

## Body

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### SUPPLEMENTAL RESTRAINT SYSTEM (SRS) (If body maintenance is required)

The CR-V SRS includes a driver's airbag in the steering wheel hub, a passenger's airbag in the dashboard above the glove box, seat belt tensioners in the front seat belt retractors, seat belt buckle tensioners in the front seat belt buckles, and side airbags in the front seat-backs. Information necessary to safely service the SRS is included in this Service Manual. Items marked with an asterisk ( ) on the contents page include or are located near SRS components.

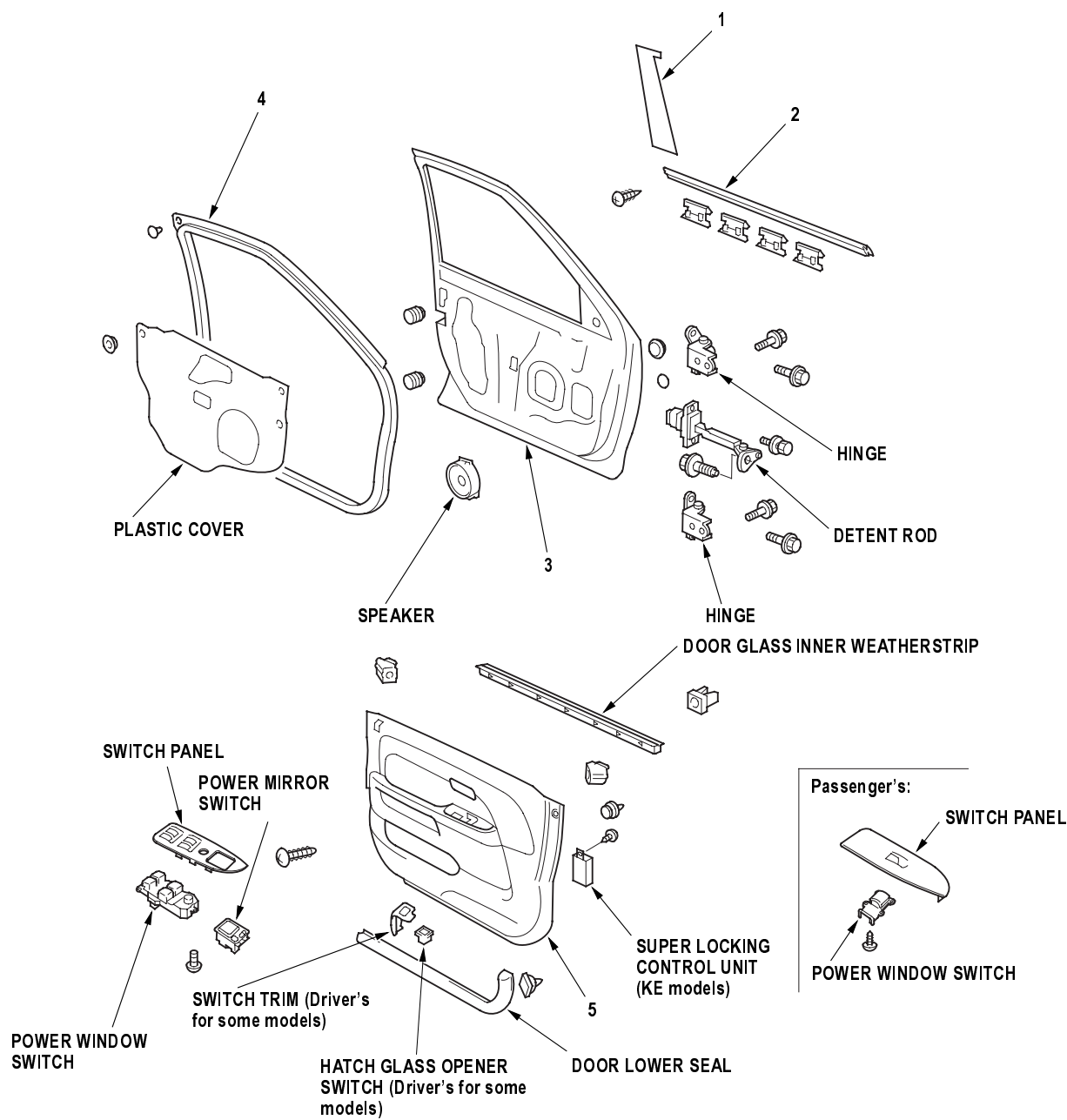
Servicing, disassembling, or replacing these items will require special precautions and tools, and should be done only by an authorized Honda dealer.

- To avoid rendering the SRS inoperative, which could lead to personal injury or death in the event of a severe frontal collision, all SRS service work must be performed by an authorized Honda dealer.
- Improper service procedures, including incorrect removal and installation of the SRS could lead to personal injury caused by unintentional deployment of the airbags and side airbags.
- Do not bump the SRS unit. Otherwise, the system may fail in a collision, or the airbags may deploy when the ignition switch is ON (II).
- SRS electrical connectors are identified by yellow color coding. Related components are located in the steering column, front console, dashboard, dashboard lower panel, in the dashboard above the glove box, in the front seats, and around the floor. Do not use electrical test equipment on these circuits.

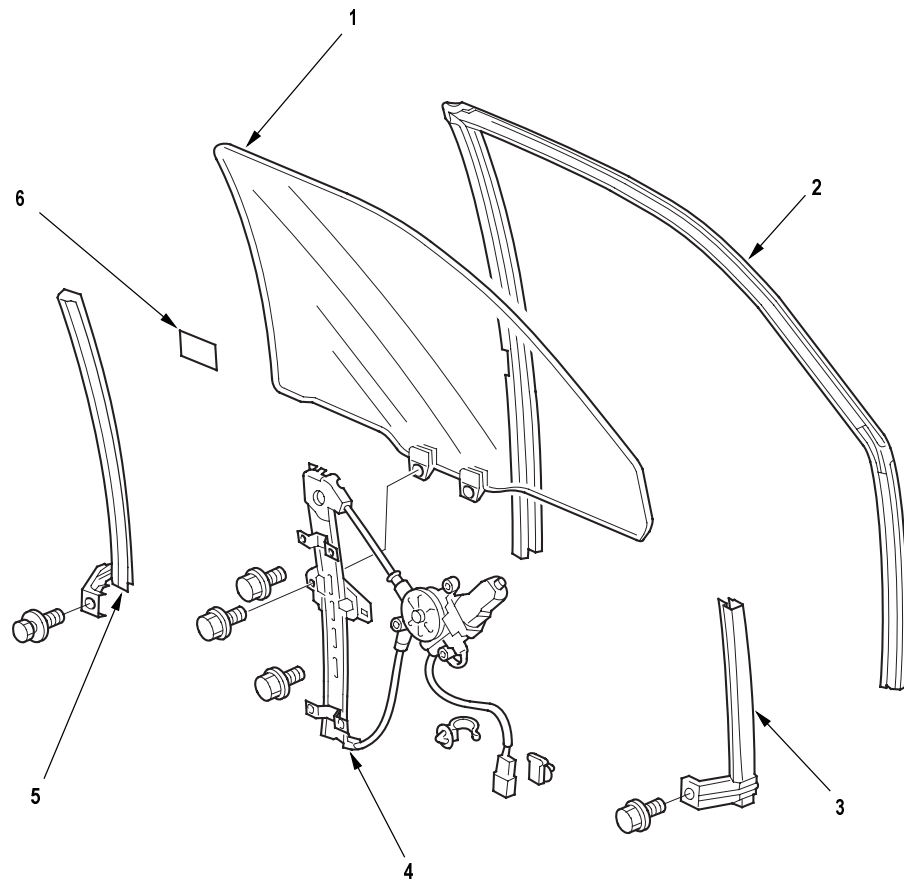


Doors

Component Location Index - Front Door



- |   |                               |   |
|---|-------------------------------|---|
| 1 | DOOR CHANNEL TAPE             | Replacement, <a href="#">page 20-19</a>         |
| 2 | DOOR GLASS OUTER WEATHERSTRIP | Replacement, <a href="#">page 20-17</a>         |
| 3 | DOOR                          | Position Adjustment, <a href="#">page 20-36</a> |
| 4 | DOOR WEATHERSTRIP             | Replacement, <a href="#">page 20-18</a>         |
| 5 | DOOR PANEL                    | Removal/Installation, <a href="#">page 20-9</a> |



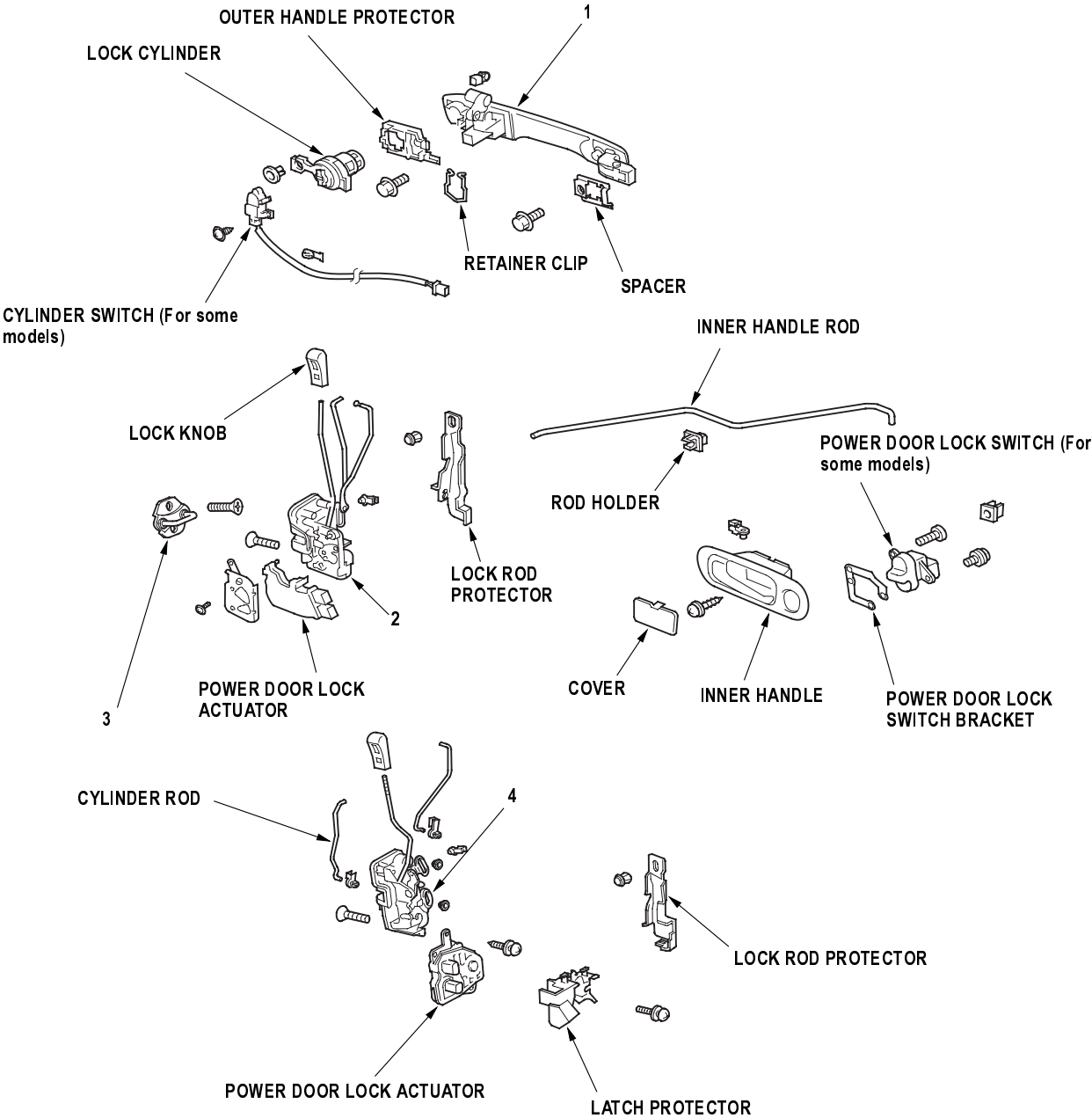
- 1 GLASS
- 2 GLASS RUN CHANNEL
- 3 FRONT LOWER CHANNEL
- 4 REGULATOR
- 5 CENTER LOWER CHANNEL
- 6 IMMOBILIZER LABEL (for some models)

Replacement, [page 20-16](#); Adjustment, [page 20-34](#)

Replacement, [page 20-16](#)

(cont'd)

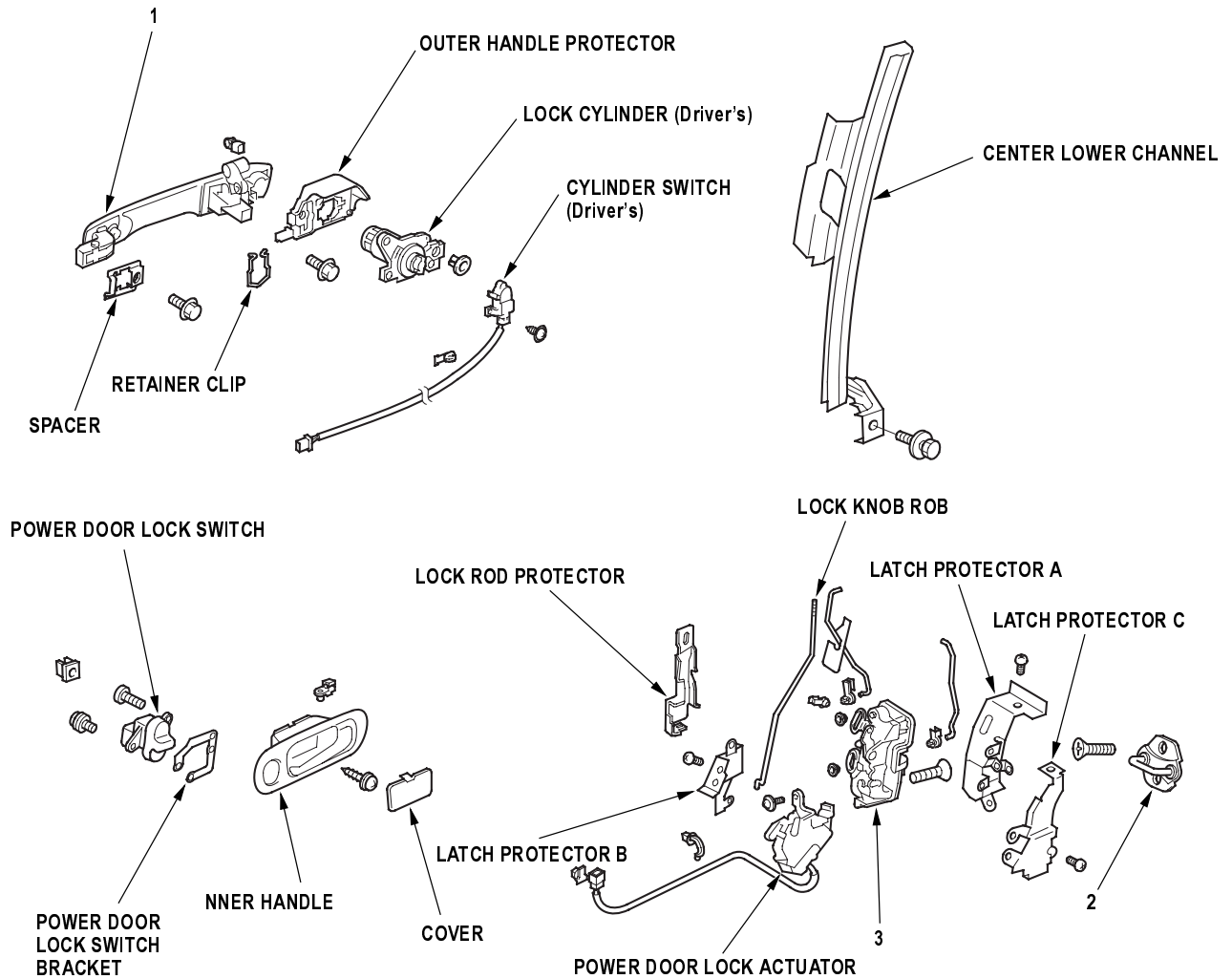
Component Location Index - Front Door (cont'd)



- |   |                    |   |
|---|--------------------|---|
| 1 | OUTER HANDLE       | Replacement, <a href="#">page 20-11</a> |
| 2 | LATCH (HONDA LOCK) | Replacement, <a href="#">page 20-14</a> |
| 3 | STRIKER            | Adjustment, <a href="#">page 20-37</a>  |
| 4 | LATCH (MITSUI)     | Replacement, <a href="#">page 20-14</a> |

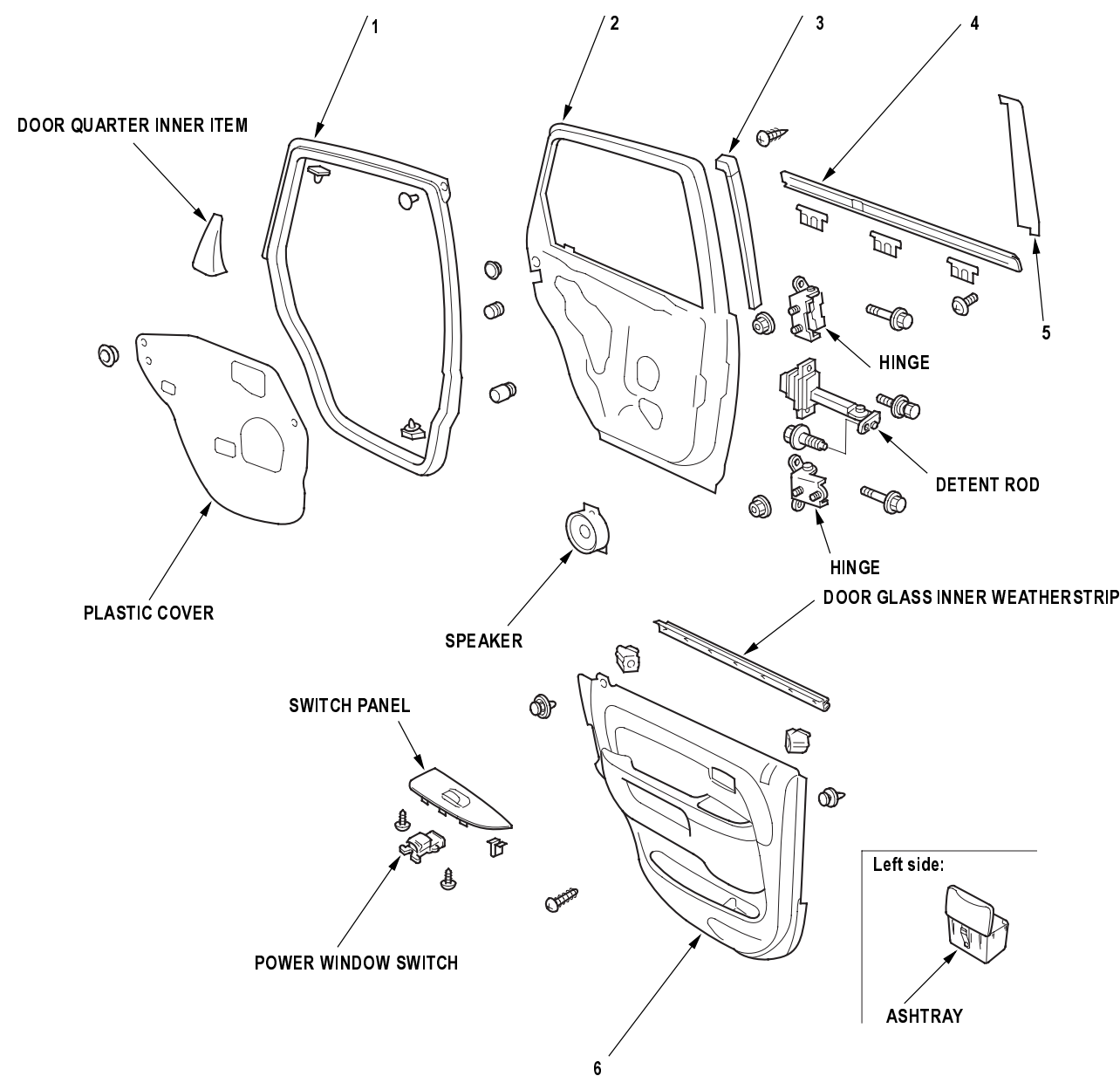


With Super Locking:

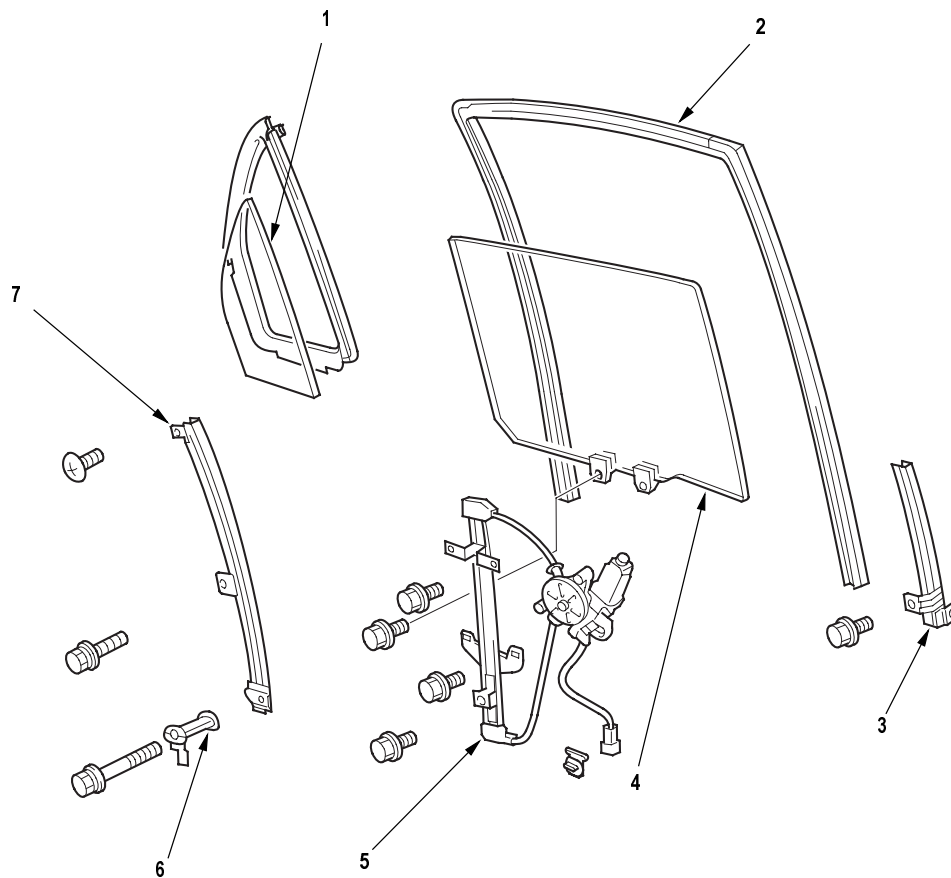


- |   |              |   |
|---|--------------|---|
| 1 | OUTER HANDLE | Replacement, <a href="#">page 20-11</a> |
| 2 | STRIKER      | Adjustment, <a href="#">page 20-37</a>  |
| 3 | LATCH        | Replacement, <a href="#">page 20-14</a> |

Component Location Index - Rear Door



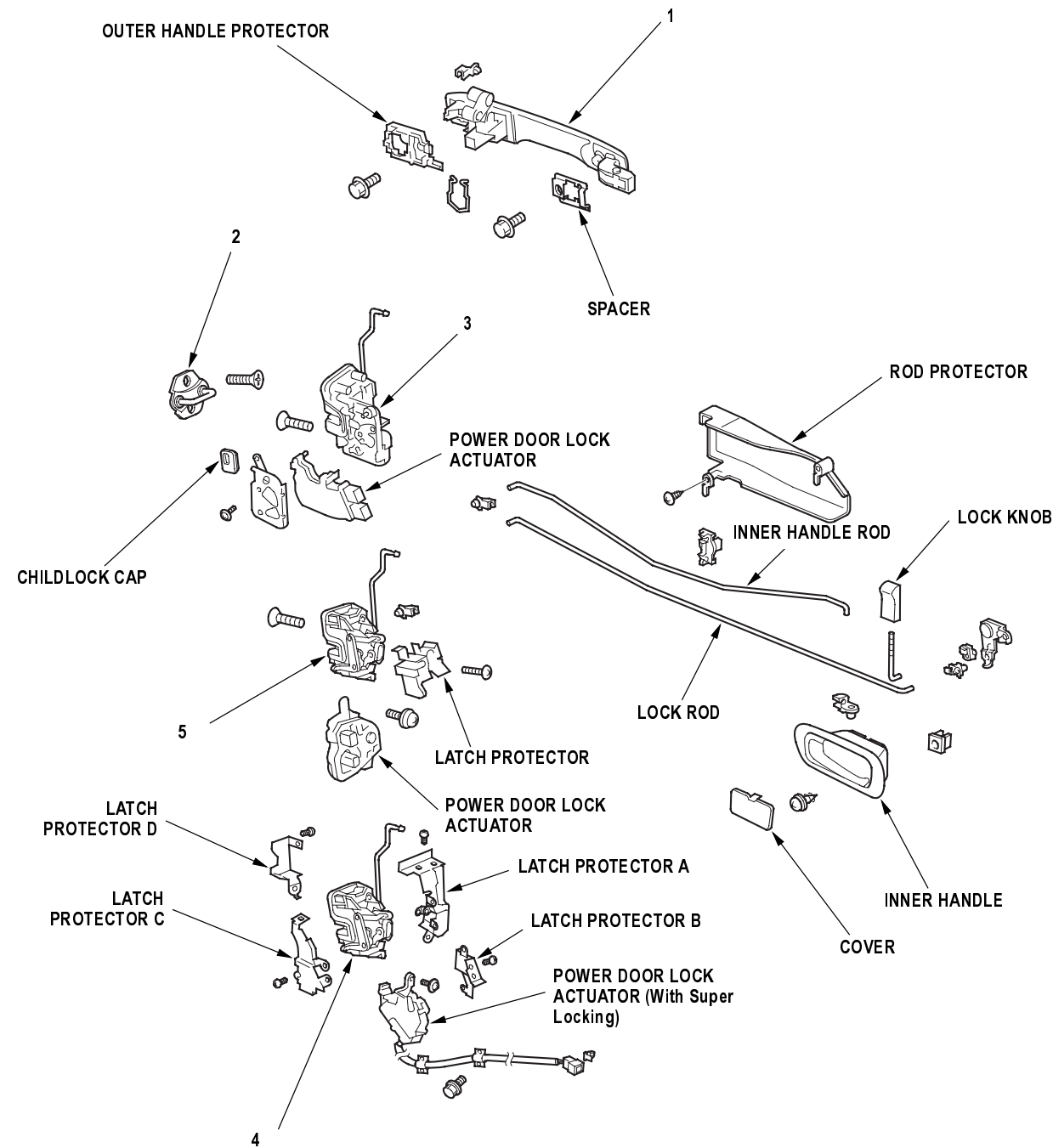
- |   |                               |  |
|---|-------------------------------|--|
| 1 | DOOR WEATHERSTRIP             | Replacement, <a href="#">page 20-30</a>          |
| 2 | DOOR                          | Position Adjustment, <a href="#">page 20-36</a>  |
| 3 | DOOR CENTER PILLAR SEAL       | Replacement, <a href="#">page 20-31</a>          |
| 4 | DOOR GLASS OUTER WEATHERSTRIP | Replacement, <a href="#">page 20-30</a>          |
| 5 | DOOR CHANNEL TAPE             | Replacement, <a href="#">page 20-32</a>          |
| 6 | DOOR PANEL                    | Removal/Installation, <a href="#">page 20-21</a> |



- |   |                     |  |
|---|---------------------|--|
| 1 | QUARTER GLASS       | Replacement, <a href="#">page 20-50</a>  |
| 2 | GLASS RUN CHANNEL   |  |
| 3 | FRONT LOWER CHANNEL |  |
| 4 | GLASS               | Replacement, <a href="#">page 20-27</a> ; Adjustment, <a href="#">page 20-34</a> |
| 5 | REGULATOR           | Replacement, <a href="#">page 20-27</a>  |
| 6 | COLLAR              |  |
| 7 | CENTER CHANNEL      |  |

(cont'd)

Component Location Index - Rear Door (cont'd)



- |   |                                    |   |
|---|------------------------------------|---|
| 1 | OUTER HANDLE                       | Replacement, <a href="#">page 20-23</a> |
| 2 | STRIKER                            | Adjustment, <a href="#">page 20-37</a>  |
| 3 | LATCH (HONDA LOCK)                 | Replacement, <a href="#">page 20-25</a> |
| 4 | LATCH (MITUI) (With Super Locking) | Replacement, <a href="#">page 20-25</a> |
| 5 | LATCH (MITSUI)                     | Replacement, <a href="#">page 20-25</a> |





## Front Door Panel Removal/Installation

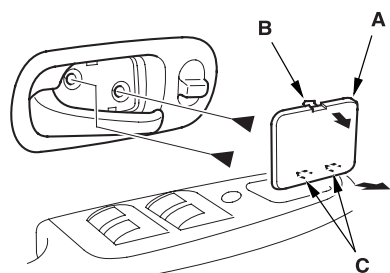
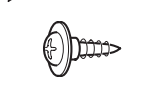
### Special Tools Required

Trim pad remover, Snap-on A 177A or equivalent, commercially available.

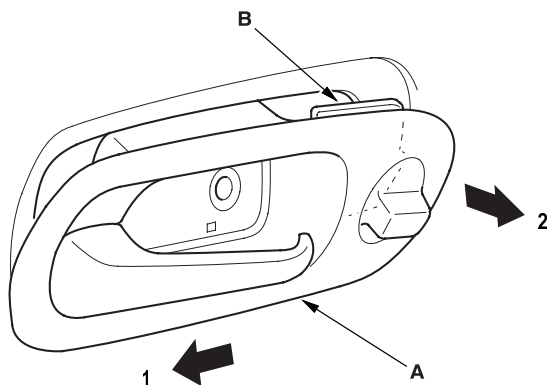
1. Using a flat-tip screwdriver wrapped with protective tape, pry out on the upper portion of the cover (A) to release the hooks (B), then remove the cover.

### Fastener Locations

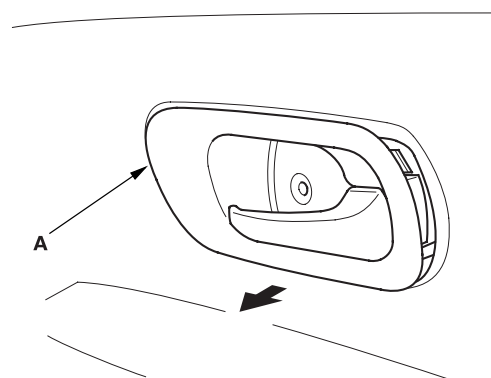
► : Screw, 2



2. Remove the screws.
3. Driver's door with power door lock switch: Pull out the inner handle (A) rearward and out half-way to release the power door lock switch bracket (B) from the door panel (C).

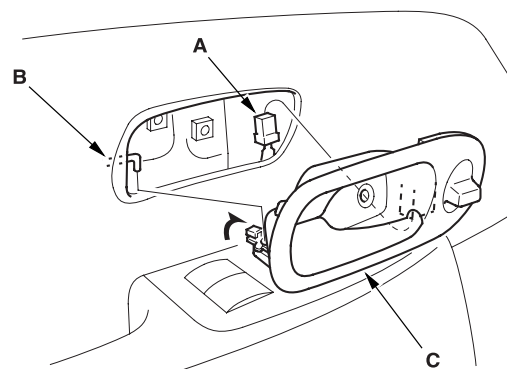


4. Driver's door without power door lock switch, and passenger's door: Pull out the inner handle (A) half-way.



5. If equipped, disconnect the power door lock switch connector (A) on driver's side.

Disconnect the inner handle rod (B), then remove the inner handle (C).



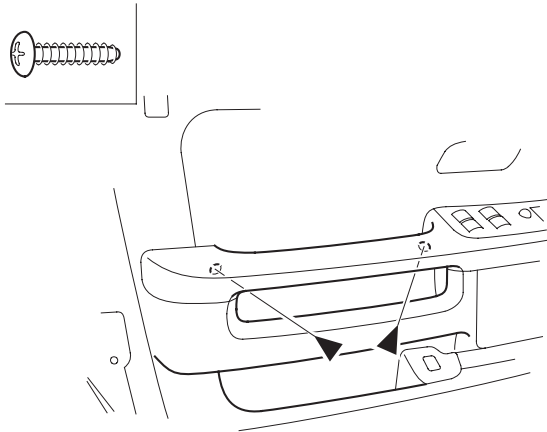
(cont'd)

## Front Door Panel Removal/Installation (cont'd)

6. Lower the glass fully.
7. Remove the screws from under the armrest.

## Fastener Locations

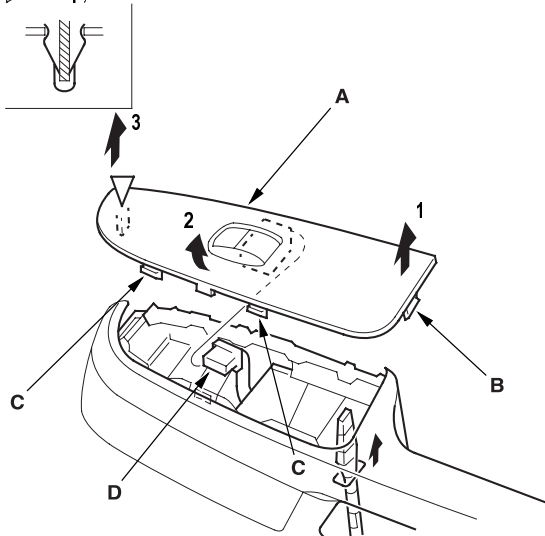
► : Screw, 2



8. Passenger's door: Remove the switch panel (A).
  - 1 Insert a flat-tip screwdriver wrapped with protective tape through a hole under the armrest, and push up the back of the panel to release the rear hook (B).
  - 2 Pull out along the edge of the panel to release the hooks (C) and clip.
  - 3 Disconnect the power window switch connector (D).

## Fastener Location

► : Clip, 1

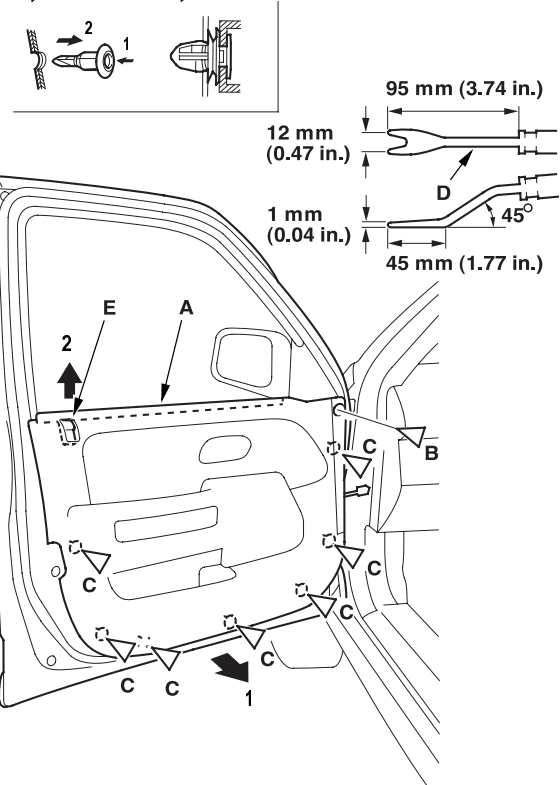


9. Remove the mirror mount cover (see step 2 on [page 20-39](#)).
10. Remove the door panel (A) with as little bending as possible to avoid creasing or breaking it.
  - 1 Release the clip (B).
  - 2 Release the clips (C) that hold the door panel with a commercially available trim pad remover (D).
  - 3 Starting at the rear, pull the door panel upward, then release the lock knob (E).

## Fastener Locations

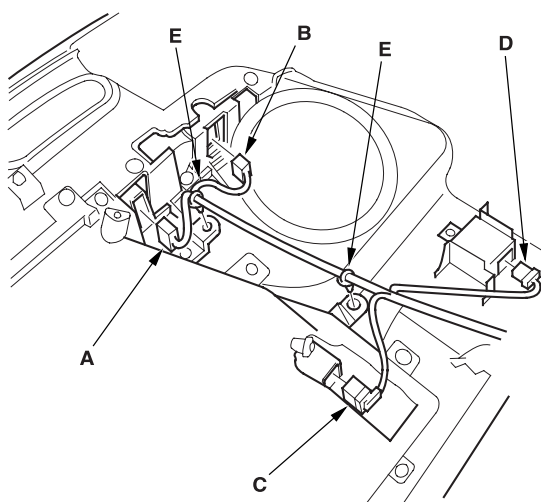
B► : Clip, 1

C► : Clip, 8





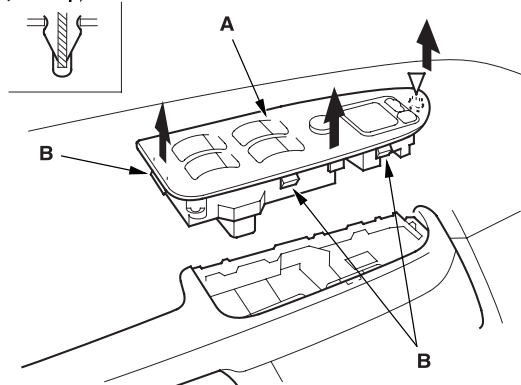
11. Driver's door: Disconnect the power window switch connector (A), power mirror switch connector (B), and if equipped, disconnect the hatch glass opener switch connector (C) and super locking control unit connector (D), and detach the harness clips (E) from the back of the door panel. RHD is shown, LHD is symmetrical except it has no super locking control unit.



12. Driver's door: Push up the back of the switch panel (A) to release the clip and hooks (B), then remove the panel.

#### Fastener Location

▷ : Clip, 1



13. Install the panel in the reverse order of removal, and note these items:
- Replace any damaged clips.
  - Make sure the connectors are plugged in properly, and the rod is connected properly.

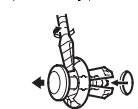
## Front Door Outer Handle Replacement

NOTE: Put on gloves to protect your hands.

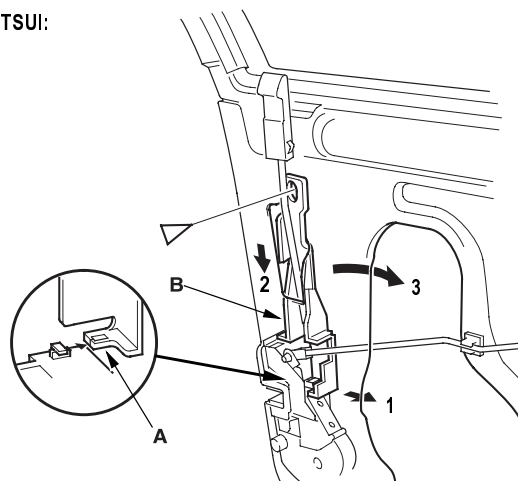
1. Remove these items:
  - Door panel ([see page 20-9](#))
  - Plastic cover, as necessary ([see page 20-2](#))
2. Raise the glass fully.
3. Release the clip and detach the hook (A), then remove the lock rod protector (B).

#### Fastener Location

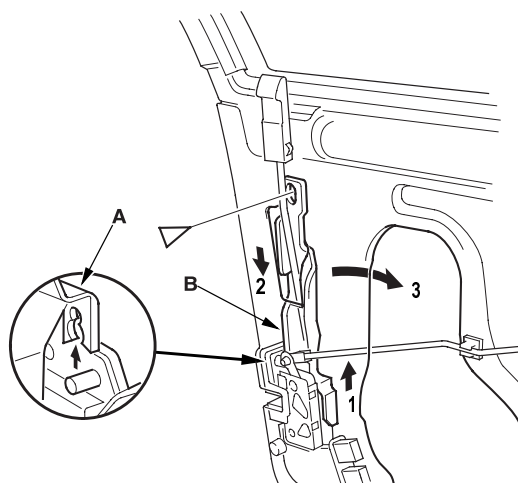
▷ : Clip, 1



MITSUI:



HONDA LOCK:



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## Front Door Outer Handle Replacement (cont'd)

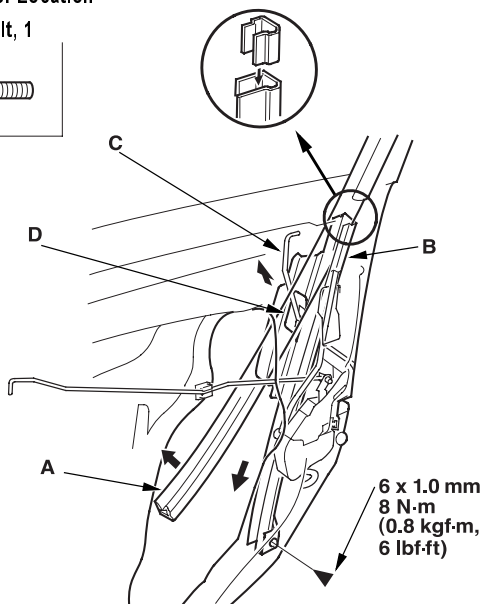
4. Disconnect the outer handle rod (A) and cylinder rod (B). Driver's with Super Locking : Disconnect the outer handle rod only. Without cylinder switch is shown (with cylinder switch is similar).



5. Driver's with Super Locking : Pull the glass run channel (A) away as necessary. Remove the bolt, then remove the center lower channel (B) by pulling it downward, and pull the channel up to remove it from the outer handle rod (C) through the hole (D) in the channel.

### Fastener Location

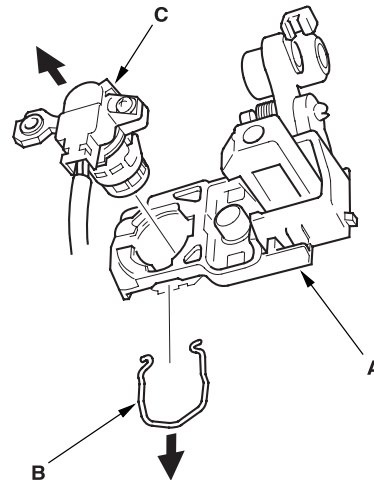
► : Bolt, 1



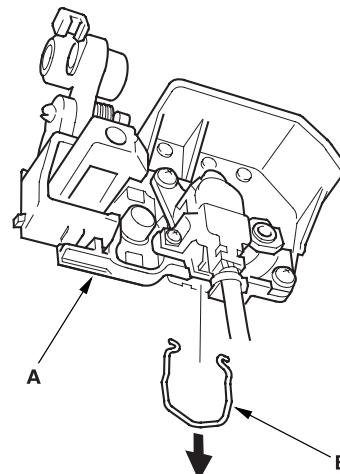
6. Driver's with Super Locking : Disconnect the cylinder rod (see step 4).

7. Release the retainer clip (B) with a hooked shaped tool. On no Super Locking models, remove the lock cylinder (C).

### Without Super Locking:



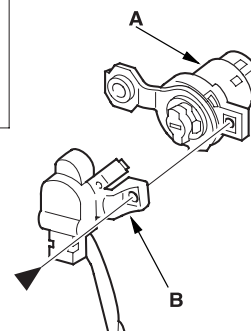
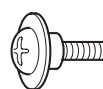
### With Super Locking:



8. On no Super Locking models with cylinder switch, remove the screw, then separate the lock cylinder (A) and cylinder switch (B).

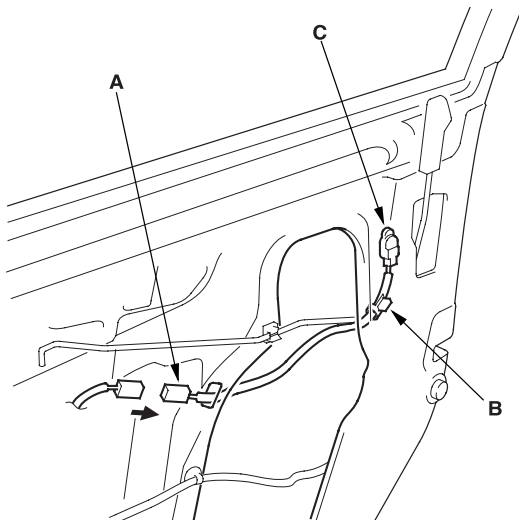
### Fastener Location

► : Screw, 1





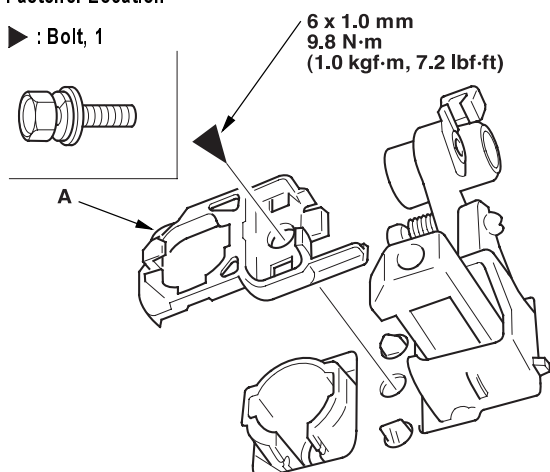
9. With cylinder switch: Disconnect the cylinder switch connector (A), and detach the harness clip (B), then remove the cylinder switch (C). With Super Locking is shown.



10. Remove the bolt, then remove the cylinder protector (A). Without Super Locking and with Super Locking (passengers side) are shown, with Super Locking (driver's side) is that removing the lock cylinder and cylinder protector as an assembly.

#### Fastener Location

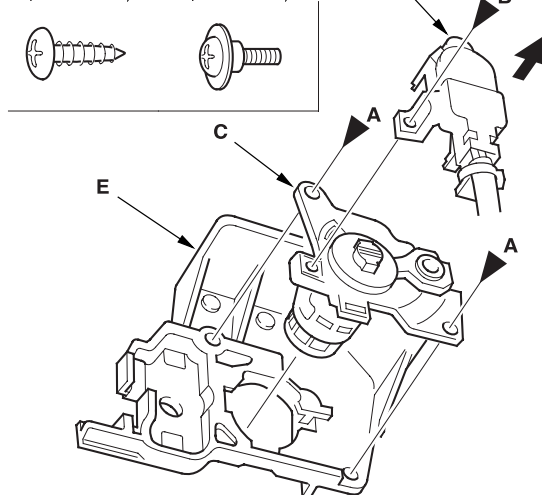
► : Bolt, 1



11. With Super Locking: Remove the screws (A, B), then separate the lock cylinder (C), cylinder switch (D), and cylinder protector (E).

#### Fastener Locations

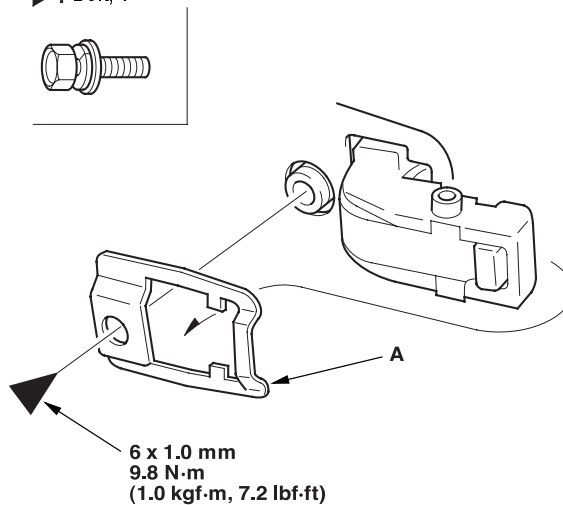
A► : Screw, 2 B► : Screw, 1



12. Remove the bolt, then remove the spacer (A).

#### Fastener Location

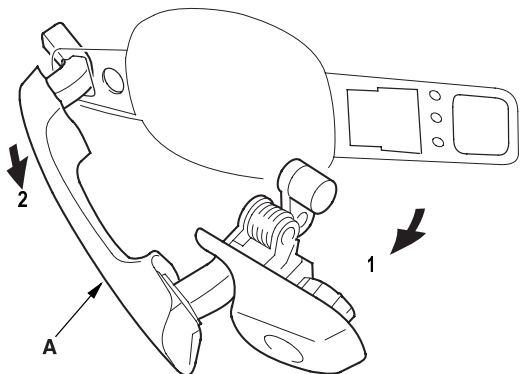
► : Bolt, 1



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## Front Door Outer Handle Replacement (cont'd)

13. While pulling the outer handle (A), remove the handle from the holes in the door panel. Take care not to scratch the door.



14. Install the handle in the reverse order of removal, and note these items:
- Make sure the cylinder switch harness is routed properly (for some models).
  - Make sure the cylinder switch connector is plugged in properly (for some models), and each rod is connected securely.
  - Make sure the door locks and opens properly.
  - When installing the lock cylinder, leave the outer door handle bolts loose so the inner protector does not interfere with the lock cylinder, then tighten the handle bolts.
  - Install the lock cylinder retaining clip on the handle, then install the lock cylinder. Be sure the clip is fully seated in the slot on the lock cylinder.

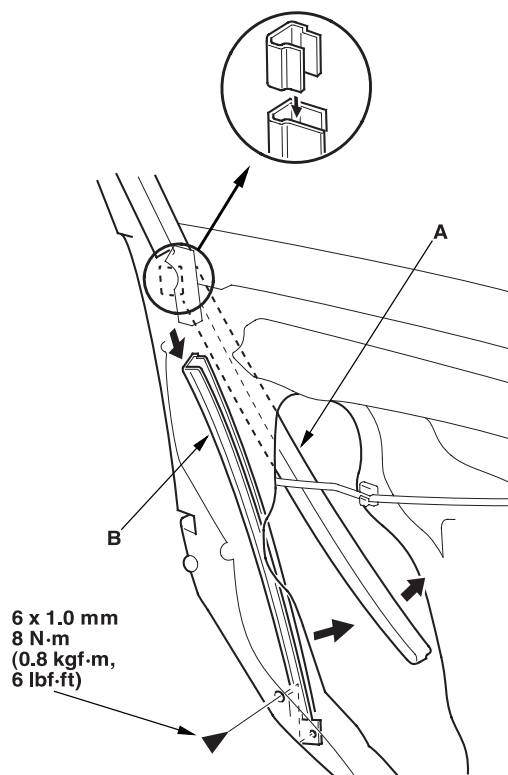
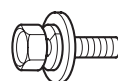
## Front Door Latch Replacement

NOTE: Put on gloves to protect your hands.

1. Remove these items:
  - Door panel (see page 20-9)
  - Plastic cover, as necessary (see page 20-2)
  - Lock rod protector (see step 3 on page 20-11)
  - Center lower channel, driver's with Super Locking (see step 5 on page 20-12)
2. Raise the glass fully.
3. Without Super locking and passenger's with Super Locking: Pull the glass run channel (A) away as necessary, and remove the bolt, then remove the center lower channel (B) by pulling it downward.

### Fastener Location

►: Bolt, 1



4. Disconnect the outer handle rod and cylinder rod (see step 4 on page 20-12).

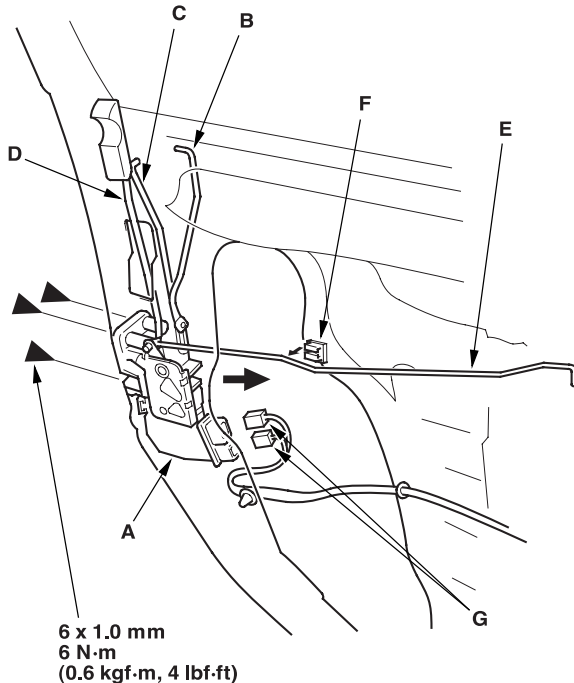
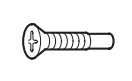


5. Without Super Locking: Remove the latch (A). Take care not to bend the outer handle rod (B), cylinder rod (C), lock rod (D), and inner handle rod (E). The Honda Lock make is shown (the Mitsui make is similar).

- 1 Release the inner handle rod from the rod holder (F).
- 2 Disconnect the connectors (G).
- 3 Remove the screws.
- 4 Remove the latch from the hole in the door.

## Fastener Locations

► : Screw, 3

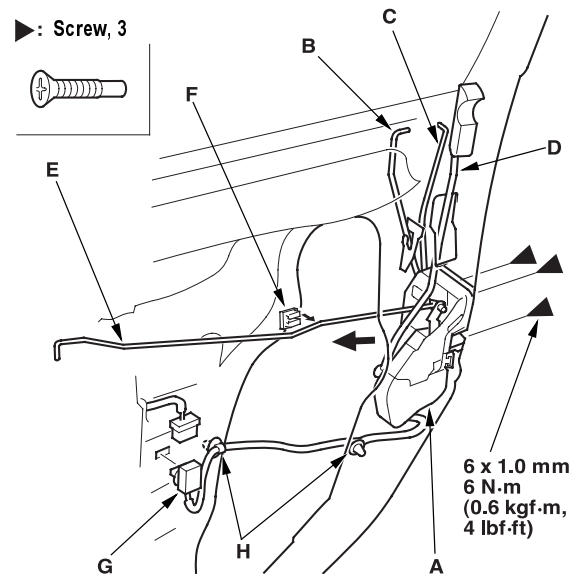


6. With Super Locking: Remove the latch (A). Take care not to bend the outer handle rod (B), cylinder rod (C), lock rod (D), and inner handle rod (E).

- 1 Release the inner handle rod from the rod holder (F).
- 2 Disconnect the connector (G), and detach it. Detach the harness clips (H).
- 3 Remove the screws.
- 4 Remove the latch from the hole in the door.

## Fastener Locations

► : Screw, 3



7. Install the latch in the reverse order of removal, and note these items:

- Make sure the actuator connector(s) is plugged in properly, and each rod is connected securely.
- Make sure the door locks and opens properly.

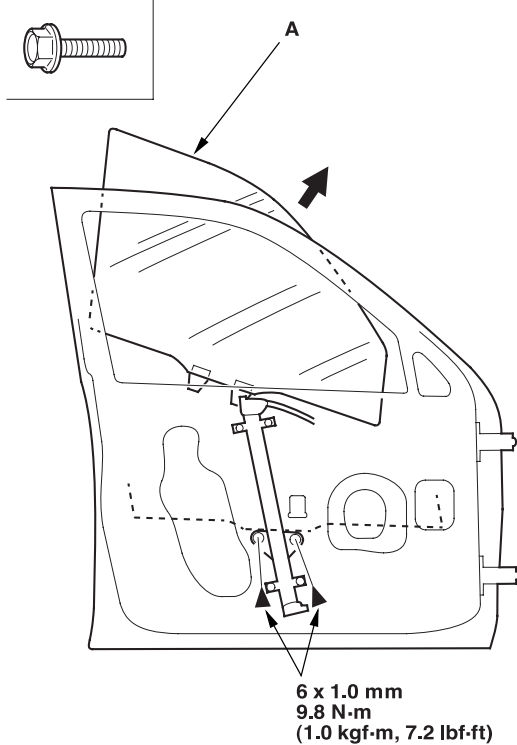
## Front Door Glass and Regulator Replacement

NOTE: Put on gloves to protect your hands.

1. Remove these items:
  - Door panel (see page 20-9)
  - Plastic cover, as necessary (see page 20-2)
2. Carefully move the glass (A) until you can see the bolts, then remove them. Carefully pull the glass out through the window slot. Take care not to drop the glass inside the door.

### Fastener Locations

► : Bolt, 2

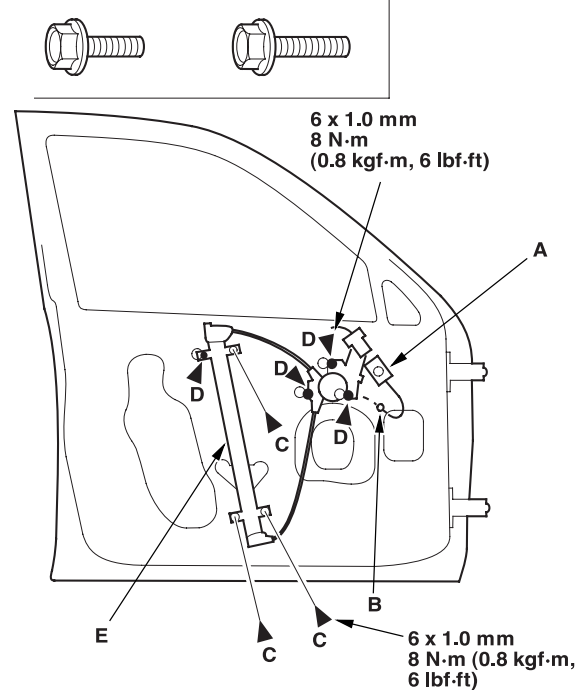


3. Disconnect and detach the connector (A) and harness clip (B) from the door.

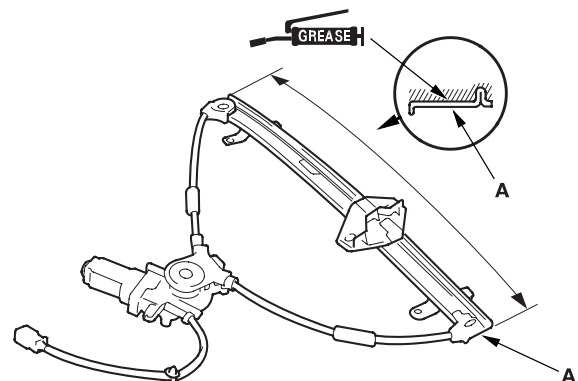
### Fastener Locations

C ► : Bolt, 3

D ► : Bolt, 4



4. Remove the bolts (C), and loosen the bolts (D), then remove the regulator (E) through the hole in the door.
5. Grease all the sliding surfaces of the regulator (A) where shown.







6. Install the glass and regulator in the reverse order of removal, and note these items:
  - Roll the glass up and down to see if it moves freely without binding.
  - Make sure that there is no clearance between the glass and glass run channel when the glass is closed.
  - Adjust the position of the glass as necessary ([see page 20-34](#)).

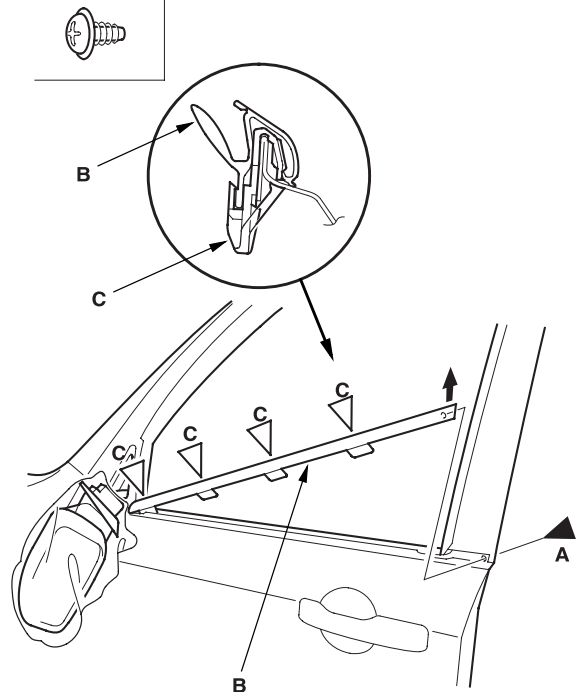
## Front Door Glass Outer Weatherstrip Replacement

### NOTE:

- Put on gloves to protect your hands.
  - Take care not to scratch the door.
1. Remove the power mirror ([see page 20-39](#)). To prevent scratching the power mirror and door, wrap the power mirror with a shop towel. Disconnecting the power mirror connector is not required.
  2. Remove the screw (A) from the rear edge of the door. Starting at the rear, pry the door glass outer weatherstrip (B) up to detach the clips (C), then remove the weatherstrip.

### Fastener Locations

A ► : Screw, 1      C ► : Clip, 4



3. Install the weatherstrip in the reverse order of removal, and replace any damaged clips.

## Front Door Weatherstrip Replacement

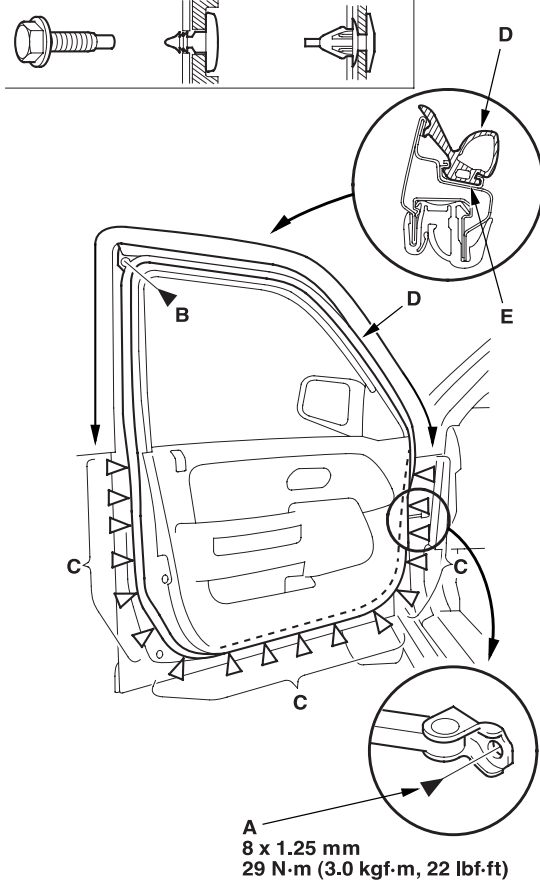
### NOTE:

- Take care not to scratch the door.
- Use a clip remover to remove the clips.

1. At the front pillar, remove the door stop mounting bolt (A).

### Fastener Locations

A ► : Bolt, 1    B ► : Clip, 1    C ► : Clip, 17



2. Detach the clips (B, C), then remove the door weatherstrip (D).
3. Install the weatherstrip in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Make sure the weatherstrip is installed in the holder (E) securely.
  - Apply liquid thread lock to door stop mounting bolt before installation.
  - Check for water leaks (see step 7 on [page 20-35](#)).



## Front Door Channel Tape Replacement

### NOTE:

- Keep dust away from the working area.
  - When working at lower temperatures, heat the door channel and door channel tape with a hair dryer.
    - Door channel: about 15°C (59°F).
    - Door channel tape: about 30°C (86°F).
  - When heating the door channel tape, heat it evenly and gradually to prevent deformation.
  - When pressing the door channel tape, slowly press it from the corner to prevent air bubbles and wrinkles.
  - If there are air bubbles in the door channel tape, release the air with your finger or a plastic squeegee.
  - If the air bubble is more than 10 mm (0.4 in.) in diameter, peel up the door channel tape, then reapply it.
1. The following tools are required to replace the door channel tape:
    - Plastic squeegee
    - Alcohol
    - Sponge or Shop towel
    - Hair dryer
  2. Remove these items:
    - Door glass outer weatherstrip ([see page 20-17](#))
    - Glass run channel, as necessary ([see page 20-2](#))
  3. Slowly peel up the old door channel tape while heating it with a hair dryer.
  4. Clean the door channel bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease, and water from getting on the surface.

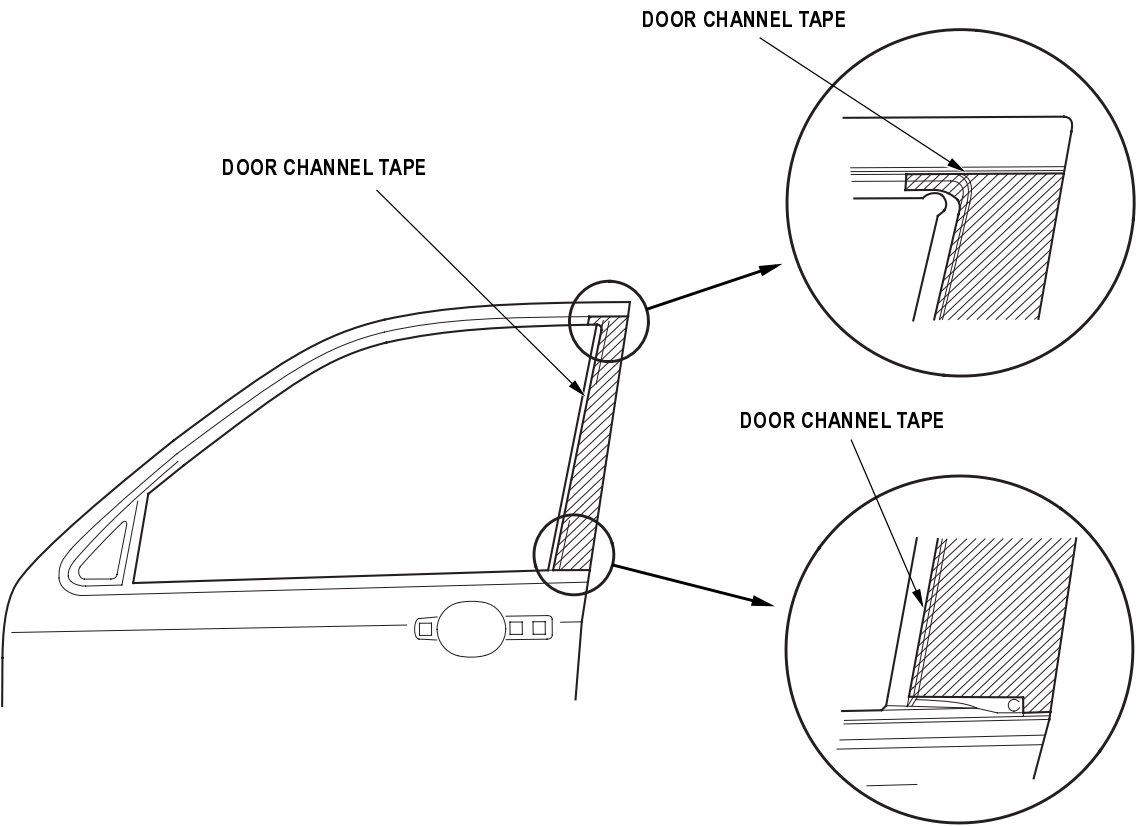
5. Attach the door channel tape.
  - 1 Peel the edge of the adhesive backing from the channel tape.
  - 2 Fit the door channel tape to the door channel.
  - 3 Apply the door channel tape to the door channel while peeling the adhesive backing from it a little at a time. Check that the channel tape is parallel with the door channel.
  - 4 Push firmly on the door channel tape with a plastic squeegee (felt side).

NOTE: To prevent air bubbles, slowly press the door channel tape around the door frame corner.
6. As necessary, repeat the preceding steps.
7. Reinstall all remaining removed parts.
8. Check that the body color on the door channel is covered by the door channel tape.
9. Check for water leaks (see step 7 on [page 20-35](#)).

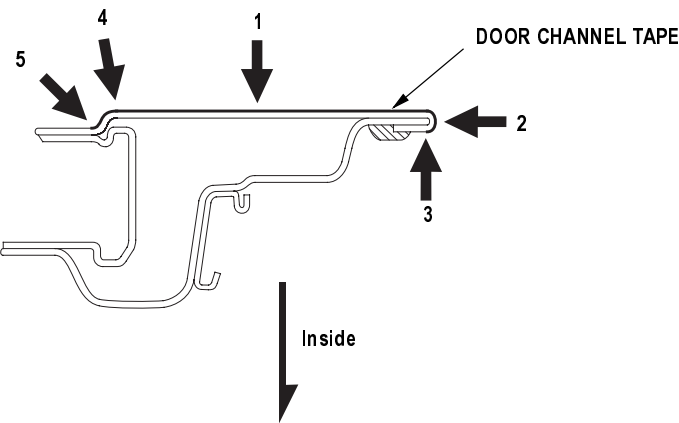
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Front Door Channel Tape Replacement (cont'd)

Attachment Point (Reference):



Note: Press in numbered sequence:





## Rear Door Panel Removal/Installation

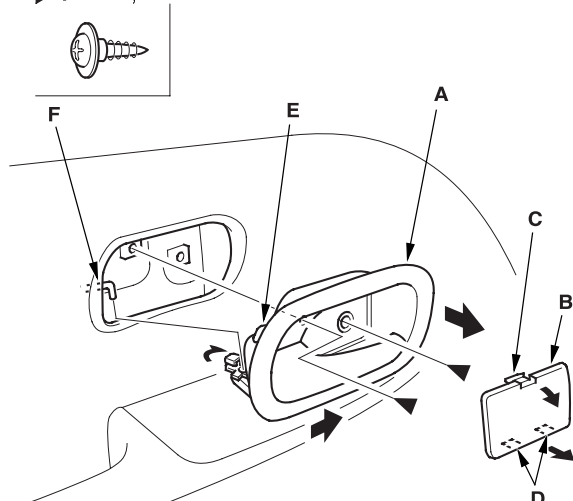
### Special Tools Required

Trim pad remover, Snap-on A 177A or equivalent, commercially available.

1. Lower the glass fully.
2. Remove the inner handle (A). Take care not to scratch the door panel.
  - 1 Using a flat-tip screwdriver wrapped with protective tape, pry out on the upper portion of the cover (B) to release the hooks (C, D), then remove the cover.
  - 2 Remove the screws.
  - 4 Pull out the inner handle forward and out half-way to release the hook (E).
  - 2 Disconnect the inner handle rod (F).

### Fastener Locations

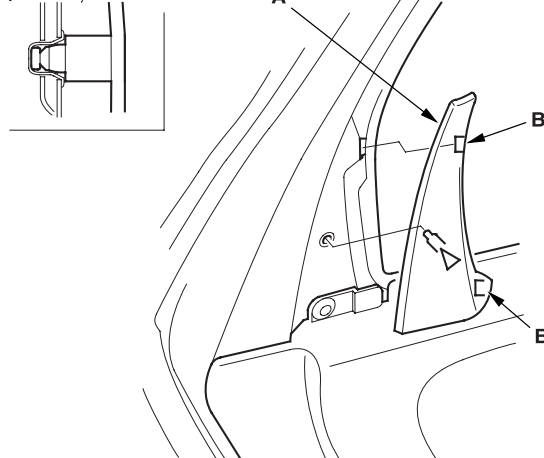
► : Screw, 2



3. Remove the door quarter inner trim (A). Take care not to scratch the door.
  - 1 Using a flat-tip screwdriver wrapped with protective tape, insert it next to the pin, and detach the pin by prying on the trim while holding the hook portions. Take care not to break the hooks (B).
  - 2 Pull the trim forward to release the hooks.

### Fastener Location

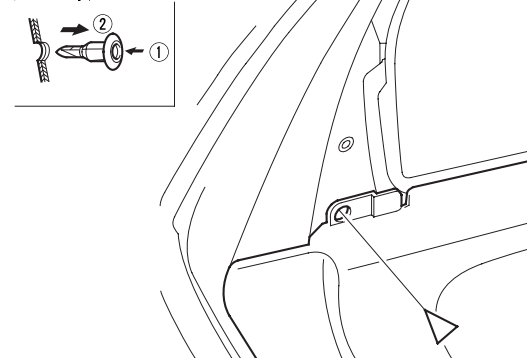
▷ : Pin, 1



4. Remove the clip from the door quarter inner trim mounting portion.

### Fastener Location

▷ : Clip, 1



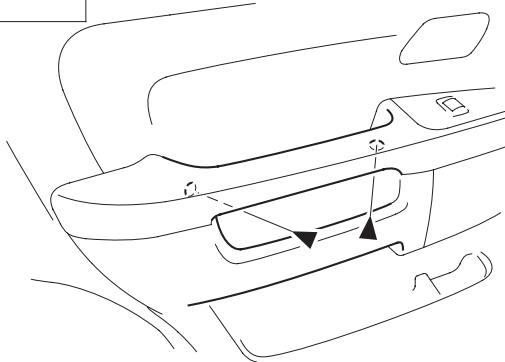
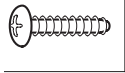
(cont'd)

## Rear Door Panel Removal/Installation (cont'd)

5. Remove the screws from under the armrest.

### Fastener Locations

► : Screw, 2

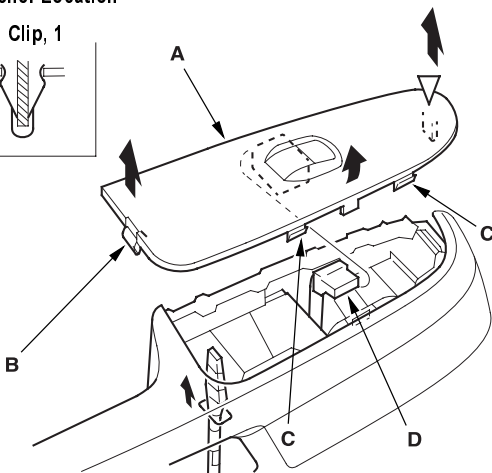
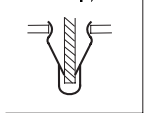


6. Remove the switch panel (A).

- Insert a flat-tip screwdriver wrapped with protective tape through a hole under the armrest, and push up the back of the panel to release the rear hook (B).
- Pull out along the edge of the panel to release the hooks (C) and clip.
- Disconnect the power window switch connector (D).

### Fastener Location

► : Clip, 1

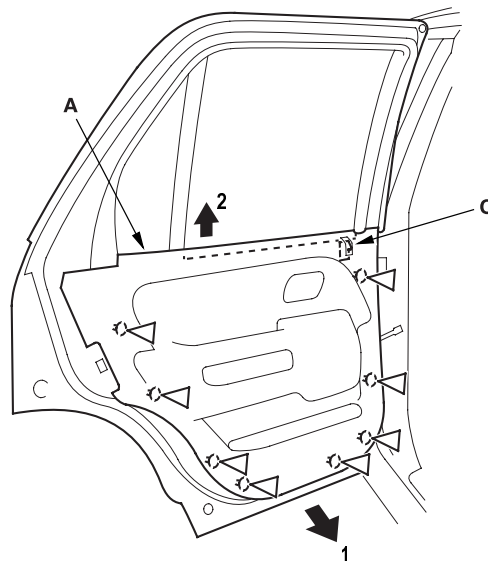
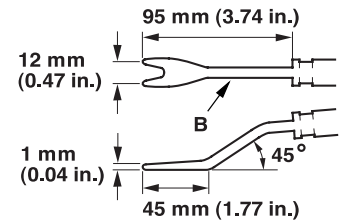
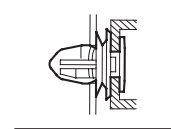


7. Remove the door panel (A) with as little bending as possible to avoid creasing or breaking it.

- Release the clips that hold the door panel with a commercially available trim pad remover (B).
- Standing at the rear, pull the door panel upward, then release the lock knob (C).

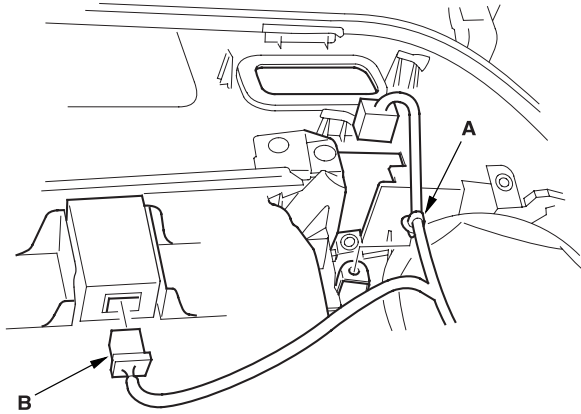
### Fastener Locations

► : Clip, 8





8. Form the back of the door panel, detach the harness clip (A). If equipped, disconnect the super locking control unit connector (B). RHD is shown, LHD is symmetrical except it has no super locking control unit.



9. Install the panel in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Make sure the connector (s) is plugged in properly and the rod is connected properly.

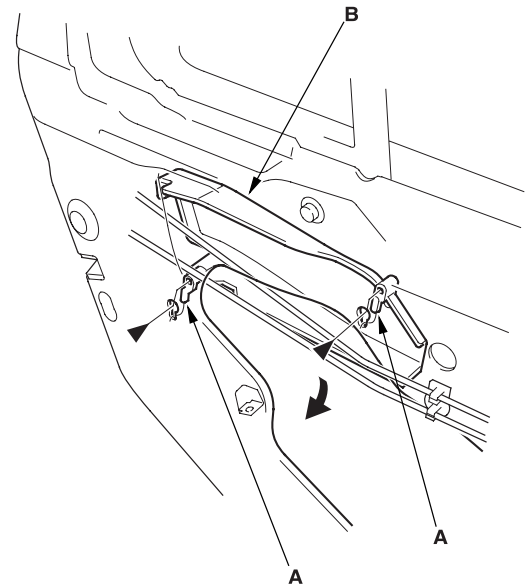
## Rear Door Outer Handle Replacement

NOTE : Put on gloves to protect your hands.

1. Remove these items:
  - Door panel ([see page 20-21](#))
  - Plastic cover, as necessary ([see page 20-6](#))
2. Raise the glass fully.
3. Remove the screws, and release the hooks (A), then remove the rod protector (B).

### Fastener Locations

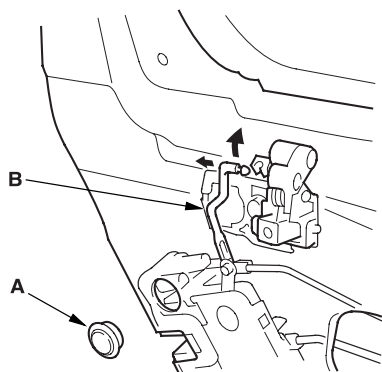
►: Screw, 2



(cont'd)

## Rear Door Outer Handle Replacement (cont'd)

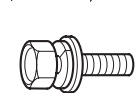
4. Remove the access cap (A), then disconnect the outer handle rod (B).



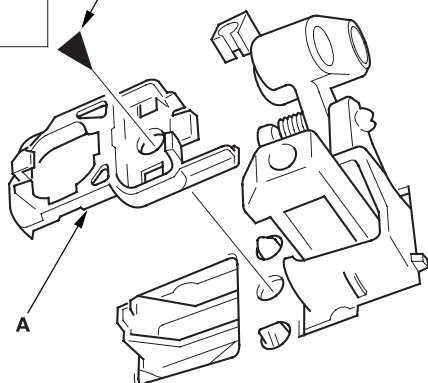
5. Remove the bolt, then remove the protector (A).

## Fastener Location

► : Bolt, 1



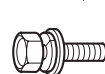
6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)



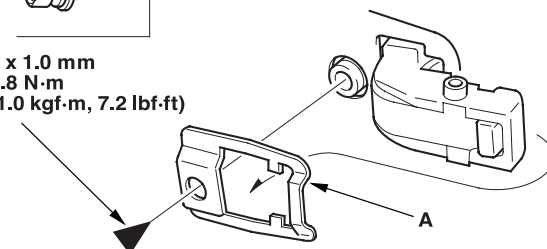
6. Remove the bolt, then remove the spacer (A).

## Fastener Location

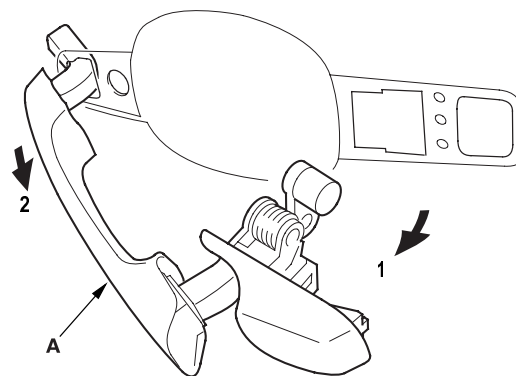
► : Bolt, 1



6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)



7. While pulling the outer handle (A), remove the handle from the holes in the door panel. Take care not to scratch the door.



8. Install the handle in the reverse order of removal, and note these items:

- Make sure the outer handle rod is connected securely.
- Make sure the door locks and opens properly.

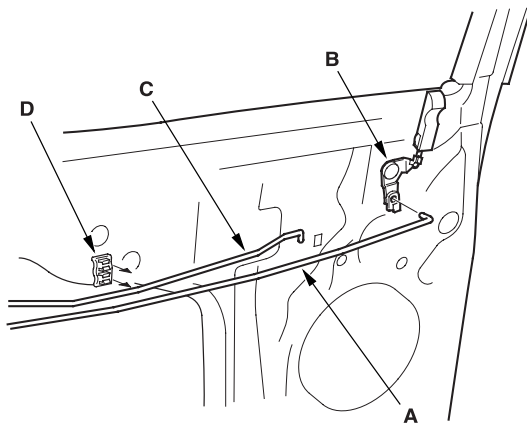




## Rear Door Latch Replacement

NOTE: Put on gloves to protect your hands.

1. Remove these items:
  - Door panel (see page 20-21)
  - Plastic cover, as necessary (see page 20-6)
  - Rod protector (see step 3 on page 20-23)
2. Raise the glass fully.
3. Remove the access cap, then disconnect the outer handle rod (see step 4 on page 20-24).
4. Disconnect the lock rod (A) from the lock crank (B), and release the inner handle rod (C) and lock rod from the rod holder (D).

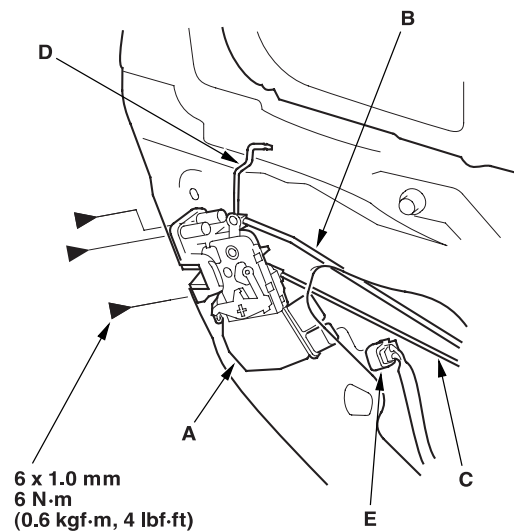
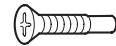


5. Without Super Locking: Remove the latch (A). Take care not to bend the inner handle rod (B), lock rod (C), and outer handle rod (D). The Honda Lock make is shown (the Mitsui make is similar).

- 1 Disconnect the connector (E).
- 2 Remove the screws.
- 3 Remove the latch from the hole in the door.

### Fastener Locations

► : Screw, 3



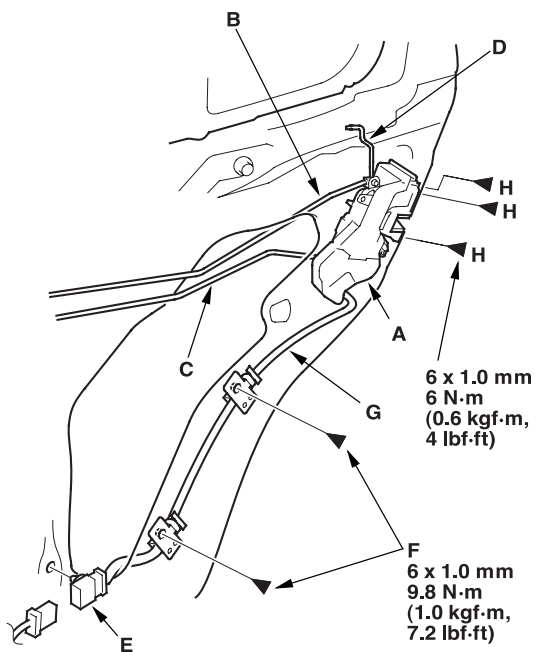
(cont'd)

## Rear Door Latch Replacement (cont'd)

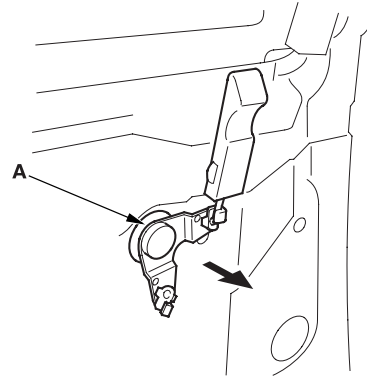
6. With Super Locking: Remove the latch (A). Take care not to bend the inner handle rod (B), lock rod (C), and outer handle rod (D).
  - 1 Disconnect the connector (E), and detach it.
  - 2 Remove the bolts (F), then release the wire harness (G) from the door.
  - 3 Remove the screws (H)
  - 4 Remove the latch from the hole in the door.

### Fastener Locations

F ► Bolt, 2    H ► Screw, 3



7. If necessary, remove the lock crank (A) from the door.



8. Install the latch in the reverse order of removal, and note these items:
  - Make sure the connector is plugged in properly, and each rod is connected securely.
  - Make sure the door locks and opens properly.



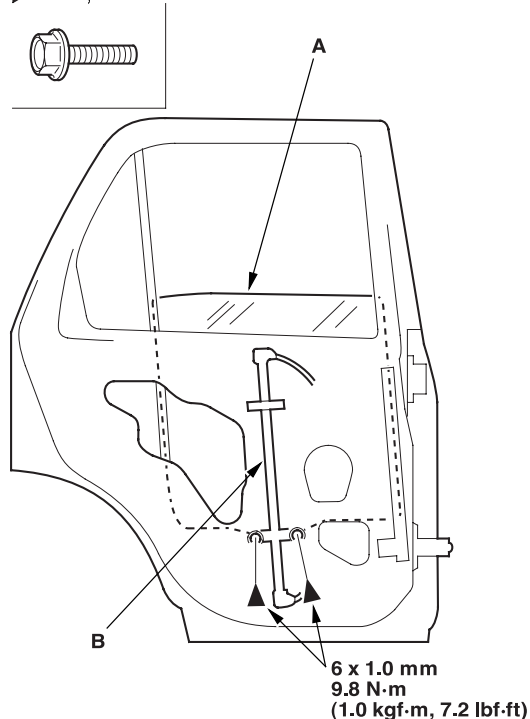
## Rear Door Glass and Regulator Replacement

NOTE: Put on gloves to protect your hands.

1. Remove these items:
  - Door panel (see page 20-21)
  - Plastic cover, as necessary (see page 20-6)
  - Rod protector (see step 3 on page 20-23)
2. Carefully move the glass (A) until you can see the bolts, then remove them. Remove the glass from the regulator (B), and carefully lower the glass. Take care not to drop the glass inside the door.

### Fastener Locations

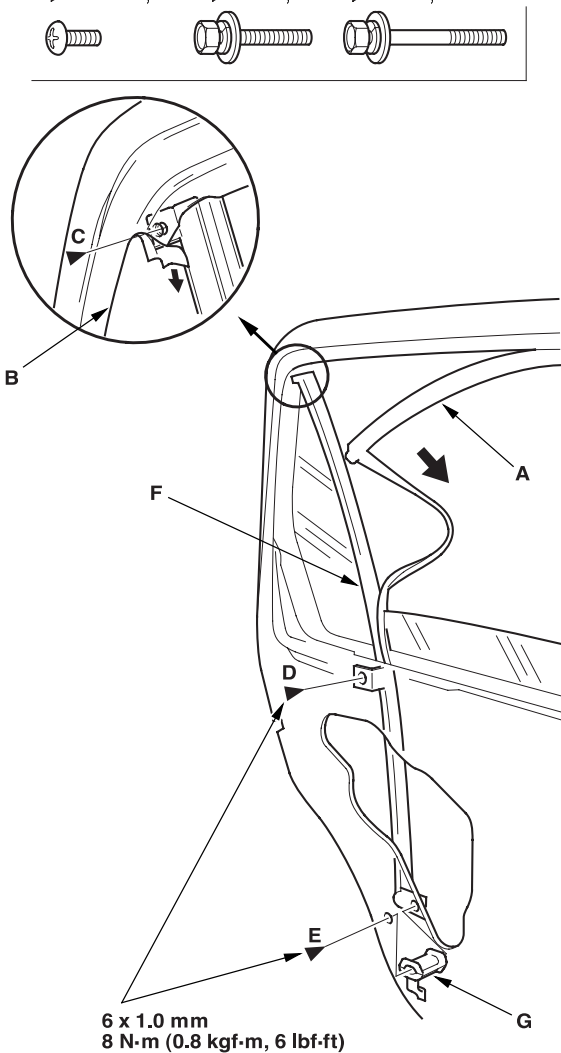
► : Bolt, 2



3. Pull the glass run channel (A) away as needed. Pull back the door quarter glass seal (B), then remove the screw (C). Remove the bolts (D, E) securing the center channel (F), then remove the collar (G).

### Fastener Locations

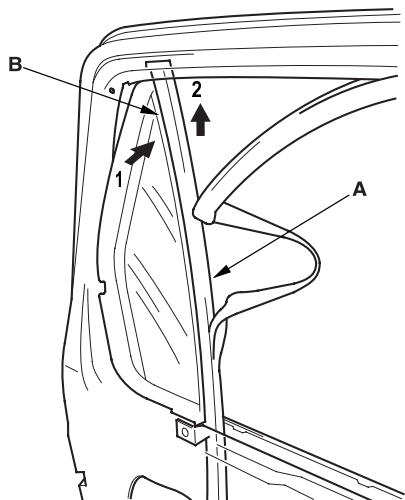
C► : Screw, 1    D► : Bolt, 1    E► : Bolt, 1



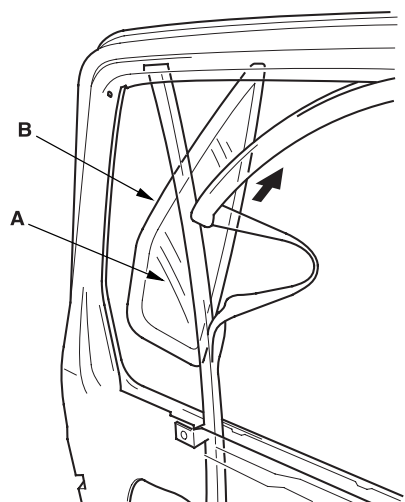
(cont'd)

**Rear Door Glass and Regulator Replacement (cont'd)**

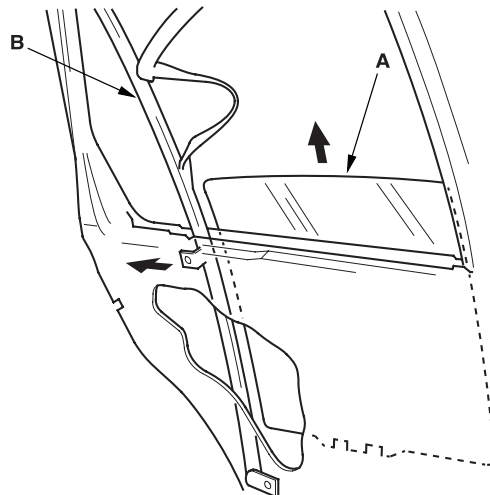
4. Pull the upper portion of the center channel (A) forward to remove it from the door quarter glass seal (B), and pull up the center channel. Take care not to scratch the door.



5. Remove the door quarter glass (A) and seal (B) as an assembly from the door.



6. Release the glass (A) from the center channel (B), and carefully remove the glass out through the window slot. Take care not to drop the glass inside the door.



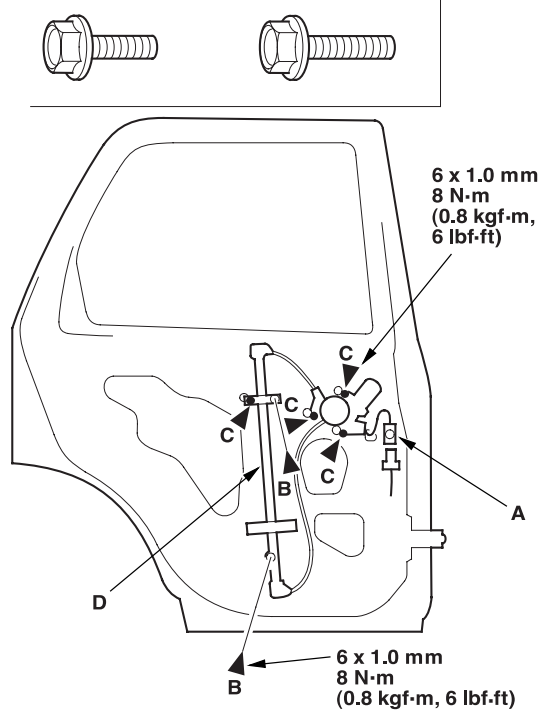


7. Disconnect and detach the connector (A) from the door.

#### Fastener Locations

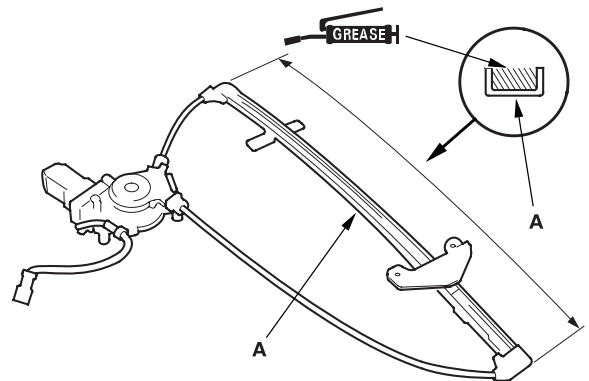
B ► : Bolt, 2

C ► : Bolt, 4



8. Remove the bolts (B), and loosen the bolts (C), then remove the regulator (D) through the hole in the door.

9. Grease all the sliding surfaces of the regulator (A) where shown.



10. Install the glass and regulator in the reverse order of removal, and note these items:

- Roll the glass up and down to see if it moves freely without binding.
- Make sure that there is no clearance between the glass and glass run channel when the glass is closed.
- Adjust the position of the glass as necessary ([see page 20-34](#)).

## Rear Door Glass Outer Weatherstrip Replacement

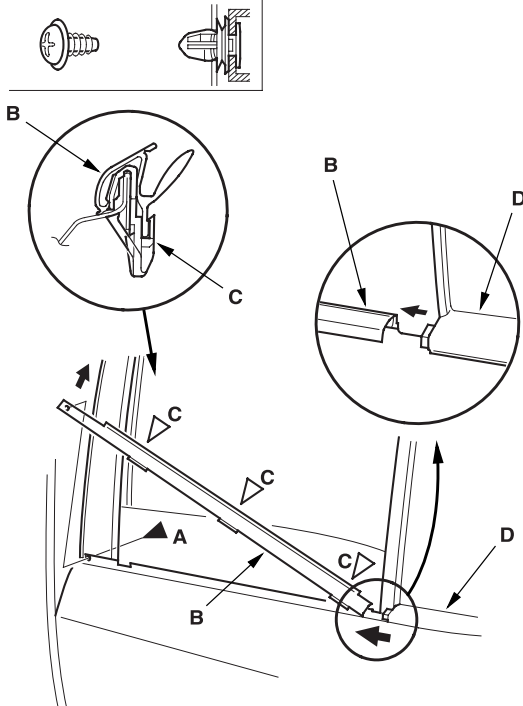
### NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the door.

1. Remove the screw (A) from the front edge of the door. Starting at the front, pry the door glass outer weatherstrip (B) up to detach the clips (C), and release the weatherstrip from the door quarter glass seal (D), then remove it.

### Fastener Locations

A ► : Screw, 1    C ► : Clip, 3



2. Install the weatherstrip in the reverse order of removal, and replace any damaged clips.

## Rear Door Weatherstrip Replacement

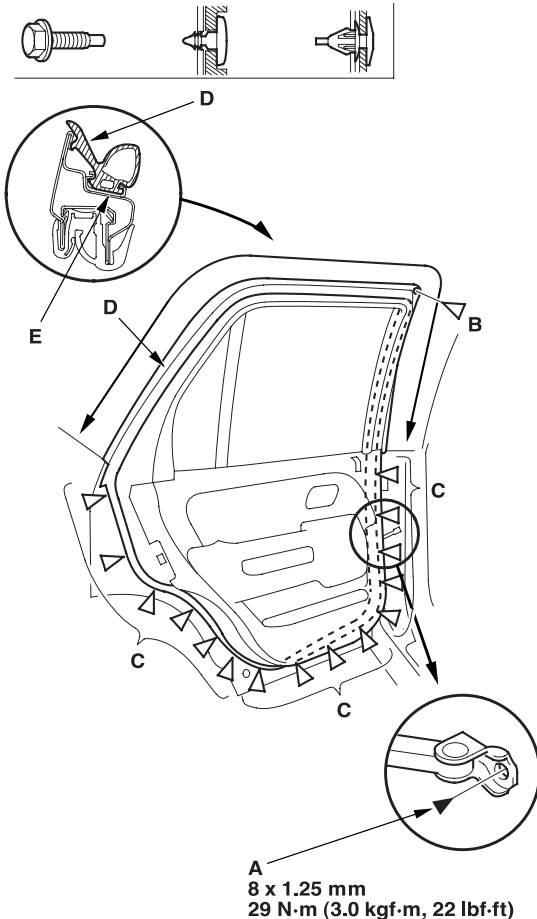
### NOTE:

- Take care not to scratch the door.
- Use a clip remover to remove the clips.

1. At the center pillar, remove the door stop mounting bolt (A).

### Fastener Locations

A ► : Bolt, 1    B ► : Clip, 1    C ► : Clip, 15



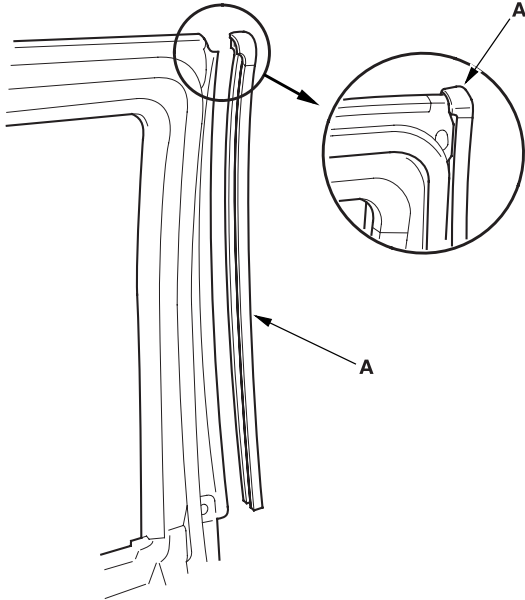
2. Detach the clip (B, C), then remove the door weatherstrip (D).
3. Install the weatherstrip in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Make sure the weatherstrip is installed in the holder (E) securely.
  - Apply liquid thread lock to the door stop mounting bolt before installation.
  - Check for water leaks (see step 7 on [page 20-35](#)).



## Rear Door Center Pillar Seal Replacement

NOTE: Take care not to scratch the door.

1. Pull the door center pillar seal (A) away, then remove it.



2. After installing the seal to the upper edge of the door flange, align the seal to the bottom edge of the door flange, then push the seal into place.

## Rear Door Channel Tape Replacement

### NOTE:

- Keep dust away from the working area.
  - When working at lower temperatures, heat the door channel and door channel tape with a hair dryer.
    - Door channel: about 15°C (59°F).
    - Door channel tape: about 30°C (86°F).
  - When heating the door channel tape, heat it evenly and gradually to prevent deformation.
  - When pressing the door channel tape, slowly press it from the corner to prevent air bubbles and wrinkles.
  - If there are air bubbles in the door channel tape, release the air with your finger or a plastic squeegee.
  - If the air bubble is more than 10 mm (0.4 in.) in diameter, peel up the door channel tape, then reapply it.
1. The following tools are required to replace the door channel tape:
    - Plastic squeegee
    - Alcohol
    - Sponge or Shop towel
    - Hair dryer
  2. Remove these items:
    - Door glass outer weatherstrip ([see page 20-30](#))
    - Glass run channel, as necessary ([see page 20-6](#))
    - Door center pillar seal ([see page 20-31](#))
  3. Slowly peel up the old door channel tape while heating it with a hair dryer.
  4. Clean the door channel bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease, and water from getting on the surface.

5. Attach the door channel tape.

- 1 Peel the edge of the adhesive backing from the channel tape.
- 2 Fit the door channel tape to the door channel.
- 3 Apply the door channel tape to the door channel while peeling the adhesive backing from it a little at a time. Check that the channel tape is parallel with the door channel.
- 4 Push firmly on the door channel tape with a plastic squeegee (felt side).

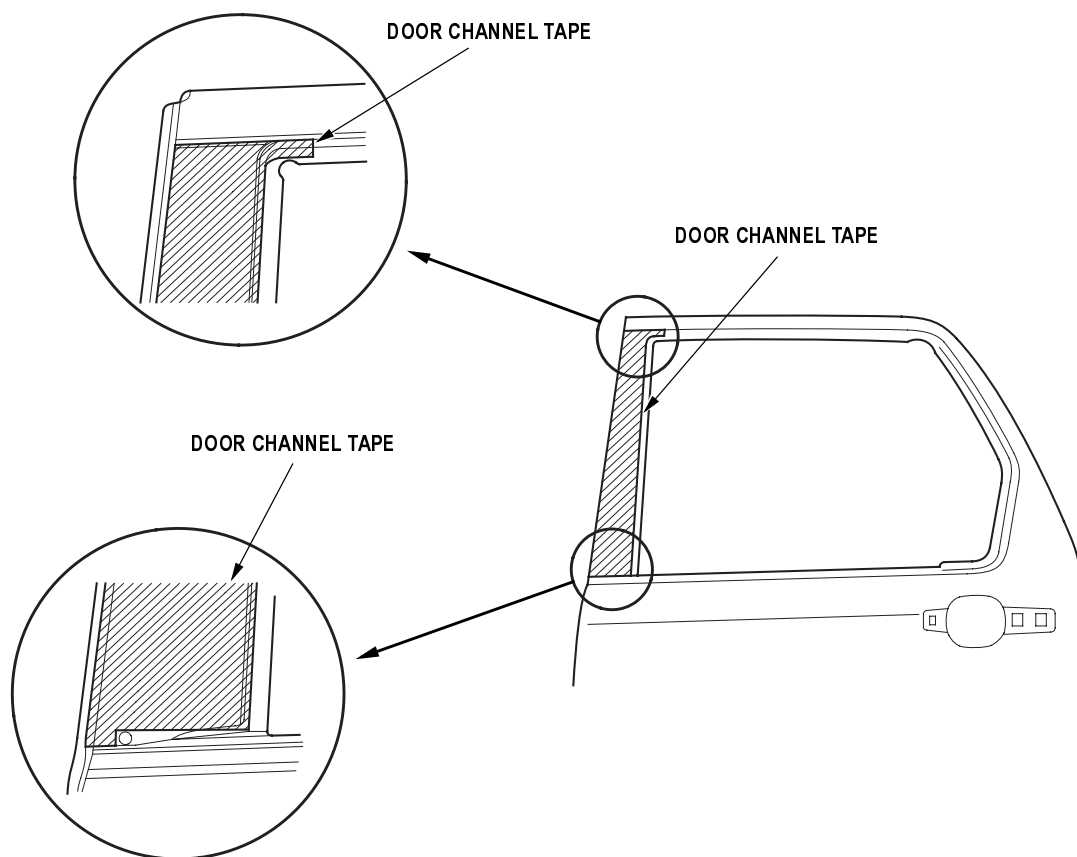
NOTE: To prevent air bubbles, slowly press the door channel tape around the door frame corner.

6. As necessary, repeat the preceding steps.
7. Reinstall all remaining removed parts.
8. Check that the body color on the door channel is covered by the door channel tape.
9. Check for water leaks (see step 7 on [page 20-35](#)).

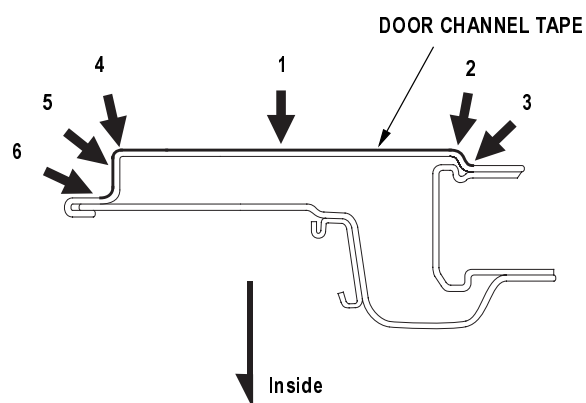




## Attachment Point (Reference):



Note: Press in numbered sequence.

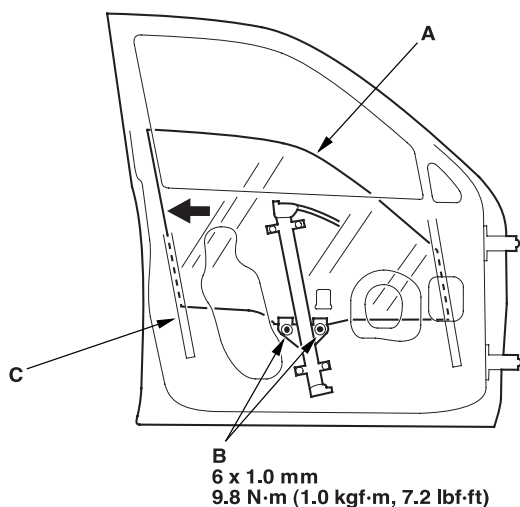


## Front and Rear Door Glass Adjustment

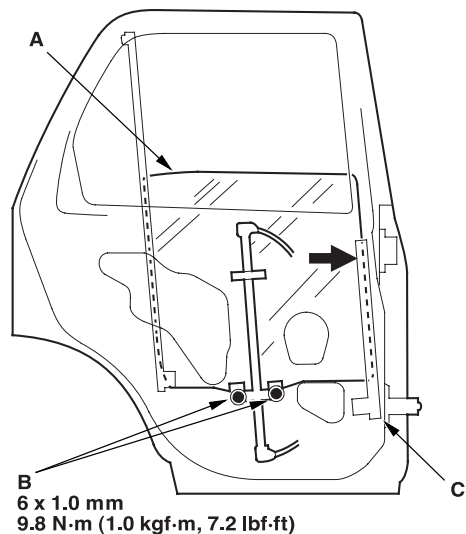
NOTE: Check the weatherstrips and glass run channel for damage or deterioration, and replace them if necessary.

1. Place the vehicle on a firm, level surface.
2. Remove these items:
  - Door panel, front door (see page 20-9), rear door (see page 20-21)
  - Plastic cover, front door (see page 20-2), rear door (see page 20-6)
3. Carefully move the glass (A) until you can see the glass mounting bolts (B), then loosen them.

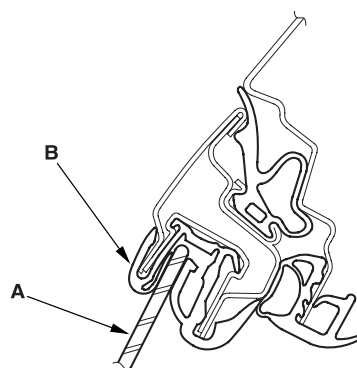
Front door:



Rear door:



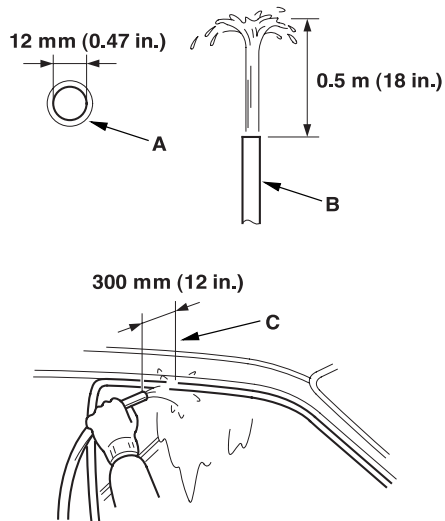
4. Push the glass (A) against the channel (C), then tighten the glass mounting bolts.
5. Check that the glass moves smoothly.
6. Raise the glass fully, and check for gaps. Also check that the glass (A) contacts the glass run channel (B) evenly.





7. Check for water leaks. Run water over the roof and on the sealing area as shown, and note these items:

- Use a 12 mm (0.47 in.) diameter hose (A).
- Adjust the rate of water flow as shown (B).
- Do not use a nozzle.
- Hold the hose about 300 mm (12 in.) away from the door (C).



8. Attach the plastic cover, and install the door panel, front door ([see page 20-9](#)), rear door ([see page 20-21](#)).



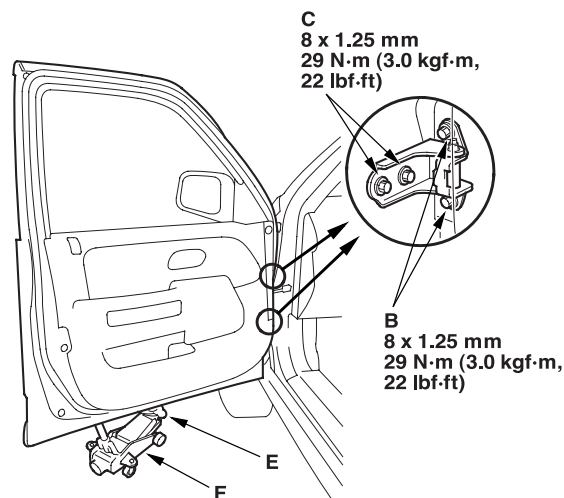
## Front and Rear Door Position Adjustment

SRS components are located in the center pillar bottom area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

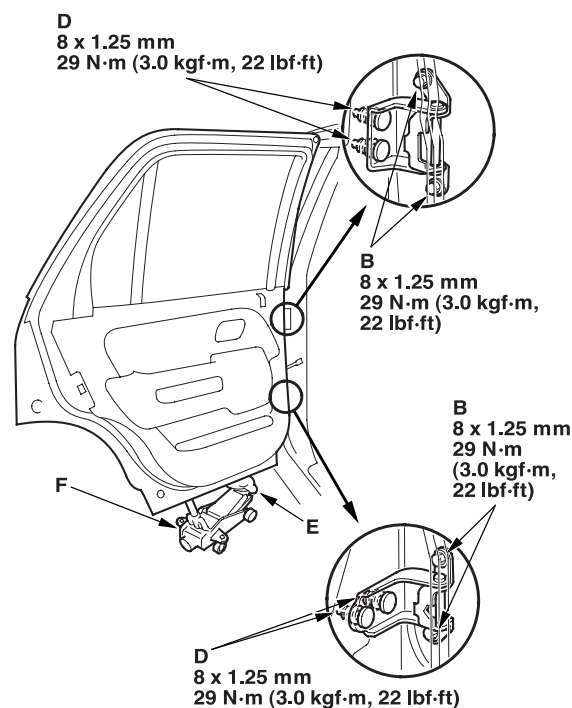
NOTE: Check for a flush fit with the body, then check for equal gaps between the front, rear, and bottom door edges and the body. Check that the door and body edges are parallel. Before adjusting, replace the mounting bolts.

1. Place the vehicle on a firm, level surface when adjusting the doors.
2. Adjust at the hinges (A):
  - Loosen the door mounting bolts (B) slightly, and move the door in or out until it's flush with the body.
  - On the front door: Remove the front inner fender ([see page 20-155](#)) and front fender fairing ([see page 20-156](#)). Loosen the hinge mounting bolts (C) slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.
  - On the rear door: Remove the center pillar lower trim panel ([see page 20-76](#)), and remove the front seat belt and retractor ([see page 23-4](#)), and the plug seal from the body. Loosen the hinge mounting nuts (D) slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.
  - Place a shop towel (E) on the jack (F) to prevent damage to the door when adjusting the door.

### Front door:

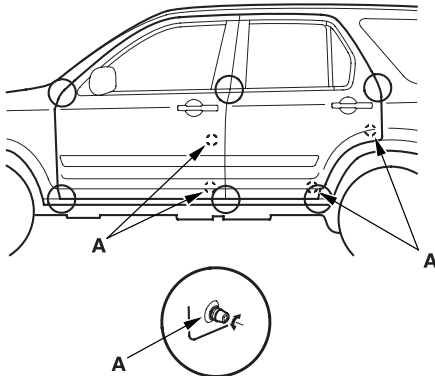


### Rear door:





3. Check that the door and body edges are parallel. If necessary, adjust the door cushions (A) to make the rear of the doors flush with the body.

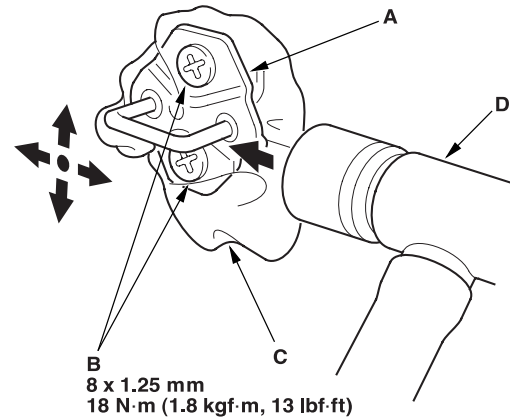


4. Apply body paint to the hinge mounting bolts, and around the hinges.
5. Check for water leaks (see step 7 on [page 20-35](#)).

## Front and Rear Door Striker Adjustment

Make sure the door latches securely without slamming it. If necessary, adjust the striker (A): The striker nuts are fixed, but the striker can be adjusted slightly up or down, and in or out.

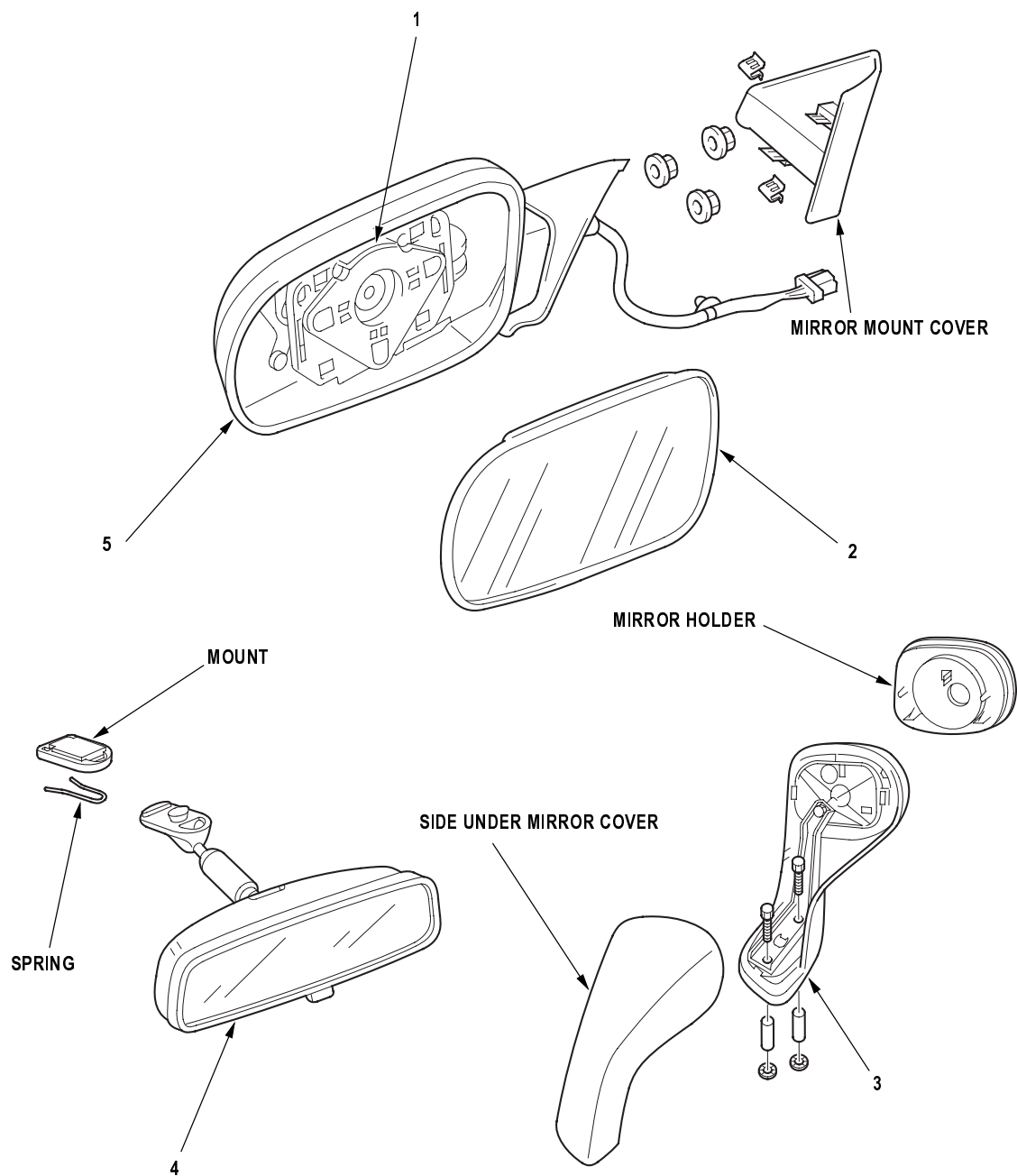
1. Loosen the screws (B), then insert a shop towel (C) between the body and striker.



2. Lightly tighten the screws.
3. Wrap the striker with a shop towel, then adjust the striker by tapping it with a plastic hammer (D). Do not tap the striker too hard.
4. Loosen the screws, and remove the shop towel.
5. Lightly tighten the screws.
6. Hold the outer handle out, and push the door against the body to be sure the striker allows a flush fit. If the door latches properly, tighten the screws and recheck.

Mirrors

Component Location Index



- |   |                       |   |
|---|-----------------------|---|
| 1 | POWER MIRROR ACTUATOR | Replacement, <a href="#">Page 22A-137</a> |
| 2 | MIRROR HOLDER         | Replacement, <a href="#">page 20-40</a>   |
| 3 | SIDE UNDER MIRROR     | Replacement, <a href="#">page 20-40</a>   |
| 4 | REARVIEW MIRROR       | Replacement, <a href="#">page 20-41</a>   |
| 5 | POWER MIRROR          | Replacement, <a href="#">page 20-39</a>   |

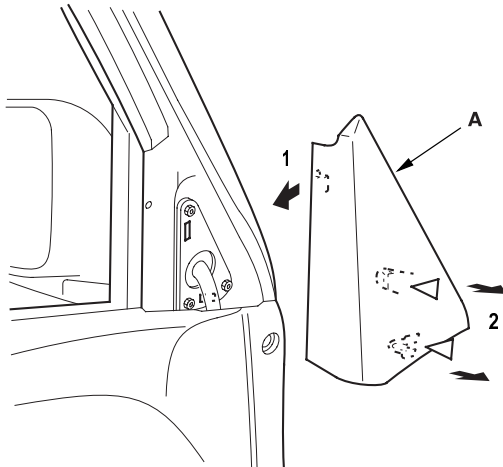
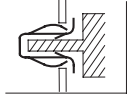


## Power Mirror Replacement

1. Lower the door glass fully.
2. Carefully pry out the mirror mount cover (A) by hand in the sequence shown.

Fastener Location

▷ : Screw, 1

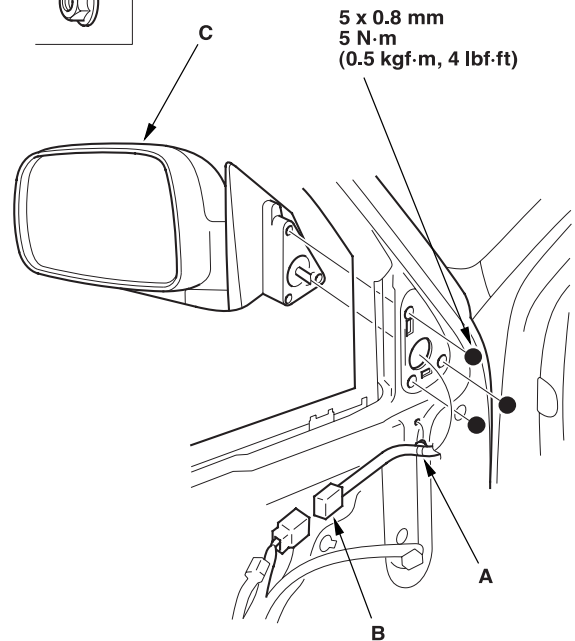


3. Remove the door panel ([see page 20-9](#)).

4. Remove the plastic cover as necessary, then detach the harness clip (A), and disconnect the connector (B). While holding the mirror (C), remove the nuts, then remove the mirror. Take care not to scratch the door.

Fastener Location

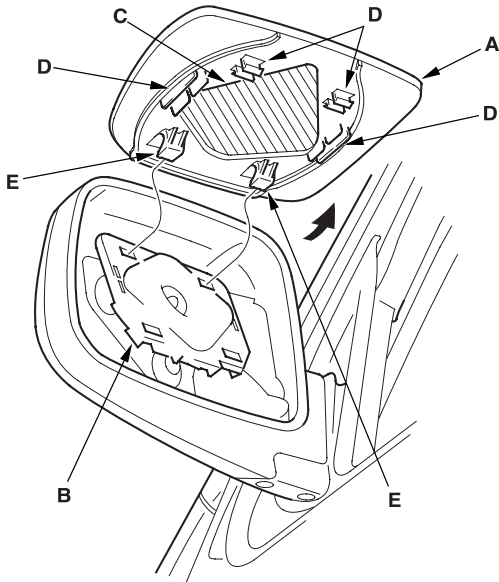
● : Nut, 3



5. Install the mirror in the reverse order of removal, and make sure the connector is plugged in properly.

## Mirror Holder Replacement

1. Carefully pull out the bottom edge of the mirror holder (A) by hand. Take care not to scratch the mirror.



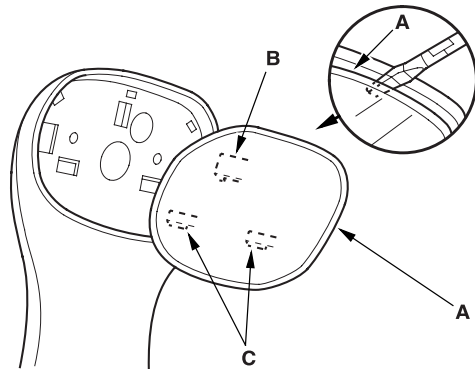
2. Separate the mirror holder from the actuator (B) by slowly pulling them apart while removing the adhesive (C), detaching the clips (D), and releasing the hooks (E). If equipped, disconnect the mirror defogger connectors from the heater pad terminals.
3. If equipped, reconnect the mirror defogger connectors.
4. Reattach the hooks of the mirror holder to the actuator, then position the mirror holder on the actuator. Carefully push on the clip portions of the mirror holder until the mirror holder locks into place.
5. Check the operation of the actuator.

## Side Under Mirror Replacement

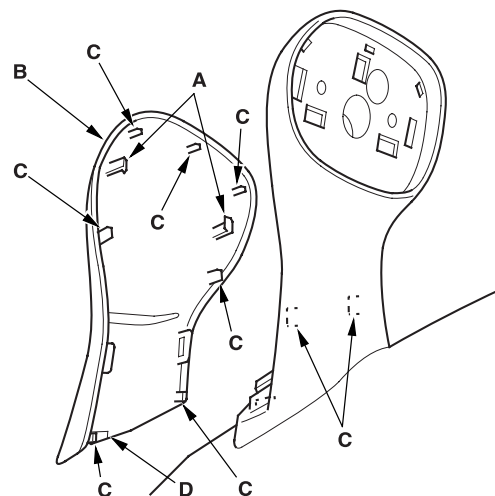
### For Some Models

NOTE: When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.

1. Using a flat-tip screwdriver, carefully pull out the upper edge of the mirror holder (A) to release the hook (B), and carefully pull out the mirror holder to release the hooks (C) by hand, then remove the mirror holder. Take care not to scratch the mirror.



2. From the mirror holder mounting, release the hooks (A) of the side under mirror cover (B), and release the tabs (C) and hook (D), then remove the side under mirror cover.



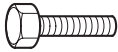
3. Remove the bolts, then remove the side under mirror base (A). Take care not to scratch the front fender.



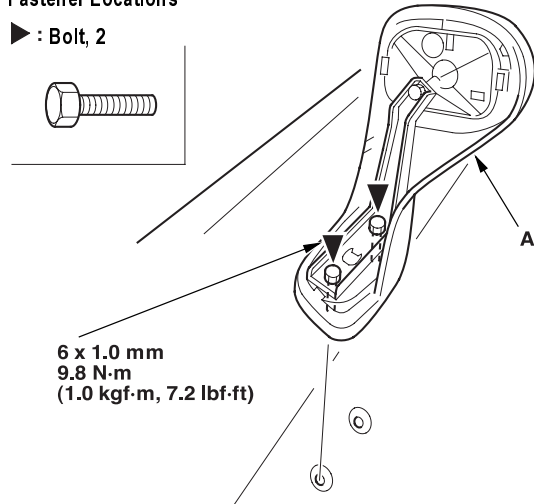


## Fastener Locations

► : Bolt, 2



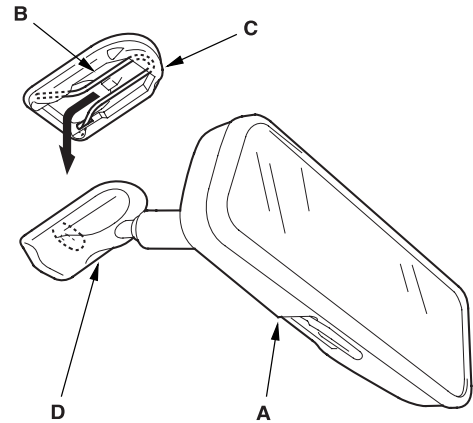
6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)



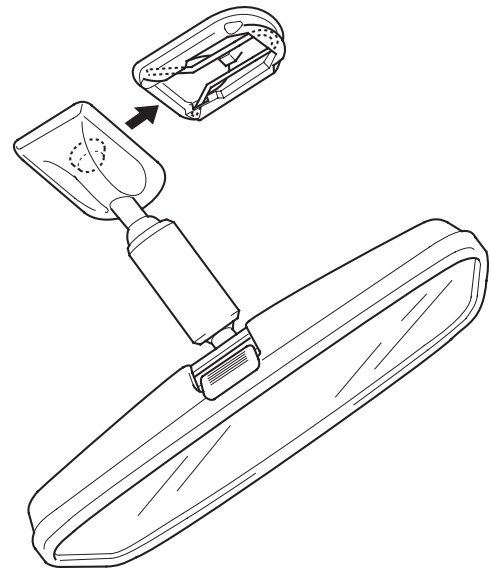
4. Install the mirror in the reverse order of removal.

## Rearview Mirror Replacement

1. Slide the rearview mirror (A) down toward the bottom of the windshield, then detach it from the spring (B) in the mount (C), and remove the rearview mirror. Take care not to scratch the mirror base (D).



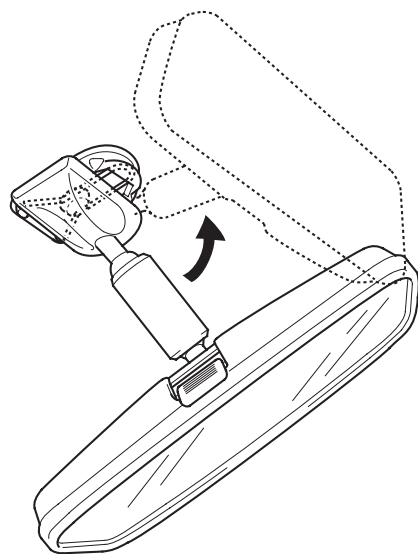
2. If necessary, remove the spring from the mount.
3. Fit the mirror base over the mount.



(cont'd)

Rearview Mirror Replacement (cont'd)

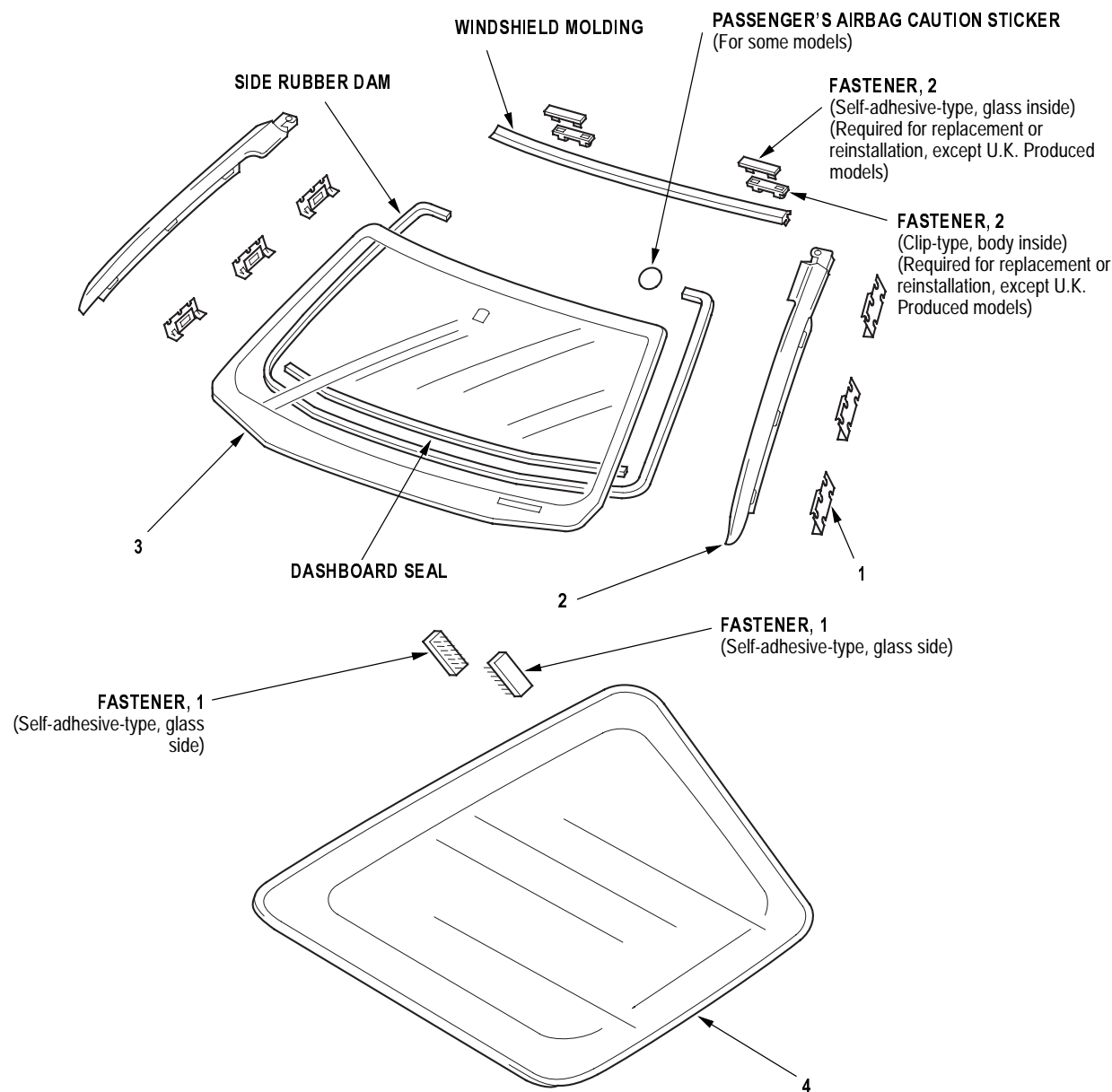
- 4. Secure the mirror by turning the base 90°.





# Glass

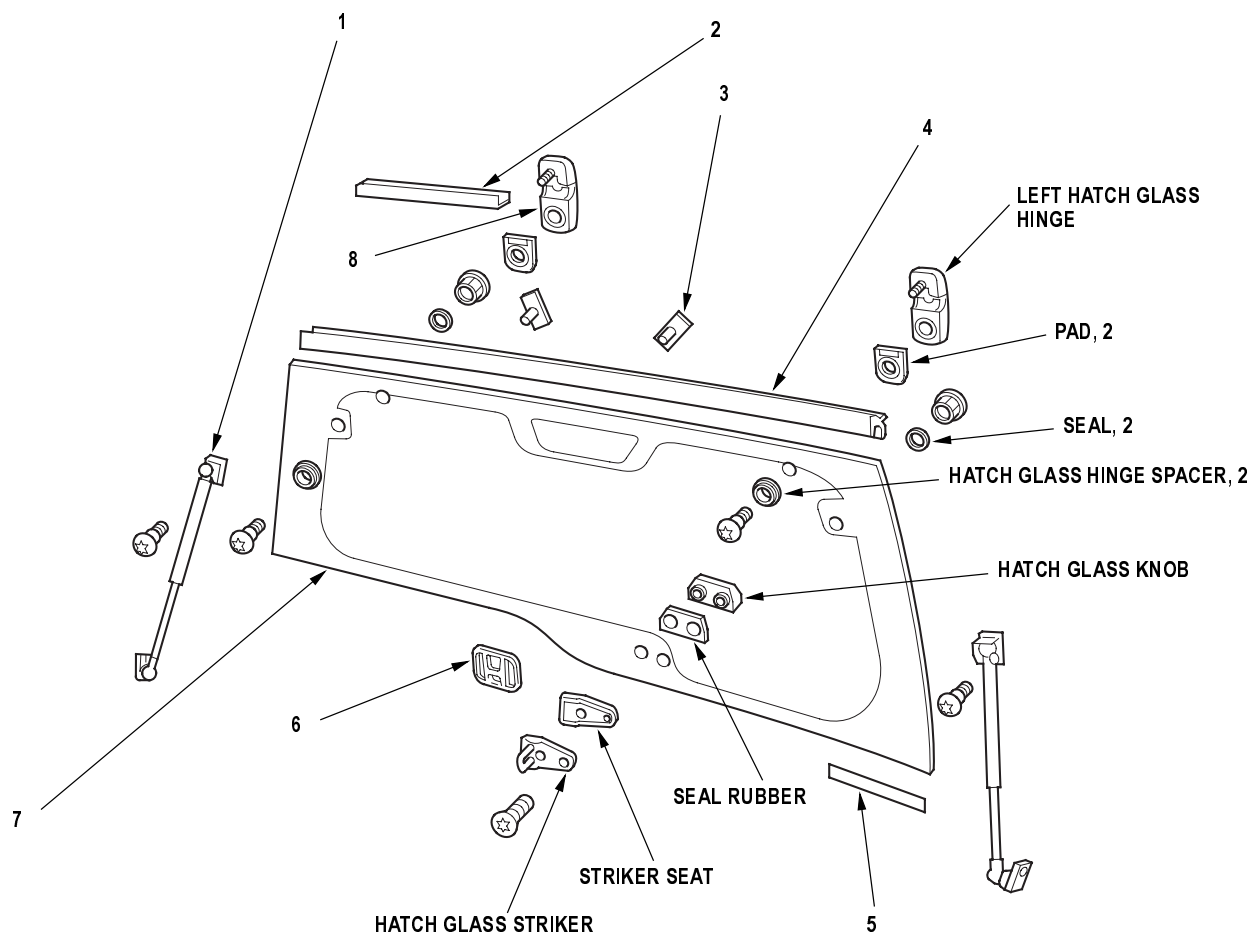
## Component Location Index



- |   |                      |  |
|---|----------------------|--|
| 1 | RETAINER, 6          | Installation, <a href="#">page 20-50</a> |
| 2 | WINDSHIELD SIDE TRIM | Replacement, <a href="#">page 20-142</a> |
| 3 | WINDSHIELD           | Replacement, <a href="#">page 20-45</a>  |
| 4 | QUARTER GLASS        | Replacement, <a href="#">page 20-50</a>  |

(cont'd)

Component Location Index (cont'd)



- |   |  |  |
|---|--|--|
| 1 | HATCH GLASS SUPPORT STRUT, 2           | Replacement, <a href="#">page 20-55</a>  |
| 2 | WIRE HARNESS TRIM                      | Replacement, <a href="#">page 20-61</a>  |
| 3 | HIGH MOUNT BRAKE LIGHT BRACKET, 2      | Replacement, <a href="#">page 20-61</a>  |
| 4 | REAR WINDOW MOLDING                    | Replacement, <a href="#">page 20-59</a>  |
| 5 | REALTIME 4WD STICKER (For some models) | Replacement, <a href="#">page 20-153</a>   |
| 6 | REAR "H" EMBLEM                        | Replacement, <a href="#">page 20-153</a>   |
| 7 | HATCH GLASS                            | Replacement, <a href="#">page 20-55</a> ; Disassembly/Reassembly, <a href="#">page 20-57</a> ; Adjustment, <a href="#">page 20-58</a> ; Hatch Glass Weatherstrip Replacement, <a href="#">page 20-62</a> |
| 8 | RIGHT HATCH GLASS HINGE                |  |



## Windshield Replacement

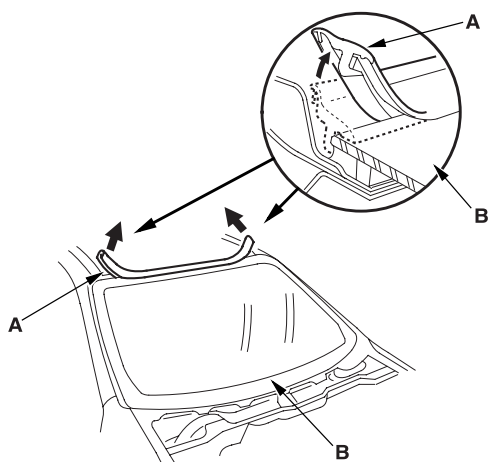
### NOTE:

- Put on gloves to protect your hands.
- Wear eye protection when removing the glass with piano wire.
- Use seat covers to avoid damaging the seat.
- Use glass adhesive set P/N 08C73-X0230N.

#### 1. Remove these items:

- Windshield side trim (see page 20-142)
- Windshield wiper arms (see page 22A-223)
- Cowl covers (see page 20-140)

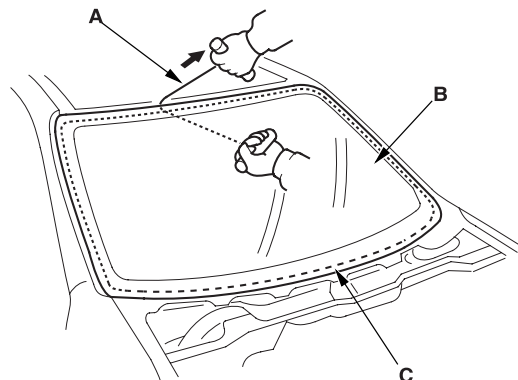
#### 2. Remove the molding (A) from the upper edge of the windshield (B). If necessary, cut the molding with a utility knife.



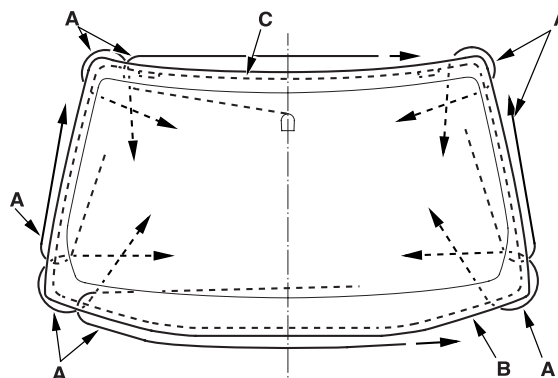
3. If the old windshield is to be reinstalled, make alignment marks across the glass and body with a grease pencil.
4. Pull down the front portion of the headliner (see page 20-81). Take care not to bend the headliner excessively, or you may crease or break it.
5. Apply protective tape along the edge of the dashboard and body. Using an awl, make a hole through the rubber dam and adhesive from inside the vehicle at the corner portion of the windshield. Push a piece of piano wire through the hole, and wrap each end around a piece of wood.

#### 6. With a helper on the outside, pull the piano wire (A) back and forth in a sawing motion. Hold the piano wire as close to the windshield (B) as possible to prevent damage to the body and dashboard.

Carefully cut through the rubber dam and adhesive (C) around the entire windshield.



#### Cutting portions:



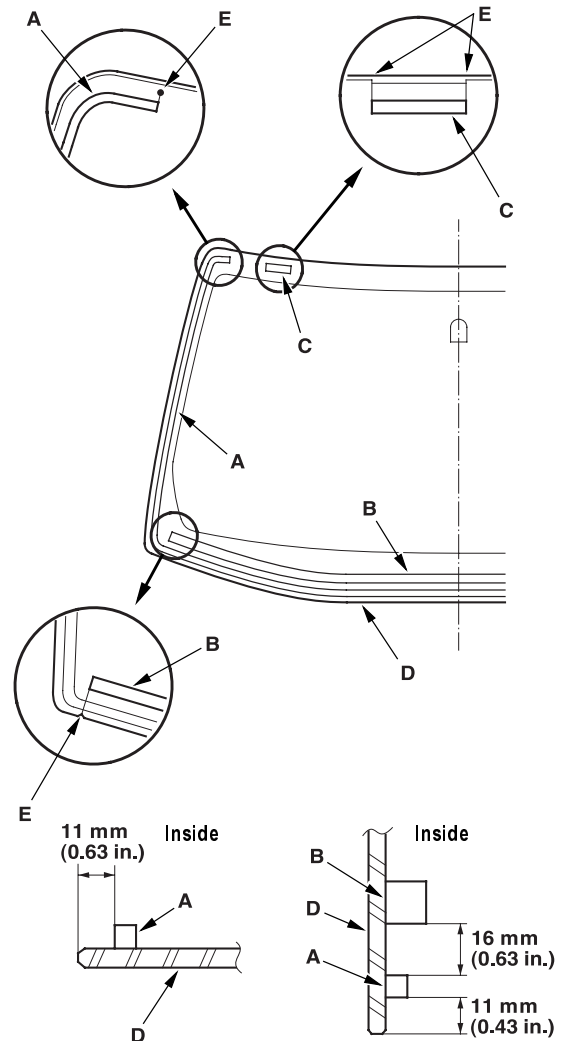
#### 7. Carefully remove the windshield.

(cont'd)

## Windshield Replacement (cont'd)

8. With a knife, scrape the old adhesive smooth to a thickness of about 2 mm (0.08 in.) on the bonding surface around the entire windshield opening flange:
  - Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
  - Remove the rubber dam and fasteners from the body.
9. Clean the body bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.
10. If the old windshield is to be reinstalled, use a putty knife to scrape off all of the old adhesive, the fasteners, and the rubber dam from the windshield. Clean the inside face and the edge of the windshield with alcohol where new adhesive is to be applied. Make sure the bonding surface is kept free of water, oil, and grease.

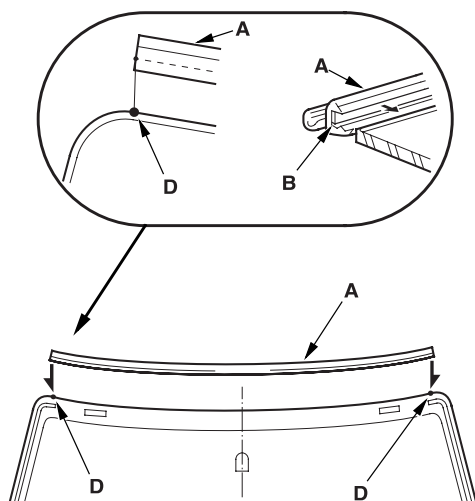
11. Glue the rubber dam (A), dashboard seal (B), and fasteners (C) to the inside face of the windshield (D) as shown:





**12.** Glue the molding (A) with adhesive tape (B) of the windshield (C):

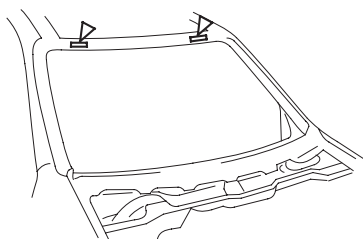
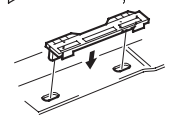
- Be sure the molding lines up with the alignment marks (D).
- Be careful not to touch the windshield where adhesive will be applied.



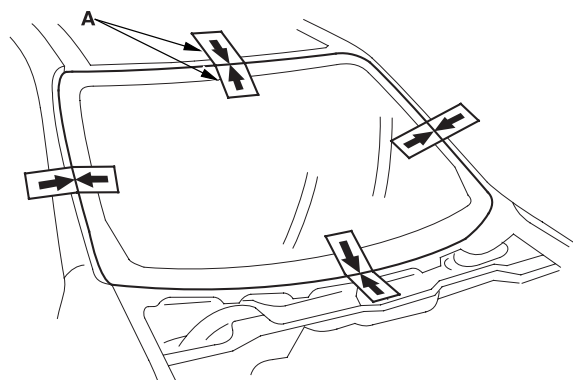
**13.** Install the fasteners to the body.

**Fastener Locations**

▷: Fastener, 2



**14.** Set the windshield in the opening, and center it. Make alignment marks (A) across the windshield and body with a grease pencil at the four points shown. Be careful not to touch the windshield where adhesive will be applied.



**15.** Remove the windshield.

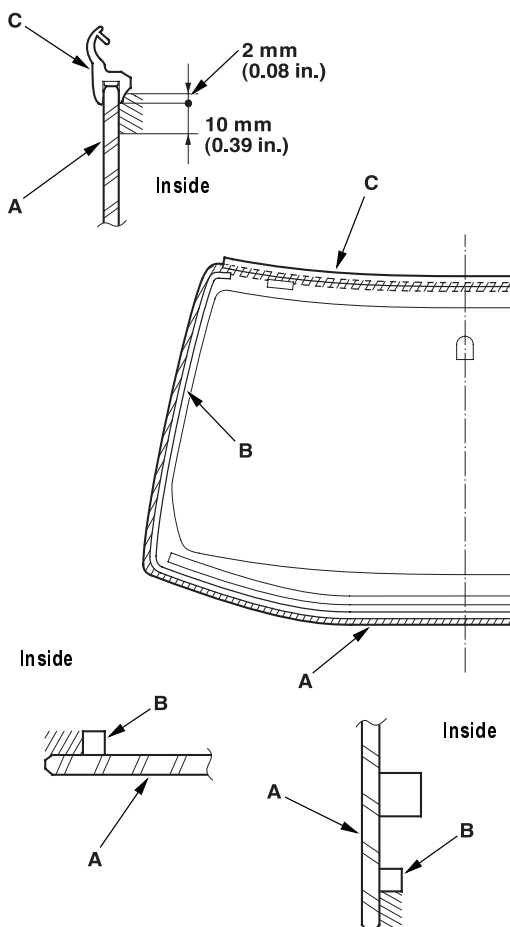
(cont'd)

## Windshield Replacement (cont'd)

16. With a sponge, apply a light coat of glass primer around the edge of the windshield (A) between the rubber dam (B) and molding (C) as shown, then lightly wipe it off with gauze or cheesecloth:

- Apply glass primer to the molding.
- Do not apply body primer to the windshield, and do not get body and glass primer sponges mixed up.
- Never touch the primed surfaces with your hands. If you do, the adhesive may not bond to the windshield properly, causing a leak after the windshield is installed.
- Keep water, dust, and abrasive materials away from the primed surface.

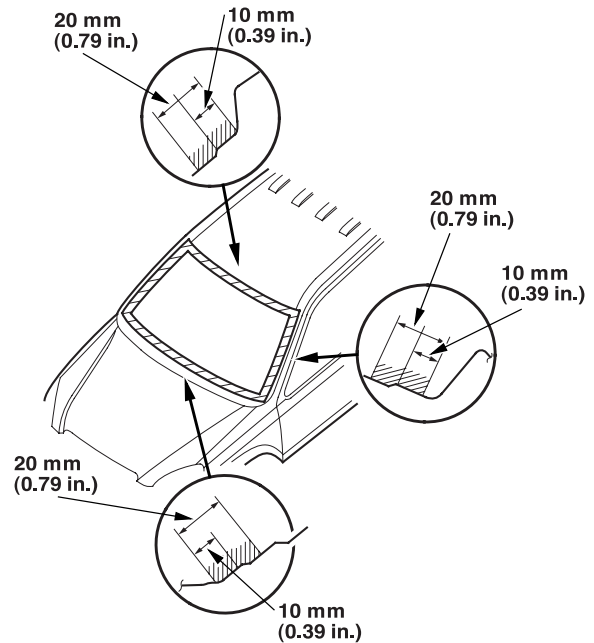
//// : Apply glass primer here



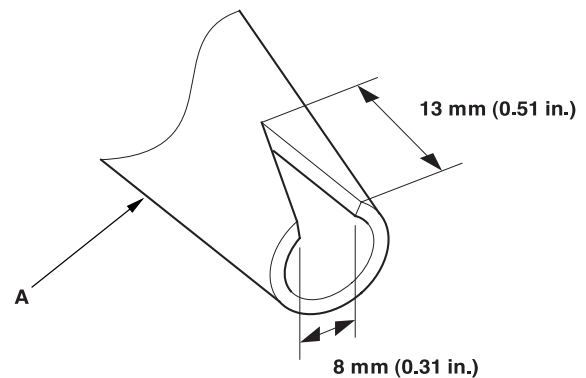
17. With a sponge, apply a light coat of body primer to the original adhesive remaining around the windshield opening flange. Let the body primer dry for at least 10 minutes:

- Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
- Never touch the primed surfaces with your hands.
- Mask off the dashboard before painting the flange.

//// : Apply body primer here



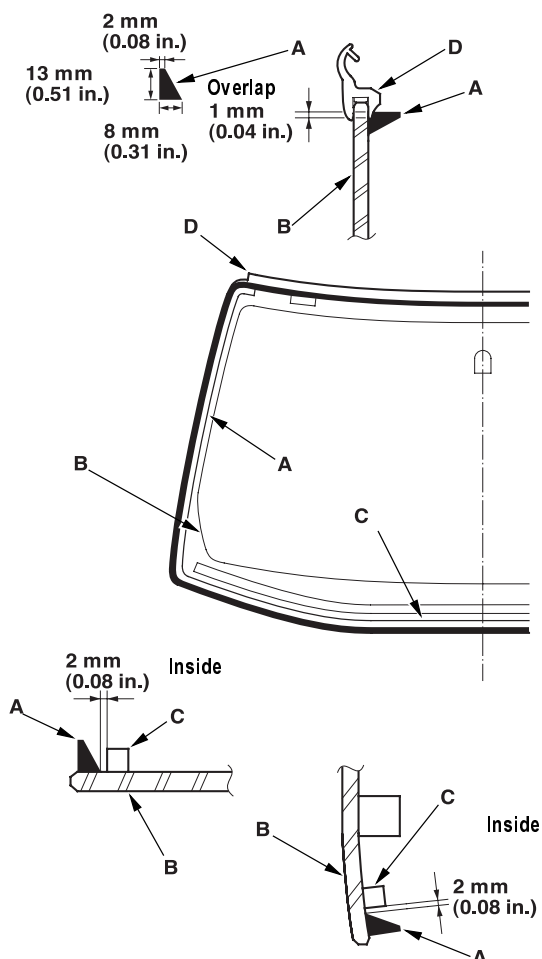
18. Before filling a cartridge, cut a "V" in the end of the nozzle (A) as shown.







19. Pack adhesive into the cartridge without air pockets to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of adhesive (A) around the edge of the windshield (B) between the rubber dam (C) and molding (D) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.

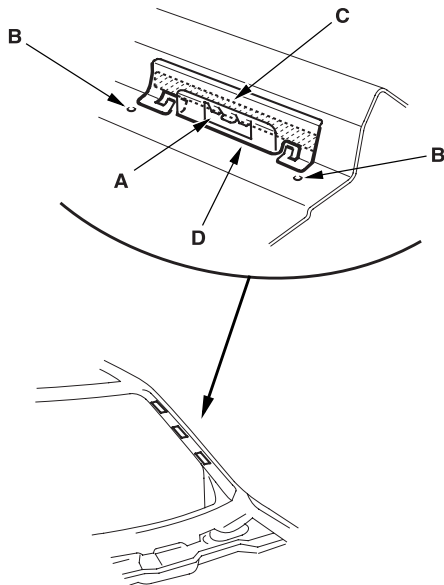


20. Use suction cups to hold the windshield over the opening, align it with the alignment marks made in step 14, and set it down on the adhesive. Lightly push on the windshield until its edges are fully seated on the adhesive all the way around. Do not open or close the doors until the adhesive is dry.
21. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the windshield, wipe with a soft shop towel dampened with alcohol.
22. Let the adhesive dry for at least 1 hour, then spray water over the windshield and check for leaks. Mark leaking areas, and let the windshield dry, then seal with sealant:
- Let the vehicle stand for at least 4 hours after windshield installation. If the vehicle has to be used within the first 4 hours, it must be driven slowly.
  - Keep the windshield dry for the first hour after installation.
23. Reinstall all remaining removed parts. Advise the customer not to do the following things for 2 to 3 days:
- Slam the doors with all the windows rolled up.
  - Twist the body excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads).

## Windshield Side Trim Retainer Installation

NOTE: Take care not to scratch the body.

1. Clean the body surface with alcohol where new retainers are to be applied.
2. Peel the adhesive backing away from the retainer.
3. Line up the retainers (A) with the alignment marks (B) on the body, and glue the retainers with adhesive tape (C).



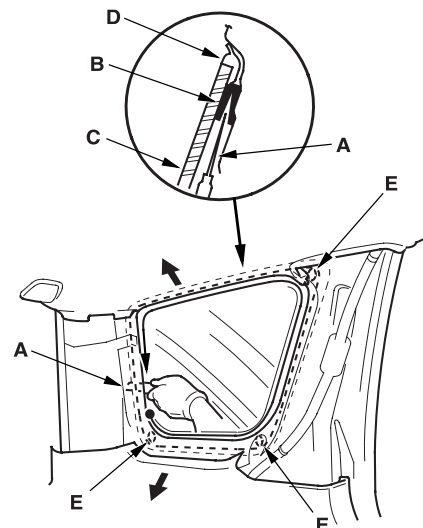
4. Apply two-part epoxy adhesive (D) around the edge of the retainers as shown.

## Quarter Glass Replacement

NOTE:

- Put on gloves to protect your hands.
- Use seat covers to avoid damaging any surface.
- Use glass adhesive set P/N 08C73-X0230N.

1. Remove these items ([see page 20-78](#)):
  - Quarter pillar trim
  - Rear pillar trim
2. From inside the vehicle, use a utility knife (A) to cut through the adhesive (B) all the way around:
  - If the quarter glass (C) is to be reinstalled, take care not to damage the molding (D).
  - If the molding is damaged, replace the quarter glass, molding and clips (E) as an assembly.
  - If any of the clips are broken, the quarter glass can be reinstalled using butyl tape (refer to step 7).
  - Apply protective tape along the edge of the entire quarter glass opening flange.

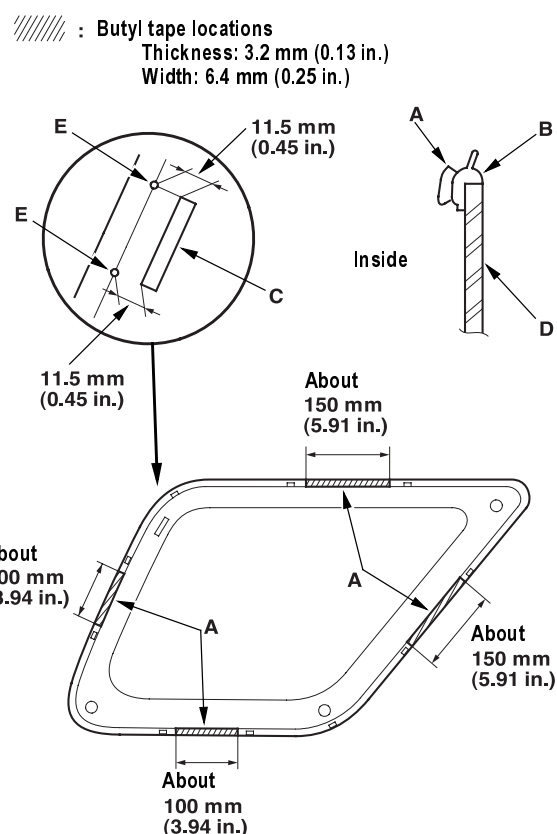


3. Carefully remove the quarter glass, and check the molding for damage, and replace the quarter glass if necessary.



4. With a putty knife, scrape the old adhesive smooth to a thickness of about 2 mm (0.08 in.) on the bonding surface around the entire quarter glass opening flange:
  - Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
  - Remove the clips and fastener from the body.
5. Clean the body bonding surface with a sponge damaged in alcohol. After cleaning, keep oil, grease, and water from getting on the surface.
6. If the old quarter glass is to be reinstalled, use a putty knife to scrape off all of the old adhesive, any broken clips, and the fastener from the glass. Clean the inside face and the edge of the glass with alcohol where new adhesive is to be applied. Make sure the bonding surface is kept free of water, oil, and grease.

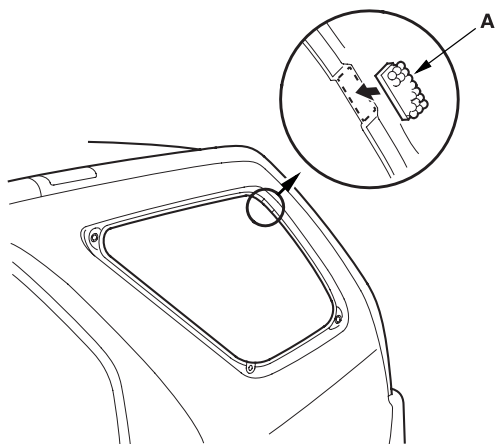
7. If the old quarter glass is to be reinstalled (and either clip is broken off the molding), apply a light coat of primer (C-100, or equivalent), then apply butyl tape (A) to the molding (B) as shown. Glue the fastener (C) to the inside face of the quarter glass (D):
  - Be sure the fastener lines up with the alignment marks (E).
  - Be careful not to touch the quarter glass where adhesive will be applied.
  - Do not peel the separator off the butyl tape.



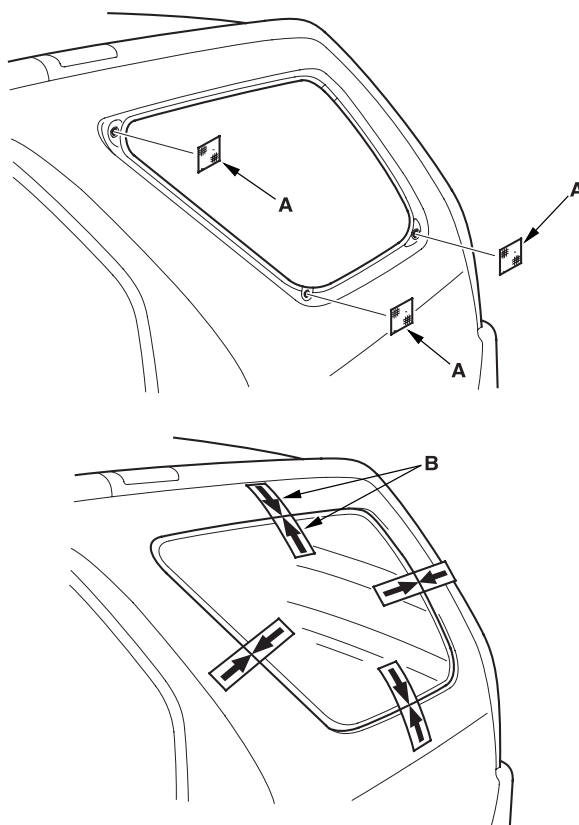
(cont'd)

**Quarter Glass Replacement (cont'd)**

8. If the new quarter glass is to be installed, glue the fastener (A) to the body. Be sure the fastener lines up with the body contour.



9. If the old quarter glass is to be reinstalled (and either clip is broken off the molding), seal the body holes with pieces of urethane tape (A). Then set the quarter glass upright in the opening, and make alignment marks (B) across the quarter glass and body with a grease pencil at the three points shown. Be careful not to touch the quarter glass where adhesive will be applied.



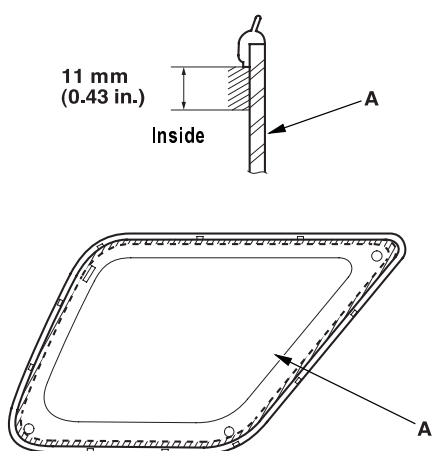
10. Remove the quarter glass.



11. With a sponge, apply a light coat of glass primer to the inside face of the quarter glass (A) as shown, then lightly wipe it off with gauze or cheesecloth:

- Do not apply body primer to the quarter glass, and do not get the body and glass primer sponges mixed up.
- Never touch the primed surfaces with your hands. If you do the adhesive may not bond to the quarter glass properly, causing a leak after the quarter glass is installed.
- Keep water, dust, and abrasive materials away from the primed surface.

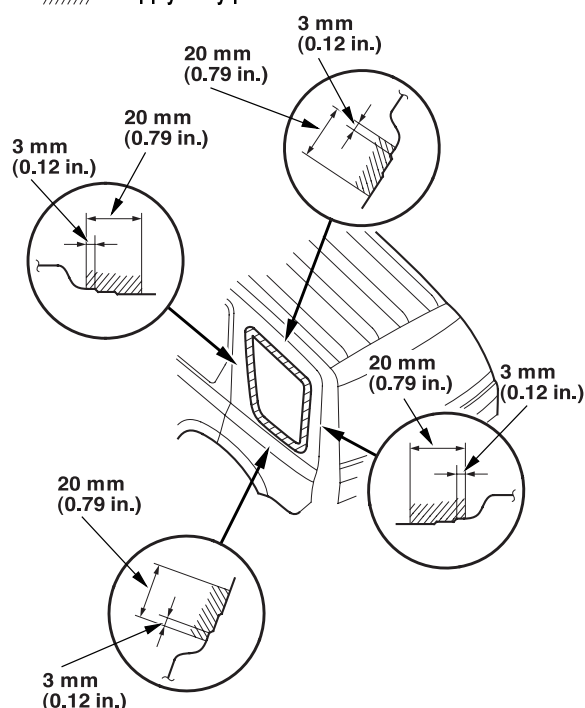
//// : Apply glass primer here.



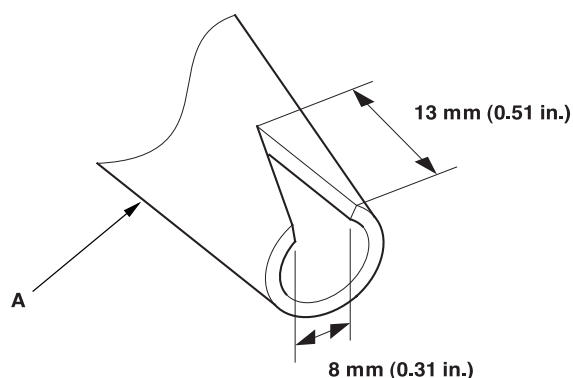
12. With a sponge, apply a light coat of body primer to the original adhesive remaining around the quarter glass opening flange. Let the body primer dry for at least 10 minutes:

- Do not apply glass primer to the body, and be careful not to mix up the glass and body primer sponges.
- Never touch the primed surfaces with your hands.
- Mask off the interior trim before painting the flange.

//// : Apply body primer here.



13. Before filling a cartridge, cut a "V" in the end of the nozzle (A) as shown.

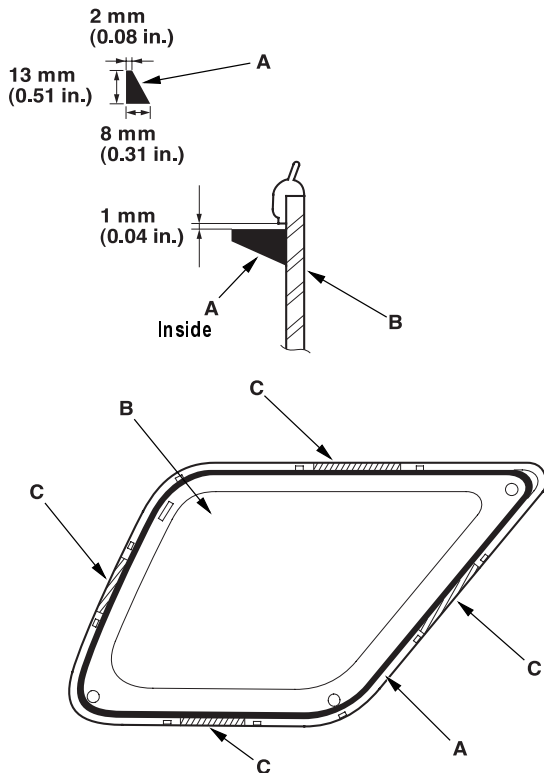


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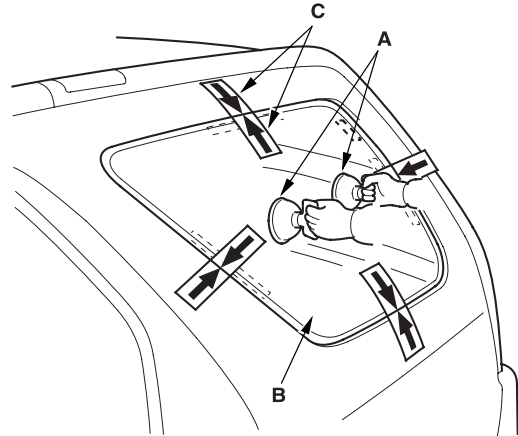
### Quarter Glass Replacement (cont'd)

**14.** Park adhesive into the cartridge without air pockets to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of adhesive (A) around the edge of the quarter glass (B) as shown:

- After applying the adhesive, peel the separator off the butyl tape (C).
- Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.



**15.** Use suction cups (A) to hold the quarter glass (B) over the opening, align the clips or the alignment marks (C) made in step 9, and set it down on the adhesive. Lightly push on the quarter glass until its edges are fully seated on the adhesive all the way around. Do not open or close the doors until the adhesive is dry.



**16.** Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the quarter glass, wipe with a soft shop towel dampened with alcohol.

**17.** Let the adhesive dry for at least 1 hour, then spray water over the quarter glass and check for leaks. Mark the leaking areas and let the quarter glass dry, then seal with sealant. Let the vehicle stand for at least 4 hours after quarter glass installation. If the vehicle has to be used within the first 4 hours, it must be driven slowly.

**18.** Reinstall all remaining removed parts. Advise the customer not to do the following things for 2 to 3 days:

- Slam the doors with all the windows rolled up.
- Twist the body excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads).

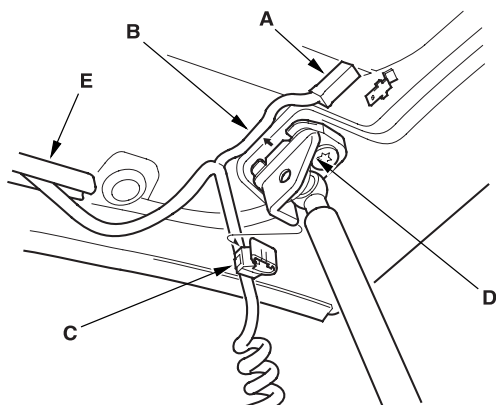


## Hatch Glass/Hatch Glass Support Strut Replacement

### NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the tailgate.
- Do not damage the rear window defogger grid lines and terminals.

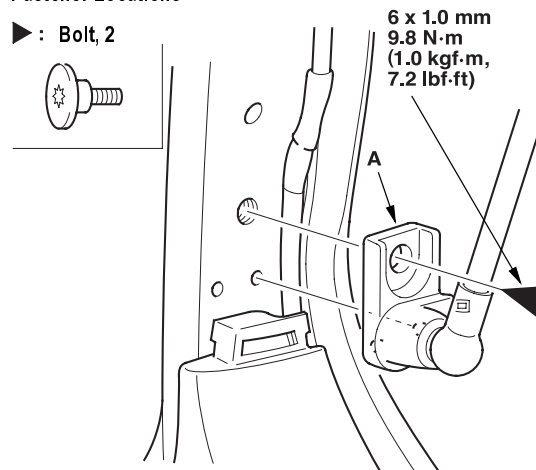
1. Remove the tailgate side trim from both sides (see page 20-80).
2. Remove the high mount brake light (see page 22A-98).
3. Disconnect the rear window defogger connectors (A), and release the wire harnesses (B) and harness holders (C) from both hatch glass support strut brackets (D). On the right side, release the wire harness from the wire harness trim (E).



4. While holding the hatch glass, using a Torx T30 bit, remove the bolts, then remove the hatch glass support strut brackets (A) from both sides.

### Fastener Locations

► : Bolt, 2

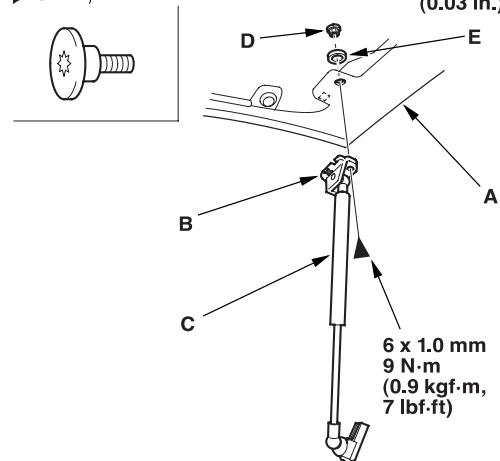


5. While holding the hatch glass (A), use a Torx T30 bit to remove the bolt, then release the double-faced adhesive tape (B), remove the hatch glass support strut (C), support strut nut (D), and seal (E) from the hatch glass.

### Fastener Locations

► : Bolt, 2

Adhesive tape: Thickness  
0.75 mm  
(0.03 in.)



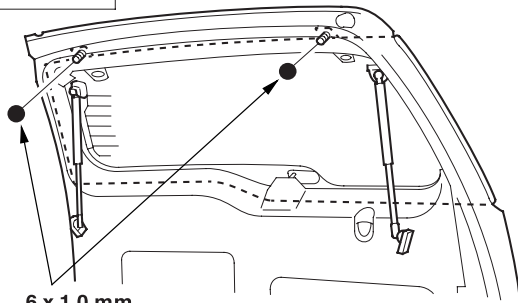
(cont'd)

## Hatch Glass/Hatch Glass Support Strut Replacement (cont'd)

6. With an assistant holding the hatch glass, remove the nuts from both sides. Unlock the hatch glass latch.

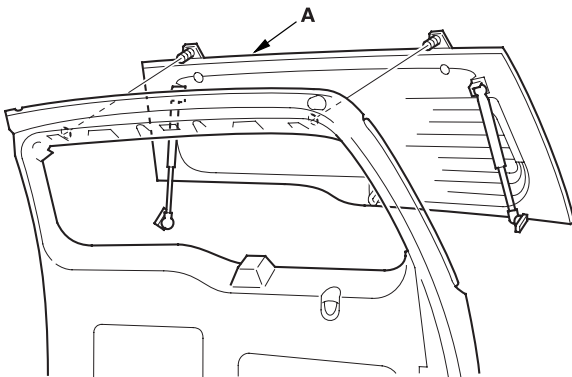
### Fastener Locations

● : Nut, 2



6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)

7. Remove the hatch glass (A). Take care not to scratch the tailgate.



8. Install the glass and support strut in the reverse order of removal, and note these items:
  - Replace the removed support strut mounting bolt with a new one.
  - Make sure the rear window defogger connectors are plugged in properly.
  - Adjust the position of the glass ([see page 20-58](#)).
  - Check that the hatch glass opens properly and locks securely.
9. Check for water leaks ([see step 9 on page 20-59](#)).





## Hatch Glass Disassembly/Reassembly

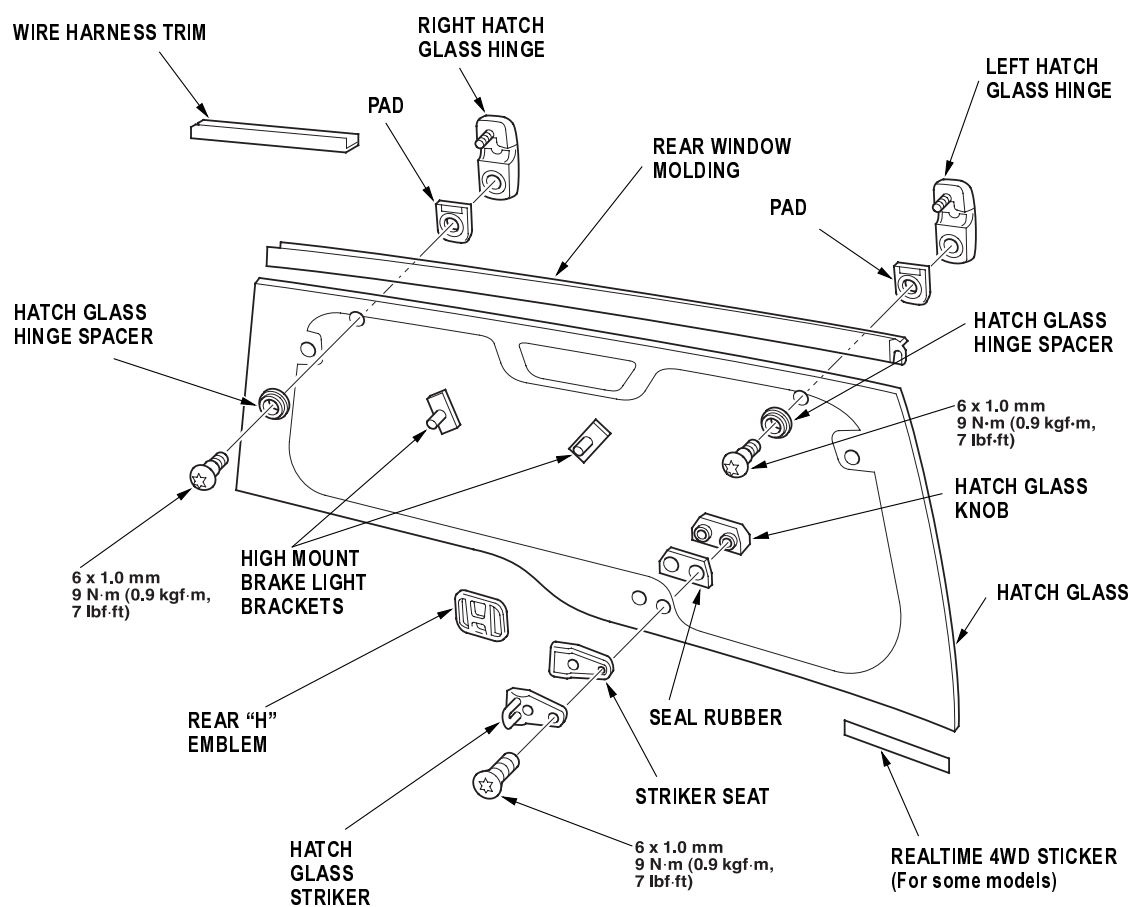
### NOTE:

- Put on gloves to protect your hands.
- Place the hatch glass on the protective seat to prevent damage.
- Do not damage the rear window defogger grid lines and terminals.

Disassemble the hatch glass as shown, and note these items:

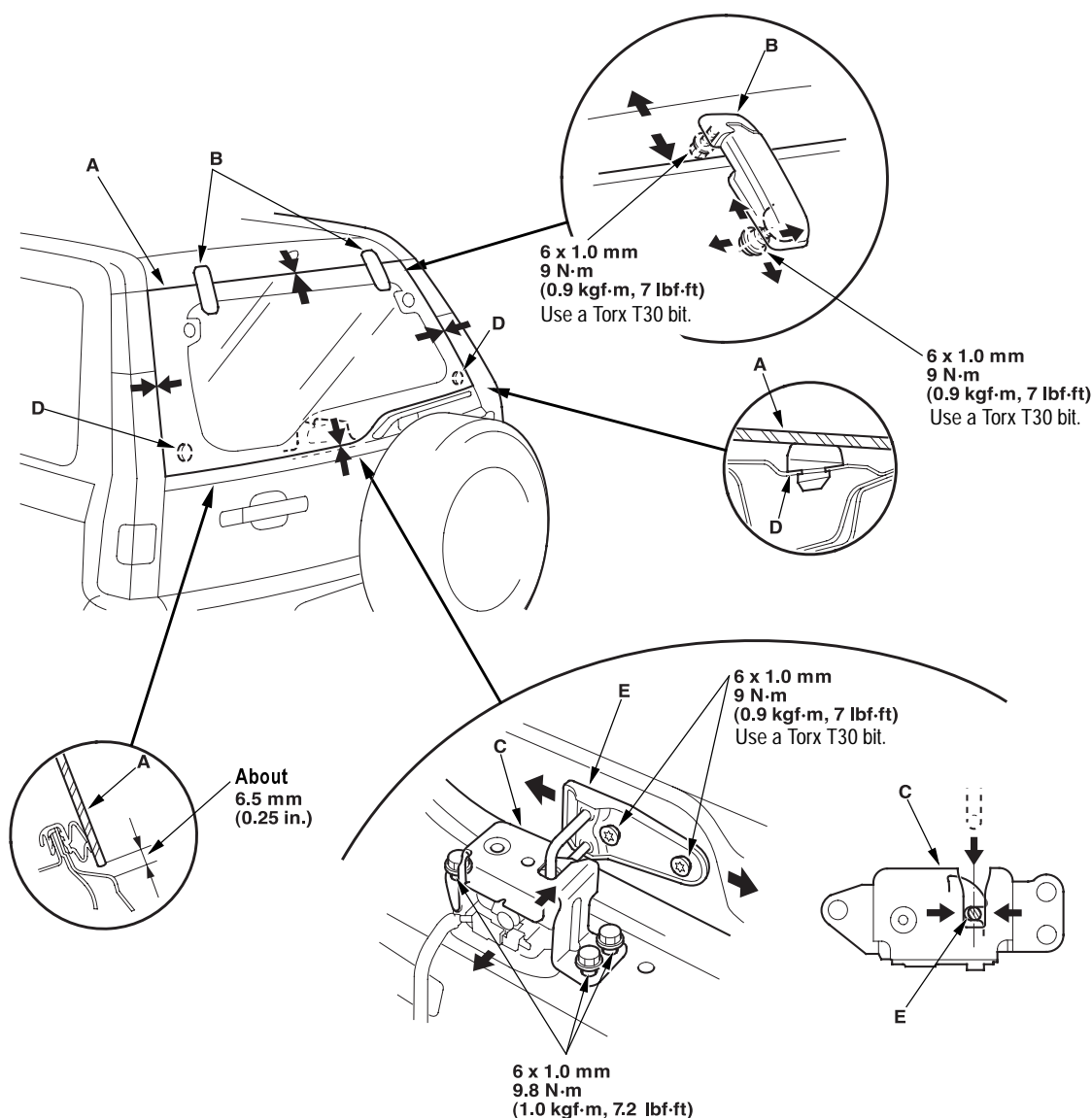
- To remove the bolts, use a Torx T30 bit.
- To remove the rear window molding, refer to Rear Window Molding Replacement ([see page 20-59](#)).
- To remove the high mount brake light bracket and wire harness trim, refer to High Mount Brake Light Bracket/Wire Harness Trim Replacement ([see page 20-61](#)).

Reassemble the hatch glass in the reverse order of removal. To install the rear "H" emblem and the REALTIME 4WD sticker, refer to Emblem/Sticker Replacement ([see page 20-153](#)).



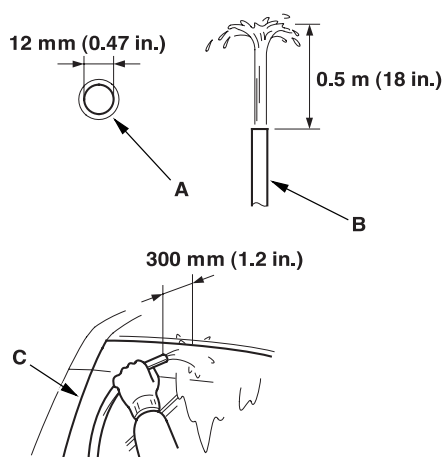
## Hatch Glass Adjustment

1. Remove the tailgate lower trim panel ([see page 20-80](#)).
2. With the help of an assistant, remove the hatch glass support struts from both sides ([see page 20-55](#)). Hold the hatch glass when opening and closing it.
3. Slightly loosen each bolt, screw, and nut.
4. Adjust the hatch glass (A) alignment in the following sequence.
  - Adjust the hatch glass hinges (B) up and down, to obtain the proper gap between the hatch glass and tailgate.
  - Adjust the hatch glass hinges right and left, as necessary to equalize the gap between the hatch glass and taillight on each side. Adjust the striker at the same time.
  - Adjust the hatch glass latch (C) forward and rearward, to make the hatch glass fit flush with the tailgate at the bottom edge. There should be no gap between the hatch glass stops (D) and hatch glass on each side.
  - Adjust the strikes (E) right and left until it's centered in the hatch glass latch.





5. Tighten each bolt, screw, and nut securely.
6. Check that the hatch glass opens properly and locks securely.
7. Reinstall the support struts securely (see page 20-55).
8. Reinstall the tailgate lower trim panel (see page 20-80).
9. Check for water leaks. Run water over the roof and on the sealing area as shown, and note these items:
  - Use a 12 mm (0.47 in.) diameter hose (A).
  - Adjust the rate of water flow as shown (B).
  - Do not use a nozzle.
  - Hold the hose about 300 mm (12 in.) away from the tailgate (C).

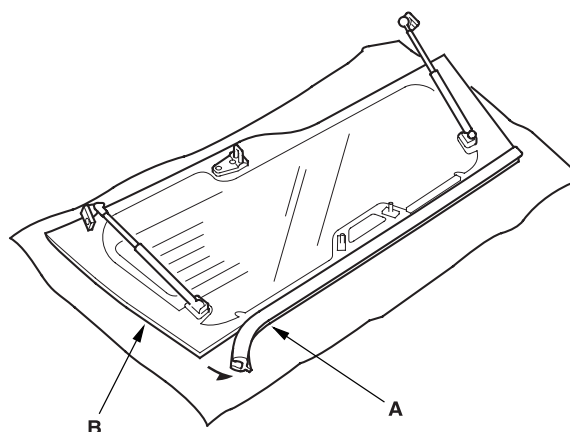


## Rear Window Molding Replacement

### NOTE:

- Put on gloves to protect your hands.
- Place the hatch glass on the protective seat to prevent damage.
- Do not damage the rear window defogger grid lines and terminals.

1. Remove the hatch glass (see page 20-55).
2. Remove the hatch glass hinges from both sides of the hatch glass (see page 20-57).
3. Remove the molding (A) from the upper edge of the hatch glass (B). If necessary, cut the molding with a utility knife.



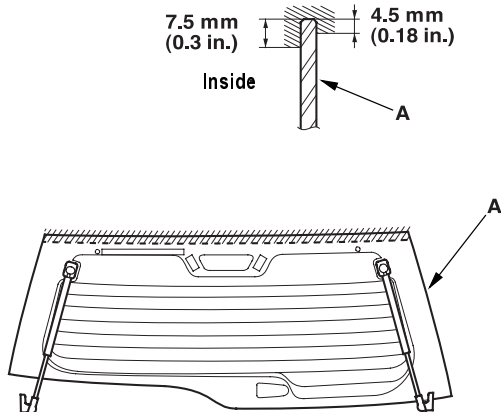
4. Use a putty knife to scrape off all of the adhesive from the hatch glass. Clean the upper edge of the hatch glass with isopropyl alcohol where new molding will be installed. After cleaning, keep oil, grease, and water from getting on the surface.

(cont'd)

## Rear Window Molding Replacement (cont'd)

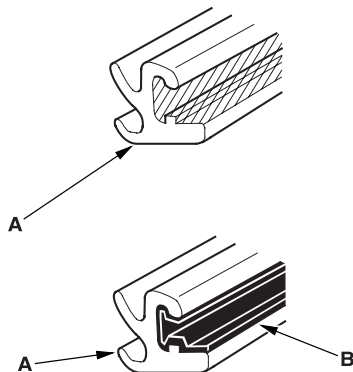
5. Apply primer (YOKOHAMA RUBBER MS-90, or equivalent) to the upper edge of the hatch glass (A). Be careful not to touch the hatch glass where primer will be applied.

////// : Apply primer here.

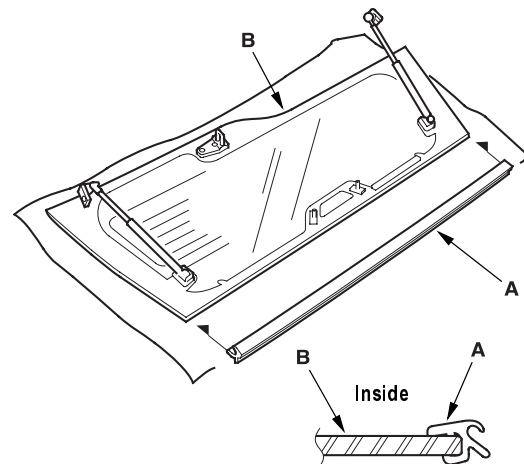


6. Apply primer (SAKAI CHEMISTRY SL-8861, or equivalent) to the entire groove of the molding (A), and run a bead of urethane adhesive (B) in the groove of the molding.

////// : Apply primer here.



7. Align the edge of the molding (A) with the corner edge of the hatch glass (B), and glue the molding.



8. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from the hatch glass, wipe with a soft shop towel dampened with alcohol.
9. Let the adhesive dry for at least 1 hour.
10. Reinstall the hatch glass hinges.
11. Reinstall the hatch glass.

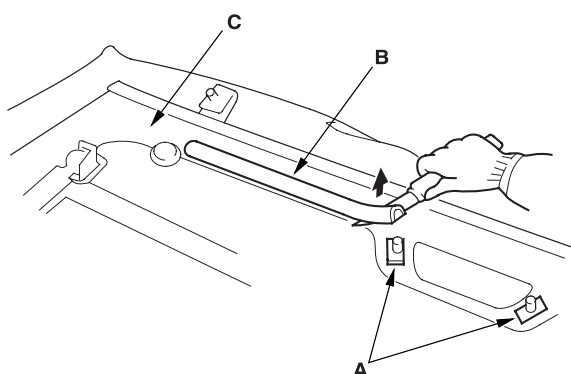


## High Mount Brake Light Bracket/Wire Harness Trim Replacement

### NOTE:

- Put on gloves to protect your hands.
- Place the hatch glass on the protective seat to prevent damage.
- Do not damage the rear window defogger grid lines and terminals.

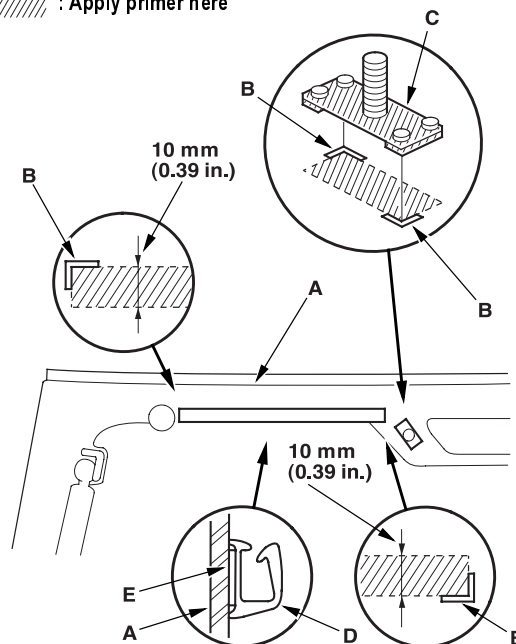
1. Remove the hatch glass (see page 20-55).
2. Cut the adhesive portions of the high-mount brake light brackets (A) and wire harness trim (B) with a utility knife, then remove them. Take care not to scratch the hatch glass (C).



3. Use a putty knife to scrape off all of the old adhesive and adhesive tape from the hatch glass. Clean the inside face of the hatch glass with isopropyl alcohol where new bracket and trim are to be installed. Make sure the bonding surface is kept free of water, oil, and grease.

4. Apply primer (YOKOHAMA RUBBER MS-90, or equivalent) to the inside face of the hatch glass (A):
  - Be sure the primer lines up with the alignment marks (B).
  - Be careful not to touch the hatch glass where primer will be applied.

//// : Apply primer here



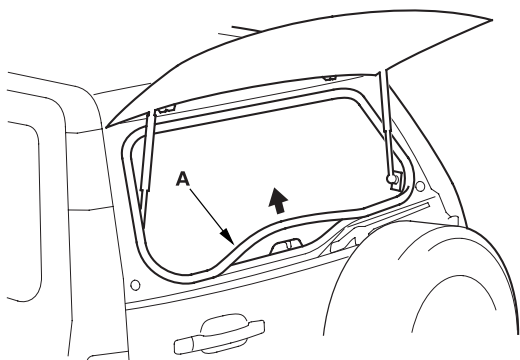
5. Apply primer (SAKAI CHEMISTRY SL-8861, or equivalent) to the back of the high-mount brake light brackets (C).
6. Glue the brackets to the hatch glass with urethane adhesive, and glue the trim (D) to the hatch glass with the adhesive tape (E). Be sure the brackets and trim line up with the alignment marks.
7. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from the hatch glass, use a soft shop towel dampened with alcohol.
8. Let the adhesive dry for at least 1 hour.
9. Reinstall the hatch glass.

## Hatch Glass Weatherstrip Replacement

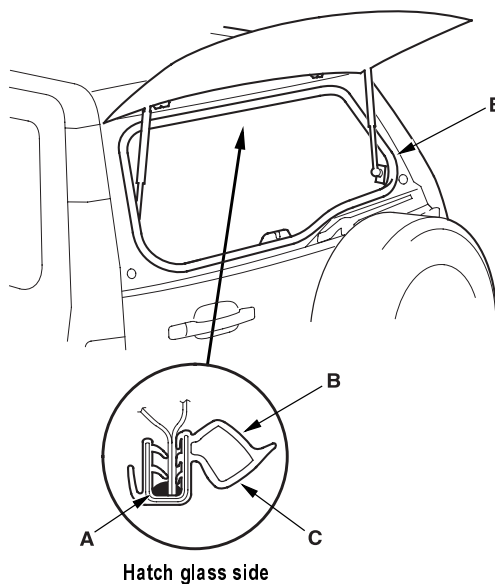
**NOTE:**

- Put on gloves to protect your hands.
- Take care not to scratch the tailgate.

1. Remove the tailgate side trim from both sides (see [page 20-80](#)).
2. Remove the high mount broke light (see [page 22A-98](#)).
3. Disconnect the rear window defogger connectors, and release the wire harnesses from both sides (see step 3 on [page 20-55](#)).
4. Remove the hatch glass support strut brackets from both sides of the tailgate (see step 4 on [page 20-55](#)).
5. With an assistant holding the hatch glass, remove the hatch glass weatherstrip (A) by pulling out on it.



6. Clean the bonding surface around the hatch glass opening flange with alcohol.
7. Apply sealant (Cemedine P/N 08712-0004, or equivalent) (A) in the groove around the hatch glass weatherstrip (B).

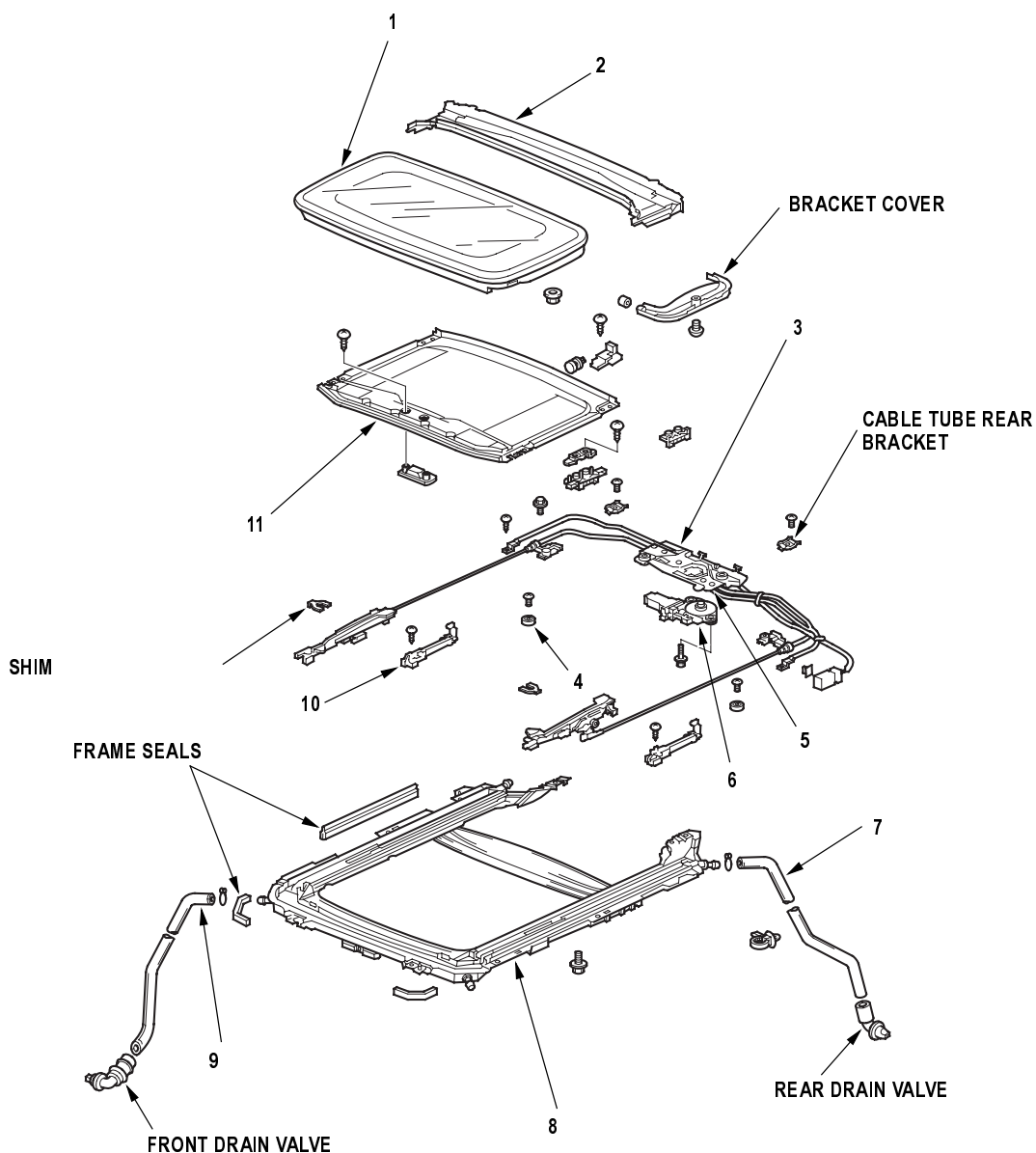


8. Locate the painted alignment mark (C) on the hatch glass weatherstrip. Align the painted mark with the alignment tab in the center of the hatch glass opening, and install the weatherstrip. Make sure it's seated completely and facing in the direction shown. Make sure there are no wrinkles in the weatherstrip.
9. Check for water leaks (see step 9 on [page 20-59](#)).



## Sunroof

### Component Location Index



- |                         |   |
|-------------------------|---|
| 1 GLASS                 | Height Adjustment, <a href="#">page 20-65</a> ; Replacement, <a href="#">page 20-65</a><br>Closing Force and Opening Drag Check, <a href="#">page 20-74</a> |
| 2 DRAIN CHANNEL         | Replacement, <a href="#">page 20-66</a>   |
| 3 POSITION SWITCH       | Adjustment, <a href="#">page 20-73</a>  |
| 4 SLIDE STOP            |   |
| 5 CABLE ASSEMBLY        | Replacement, <a href="#">page 20-71</a>   |
| 6 MOTOR                 | Replacement, <a href="#">page 20-68</a>   |
| 7 REAR DRAIN TUBE       | Replacement, <a href="#">page 20-69</a>   |
| 8 FRAME                 | Replacement, <a href="#">page 20-69</a>   |
| 9 FRONT DRAIN TUBE      | Replacement, <a href="#">page 20-69</a>   |
| 10 DRAIN CHANNEL SLIDER | Replacement, <a href="#">page 20-71</a>   |
| 11 SUNSHADE             | Replacement, <a href="#">page 20-67</a>   |

Symptom Troubleshooting Index

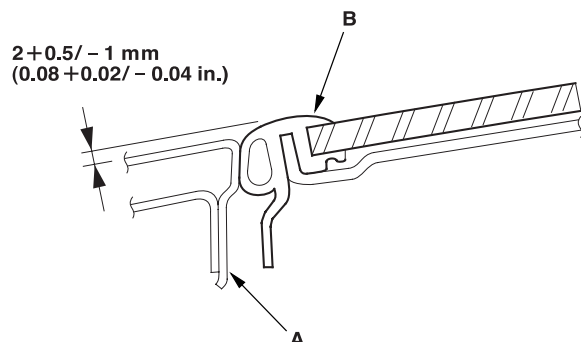
Symptom	Diagnostic Procedure	Also check for
Water leaks	<ol style="list-style-type: none"><li>1. Check for a clogged drain tube.</li><li>2. Check for a gap between the glass weatherstrip and the roof panel.</li><li>3. Check for a defective or an improperly installed glass weatherstrip or drain channel.</li><li>4. Check for a gap between the drain seal and the roof panel.</li></ol>	
Wind noise	<ol style="list-style-type: none"><li>1. Check for excessive clearance between the glass weatherstrip and the roof panel.</li></ol>	
Motor noise	<ol style="list-style-type: none"><li>1. Check for a loose motor.</li><li>2. Check for a worn gear or bearing.</li><li>3. Check for a deformed cable assembly.</li></ol>	
Glass does not move, but motor turns	<ol style="list-style-type: none"><li>1. Check for a defective gear or inner cable.</li><li>2. Check for foreign matter stuck between the guide rail and the slider.</li><li>3. Check for a loose inner cable.</li><li>4. Make sure the cable assembly is attached properly.</li></ol>	
Glass does not move and motor does not turn (glass can be moved with sunroof wrench)	<ol style="list-style-type: none"><li>1. Check for a blown fuse.</li><li>2. Check for a faulty sunroof switch.</li><li>3. Check the limit switch.</li><li>4. Check for a run down battery.</li><li>5. Check for a defective motor.</li><li>6. Check for a faulty relay.</li></ol>	





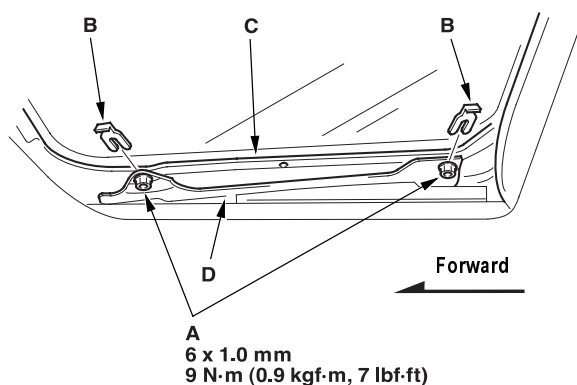
## Glass Height Adjustment

The roof panel (A) should be even with the glass weatherstrip (B), to within  $2+0.5/-1$  mm ( $0.08+0.02/-0.04$  in.) at the center of the glass opening. If not, make the following adjustment:



1. Remove the bracket cover from each side.
2. Loosen the nuts (A), and install the shims (B) between the glass frame (C) and glass bracket (D) on each side.

**Shim thickness: Front and rear max. 2 mm (0.08 in.)**



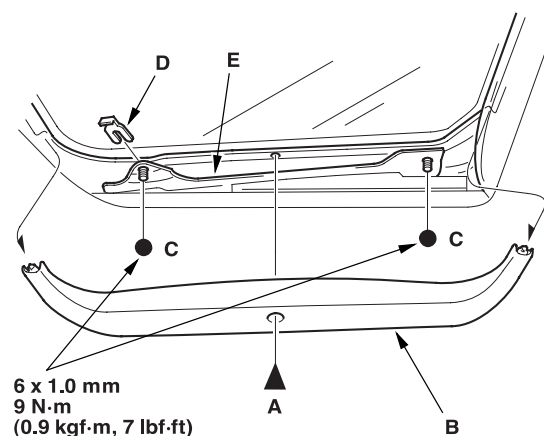
3. If necessary, repeat on the opposite side.

## Glass Replacement

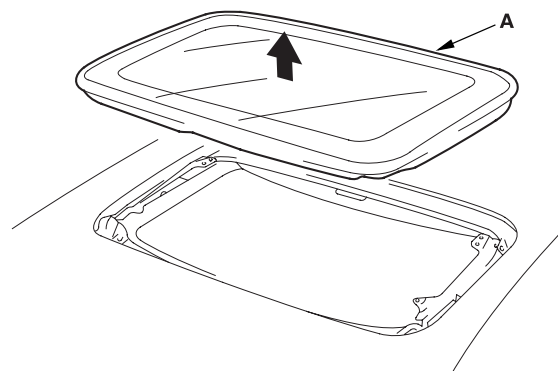
1. Close the glass fully.
2. Slide the sunshade all the way back.
3. Remove the screws (A), then remove both bracket covers (B). Remove the nuts (C) and shims (D) from both glass brackets (E).

### Fastener Locations

A ► : Screw, 2      C ● : Nut, 4



4. Remove the glass (A) by lifting it up. Do not damage the roof panel.



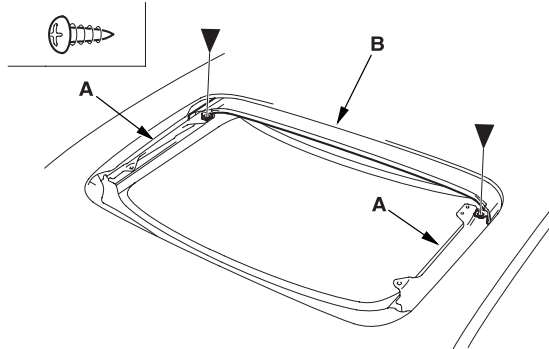
5. Install the glass in the reverse order of the removal, and adjust the glass height alignment.
6. Check for water leaks. Use free-flowing water from a hose without a nozzle. Do not use high-pressure water.

## Drain Channel Replacement

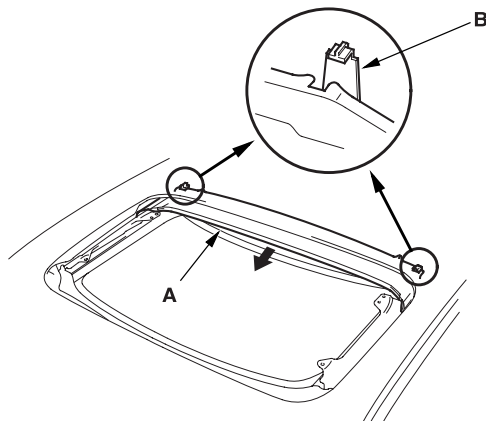
1. Remove the glass ([see page 20-65](#)).
2. With the sunroof wrench, move both glass brackets (A) to the position where the sunroof normally pivots down, and remove the screws securing the drain channel (B).

### Fastener Locations

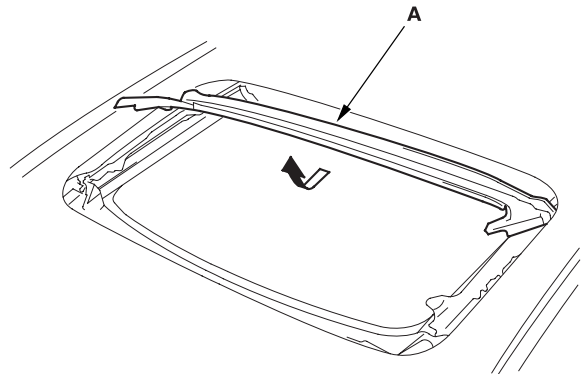
► : Screw, 2



3. Release the drain channel (A) from both hooks (B) of the drain channel slider by pulling the drain channel forward.



4. Remove the drain channel (A).



5. Install the channel in the reverse order of removal, and note these items:
  - Push the drain channel onto the hooks until a faint click is heard.
  - Check the glass height adjustment ([see page 20-65](#)).
6. Check for water leaks. Let the water run freely from a hose without a nozzle. Do not use a high-pressure spray.

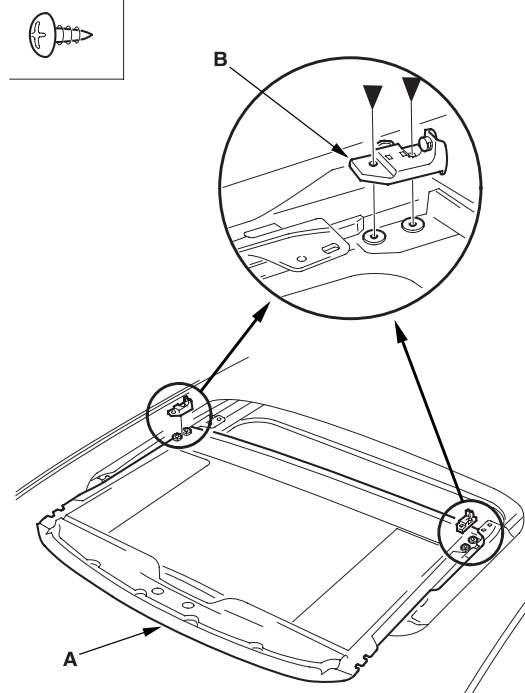


## Sunshade Replacement

1. Remove the drain channel (see page 20-66).
2. Slide the sunshade (A) until you can see both sunshade slider spacers (B).

### Fastener Locations

► : Screw, 4

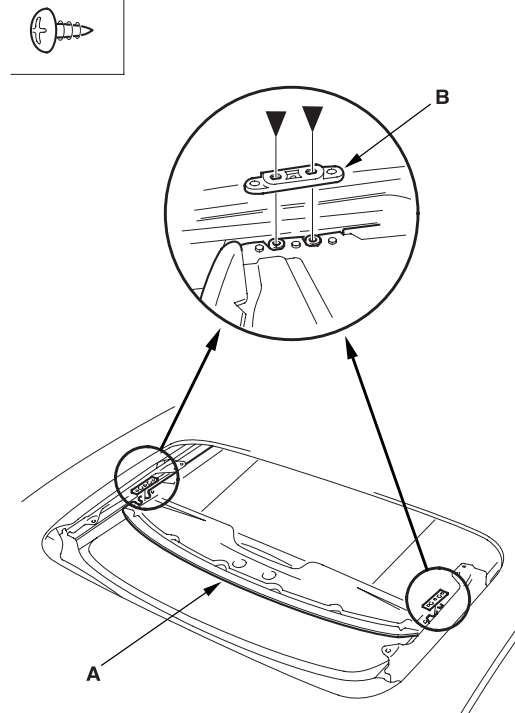


3. Remove the screws, then remove both spacers.

4. While lifting the front portion of the sunshade (A), move the sunshade forward until you can see both sunshade rear hooks (B). Do not damage the sunshade and hooks.

### Fastener Locations

► : Screw, 4

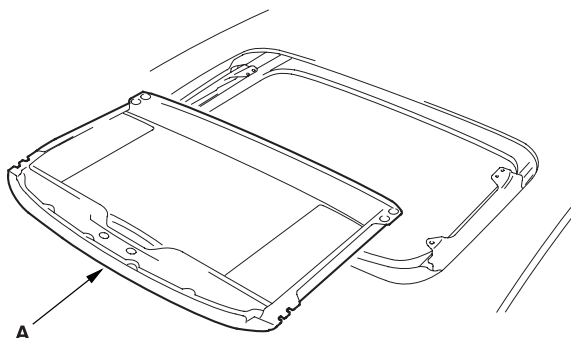


5. Remove the screws, then remove both hooks.

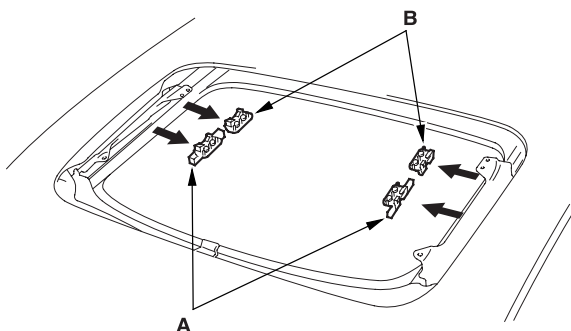
(cont'd)

### Sunshade Replacement (cont'd)

6. Remove the sunshade (A).



7. Remove the front sunshade base sliders (A) and rear sunshade base sliders (B) from both guide rail portions of the frame.



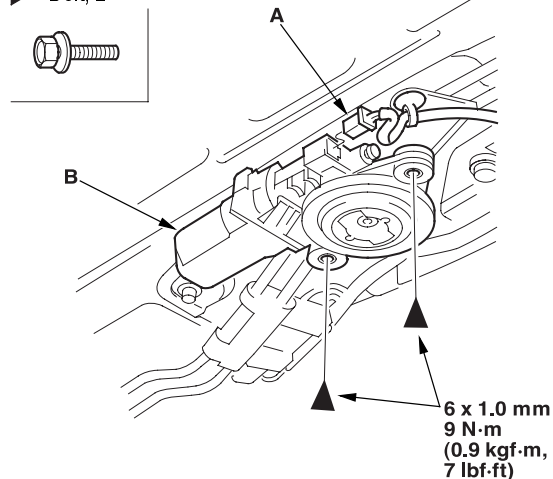
8. Install the sunshade in the reverse order of removal, and check the glass height adjustment ([see page 20-65](#)).
9. Check for water leaks. Let the water run freely from a hose without a nozzle. Do not use a high-pressure spray.

### Motor Replacement

1. Remove the headliner ([see page 20-81](#)).
2. Put on gloves to protect your hands. Disconnect the connector (A), and remove the bolts, then remove the motor (B).

#### Fastener Locations

►: Bolt, 2



3. Install the motor in the reverse order of removal, and note these items:
  - Make sure the connector is plugged in properly.
  - Check the motor operation.



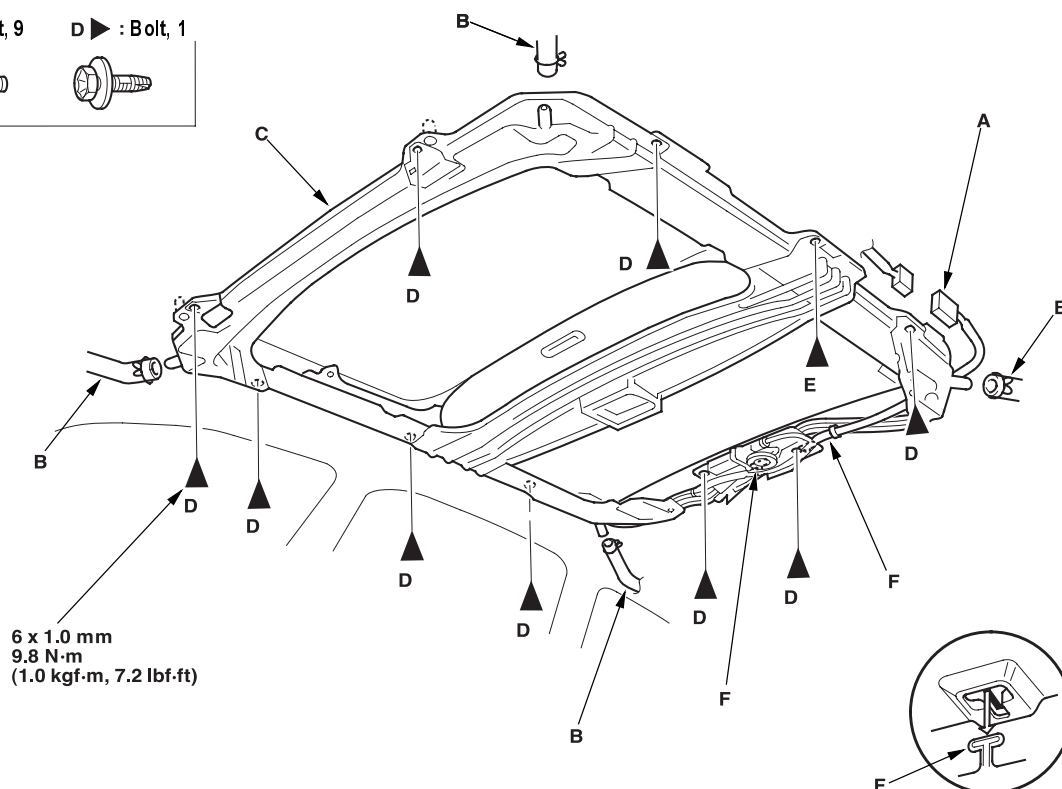
## Frame and Drain Tube Replacement

NOTE: Put on gloves to protect your hands.

1. Remove these items:
  - Headliner ([see page 20-81](#))
  - Sunroof glass ([see page 20-65](#))
2. Disconnect the sunroof connector (A) and drain tubes (B). LHD is shown, RHD is symmetrical.

### Fastener Locations

D ▶ : Bolt, 9    D ▶ : Bolt, 1

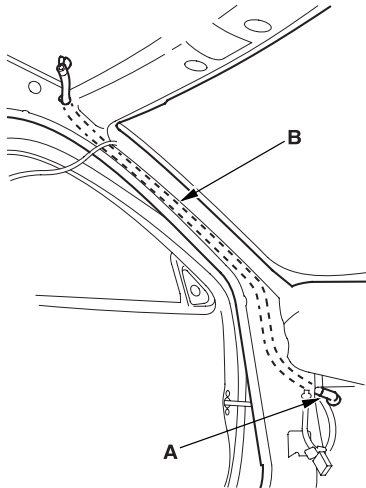


3. With an assistant holding the frame (C), remove the bolts (D) and ground bolt (E), starting at the rear, and release the rear hooks (F) by moving the frame forward, then remove the frame.
4. With the help of an assistant, carefully remove the frame through the front door opening. Take care not to scratch the interior trim and body, or tear the seat covers.

(cont'd)

## Frame and Drain Replacement (cont'd)

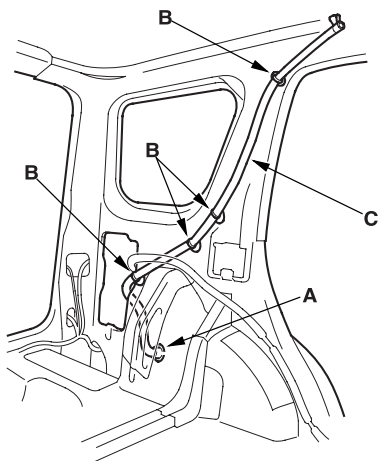
5. To remove a front drain valve (A) from the body, remove the kick panel, left or right ([see page 20-76](#)). Tie a string to the end of the drain tube, then pull the front drain tube (B) down out of the front pillar.



6. To remove a rear drain valve (A) from the cargo area, remove these parts:

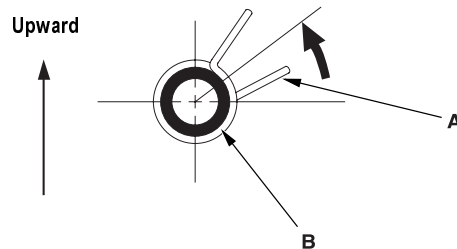
- Rear side trim panel ([see page 20-77](#))
- Quarter pillar trim ([see page 20-78](#))

Using a clip remover, detach the clips (B), then remove the rear drain tube (C).



7. Install the frame and drain tube in the reverse order of removal, and note these items:

- Before installing the frame, clear the drain tubes and drain valves using compressed air.
- Check the frame seal.
- Clean the surface of the frame.
- When installing the frame, first attach the rear hooks into the body holes.
- Make sure the connector is plugged in properly.
- When connecting the drain tube, slide it over the frame nozzle at least 10 mm (0.39 in.).
- Install the tube clip (A) on the drain tube (B) as shown.



8. Check for water leaks. Let the water run freely from a hose without a nozzle. Do not use a high-pressure spray.



## Drain Channel Slider and Cable Assembly Replacement

1. Remove the frame (see page 20-69).
2. Remove these parts from the frame:
  - Drain channel (see page 20-66)
  - Sunshade (see page 20-67)
  - Sunroof motor (see page 20-68)
3. Put on gloves to protect your hands. From both sides of the frame (A), remove the screws (B, C), then remove the slide stops (D) and cable tube rear brackets (E), and remove the cable tube side bracket mounting bolts (F) and the cable tube mounting screws (G).

### Fastener Locations

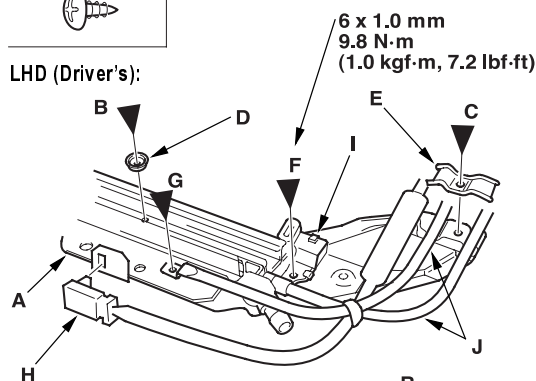
B ►: Screw, 2    C ►: Screw, 2    F ►: Bolt, 2



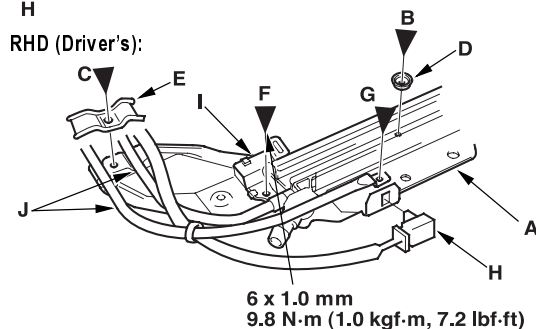
G ►: Screw, 2



LHD (Driver's):

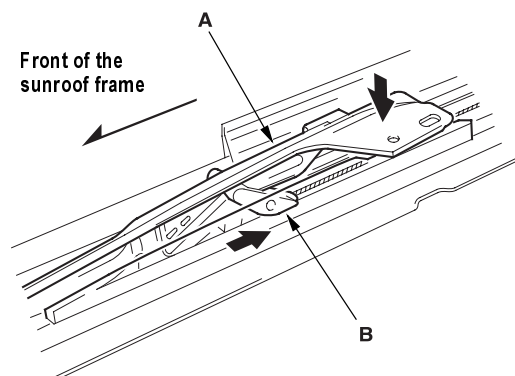


RHD (Driver's):

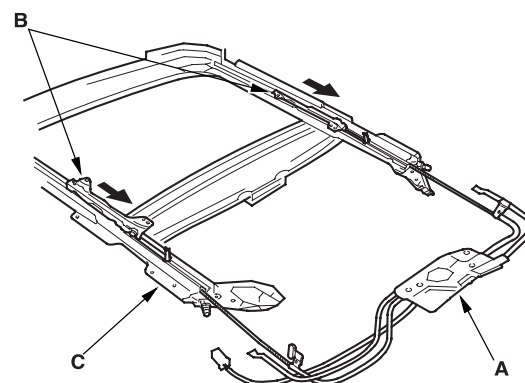


4. From the driver's side, detach the sunroof connector (H) from the frame.
5. Remove the cable tube side brackets (I) and cable tubes (J) from both sides of the frame.

6. Pivot the glass bracket (A) down by sliding the link lifter (B) back, then slide both glass brackets back with the link lifter.



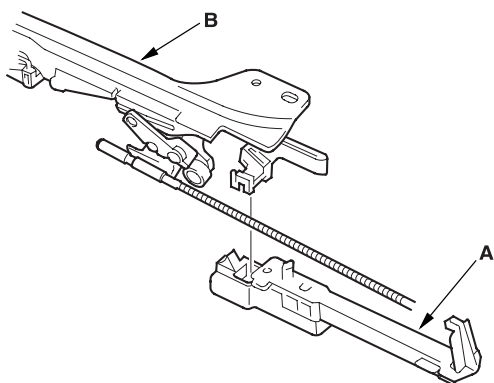
7. Slide the cable assembly (A) and both glass brackets (B) back, then remove them from the frame (C).



(cont'd)

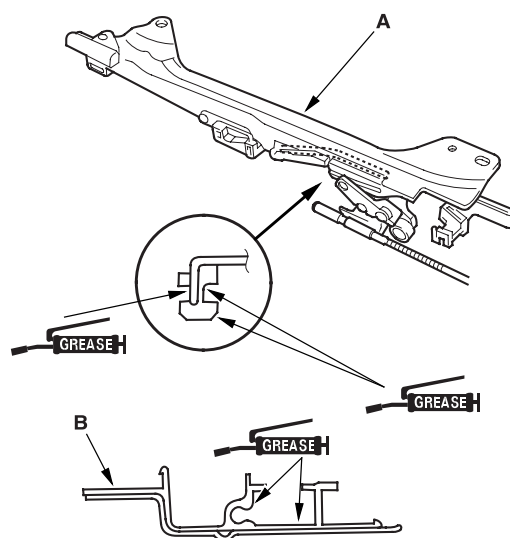
**Drain Channel Slider and Cable Assembly Replacement (cont'd)**

8. Remove the drain channel sliders (A) from the glass brackets (B) on both sides.



9. Install the slider and cable assembly in the reverse order of removal, and note these items:

- Damaged parts should be replaced.
- Apply multipurpose grease to the glass bracket (A) and guide rail portion of the frame (B) indicated by the arrows.
- Before reinstalling the motor, make sure both link lifters are parallel, and in the fully closed position.
- Before reinstalling the motor, install the frame and glass, then check the opening drag ([see page 20-74](#)).

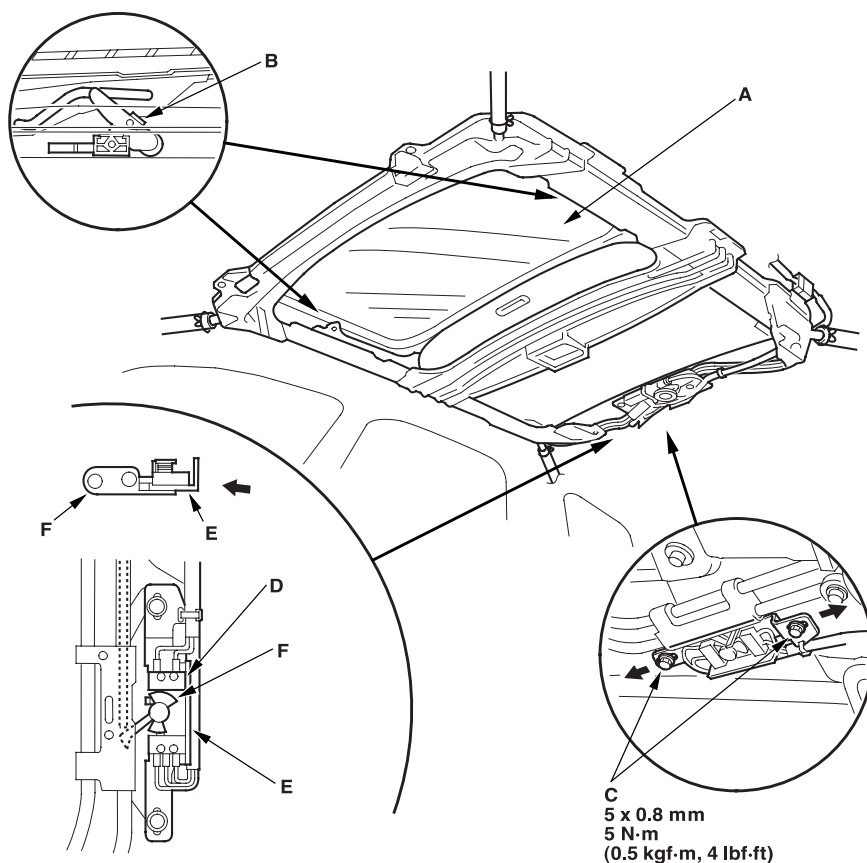






## Position Switch Adjustment

1. Remove the headliner (see page 20-81).
2. With the sunroof wrench, close the glass (A) fully:
  - Make sure both link lifters (B) are parallel, and in the position shown.
  - Check the glass fit to the roof panel and the glass height (see page 20-65).

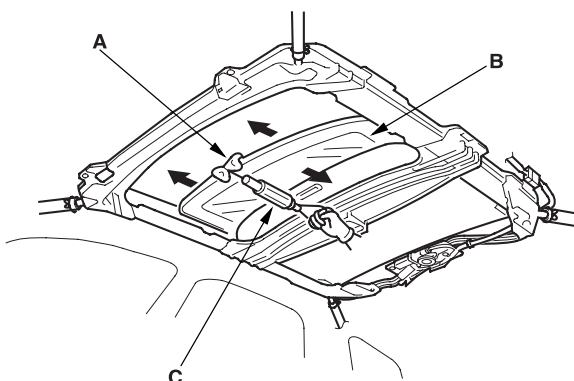


3. With an open-end wrench, loosen the position switch mounting bolts (C).
4. Adjust the position switch (D):
  - Move the switch plate (E) a little at a time, then secure it in the position where you hear a faint click when the switch cam (F) pushes the position switch (open/close).
  - Check that the switch plate contacts the switch bracket (F).
5. Check the operation of the glass (from the tilt-up position to fully closed position, from the fully open position to the fully closed position) by operating the sunroof switch.

### Closing Force and Opening Drag Check

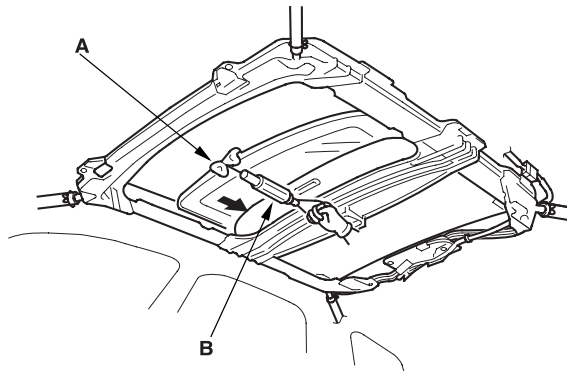
1. Remove the headliner ([see page 20-81](#)).
2. Closing force check:
  - With a shop towel (A) on the leading edge of the glass (B), attach a spring scale (C) as shown.
  - Have an assistant hold the switch to close the glass while you measure the force required to stop it.
  - Read the force as soon as the glass stops moving, then immediately release the switch and spring scale.

**Closing Force: 200 - 290 N (20 - 30 kgf, 44 - 66 lbf)**



3. If the force is not within specification, remove the sunroof motor ([see page 20-68](#)), then check:
  - The gear portion and the inner cable for breakage and damage. If the gear portion is broken, replace the motor. If the inner cable is damaged, remove the frame ([see page 20-69](#)), and replace the cable assembly ([see page 20-71](#)).
  - The sunroof motor ([see page 22A-128](#)). If the motor fails to run or doesn't turn smoothly, replace it.
  - The opening drag. Go to step 4.

4. Opening drag check: Protect the leading edge of the glass with a shop towel (A). Measure the effort required to open the glass using a spring scale (B) as shown.

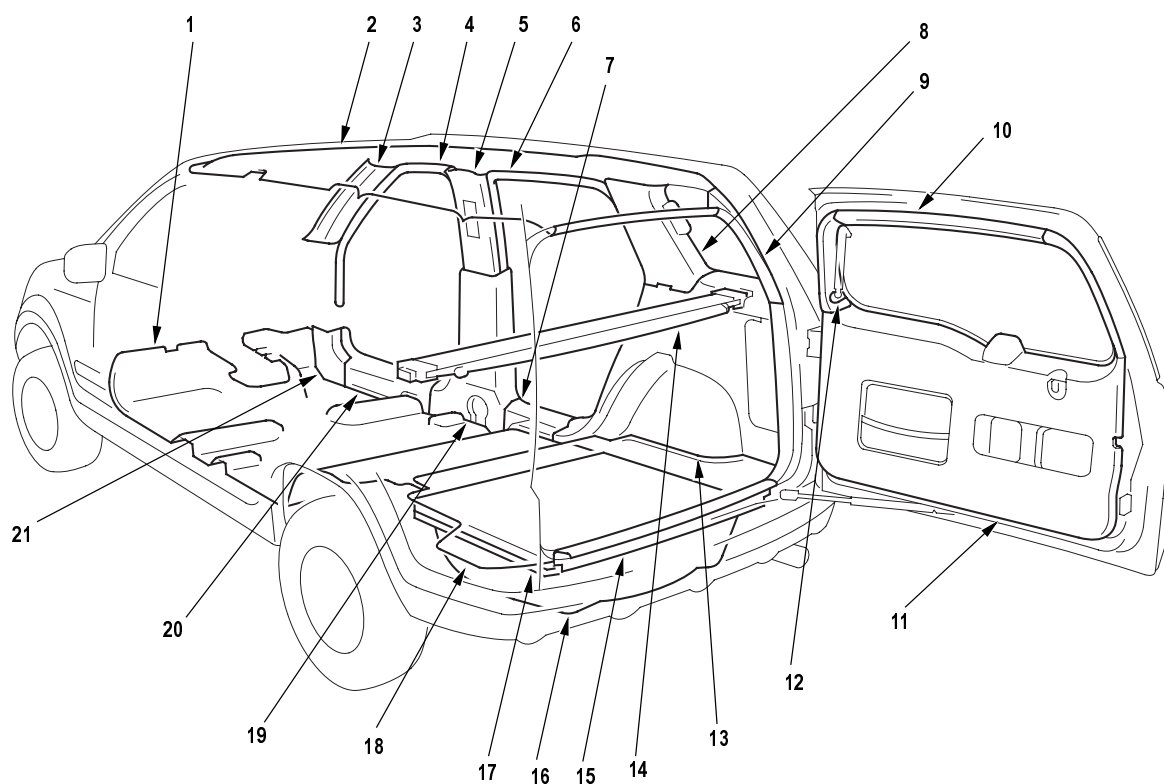


5. If the load is over 40 N (4 kgf, 9 lbf), check:
  - The side clearance and glass height adjustment ([see page 20-65](#)).
  - For broken or damaged sliding parts. If any sliding parts are damaged, replace them.



## Interior Trim

### Component Location Index



1	CARPET	Replacement, <a href="#">page 20-85</a>	12	TAILGATE SIDE TRIM	<a href="#">page 20-80</a>
2	HEADLINER	Replacement, <a href="#">page 20-81</a>	13	REAR SIDE TRIM PANEL	<a href="#">page 20-77</a>
3	FRONT PILLAR TRIM	<a href="#">page 20-76</a>	14	TONNEAU COVER	<a href="#">page 20-77</a>
4	FRONT DOOR OPENING TRIM	<a href="#">page 20-76</a>	15	REAR TRIM PANEL	<a href="#">page 20-79</a>
5	CENTER PILLAR UPPER TRIM	<a href="#">page 20-76</a>	16	REAR FLOOR BUCKET	<a href="#">page 20-79</a>
6	REAR DOOR OPENING TRIM	<a href="#">page 20-76</a>	17	CARGO FLOOR LID	<a href="#">page 20-79</a>
7	REAR DOOR SILL TRIM	<a href="#">page 20-76</a>	18	TRUNK FLOOR MAT	<a href="#">page 20-79</a>
8	QUARTER PILLAR TRIM	<a href="#">page 20-78</a>	19	CENTER PILLAR LOWER TRIM PANEL	<a href="#">page 20-76</a>
9	REAR PILLAR TRIM	<a href="#">page 20-78</a>	20	FRONT DOOR SILL TRIM	<a href="#">page 20-76</a>
10	TAILGATE UPPER TRIM PANEL	<a href="#">page 20-80</a>	21	KICK PANEL	<a href="#">page 20-76</a>
11	TAILGATE LOWER TRIM PANEL	<a href="#">page 20-80</a>			

## Trim Removal/Installation - Door Area

### NOTE:

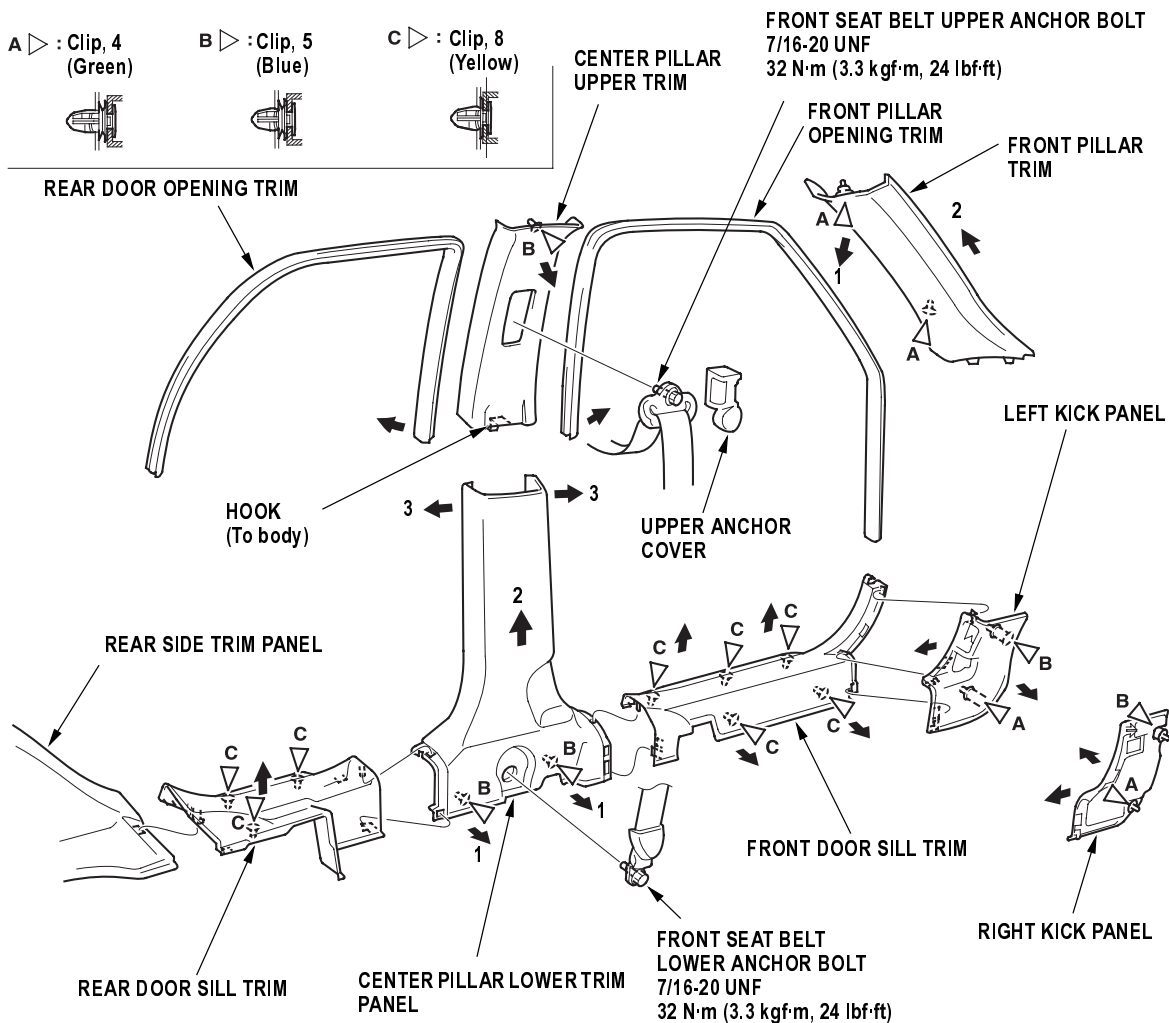
- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.

Remove the trim as shown:

Install the trim in the reverse order of removal, and note these items:

- Replace any damaged clips.
- Apply liquid thread lock to the front seat belt upper anchor bolt before installation.
- Before installing the anchor bolts, make sure there are no twists or kinks in the belts.

### Fastener Locations





## Trim Removal/Installation - Rear Side Area

### NOTE:

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.

Remove these items, then remove the trim as shown:

- Rear door sill trim ([see page 20-76](#))
- Trunk floor mat, cargo floor lid, rear floor bucket, tie-down hooks, rear trim panel ([see page 20-79](#))
- Accessory power socket (from the left rear side trim panel) ([see page 22A-239](#))

Install the trim in the reverse order of removal, and note these items:

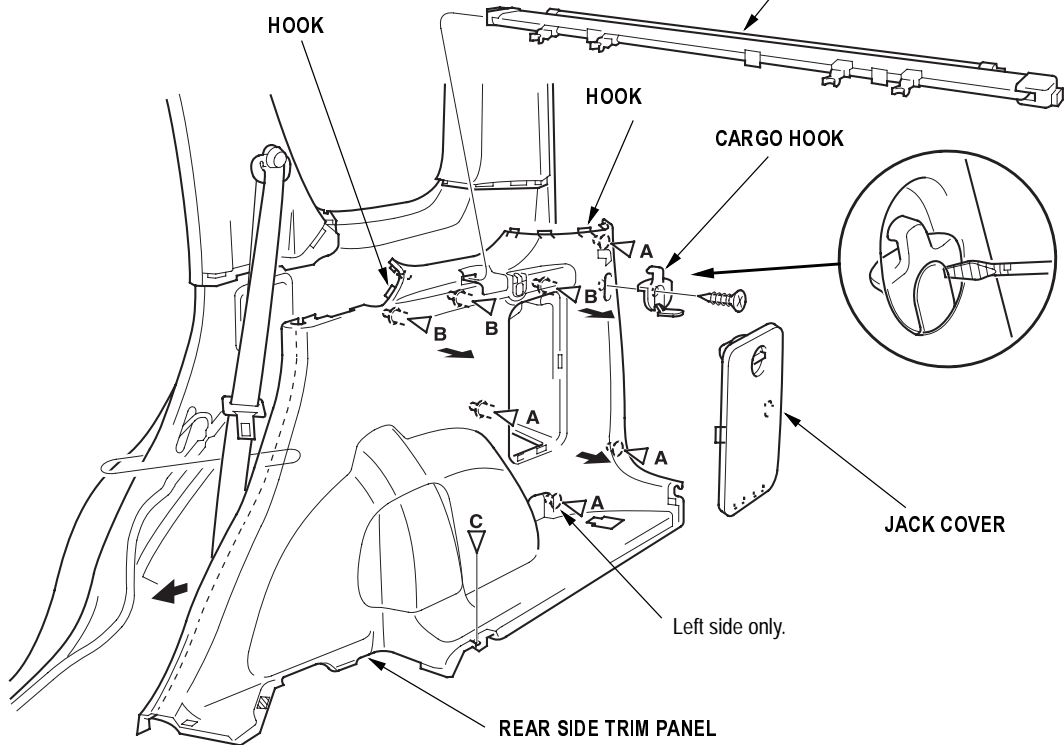
- Replace any damaged clips.
- Make sure there are no pinches in the belt.

### Fastener Locations

A ▷ : Clip (Blue)  
Right, 3  
Left, 4

B ▷ : Clip, 3  
(Orange)

C ▷ : Clip, 1



## Trim Removal/Installation - Rear Side Pillar Area

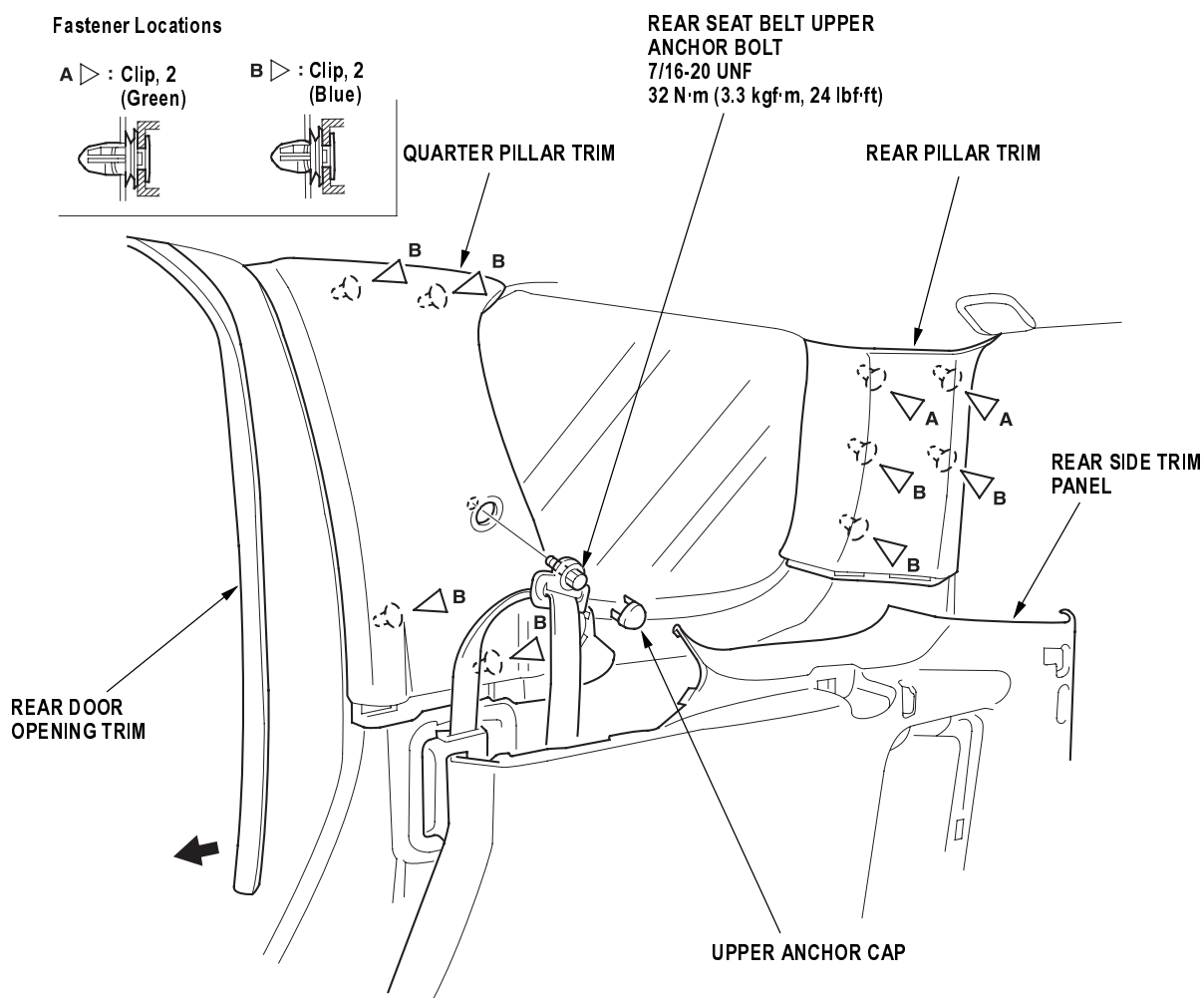
**NOTE:**

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.

Remove the trim as shown. Remove the upper portion of the rear side trim panel as necessary ([see page 20-77](#)).

Install the trim in the reverse order of removal, and note these items:

- Replace any damaged clips.
- When installing the rear side trim panel, make sure there are no pinches in the belt.
- Before installing the anchor bolt, make sure there are no twists or kinks in the belt.





## Trim Removal/Installation - Cargo Area

### NOTE:

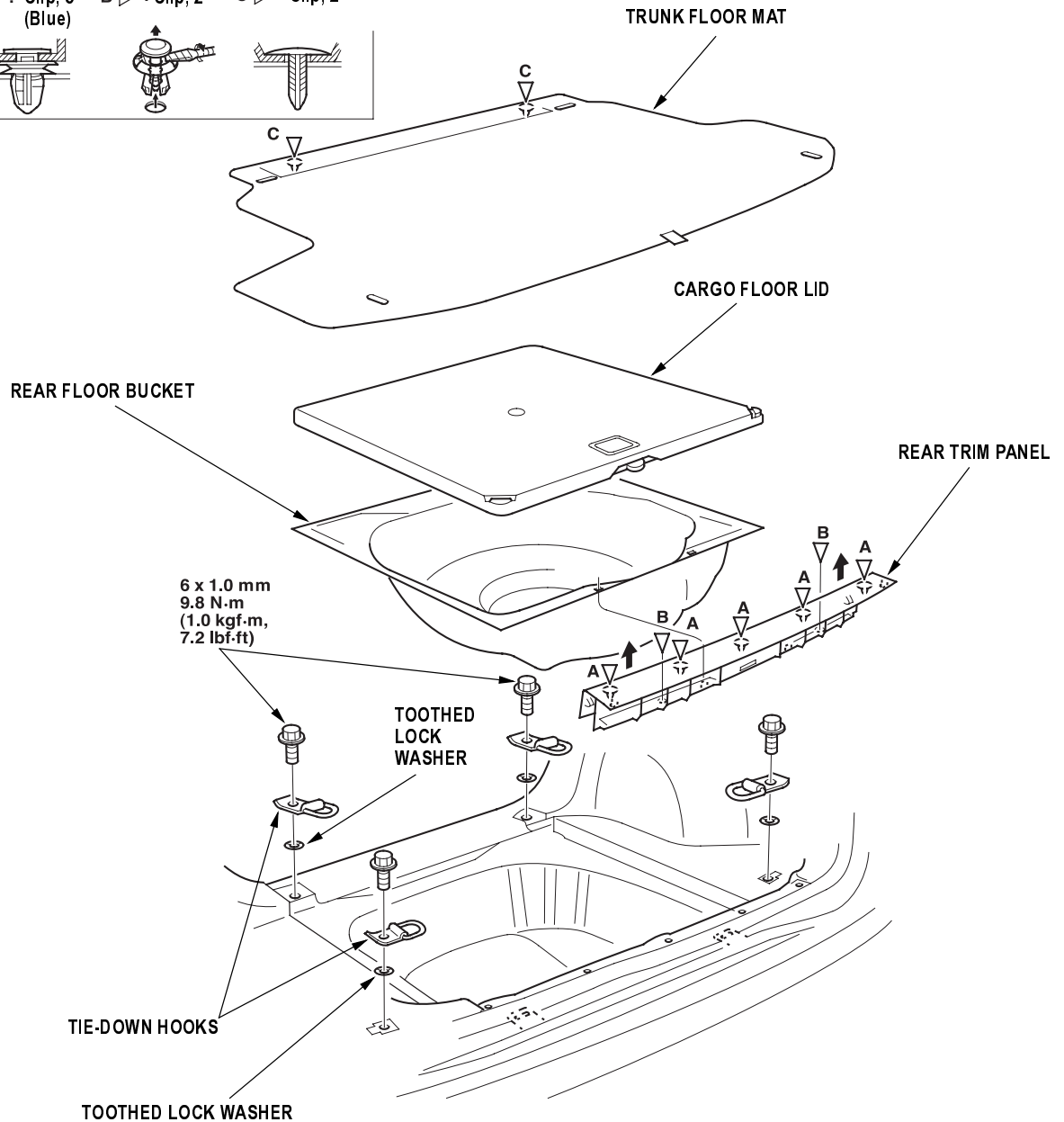
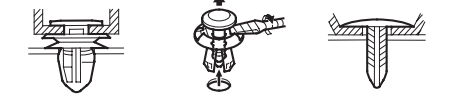
- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.

Remove the trim as shown.

Install the trim in the reverse order of removal, and replace any damaged clips.

### Fastener Locations

A ▷ : Clip, 5 (Blue)    B ▷ : Clip, 2    C ▷ : Clip, 2



Trim Removal/Installation - Tailgate Area

NOTE:

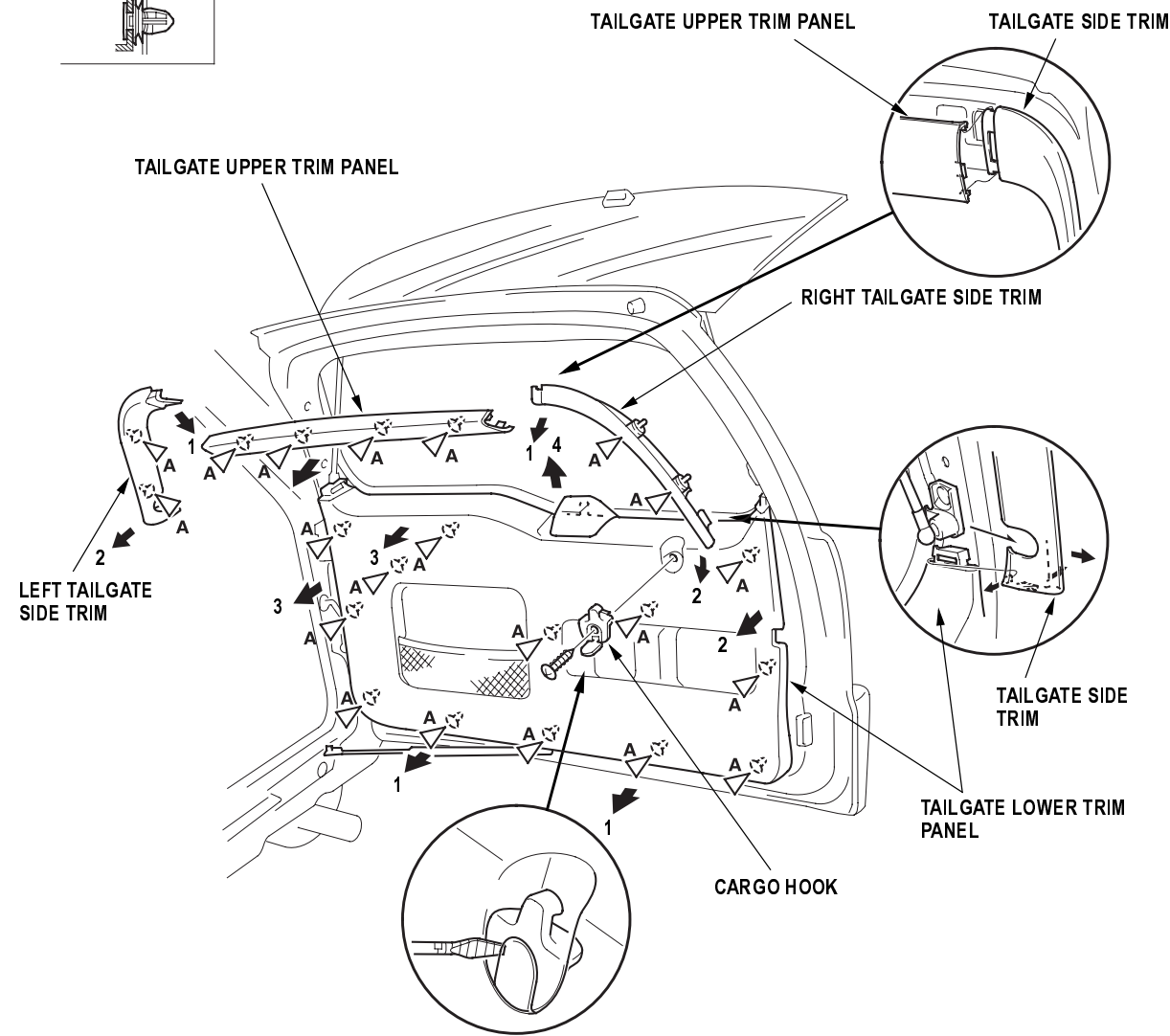
- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.

Remove the trim as shown.

Install the trim in the reverse order of removal, and replace any damaged clips.

Fastener Locations

A ▷: Clip, 21  
(Blue)







## Headliner Removal/Installation

### NOTE:

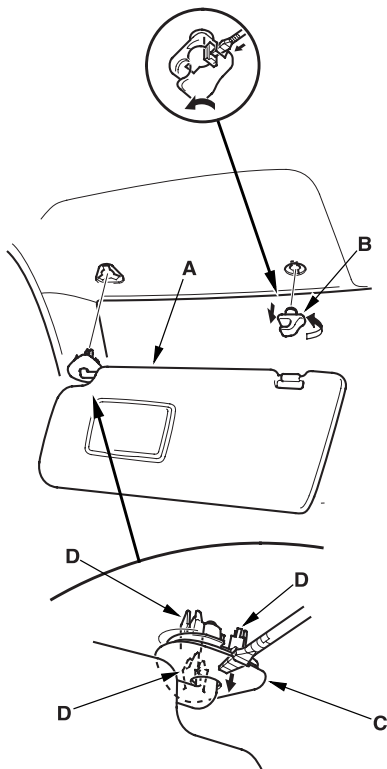
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend and scratch the headliner.
- Be careful not to damage the dashboard and other interior trim.

#### 1. Remove these items:

- Front pillar trim, both sides ([see page 20-76](#))
- Center pillar upper trim, one side ([see page 20-76](#))
- Quarter pillar trim, one side ([see page 20-78](#))
- Rear pillar trim, both sides ([see page 20-78](#))
- Spotlights, for some models ([see page 22A-108](#))
- Ceiling light ([see page 22A-109](#))
- Cargo room light ([see page 22A-109](#))

#### 2. From both sides, remove the sunvisor (A) and holder (B).

- 1 Using a flat-tip screwdriver, pry the cap (C).
- 2 Pull the clip portions (D) of the cap down.
- 3 Remove the sunvisor from the body and holder.
- 4 Using a flat-tip screwdriver, push the hook, and turn the holder 90°, then pull it out.

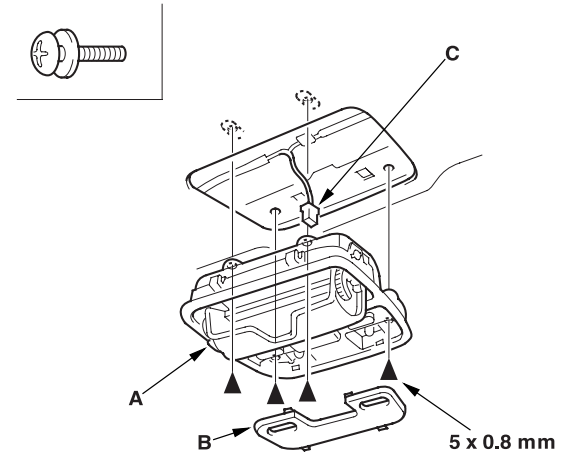


#### 3. If equipped, remove the roof console (A).

- 1 Remove the lens (B).
- 2 Remove the screws.
- 3 Pull out the roof console, and disconnect the front individual map light connector (C).

#### Fastener Locations

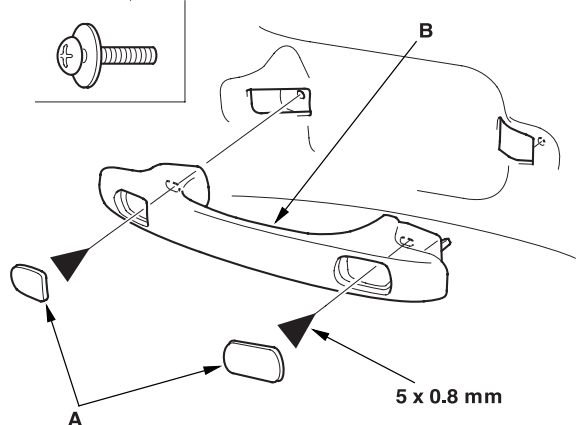
► : Screw, 4



#### 4. Remove the caps (A), and remove the screws, then remove the grab handles (B) (driver's and each passenger's).

#### Fastener Locations

► : Screw, 8



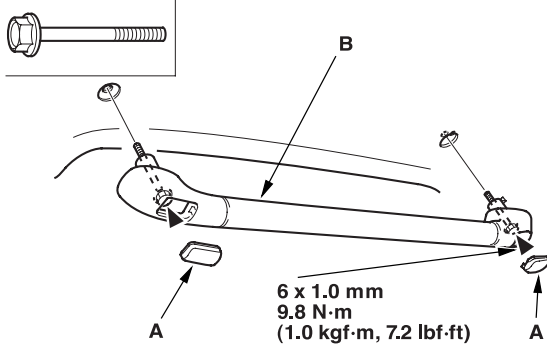
(cont'd)

## Headliner Removal/Installation (cont'd)

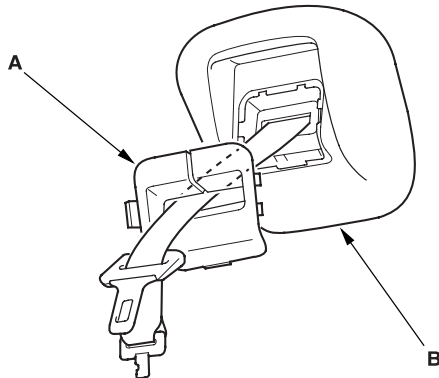
5. If equipped, remove the caps (A), and remove the bolts, then remove the inner roof rails (B) from both sides.

### Fastener Locations

► : Bolt, 4



6. If equipped, remove the cap (A) from the center seat belt retractor cover (B).

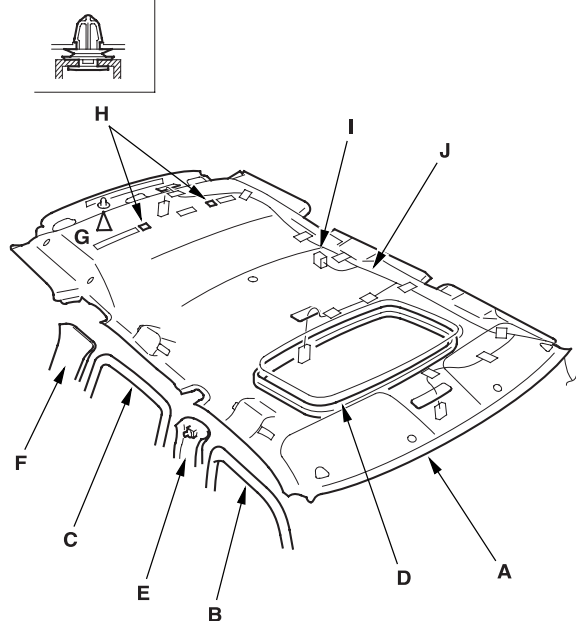


7. With the help of an assistant, remove the headliner (A). LHD is shown, RHD is similar.

- 1 Remove the remaining front door opening trim (B) and rear door opening trim (C) from each roof portion.
- 2 With sunroof: Remove the roof trim (D).
- 3 Remove the upper portion of the remaining center pillar upper trim (E) and quarter pillar trim (F). Take care not to damage the trim.
- 4 Detach the clip (G), and release the fasteners (H) by pulling the rear portion of the headliner down. Take care not to damage the headliner.
- 5 Lower the headliner, and remove it from the remaining trim, and disconnect the sunroof connector (I) (with sunroof). Take care not to damage the interior wire harness (J).

### Fastener Locations

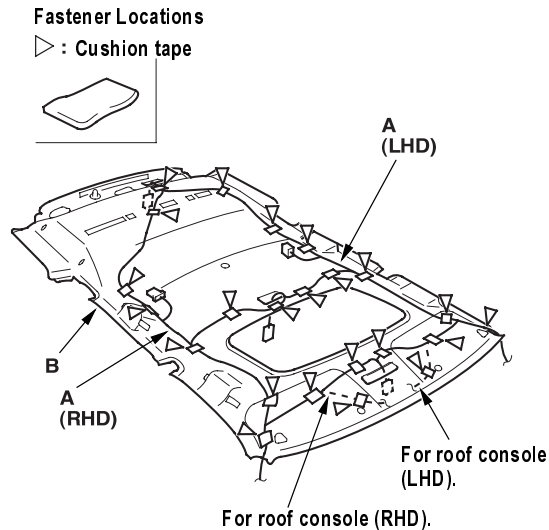
► : Clip, 1



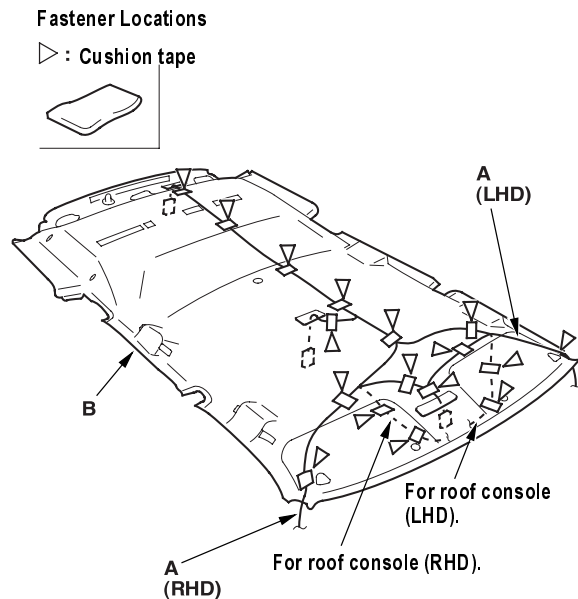


8. With the help of an assistant, remove the cushion tape, then remove the interior wire harness (A) from the headliner (B). Take care not to damage the headliner and interior wire harness.

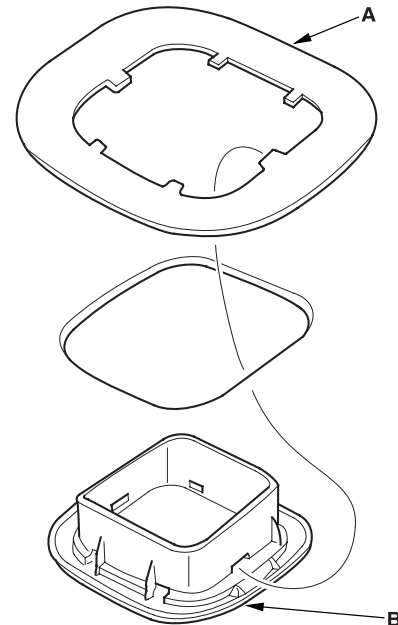
With sunroof:



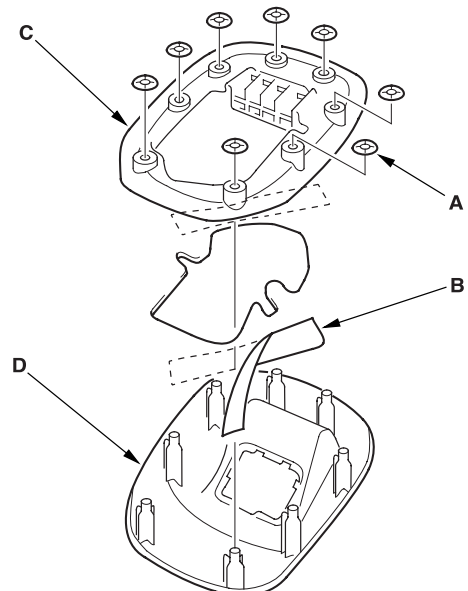
Without sunroof:



9. Remove the headliner through the tailgate opening. Take care not to damage the headliner.
10. If equipped with the anchors, remove the anchor cover bracket (A), then remove the anchor cover (B) from the headliner.



11. If equipped with a center seat belt retractor, remove the speed nuts (A), and remove the cushion tape (B), then remove the retractor cover bracket (C) and retractor cover (D) from the headliner.

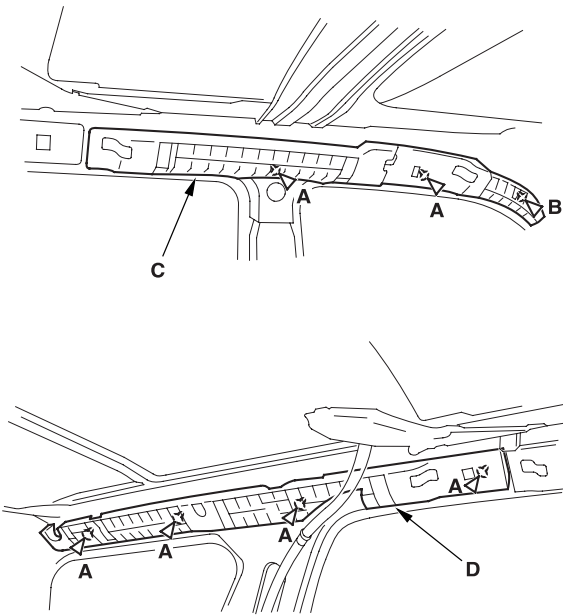
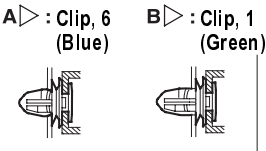


(cont'd)

Headliner Removal/Installation (cont'd)

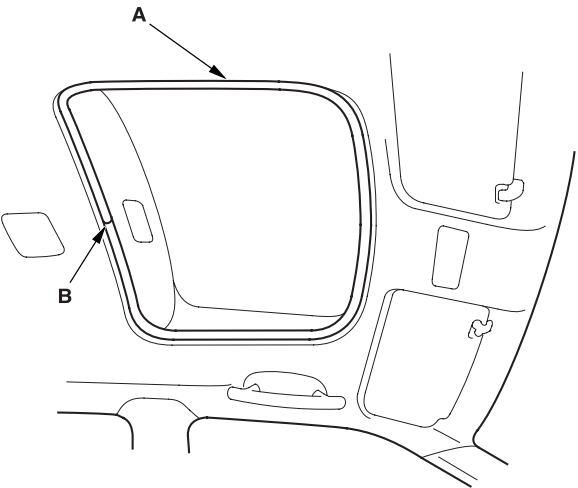
12. Using a clip remover, detach the clips (A, B), then remove the front roof side pad (C) and rear roof side pad (D).

Fastener Locations



13. Install the headliner in the reverse order of removal, and note these items:

- When reinstalling the headliner through the tailgate opening, be careful not to fold or bend it. Also, be careful not to scratch the body.
- Replace any damaged clips, and replace the cushion tape.
- Check that both sides of the headliner are securely attached to the trim.
- With sunroof: When reinstalling the roof trim (A), install the joint (B) as shown.





## Carpet Replacement

SRS components are located in this area. Review the SRS component locations (see page 23-14), and the precautions and procedures (see page 23-16) in the SRS section before performing repairs or service.

### NOTE:

- Put on gloves to protect your hands.
- Take care not to damage, wrinkle or twist the carpet.
- Be careful not to damage the dashboard or other interior trim pieces.

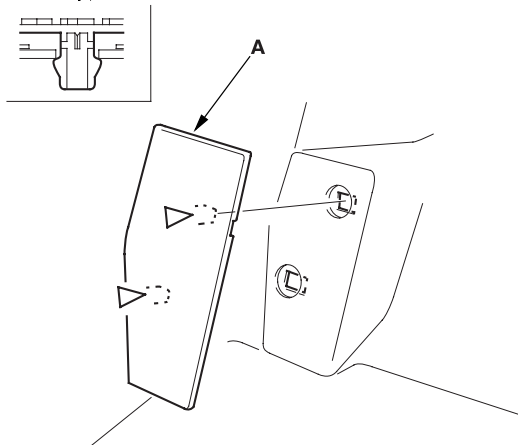
### 1. Remove these items:

- Front seats, both sides (see page 20-103)
- Rear seats, both sides (see page 20-114)
- Center pillar lower trim panel, both sides (see page 20-76)
- Dashboard center lower cover, A/T (see page 20-91), M/T (see page 20-93)

### 2. RHD: Detach the clips, then remove the footrest (A).

#### Fastener Locations

▷ : Clip, 2

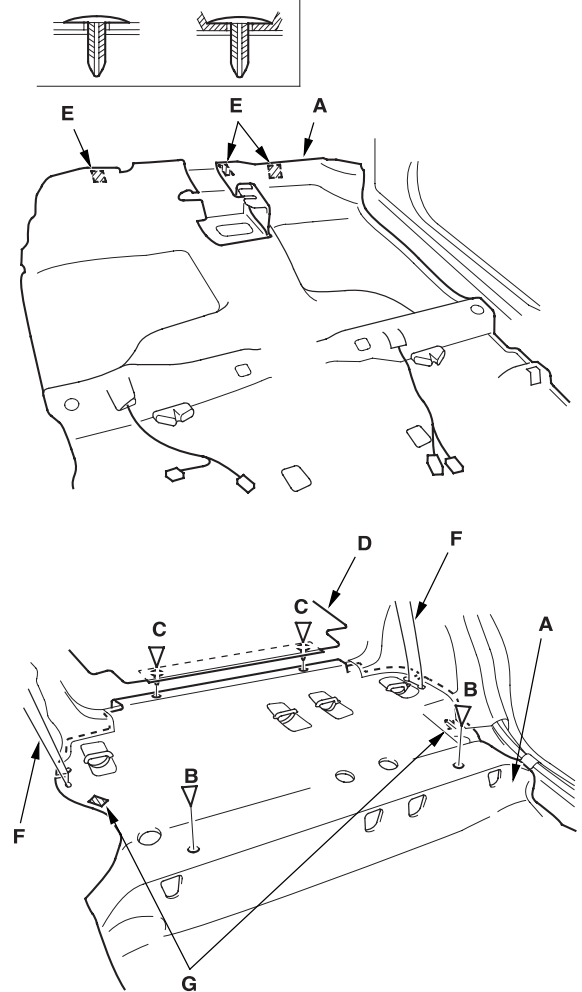


### 3. Remove the carpet (A).

- 1 Remove the clips (B).
- 2 Detach the clips (C), then pull back the trunk floor mat (D).
- 3 Release the fasteners (E), then pull back the carpet from under the dashboard.
- 4 Remove both rear seat belts (F) through the slit in the carpet, and release the fasteners (G) for both rear side trim panels.

#### Fastener Locations

B▷ : Clip, 2    C▷ : Clip, 2



(cont'd)

Carpet Replacement (cont'd)

4. Install the carpet in the reverse order of removal, and note these items:
- Take care not to damage, wrinkle or twist the carpet.
  - Make sure the seat harnesses are routed correctly.
  - Replace any damaged clips.
  - Slip both rear seat belts through the slit in the carpet properly.



## Dashboard

### Instrument Panel Removal/Installation

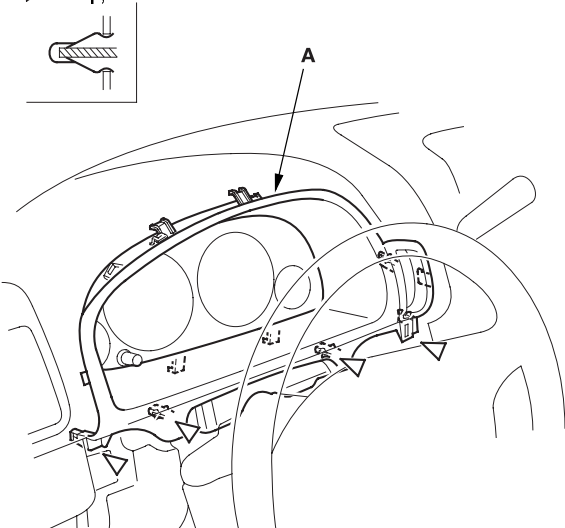
#### NOTE:

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts to prevent damage.
- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove the driver's dashboard lower cover (see [page 20-88](#)).
2. Remove the steering column upper cover (see [page 17-24](#)).
3. Gently pull out the instrument panel (A) along the bottom to release the clips.

#### Fastener Locations

▷ : Clip, 4

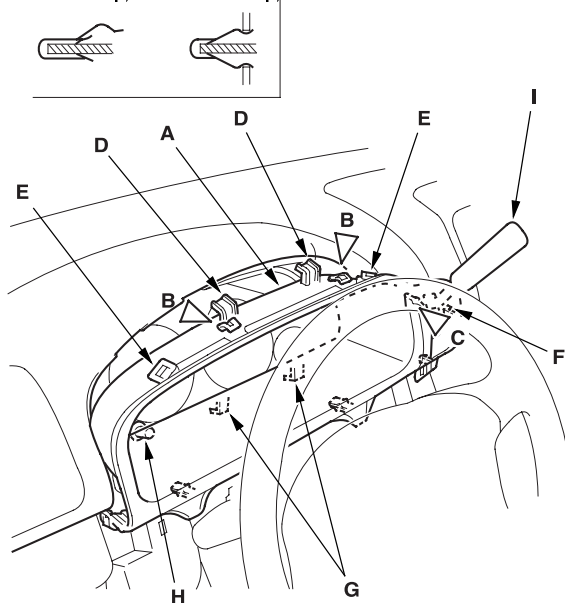


4. Remove the instrument panel (A).

- 1 Gently pull out the upper portion of the instrument panel to release the clips (B, C) and hooks (D, E, F, G).
- 2 Gently pull out on the panel being careful not bend the trip/reset (H) and dash lights brightness controller (for some models).
- 3 On A/T model, slip the shift knob (I) through the hole in the instrument panel.

#### Fastener Locations

B▷ : Clip, 2    C▷ : Clip, 1



5. Install the panel in the reverse order of removal.

## Driver's Dashboard Lower Cover Removal/Installation

### NOTE:

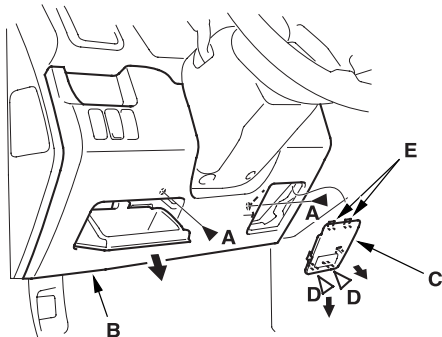
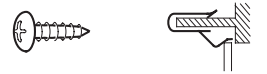
- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

### 1. Remove the screws (A) from the driver's dashboard lower cover (B).

- 1 Pull out the bottom of the fuse lid (C) to release the clips (D), and pull it down to release the hooks (E).
- 2 Remove the screw from the fuse lid opening.
- 3 Open the pocket, then remove the screw.

#### Fastener Locations

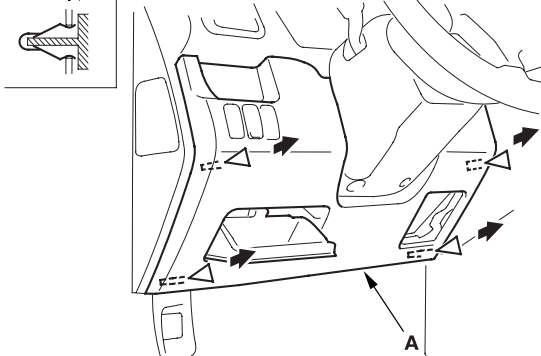
A ▶ : Screw, 2    D ▶ : Clip, 2



### 2. Pull out the bottom of the driver's dashboard lower cover (A) to release the clips.

#### Fastener Locations

▶ : Clip, 4

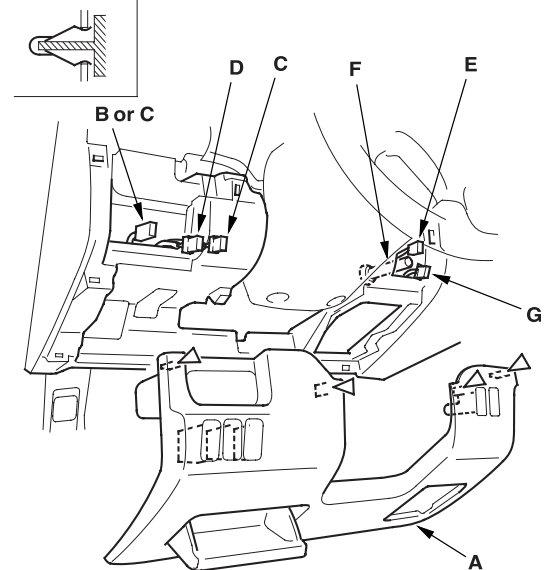


### 3. Remove the driver's dashboard lower cover (A).

- 1 Pull out the upper portions of the cover to release the clips.
- 2 If equipped, disconnect the headlight adjuster switch connector (B), cruise control main switch connector (C), sunroof switch connector (D), in-car temperature sensor connector (E), air hose (F), and seat heater switch connector (G).

#### Fastener Locations

▶ : Clip, 4



### 4. Install the cover in the reverse order of removal, and make sure that each connector is plugged in properly, and the air hose is connected properly.





## Driver's Dashboard Under Cover Removal/ Installation

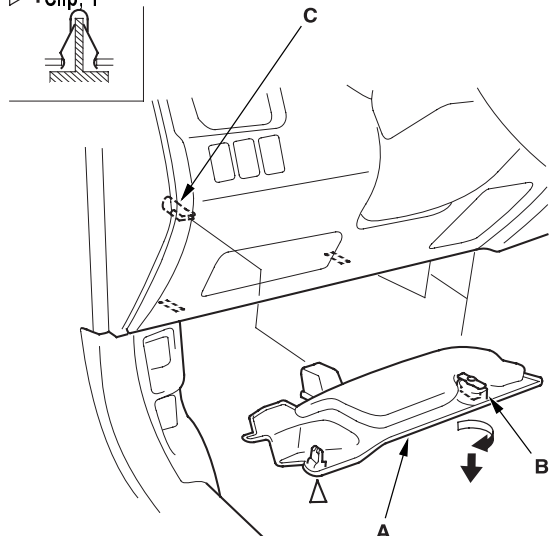
### NOTE:

- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove the driver's dashboard under cover (A).
  - 1 Turn the lock knob (B) 90°.
  - 2 Gently pull down the rear edge to release the clip.
  - 3 Pull the cover away to release it from the clip (C).

### Fastener Location

▷ : Clip, 1



2. Install the cover in the reverse order of removal.

## Dashboard Center Panel Removal/ Installation

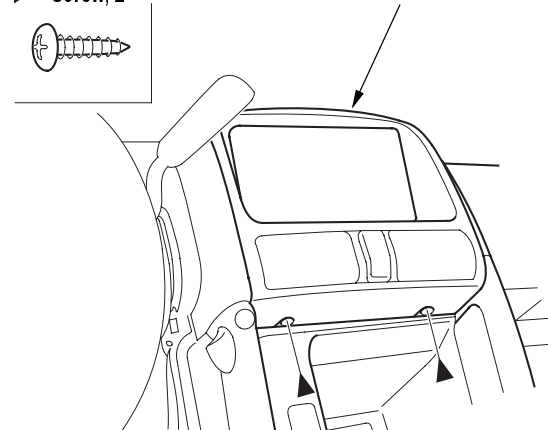
### NOTE:

- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove the screws from the bottom of the dashboard center panel (A).

### Fastener Locations

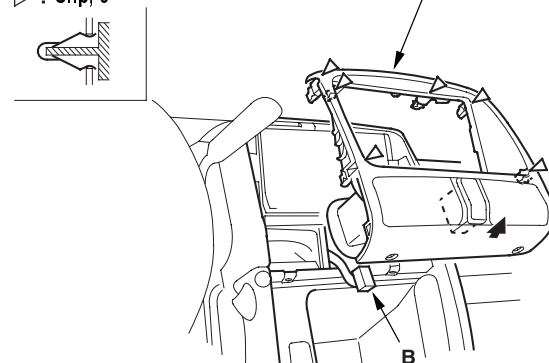
► : Screw, 2



2. Pull out on the bottom of the dashboard center panel (A) to make a gap between the dashboard and panel. Gently pull out along the panel to release the clips, then remove the panel. Disconnect the hazard warning switch connector (B).

### Fastener Locations

▷ : Clip, 6



3. Install the panel in the reverse order of removal, and make sure the hazard warning switch connector is plugged in properly.

## Dashboard Center Tray Removal/Installation

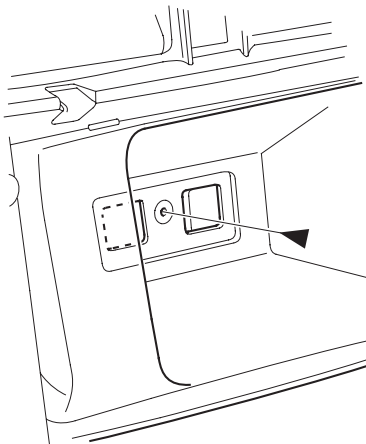
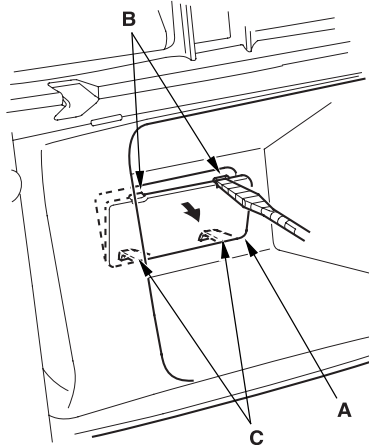
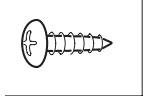
### NOTE:

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts to prevent damage.
- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove the dashboard center panel (see page 20-89).
2. Using a flat-tip screwdriver, pry out the upper portion of the lid (A) to release the hooks (B), and release the bottom hooks (C), then remove the lid. Remove the screw.

### Fastener Location

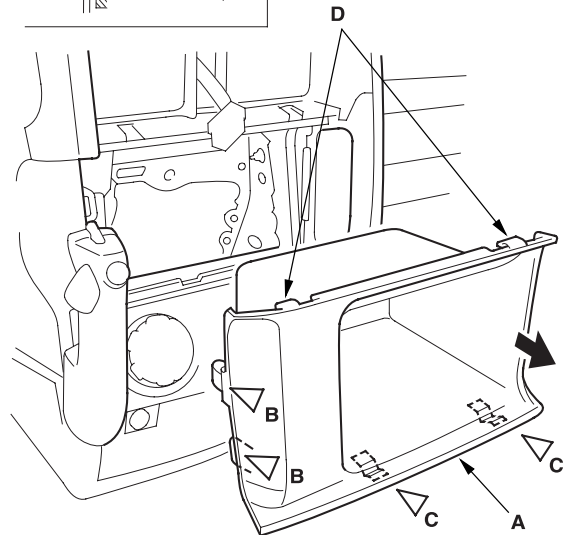
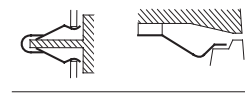
► : Screw, 1



3. Hold the screw mounting portion of the dashboard center tray (A) by hand, and pull out the tray to release the clips (B, C) and hooks (D), then remove it.

### Fastener Locations

B► : Clip, 2    C► : Clip, 2



4. Install the tray in the reverse order of removal.



## Heater Control Panel Removal/Installation

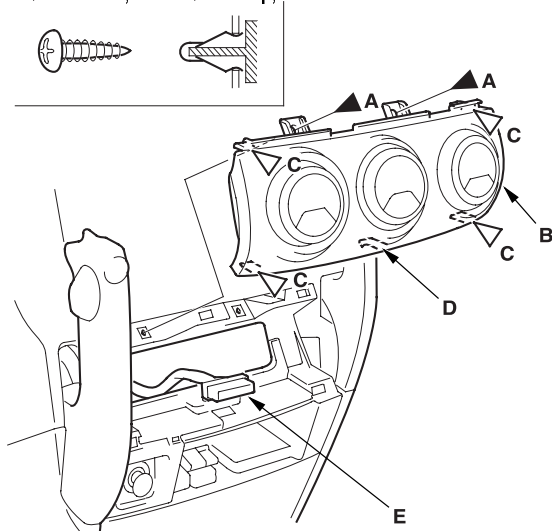
### NOTE:

- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove the dashboard center tray (see page 20-90).
2. Pull the parking brake lever.
3. Remove the screws (A), and pull out the heater control panel (B) to release the clips (C) and hook (D). Disconnect the heater control unit connector (E), then remove the heater control panel.

### Fastener Locations

A ► : Screw, 2    C ► : Clip, 4



4. Install the panel in the reverse order of removal, and make sure the heater control unit connector is plugged in properly.

## Dashboard Center Lower Cover Removal/Installation - A/T

SRS components are located in this area. Review the SRS component locations (see page 23-14) and precautions and procedures (see page 23-16) in the SRS section before performing repairs or service.

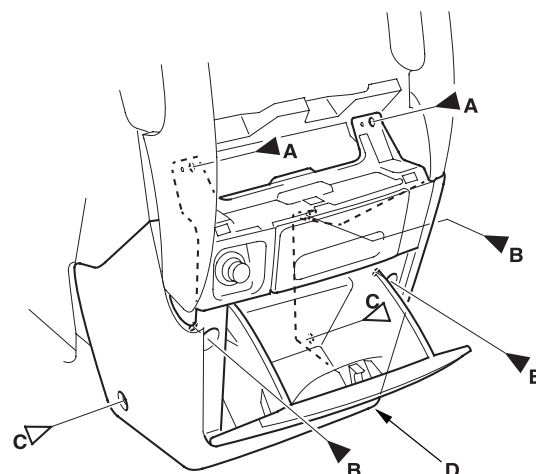
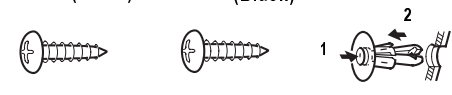
### NOTE:

- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove these items:
  - Passenger's dashboard under cover (see page 20-95)
  - Heater control panel
2. Open the pocket. Remove the screws (A, B) and clips (C) from the dashboard center lower cover (D).

### Fastener Locations

A ► : Screw, 2 (Silver)    B ► : Screw, 3 (Black)    C ► : Clip, 2



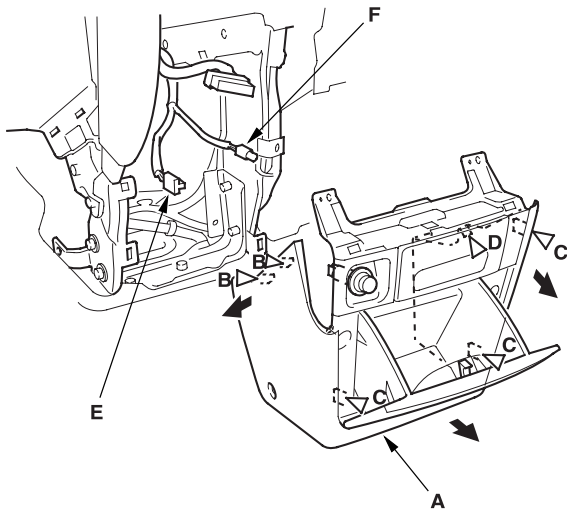
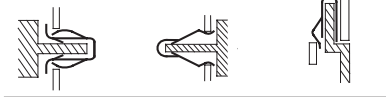
(cont'd)

### Dashboard Center Lower Cover Removal/Installation - A/T (cont'd)

3. Remove the dashboard center lower cover (A).
  - 1 Pull out the parking brake lever portion of the cover to release the clips (B).
  - 2 Pull out the cover to release the clips (C, D).
  - 3 Disconnect the cigaret lighter connector (E) and ashtray light bulb socket (F) (for some models).

#### Fastener Locations

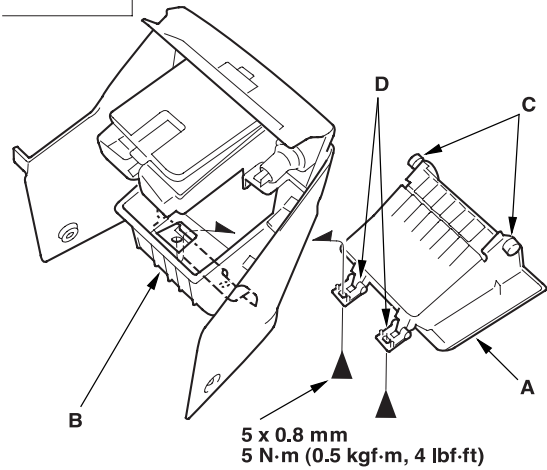
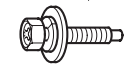
B ▷ : Clip, 2    C ▷ : Clip, 3    D ▷ : Clip, 1



4. If necessary, remove the pocket (A) from the dashboard center lower cover (B).
  - 1 Remove the bolts.
  - 2 Release the stops (C) from the cover.
  - 3 Pull out the hinges (D) from the cover.

#### Fastener Locations

▶ : Bolt, 2



5. Install the cover in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Make sure the cigaret lighter connector is plugged in properly and the ashtray light bulb socket is connected properly.



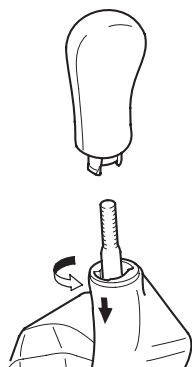
## Dashboard Center Lower Cover Removal/Installation - M/T

SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

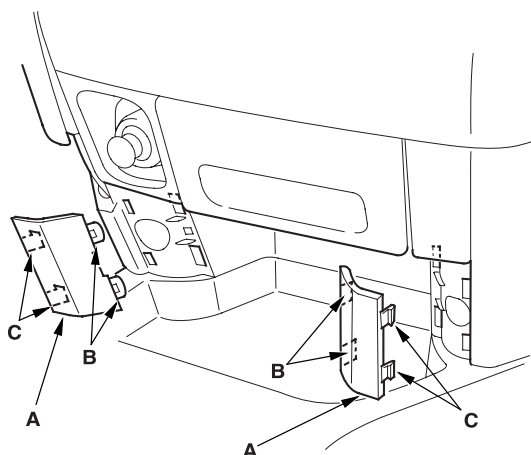
### NOTE:

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts to prevent damage.
- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove these items:
  - Front seat center table ([see page 20-106](#))
  - Passenger's dashboard under cover ([see page 20-95](#))
  - Heater control panel ([see page 20-91](#))
2. Remove the shift knob.



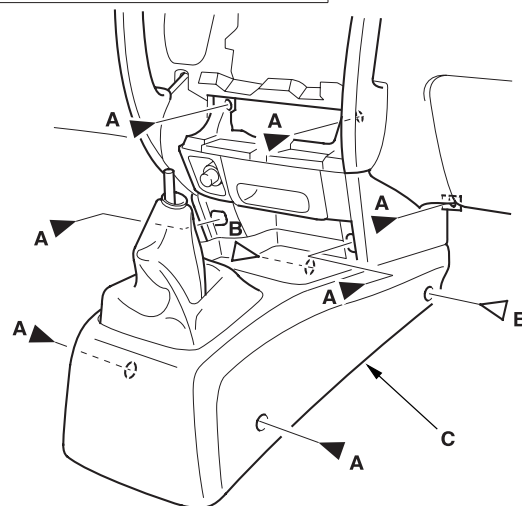
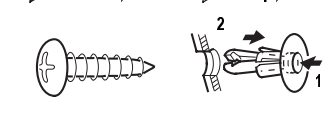
3. Using a flat-tip screwdriver, pry out the inside edge of the caps (A) to release the hooks (B), and pull out the caps to release the hooks (C), then remove the caps from both sides.



4. Remove the screws (A) and clips (B) from the dashboard center lower cover (C).

### Fastener Locations

A ▶ : Screw, 7    B ▶ : Clip, 2



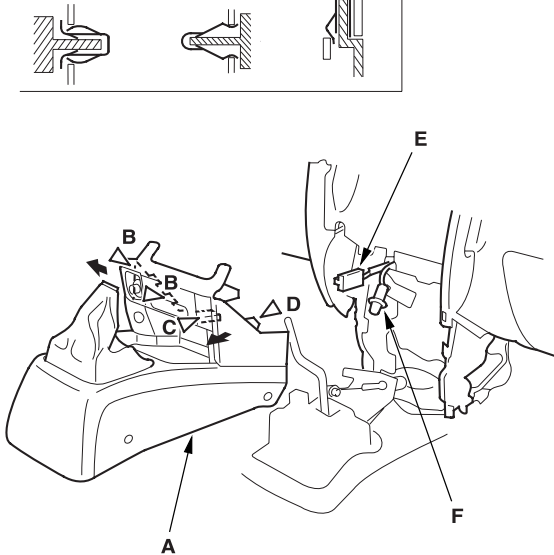
(cont'd)

# Dashboard Center Lower Cover Removal/Installation - M/T (cont'd)

5. Remove the dashboard center lower cover (A).
  - 1 Pull out the parking brake lever portion of the cover to release the clips (B).
  - 2 Pull out the cover to release the clips (C, D).
  - 3 Disconnect the cigaret lighter connector (E) and ashtray light bulb socket (F) (for some models).

## Fastener Locations

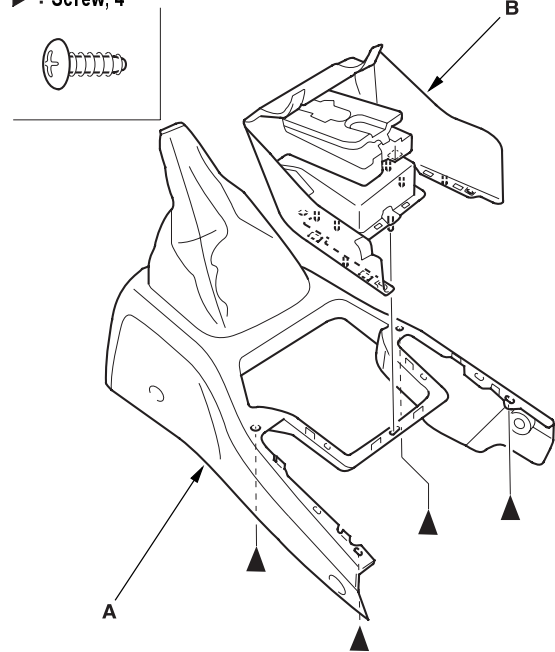
B▷ : Clip, 2    C▷ : Clip, 1    D▷ : Clip, 1



6. If necessary, remove the screws, then separate the center console (A) and center lower cover (B).

## Fastener Locations

▷ : Screw, 4



7. Install the cover in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Make sure the cigaret lighter connector is plugged in properly and the ashtray light bulb socket is connected properly.



## Passenger's Dashboard Under Cover Removal/Installation

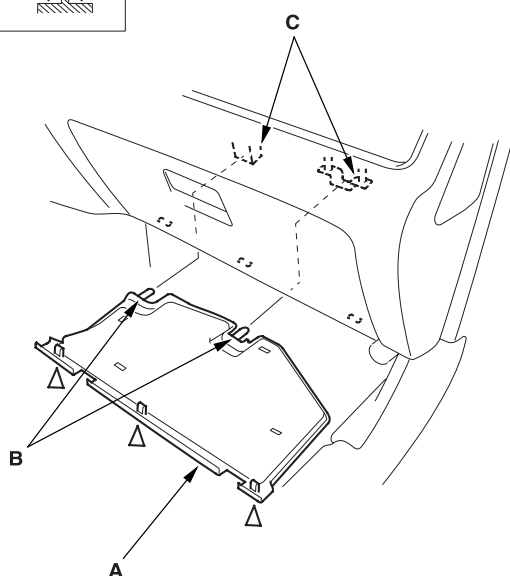
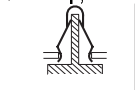
### NOTE:

- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

1. Remove the passenger's dashboard under cover (A).
  - 1 Gently pull down the rear edge to release the clips.
  - 2 Pull the cover away to release the pins (B) from the holders (C).

### Fastener Locations

▷ : Clip, 3



2. Install the cover in the reverse order of removal.

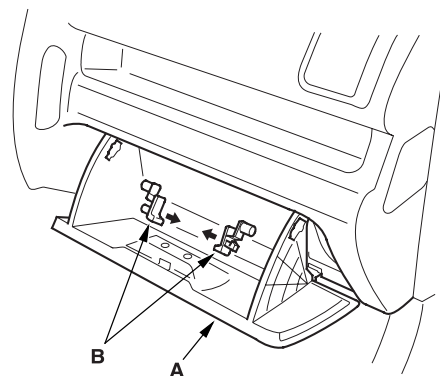
## Glove Box Removal/Installation

SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

### NOTE:

- Take care not to scratch the dashboard and related parts.
- LHD is shown, RHD is symmetrical.

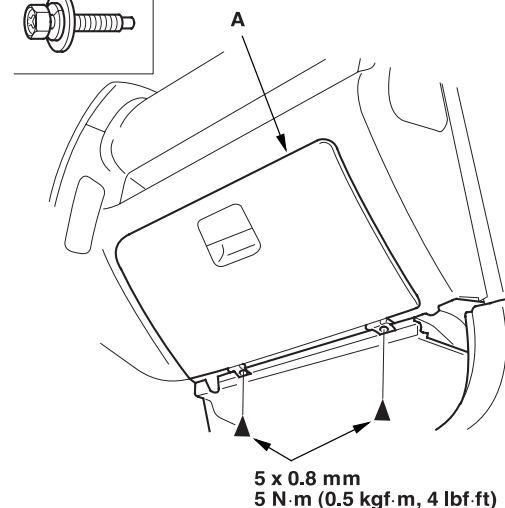
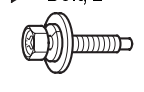
1. While holding the glove box (A), remove the glove box stop (B) on each side.



2. Remove the bolts, then remove the glove box (A).

### Fastener Locations

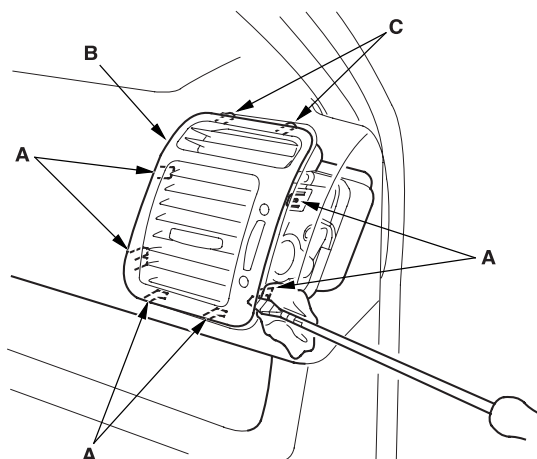
► : Bolt, 2



3. Install the glove box in the reverse order of removal.

## Dashboard Side Vent Removal/Installation

1. Wrap a flat-tip screwdriver with protective tape, and apply protective tape around the related parts to prevent damage. Carefully insert a flat-tip screwdriver next to the clip (A), and detach the clips by prying on the side vent (B). Take care not to scratch the dashboard and related parts.



2. Remove the vent by releasing the hooks (C).
3. Reinstall the hook portions of the vent first, then push the clip portions into place securely.

## Dashboard Removal/Installation

SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

### NOTE:

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts to prevent damage.
- Have an assistant help you when removing and installing the dashboard.
- Take care not to scratch the dashboard, body and other related parts.
- Put on gloves to protect your hands.

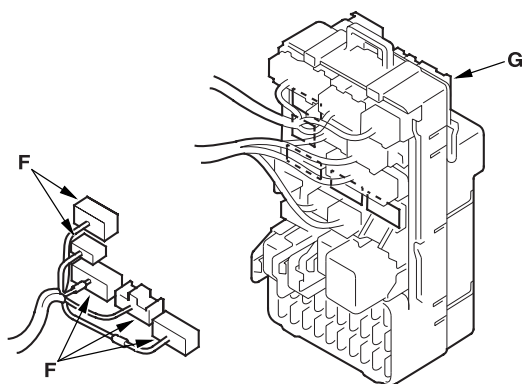
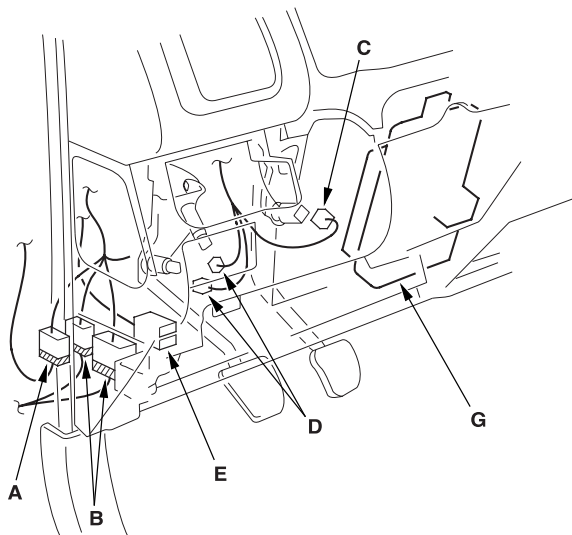
1. If equipped, make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Disconnect the negative battery cable, and wait at least three minutes before beginning work.
3. Remove these items:
  - Driver's dashboard lower cover ([see page 20-88](#))
  - Driver's dashboard under cover ([see page 20-89](#))
  - Glove box ([see page 20-95](#))
  - Passenger's dashboard under cover ([see page 20-95](#))
  - Dashboard center lower cover, A/T ([see page 20-91](#)), M/T ([see page 20-93](#))
  - Passenger's side vent ([see page 20-96](#))
  - Front pillar trim, both sides ([see page 20-76](#))
  - Kick panels, both sides ([see page 20-76](#))
  - Steering column ([see page 17-24](#))
  - Parking brake lever ([see page 19A-42](#))
  - A/T model only: Disconnect the A/T control cable ([see page 14-157](#))





## Driver's side:

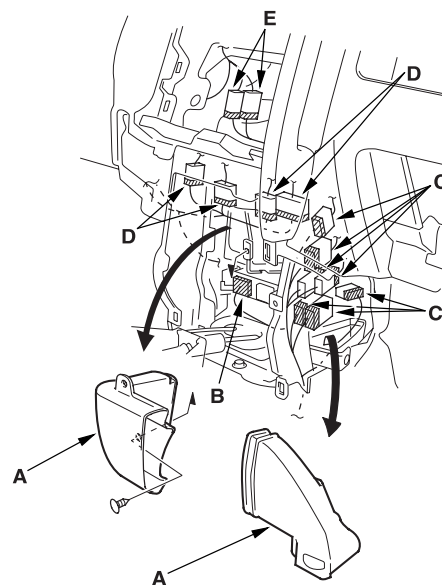
4. Front under the dash, disconnect the interior wire harness connector (A), driver's door wire harness connectors (B), brake switch connector (C) and clutch switch connector (D) (on MT model). Remove the relay (E) from the bracket, and disconnect the engine compartment wire harness connectors (F) from the under-dash fuse/relay box (G). LHD is shown, RHD is similar.



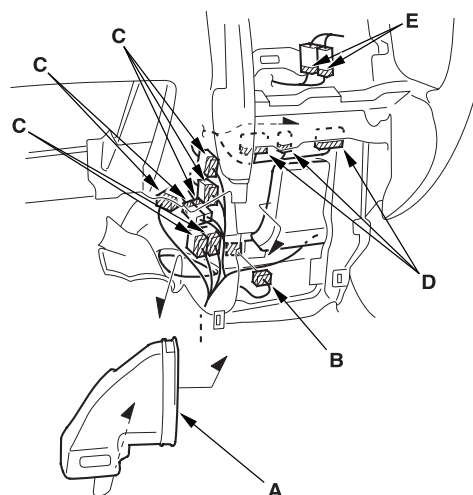
## Middle portion:

5. Remove the rear heater joint ducts (A). Disconnect the SRS control unit connector (B), floor wire harness connectors (C), engine compartment wire harness connectors (D), and heater sub harness connectors (E).

### LHD:



### RHD:



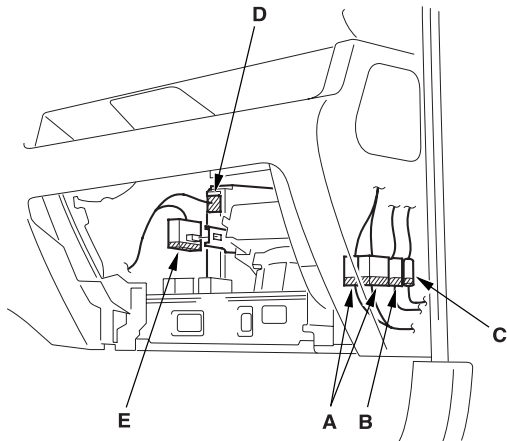
(cont'd)

## Dashboard Removal/Installation (cont'd)

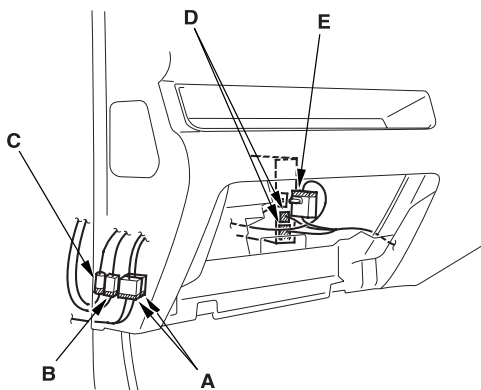
### Passenger's side:

- From under the dash, disconnect the passenger's door wire harness connectors (A), roof antenna connector (B), antenna lead (C), ECM/PCM connector (D), and engine wire harness connector (E).

LHD:



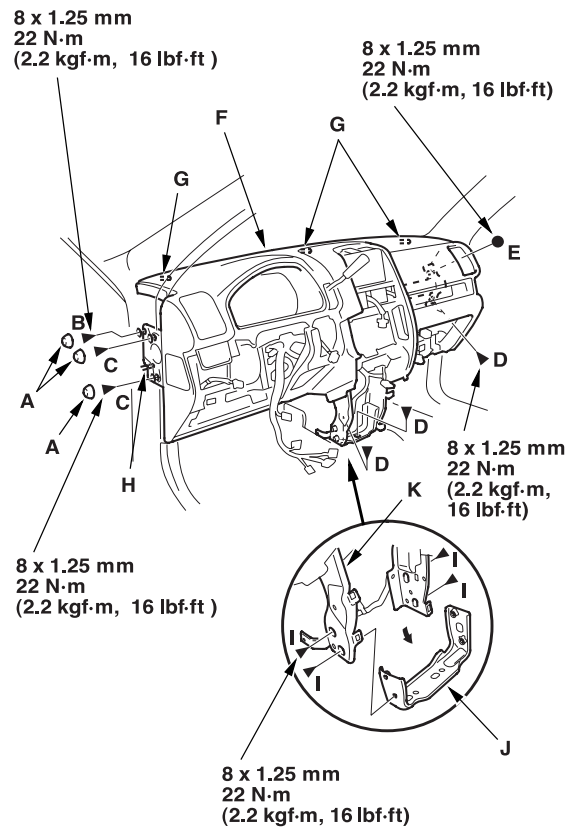
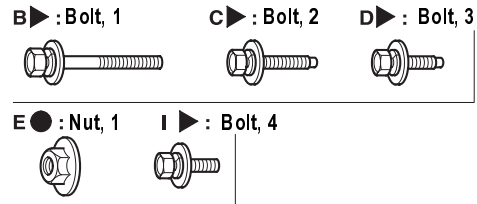
RHD:



- Detach all of the harness and connector clips.

- From outside the driver's door, remove the caps (A), then remove the bolts (B, C, D) and nut (E), and lift up on the dashboard (F) to release it from the guide pins (G, H) on the body. When pulling the dashboard out, remove the center frame mounting bolts (I), then remove the center bracket (J) from the center frame (K). LHD is shown, RHD is symmetrical.

### Fastener Locations



- Carefully remove the dashboard through the front door opening.
- A/T model only: Remove the center bracket from the center frame.



## Steering Hanger Beam Replacement

11. Install the dashboard in the reverse order of removal, and note these items:
  - Make sure the dashboard fits onto the guide pins correctly.
  - Apply liquid thread lock to the center frame mounting bolts before reinstallation.
  - Reinstall the center bracket on the center frame, and slightly tighten the mounting bolts. Reinstall the dashboard on the body. After tightening both dashboard mounting bolts and nut, tighten the center bracket mounting bolts and center frame mounting bolts.
  - Before tightening the bolts, make sure each wire harness is not pinched.
  - Make sure the connectors are plugged in properly, and the antenna lead is connected properly.
  - Reconnect the negative cable to battery.
  - If equipped, enter the anti-theft code for the radio, then enter the customer's radio station presets.

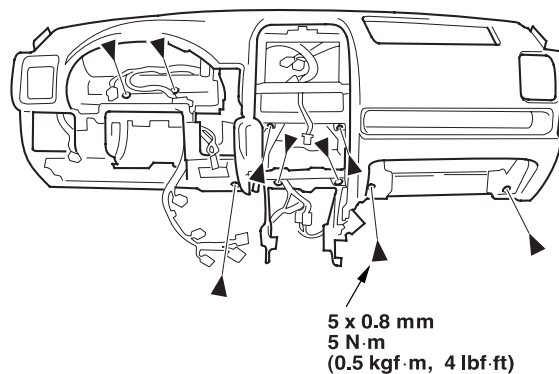
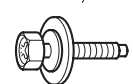
### NOTE:

- Have an assistant help you when removing and installing the steering hanger beam.
- Take care not to scratch the dashboard.
- Put on gloves to protect your hands.
- LHD is shown, RHD is symmetrical.

1. Remove the dashboard ([see page 20-96](#))
2. Remove these items from the dashboard:
  - Instrument panel ([see page 20-87](#))
  - Gauge assembly ([see page 22A-74](#))
  - Shift lever, A/T ([see page 14-152](#))
  - AVN unit, for some models ([see page 22B-26](#))
  - Audio unit ([see page 22A-118](#))
  - Passenger's airbag ([see page 23-136](#))
  - Sunlight sensor, auto A/C ([see page 21-91](#))
3. Remove the bolts from the dashboard.

### Fastener Locations

► : Bolt, 9



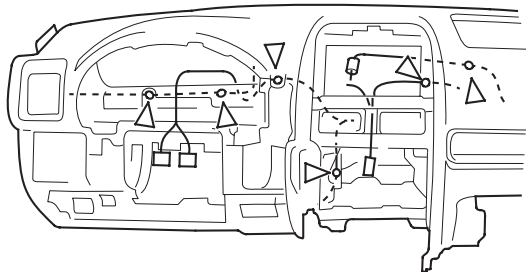
(cont'd)

Steering Hanger Beam Replacement (cont'd)

4. Detach the harness clips.

Fastener Locations

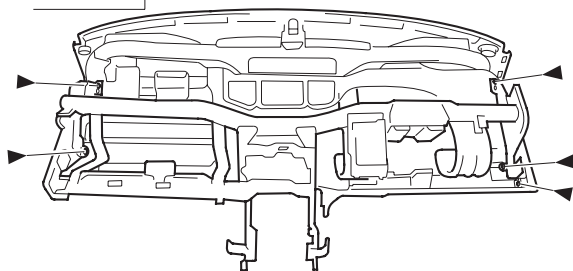
▷ : Harness Clip



5. From the back of the dashboard, remove the screws.

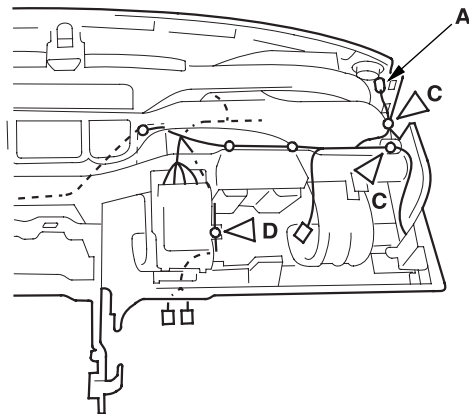
Fastener Locations

► : Screw, 5

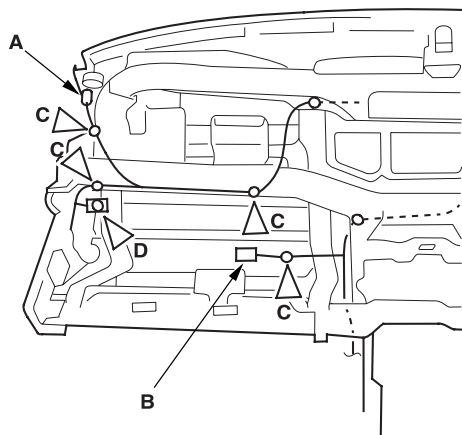


6. From the back of the dashboard, disconnect the tweeter connectors (A) (for some models) from both sides and the glove box light connector (B) (for some models), and detach the harness clips (C) and harness holders (D).

Driver's side:

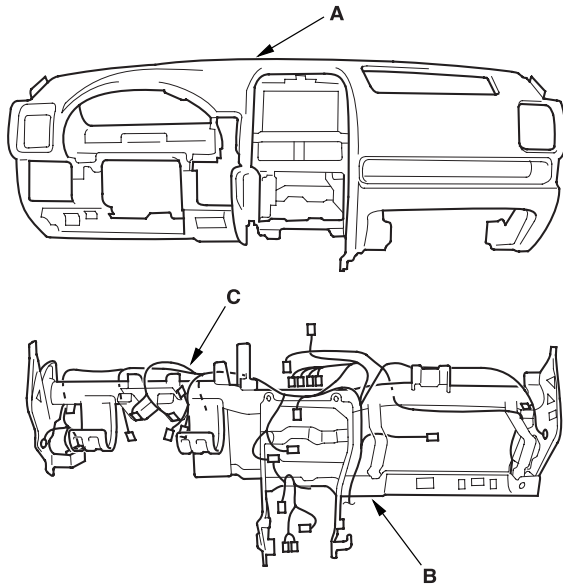


Passenger's side:





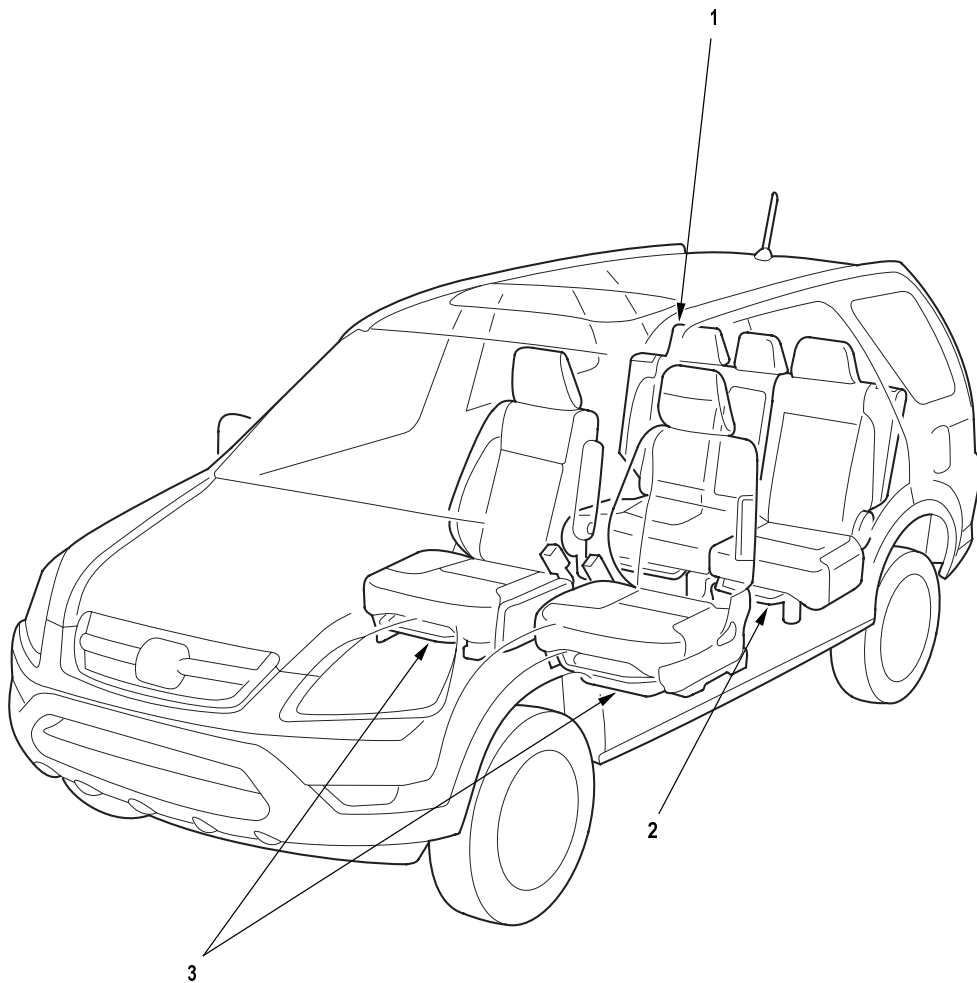
7. With the help of an assistant, separate the dashboard (A) and steering hanger beam (B).



8. Install the beam in the reverse order of removal, and note these items:
  - Make sure the dashboard wire harness (C) is not pinched.
  - Make sure the connectors are plugged in properly.

## Seats

### Component Location Index



- |   |                        |   |
|---|------------------------|---|
| 1 | <b>RIGHT REAR SEAT</b> | Removal/Installation, <a href="#">page 20-114</a> ; Armrest Replacement, <a href="#">page 20-115</a> ; Armrest Cover Replacement, <a href="#">page 20-116</a> ; Seat Cover Replacement, <a href="#">page 20-117</a> ; Lock Control Cable Replacement, <a href="#">page 20-127</a> ; Seat-back Latch Lever replacement, <a href="#">page 20-128</a>  |
| 2 | <b>LEFT REAR SEAT</b>  | Removal/Installation, <a href="#">page 20-114</a> ; Seat Cover Replacement, <a href="#">page 20-123</a> ; Seat-back Latch Lever Replacement, <a href="#">page 20-128</a>  |
| 3 | <b>FRONT SEAT</b>      | Removal/Installation, <a href="#">page 20-103</a> ; Center Table Replacement, <a href="#">page 20-106</a> ; Armrest Replacement, <a href="#">page 20-107</a> ; Disassembly/Reassembly-with manual height adjustable, <a href="#">page 20-108</a> ; Disassembly/Reassembly-without manual height adjustable, <a href="#">page 20-109</a> ; Seat Cover Replacement, <a href="#">page 20-110</a> |



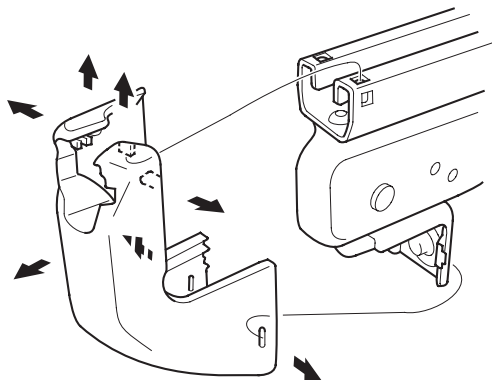
## Front Seat Removal/Installation

For some models: SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

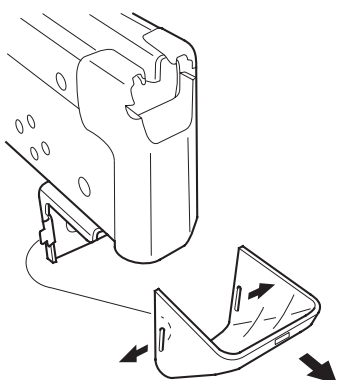
### NOTE:

- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
  - Take care not to scratch the body or tear the seat covers.
  - Put on gloves to protect your hands.
  - LHD is shown, RHD is symmetrical.
1. If equipped, make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
  2. If equipped with a side airbag, disconnect the negative battery cable, and wait at least 3 minutes before beginning work.
  3. Remove the front seat track end covers from the front of both seat tracks.

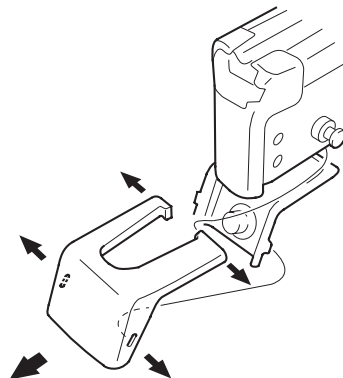
Driver's:



Passenger's:

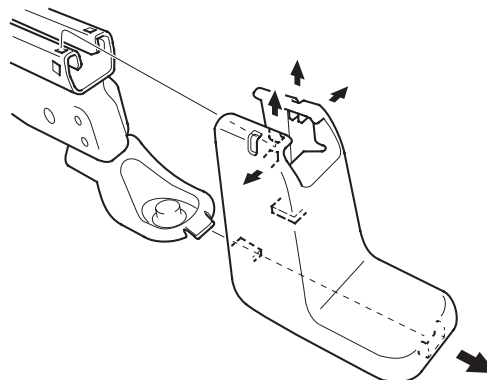


4. Remove the rear outer seat track end cover.

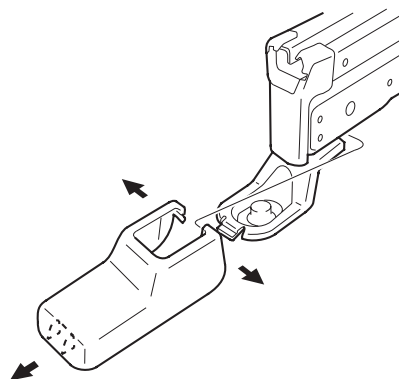


5. Remove the rear inner seat track end cover.

Driver's:



Passenger's:



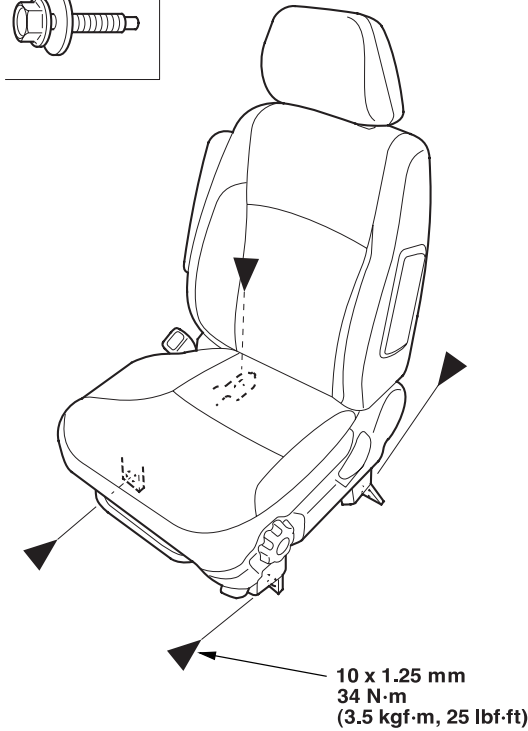
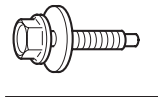
(cont'd)

Front Seat Removal/Installation (cont'd)

6. Remove the bolts securing the front seat.

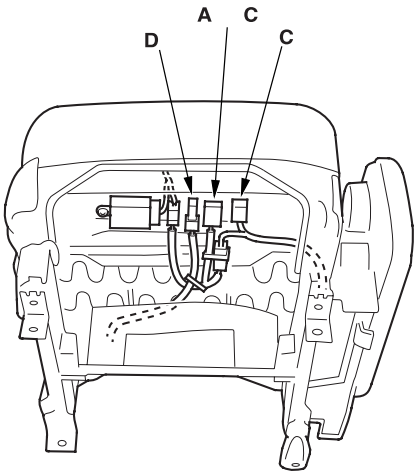
Fastener Locations

► : Bolt, 4

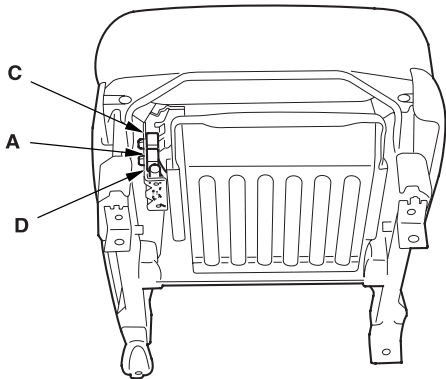


7. For some models: Lift up the front seat, disconnect the seat sub harness connector (A) or the seat belt switch connector (B), the seat belt buckle tensioner connector (C), and the side airbag connector (D). RHD is shown, LHD is symmetrical.

Driver's:



Passenger's:







8. Remove the headrest.
9. With the help of an assistant, carefully remove the front seat through the front door opening.
10. Install the seat in the reverse order of removal, and note these items:
  - Make sure each connector is plugged in properly.
  - If equipped with a side airbag, reconnect the negative cable to the battery.
  - If equipped, enter the anti-theft code for the radio, then enter the customer's radio station presets.

## Front Seat Center Table Replacement

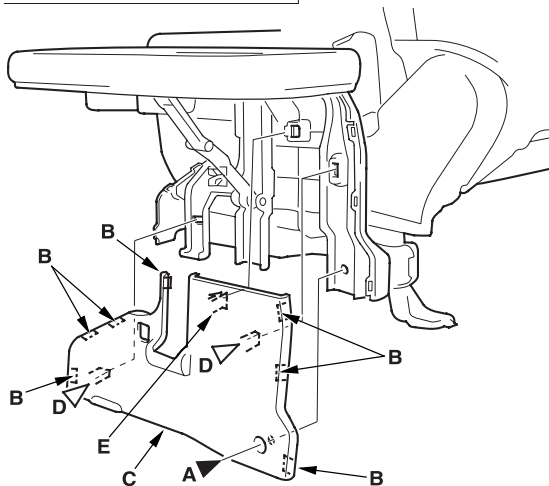
### NOTE:

- Take care not to scratch the dashboard, tear the seams or damage the seat covers.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Put on gloves to protect your hands.
- A/T models are shown, and M/T models are similar.

1. Set up the table.
2. Remove the screw (A), release the tabs (B), and pull the outer cover (C) back to detach the clips (D) and hooks (E), then remove it.

### Fastener Locations

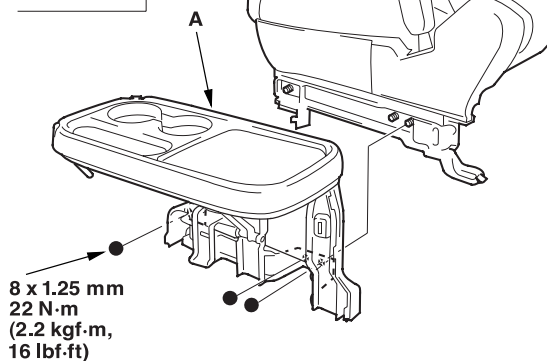
A ► : Screw, 1    D ► : Clip, 2



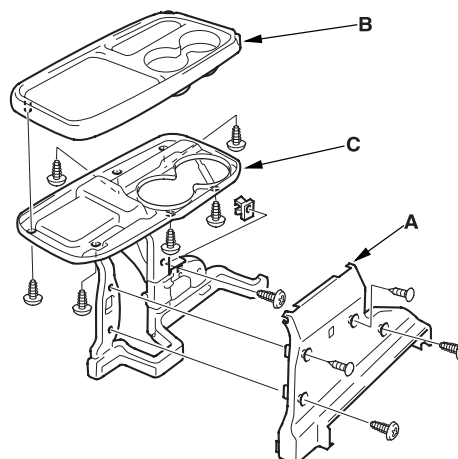
3. Remove the nuts, then remove the center table (A).

### Fastener Locations

● : Nut, 3



4. Remove the inner cover (A) and the center table cover (B) from the center table frame (C).



5. Install the table in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Push the clip, hook, and tab portions into place securely.



## Front Seat Armrest Replacement

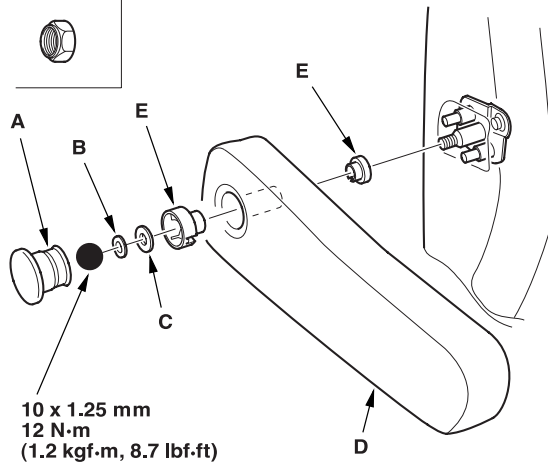
### For Some Models

NOTE: Take care not to tear the seams or damage the seat covers.

1. Remove the cap (A).

Fastener Location

● : Nut, 1

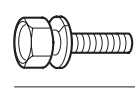


2. Remove the nut, the washer (B), and the wave washer (C), then remove the armrest (D). If necessary, remove the bushings (E) from the armrest.

3. Remove the bolts, then remove the armrest bracket (A).

Fastener Locations

► : Bolt, 2



4. Install the armrest in the reverse order of removal.

## Front Seat Disassembly/Reassembly - With Manual Height Adjustable

For some models: SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

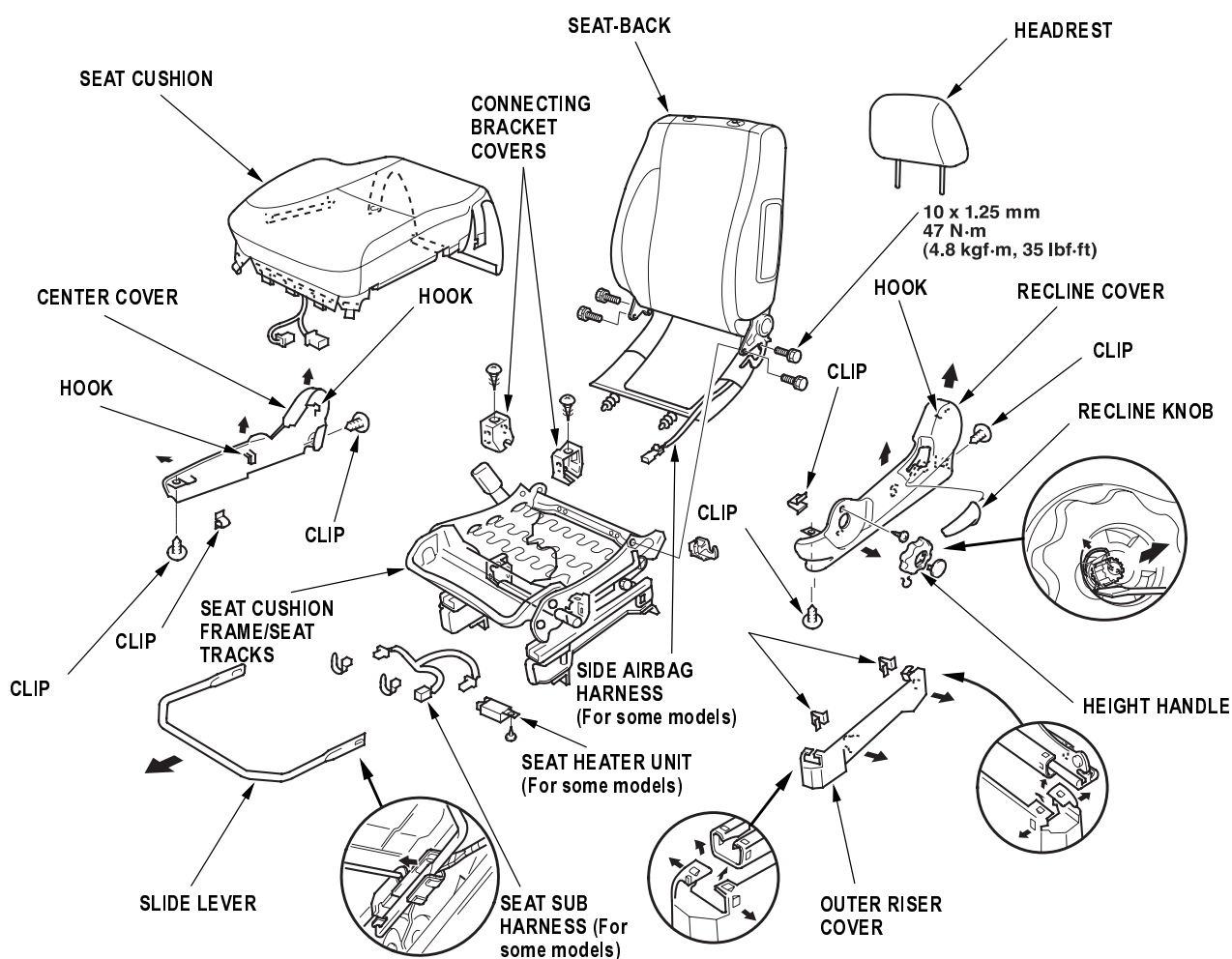
### NOTE:

- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- The left side seat is shown, the right side seat is symmetrical.

Disassemble the seat as shown. For seat cushion removal and installation procedures, refer to Front Seat Cover Replacement ([see page 20-112](#)).

Reassemble the seat in the reverse order of disassembly, and note these items:

- Apply multipurpose grease to the moving portion of the seat track.
- To prevent wrinkles in the seat cushion cover, stretch the material evenly over the pad.





## Front Seat Disassembly/Reassembly - Without Manual Height Adjustable

For some models: SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

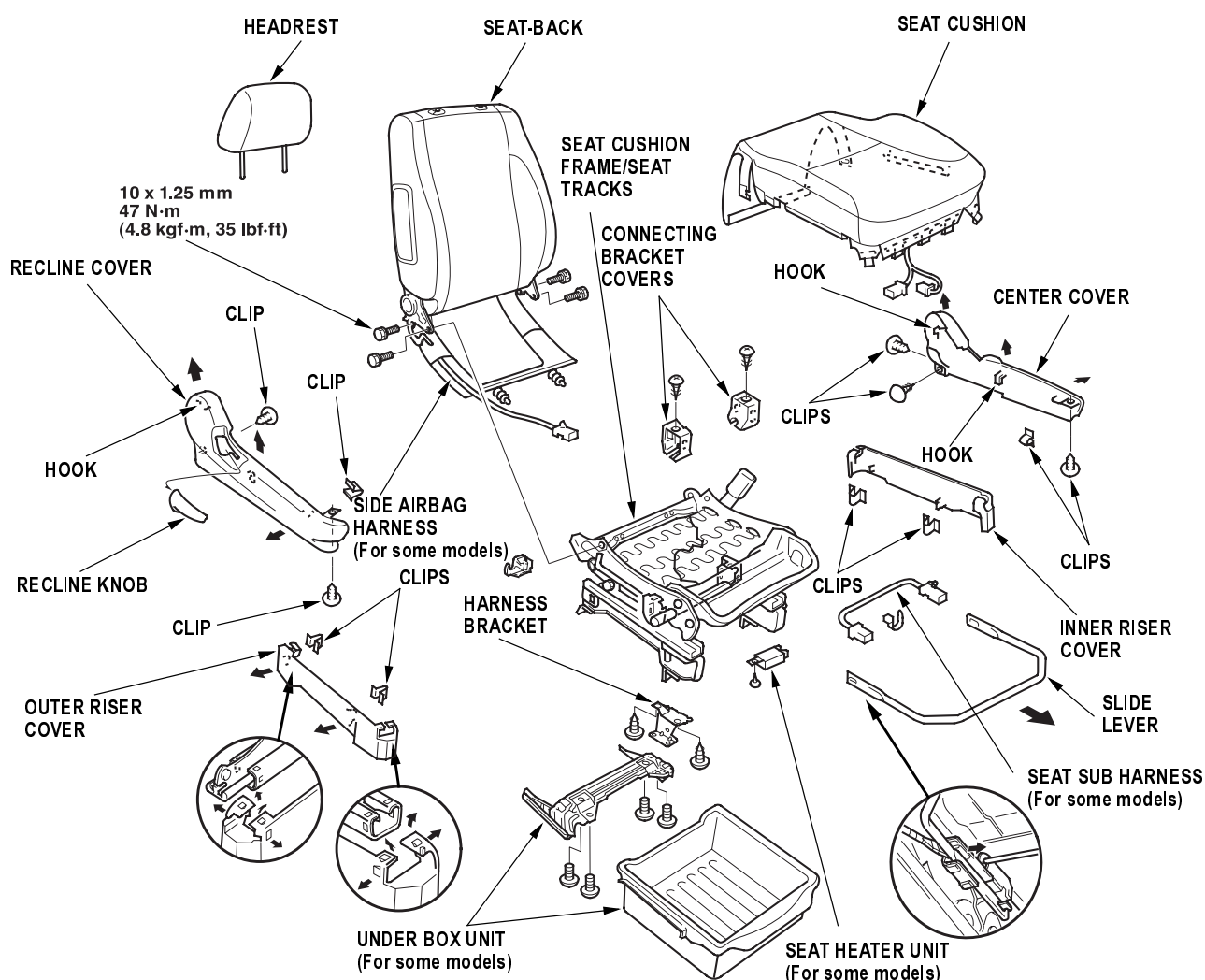
### NOTE:

- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- The right side seat is shown, the left side seat is symmetrical.

Disassemble the seat as shown. For seat cushion removal and installation procedures, refer to Front Seat Cover Replacement ([see page 20-112](#)).

Reassemble the seat in the reverse order of disassembly, and note these items:

- Apply multipurpose grease to the moving portion of the seat track.
- To prevent wrinkles in the seat cushion cover, stretch the material evenly over the pad.



## Front Seat Cover Replacement

For some models: SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

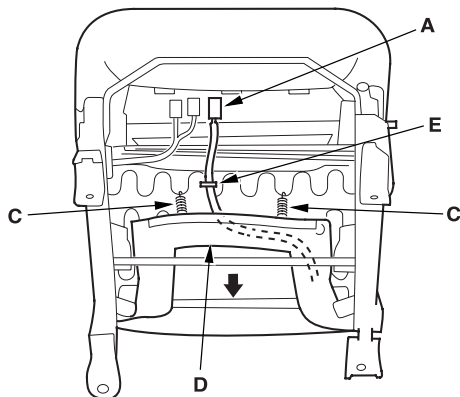
### NOTE:

- Take care not to tear the seams or damage the seat covers.
- On the passenger's seat with side airbag, do not touch the OPDS sensor in the seat-back pad, and keep it away from oil. Oil can corrode the sensor causing it to fail.
- Put on gloves to protect your hands.

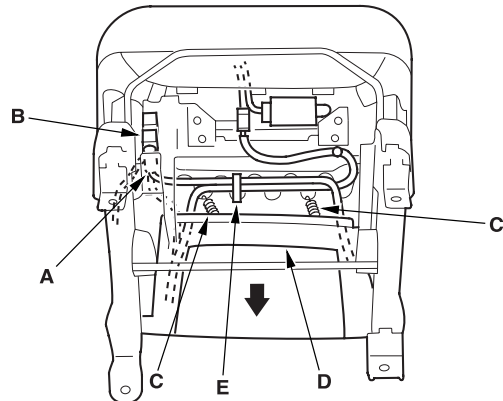
### Seat-back Cover

1. Remove the front seat ([see page 20-103](#)).
2. If equipped, remove the armrest ([see page 20-107](#)).
3. With side airbag: From under the seat cushion, detach the side airbag connector clip (A), and from under the passenger's eat cushion on some RHD models, detach the seat sub harness connector clip (B). Release the hook springs (C), pull the seat cushion cover (D) back, then remove the harness bands (E). The passenger's seat on RHD model is shown, and the passenger's seat on LHD model is symmetrical except it has no OPDS unit.

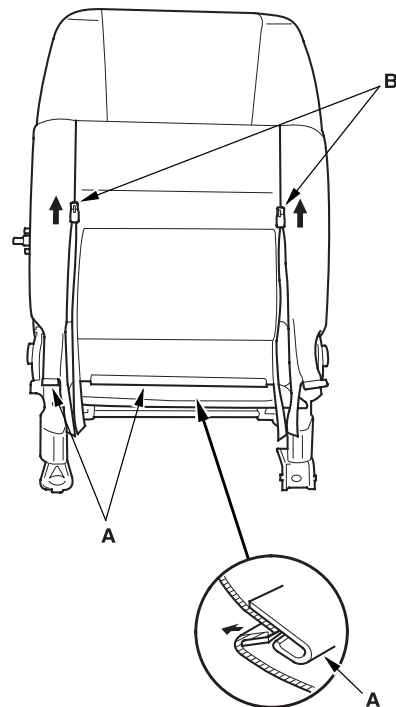
Driver's (LHD):



Passenger's (RHD):

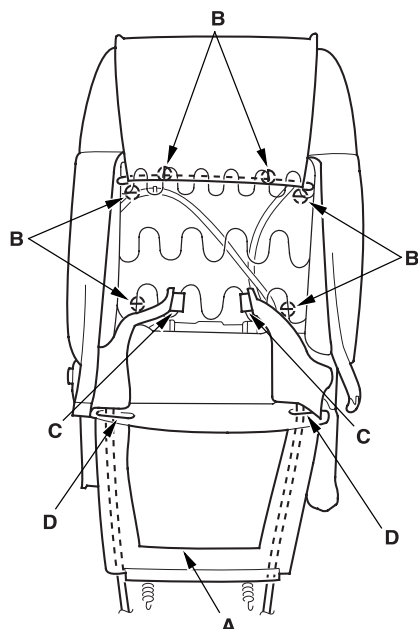


4. Fold the seat-back forward.
5. With side airbag: Release the hooks (A), and unzip the seat-back cover (B).

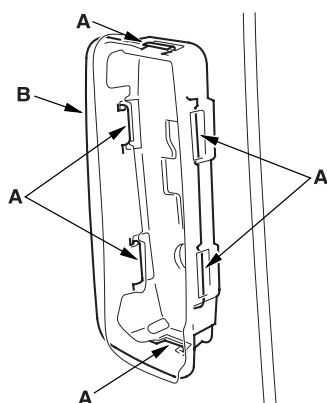




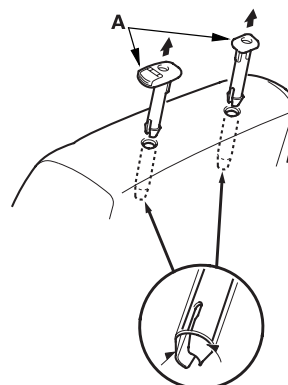
6. Turn over the seat back cover (A), release the inside springs (B) and hooks (C). Pull the side airbag harness, and if equipped, the OPDS unit harness out through the holes (D) in the seat-back cover.



7. With side airbag: Remove the side airbag (see [page 23-137](#)), and release the hooks (A) from the airbag module holder (B).



8. Pull out the headrest guides (A) while pinching the end of the guides, and remove them.



9. Pull back the seat-back cover all the way around, then remove it.

10. Install the cover in the reverse order of removal, and note these items:

- To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the clips, hooks, and inside springs.
- Make sure the side airbag harness is routed properly.
- If necessary, reinitialize the OPDS control unit ([see page 23-30](#)).

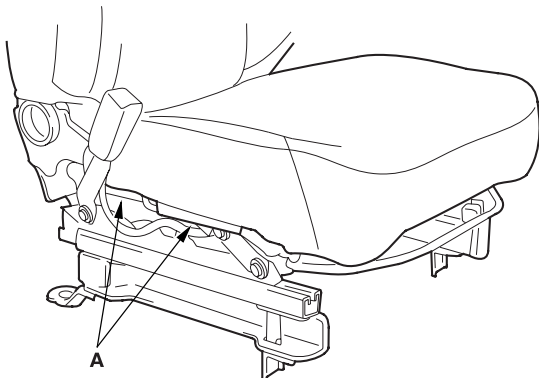
(cont'd)

## Front Seat Cover Replacement (cont'd)

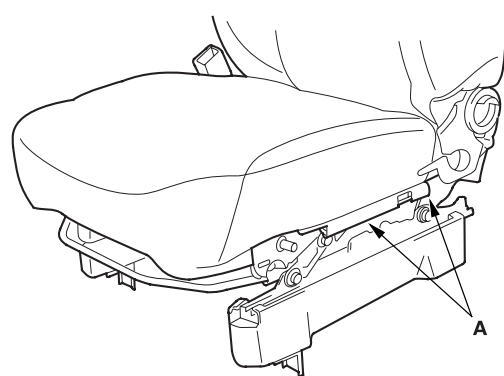
### Seat Cushion Cover

1. Remove the front seat (see page 20-103).
2. Remove these items from the front seat:
  - Center table (see page 20-106)
  - Recline cover, driver's seat (see page 20-108), passenger's seat (see page 20-109)
  - Center cover, driver's seat (see page 20-108), passenger's seat (see page 20-109)
3. From under the seat cushion, detach the side airbag connector clip, and from under the passenger's seat, on some RHD models, detach the OPDS unit connector clip. Release the hook springs from the seat cushion frame spring, then pull the cover back, and remove the harness bands.
4. Release the hook, and unzip the seat-back cover. Pull the side airbag harness and the OPDS harness (passenger's seat on some RHD models) out through the hole in the seat-back cover.
5. Remove the clip, and release the hooks (A).

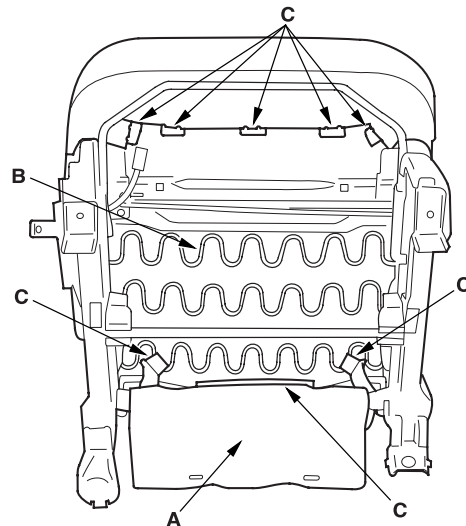
Inside:



Outside:



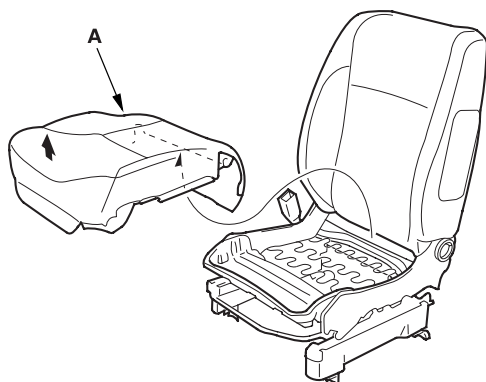
6. From under the seat cushion, release the seat cushion cover (A) from the seat cushion frame spring (B), and release the hooks (C).



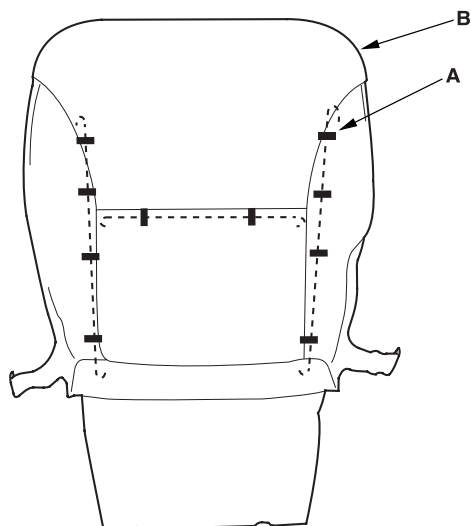




7. Remove the seat cushion cover (A) with the seat cushion pad from the seat cushion frame.

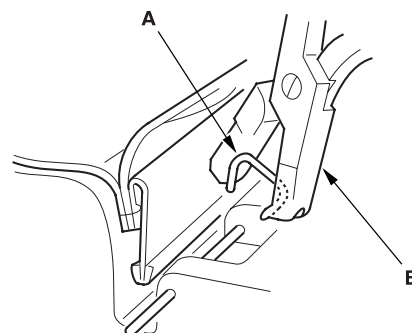


8. Pull back the edge of the seat cushion cover all the way around, and release the clips (A), then remove the seat cushion cover (B).



9. Install the cover in the reverse order of removal, and note these items:

- To prevent wrinkles when installing a seat cushion cover, make sure the material is stretched evenly over the pad before securing the clips and hooks.
- Make sure the side airbag harness and OPDS harness (passenger's seat) are routed properly.
- Replace any clips you removed with new ones (A). Install them with commercially available upholstery ring pliers (B).

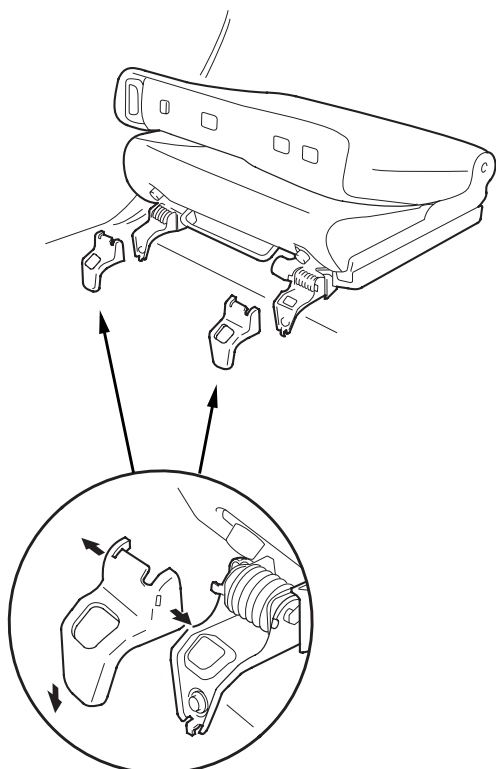


## Rear Seat Removal/Installation

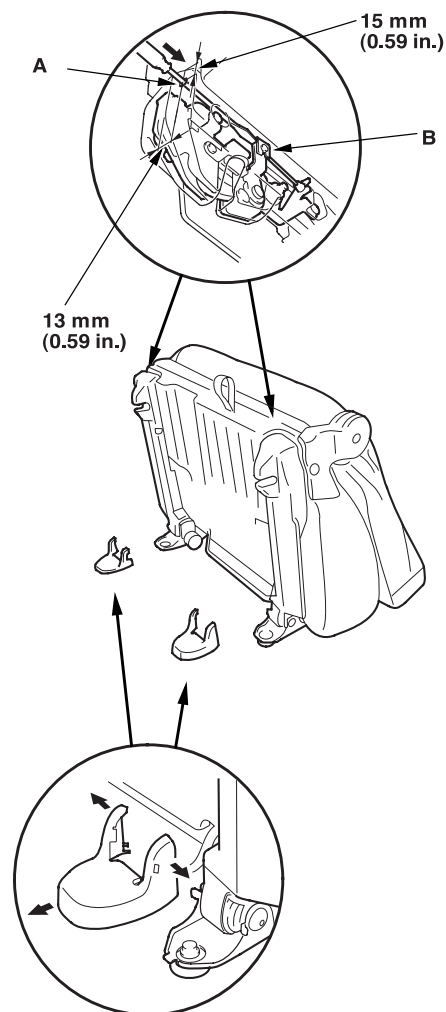
**NOTE:**

- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to scratch the body or rear the seat covers.
- Right rear seat is shown, and left rear seat is similar.

1. Remove the headrests. Fold the seat-back forward, and slide the rear seat backward fully.
2. Remove the front seat track end covers from the front of both seat tracks.



3. Unlock the rear seat and tip it up, then remove the rear seat track end covers from the back of both seat tracks. If the seat cannot be unlocked by pulling the strap, make the holes (A) in the back of both seat tracks as shown. Insert a flat-tip screwdriver over 100 mm (3.94 in.) through holes, and push both levers (B) to unlock the seat.

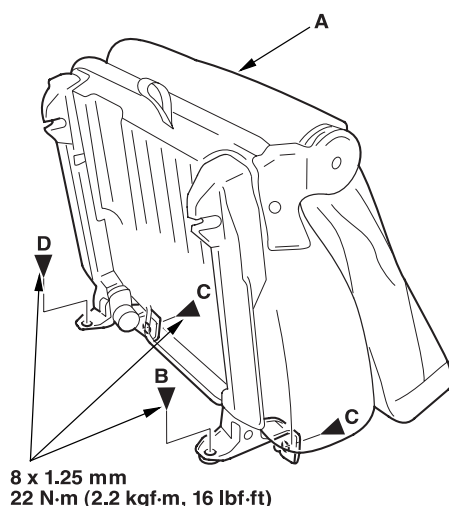
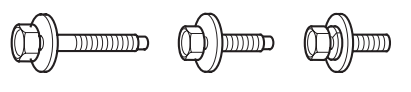




4. While holding the rear seat (A) up, remove the mounting bolt (B, C, D).

#### Fastener Locations

B ► : Bolt, 1    C ► : Bolt, 2    D ► : Bolt, 1



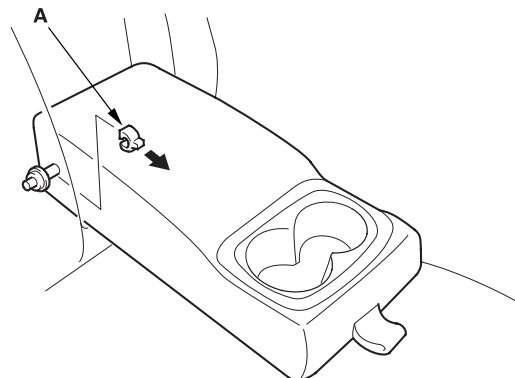
8 x 1.25 mm  
22 N·m (2.2 kgf·m, 16 lbf·ft)

5. With the help of an assistant, remove the rear seat (A) through the door opening.
6. Install the rear seat in the reverse order of removal.

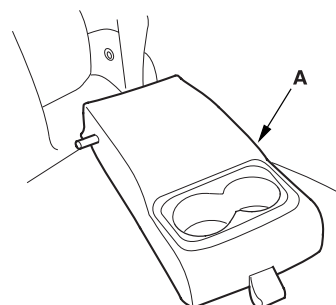
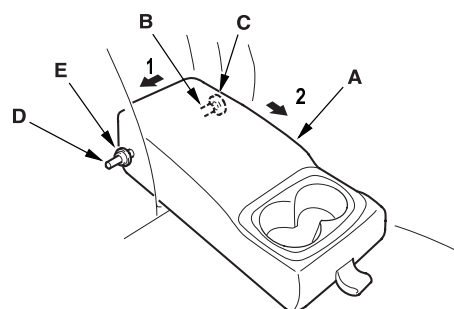
## Rear Seat Armrest Replacement

NOTE: Take care not to tear the seams or damage the seat covers.

1. Remove the clip (A) from the right portion of the armrest pivot.



2. Remove the armrest.
  - Slide the armrest (A) toward the right, side.
  - Remove the left pivot shaft (B) from the collar (C), and remove the right pivot shaft (D) from the collar (E) by pulling the armrest back.



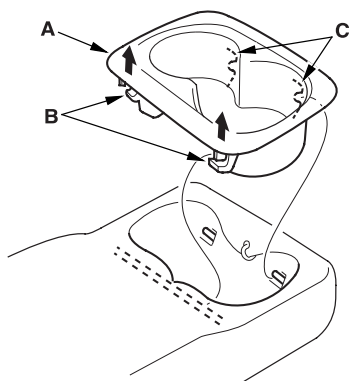
3. Install the armrest in the reverse order of removal.

## Rear Seat Armrest Cover Replacement

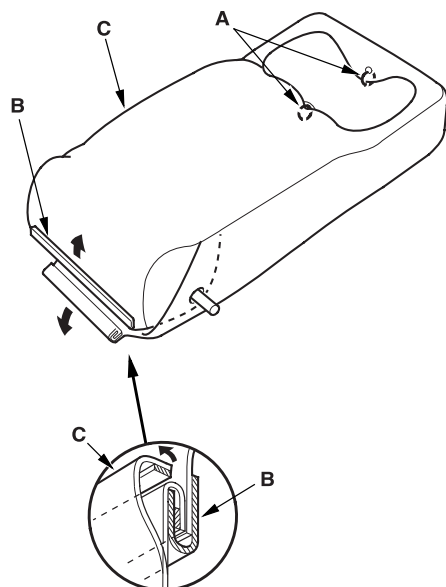
### NOTE:

- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.

1. Remove the armrest ([see page 20-115](#)).
2. Remove the beverage holder (A).
  - 1 Pull up on the rear edge of the holder to release the hooks (B).
  - 2 Release the front hooks (C), then remove the holder.

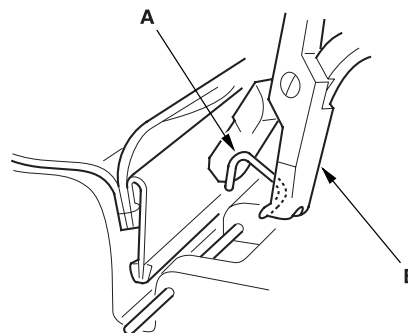


3. Release the clips (A) from the beverage holder opening, release the rear hook (B), then pull back the edge of the armrest cover (C) all the way around and remove it.



4. Install the cover in the reverse order of removal, and note these items:

- To prevent wrinkles when installing a seat cushion cover, make sure the material is stretched evenly over the pad before securing the clips and hooks.
- Replace any clips you removed with new ones (A). Install them with commercially available upholstery ring pliers (B).





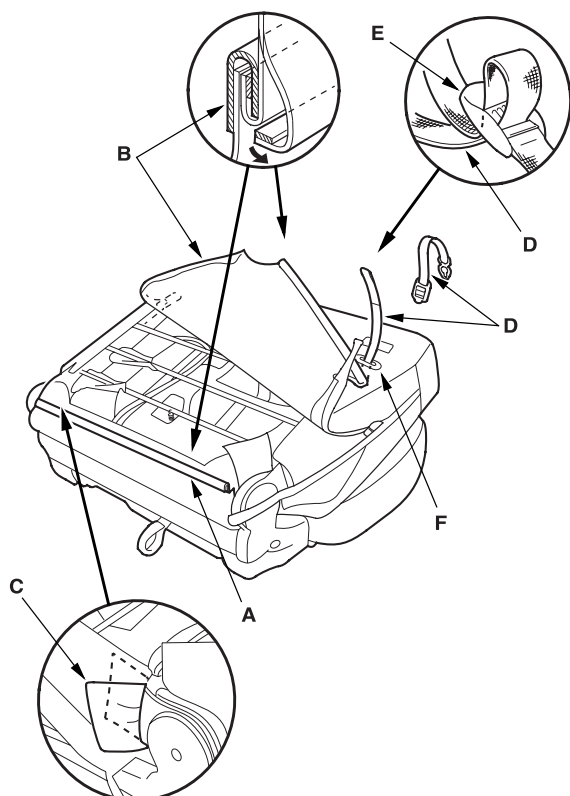
## Right Rear Seat Cover Replacement

### NOTE:

- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.

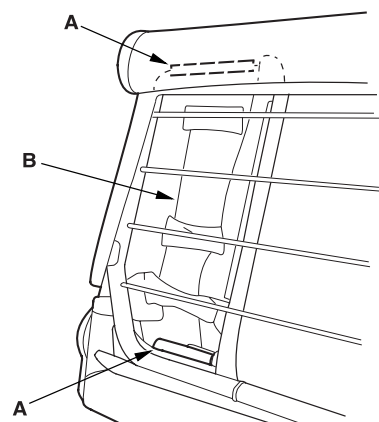
### Seat-back Cover

1. Remove the right rear seat ([see page 20-114](#)).
2. Remove the armrest ([see page 20-115](#)).
3. Release the bottom hook (A), unzip the seat-back cover (B), then fold back the cover. From between the left recline adjuster and the pad, remove a piece of cloth (C).

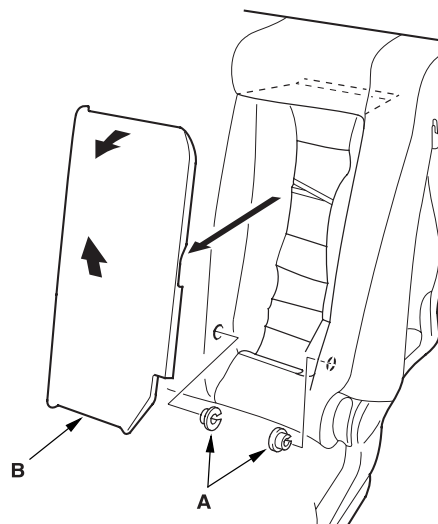


4. Loosen the seat-back strap (D) with the adjuster (E), and separate it into two pieces. Pull the strap secured on the seat-back frame inside the seat-back cover through the slot (F).

5. Release the hook strips (A) from the edge of the armrest back cover (B).



6. From the front of the seat-back, remove the armrest collars (A) and armrest back cover (B).

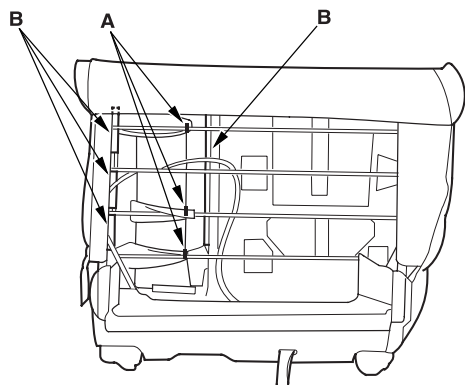


(cont'd)

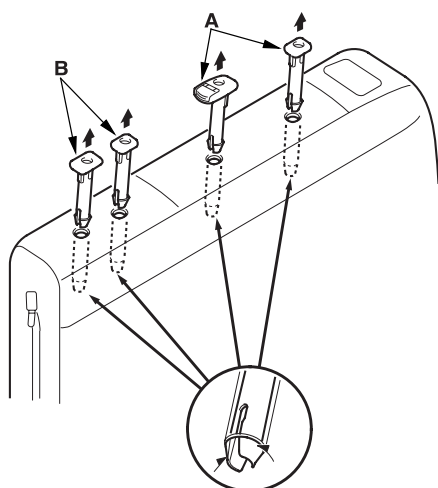
## Right Rear Seat Cover Replacement (cont'd)

### Seat-back Cover (cont'd)

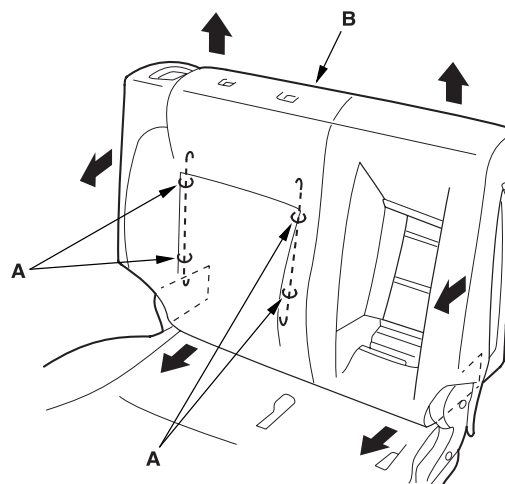
7. Release the clips (A) and hook strips (B) from the back of the seat-back.



8. Pull out the headrest guides (A), and if equipped, center headrest guides (B) while pinching the end of the guides, and remove them.

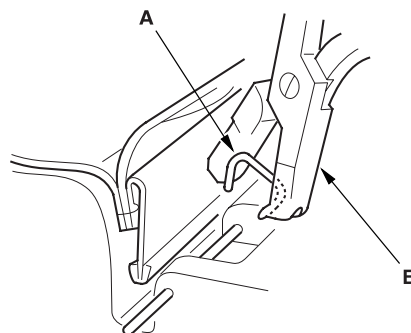


9. Pull back the edge of the seat-back cover all the way around, and release the clips (A), then remove the seat-back cover (B).



10. Install the seat-back cover in the reverse order of removal, and note these items:

- To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the hook and clips.
- Replace the any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).



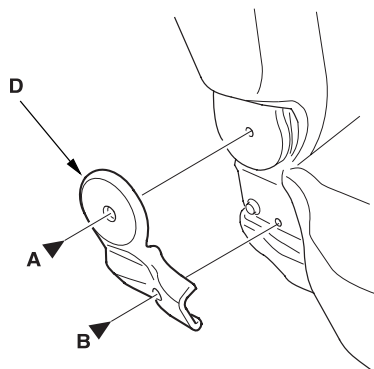
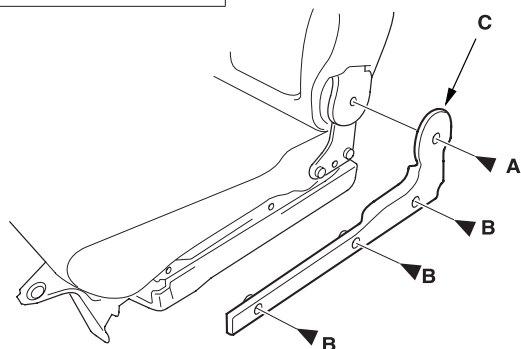
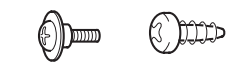


## Seat Cushion Cover

1. Remove the right rear seat ([see page 20-114](#)).
2. Remove the screws (A, B), then remove the recline cover (C) and the center cover (D).

### Fastener Locations

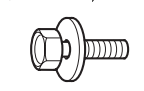
A ► : Screw, 2    B ► : Screw, 4



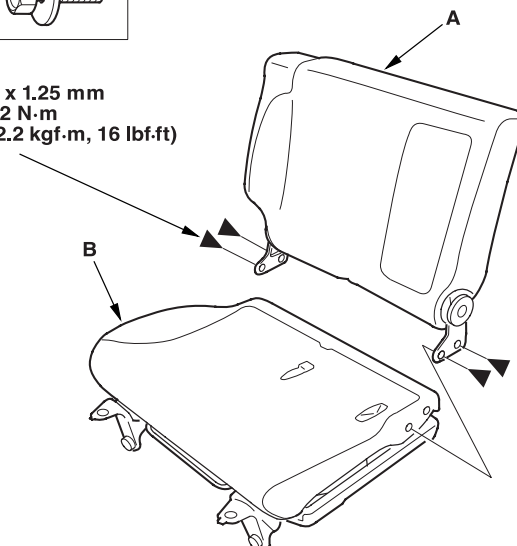
3. Remove the bolts searing the seat-back (A) and seat cushion (B), then separate them.

### Fastener Locations

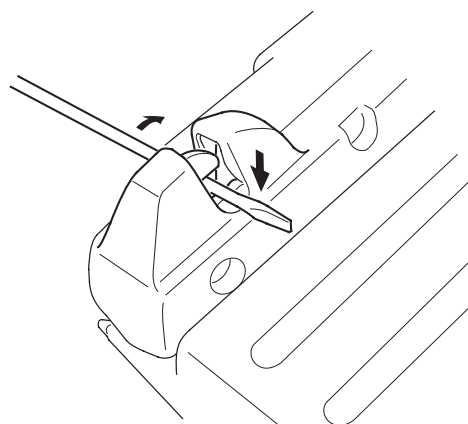
► : Bolt, 4



8 x 1.25 mm  
22 N·m  
(2.2 kgf·m, 16 lbf·ft)



4. To allow the seat cushion to slide, use a screwdriver to move the latch.



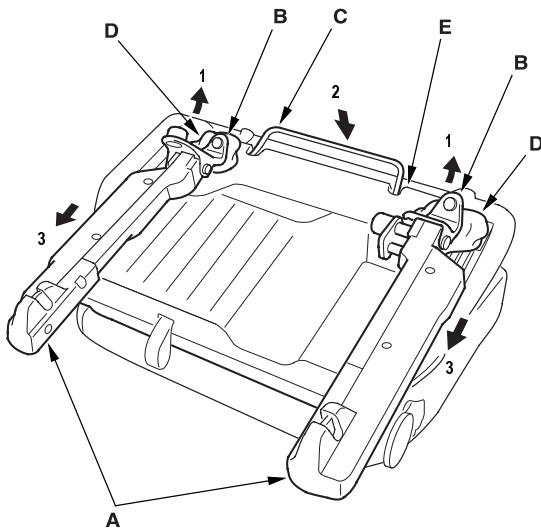
(cont'd)

## Right Rear Seat Cover Replacement (cont'd)

### Seat Cushion Cover (cont'd)

5. Slide both seat tracks (A) backward fully.
  - 1 Raise both foot brackets (B), and hold them.
  - 2 Push the slide lever (C) down.
  - 3 While holding both foot brackets, slide both seat tracks backward fully.
  - 4 Place a shop towel (D) between the brackets and the under cover (E).

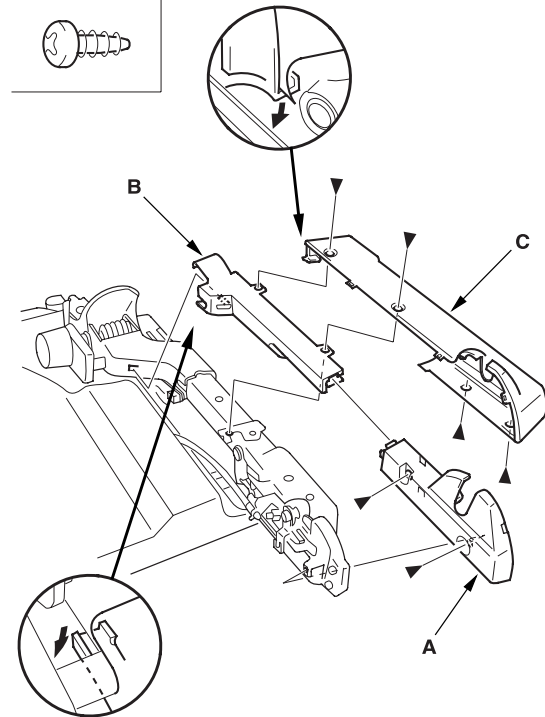
NOTE: While sliding both seat tracks, keep both foot brackets raised securely so as not to make them return with their spring tensions.



6. Remove the screws, then remove the latch cover (A), outer seat track cover B (B), and outer seat track cover A (C), the left seat track is shown, the right seat track is similar.

#### Fastener Locations

► : Screw, 6



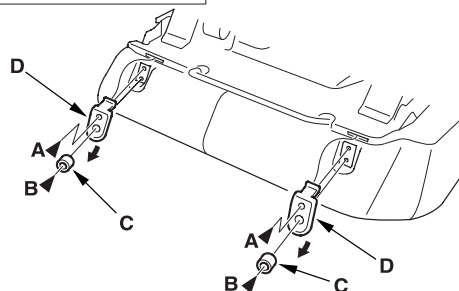




7. Remove the screws (A, B), then remove both dampers (C) and both damper covers (D).

Fastener Locations

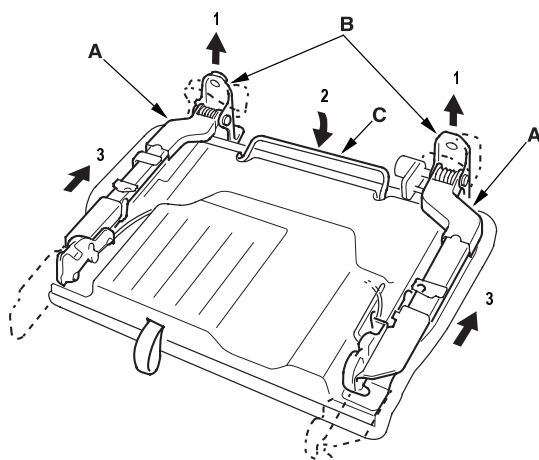
A ► : Screw, 2    B ► : Screw, 2



8. Slide both seat tracks (A) forward fully.

- 1 Raise both foot brackets (B), and hold them.
- 2 Push the slide lever (C) down.
- 3 While holding both foot brackets, slide both seat tracks forward fully.

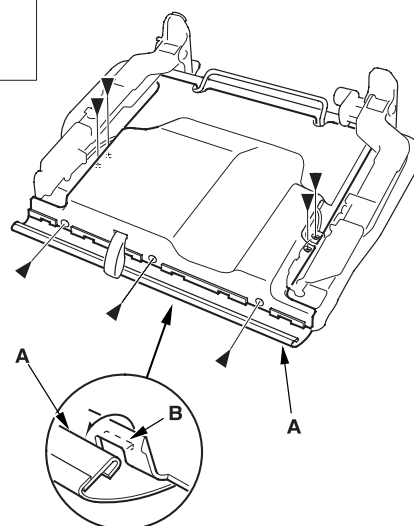
NOTE: While sliding both seat tracks, keep both foot brackets raised securely so as not to make them return with their spring tensions.



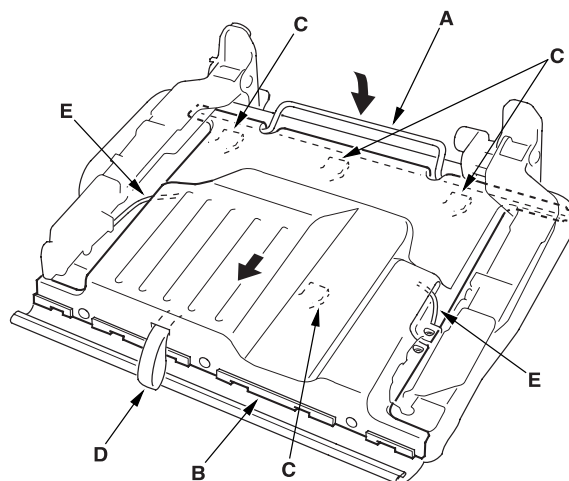
9. Pull back the rear edge of the seat cushion cover (A) to release it from the hooks (B), and remove the screws.

Fastener Locations

► : Screw, 7



10. While pushing the slide lever (A) down, remove the under cover (B) by pulling it to release the hooks (C). Pass the strap (D) through a slot, and both side cables (E) through each side slit in the cover. Take care not to band any cable.

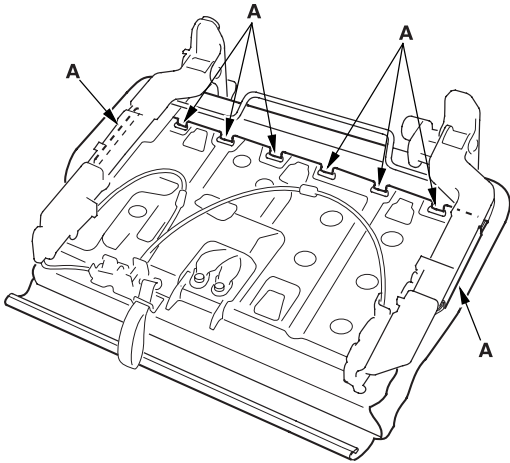


(cont'd)

## Right Rear Seat Cover Replacement (cont'd)

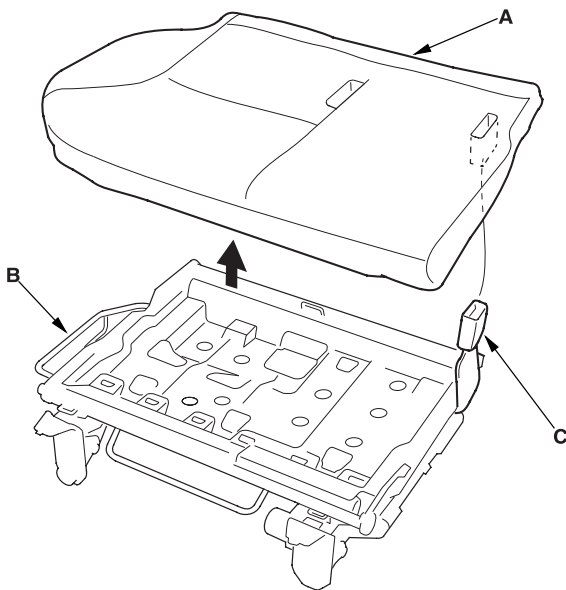
### Seat Cushion Cover (cont'd)

11. Release all of the hook strips (A).

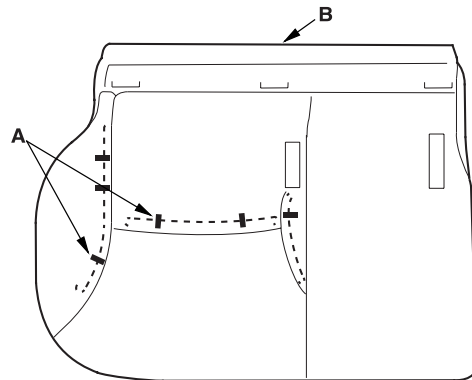


12. Remove the rear seat belt buckle and center seat belt/detachable anchor (see step 3 on [page 23-10](#)).

13. Remove the seat cushion cover (A) with the seat cushion pad from the seat cushion frame (B). Pass the center seat belt buckle (C) through a hole in the seat cushion cover.

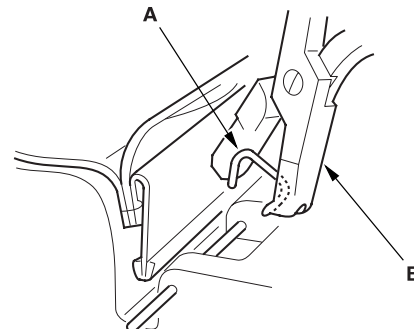


14. Pull back the edge of the seat cushion cover all the way around, and release the clips (A), then remove the seat cushion cover (B).



15. Install the cover in the reverse order of removal, and note these items:

- To prevent wrinkles when installing a seat cushion cover, make sure the material is stretched evenly over the pad before securing the hook and clips.
- Replace any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).





## Left Rear Seat Cover Replacement

### NOTE:

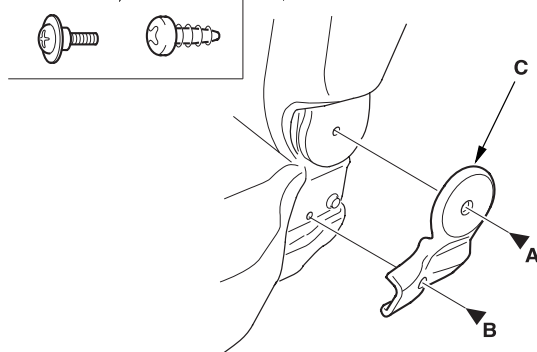
- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.

### Seat-back Cover

- Remove the left rear seat ([see page 20-114](#)).
- Remove the screws holder (A, B), then remove the recline cover (C).

#### Fastener Locations

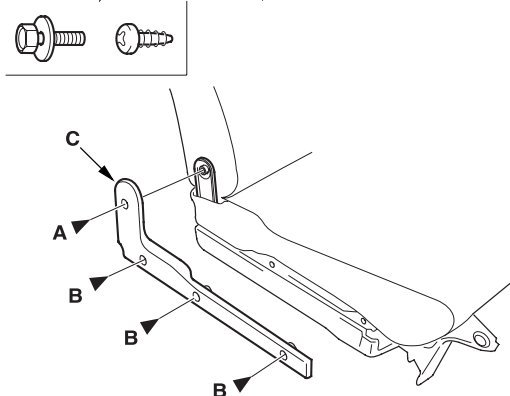
A► : Screw, 1 B► : Screw, 1



- Remove the bolt (A) and screw (B), then remove the center cover (C).

#### Fastener Locations

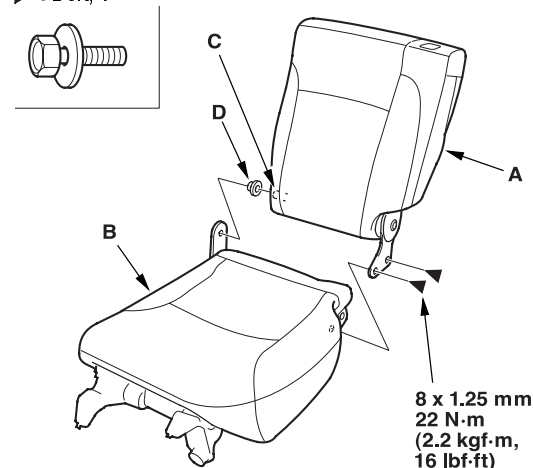
A► : Bolt, 1 B► : Screw, 3



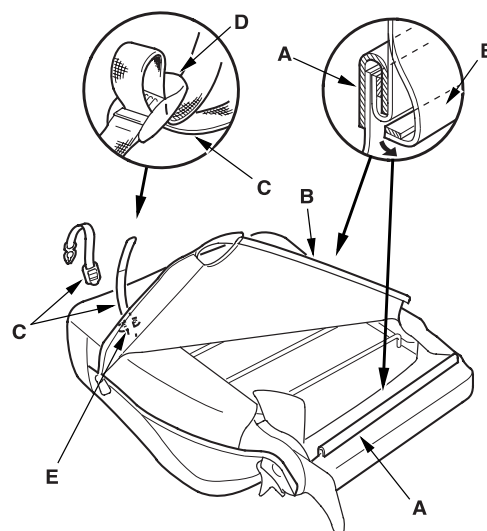
- Remove the bolts securing the seat-back (A) and seat cushion (B), pull the center pivot (C) out from the pivot bracket then separate them. If necessary, remove the bushing (D).

#### Fastener Locations

► : Bolt, 4



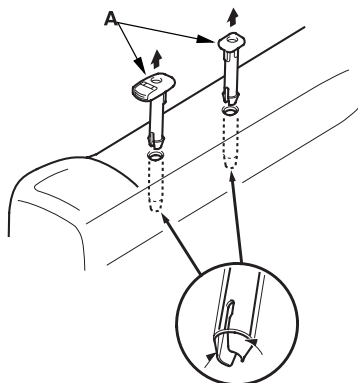
- Release the bottom hook (A), unzip the seat-back cover (B), then fold back the cover. Loosen the seat-back strap (C) with the adjuster (D), and separate it into two pieces. Pull the strap secured on the seat-back frame in inside of the seat-back cover through the slot (E).



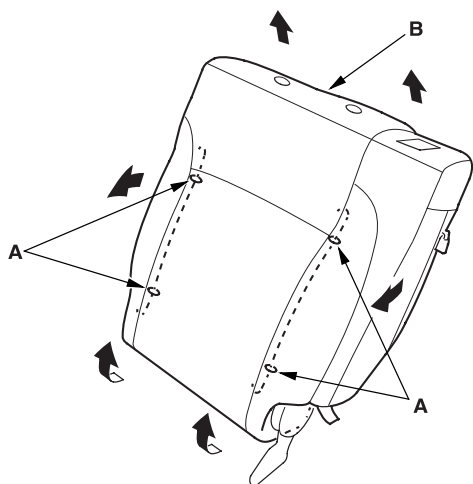
(cont'd)

**Left Rear Seat Cover Replacement (cont'd)****Seat-back Cover (cont'd)**

6. Pull out the headrest guides (A, B) while pinching the end of the guides, and remove them.

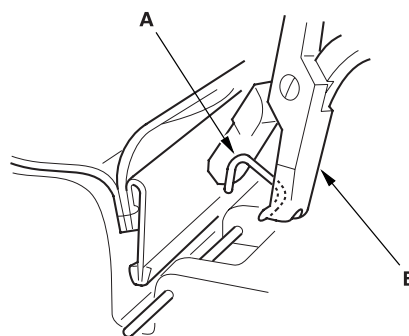


7. Remove the latch cover (see page 20-128).
8. Pull back the edge of the seat-back cover all the way around, and release the clips (A), then remove the seat-back cover (B).



9. Install the seat-back cover in the reverse order of removal, and note these items:

- To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the hook and clips.
- Replace any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).



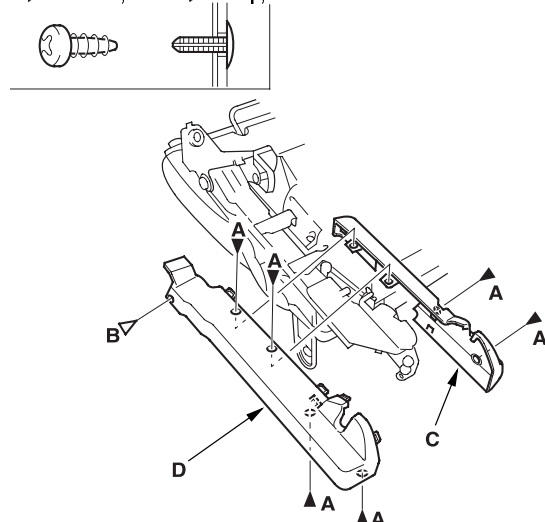


## Seat Cushion Cover

1. Remove the left rear seat (see page 20-114).
2. Remove the seat-back.
3. To allow the seat cushion to slide, use a screwdriver to move the latch (see step 4 on page 20-119).
4. Slide both seat tracks backward fully (see step 5 on page 20-120).  
NOTE: While sliding the outer seat track, keep the outer foot bracket raised securely so as not to make it return with its spring tension.
5. Remove the outer seat track cover (see step 6 on page 20-120).
6. Remove the screws (A) and release the clips (B), then remove the inner seat track end cover B (C) and inner seat track end cover A (D).

### Fastener Locations

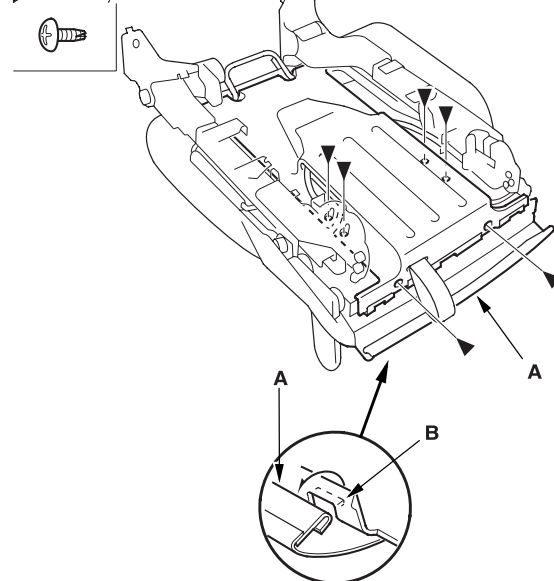
A : Screw, 6    B : Clip, 1



7. Remove both dampers and both damper covers (see step 7 on page 20-121).
8. Slide both seat tracks forward fully (see step 8 on page 20-121).  
NOTE: While sliding the outer seat track, keep the outer foot bracket raised securely so as not to make it return with its spring tension.
9. Pull back the rear edge of the seat cushion cover (A) to release it from the hooks (B), and remove the screws.

### Fastener Locations

: Screw, 6

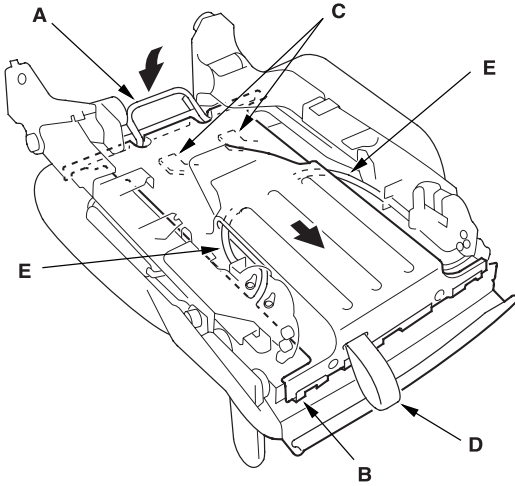


(cont'd)

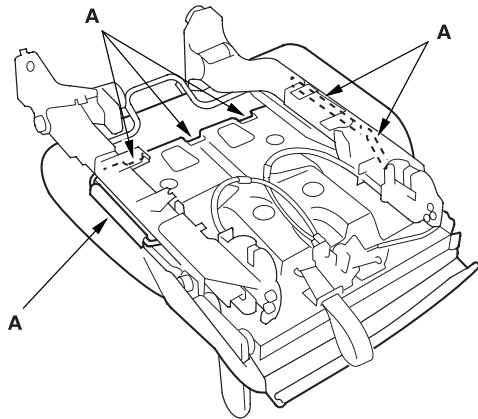
## Left Rear Seat Cover Replacement (cont'd)

### Seat Cushion Cover (cont'd)

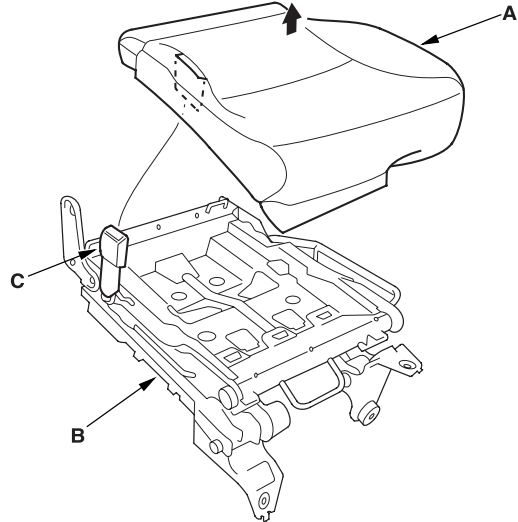
10. While pushing the slide lever (A) down, remove the under cover (B) by pulling it to release the hooks (C). Pass the strap (D) through a slot, and both side cables (E) through each side slit in the cover. Take care not to bend any cable.



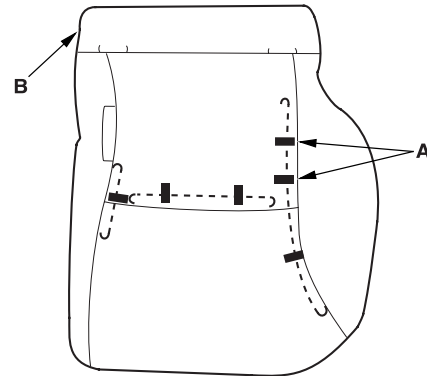
11. Release all of the hook strips (A).



12. Remove the seat cushion cover (A) with the seat cushion pad from the seat cushion frame (B). Pass the seat belt buckle (C) through a hole in the seat cushion cover.

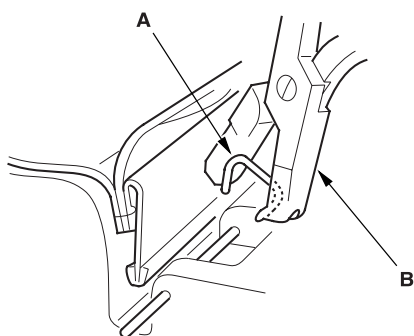


13. Pull back the edge of the seat-back cover all the way around, and release the clips (A), then remove the seat cushion.





14. Install the cover in the reverse order of removal, and note these items:
- To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the hook and clips.
  - Replace any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).

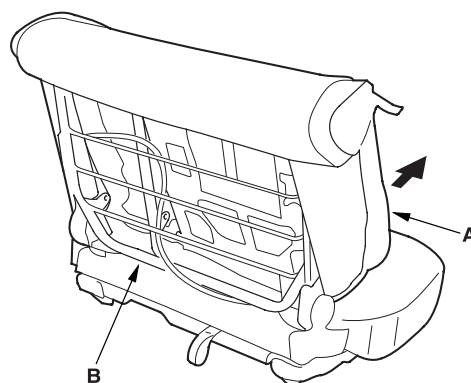


## Right Rear Seat-back Lock Control Cable Replacement

### NOTE:

- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.

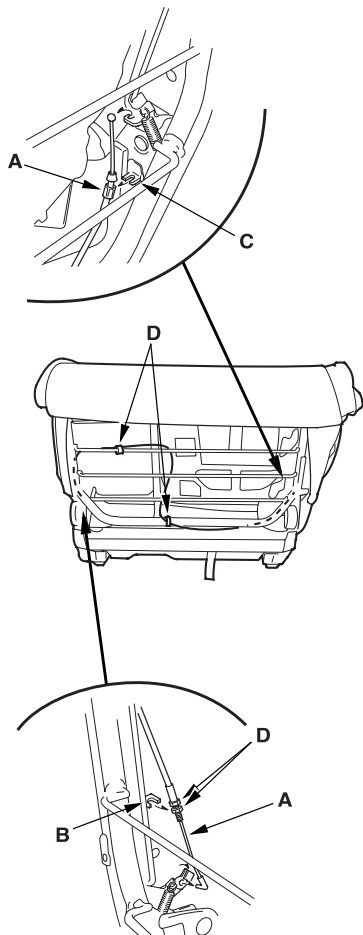
1. Remove the armrest ([see page 20-115](#)).
2. Release the bottom hook, unzip the seat-back cover, then fold back the cover ([see step 3 on page 20-117](#)).
3. Release the hook strips from the edge of the armrest back cover ([see step 5 on page 20-117](#)).
4. Remove the armrest back cover ([see step 6 on page 20-117](#)).
5. Release the hook strips at the armrest portions from the back of the seat-back ([see step 7 on page 20-118](#)).
6. Pull up the bottom of the seat-back pad (A) half-way apart from the seat-back frame (B).



(cont'd)

## Right Rear Seat-back Lock Control Cable Replacement (cont'd)

7. Disconnect the seat-back lock control cable (A) from the inner recline adjuster (B) and the outer recline adjuster (C). Release the clamps (D), then remove the cable.



8. Install the cable in the reverse order of removal, and note these items:
- After reconnecting the cable, adjust its tension with its adjusting nuts (D).
  - Replace any clamps you removed with new ones.
  - To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the hooks.

## Rear Seat-back Latch Lever Replacement

### NOTE:

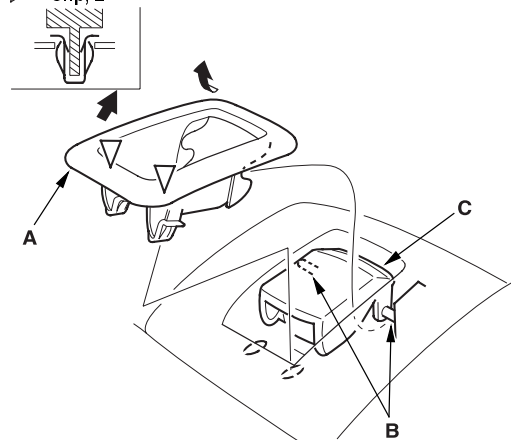
- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.
- The right rear seat is shown, and the left rear seat is symmetrical.

1. Remove the latch cover (A).

- 1 Pull up the rear edge of the latch lever cover to release the clips.
- 2 Release the cover from the pivot pins (B) of the latch lever (C) while pulling the latch lever.

### Fastener Locations

▷ : Clip, 2

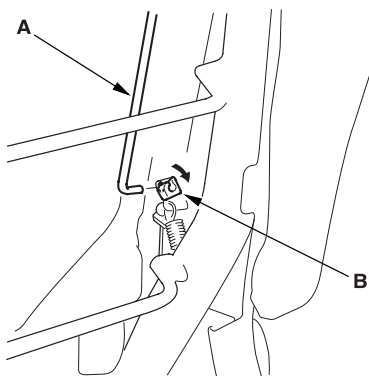


2. Release the bottom hook, unzip the seat-back cover, then fold back the cover, right rear seat (see step 3 on [page 20-117](#)), left rear seat (see step 5 on [page 20-123](#)).

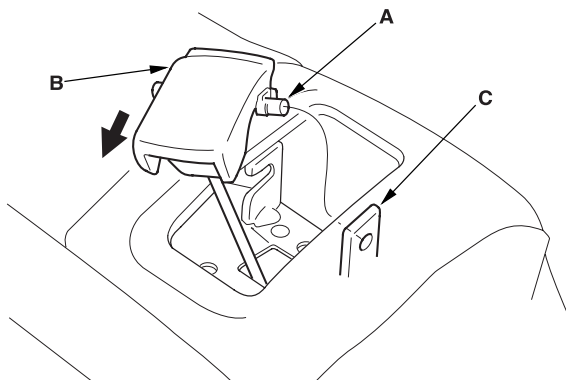




3. Disconnect the lock knob rod (A) from the outer recline adjuster (B).

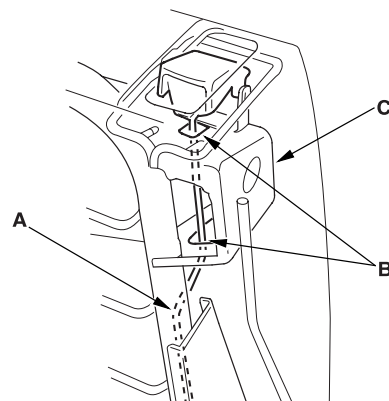


4. Release the pivot pin (A) of the latch lever (B) from the seat-back frame (C), then remove the latch lever by pulling it up.



5. Install the lever in the reverse order of removal, and note these items:

- Make sure the lock knob rod (A) is passed through the holes (B) in the seat-back frame (C) correctly when reinstalling the latch lever.
- To prevent wrinkles, make sure the material is stretched evenly over the pad before securing the clips.
- Replace any damaged clips with new ones.



## Bumpers

### Front Bumper Removal/Installation

**NOTE:**

- Have an assistant help you when removing and installing the front bumper.
- Take care not to scratch the front bumper and body.
- Put on gloves to protect your hands.

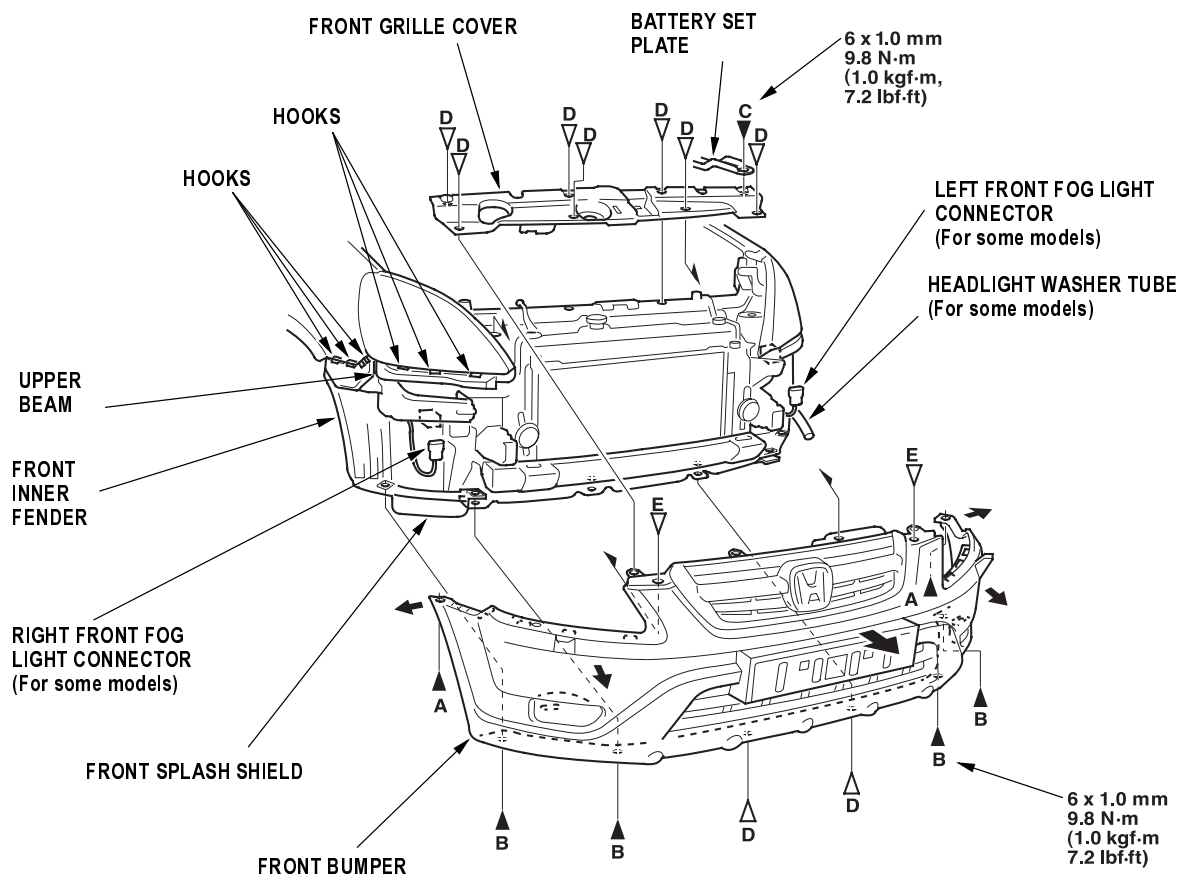
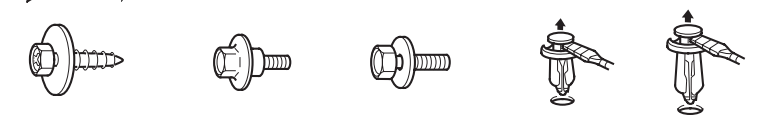
Remove the front bumper as shown.

Install the bumper in the reverse order of removal, and note these items:

- If equipped, make sure the front fog light connector is plugged in properly, and the headlight washer tube is connected properly.
- Make sure the front bumper engages the hooks of the side spacers and upper beams on both sides securely.
- Replace any damaged clips.

**Fastener Locations**

A ► : Screw, 2    B ► : Bolt, 4    C ► : Bolt, 1    D ► : Clip, 9    E ► : Clip, 2





## Rear Bumper Removal/Installation

### NOTE:

- Have an assistant help you when removing and installing the rear bumper.
- Take care not to scratch the rear bumper and body.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Put on gloves to protect your hands.
- Apply protective tape around the hinge side edge of the tailgate lower trim to prevent damage to the rear bumper.
- For removing the rear bumper, remove the bolt securing the body side end of the tailgate support strut. After removing the bolt, gently open or close the tailgate to make most clearance between the rear bumper and the tailgate lower trim, and securely keep this position.

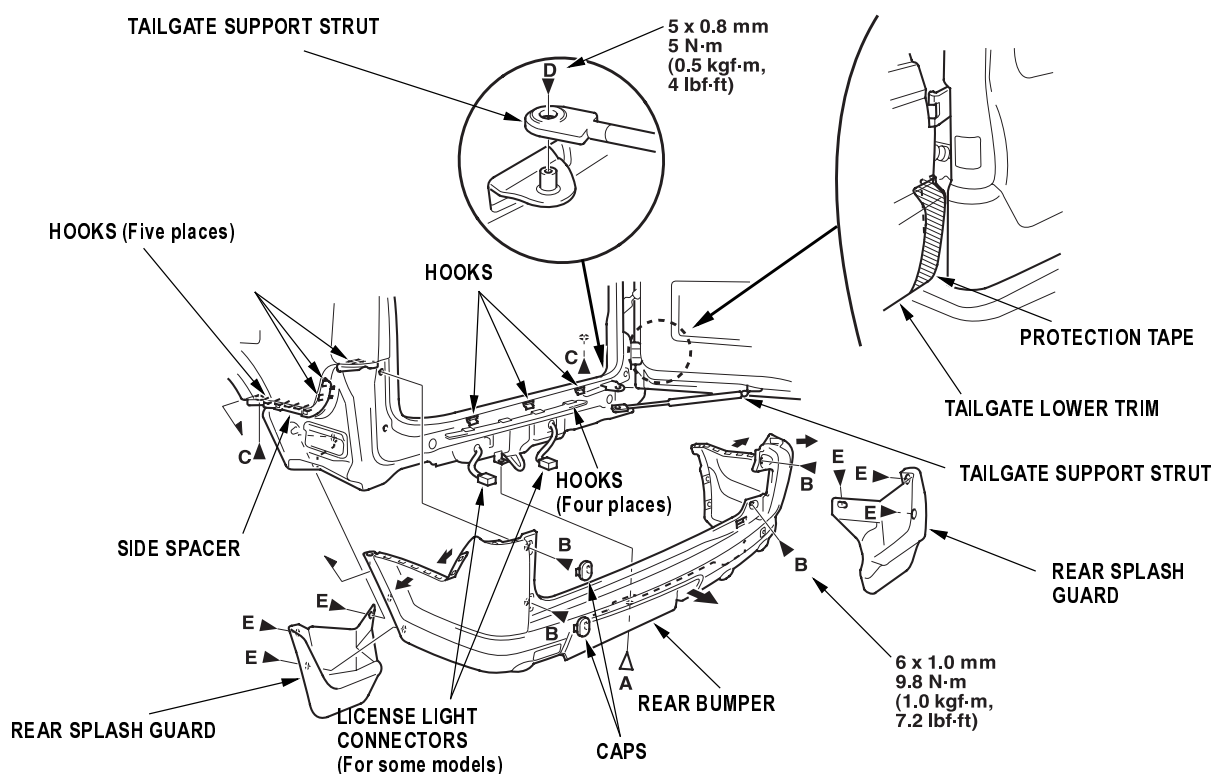
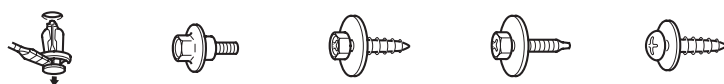
Remove the rear bumper as shown.

Install the bumper in the reverse order of removal, and note these items:

- Make sure each connector is plugged in properly.
- Make sure the rear bumper engages the hooks of the side spacers and upper brackets on both sides securely.
- Replace any damaged clips.

### Fastener Locations

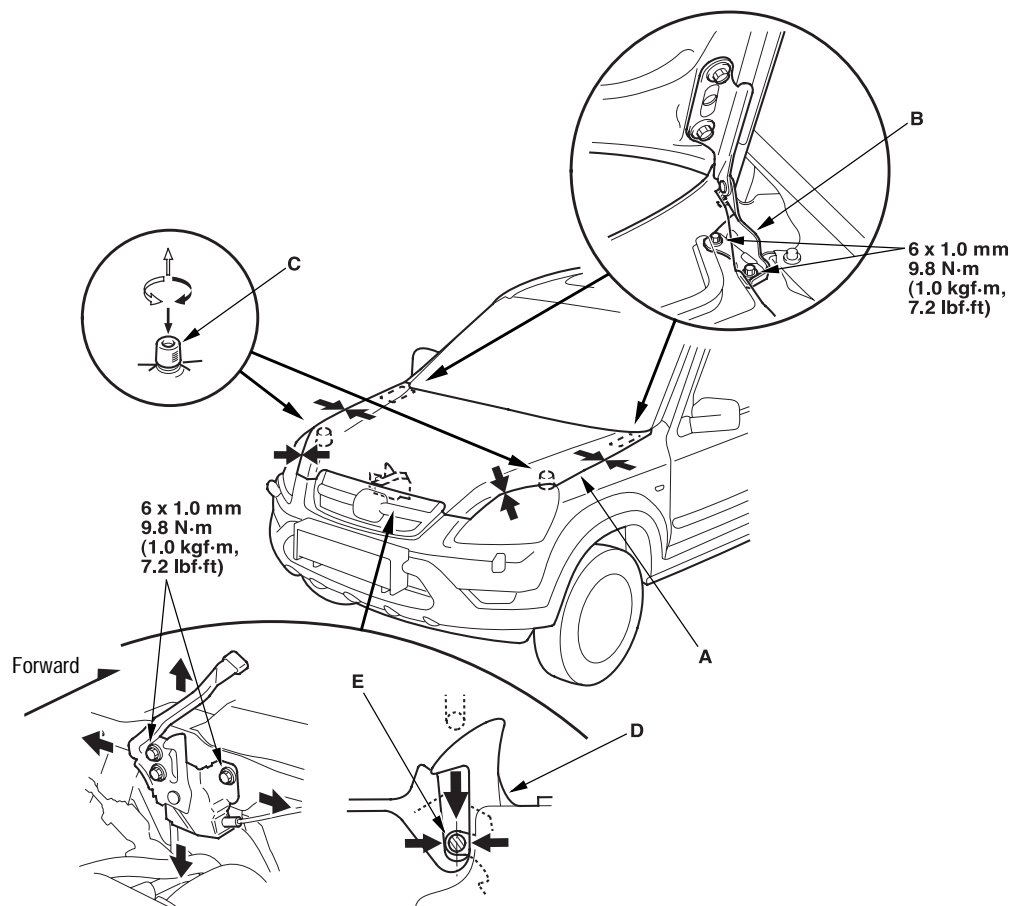
A ▶ : Clip, 1    B ▶ : Bolt, 4    C ▶ : Screw, 2    D ▶ : Bolt, 1    E ▶ : Screw, 6



## Hood

### Adjustment

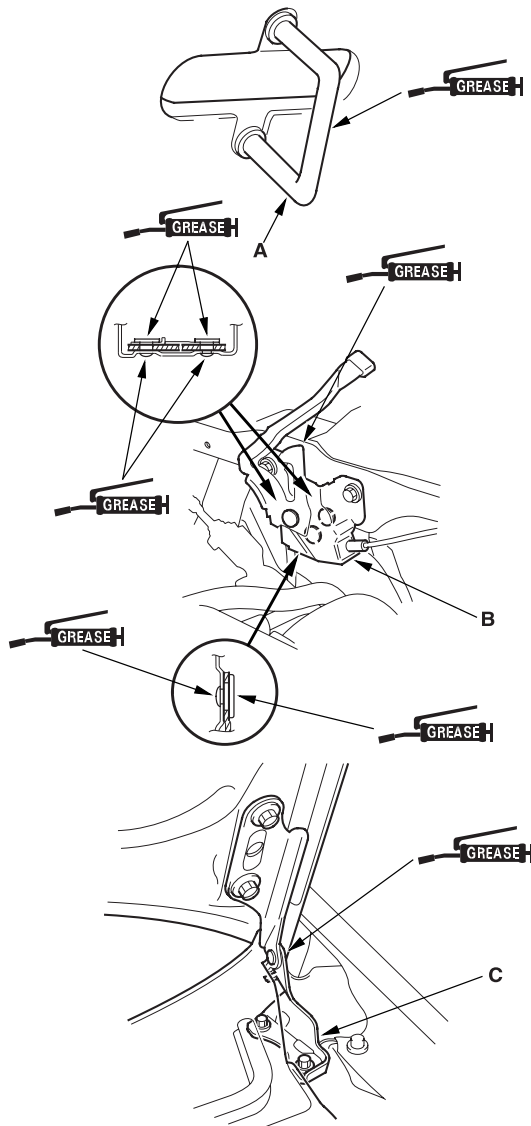
1. Slightly loosen each bolt.
2. Adjust the hood (A) alignment in this sequence.
  - Adjust the hood right and left, as well as forward and rearward, by using the elongated holes on the hood hinge(B).
  - Turn the hood edge cushions (C), as necessary, to make the hood fit flush with the body at the front and side edges.
  - Adjust the hood latch (D) to obtain the proper height at the forward edge, and move the hood latch right or left until the striker (E) is centered in the hood latch.



3. Tighten each bolt securely.



4. Check that the hood opens properly and locks securely.
5. Apply body paint to the hinge mounting bolts and around the hinges.
6. Grease each location of the hood striker (A), hood latch (B), and hood hinge (C) as indicated by the arrows.

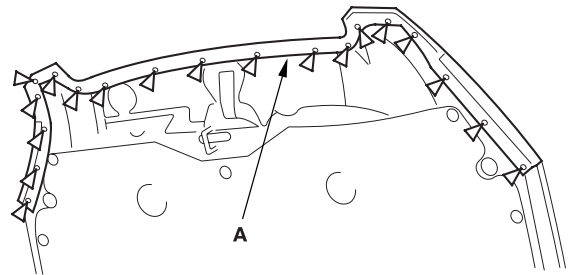
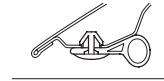


## Hood Seal Replacement

1. Using a clip remover, detach the clips, then remove the hood seal (A). Take care not to scratch the hood.

Fastener Locations

▷ : Clip, 19



2. Install the seal in the reverse order of removal, and replace any damaged clips.

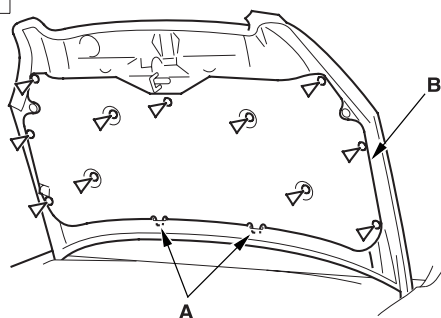
## Hood Insulator Replacement

### For Some Models

1. Using a clip remover, detach the clips, release the hooks (A), then remove the hood insulator (B). Take care not to scratch the hood.

#### Fastener Locations

▷ : Clip, 11



2. Install the insulator in the reverse order of removal, and replace any damaged clips.

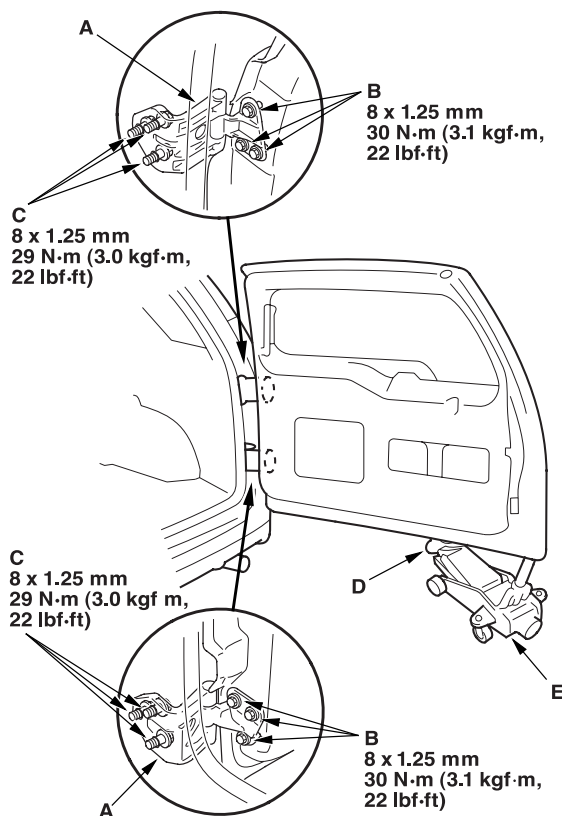


## Tailgate

### Tailgate Adjustment

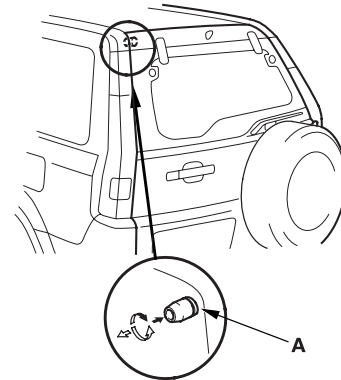
**NOTE:** Check for a flush fit with the body, then check for equal gaps between the top, both sides, and bottom tailgate edges and the body. Check that the tailgate and body edges are parallel. Before adjusting, replace the mounting bolts.

1. Place the vehicle on a firm, level surface when adjusting the tailgate.
2. Remove the tailgate support strut from each side (see page 20-137).
3. Adjust at the hinges (A):
  - Loosen the tailgate mounting bolts (B) slightly, and move the tailgate in or out until it's flush with the body.
  - Remove the right taillight (see page 22A-98) and rear bumper (see page 20-131).
  - Loosen the hinge mounting bolts (C) slightly, and move the tailgate left or right, up or down as necessary to equalize the gaps.
  - Place a shop towel (D) on the jack (E) to prevent damage to the tailgate when adjusting the tailgate.

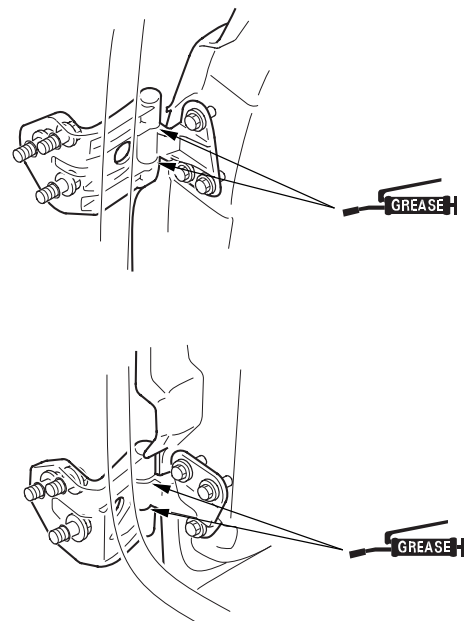


4. Tighten each bolts securely.

5. Check that the tailgate and body edges are parallel. If necessary, adjust the tailgate cushions (A) to make the left of the tailgate flush with the body.



6. Reinstall the support strut securely.
7. Apply body paint to the hinge mounting bolts and around the hinges.
8. Reinstall all removing removed parts.
9. Grease the location of the tailgate hinges is indicated by the arrows.

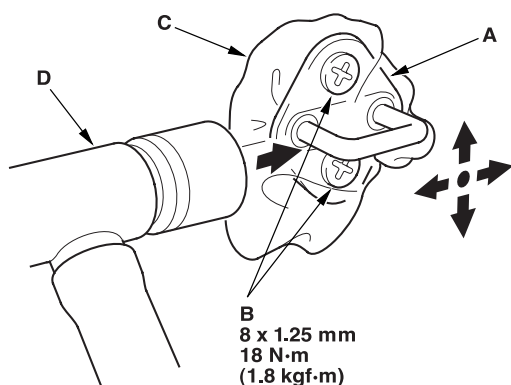


10. Check for water leaks (see step 9 on page 20-59).

## Tailgate Striker Adjustment

Make sure the tailgate latches securely without slamming it. If necessary, adjust the striker (A): The striker nuts are fixed, but the striker can be adjusted slightly up or down, and in or out.

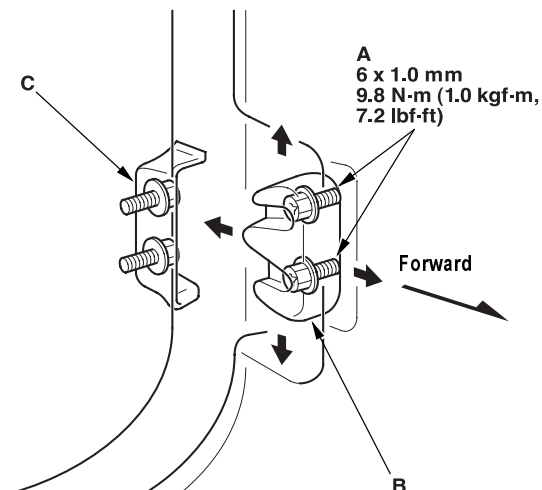
1. Remove the rear portion of the left rear side trim panel, as necessary (see page 20-77).
2. Loosen the screws (B), then insert a shop towel (C) between the body and striker.



3. Lightly tighten the screws.
4. Wrap the striker with a shop towel, then adjust the striker by tapping it with a plastic hammer (D). Do not tap the striker too hard.
5. Loosen the screws, and remove the shop towel.
6. Lightly tighten the screws.
7. Hold the outer handle out, and push the tailgate against the body to be sure the striker allows a flush fit. If the tailgate latches properly, tighten the screws and recheck.
8. Install the left rear side trim panel.

## Tailgate Wedge Adjustment

1. Loosen the bolts (A) and move the tailgate wedge (B) up or down to align it with the tailgate wedge striker (C). Move the tailgate wedge in or out to center it. Then lightly tighten the bolts and recheck.



2. Hold the tailgate door handle out and push the tailgate against the body to be sure the tailgate wedge allows a flush fit.
3. If the tailgate latches properly, tighten the bolts and recheck.





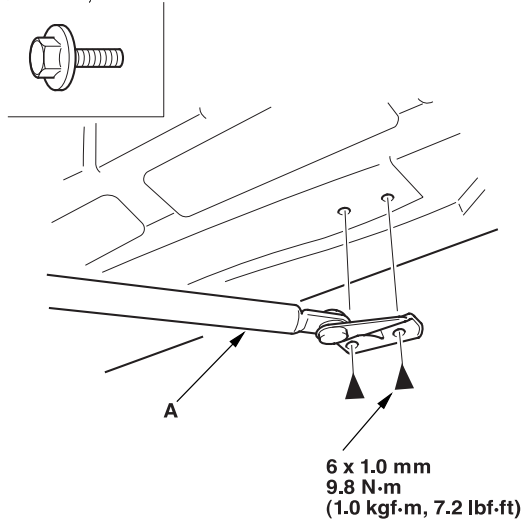
## Tailgate Support Strut Replacement

### NOTE:

- Have an assistant help you when removing and installing the support strut.
  - Take care not to scratch the body and tailgate.
1. Remove the bolt securing the body side end of the tailgate support strut, then release it from the bracket (see page 20-131).
  2. Remove the bolts, then remove the support strut (A).

### Fastener Locations

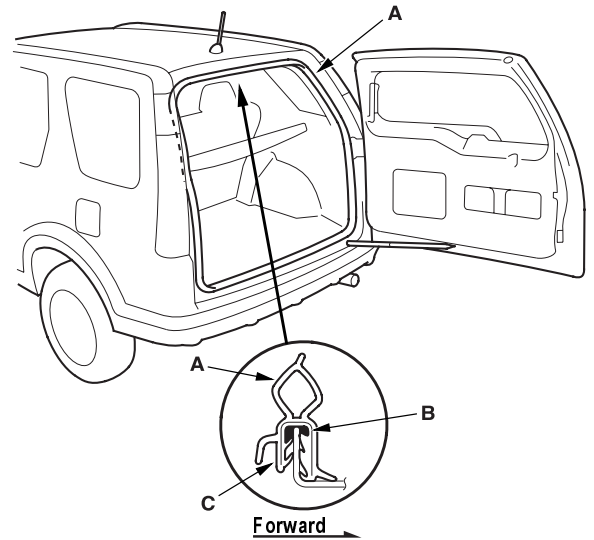
► : Bolt, 2



3. Install the support strut in the reverse order of removal.

## Tailgate Weatherstrip Replacement

1. Remove the tailgate weatherstrip (A) by pulling out on it.
2. Clean the bonding surface around the tailgate flange with alcohol.

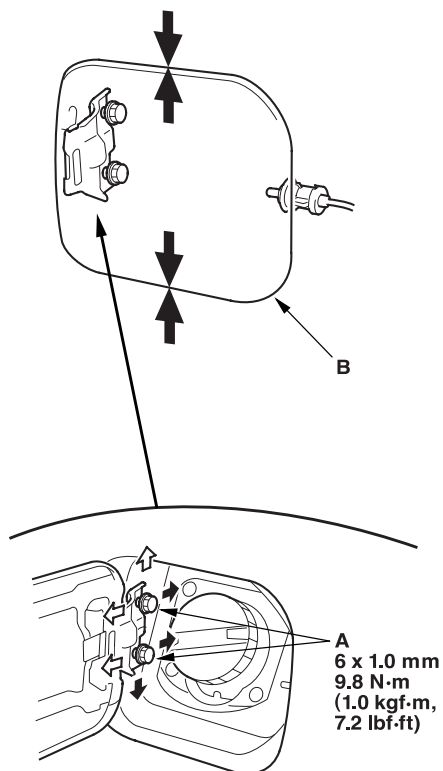


3. Apply sealant (Cemedine P/N 08712-0004, or equivalent) (B) in the groove around all of the tailgate weatherstrip.
4. Locate the painted alignment mark (C) on the tailgate weatherstrip. Align the painted mark with the alignment tab in the center of the tailgate opening, and install the weatherstrip. Make sure it's seated completely and facing in the direction shown. Make sure there are no wrinkles in the weatherstrip.
5. Check for water leaks.

## Fuel Fill Door

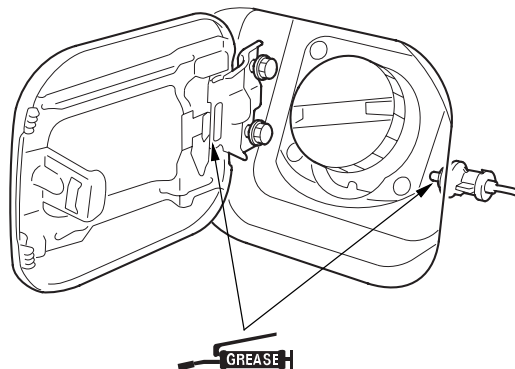
### Adjustment

1. Slightly loosen the hinge mounting bolts (A).



2. Adjust the fuel fill door (B) in or out until it's flush with the body, and up or down as necessary to equalize the gaps.
3. Tighten the hinge mounting bolts.
4. Check that the fuel fill door opens properly and locks securely, and check that the rear of the door is flush with the body.

5. Grease each location indicated by the arrows.



6. Apply body paint to the hinge mounting bolts and around the hinges.



## Exterior Trim

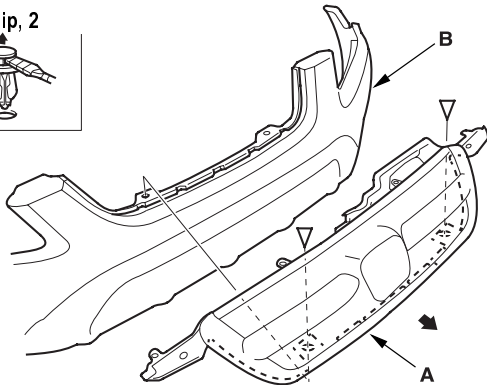
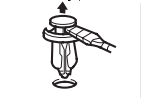
### Front Grille Replacement

NOTE: Put on gloves to protect your hands.

1. Remove the front bumper (see page 20-130).
2. Remove the clips, and remove the front grille (A) from the front bumper (B) by pulling it out. Take care not to scratch the front bumper.

#### Fastener Locations

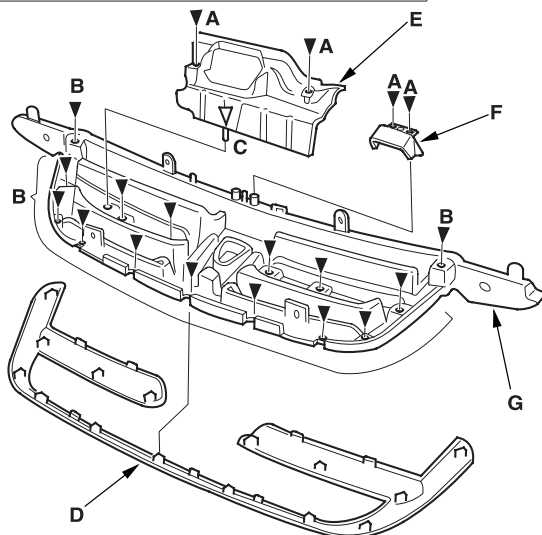
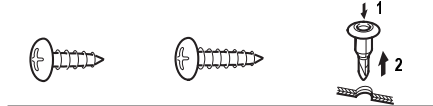
▷ : Clip, 2



3. If necessary, remove the screws (A, B) and clips (C), then remove the grille molding (D), mist cover plate (E), and front grille absorber (F) from the front grille (G).

#### Fastener Locations

A▷ : Screw, 4    B▷ : Screw, 15    C▷ : Clip, 1



4. Install the grille in the reverse order of removal, and replace any damaged clips.

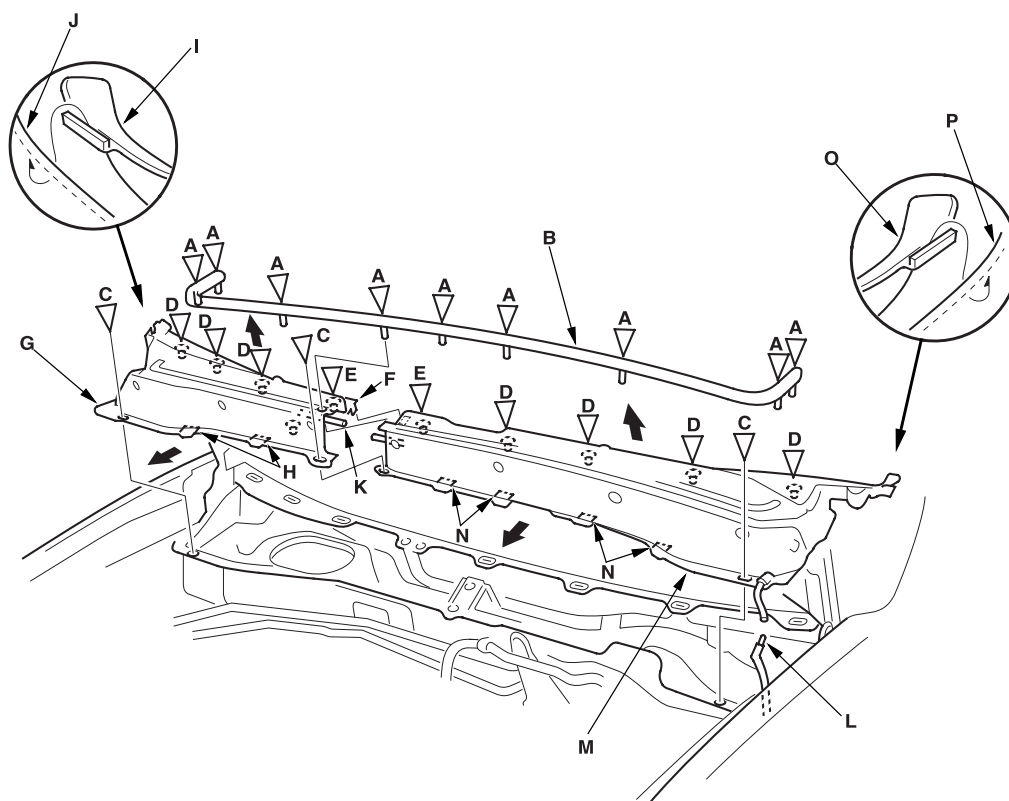
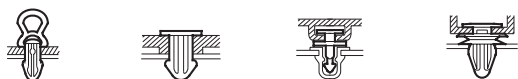
## Cowl Covers Replacement

NOTE: LHD is shown RHD is symmetrical except the windshield washer tubes.

1. Remove the windshield wiper arms ([see page 22A-223](#)).
2. Using a clip remover, detach the clips (A), then remove the hood rear seal (B), and detach the clips (C) from the cowl covers. Take care not to scratch the cowl covers.

### Fastener Locations

A ▷ : Clip, 9    C ▷ : Clip, 3    D ▷ : Clip, 7    E ▷ : Clip, 2



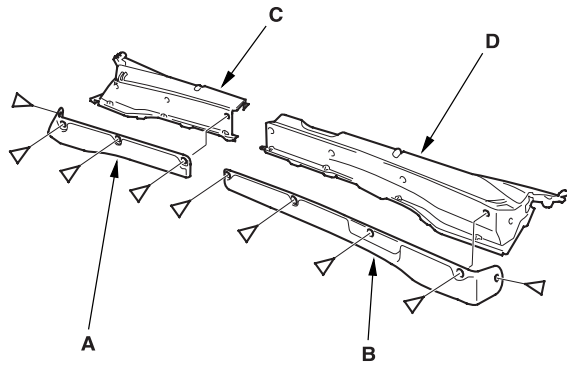
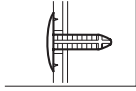
3. Detach the clips (D, E) and release the hook (F) by carefully pulling the passenger's cowl cover (G) upward. Pull the cover forward to release the hooks (H), pull the hinge cover (I) out from the front fender (J) and disconnect the windshield washer tube (K), then remove the cover. On RHD models, disconnect the windshield washer tube (L) routed from the washer reservoir to remove the passenger's cowl cover at this time. Take care not to scratch the body.
4. Detach the clips (D, E) by carefully pulling the driver's cowl cover (M) upward, and pull the cover forward to release the hooks (N). Pull the hinge cover (O) out from the front fender (P), and disconnect the windshield washer tube (L) routed from the washer reservoir then remove the cover. Take care not to scratch the body.



5. If necessary, release the clips, then remove the insulators (A, B) from both cowl covers (C, D).

### Fastener Locations

▷ : Clip, 9



6. Install the cover in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Make sure the washer tubes are connected securely.

## Windshield Side Trim Replacement

### NOTE:

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts to prevent damage.
- Put on gloves to protect your hands.

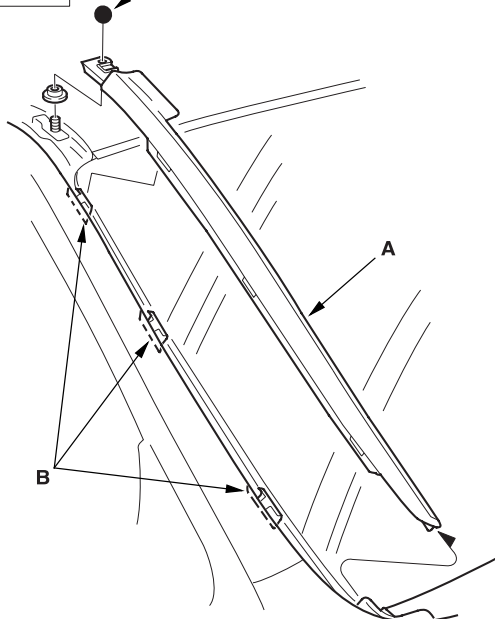
1. Remove the roof side front trim.
2. Remove the nut, and detach the windshield side trim (A) from the retainer (B) by pulling the trim up. Take care not to scratch the body.

### Fastener Location

● : Nut, 1



6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)



3. Install the windshield side trim in the reverse order of removal.

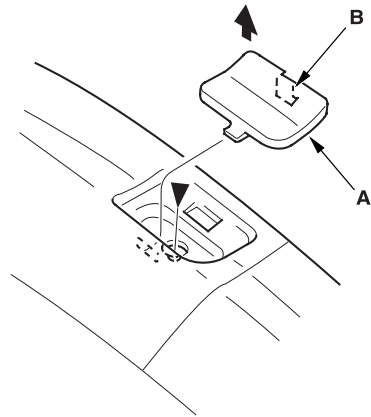
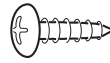
## Roof Side Front Trim Replacement

NOTE: Put on gloves to protect your hands.

1. Using a flat-tip screwdriver wrapped with protective tape, pry up on the front lid (A) of the roof side front trim to detach the hook (B), and remove the screw.

### Fastener Location

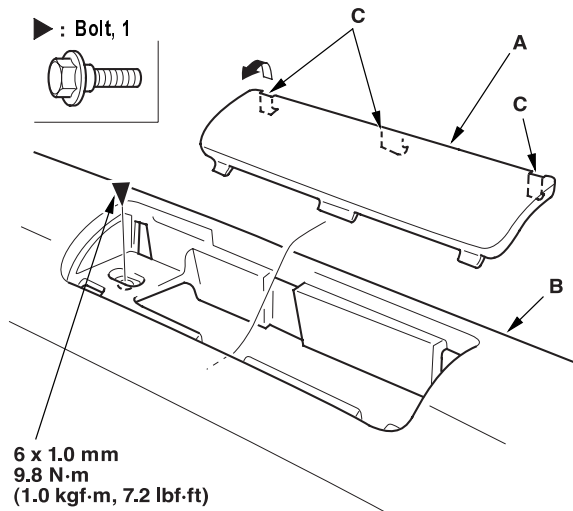
► : Screw, 1



2. Using a flat-tip screwdriver wrapped with protective tape, pry up on the middle lid (A) of the roof side front trim (B) to detach the hooks (C), and remove the bolts.

### Fastener Locations

► : Bolt, 1



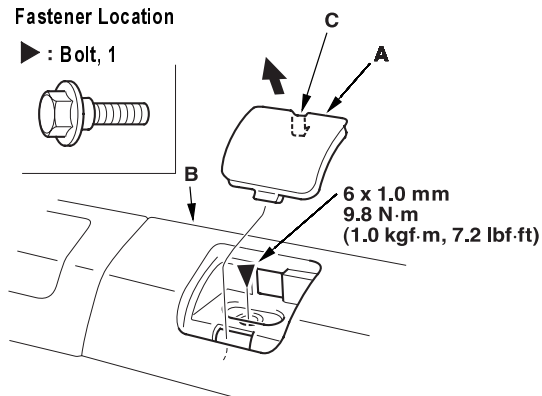
6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)



- Using a flat-tip screwdriver wrapped with protective tape, pry up on the rear lid (A) of the roof side front trim (B) to detach the hooks (C), and remove the bolts.

## Fastener Location

► : Bolt, 1

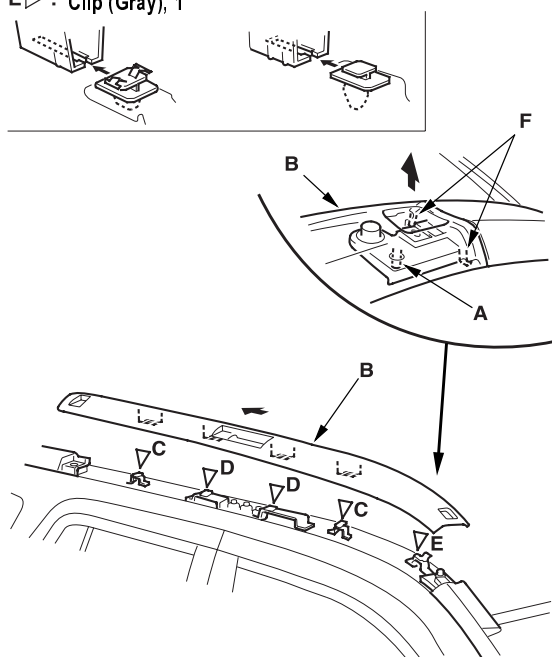


- Release the pin (A) by pulling the front portion of the roof side front trim (B) up, and hold it.

## Fastener Locations

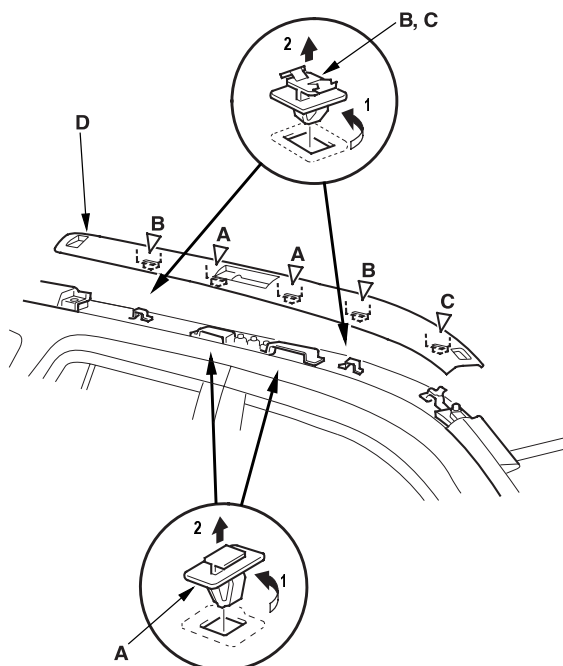
C ► : Clip (Yellow), 2  
E ► : Clip (Gray), 1

D ► : Clip, 2



- Release the trim from the clips (C, D, E), and release the hooks (F) by sliding the trim rearward, and remove the trim. Take care not to scratch the other trim and body.

- Replace any damaged clips (A, B, C).



- Remove the clips (A, B, C) from the body, and install them on the roof side front trim (D).
- Fit the clips (A, B, C) into the holes in the body, then push on the trim until the clips snap into place.
- Install the bolts, and install the lids.

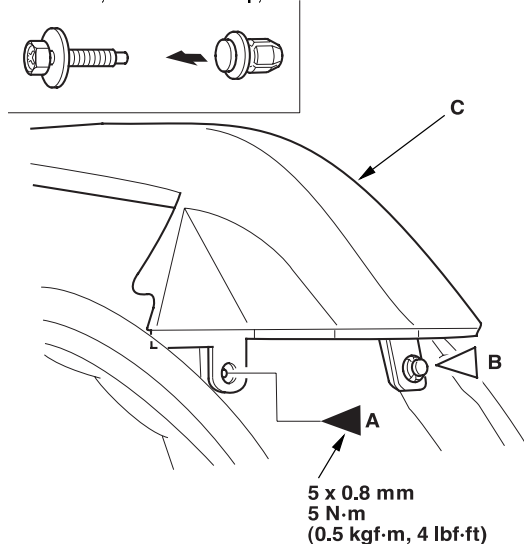
## Roof Side Rear Trim Replacement

NOTE: Put on gloves to protect your hands.

1. Remove the taillight ([see page 22A-98](#)).
2. Remove the bolt (A) and clip (B) from the rear portion of the roof side rear trim (C).

### Fastener Locations

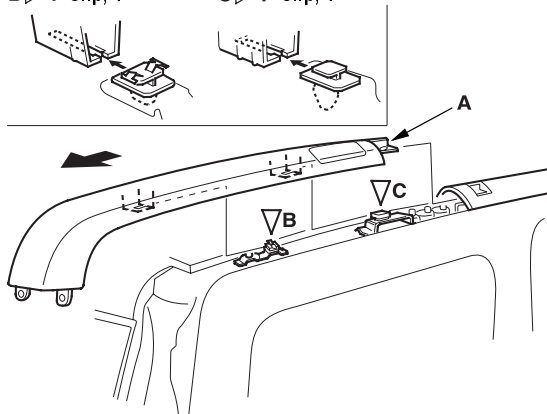
A ► : Bolt, 1    B ► : Clip, 1



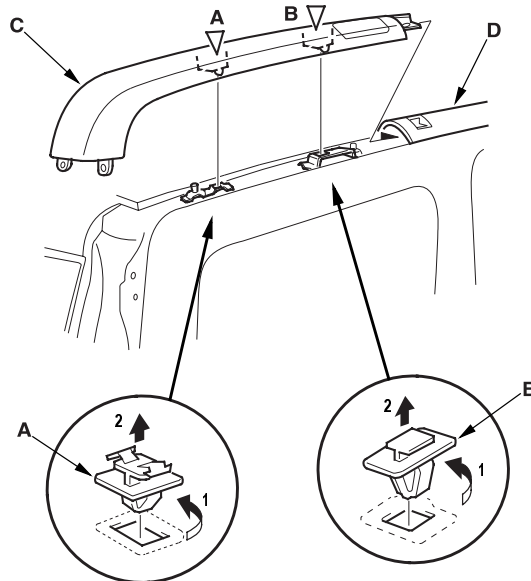
3. Using a flat-tip screwdriver wrapped with protective tape, pry up on the rear lid of the roof side front trim to detach the hook, and remove the screw ([see page 20-142](#)).
4. Remove the roof side rear trim (A) from the clips (B, C) by sliding the trim rear ward, then remove the trim. Take care not to scratch the body.

### Fastener Locations

B ► : Clip, 1    C ► : Clip, 1



5. Replace any damaged clips (A, B).



6. Remove the clips (A, B) from the body, and install them on the roof side rear trim (C).
7. Insert the roof side rear trim in the roof side front trim (D), and fit the clips (A, B) into the holes in the body, then push on the trim until the clips snap into place.
8. Install the bolt clip, and install the lid.
9. Reinstall the taillight.





## Front Wheel Arch Protector Replacement

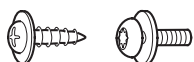
### NOTE:

- Take care not to scratch the body.
- Put on gloves to protect your hands.

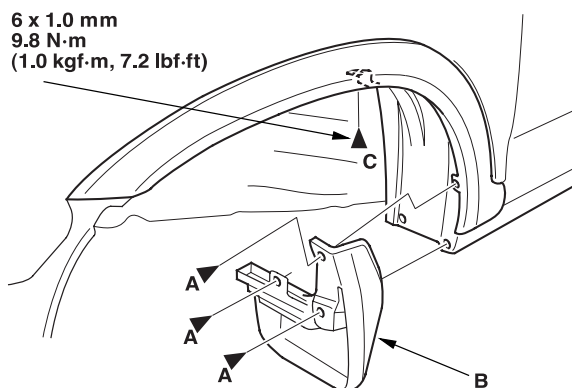
1. Remove the screw, then detach the wheel arch portion of the front bumper outward (see page 20-130).
2. On the back of the wheel arch, remove the screws (A), then remove the front splash guard (B). With a Torx T30 bit, remove the bolt (C).

### Fastener Locations

A ▶ : Screw, 3    ▶ : Bolt, 1



6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)

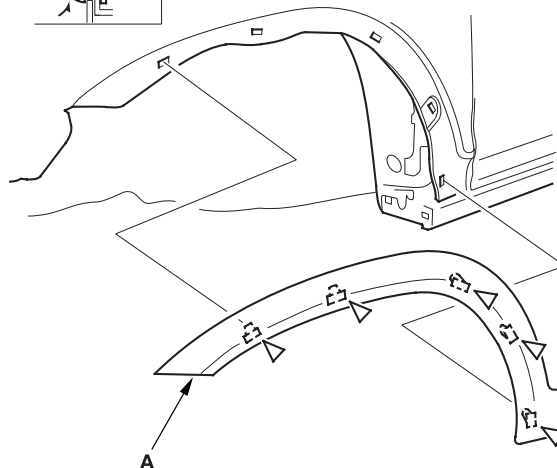
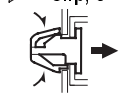


3. Remove the front inner fender (see page 20-155).

4. Remove the front wheel arch protector (A) while pinching the clips from inside the front fender.

### Fastener Locations

▷ : Clip, 5



5. Install the protector in the reverse order of removal, and replace any damaged clips.

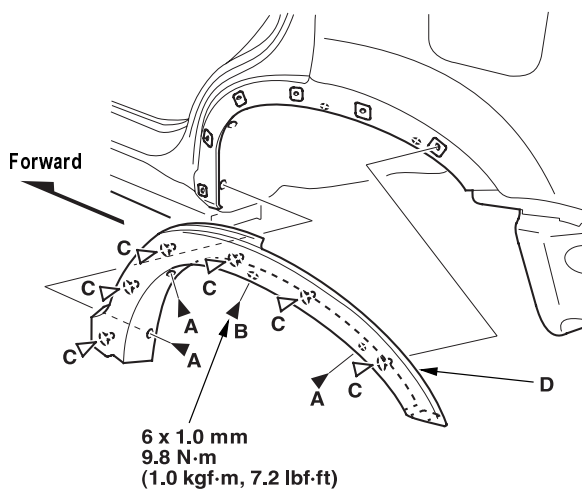
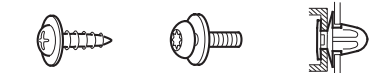
## Rear Wheel Arch Protector Replacement

NOTE: Take care not to scratch the body.

1. Remove the screw, and detach the wheel arch portion of the rear bumper outward (see page 20-131), then open the rear door.
2. From the wheel arch, remove the screws (A). With a Torx T30 bit, remove the bolt (B).

### Fastener Locations

A ► : Screw, 3    B ► : Bolt, 1    E ► : Clip, 6



3. Remove the rear wheel arch protector (D) while pinching the clips (E) from inside the rear fender.
4. Install the protector in the reverse order of removal, and replace any damaged clips.



## Door Moldings Replacement

### NOTE:

- Wrap the blade of your putty knife or flat-tip screwdriver with protective tape to prevent damage to the door.
- Be careful not to pry too far or you may bend the molding.
- Put on gloves to protect your hands.

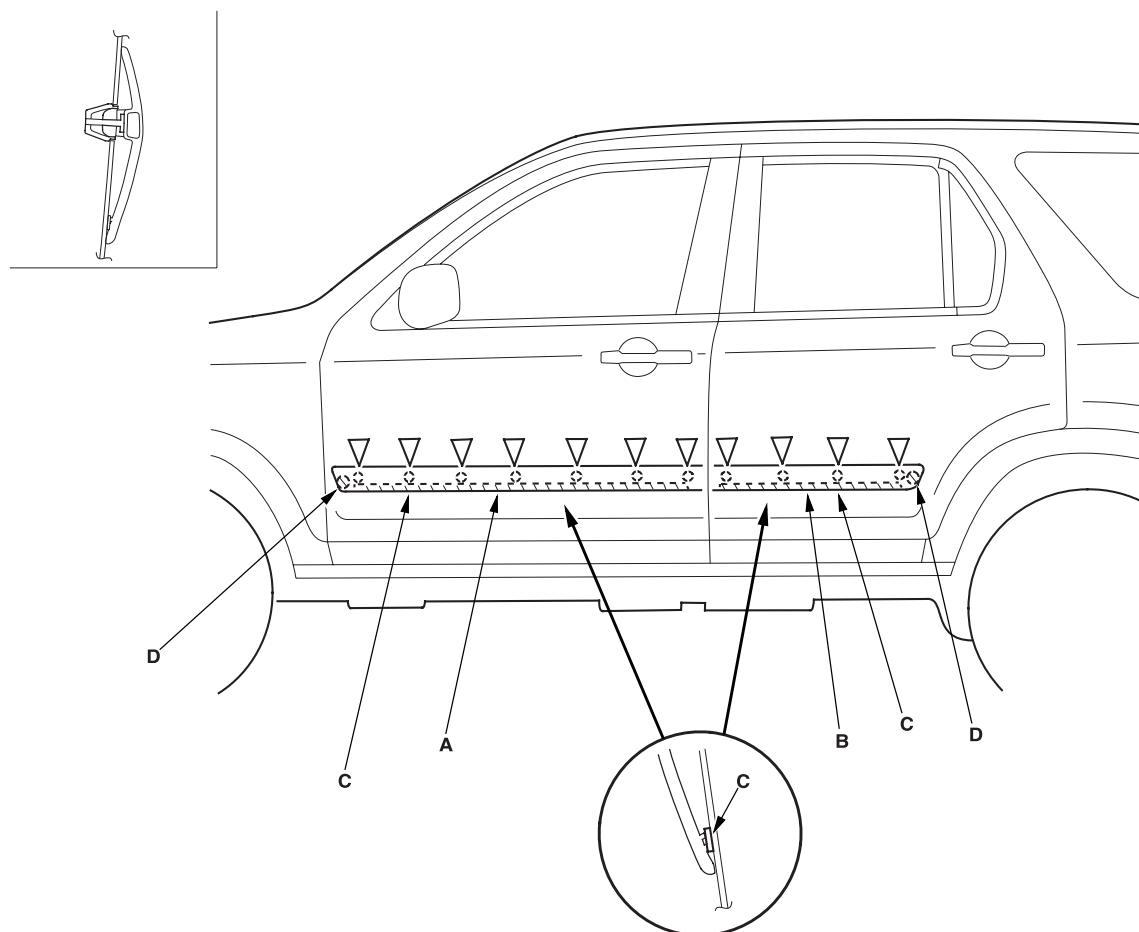
1. Prepare to release the molding clips from inside the vehicle:
  - To remove the front door molding, remove the front door panel ([see page 20-9](#)) and plastic cover.
  - To remove the rear door molding, remove the rear door panel ([see page 20-21](#)) and plastic cover.
2. Release the clips and gently pry the front door molding (A) or rear door molding (B) away from the door while removing the adhesive tape (C, D).

**Adhesive tape C:** 3M5311 or equivalent  
Thickness 1.2 mm (0.047 in.), Width 5 mm (0.2 in.)

**Adhesive tape D:** 3M5311 or equivalent  
Thickness 1.2 mm (0.047 in.), Width 8 mm (0.3 in.)

### Fastener Locations

▷ : Clip, 11



3. Install the moldings in the reverse order of removal, and replace any damaged clips and adhesive tape.

## Door Lower Trim Replacement

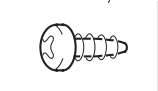
### NOTE:

- Take care not to scratch the door.
- Put on gloves to protect your hands.

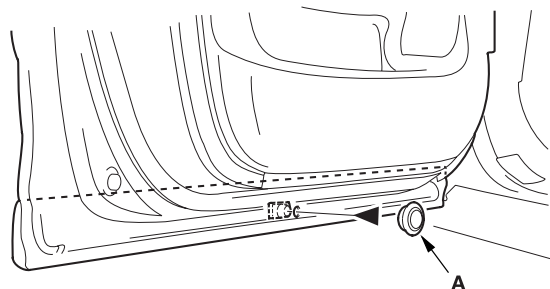
1. Open the front or rear door fully, remove the maintenance cap (A) from the door, then remove the screw.

### Fastener Location

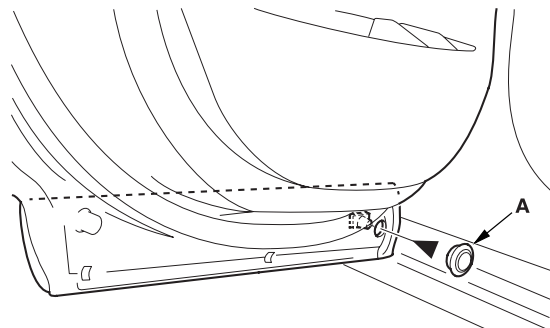
► : Screw, 1



### Front Door:



### Rear Door:

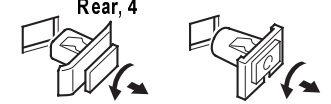


2. For rear door lower trim removal, close the rear door half-way.

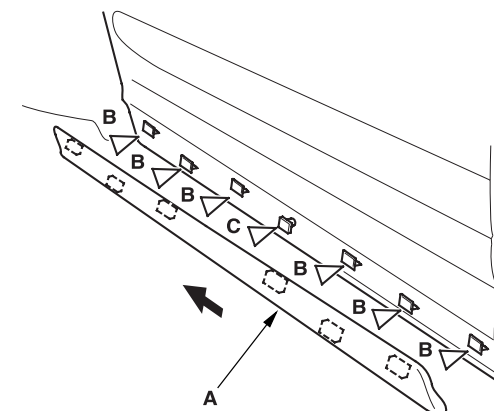
3. Slide the door lower trim (A) forward and remove it. Clips (B, C) will stay in the body.

### Fastener Locations

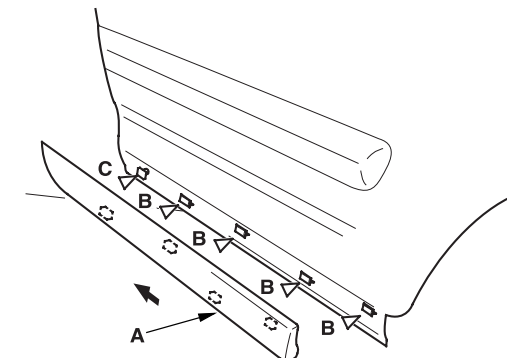
B ► : Clip, Front, 6 Rear, 4  
C ► : Clip, 1



### Front Door:



### Rear Door:



4. Remove the clips (B, C) from the body.
5. Replace any damaged clips.
6. Reinstall the clips (B, C) on the door lower trim, then secure the middle clip (front door) (C) or the front clip (rear door) (C) with the screw you removed in step 1. Make sure the clips are not upside down.
7. Hold the trim up, and fit all the clips into the holes in the door, then push on the trim until the clips snap into place.
8. Install the maintenance cap on the door.

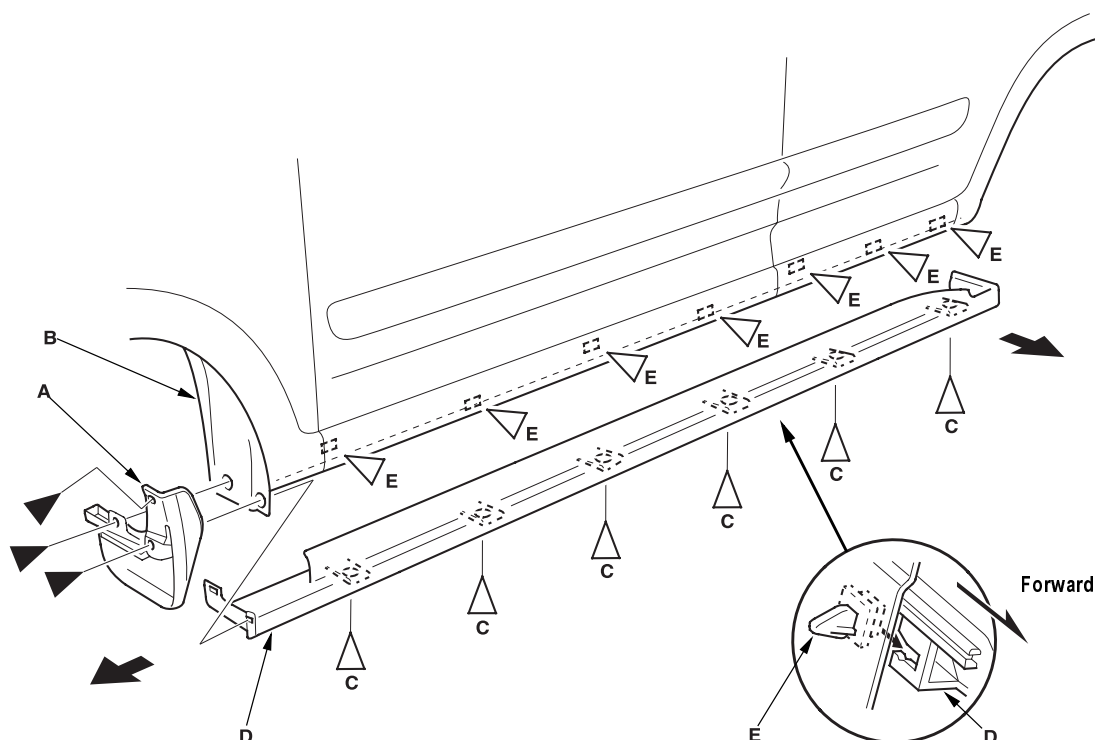


## Side Sill Panel Replacement

1. Remove the side sill panel.
  - 1 Remove the splash guard (A).
  - 2 Pull the inner fender (B) back as necessary, and remove the expansion clip (C).
  - 3 Slide the side sill panel (D) forward, and remove it. The side clips (E) will stay in the body.
  - 4 Remove the side clips from the body.

### Fastener Locations

► : Screw, 3    C ► : Clip, 6    E ► : Clip, 7



2. Replace any damaged clips.
3. Install the side clips on the side sill panel.
4. Hold the panel up, and fit all the side clips into the holes in the body, then push on the panel until the clips snap into place.
5. Install all the expansion clips.
6. Reinstall the inner fender and splash guard.

## Tailgate Lower Trim Replacement

### NOTE:

- Take care not to scratch the tailgate.
- Put on gloves to protect your hands.

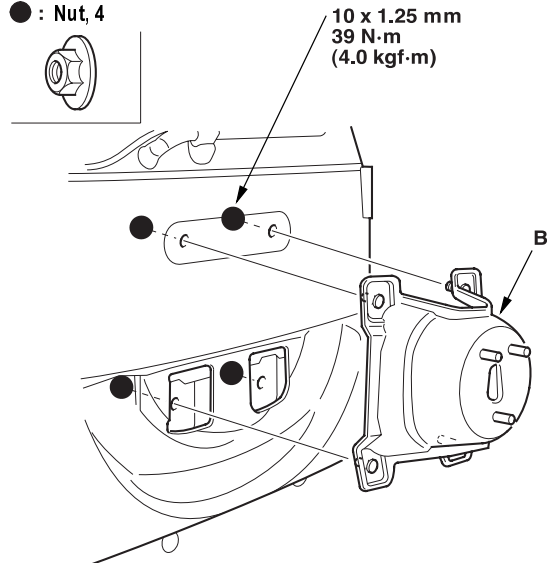
### 1. Remove these items:

- License plate (for some models)
- Tailgate lower trim panel ([see page 20-80](#))

### 2. Remove the spare tyre holder (A).

#### Fastener Locations

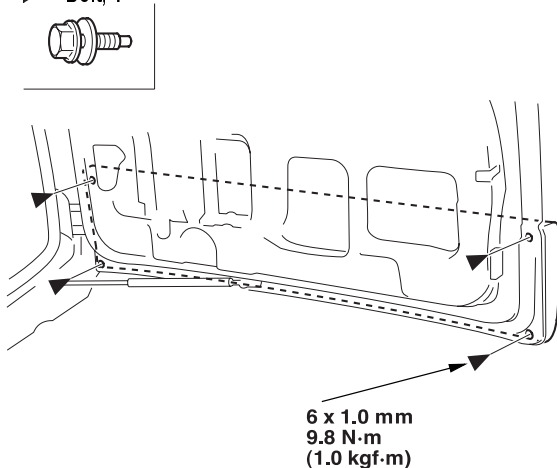
● : Nut, 4



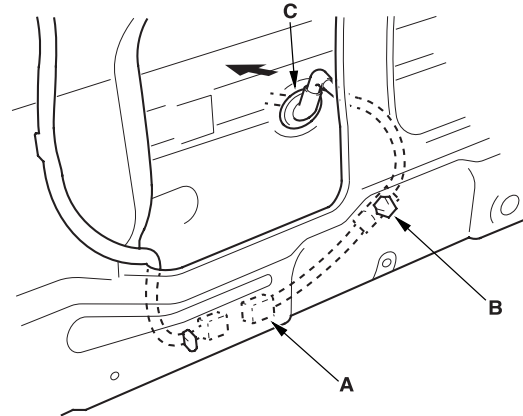
### 3. Open the tailgate, then remove the bolt securing the tailgate lower trim.

#### Fastener Locations

▶ : Bolt, 4



### 4. For some models: Disconnect the license light connector (A), detach the harness clip (B), then pull out the grommet (C).

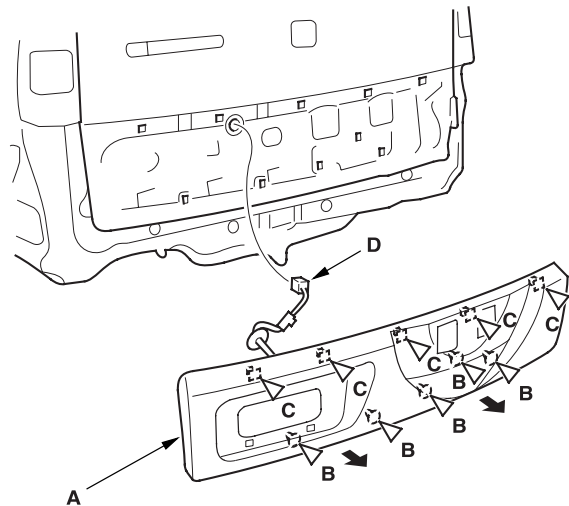


### 5. Pull out along the bottom of the tailgate lower trim (A) to detach the lower clips (B). While pinching the upper clips (C) from inside the tailgate, remove the tailgate lower trim. If equipped, pull the license light harness (D) out from inside the tailgate.

#### Fastener Locations

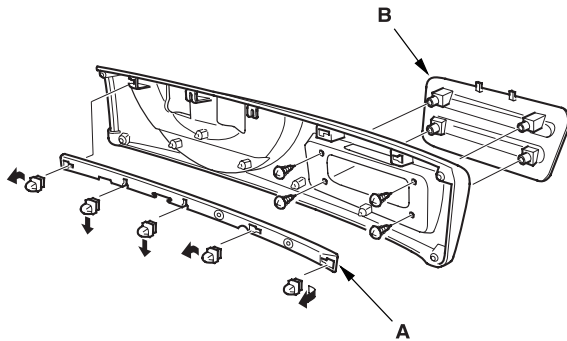
B▷ : Clip, 5

C▷ : Clip, 5





6. If necessary, remove the clips as shown, and remove the stiffener (A). And if applicable, remove the screws to remove the license cover (B).



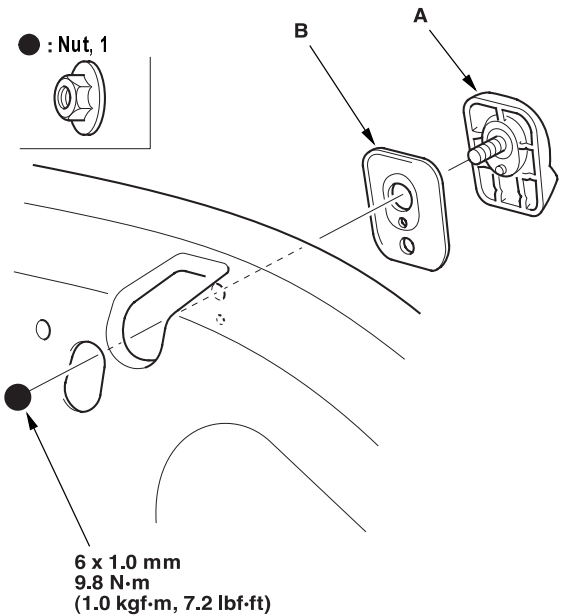
7. Install the trim in the reverse order of removal, and note these items:
  - Replace all the spare tyre holder mounting nuts as new ones.
  - Replace any damaged clips.

## Rear Window Wiper Lifter Replacement

1. Remove the tailgate lower trim panel (see page 20-80).
2. Remove the nut from inside the tailgate, then remove the rear window wiper lifter (A) and the seal (B).

### Fastener Location

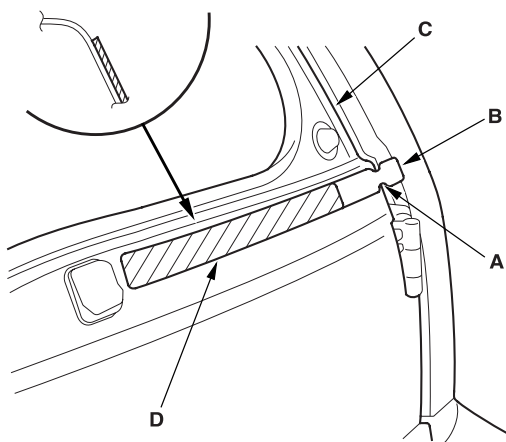
● : Nut, 1



3. Install the lifter in the reverse order of removal.

### Rear Window Wiper Protection Tape Replacement

1. Slowly peel up the old rear window wiper protection tape.
2. Clean the tailgate bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease, and water from getting on the surface.
3. Peel the adhesive backing from the rear window wiper protection tape.
4. Align the notch (A) of the application tape (B) with the edge of the tailgate (C) and align the top edge of the application tape with the edge of the tailgate, then press the rear window wiper protection tape (D) into place.



5. Remove the application tape.

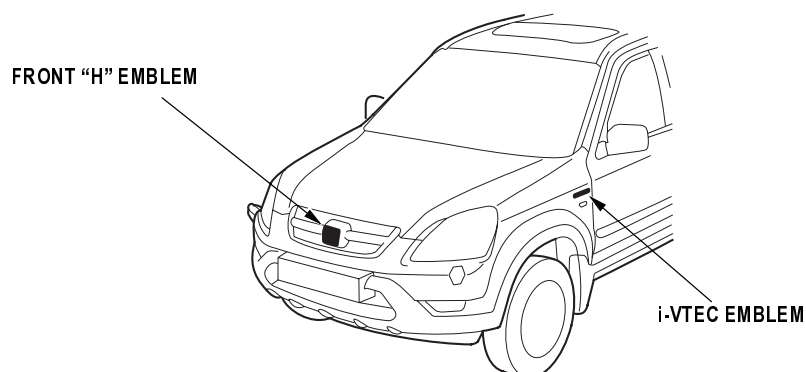




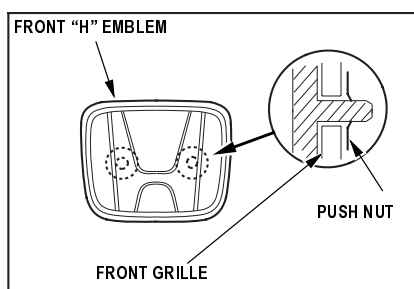
## Emblem/Sticker Replacement

NOTE: When removing the emblem/sticker, take care not to scratch the body.

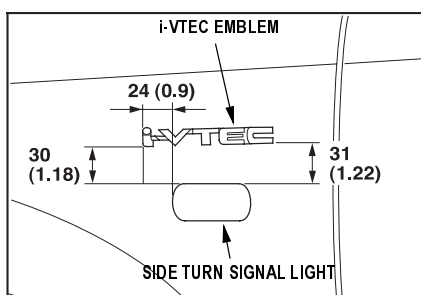
1. To remove the front "H" emblem, remove the front grille ([see page 20-139](#)).
2. Clean the body surface with a sponge dampened in alcohol. After cleaning, keep oil, grease, and water from getting on the surface.
3. Apply the emblem/sticker, where shown. When installing the REALTIME 4WD sticker on the hatch glass, align the application tape with the alignment marks, then press the sticker into place, and remove the application tape.



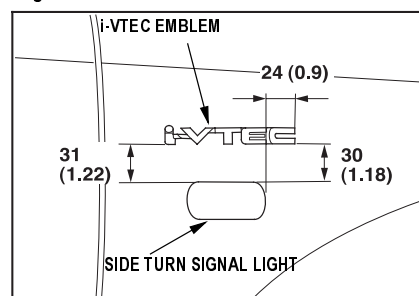
Unit: mm (in.)



Left side:

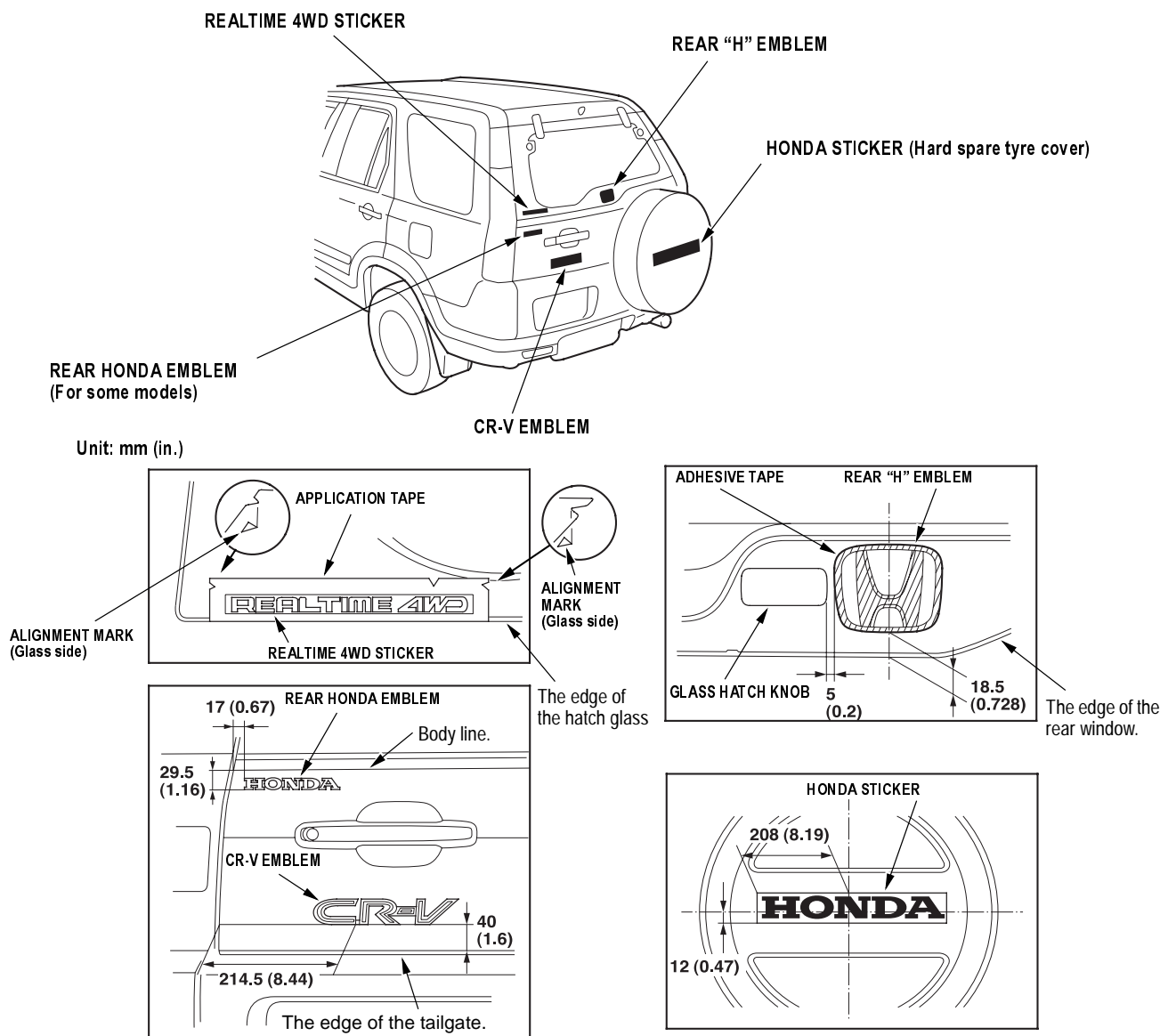


Right side:



(cont'd)

Emblem/Sticker Replacement (cont'd)



4. After installing the front "H" emblem, reinstall the front grille to the front bumper, and reinstall the front bumper.



## Fenderwell

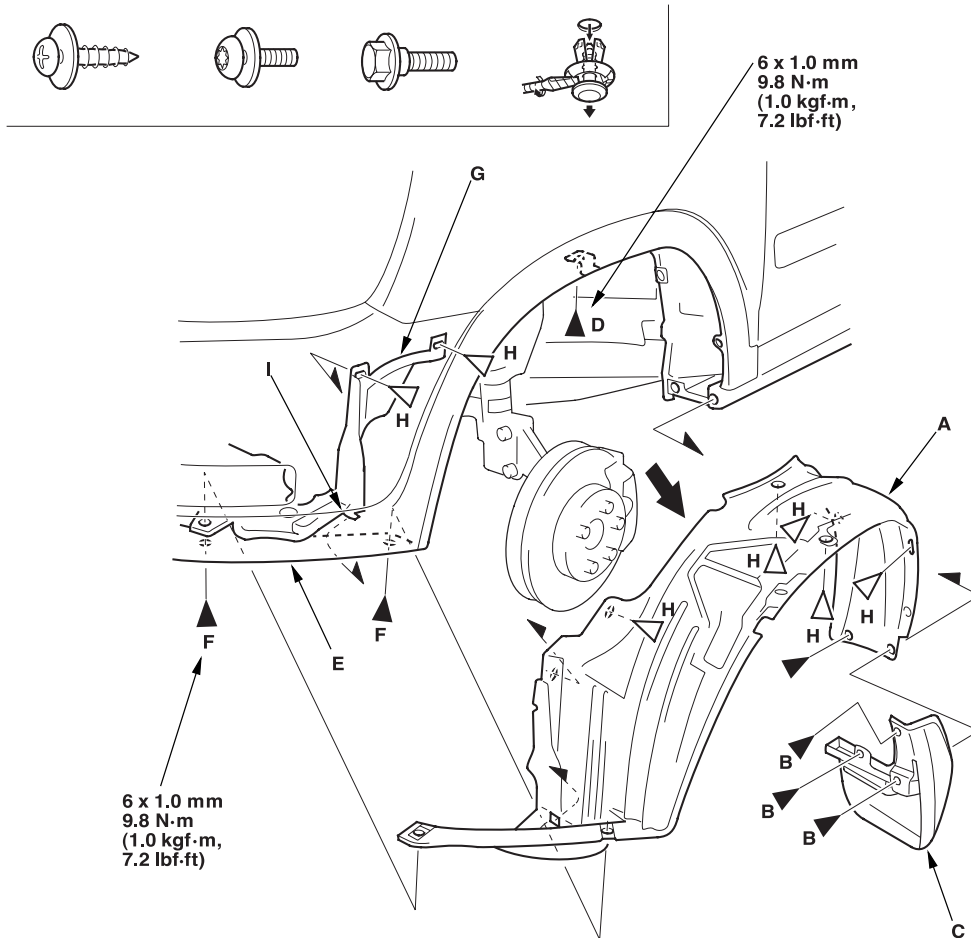
### Front Inner Fender Replacement

NOTE: Take care not to scratch the body.

1. Remove the front inner fender (A).
  - 1 On the back of the wheel arch, remove the screws (B), then remove the front splash guard (C).
  - 2 With a Torx T30 bit, remove the bolt (D) securing the front wheel arch protector.
  - 3 From under the front bumper (E), remove the bolt (F) securing the front bumper, splash shield (G), and front inner fender.
  - 4 From the wheel arch, remove the clips (H) securing the front inner fender (and splash shield) on the body.
  - 5 Release the hook (I) of the splash shield, then remove the front inner fender.

#### Fastener Locations

B ► : Screw, 3    D ► : Bolt, 1    F ► : Bolt, 2    H ► : Clip, 7



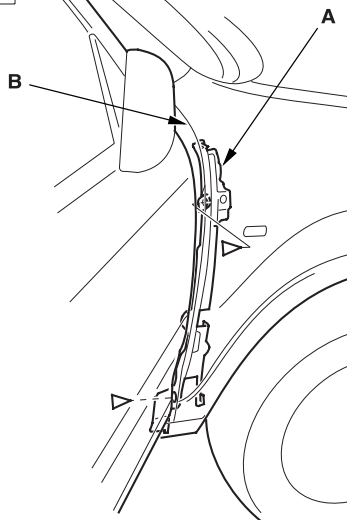
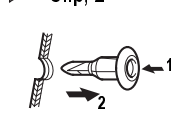
2. Install the inner fender in the reverse order of removal, and replace any damaged clips.

## Front Fender Fairing Replacement

1. Remove the front inner fender as necessary (see page 20-155).
2. For the left front fender fairing removal, remove the washer reservoir (see page 22A-224).
3. Open the front door. From outside the door, remove the upper clip, and from inside the door, remove the lower clip securing the front fender fairing (A) and front fender (B).

### Fastener Locations

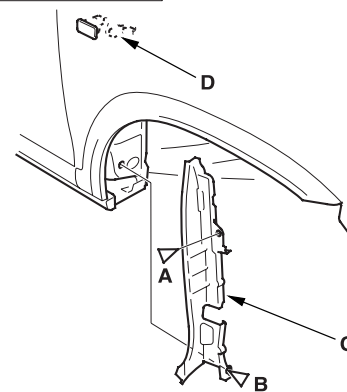
▷ : Clip, 2



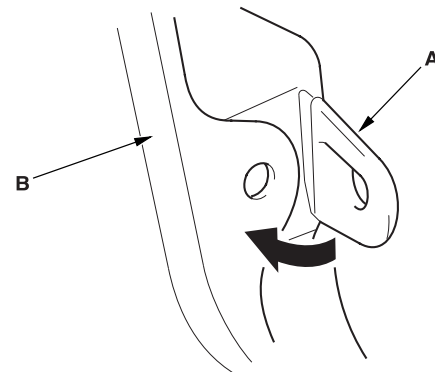
4. From the wheel arch, remove the clip (A), and release the clip (B), then remove the front fender fairing (C). If the fairing is caught by the side turn signal light harness, disconnect the connector (D).

### Fastener Locations

A▷ : Clip, 1 B▷ : Clip, 1



5. Install the fender fairing in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Before installing the clips of the door upper and lower portions, install the front fender fairing (A) to the front fender (B) properly as shown.



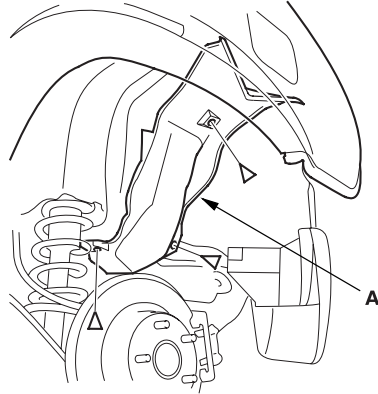
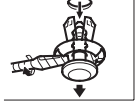


### Fuel Pipe Protector Replacement

1. Remove the clips, then remove the fuel pipe protector (A). Take care not to scratch the body.

Fastener Locations

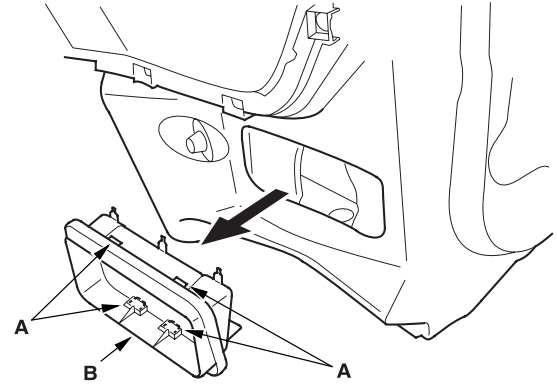
▷ : Clip, 3



2. Install the protector in the reverse order of removal, and replace any damaged clips.

### Rear Air Outlet Replacement

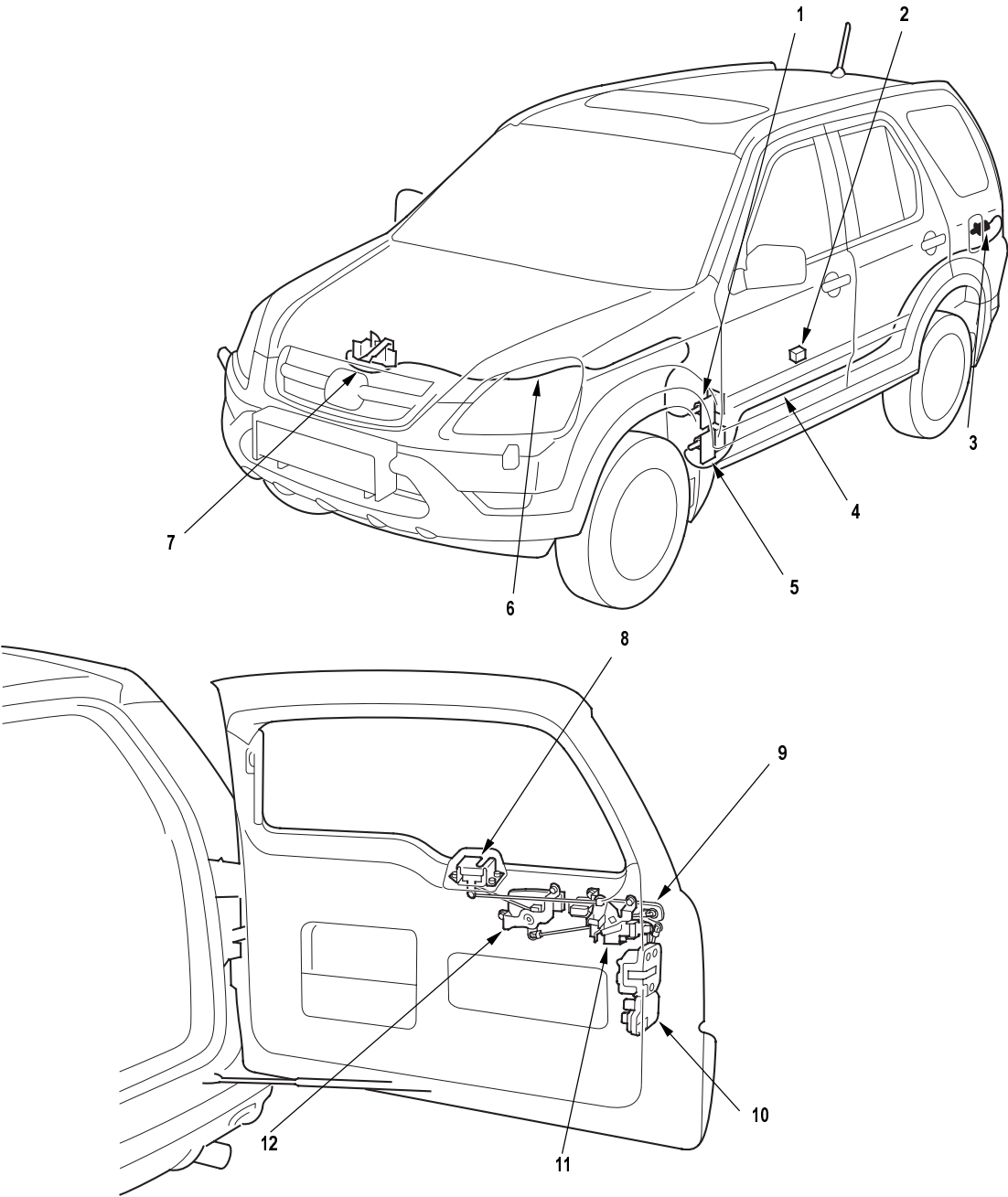
1. Remove the rear bumper ([see page 20-131](#)).
2. Detach the hooks (A), then remove the rear air outlet (B). Take care not to scratch the body.



3. Install the air outlet by pushing on the hook portions until the hooks snap into place.

Openers

Component Location Index



1	HOOD RELEASE HANDLE	<a href="#">page 20-159</a>	7	HOOD LATCH	Replacement, <a href="#">page 20-162</a>
2	HATCH GLASS OPENER SWITCH	Test, ( <a href="#">see page 22A-181</a> )	8	HATCH GLASS LATCH	Replacement, <a href="#">page 20-166</a>
3	FUEL FILL DOOR LATCH	<a href="#">page 20-160</a>	9	TAILGATE HANDLE	Replacement, <a href="#">page 20-163</a>
4	FUEL FILL DOOR OPENER CABLE	Replacement, <a href="#">page 20-160</a>	10	TAILGATE LATCH	Replacement, <a href="#">page 20-164</a>
5	FUEL FILL DOOR OPENER	<a href="#">page 20-160</a>	11	TAILGATE STOPPER ASSEMBLY	Replacement, <a href="#">page 20-165</a>
6	HOOD OPENER CABLE	Replacement, <a href="#">page 20-159</a>	12	HATCH GLASS ACTUATOR	Replacement, <a href="#">page 20-167</a>



## Hood Opener Cable Replacement

### NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the body and related parts.

### 1. Remove these items:

- Front inner fender (see page 20-155)
- Kick panel (see page 20-76)

### 2. Disconnect the hood opener cable (A) from the hood latch (B) (see page 20-162), and remove the bolts (C), then remove the hood release handle (D).

#### Fastener Locations

C ► : Bolt, 2

E ► : Clip

LHD without side turn signal light, 3  
LHD with side turn signal light/RHD, 2

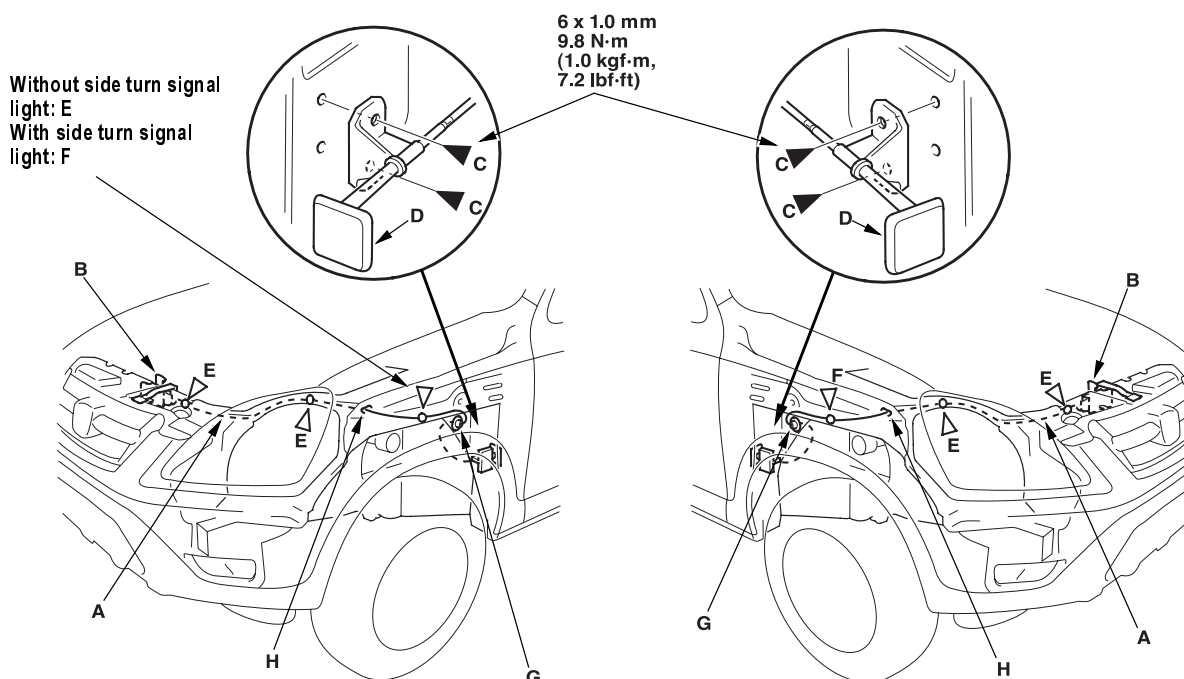
F ► : Clip

LHD without side turn signal light/RHD, 3



LHD:

RHD:



### 3. Using a clip remover, detach the clips (E), and remove the cable from the clip (F). Remove the grommet (G) from the body, then remove the hood opener cable from the vehicle. Take care not to bend the cable.

### 4. Install the cable in the reverse order of removal, and note these items:

- Replace any damaged clips.
- Route the cable through the hole (H) in the body.
- Make sure the hood opens properly and locks securely.

## Fuel Fill Door Opener Cable Replacement

SRS components are located in this area. Review the SRS component locations ([see page 23-14](#)), and the precautions and procedures ([see page 23-16](#)) in the SRS section before performing repairs or service.

### NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the body and related parts.

### 1. Remove these items:

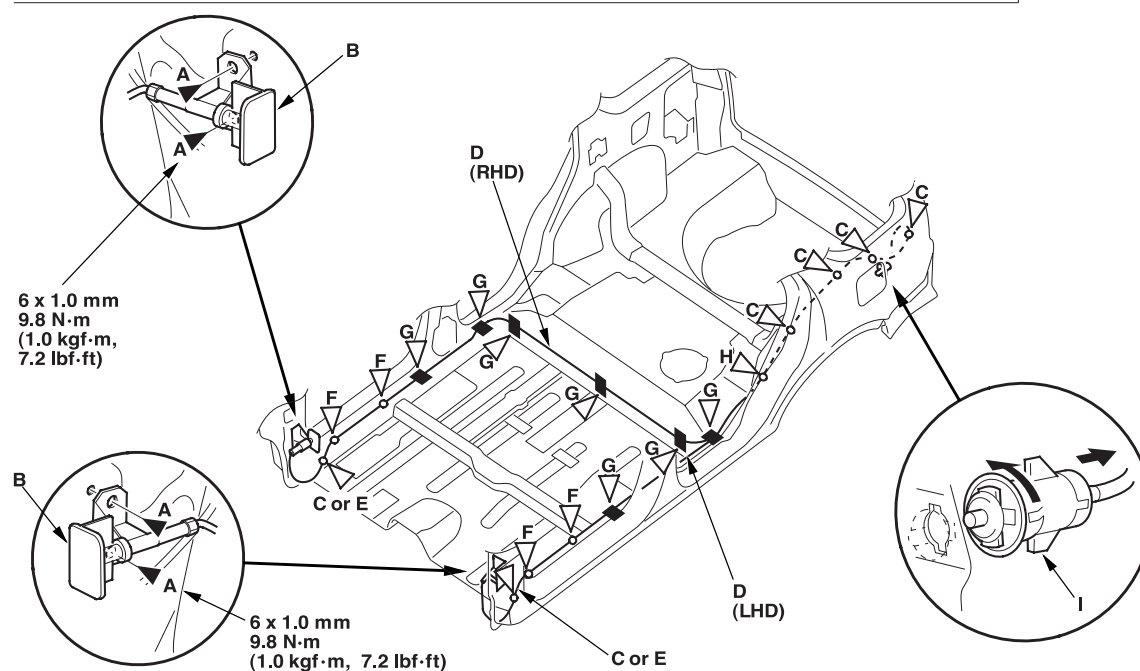
- Front door sill trim ([see page 20-76](#))
- Kick panel ([see page 20-76](#))
- Rear door sill trim ([see page 20-76](#))
- Center pillar lower trim ([see page 20-76](#))
- Rear seat ([see page 20-114](#))
- Rear side trim panel, left side ([see page 20-77](#))

### 2. Pull the carpet back as necessary ([see page 20-85](#)).

### 3. Remove the bolts (A), then remove the opener (B). Detach the clip (C) (for some models) by using a clip remover, and remove the fuel fill door opener cable (D) from the clips (E, F).

#### Fastener Locations

A ▶ : Bolt, 2    C ▶ : Clip, 5 or 4    E ▶ : Clip, 1    F ▶ : Clip, 2    G ▶ : Cushion tape 2 or 6    H ▶ : Clip, 1



### 4. Remove the cushion tape (G). Remove the cable from the clip (H), and detach the clips (C) by using a clip remover.

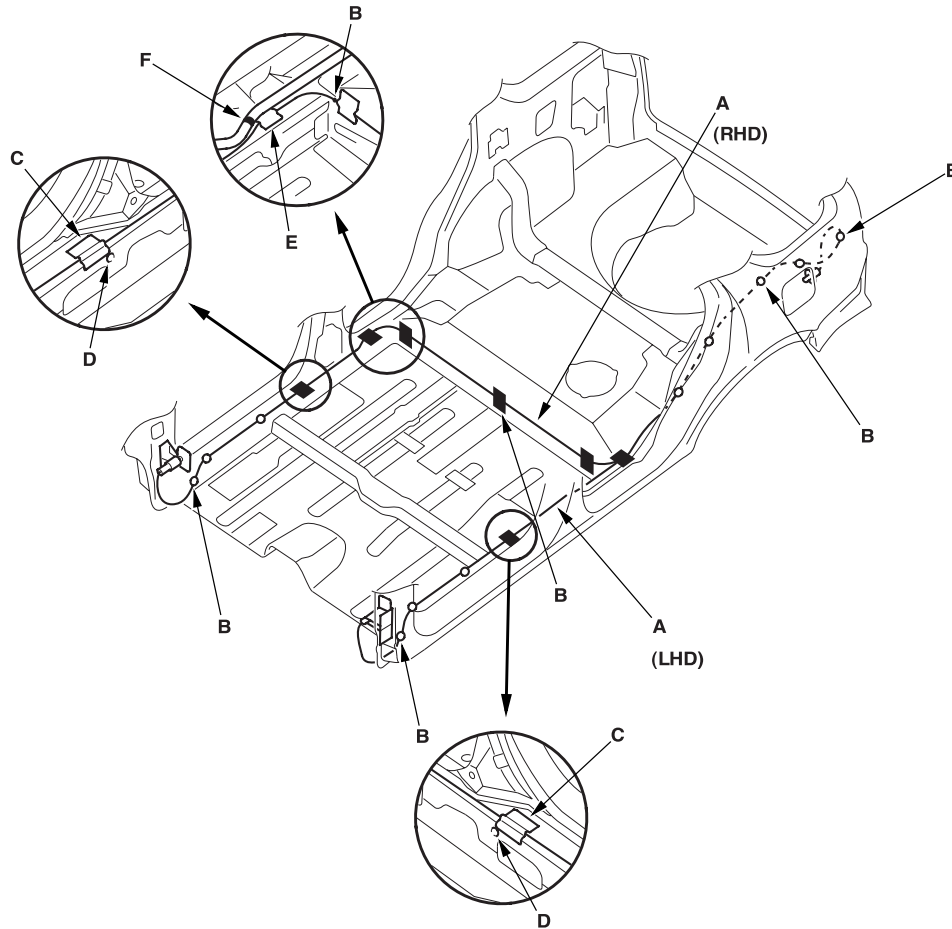
### 5. Remove the fuel fill door latch (I) from the body by turning it 90°, then remove the fuel fill door opener cable from the vehicle. Take care not to bend the cable.





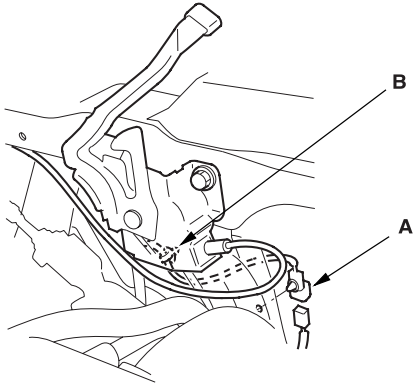
**6. Install the opener cable (A) in the reverse order of removal, and note these items:**

- Replace any damaged clips, and replace the cushion tape.
- Align the mark (B) on the cable with the clips and cushion tape. At the bottom of the center pillar, align the front cushion tape (C) with the hole (D) in the body, and or RHD, align rear cushion tape (E) with a harness clip (F).



## Hood Latch Replacement

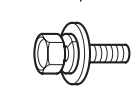
1. If equipped, detach the hood latch switch connector (A) and the harness clip (B) from the body, and disconnect the connector.



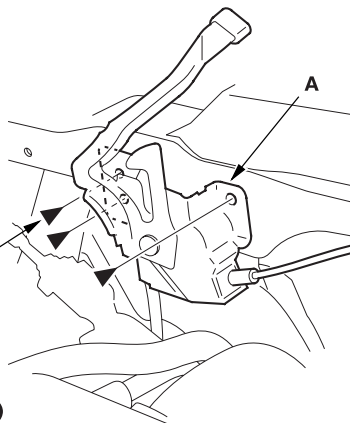
2. Remove the bolts, then remove the hood latch (A) from the body.

### Fastener Locations

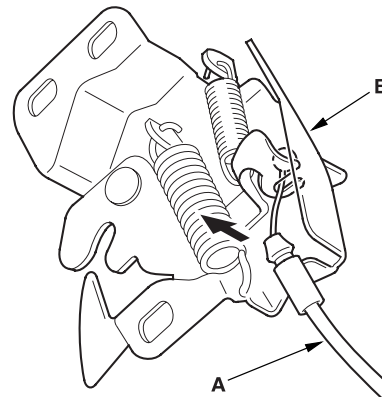
► : Bolt, 3



6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)

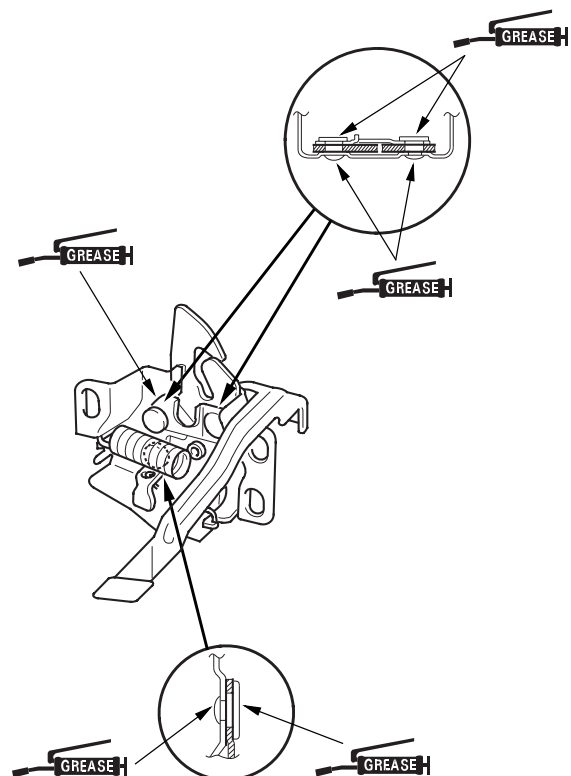


3. Disconnect the hood opener cable (A) from the hood latch (B). Take care not to bend the cable.



4. Install the hood latch in the reverse order of removal, and note these items:

- Grease each location of the hood latch indicated by the arrows.
- Make sure the hood opener cable is connected properly and hood latch switch connector is plugged in properly (for some models).
- Adjust the hood latch alignment ([see page 20-132](#)).
- Make sure the hood opens properly and locks securely.



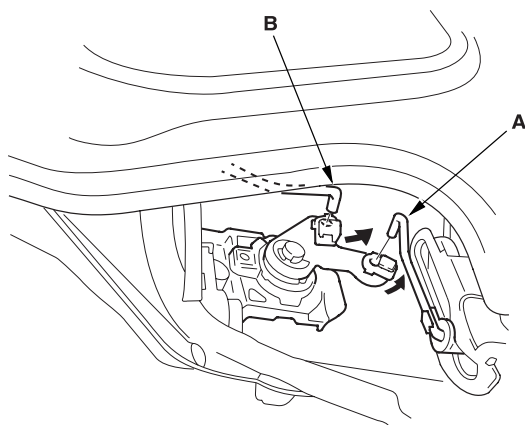


## Tailgate Handle Replacement

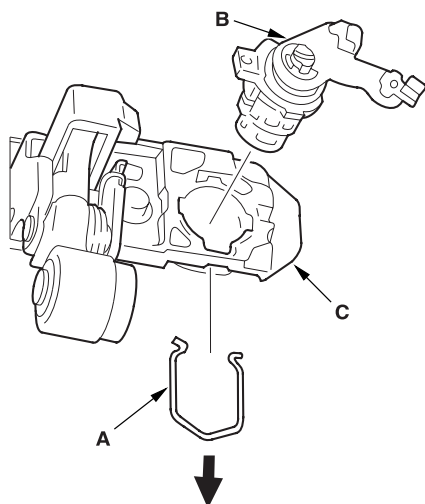
### NOTE:

- Take care not to scratch the tailgate.
- Put on gloves to protect your hands.

1. Remove the tailgate stopper assembly (see page 20-165).
2. Disconnect the cylinder rod (A) and the hatch glass open rod (B) from the tailgate lock cylinder (C).



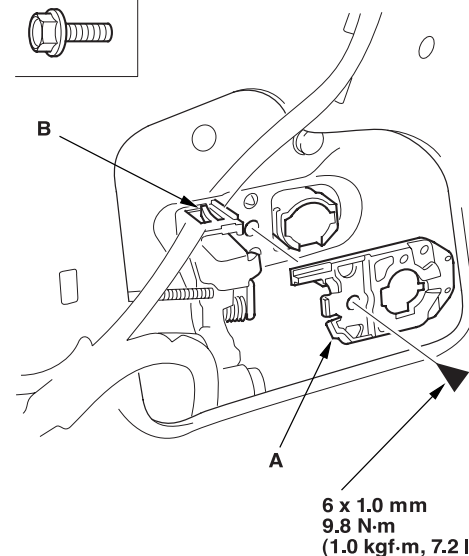
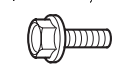
3. Release the retainer clip (A) with a hooked shaped tool, then remove the lock cylinder (B) from the tailgate handle (C).



4. Remove the bolt securing the cylinder protector (A) and tailgate handle. Release the hook (B), then remove the protector.

### Fastener Location

► : Bolt, 1

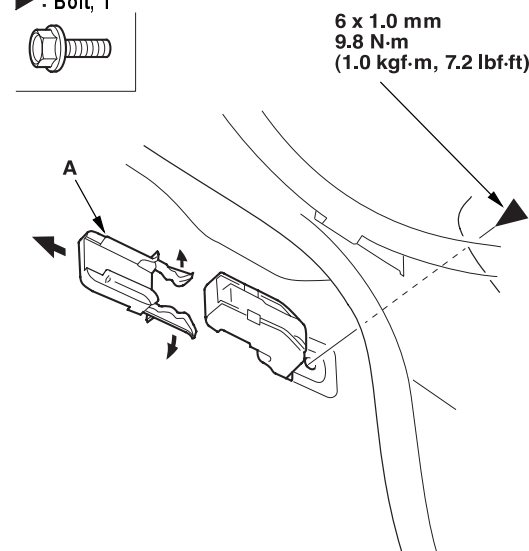
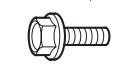


6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)

5. Remove the bolt securing the tailgate handle, and remove the spacer (A).

### Fastener Location

► : Bolt, 1

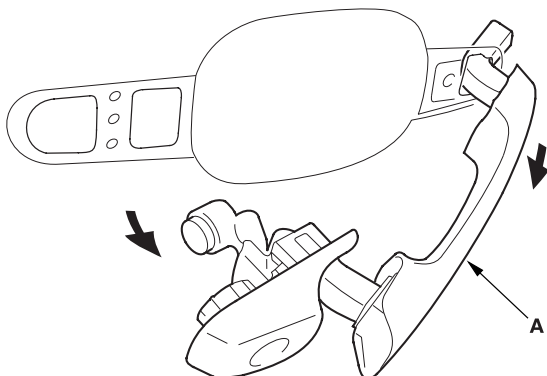


6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)

(cont'd)

### Tailgate Handle Replacement (cont'd)

6. Remove the outer handle (A) while pulling it as shown.



7. Install the tailgate handle in the reverse order of removal, and note these items:
- Make sure each rod is connected securely.
  - Make sure the tailgate locks and opens properly.
  - Install the lock cylinder retaining clip on the handle, then install the lock cylinder. Be sure the clip is fully seated in the slot on the lock cylinder.

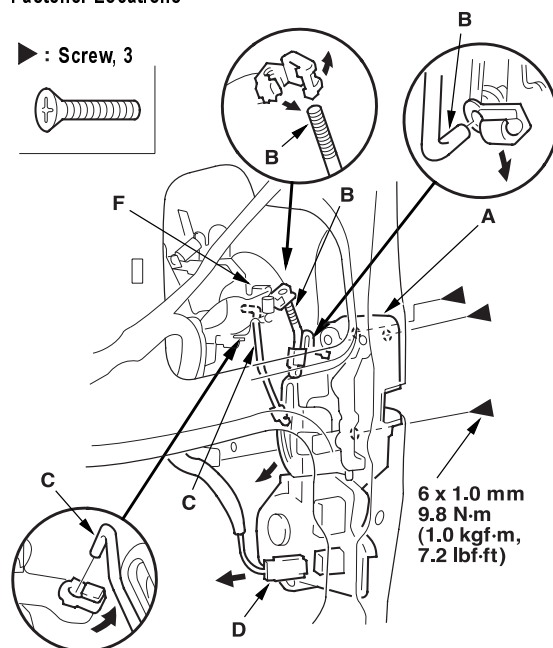
### Tailgate Latch Replacement

#### NOTE:

- Take care not to scratch the tailgate.
- Put on gloves to protect your hands.

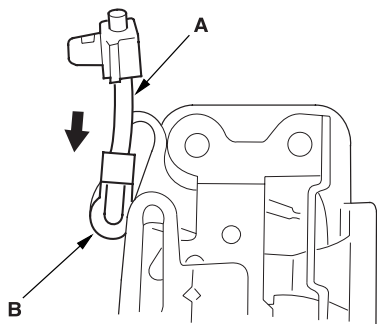
1. Remove the tailgate lower trim panel ([see page 20-80](#))
2. Remove the tailgate latch (A).
  - 1 Disconnect the tailgate rod (B) and cylinder rod (C).
  - 2 Disconnect the actuator connector (D).
  - 3 Remove the screws securing the latch.
  - 4 Remove the latch through the hole in the tailgate. Take care not to bend the tailgate rod and cylinder rod.

#### Fastener Locations





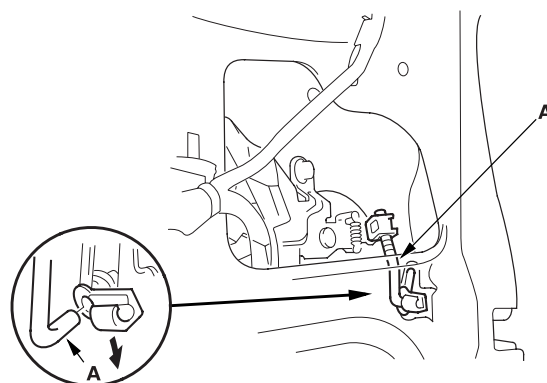
3. Install the latch in the reverse order of removal, and note these items:
  - Make sure the actuator connector is plugged in properly, and each rod is connected securely.
  - If the tailgate rod (A) was disconnected at the upper end (the tailgate stopper assembly side), reconnect it with its lower end on the bottom of a hole in the lever (B).
  - Make sure the tailgate locks and opens properly.



## Tailgate Stopper Assembly Replacement

### NOTE:

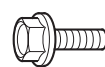
- Take care not to scratch the tailgate.
  - Put on gloves to protect your hands.
1. Remove the tailgate lower trim panel ([see page 20-80](#))
  2. Disconnect the tailgate rod (A) at the lower end from the tailgate latch.



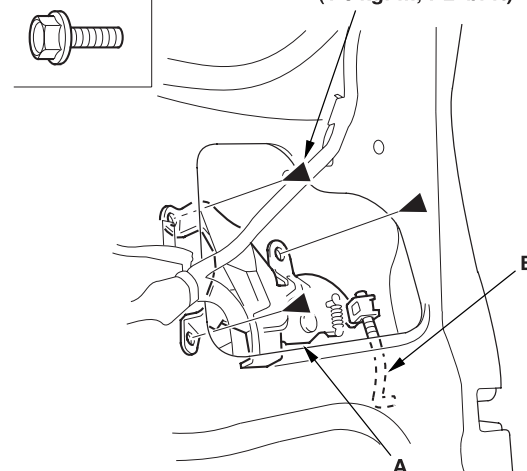
3. Remove the bolt, then remove the tailgate stopper assembly (A).

### Fastener Locations

► : Bolt, 3



6 x 1.0 mm  
9.8 N·m  
(1.0 kgf·m, 7.2 lbf·ft)



4. If necessary, disconnect the tailgate rod (B) from the tailgate stepper assembly.

(cont'd)

## Tailgate Stopper Assembly Replacement (cont'd)

5. Install the stopper assembly in the reverse order of removal, and note these items:
  - Make sure the tailgate rod is connected securely. If you removed the tailgate rod from the tailgate stopper assembly, adjust the rod when reinstalling it (see step 3 on [page 20-165](#)).
  - Make sure the tailgate opens properly.

## Hatch Glass Latch Replacement

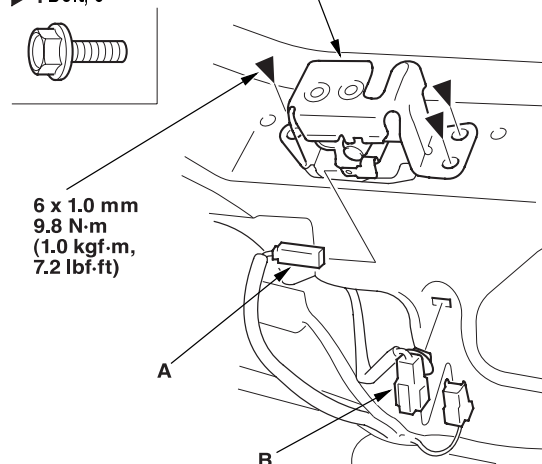
### NOTE:

- Take care not to scratch the tailgate.
- Put on gloves to protect your hands.

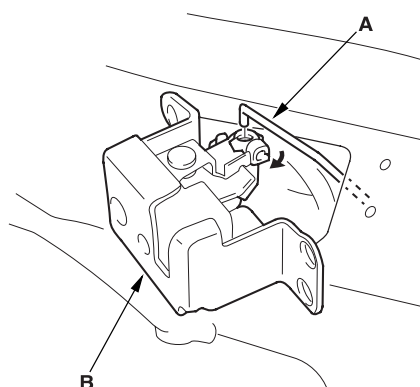
1. Remove the tailgate lower trim panel ([see page 20-80](#)).
2. Disconnect the hatch glass latch switch connector (A), hatch glass latch connector (B), and detach the hatch glass latch connector from the tailgate.

### Fastener Locations

► : Bolt, 3



3. Remove the bolts, then pull the hatch glass latch (C) out.
4. Disconnect the hatch glass rod (A), then remove the hatch glass latch (B). Take care not to bend the rod.



5. Install the latch in the reverse order of removal, and note these items:
  - Make sure each connector is plugged in properly, and the rod is connected properly.
  - Make sure the hatch glass opens properly and locks securely.

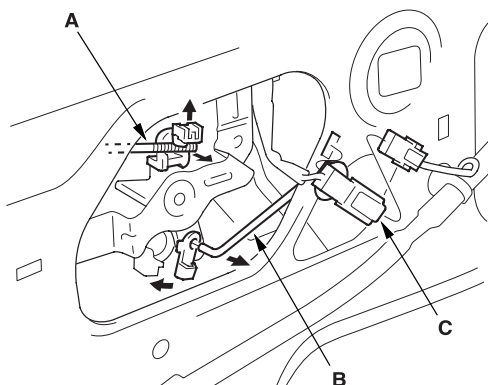


## Hatch Glass Actuator Replacement

### NOTE:

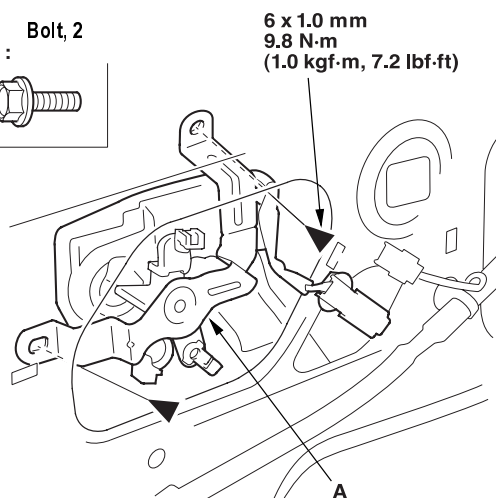
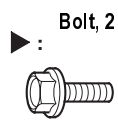
- Take care not to scratch the tailgate.
- Put on gloves to protect your hands.

1. Remove the tailgate lower trim panel (see page 20-80)
2. Disconnect the hatch glass rod (A), hatch glass open rod (B), and actuator connector (C), then detach the connector from the tailgate.



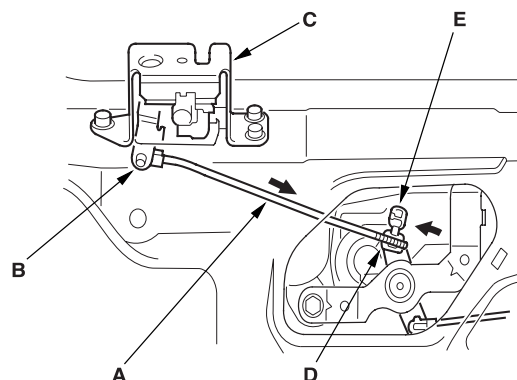
3. Remove the bolts, then remove the hatch glass actuator (A).

### Fastener Locations



4. Install the actuator in the reverse order of removal, and note these items:

- Make sure the actuator connector is plugged in properly, and each rod is connected securely.
- Reconnect the hatch glass rod (A) as following sequence.
  - Move the lever (B) of the latch (C) into lock position.
  - While holding the lever (B) into lock position, take off the looseness on the latch side of the rod by pulling the rod in direction shown by the arrow.
  - Move the lever (D) of the actuator into set position as shown by the arrow.
  - Connect the rod to the fastener (E) of the lever.
- Make sure the hatch glass opens properly and locks securely.

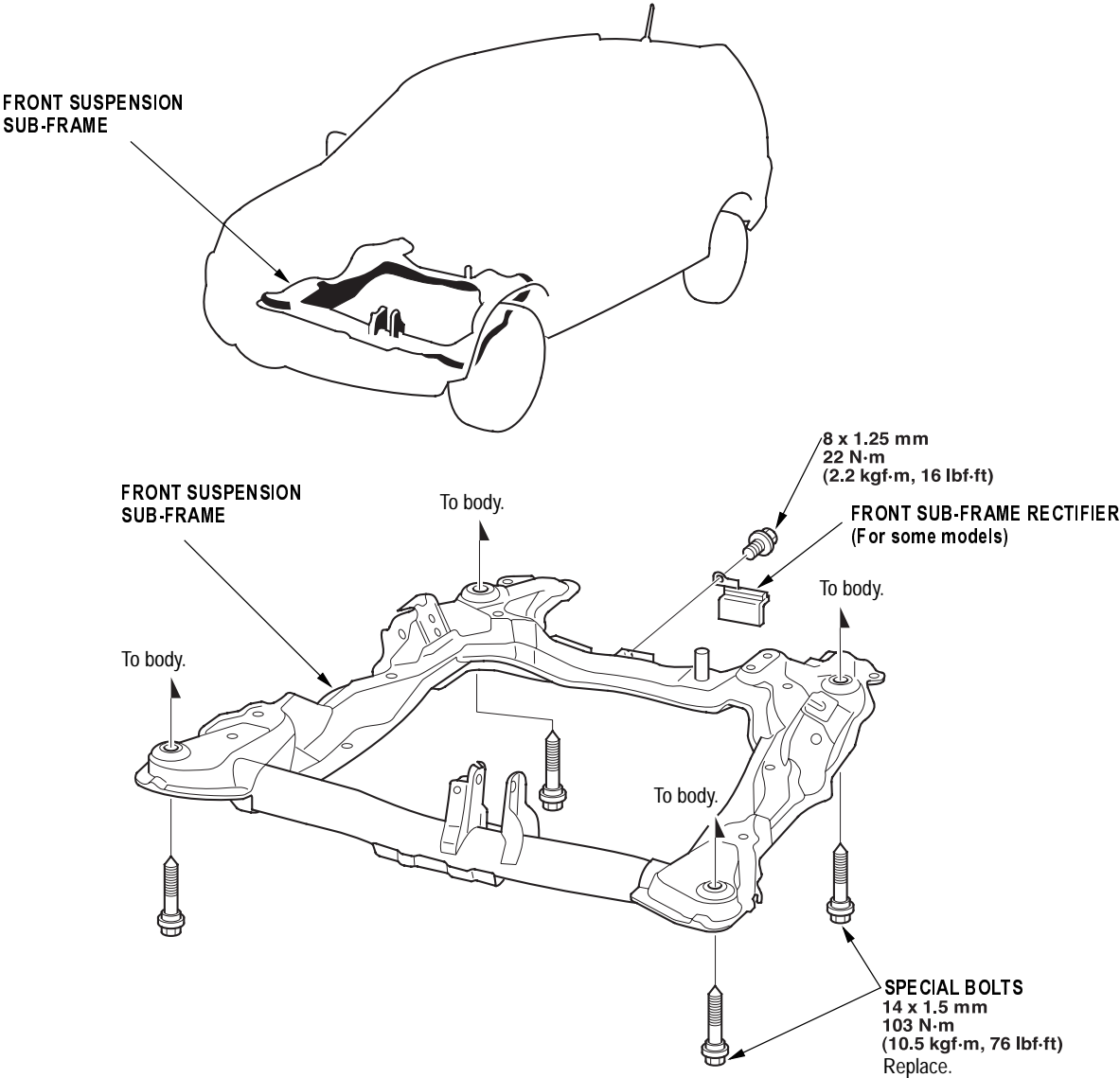


Frame

Sub-frame Replacement

Front Sub-frame Torque

NOTE: After loosening the sub-frame mounting bolts, be sure to replace them with new ones.

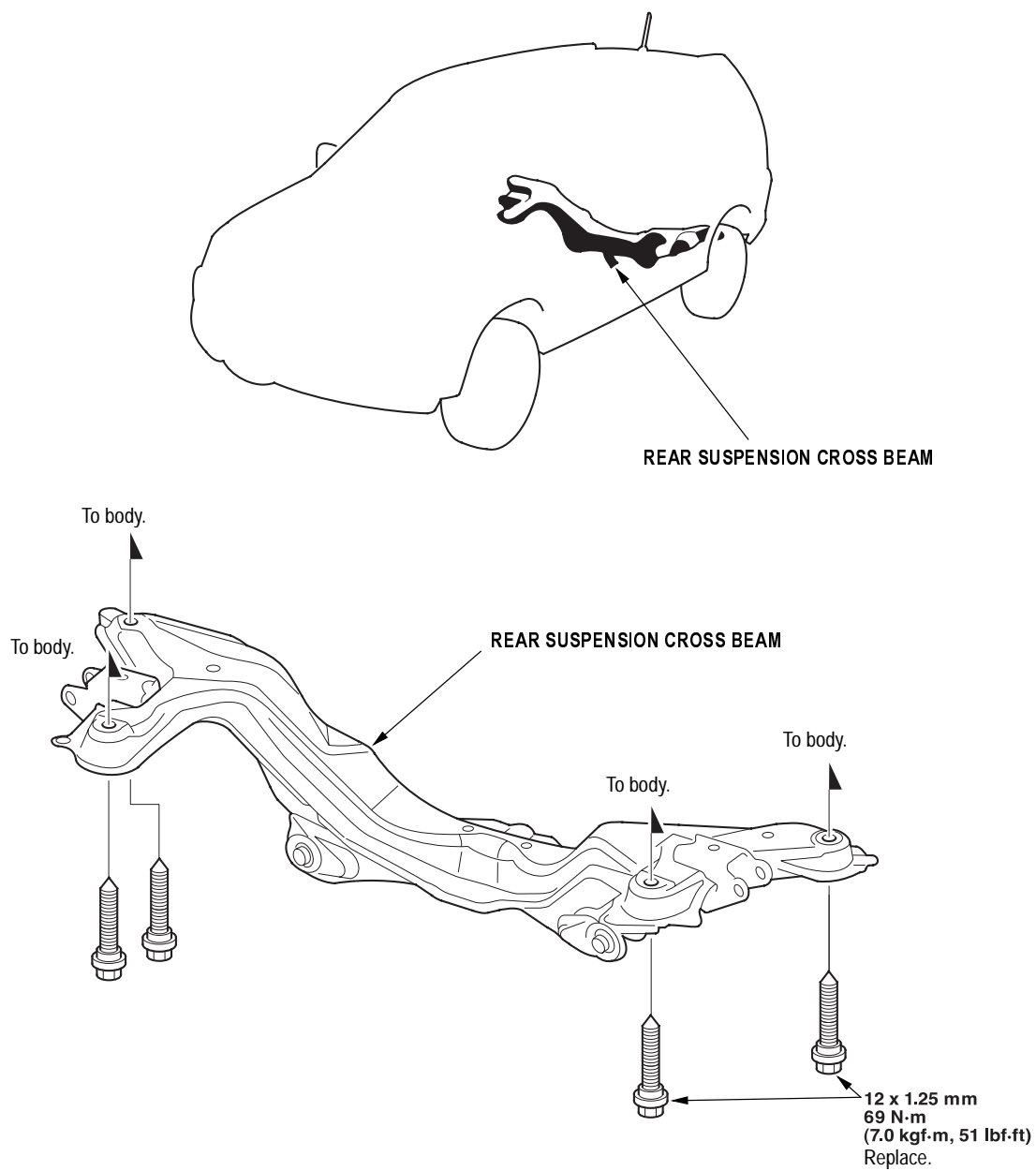






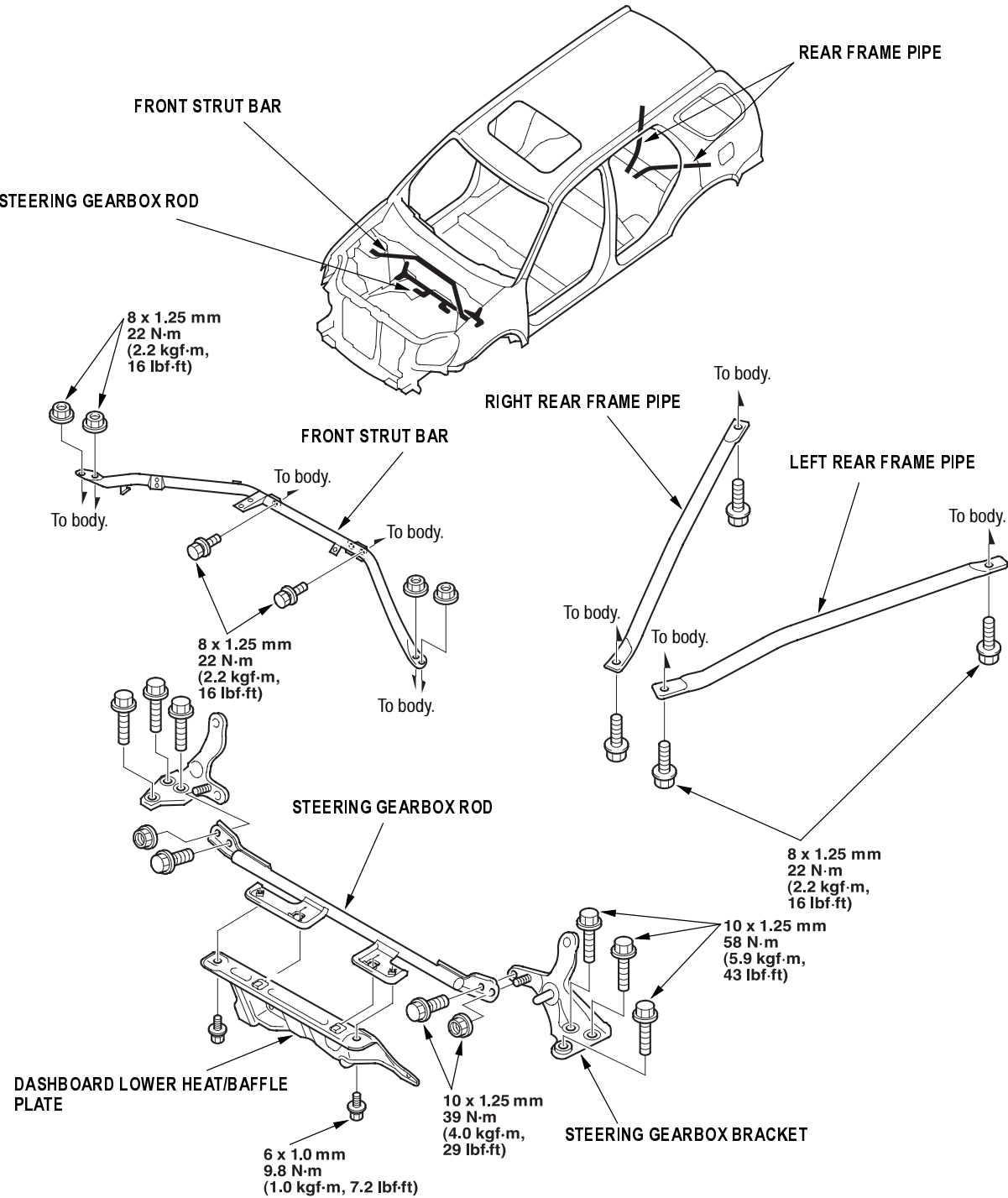
## Rear Sub-frame Torque

NOTE: After loosening the sub-frame mounting bolts, be sure to replace them with new ones.



Frame Stiffener Replacement

Front Strut Bar, Steering Gearbox Rod and Rear Frame Pipe Torque





## Frame Repair Chart

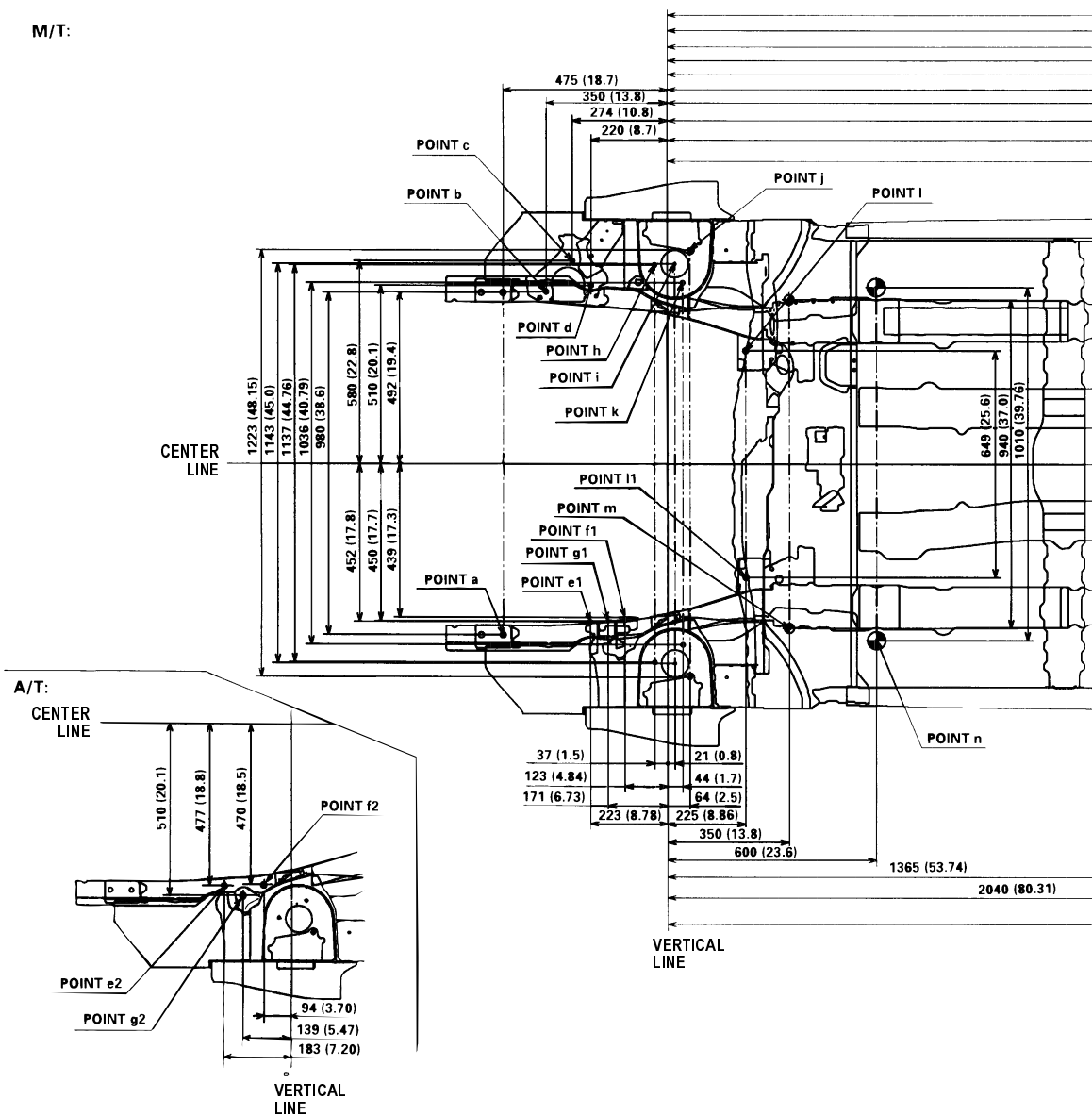
### Top View

Unit: mm (in.)

Ø: Inner diameter

- |    |                                       |    |                               |
|----|---------------------------------------|----|-------------------------------|
| a  | For sub-frame Ø16 (0.63)              | h  | For damper mount Ø11.5 (0.45) |
| b  | For engine mount Ø13 (0.51)           | i  | For damper center Ø78 (3.07)  |
| c  | For engine mount Ø13 (0.51)           | j  | For damper mount Ø11.5 (0.45) |
| d  | For engine mount Ø13 (0.51)           | k  | For damper mount Ø11.5 (0.45) |
| e1 | For M/T transmission mount Ø13 (0.51) | l  | For sub-frame Ø16 (0.63)      |
| e2 | For A/T transmission mount Ø13 (0.51) | l1 | For sub-frame Ø16 (0.63)      |
| f1 | For M/T transmission mount Ø13 (0.51) | m  | Locating hole Ø27.4 (1.08)    |
| f2 | For A/T transmission mount Ø13 (0.51) | n  | Locating hole Ø50 (1.97)      |
| g1 | For M/T transmission mount Ø13 (0.51) |    |                               |
| g2 | For A/T transmission mount Ø13 (0.51) |    |                               |

M/T:



- o

Locating hole  $\varnothing 25$  (0.98)
- p

Locating hole  $\varnothing 25$  (0.98)
- p1

Locating hole  $\varnothing 25$  (0.98)
- p2

Locating hole  $\varnothing 23$  (0.91)
- q

For trailing arm  $\varnothing 14$  (0.55)
- r

Locating hole  $\varnothing 20$  (0.79)
- s

For trailing arm  $\varnothing 14$  (0.55)
- t

Rear damper center  $\varnothing 68$  (2.68)
- u

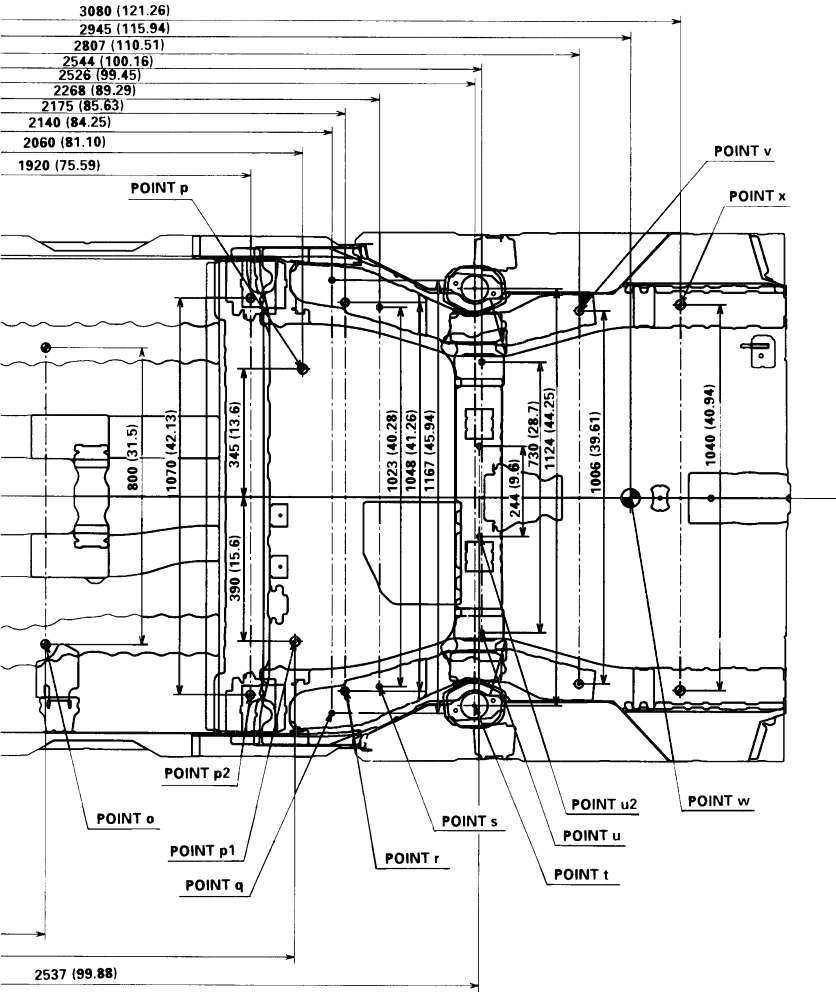
For rear cross beam  $\varnothing 15$  (0.59)
- u2

Locating hole Right side:  $\varnothing 13$  (0.51)/Left side:  $\varnothing 15$  (0.59)
- v

For rear cross beam  $\varnothing 15$  (0.59)
- w

Locating hole  $\varnothing 50$  (1.97)
- x

Locating hole  $\varnothing 25$  (0.98)



(cont'd)



## Frame Repair Chart (cont'd)

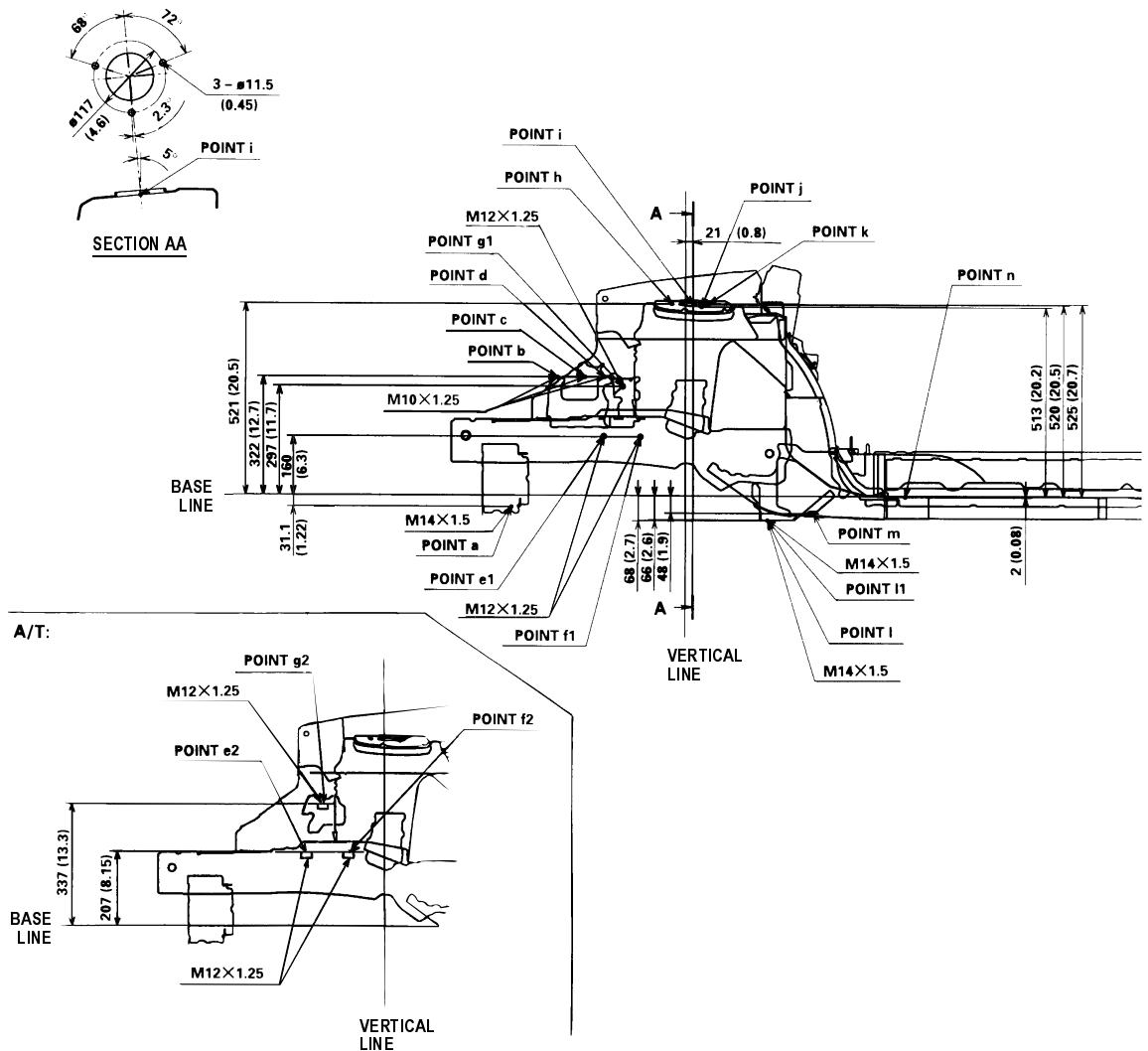
### Side View

Unit: mm (in.)

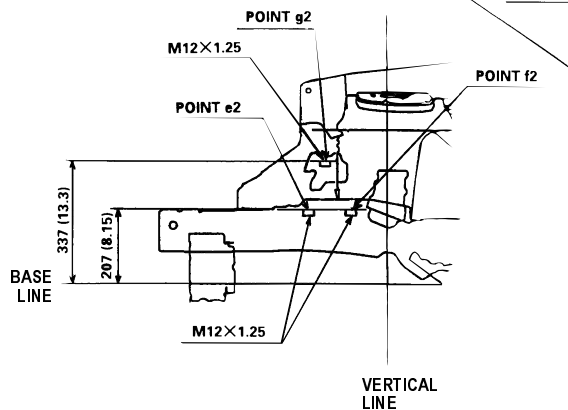
Ø: Inner diameter

- |    |                                       |    |                               |
|----|---------------------------------------|----|-------------------------------|
| a  | For sub-frame Ø16 (0.63)              | h  | For damper mount Ø11.5 (0.45) |
| b  | For engine mount Ø13 (0.51)           | i  | For damper center Ø78 (3.07)  |
| c  | For engine mount Ø13 (0.51)           | j  | For damper mount Ø11.5 (0.45) |
| d  | For engine mount Ø13 (0.51)           | k  | For damper mount Ø11.5 (0.45) |
| e1 | For M/T transmission mount Ø13 (0.51) | l  | For sub-frame Ø16 (0.63)      |
| e2 | For A/T transmission mount Ø13 (0.51) | l1 | For sub-frame Ø16 (0.63)      |
| f1 | For M/T transmission mount Ø13 (0.51) | m  | Locating hole Ø27.4 (1.08)    |
| f2 | For A/T transmission mount Ø13 (0.51) | n  | Locating hole Ø50 (1.97)      |
| g1 | For M/T transmission mount Ø13 (0.51) |    |                               |
| g2 | For A/T transmission mount Ø13 (0.51) |    |                               |

M/T:



A/T:



- o

Locating hole  $\varnothing 25$  (0.98)
- p

Locating hole  $\varnothing 25$  (0.98)
- p1

Locating hole  $\varnothing 25$  (0.98)
- p2

Locating hole  $\varnothing 23$  (0.91)
- q

For trailing arm  $\varnothing 14$  (0.55)
- r

Locating hole  $\varnothing 20$  (0.79)
- s

For trailing arm  $\varnothing 14$  (0.55)
- t

Rear damper center  $\varnothing 68$  (2.68)
- u

For rear cross beam  $\varnothing 15$  (0.59)
- u2

Locating hole Right side:  $\varnothing 13$  (0.51)/Left side:  $\varnothing 15$  (0.59)
- v

For rear cross beam  $\varnothing 15$  (0.59)
- w

Locating hole  $\varnothing 50$  (1.97)
- x

Locating hole  $\varnothing 25$  (0.98)

