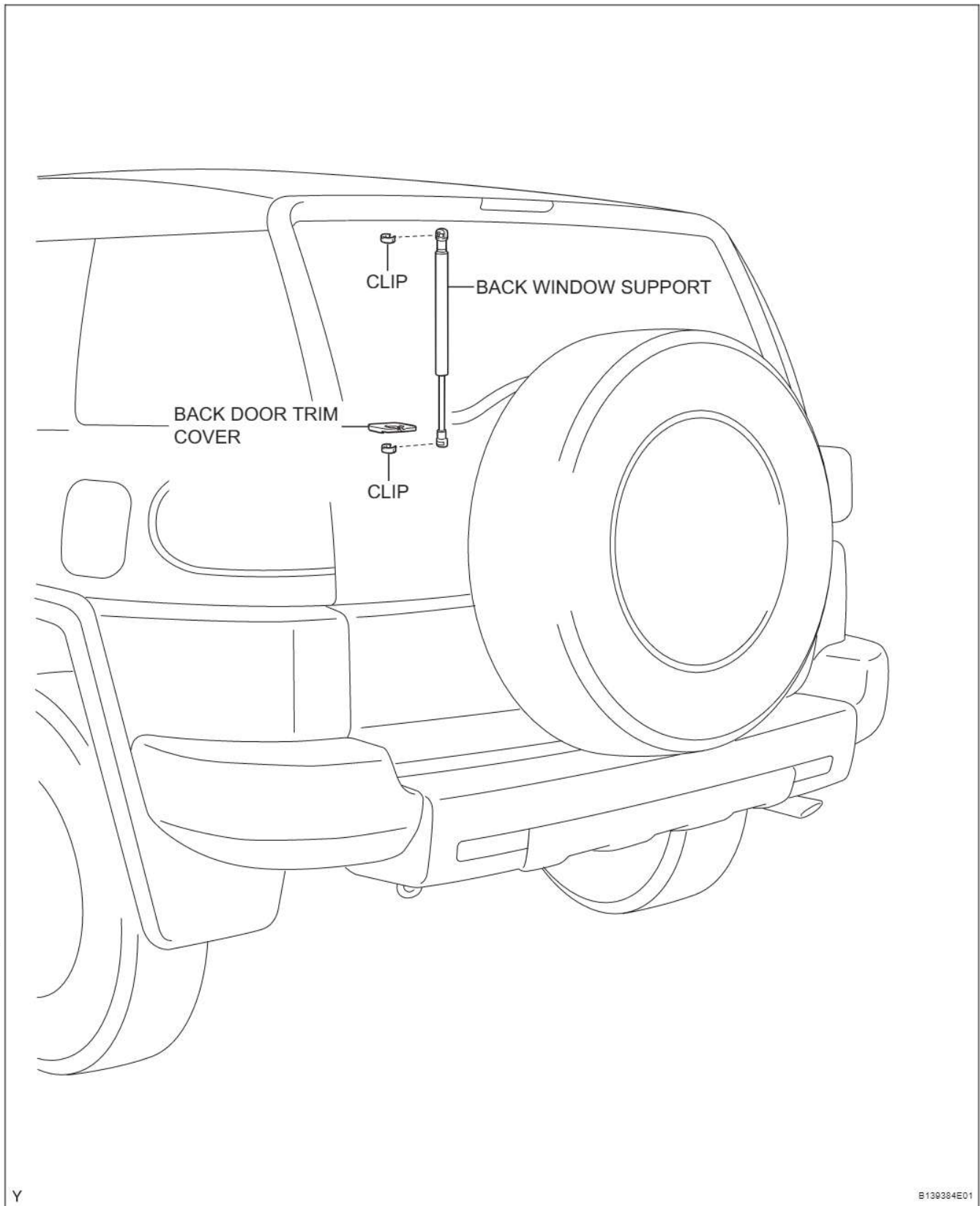
Area	Measurement
a	80 mm (3.15 in.)
b	20 mm (0.80 in.)

- CAUTION:**
- Cover the area that is being cut with a shop rag or a piece of cloth because there is a possibility that metal shards may be dispersed by the gas.
 - The gas is colorless, odorless and harmless.

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ENGINE HOOD / DOOR – BACK WINDOW SUPPORT

BACK WINDOW SUPPORT COMPONENTS



ED

REMOVAL

HINT:

- Use the same procedure for both the RH and LH sides.
- The procedure described below is for the LH side.

1. **REMOVE BACK DOOR TRIM COVER** (See page [ED-48](#))
2. **REMOVE BACK WINDOW SUPPORT**

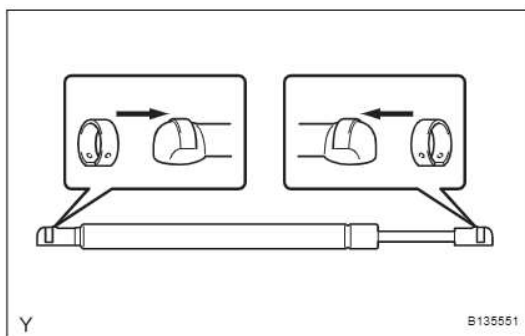
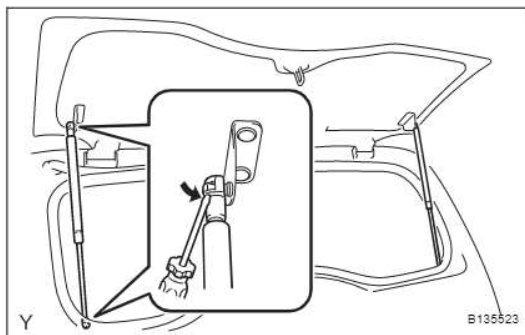
- (a) Using a screwdriver with its tip wrapped in protective tape, remove the 2 stop rings and back window support.

NOTICE:

- Do not touch the rod of the back window support with gloves, to avoid fibers from adhering.
- When foreign matter adheres to the rod, it prevents the rod from moving smoothly and reduces its holding power.

HINT:

Support the back door glass by hand while removing the back window support.



INSTALLATION

1. **INSTALL BACK WINDOW SUPPORT**
 - (a) Install the 2 stop rings onto the back window support.
 - (b) Install the back window support.
2. **INSTALL BACK DOOR TRIM COVER** (See page [ED-57](#))

DISPOSAL

- HINT:
- Use the same procedure for both the RH and LH sides.
 - The procedure described below is for the LH side.

1. DISPOSE OF BACK WINDOW SUPPORT

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

Specification

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

- CAUTION:
- Cover the area that is being cut with a shop rag or a piece of cloth because there is a possibility that metal shards may be dispersed by the gas.
 - The gas is colorless, odorless and harmless.

