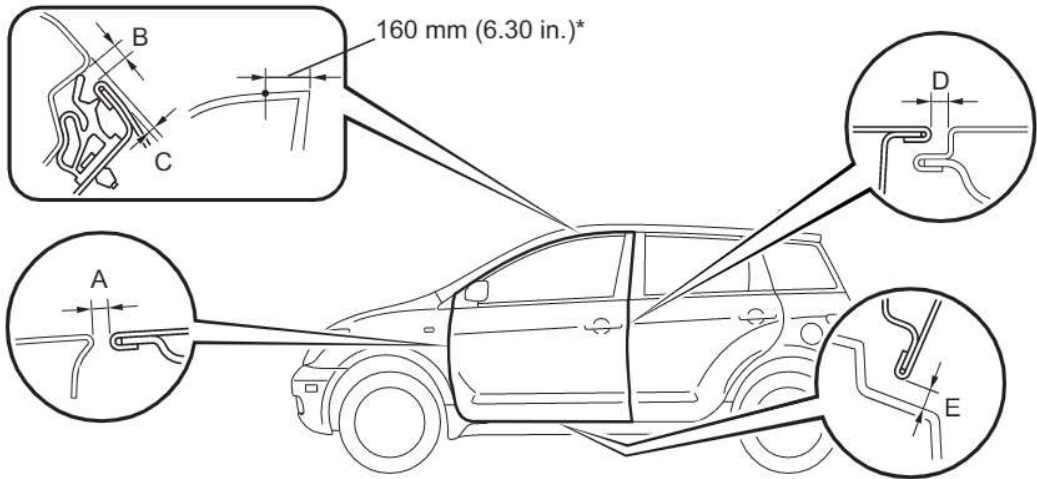


ENGINE HOOD / DOOR – FRONT DOOR

ON-VEHICLE INSPECTION

1. INSPECT FRONT DOOR PANEL SUB-ASSEMBLY
- (a) Check that the clearance measurements of areas A to E are within the standard range.



*: 160 mm (6.30 in.) from the end of the window frame, check clearances B and C as illustrated in the cross section.

Standard measurement

Area	Specified Condition
A	5.0 +-1.5 mm (0.197 +-0.059 in.)
B	5.1 +-1.5 mm (0.200 +-0.059 in.)
C	1.9 +-1.5 mm (0.075 +-0.059 in.)
D	5.5 +-1.5 mm (0.220 +-0.059 in.)
E	6.0 +-1.5 mm (0.240 +-0.059 in.)

ED

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ENGINE HOOD / DOOR – FRONT DOOR

DISASSEMBLY

HINT:

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

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

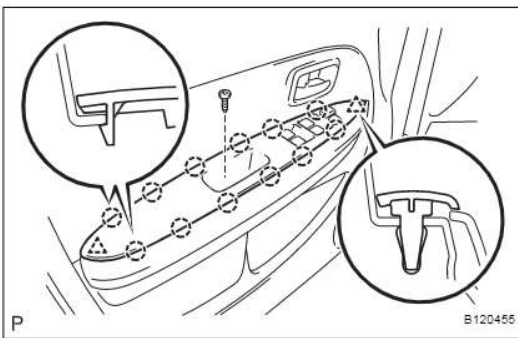
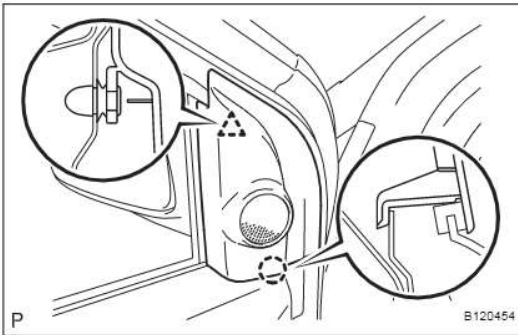
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH

- (a) Using a screwdriver, detach the clip and claw, and remove the garnish.

HINT:

Tape the screwdriver tip before use.



3. REMOVE FRONT ARMREST BASE PANEL UPPER LH

- (a) Remove the screw.
(b) Using a screwdriver, detach the 12 claws and 2 clips, and remove the armrest base panel together with the switch.

HINT:

Tape the screwdriver tip before use.

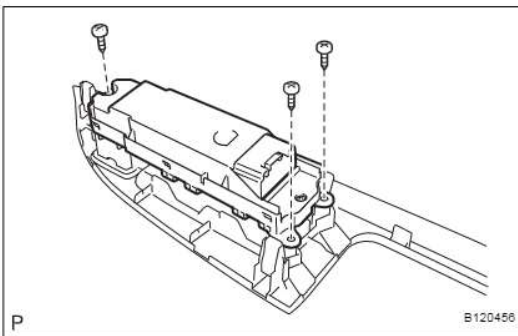
- (c) Disconnect the switch connector.

- (d) Driver side:

Remove the 3 screws and switch from the armrest base panel upper.

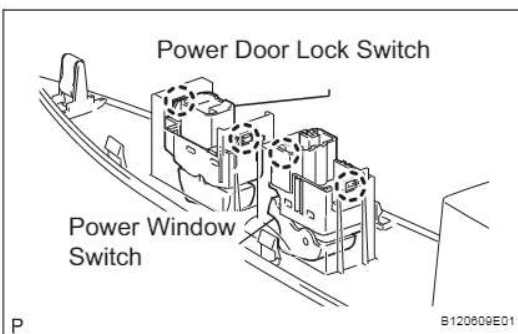
NOTICE:

Be careful when removing the screw as the master switch may fall and become damaged.

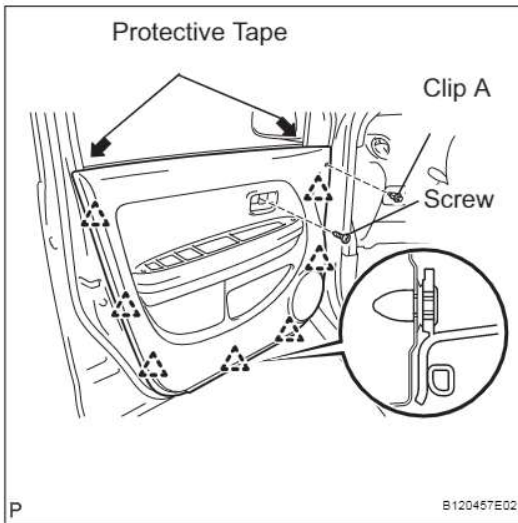


- (e) Passenger side:

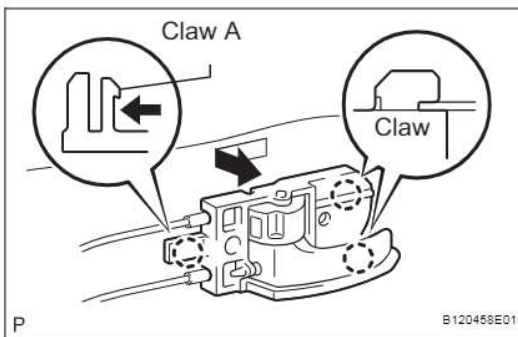
- (1) Detach the 2 claws and power window switch from the armrest base panel upper.
(2) Detach the 2 claws and door lock switch from the armrest base panel upper.



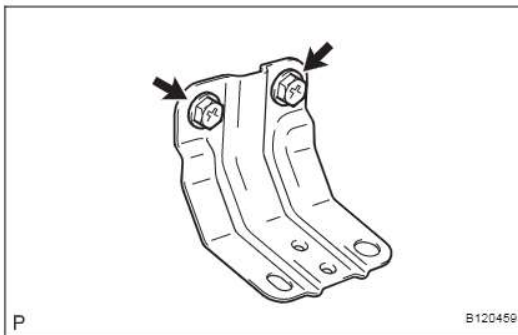
ENGINE HOOD / DOOR – FRONT DOOR

**4. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH**

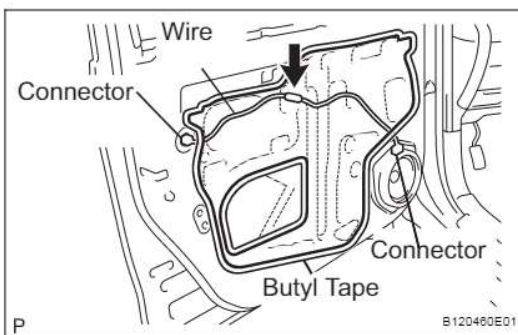
- Remove the screw and clip A as shown in the illustration.
- Using a clip remover, detach the 7 clips.
- Remove the trim board upward.
HINT:
In order to prevent the door panel from being damaged, use protective tape to cover the areas indicated by the arrow marks in the illustration.
- Using a screwdriver, detach the claws and remove the weatherstrip inner.
HINT:
Tape the screwdriver tip before use.

**5. REMOVE FRONT DOOR INSIDE HANDLE SUB-ASSEMBLY LH**

- Using a screwdriver, detach claw A.
HINT:
Tape the screwdriver tip before use.
- Move the inside handle in the direction indicated by the arrow mark in the illustration. This will release the 2 claws and allow removal of the inside handle.
- Disconnect the 2 cables from the inside handle.

**6. REMOVE FRONT DOOR SERVICE HOLE COVER LH**

- Remove the 2 bolts and trim bracket.



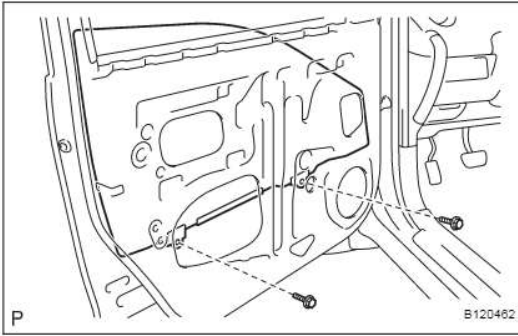
- Disconnect the 2 connectors.
- Using a screwdriver, remove the clip indicated by the arrow mark and remove the wire.
HINT:
Tape the screwdriver tip before use.
- Remove the service hole cover.

7. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY (See page AV-7)**8. REMOVE OUTER REAR VIEW MIRROR ASSEMBLY LH (See page MI-7)****9. REMOVE FRONT DOOR GLASS WEATHERSTRIP ASSEMBLY OUTER LH (See page ET-19)****10. REMOVE FRONT NO. 1 SPEAKER ASSEMBLY (See page AV-4)**

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ENGINE HOOD / DOOR – FRONT DOOR



11. REMOVE FRONT DOOR GLASS SUB-ASSEMBLY LH

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

NOTICE:

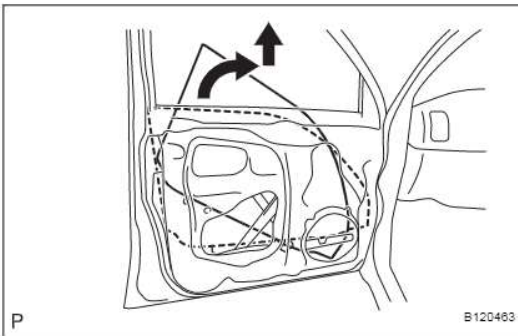
Be careful when removing the bolts as the glass may fall and become damaged.

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

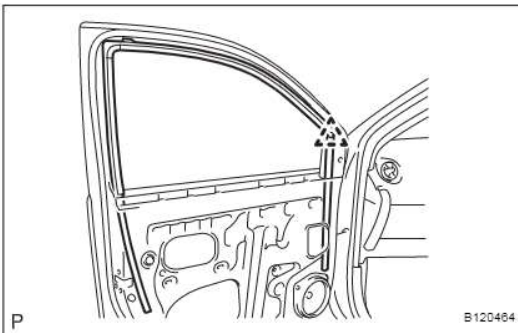
NOTICE:

Be careful not to damage the glass.

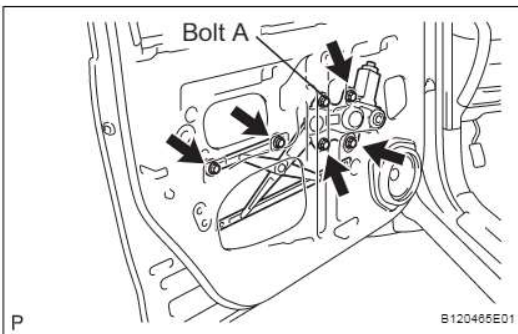
- (f) Driver side:
Remove the window regulator master switch.
- (g) Passenger side:
Remove the power window regulator switch.



- (h) Using a clip remover, remove the clip as shown in the illustration.
- (i) Remove the glass run.



ED



12. REMOVE FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY LH

- (a) Disconnect the window regulator connector.
- (b) Loosen bolt A shown in the illustration.
- (c) Remove the 5 bolts and window regulator.

HINT:

Remove the window regulator through the service hole.

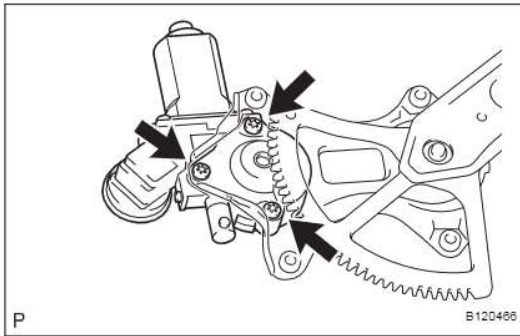
NOTICE:

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

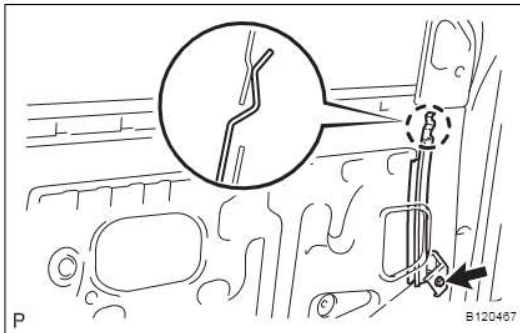
- (d) Remove bolt A from the window regulator.

ENGINE HOOD / DOOR – FRONT DOOR

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**13. REMOVE POWER WINDOW REGULATOR MOTOR ASSEMBLY LH FRONT**

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

**14. REMOVE FRONT DOOR FRAME SUB-ASSEMBLY FRONT LOWER LH**

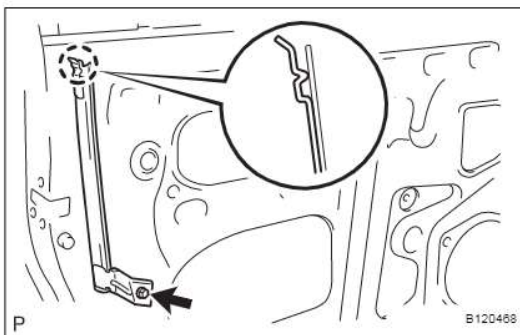
- (a) Remove the bolt and frame.

HINT:

Remove the frame through the service hole.

NOTICE:

Be careful when removing the bolt as the frame may fall and become damaged.

**15. REMOVE FRONT DOOR FRAME SUB-ASSEMBLY REAR LOWER LH**

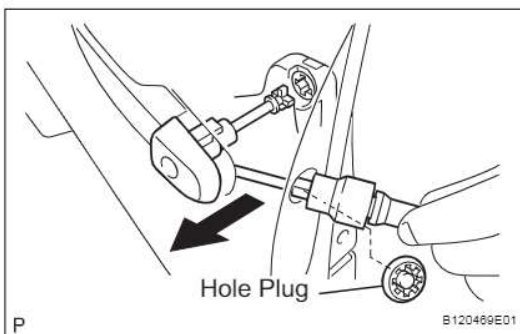
- (a) Remove the bolt and frame.

HINT:

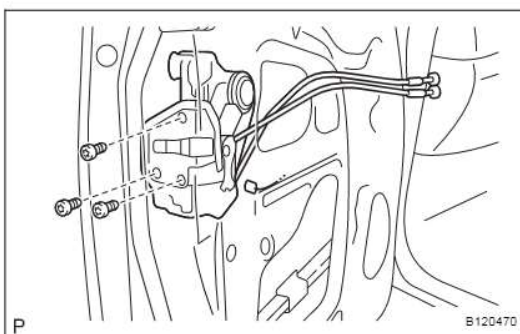
Remove the frame through the service hole.

NOTICE:

Be careful when removing the bolt as the frame may fall and become damaged.

**16. REMOVE FRONT DOOR OUTSIDE HANDLE COVER LH**

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

**17. REMOVE FRONT DOOR WITH MOTOR LOCK ASSEMBLY LH**

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

HINT:

Remove the door lock through the service hole.

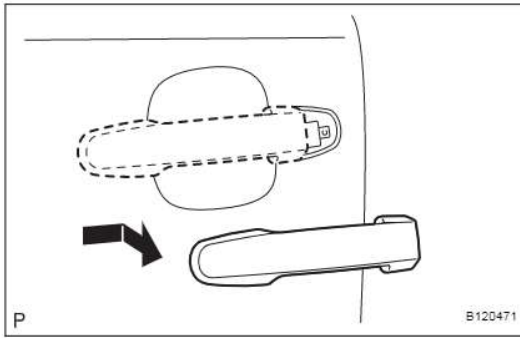
NOTICE:

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

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ENGINE HOOD / DOOR – FRONT DOOR

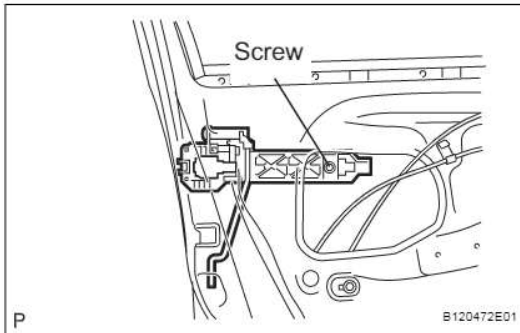
**18. REMOVE FRONT DOOR HANDLE ASSEMBLY OUTSIDE LH**

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

- (b) 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 OUTSIDE HANDLE FRAME SUB-ASSEMBLY LH**

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

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

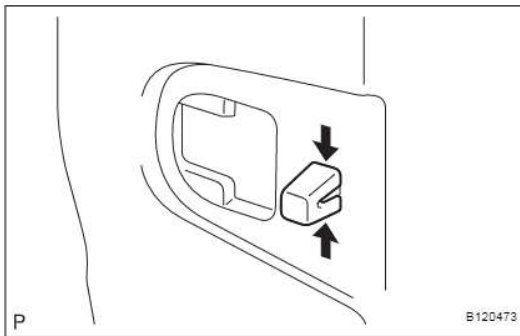
HINT:

Remove the frame through the service hole.

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.

- (c) Remove the lock open rod.

**20. REMOVE FRONT DOOR CHECK ASSEMBLY LH**

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

HINT:

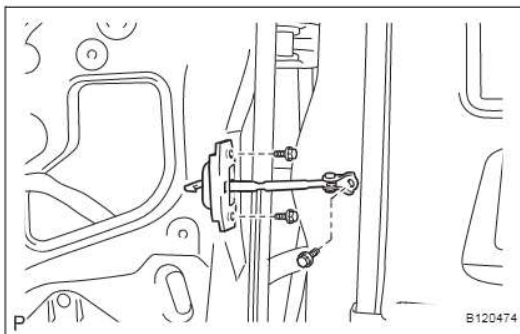
Remove the check through the service hole.

21. REMOVE FRONT DOOR WEATHERSTRIP LH

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

HINT:

If clips are damaged during removal, replace them.

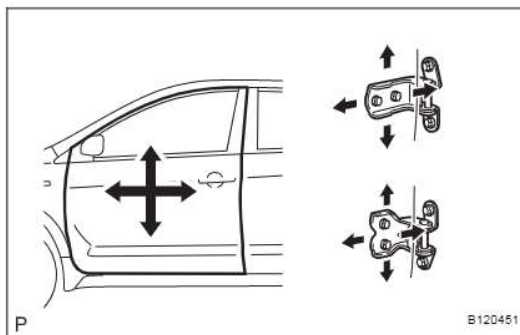
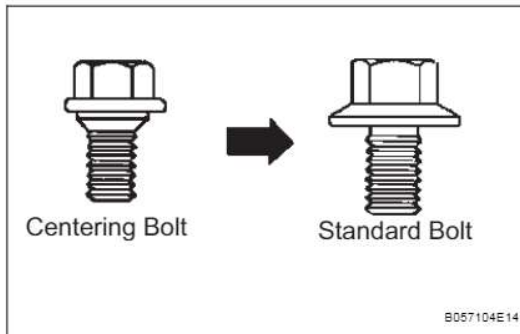


ED

ADJUSTMENT

HINT:

- Before adjusting the door position for vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the negative (-) terminal cable from the battery. After adjustment, inspect the SRS warning light, side airbag system and curtain shield airbag system for normal operation. Then initialize both airbag systems.
- 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 [SS-2](#)).



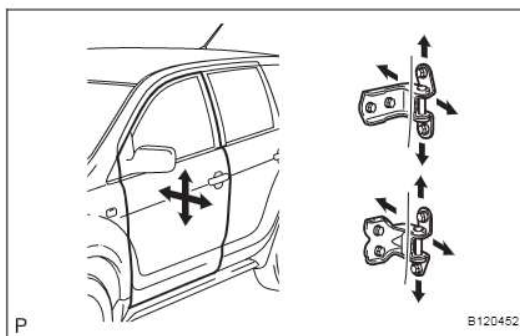
1. **ADJUST FRONT DOOR PANEL SUB-ASSEMBLY LH**
 - (a) Using SST, loosen the body's hinge bolts and adjust the door's position.

SST 09812-00010, 09812-00020

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

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

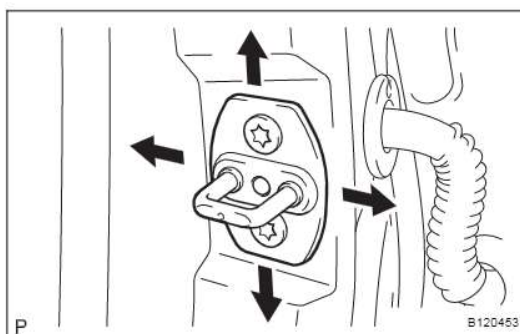
ED



- (c) Loosen the door's hinge bolts and adjust the door's position.

- (d) Tighten the door side hinge bolts after the adjustment.

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



- (e) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.

- (f) Tighten the striker mounting screws after the adjustment.

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

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ENGINE HOOD / DOOR – FRONT DOOR

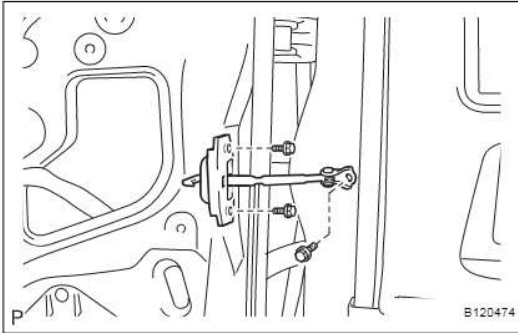
REASSEMBLY

HINT:

- Use the same procedure 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 [SS-2](#)).

1. INSTALL FRONT DOOR WEATHERSTRIP LH

- (a) Install the weatherstrip and attach the clips.



2. REMOVE FRONT DOOR CHECK ASSEMBLY LH

- (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)

HINT:

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

- (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)

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

- (a) Install the lock open rod.
- (b) Apply MP grease to the sliding areas of the frame.
- (c) Using a T30 "torx" socket wrench, install the frame with the screw.

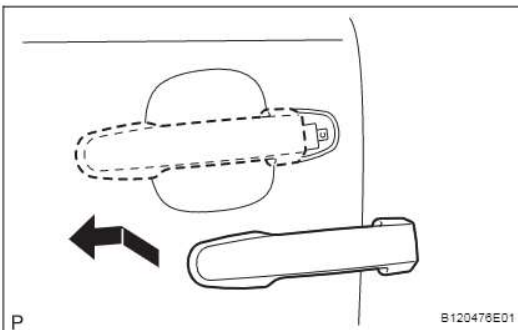
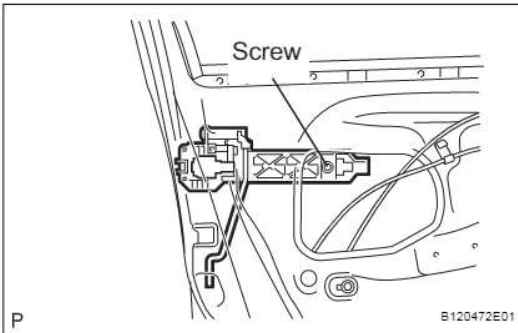
Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)

4. INSTALL FRONT DOOR HANDLE ASSEMBLY OUTSIDE LH

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.

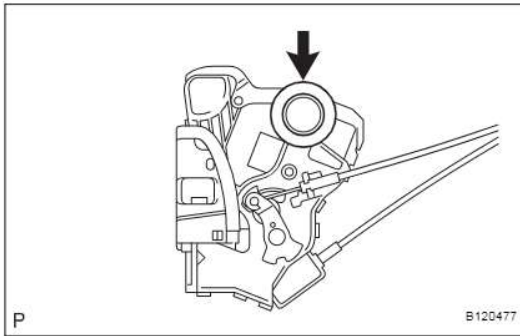
- (a) Install the outside handle pad front and rear.
- (b) Install the handle by pushing it in the direction of the arrow mark in the illustration.



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ENGINE HOOD / DOOR – FRONT DOOR

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5. INSTALL FRONT DOOR WITH MOTOR LOCK ASSEMBLY LH

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

NOTICE:

- When reinstalling a door lock, always use new packing.
- Do not allow grease or dirt to contaminate the gap between the door panel and packing.
- Old packing or damaged packing cannot effectively protect against water. Water will damage the door lock.

- (c) Install the control rod into the door lock, and then set it to the door panel.

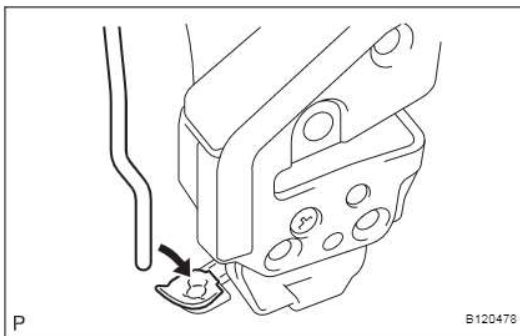
NOTICE:

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

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

Adhesive:

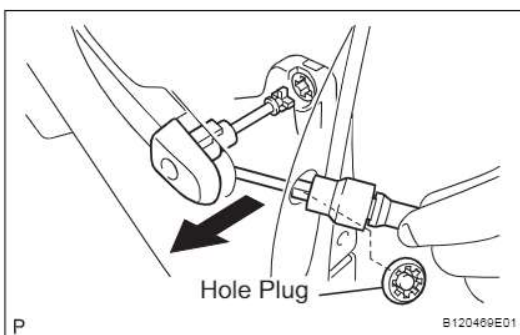
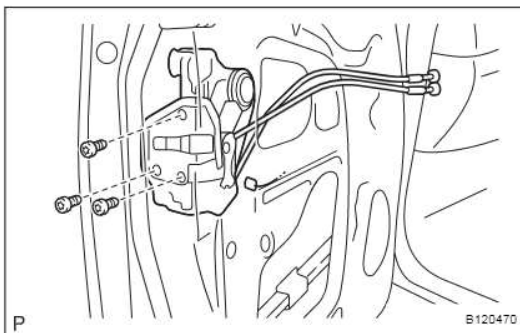
Part No. 08833-00070, THREE BOND 1324 or equivalent



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

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

- (f) Connect the door lock connector.



6. INSTALL FRONT DOOR OUTSIDE HANDLE COVER LH

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

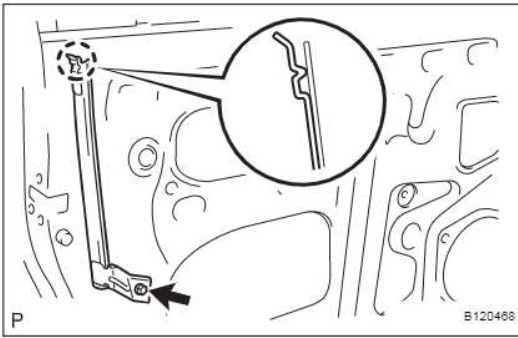
Torque: 4.0 N*m (41 kgf*cm, 37 in.*lbf)

- (b) Install the hole plug.

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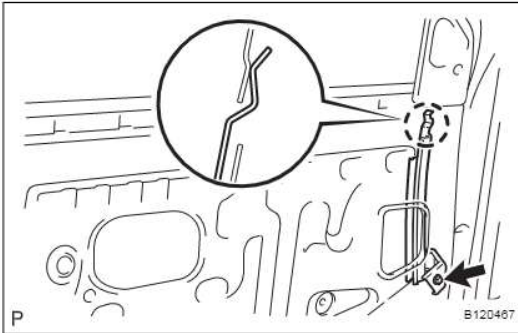
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ENGINE HOOD / DOOR – FRONT DOOR



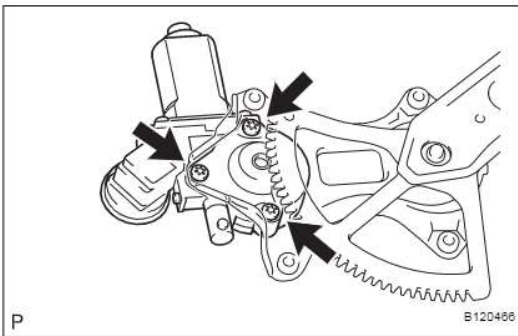
7. INSTALL FRONT DOOR FRAME SUB-ASSEMBLY REAR LOWER LH

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



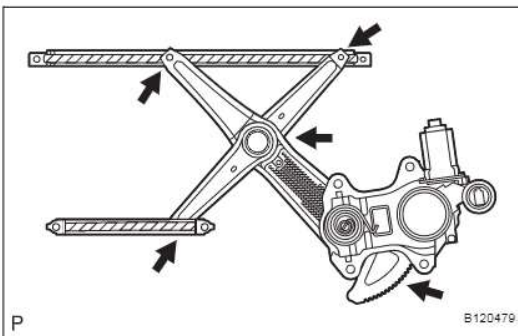
8. INSTALL FRONT DOOR FRAME SUB-ASSEMBLY FRONT LOWER LH

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



9. INSTALL POWER WINDOW REGULATOR MOTOR ASSEMBLY LH FRONT

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

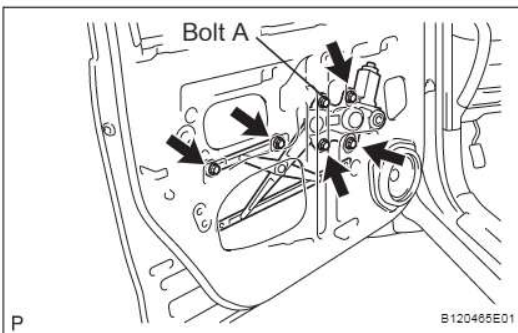


10. INSTALL FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY LH

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

NOTICE:

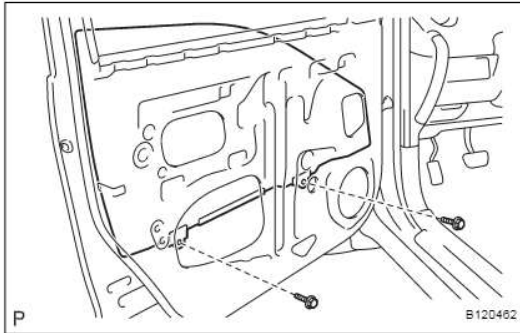
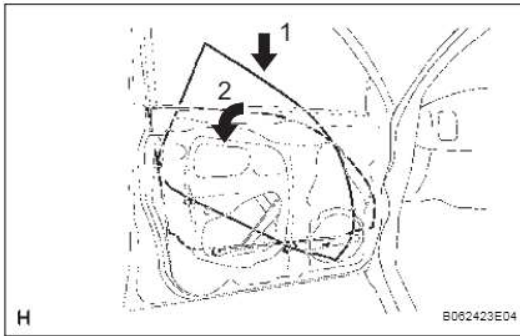
Do not apply grease to the spring of the window regulator.



- (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.

ENGINE HOOD / DOOR – FRONT DOOR

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

- (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 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)

- (d) Inspect operation of the power window.

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

12. INSTALL FRONT NO. 1 SPEAKER ASSEMBLY (See page AV-5)**13. INSTALL FRONT DOOR GLASS WEATHERSTRIP ASSEMBLY OUTER LH (See page ET-20)****14. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY LH (See page MI-9)****15. INSTALL NO. 2 FRONT SPEAKER ASSEMBLY (See page AV-8)****16. INSTALL FRONT DOOR SERVICE HOLE COVER LH**

- (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.

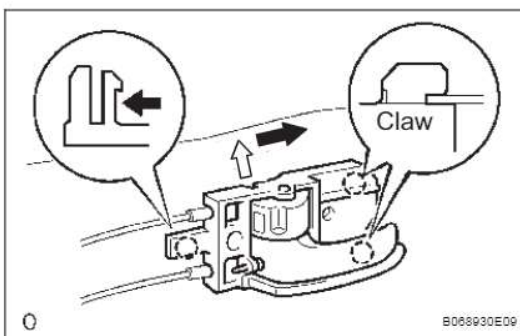
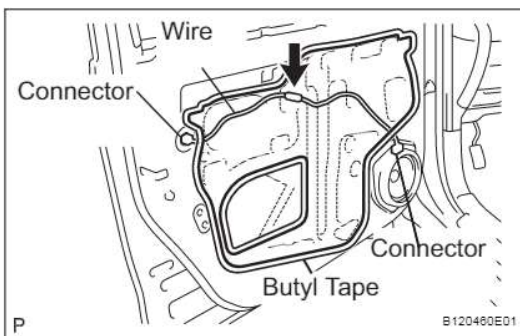
- (c) Connect the 2 connectors and install the wire.

- (d) Install the trim bracket with the 2 bolts.

17. INSTALL FRONT DOOR INSIDE HANDLE SUB-ASSEMBLY LH

- (a) Move the inside handle in the direction indicated by the arrow in the illustration to install the inside handle.

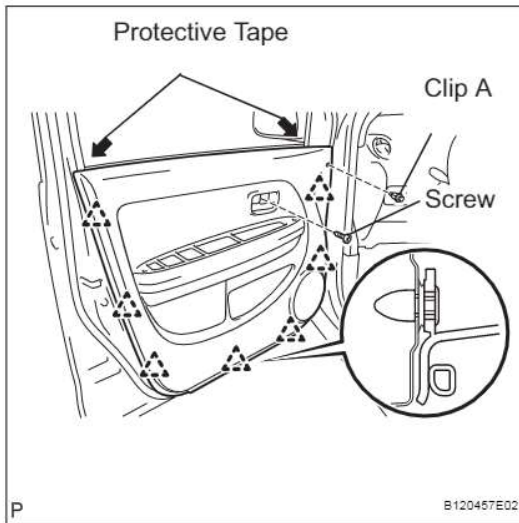
- (b) Connect the 2 cables to the inside handle.



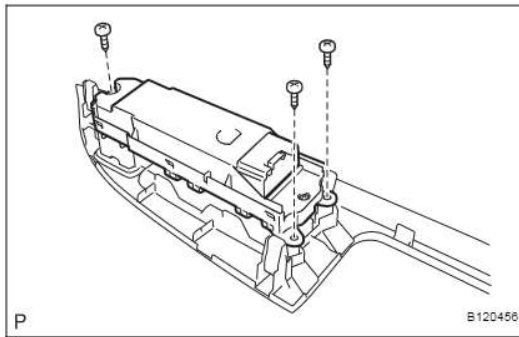
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ENGINE HOOD / DOOR – FRONT DOOR

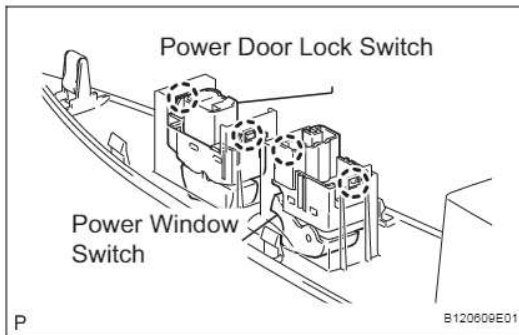
**18. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH**

- (a) Attach the claws to install the weatherstrip inner.
- (b) Attach the 7 clips to install the trim board.
- (c) Install the screw and clip A as shown in the illustration.

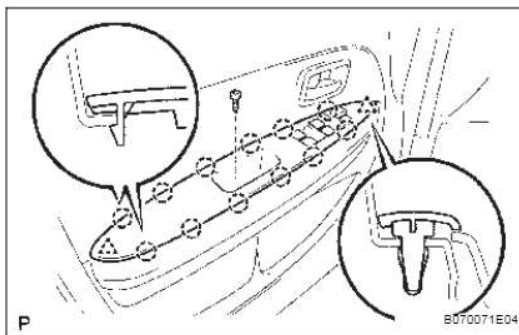
**19. INSTALL FRONT ARMREST BASE PANEL UPPER LH**

- (a) Driver side:
 - (1) Install the window regulator master switch to the armrest base panel upper LH with the 3 screws.

ED



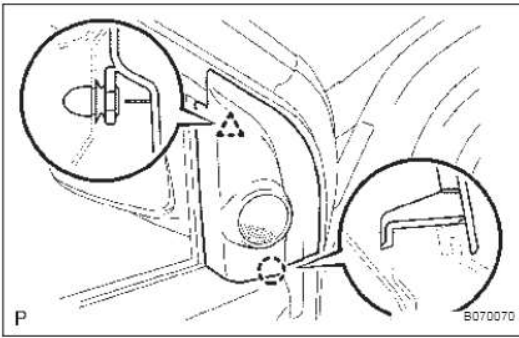
- (b) Passenger side:
 - (1) Attach the 2 claws to install the power window regulator switch.
 - (2) Attach the 2 claws to install the door lock switch.
- (c) Connect the switch connector.



- (d) Attach the 12 claws and 2 clips to install the armrest base panel together with the switch.
- (e) Install the screw.

ENGINE HOOD / DOOR – FRONT DOOR

ED-19



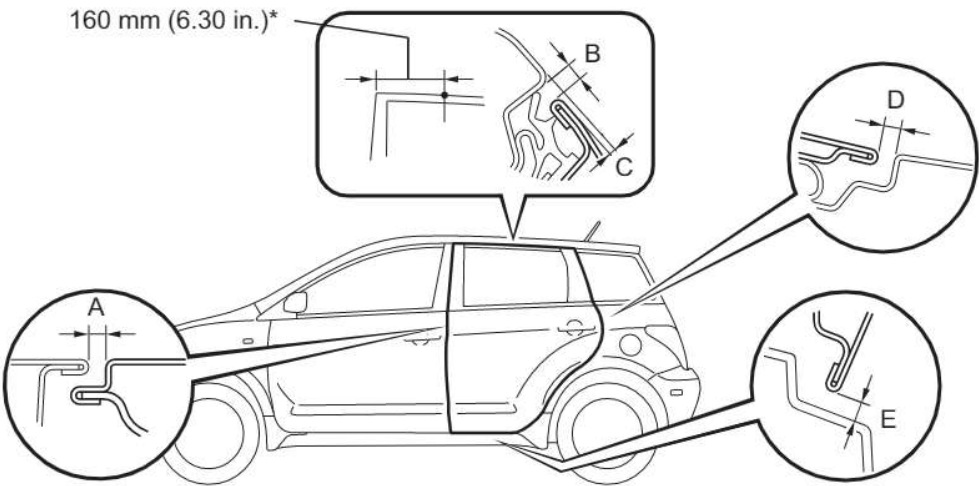
20. **INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH LH**
 - (a) Attach the clip and claw to install the garnish.
21. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
22. **PERFORM INITIALIZATION**
 - (a) Perform initialization (see page [IN-23](#)).

NOTICE:
Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

ED

ON-VEHICLE INSPECTION

1. INSPECT REAR DOOR PANEL SUB-ASSEMBLY LH



*: 160 mm (6.30 in.) from the end of the window frame, check clearances B and C as illustrated in the cross section.

B120499E02

- (a) Check that the clearance measurements of areas A to E are within the standard range.

Standard measurement

Area	Specified Condition
A	5.5 +-1.5 mm (0.220 +-0.059 in.)
B	5.1 +-1.5 mm (0.200 +-0.059 in.)
C	2.0 +-1.5 mm (0.079 +-0.059 in.)
D	5.0 +-1.5 mm (0.197 +-0.059 in.)
E	6.0 +-1.5 mm (0.240 +-0.059 in.)

ED

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ENGINE HOOD / DOOR – REAR DOOR

DISASSEMBLY

HINT:

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

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE REAR DOOR REAR GUIDE BRACKET GARNISH LH

- (a) Using a heat light, heat the moulding.

Standard heating temperature:

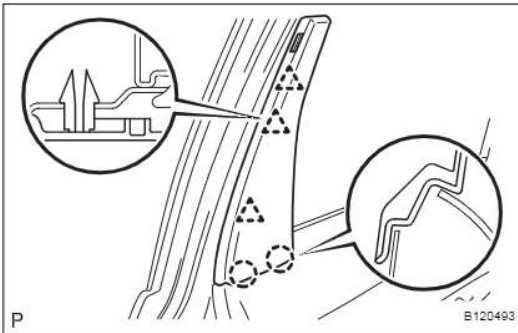
20 to 30°C (68 to 86°F)

NOTICE:

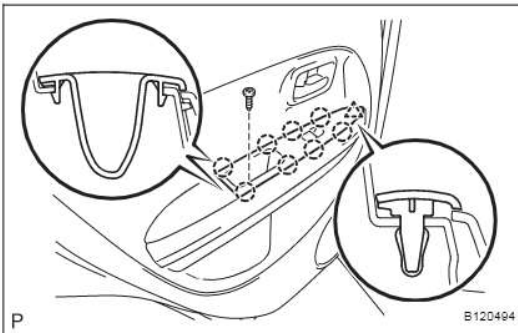
Do not heat the moulding excessively.

NOTICE:

- If planning to reuse the moulding, take care not to damage it.
 - Be careful not to damage the body.
- (b) Using a screwdriver, detach the tape.
- HINT:
Tape the screwdriver tip before use.
- (c) Using a screwdriver, detach the 3 clips and 2 claws, and remove the garnish.
- HINT:
Tape the screwdriver tip before use.



ED

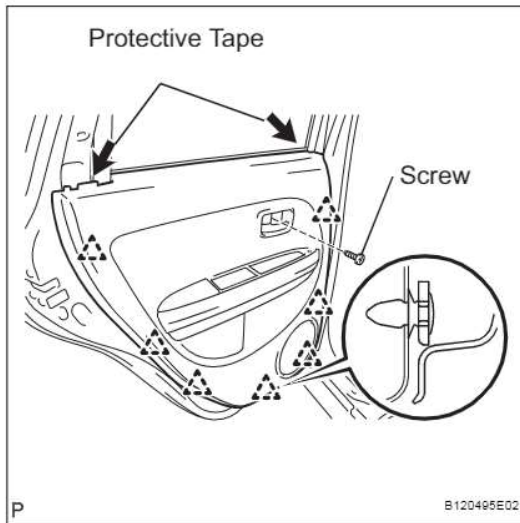


3. REMOVE REAR DOOR ARMREST BASE PANEL UPPER LH

- (a) Remove the screw.
- (b) Using a screwdriver, detach the 8 claws and clip, and remove the armrest base panel together with the switch.
- HINT:
Tape the screwdriver tip before use.
- (c) Disconnect the switch connector.
- (d) Detach the 2 claws and remove the switch from the armrest base panel upper.

ENGINE HOOD / DOOR – REAR DOOR

ED-25



4. REMOVE REAR DOOR TRIM BOARD SUB-ASSEMBLY LH

- Remove the screw shown in the illustration.
- Using a clip remover, remove the 7 clips.
- Remove the trim board upward.

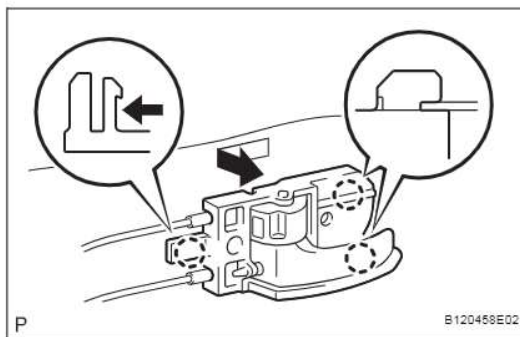
HINT:

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.

- Using a screwdriver, detach the claws and remove the weatherstrip inner.

HINT:

Tape the screwdriver tip before use.



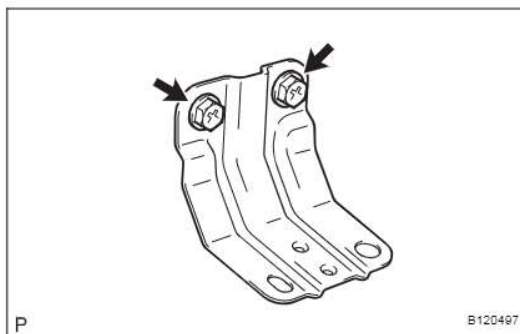
5. REMOVE REAR DOOR INSIDE HANDLE SUB-ASSEMBLY LH

- Using a screwdriver, disengage the claw.

HINT:

Tape the screwdriver tip before use.

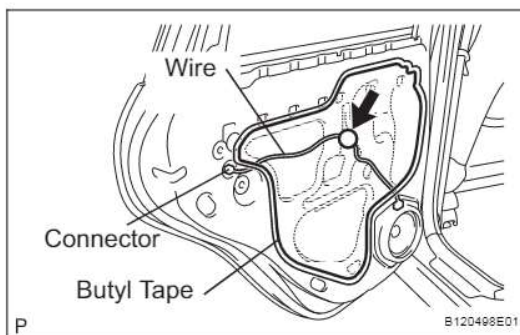
- Move the inside handle in the direction indicated by the arrow mark in the illustration. This will release the 2 claws and allow removal of the inside handle.
- Disconnect the 2 cables from the inside handle.



6. REMOVE REAR DOOR SERVICE HOLE COVER LH

- Remove the 2 bolts and trim bracket.

ED



- Disconnect the 2 connectors.

- Using a screwdriver, remove the clip indicated by the arrow mark and wire.

HINT:

Tape the screwdriver tip before use.

- Remove the service hole cover.

NOTICE:

Remove the remaining tape on the door side.

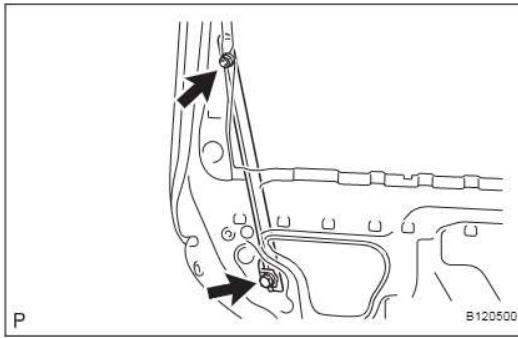
7. REMOVE REAR DOOR GLASS WEATHERSTRIP ASSEMBLY OUTER LH (See page [ET-22](#))

8. REMOVE REAR DOOR WINDOW FRAME MOULDING REAR LH (See page [ET-32](#))

9. REMOVE REAR SPEAKER ASSEMBLY (See page [AV-9](#))

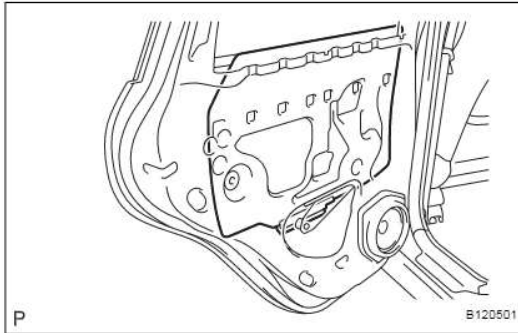
ED-26

ENGINE HOOD / DOOR – REAR DOOR



10. REMOVE REAR DOOR WINDOW FRAME SUB-ASSEMBLY REAR LOWER LH

- Temporarily install the power window regulator switch.
- Lower the glass as it lower.
- Remove the glass run.
- Remove the bolt, nut and frame.
- Remove the power window regulator switch.

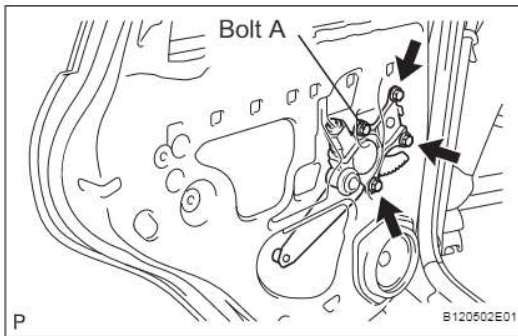


11. REMOVE REAR DOOR GLASS SUB-ASSEMBLY LH

- Remove the glass from the regulator.

NOTICE:

Be careful not to damage the glass.



12. REMOVE REAR DOOR WINDOW REGULATOR SUB-ASSEMBLY LH

- Disconnect the window regulator connector.
- Loosen bolt A shown in the illustration.
- Remove the 3 bolts and window regulator.

HINT:

Remove the window regulator through the service hole.

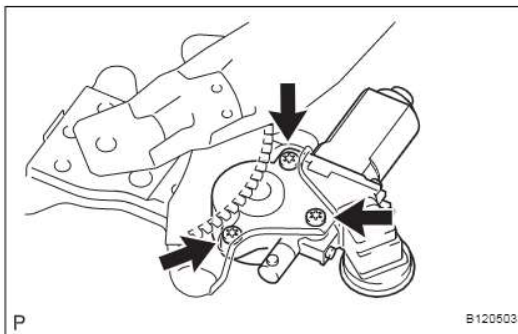
NOTICE:

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

- Remove bolt A from the window regulator.

13. REMOVE POWER WINDOW REGULATOR MOTOR ASSEMBLY LH REAR

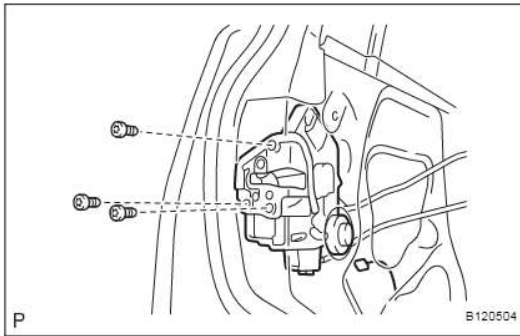
- Using a T25 "torx" driver, remove the 3 screws and motor.



ED

ENGINE HOOD / DOOR – REAR DOOR

ED-27

**14. REMOVE REAR DOOR WITH MOTOR LOCK ASSEMBLY LH**

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

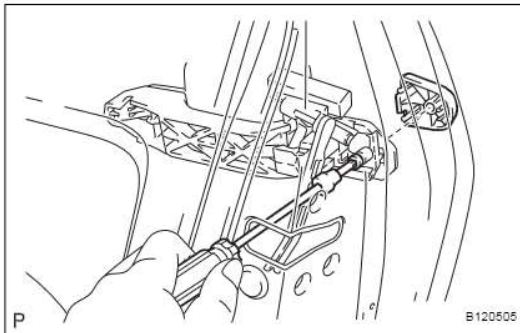
HINT:

Remove the door lock through the service hole.

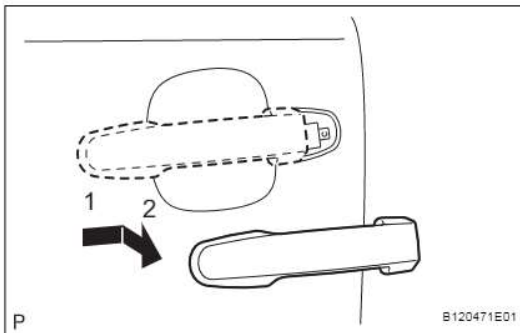
NOTICE:

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

- (b) Remove the door lock wire harness packing.

**15. REMOVE REAR DOOR OUTSIDE HANDLE COVER LH**

- (a) Using a T30 "torx" socket wrench, loosen the screw.
- (b) Remove the cover.

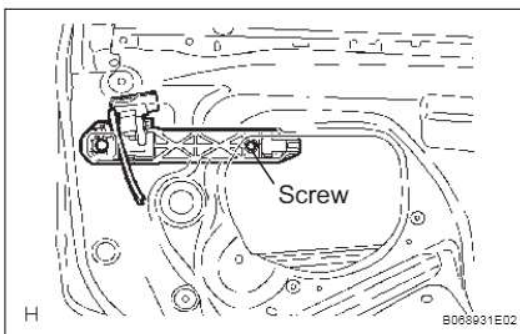
**16. REMOVE REAR DOOR OUTSIDE HANDLE ASSEMBLY LH**

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

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.

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

**17. REMOVE REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY LH**

- (a) Using a T30 "torx" socket wrench, loosen the screw and remove the frame.

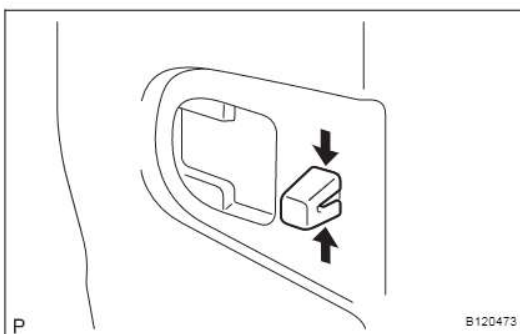
- (b) Using pliers, pinch the clip and remove the handle frame, as shown in the illustration.

HINT:

Remove the handle frame through the service hole.

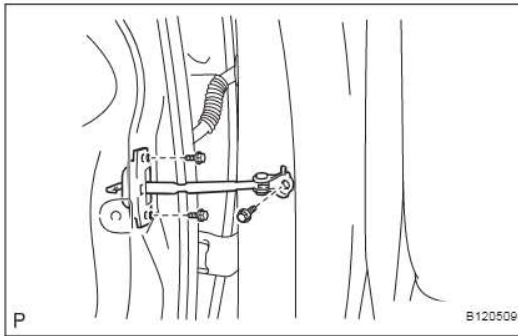
NOTICE:

Be sure to remove the outside handle frame together with the clip, because the clip will be damaged if the clip remain attached to the door panel.



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ENGINE HOOD / DOOR – REAR DOOR

**18. REMOVE REAR DOOR CHECK ASSEMBLY LH**

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

HINT:

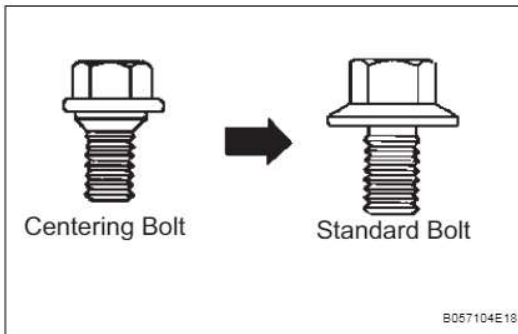
Remove the door check through the service hole.

19. REMOVE REAR DOOR WEATHERSTRIP LH

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

HINT:

If clips are damaged during removal, replace them.

**ADJUSTMENT**

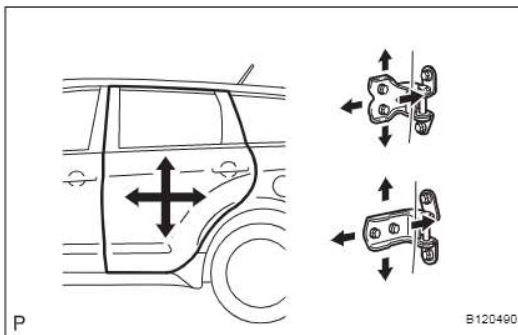
HINT:

- Before adjusting the door position for vehicles equipped with side airbags and curtain shield airbags, be sure to disconnect the negative (-) terminal cable from the battery. After adjustment, inspect the SRS warning light, side airbag system and curtain shield airbag system for normal operation. Then initialize both airbag systems.
- 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 [SS-2](#)).

1. ADJUST REAR DOOR PANEL SUB-ASSEMBLY LH

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

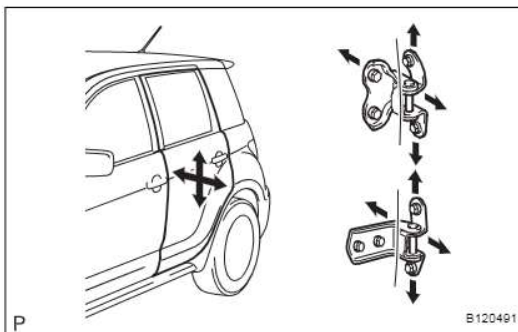
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)

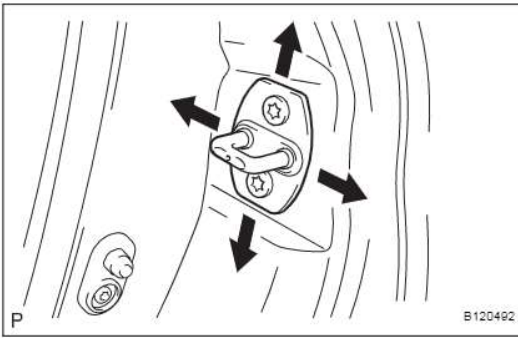


- (c) Loosen the door's hinge bolts and adjust the door's position.

- (d) Tighten the door side hinge bolts after the adjustment.

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



ENGINE HOOD / DOOR – REAR DOOR**ED-29**

- (e) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (f) Tighten the striker mounting screws after the adjustment.

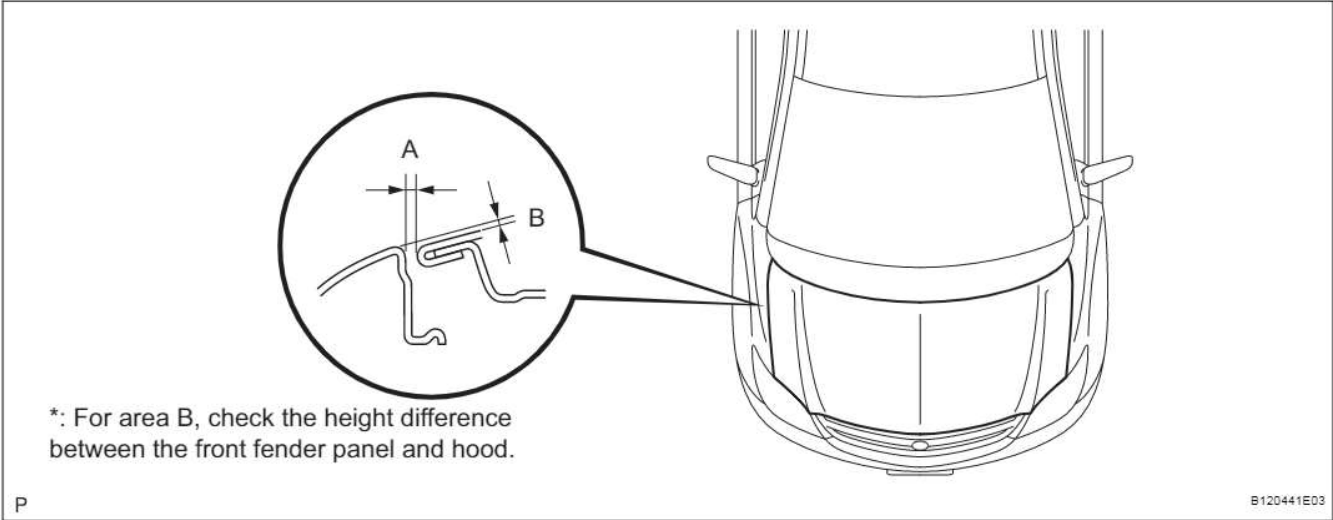
Torque: 23 N*m (235 kgf*cm, 17 ft.*lbf)

ED

HOOD

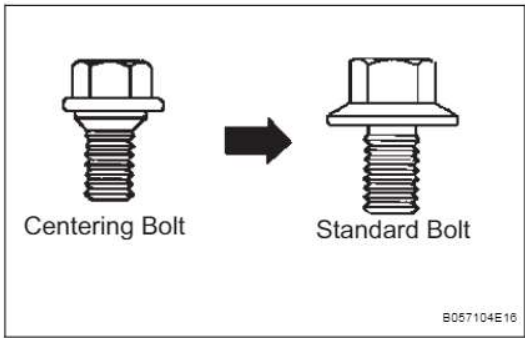
ON-VEHICLE INSPECTION

1. INSPECT HOOD SUB-ASSEMBLY



- (a) Check that the clearance measurements of areas A and B are within the standard range.
- Standard measurement**

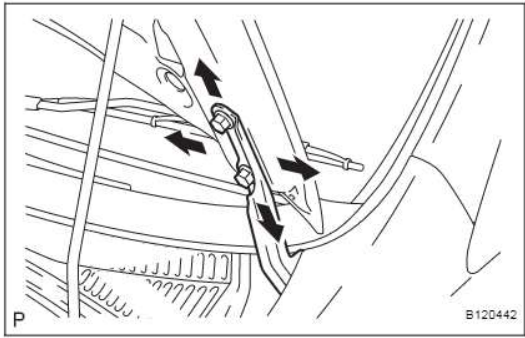
Area	Specified Condition
A	4.2 +-1.5 mm (0.165 +-0.059 in.)
B	0.0 +-1.5 mm (0.000 +-0.059 in.)



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 the centering bolts with standard bolts (w/ washers) when making adjustments.
- A bolts without a torque specification is shown in the standard bolt chart (see page [SS-2](#)).

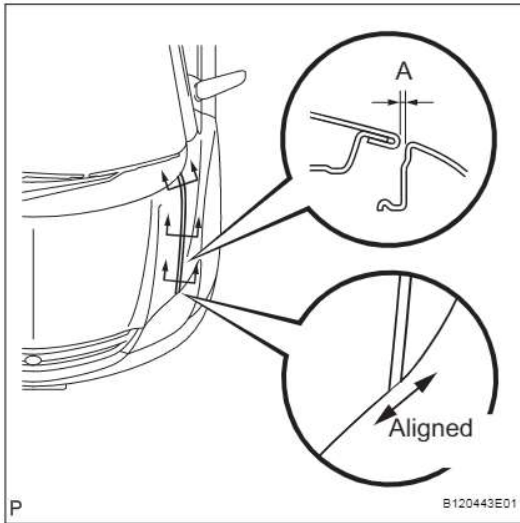


1. ADJUST HOOD SUB-ASSEMBLY

- (a) Adjust the hood's position.
- (1) Loosen the 4 hinge bolts on the hood side.

ED-2

ENGINE HOOD / DOOR – HOOD



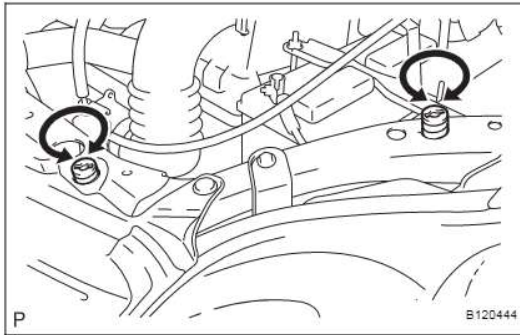
- (2) Move the hood and adjust the clearance between the hood and front fender. Make sure that the clearance is within the standard range.

Standard clearance (A):

4.2 +1.5 mm (0.138 +0.059 in.)

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

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



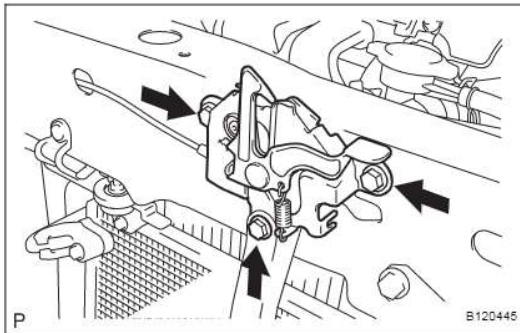
- (b) Adjust the cushion rubber so that the height of the hood and fender are aligned.

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

Standard clearance (B) :

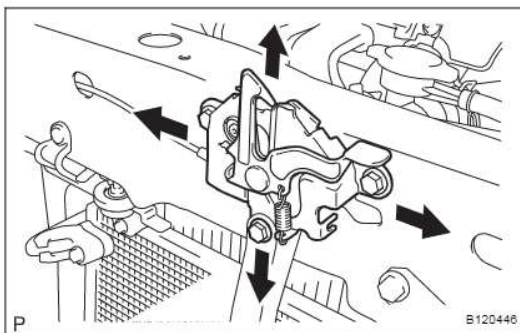
0.0 +1.5 mm (0.000 +0.059 in.)

ED



- (c) Adjust the hood lock.

- (1) Remove the grille (see page [ET-13](#)).
- (2) Loosen the 3 hood lock bolts.



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

- (4) Tighten the hood lock bolts after the adjustment.

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

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ENGINE HOOD / DOOR – REAR DOOR

REASSEMBLY

HINT:

- Use the same procedure 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 [SS-2](#)).

1. INSTALL REAR DOOR WEATHERSTRIP LH

2. INSTALL REAR DOOR CHECK ASSEMBLY LH

- Apply MP grease to the sliding areas of the door check.
- Install the door check to the door panel with the 2 bolts.

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

HINT:

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

- Apply adhesive to the threads of the bolt.

Adhesive:

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

- Install the door check to the body panel with the bolt.

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

3. INSTALL REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY LH

- Apply MP grease to the sliding areas of the frame.
- Using a T30 "torx" socket wrench, install the handle frame with the screw.

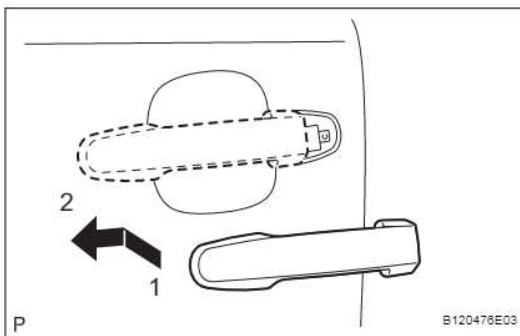
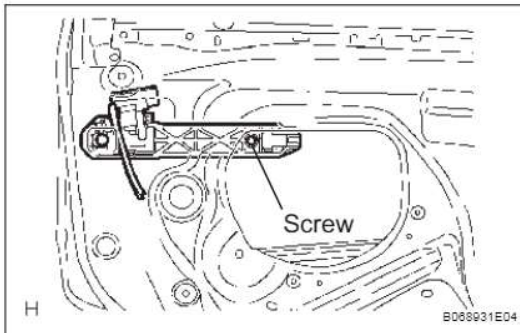
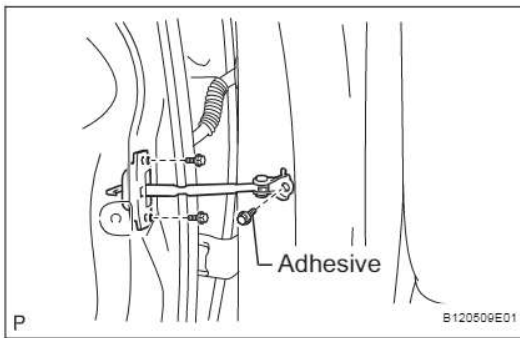
Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)

4. INSTALL REAR DOOR OUTSIDE HANDLE ASSEMBLY LH

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

NOTICE:

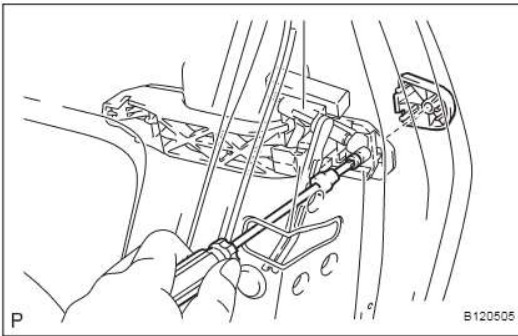
If the release plate is not pulled and held when installing the handle, the release plate will interfere with the handle and become damaged.



ED

ENGINE HOOD / DOOR – REAR DOOR

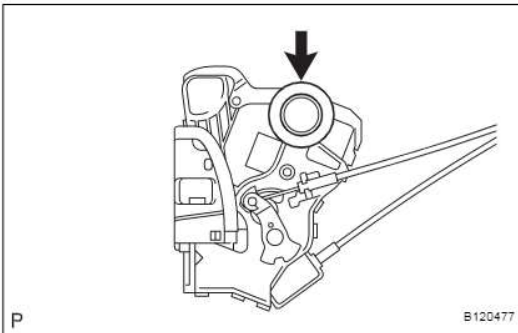
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5. INSTALL REAR DOOR OUTSIDE HANDLE COVER LH

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

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



6. INSTALL REAR DOOR WITH MOTOR LOCK ASSEMBLY LH

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

NOTICE:

- When reinstalling a door lock, always use new packing.
- Do not allow grease or dirt to contaminate the gap between the door panel and packing.
- Old packing or damaged packing cannot effectively protect against water. Water will damage the door lock.

- (c) Attach the door lock with the release plate of the handle, and then set it to the door panel.

NOTICE:

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

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

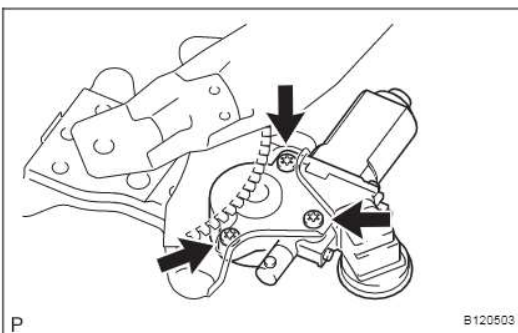
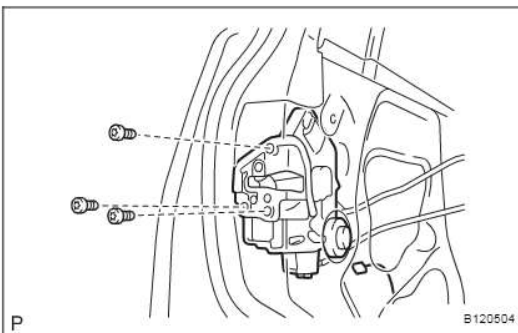
Adhesive:

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

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

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

- (f) Connect the door lock connector.



7. INSTALL POWER WINDOW REGULATOR MOTOR ASSEMBLY LH REAR

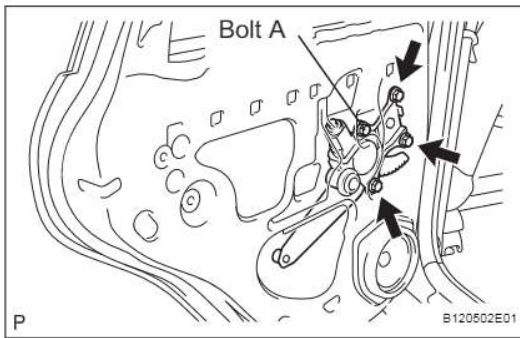
- (a) Using a T25 "torx" driver, install the motor with the 3 screws.

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

ED

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ENGINE HOOD / DOOR – REAR DOOR



8. INSTALL REAR DOOR WINDOW REGULATOR SUB-ASSEMBLY LH

- (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 3 bolts and bolt A.

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

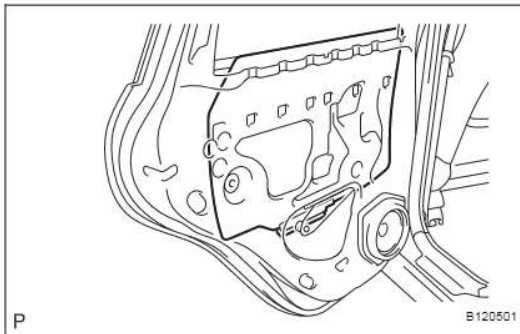
- (e) Connect the window regulator connector.

NOTICE:

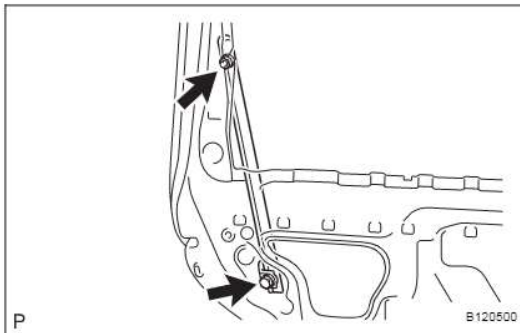
Be careful not to drop the window regulator as it may become damaged.

9. INSTALL REAR DOOR GLASS SUB-ASSEMBLY LH

- (a) Install the door glass in the regulator.



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10. INSTALL REAR DOOR WINDOW FRAME SUB-ASSEMBLY REAR LOWER LH

- (a) Install the frame with the bolt and nut.

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

11. INSTALL REAR SPEAKER ASSEMBLY (See page AV-10)

12. INSTALL REAR DOOR WINDOW FRAME MOULDING REAR LH (See page ET-32)

13. INSTALL REAR DOOR GLASS WEATHERSTRIP ASSEMBLY OUTER LH (See page ET-23)

14. INSTALL REAR DOOR SERVICE HOLE COVER LH

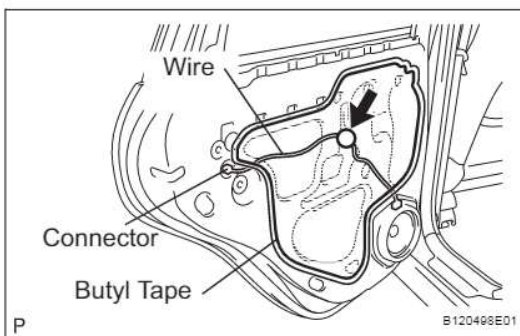
- (a) Apply butyl tape to the door, as shown in the illustration.

- (b) Install the service hole cover.

HINT:

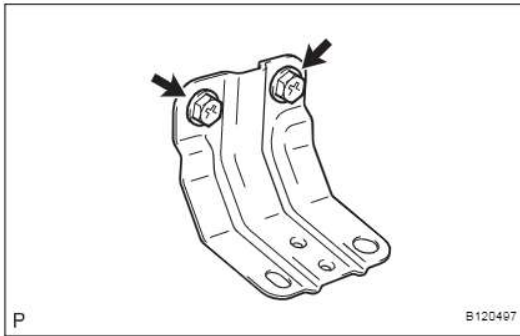
- When installing the service hole cover, pull out the links and connectors through the service hole cover.
- There should be no wrinkles or folds after attaching the service hole cover.
- After attaching the service hole cover, check the sealing quality.

- (c) Connect the 2 connectors and install the wire.

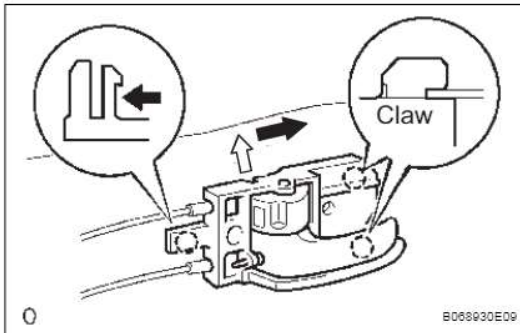


ENGINE HOOD / DOOR – REAR DOOR

ED-33

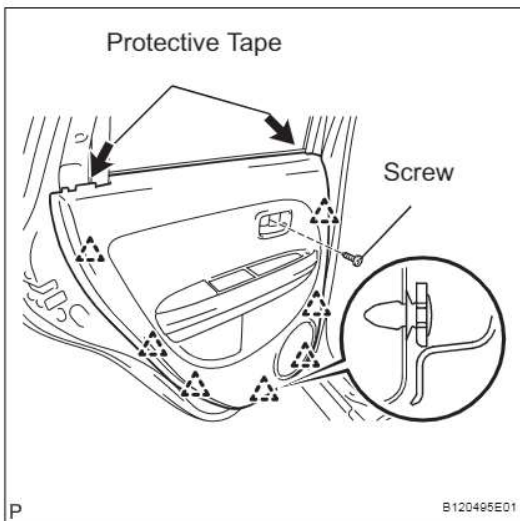


(d) Install the trim bracket with the 2 bolts.



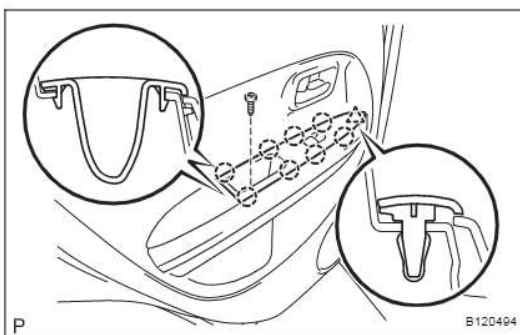
15. INSTALL REAR DOOR INSIDE HANDLE SUB-ASSEMBLY LH

- Move the inside handle in the direction indicated by the arrow in the illustration to install the inside handle.
- Connect the 2 cables to the inside handle.



16. INSTALL REAR DOOR TRIM BOARD SUB-ASSEMBLY LH

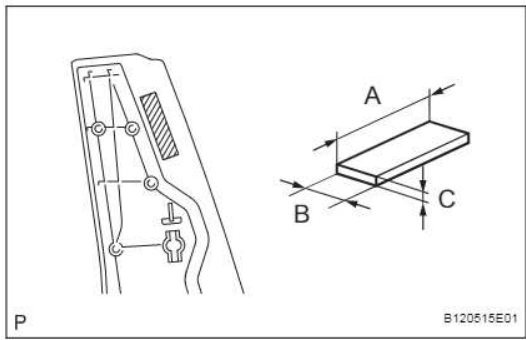
- Attach the 7 clips and install the trim board.
- Install the screw as shown in the illustration.



17. INSTALL REAR DOOR ARMREST BASE PANEL UPPER LH

- Attach the 2 claws and install the switch to the armrest base panel upper.
- Connect the switch connector.
- Attach the 8 claws and clip to install the armrest base panel together with the switch.
- Install the screw.

ED



18. INSTALL REAR DOOR REAR GUIDE BRACKET
GARNISH LH

- (a) Using a cloth, remove the tape from the garnish.
- (b) Clean the contact surface of the door panel with a shop rag saturated with white gasoline.
- (c) Clean the outer circumference of the garnish with white gasoline.
- (d) Apply new double-sided tape to the garnish, as shown in the illustration.

Standard measurement

Area	Specified Condition
A	5.0 mm (0.197 in.)
B	2.75 mm (0.108 in.)
C	0.90 mm (0.035 in.)

- (e) Using a heat light, heat the door panel and garnish.
- Standard heating temperature

Item	Specified Condition
Door panel	40 to 60°C (104 to 140°F)
Garnish	20 to 30°C (68 to 86°F)

NOTICE:

Do not heat the door panel and garnish excessively.

- (f) Remove the peeling paper from the moulding face.
HINT:
Be careful that dirt or foreign objects do not stick to the adhesive when removing the peeling paper.
- (g) Install the garnish.

NOTICE:

Use steady pressure with your thumbs on the garnish, not excessive force.

19. CONNECT CABLE TO NEGATIVE BATTERY
TERMINAL

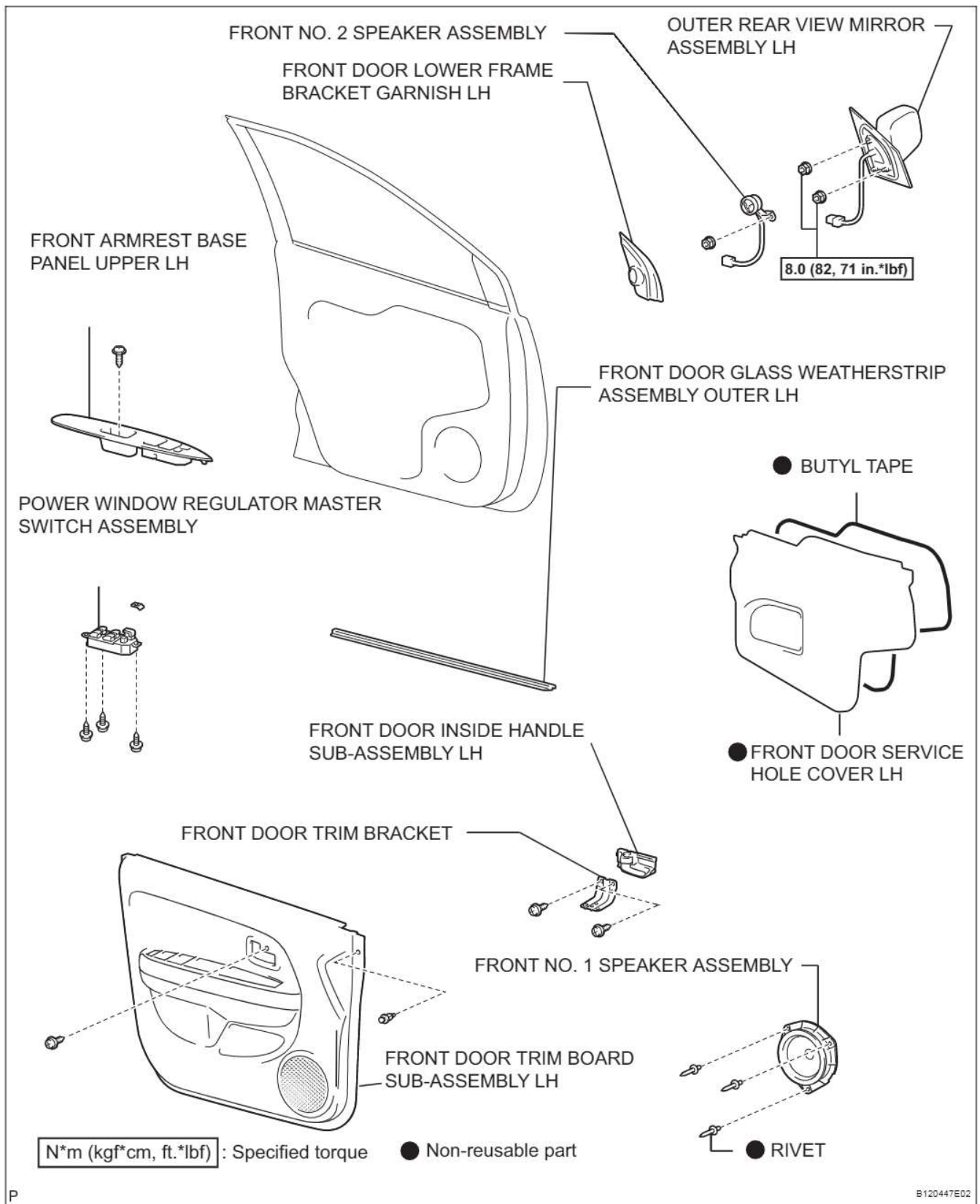
20. PERFORM INITIALIZATION

- (a) Perform initialization (see page [IN-23](#)).

NOTICE:

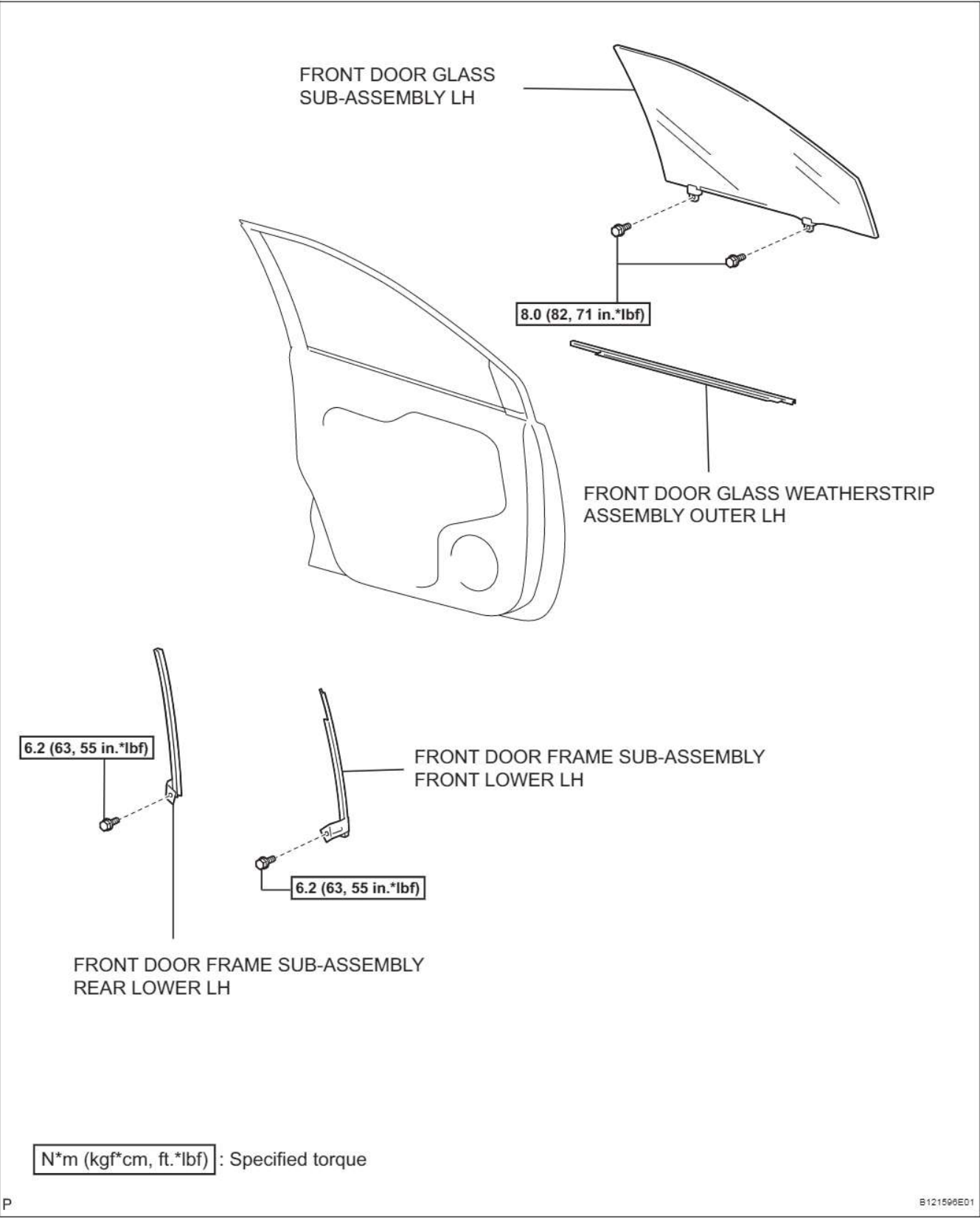
Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

FRONT DOOR COMPONENTS



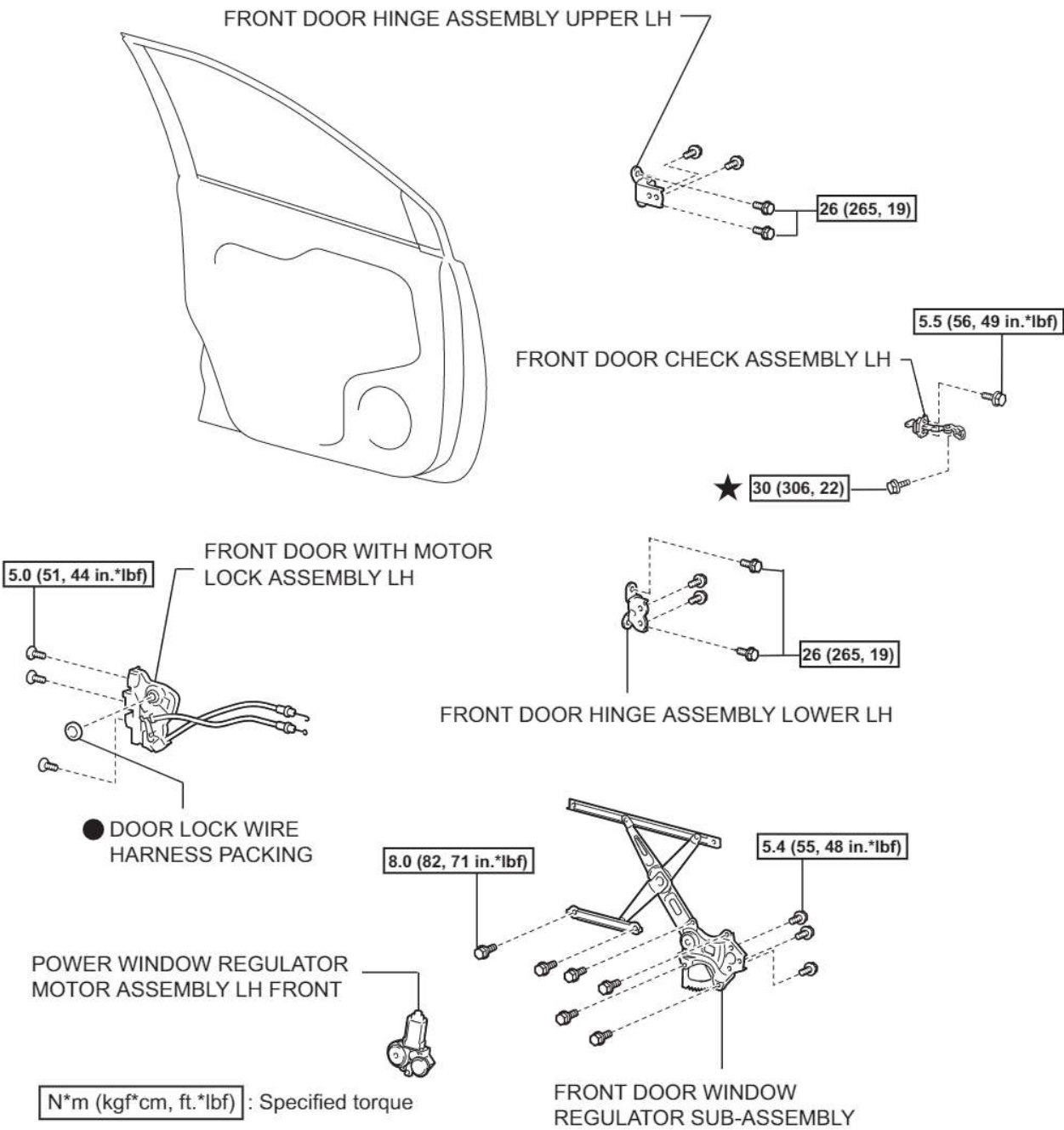
ED-4

ENGINE HOOD / DOOR – FRONT DOOR



ENGINE HOOD / DOOR – FRONT DOOR

ED-5

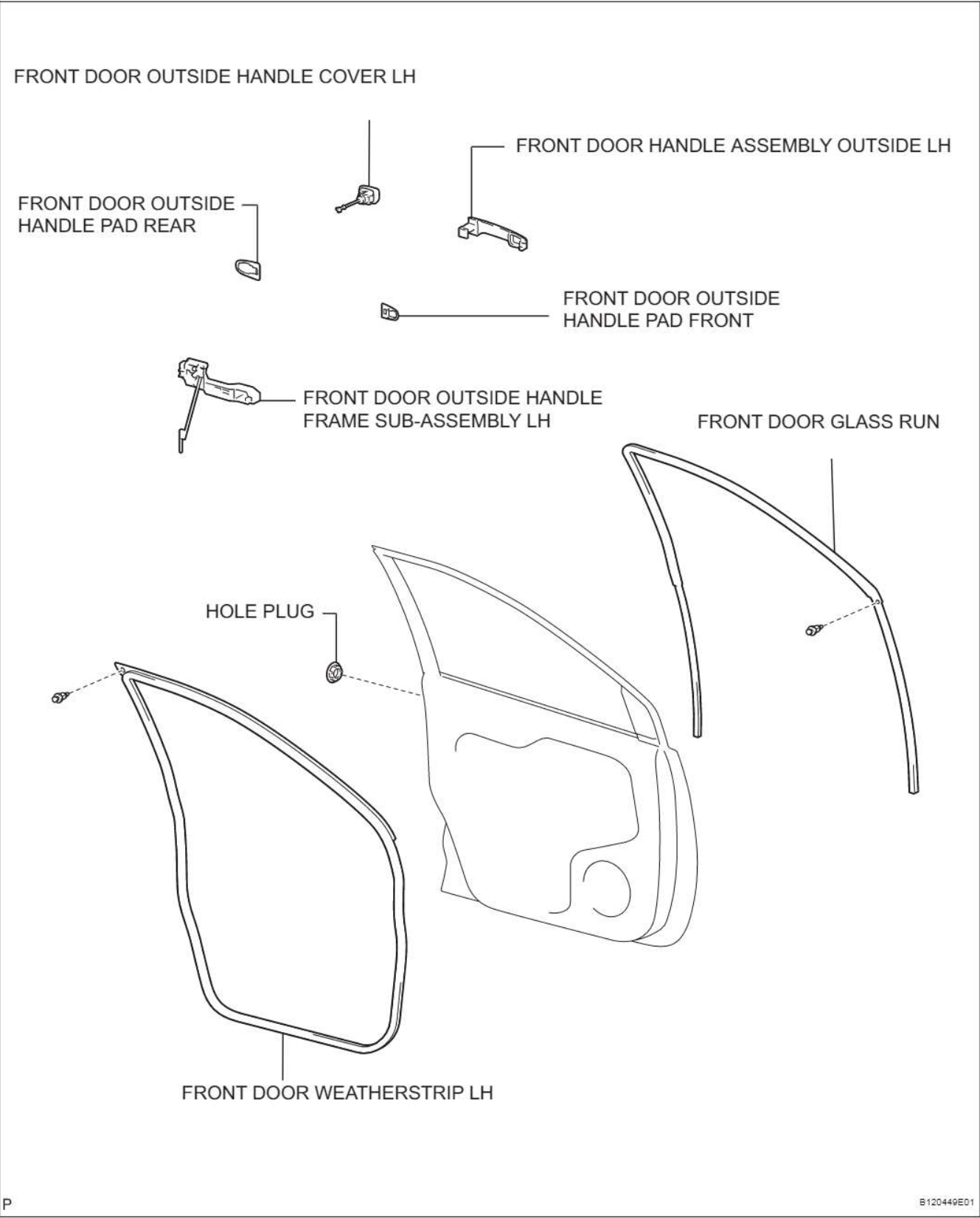


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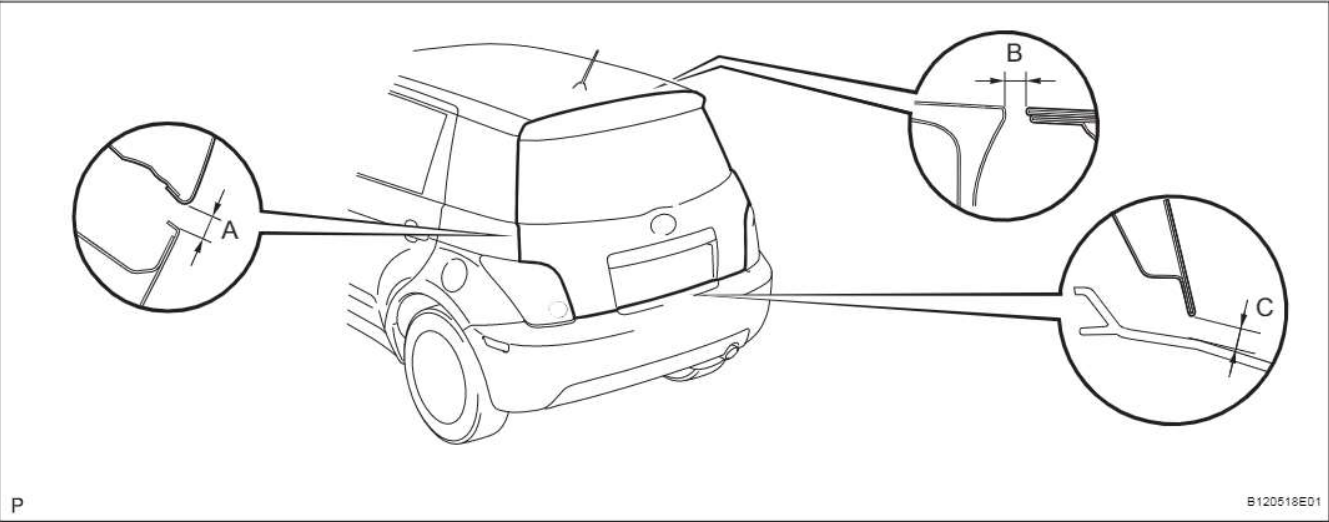
ED-6

ENGINE HOOD / DOOR – FRONT DOOR



ON-VEHICLE INSPECTION

1. INSPECT BACK DOOR PANEL SUB-ASSEMBLY
- (a) Check that the clearance measurements of areas A to C are within the standard range.



Standard measurement

Area	Specified Condition
A	6.0 +-1.5 mm (0.236 +-0.056 in.)
B	7.6 +-1.5 mm (0.300 +-0.059 in.)
C	7.0 +-1.5 mm (0.276 +-0.059 in.)

DISASSEMBLY

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

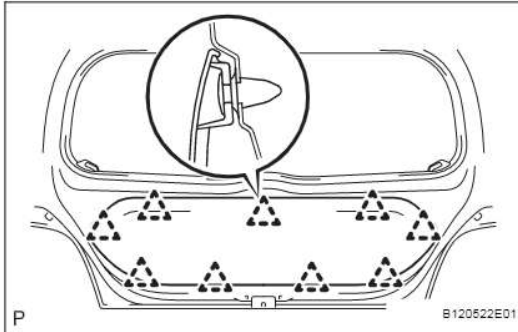
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE BACK DOOR TRIM BOARD ASSEMBLY

- (a) Using a screwdriver, detach the 9 clips and remove the board.

HINT:

Tape the screwdriver tip before use.

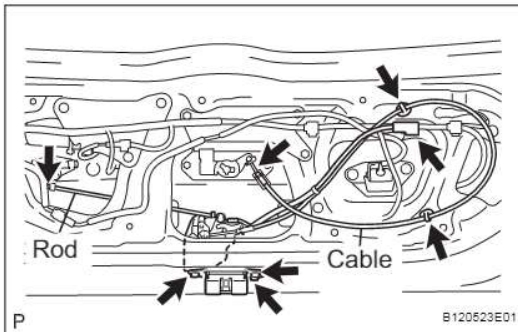


3. REMOVE BACK DOOR LOCK ASSEMBLY

- (a) Disconnect the rod from the lock cylinder.
 (b) Disconnect the cable from the handle.
 (c) Disconnect the connector.
 (d) Remove the wire from the door panel.
 (e) Remove the 3 bolts and door lock.

HINT:

Remove the lock through the service hole.

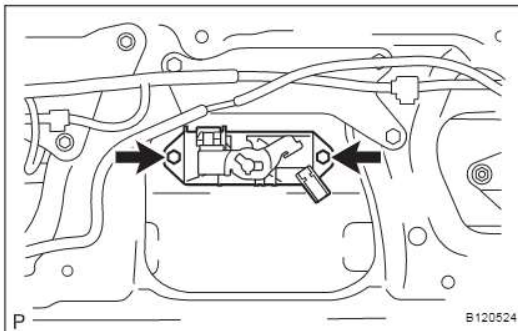


4. REMOVE BACK DOOR OUTSIDE HANDLE

- (a) Remove the 2 nuts and handle.

HINT:

Remove the handle through the service hole.



5. REMOVE BACK DOOR LOCK CYLINDER ASSEMBLY

- (a) Remove the 2 nuts and cylinder.

HINT:

Remove the cylinder through the service hole.

6. REMOVE BACK DOOR WEIGHT

- (a) Remove the 4 bolts and weight.

7. REMOVE BACK DOOR PANEL NO. 2 PROTECTOR

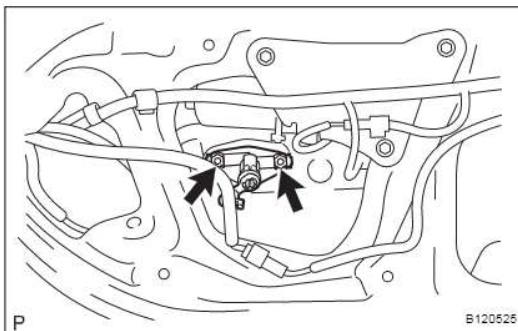
- (a) Using a clip remover, remove the 2 clips.
 (b) Using a heat light, heat the protector.

Standard heating temperature:

20 to 30°C (68 to 86°F)

NOTICE:

Do not heat the protector excessively.



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ENGINE HOOD / DOOR – BACK DOOR

- (c) Using a screwdriver, remove the protector.

NOTICE:

- If reusing the protector, take care not to damage the protector.
- Be careful not to damage the body.

HINT:

Tape the screwdriver tip before use.

8. REMOVE BACK DOOR PANEL NO. 1 PROTECTOR**HINT:**

Use the same procedures described for the No. 2 side.

9. REMOVE BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY (See page ET-35)**10. REMOVE BACK DOOR STAY ASSEMBLY LH (See page ED-41)****11. REMOVE BACK DOOR STAY ASSEMBLY RH****HINT:**

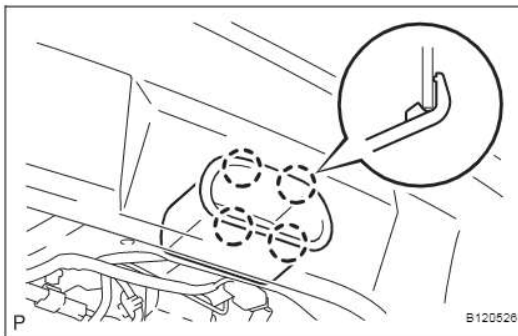
Remove the RH side by the same procedures with the LH side.

12. REMOVE DOOR PULL HANDLE

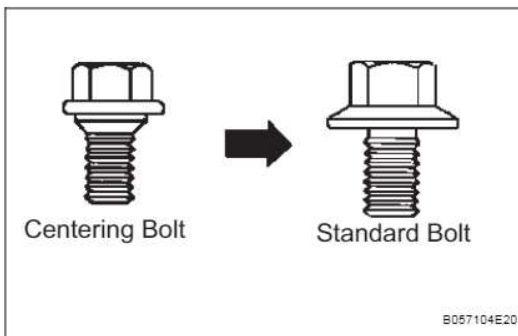
- (a) Using a screwdriver, detach the 4 claws and remove the pull handle.

HINT:

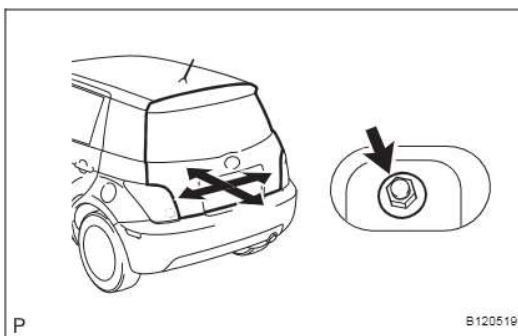
Tape the screwdriver tip before use.

13. REMOVE CENTER STOP LIGHT ASSEMBLY (See page LI-25)**14. REMOVE REAR WIPER MOTOR ASSEMBLY (See page WW-16)**

ED

**ADJUSTMENT****HINT:**

- 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 SS-2).

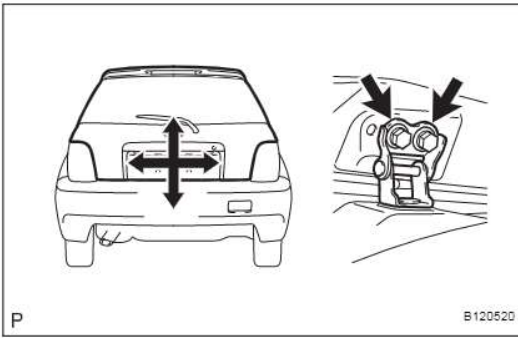
**1. ADJUST BACK DOOR PANEL SUB-ASSEMBLY**

- (a) Remove the roof headlining (see page IR-7).
- (b) As shown in the illustration, adjust the door on the horizontal plane by loosening the body side hinge nuts.
- (c) Tighten the body side hinge nuts after the adjustment.

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

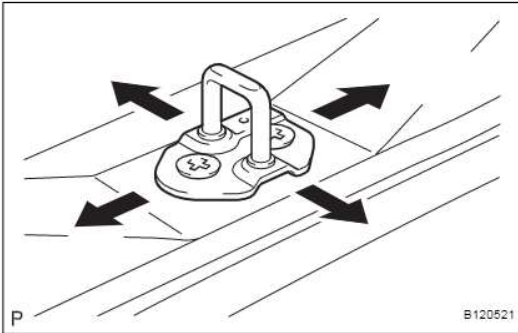
ENGINE HOOD / DOOR – BACK DOOR

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- (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: 11.5 N*m (117 kgf*cm, 8.5 ft.*lbf)

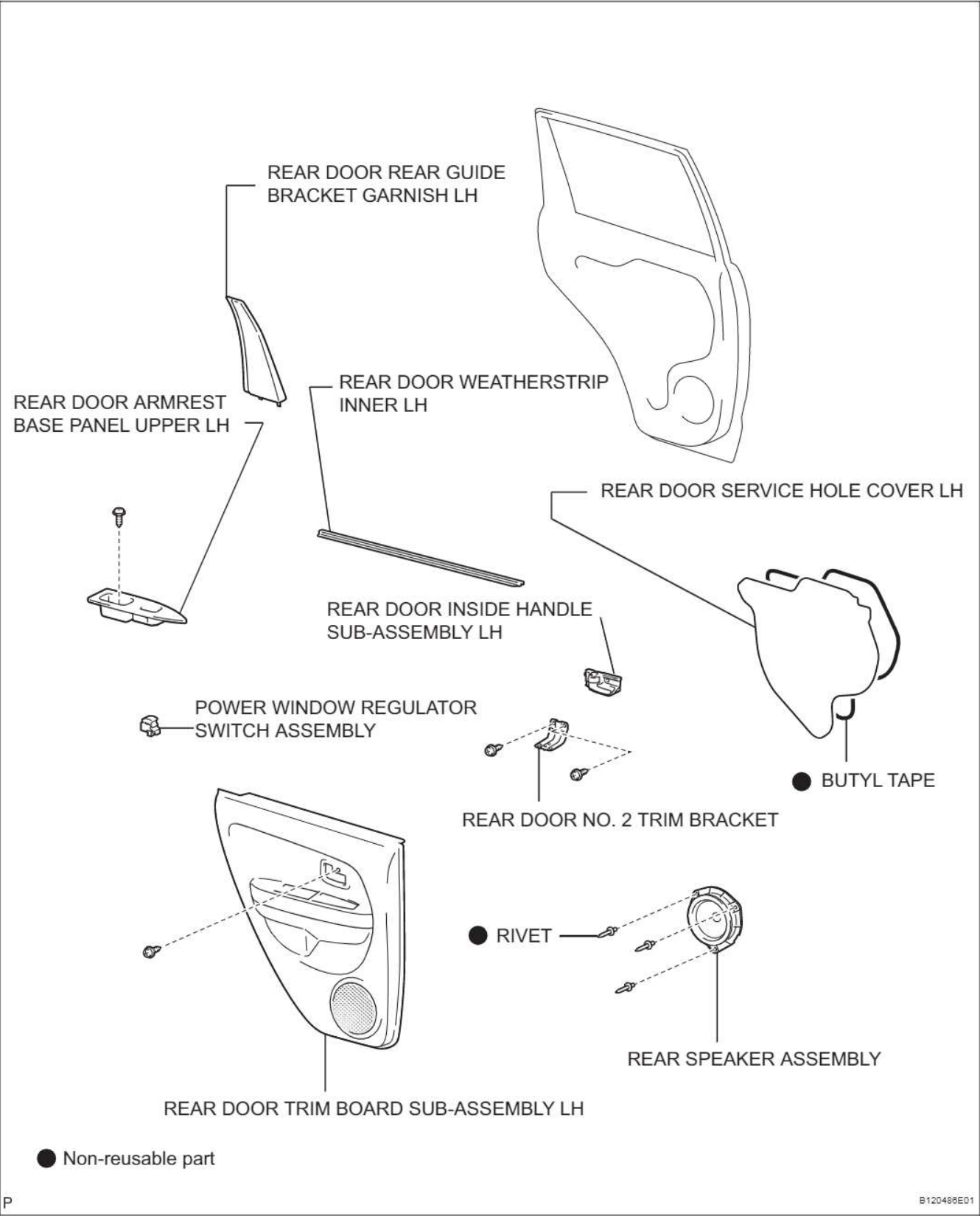


- (f) Remove the deck trim cover rear (see page [IR-7](#)).
- (g) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (h) Tighten the striker mounting screws after the adjustment.

Torque: 11.5 N*m (117 kgf*cm, 8.5 ft.*lbf)

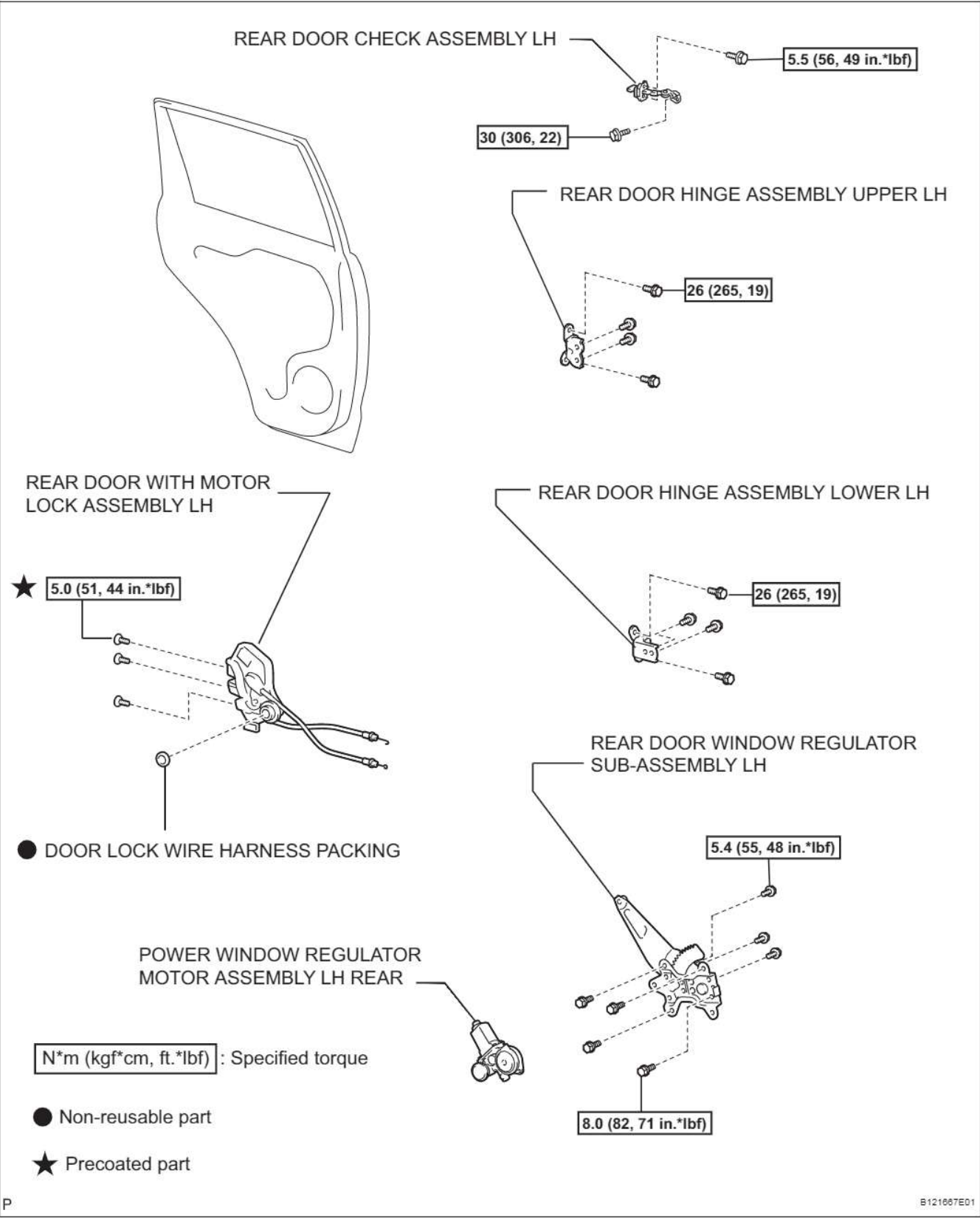
ED

REAR DOOR
COMPONENTS



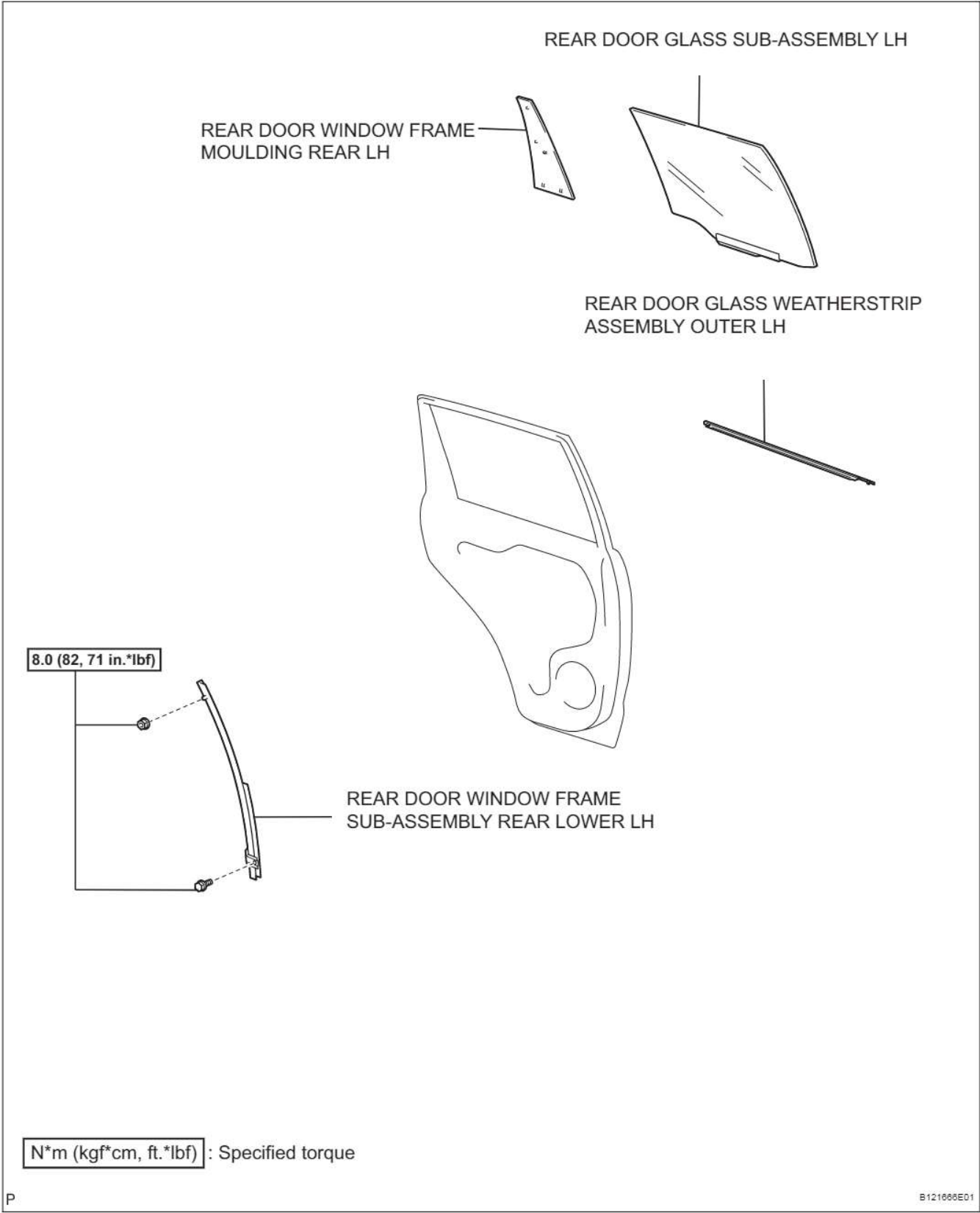
ED-20

ENGINE HOOD / DOOR – REAR DOOR



ENGINE HOOD / DOOR – REAR DOOR

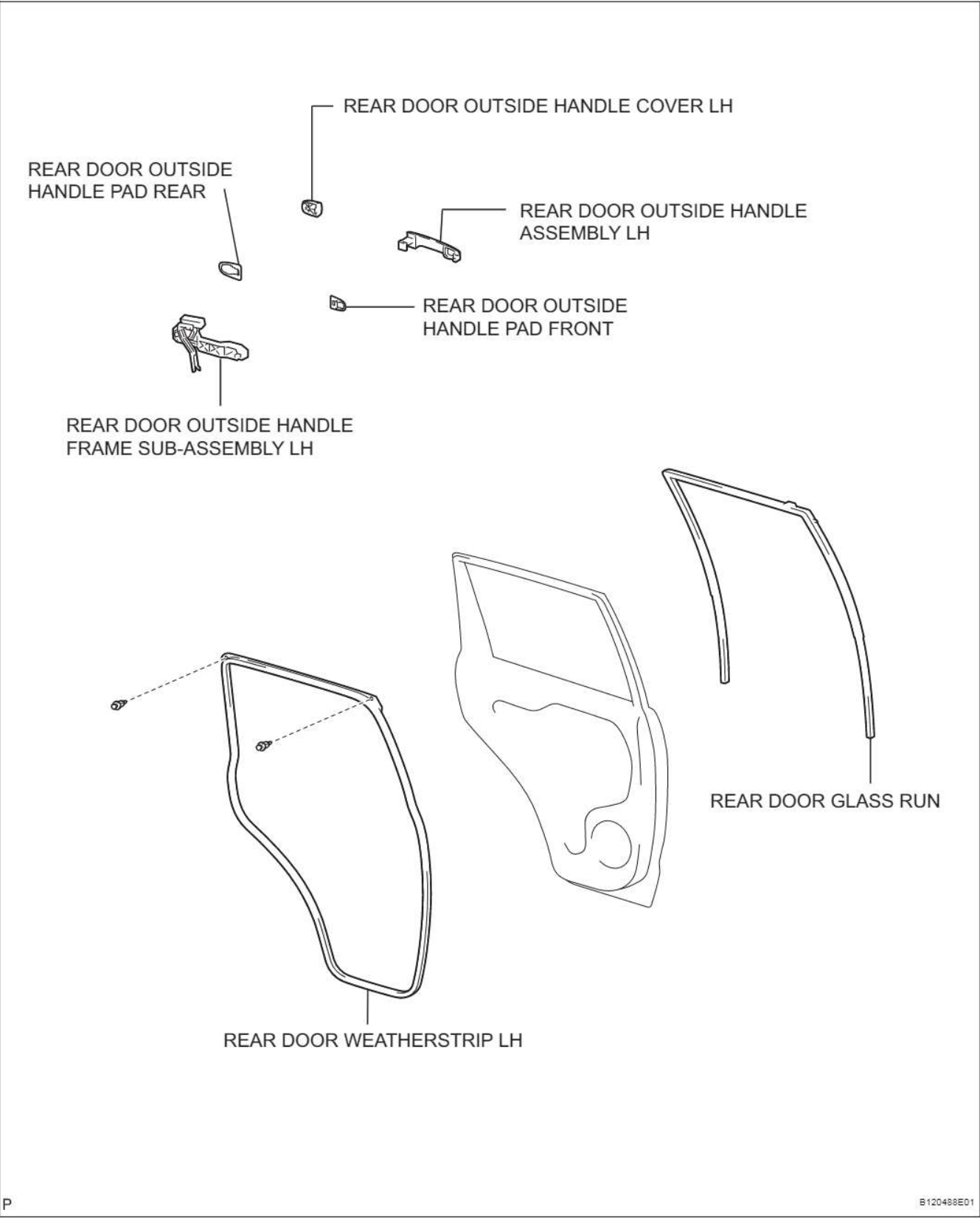
ED-21



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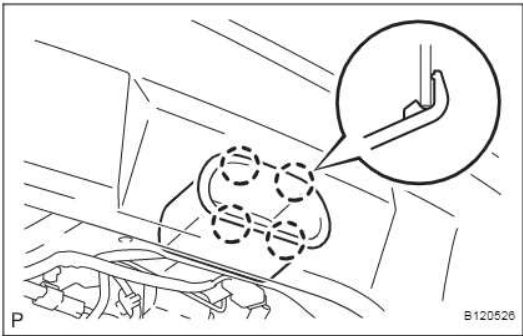
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ENGINE HOOD / DOOR – REAR DOOR



REASSEMBLY

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



1. **INSTALL REAR WIPER MOTOR ASSEMBLY** (See page WW-17)
2. **INSTALL CENTER STOP LIGHT ASSEMBLY** (See page LI-25)
3. **INSTALL DOOR PULL HANDLE**
(a) Attach the 4 claws and install the pull handle.
4. **INSTALL BACK DOOR STAY ASSEMBLY LH** (See page ED-41)
5. **INSTALL BACK DOOR STAY ASSEMBLY RH**
HINT:
Use the same procedures described for the LH side.
6. **INSTALL BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY** (See page ET-35)
7. **INSTALL BACK DOOR PANEL NO. 2 PROTECTOR**
(a) Clean the contact surface of the door panel with a shop rag saturated with white gasoline.
(b) Using a heat light, heat the door panel and new protector.

Standard heating temperature

Item	Specified Condition
Door panel	40 to 60°C (104 to 140°F)
Protector	20 to 30°C (68 to 86°F)

NOTICE:
Do not heat the door panel and protector excessively.

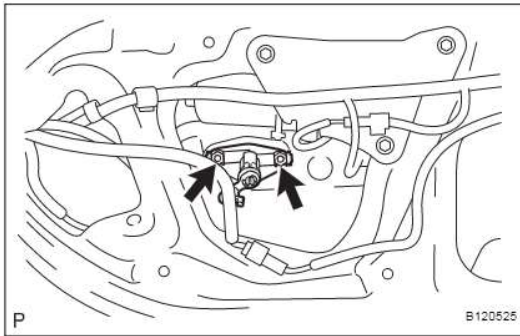
- (c) Remove peeling paper from the protector face.
HINT:
Be careful that dirt or foreign objects do not stick to the adhesive when removing the peeling paper.
- (d) Install the protector.

NOTICE:
Use steady pressure with your thumbs on the protector, not excessive force.

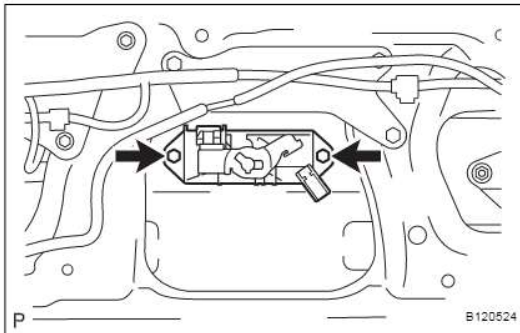
8. **INSTALL BACK DOOR PANEL NO. 1 PROTECTOR**
HINT:
Use the same procedures described for the No. 2 side.
9. **INSTALL BACK DOOR WEIGHT**
(a) Install the weight with the 4 bolts.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)

ENGINE HOOD / DOOR – BACK DOOR

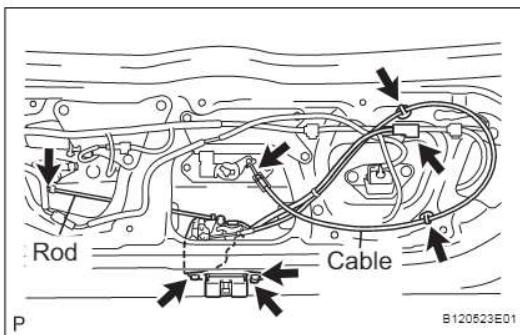
ED-41

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

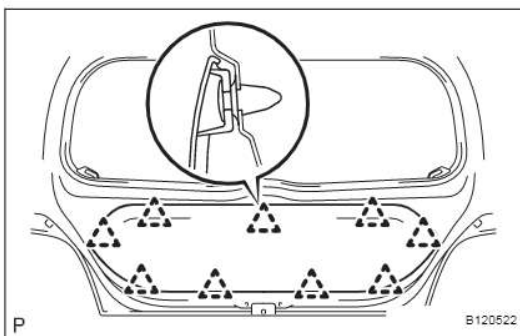
- (a) Install the cylinder with the 2 nuts.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)

**11. INSTALL BACK DOOR OUTSIDE HANDLE**

- (a) Install the handle with the 2 nuts.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)

**12. INSTALL BACK DOOR LOCK ASSEMBLY**

- (a) Install the lock with the 3 bolts.
Torque: 7.0 N*m (71 kgf*cm, 44 in.*lbf)
 (b) Connect the connector.
 (c) Install the cable to the handle.
 (d) Connect the rod to the cylinder.

**13. INSTALL BACK DOOR TRIM BOARD ASSEMBLY**

- (a) Attach the 9 clips and install the board.

14. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**15. PERFORM INITIALIZATION**

- (a) Perform initialization (see page [IN-23](#)).

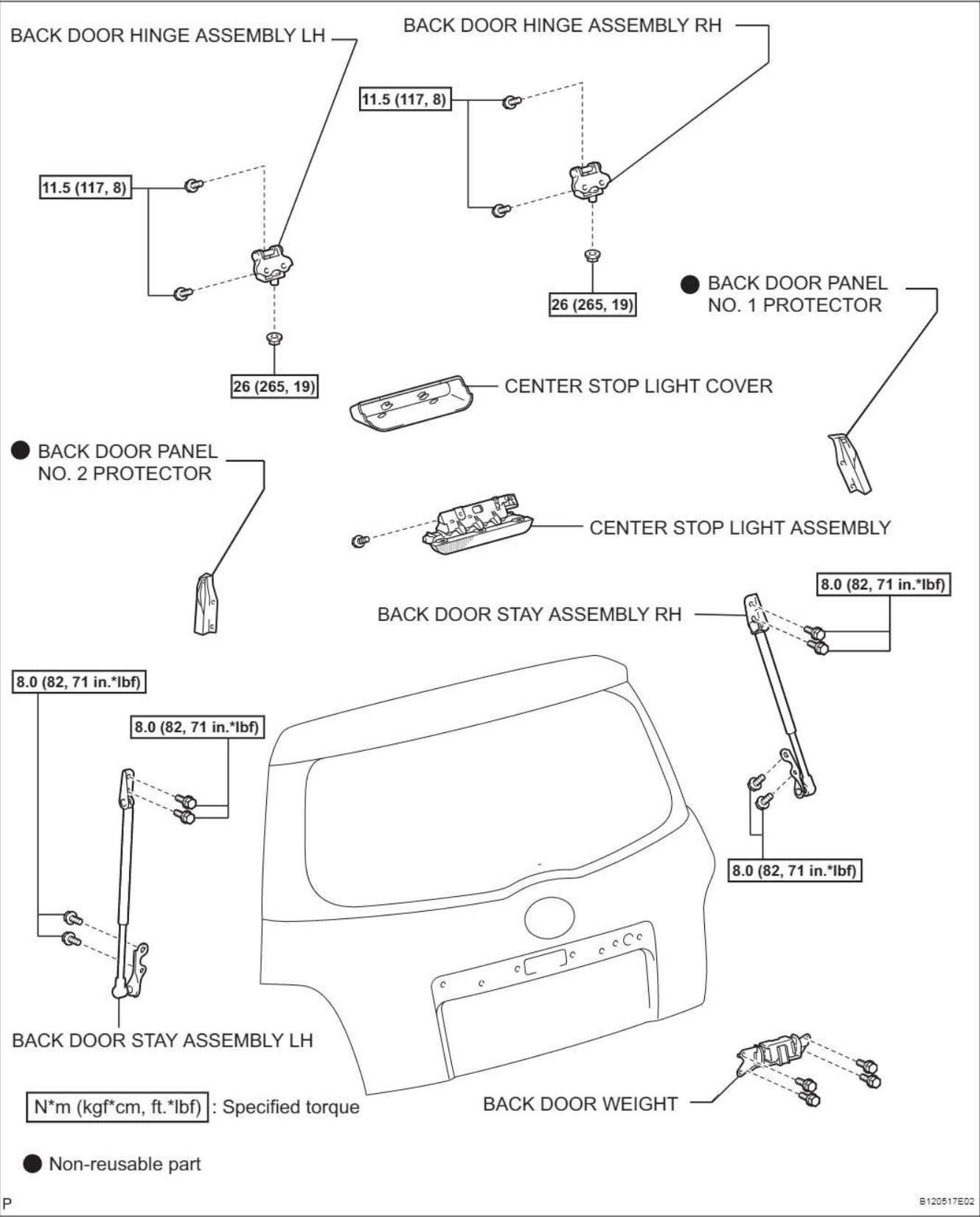
NOTICE:

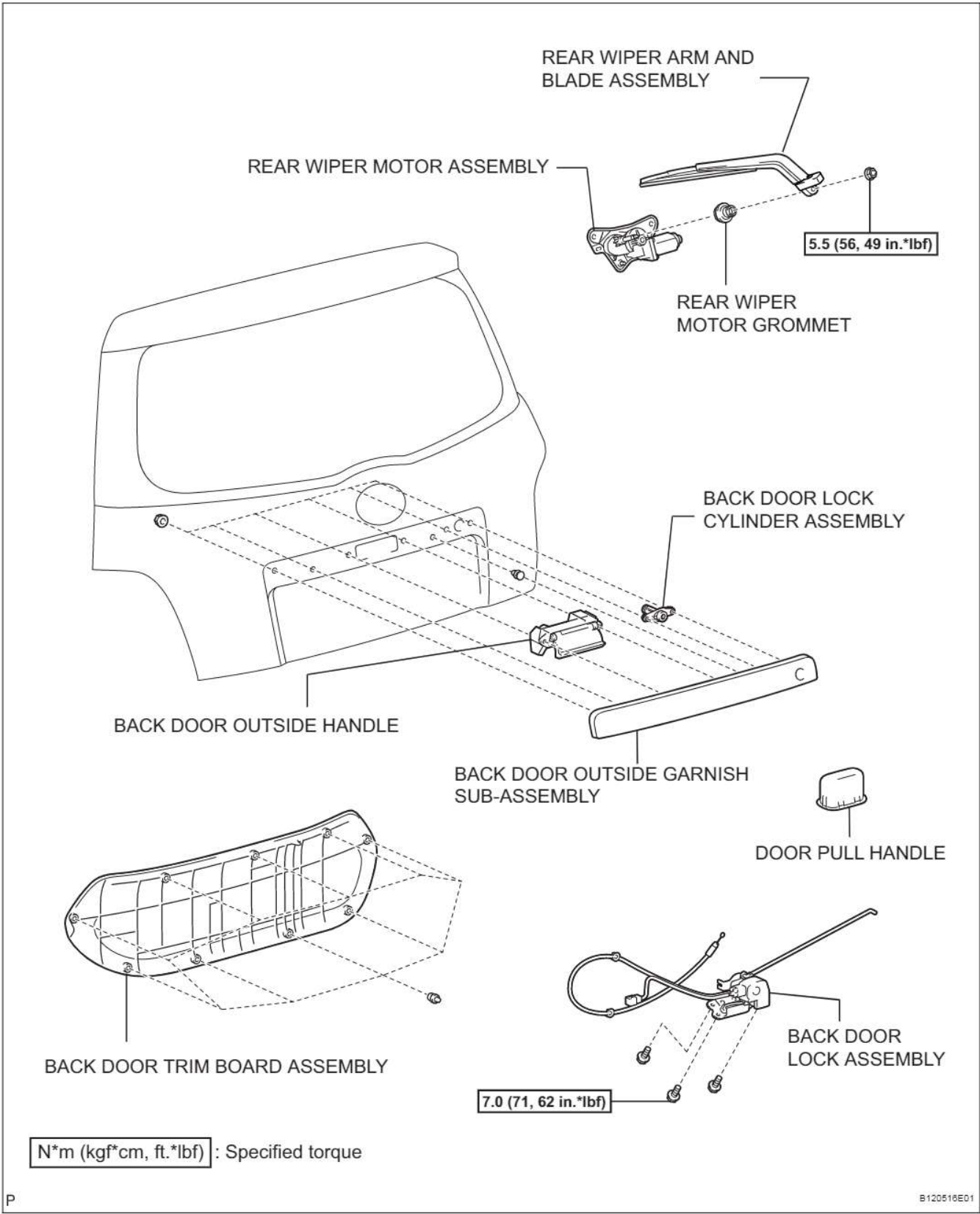
Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

ED

BACK DOOR

COMPONENTS





DISPOSAL

HINT:
Use the same procedure for the RH side and LH side.

1. **DISPOSE OF BACK DOOR STAY ASSEMBLY LH**
- (a) Horizontally fix the stay in a vise with the piston-rod pulled out.
 - (b) Using a metal saw, gradually cut any area between A and B to release the gas.

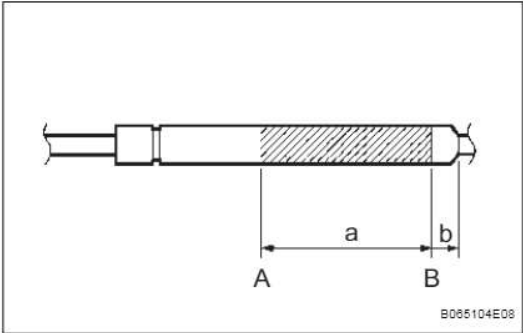
Standard measurement

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

CAUTION:
As metal debris may be blown outward by the gas, you must:

- Wear protective glasses.
- Cover the area being cut.

NOTICE:
The gas is colorless, odorless and harmless.

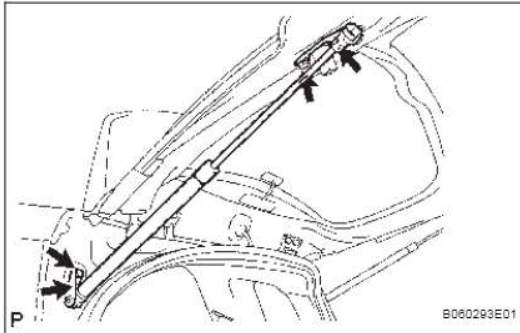


BACK DOOR SUPPORT

REMOVAL

HINT:

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



1. REMOVE BACK DOOR STAY ASSEMBLY LH

- (a) Remove the 2 bolts and stay from the door panel.

HINT:

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

- (b) Remove the 2 bolts and stay from the body panel.

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ENGINE HOOD / DOOR – BACK DOOR SUPPORT

INSTALLATION

HINT:

- Use the same procedure 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 [SS-2](#)).

1. INSTALL BACK DOOR STAY ASSEMBLY LH

- (a) Install the stay with the 4 bolts.

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

