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Frame

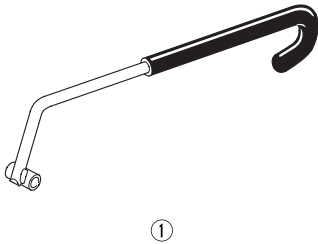
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Body

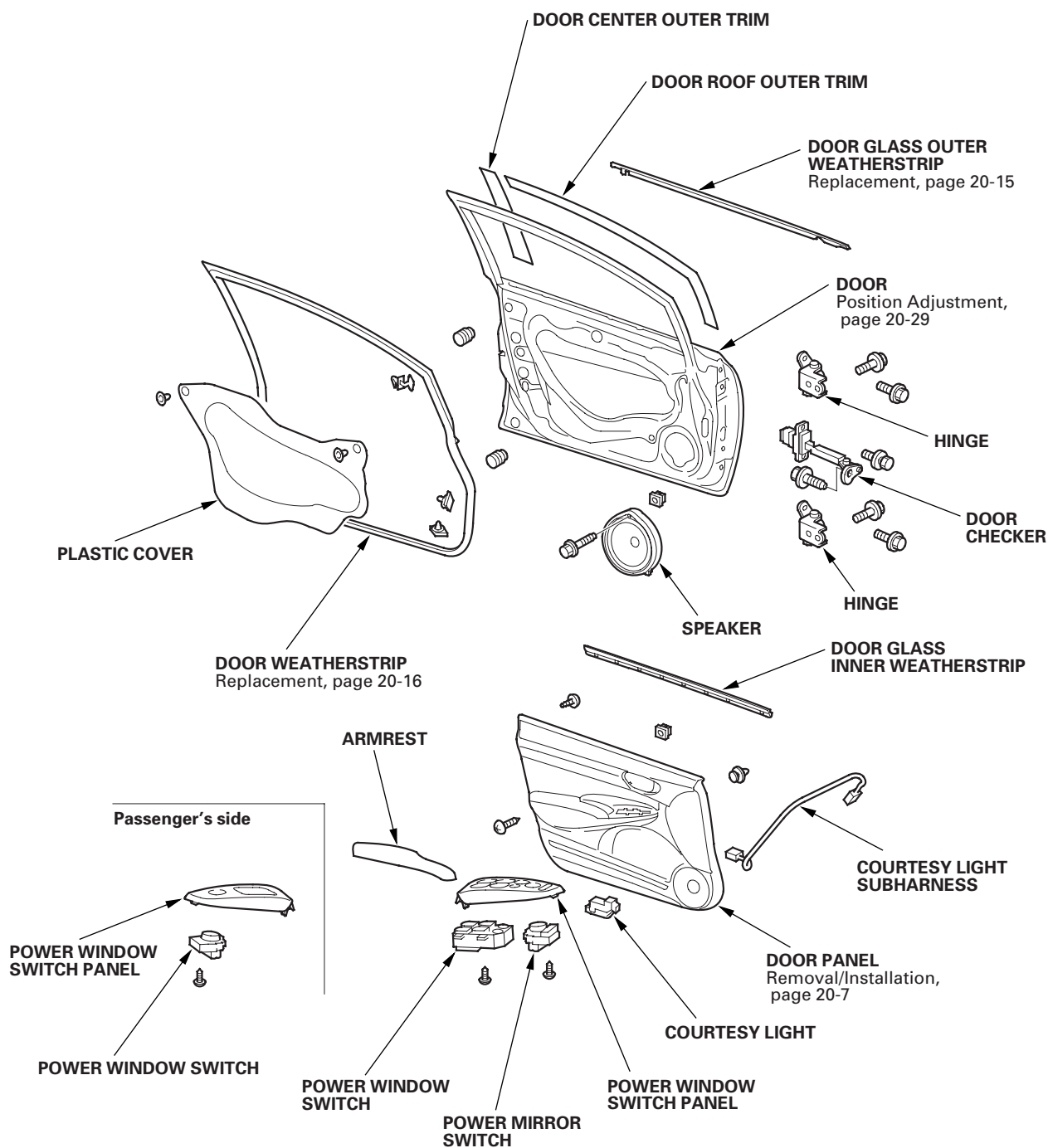
Special Tools

Ref. No.	Tool Number	Description	Qty
①	07AAF-SNAA100	Torsion Bar Assembly Tool	1





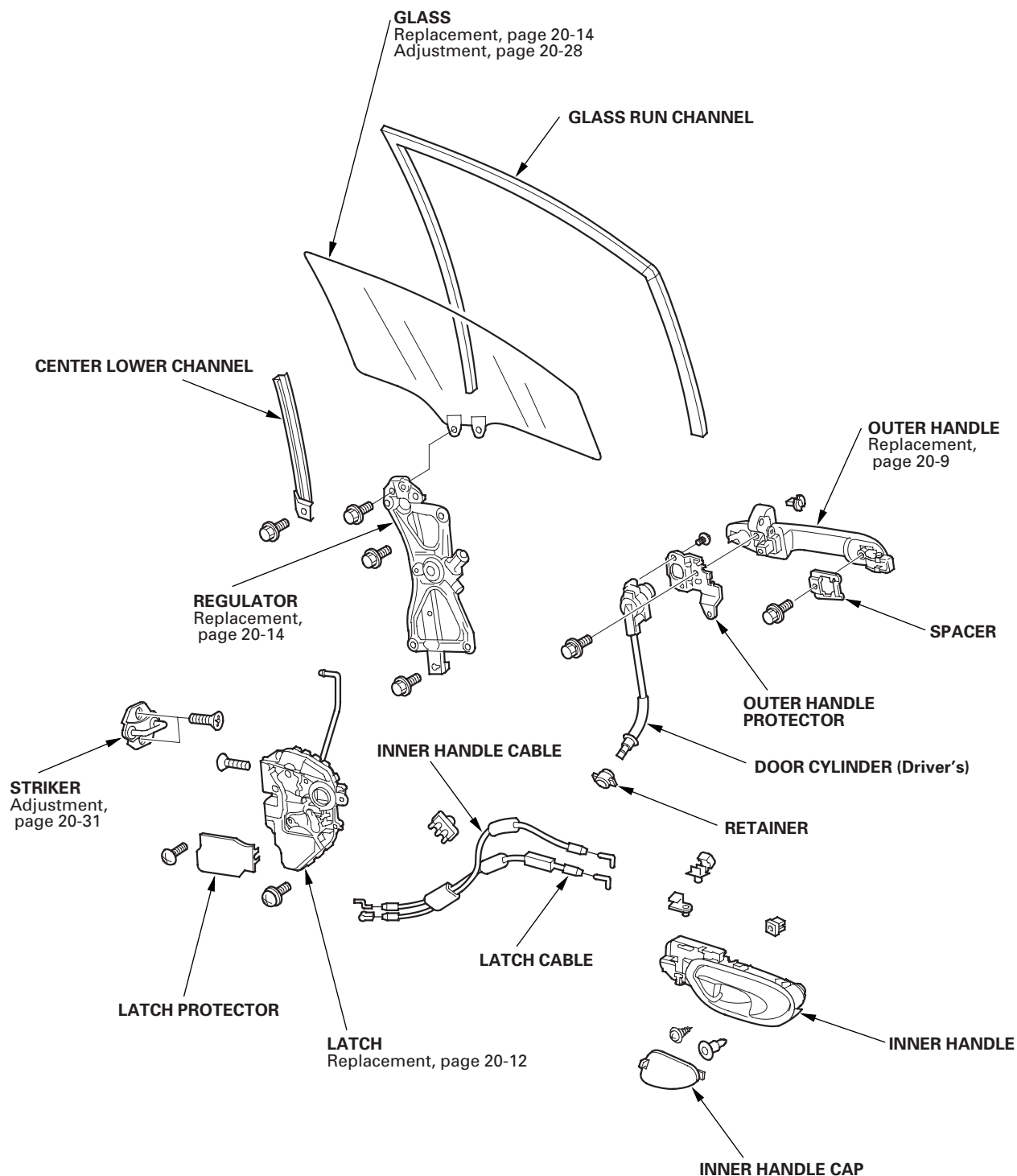
Component Location Index - Front Door



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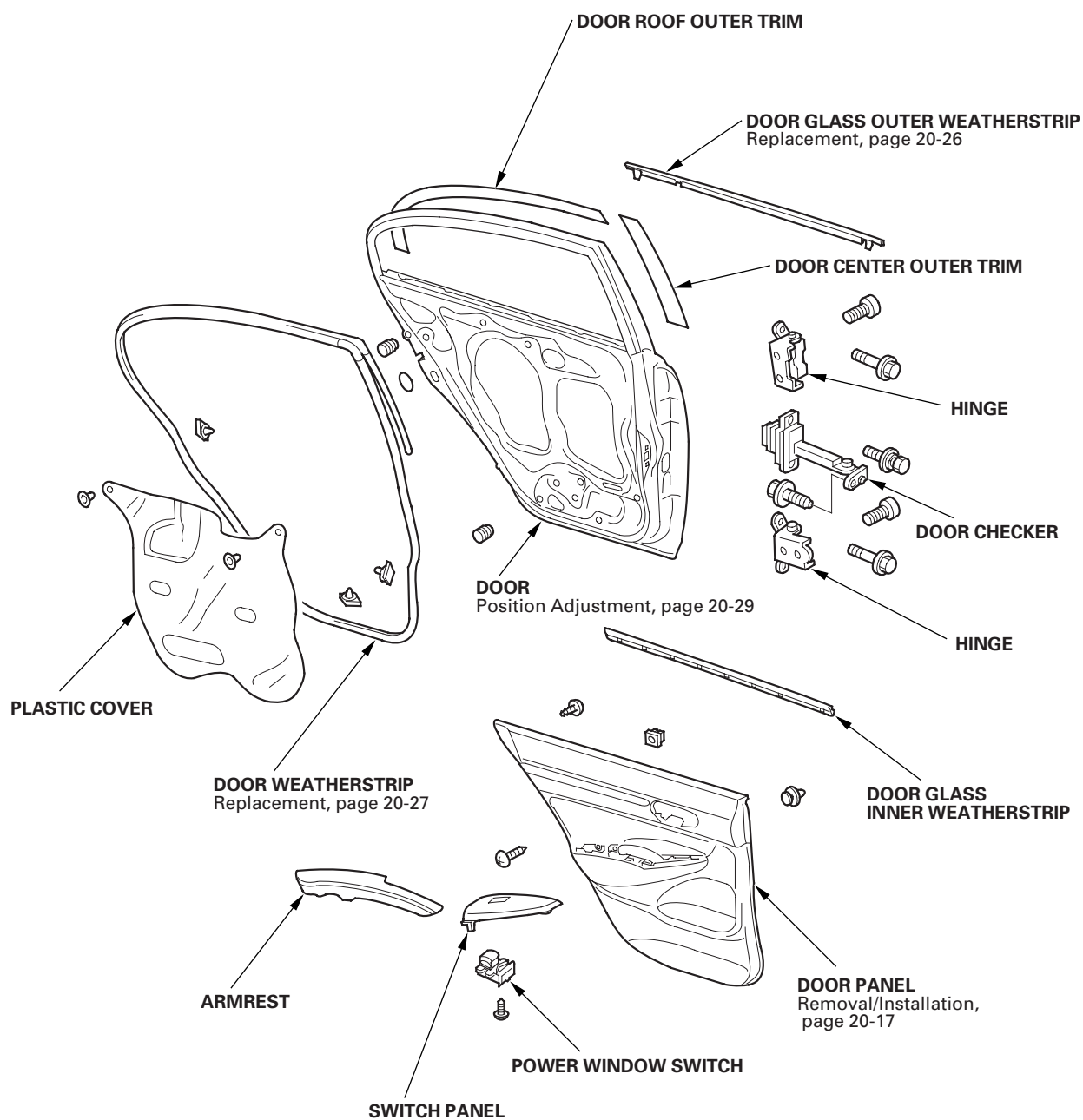
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Component Location Index - Front Door (cont'd)





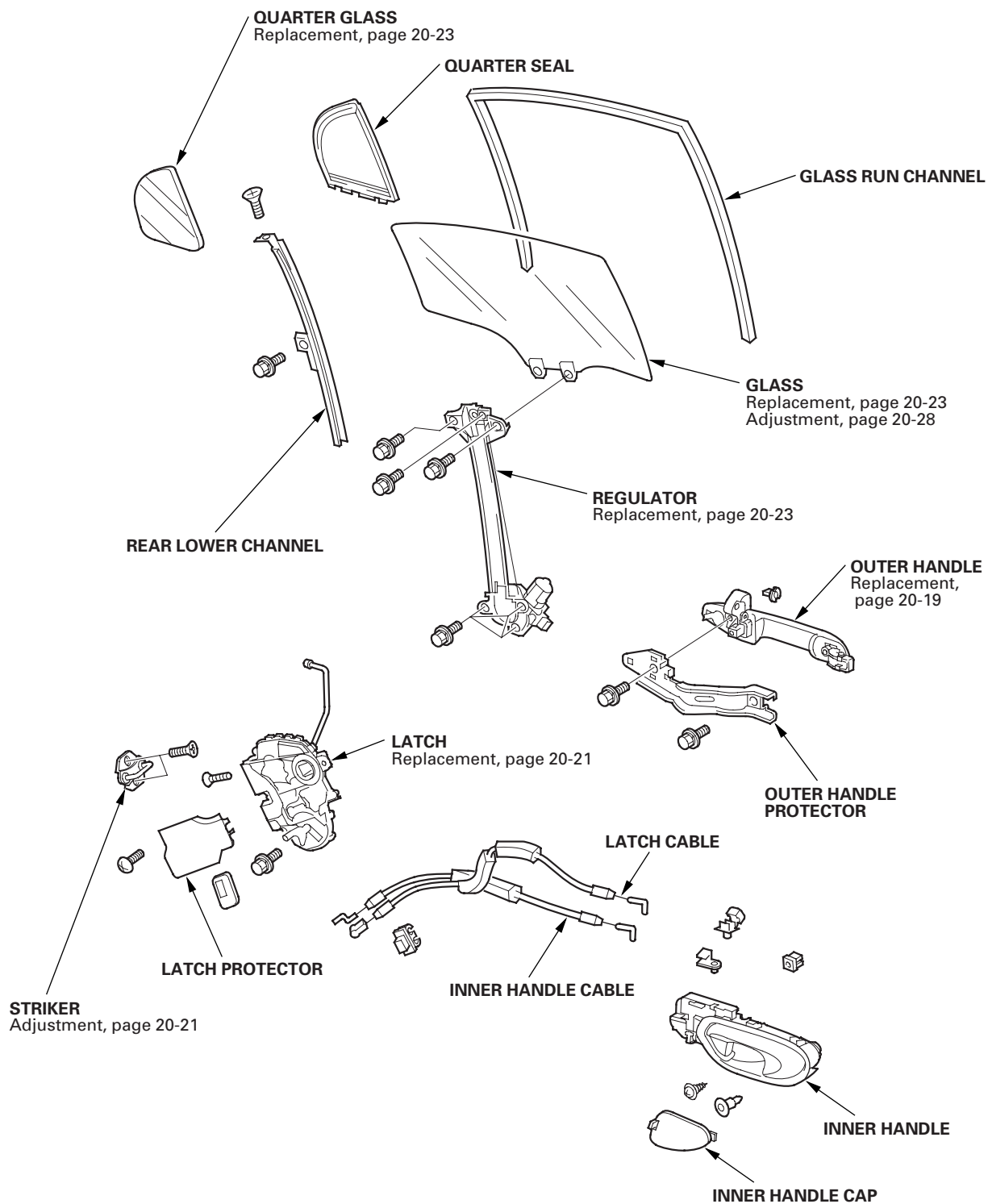
Component Location Index - Rear Door



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Doors

Component Location Index - Rear Door (cont'd)





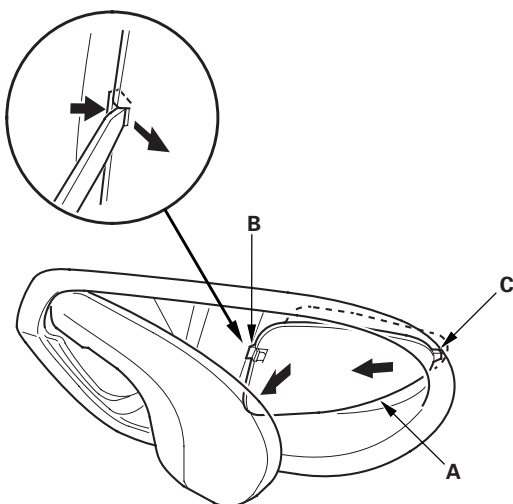
Front Door Panel Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

NOTE: Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

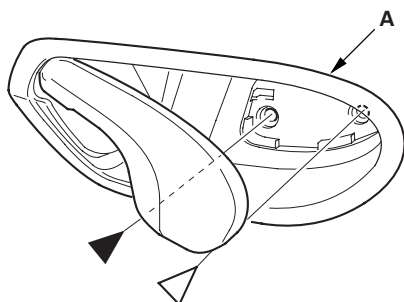
1. Raise the glass fully.
2. Pry out on the rear portion of the inner handle cap (A) with the appropriate trim tool, then release the hooks (B, C).



3. Remove the screw and the clip securing the inner handle (A).

Fastener Locations

► : Screw, 1 ▷ : Clip, 1

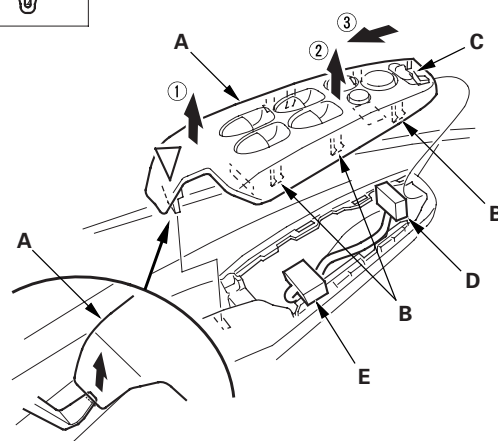


4. Remove the power window switch panel (A).

- 1 Pry up on the rear edge of the switch panel with the appropriate trim tool, then release the rear clip.
- 2 Pull out along the edge of the panel to release all of the hooks (B).
- 3 Pull the switch panel rearward to release the front hook (C).
- 4 Disconnect the power mirror switch connector (D) (driver's) and the power window switch connector (E).

Fastener Location

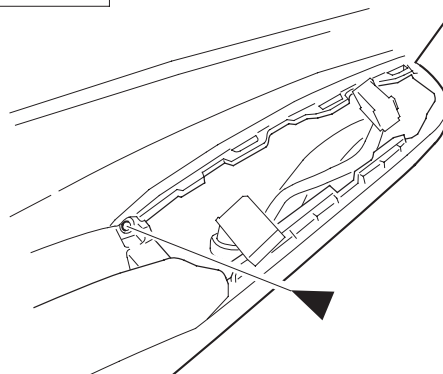
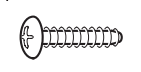
▷ : Clip, 1



5. Remove the screw.

Fastener Location

► : Screw, 1



(cont'd)

Doors

Front Door Panel Removal/Installation (cont'd)

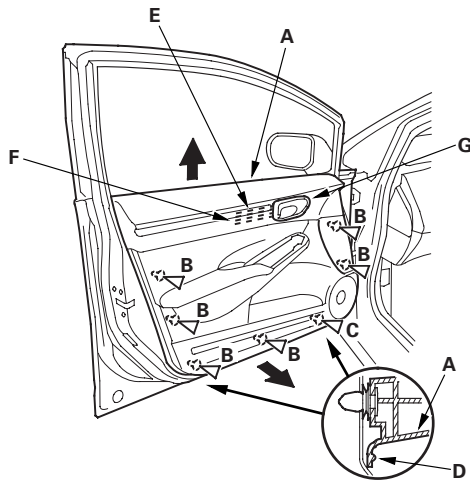
6. Remove the door panel (A) with as little bending as possible to avoid creasing or breaking it.

- 1 Start at the bottom edge of the door panel, release the clips (B, C) that are just above the marks (D) on the edge of the panel with a commercially available trim pad remover.
- 2 Detach the upper clips.
- 3 Starting at the rear, pull the door panel upward.

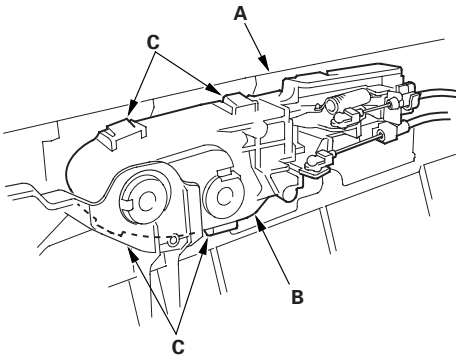
NOTE: The inner handle cable (E) and the latch cable (F) are connected to the inner handle (G). Do not pull the door panel up too far, or these cables will be damaged.

Fastener Locations

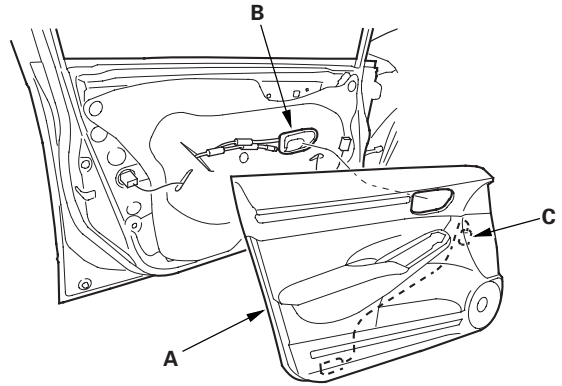
B ▷ : Clip, 6 C ▷ : Clip, 1



7. While holding the door panel (A) away from the door remove the inner handle (B) from the door panel by releasing the hooks (C).



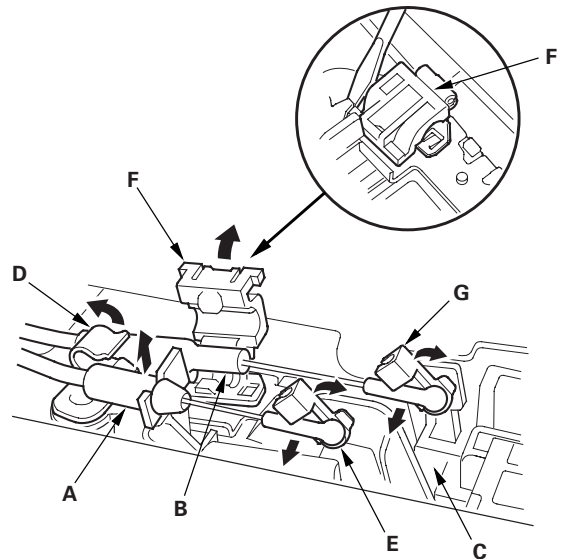
8. Remove the door panel (A) while pulling the inner handle (B) out through the hole in the door panel, and disconnect the courtesy light subharness connector (C).



9. If necessary, disconnect the inner handle cable (A) and the latch cable (B) from the inner handle (C), then remove the handle.

- 1 Detach the inner handle cable fastener (D), then disconnect the inner handle cable from the cable fastener (E).
- 2 Detach the latch cable fastener (F) with a flat-tip screwdriver, then disconnect the latch cable from the cable fastener (G).

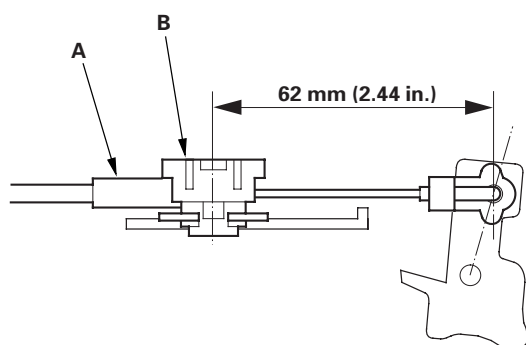
NOTE: If the cable fasteners are damaged or stress-whitened, replace them with new ones.





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

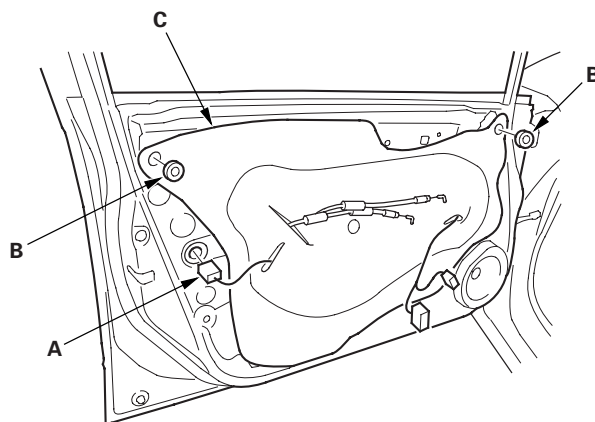
- If the clips are damaged or stress-whitened, replace them with new ones.
- Replace any damaged cable fasteners with new ones.
- The latch cable (A) should be fixed to the cable fastener (B) with the latch in lock position.
- Make sure the connectors are plugged in properly, and the cables are connected securely.
- Make sure the window and power door lock operate properly.



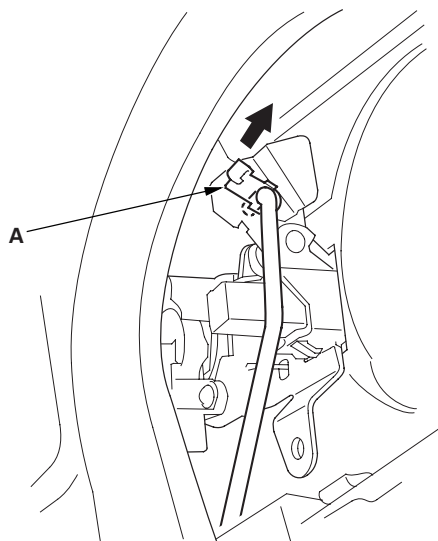
Front Door Outer Handle Replacement

NOTE: Put on gloves to protect your hands.

1. Raise the glass fully.
2. Remove the door panel and inner handle (see page 20-7).
3. Disconnect the power door lock actuator connector (A).



4. Remove the plug caps (B), then remove the plastic cover (C), as needed.
5. Detach the rod fastener (A).

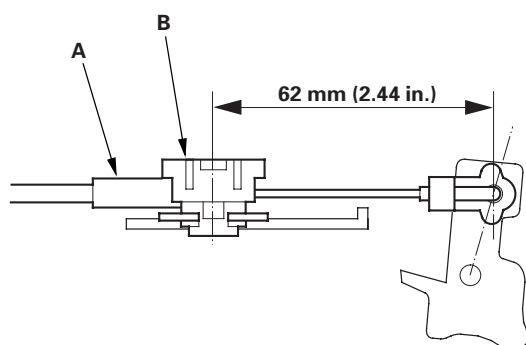


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10. Install the door panel in the reverse order of removal, and note these items:

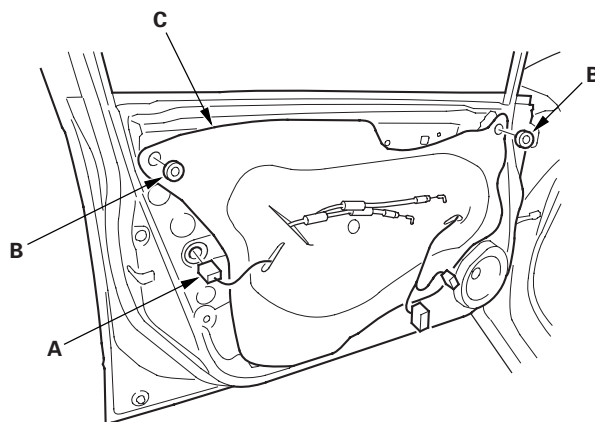
- If the clips are damaged or stress-whitened, replace them with new ones.
- Replace any damaged cable fasteners with new ones.
- The latch cable (A) should be fixed to the cable fastener (B) with the latch in lock position.
- Make sure the connectors are plugged in properly, and the cables are connected securely.
- Make sure the window and power door lock operate properly.



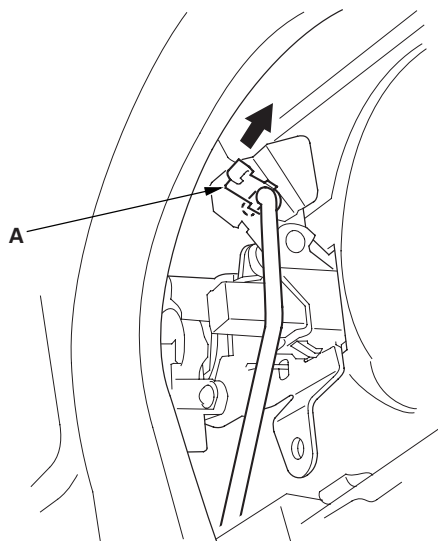
Front Door Outer Handle Replacement

NOTE: Put on gloves to protect your hands.

1. Raise the glass fully.
2. Remove the door panel and inner handle (see page 20-7).
3. Disconnect the power door lock actuator connector (A).



4. Remove the plug caps (B), then remove the plastic cover (C), as needed.
5. Detach the rod fastener (A).

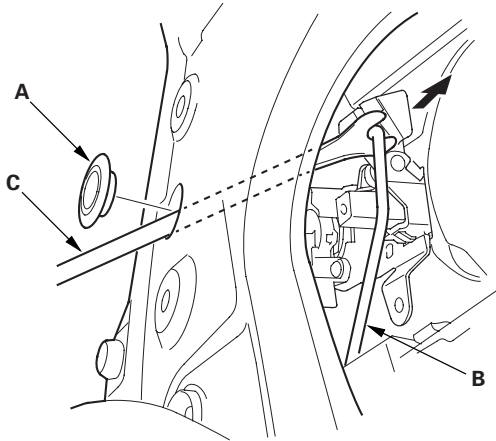


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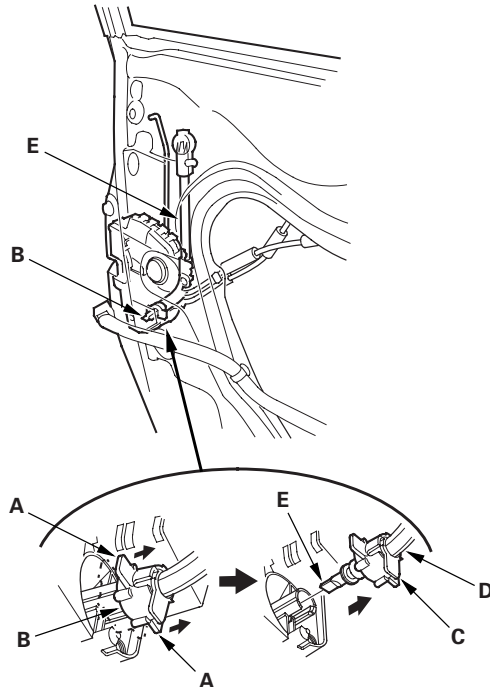
Doors

Front Door Outer Handle Replacement (cont'd)

6. Remove the maintenance cap (A). Disconnect the outer handle rod (B) with a clip remover (C).



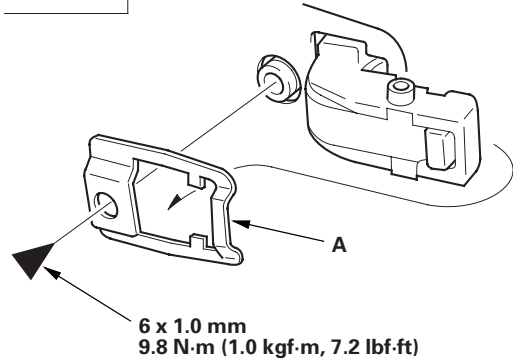
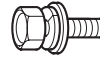
7. Driver's side: Pull both side flanges (A) of the retainer (B) outward, and pull the middle flange portion (C) of the outer casing cover (D) out, then disconnect the cylinder cable (E) from the latch.



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

Fastener Location

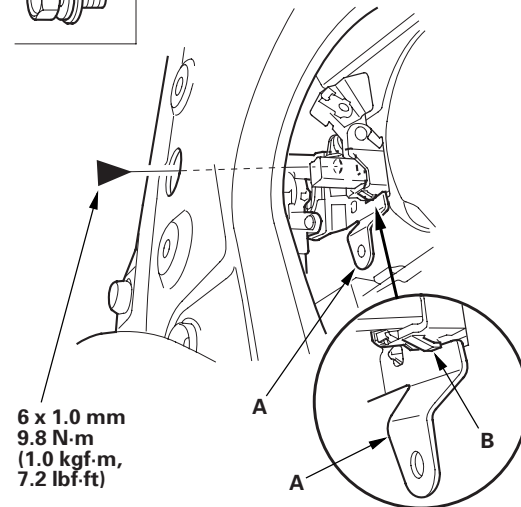
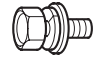
► : Bolt, 1



9. Remove the bolt securing the outer handle protector (A), then remove the protector by releasing the hook (B).

Fastener Location

► : Bolt, 1



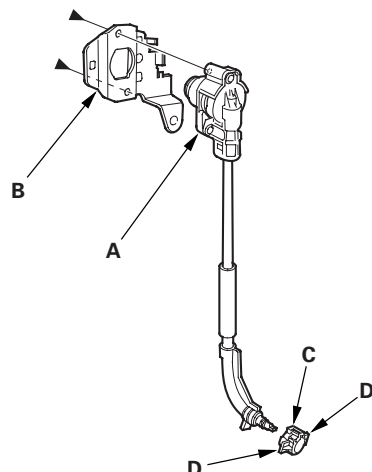


10. If necessary, remove the special screws, then separate the door cylinder (A) and the outer handle protector (B). If the retainer (C) is damaged, release the hooks (D), and replace it.

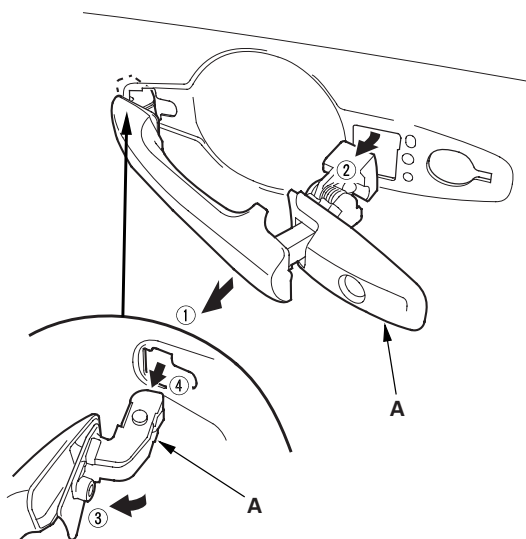
NOTE: If removed, the special screws must be replaced.

Fastener Locations

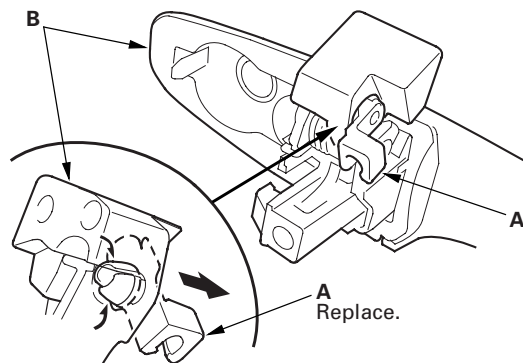
► : Screw, 2



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



12. Remove the rod fastener (A) from the outer handle (B), then replace it with a new one.



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

- Make sure the cylinder cable and each rod is connected securely.
- Make sure the door key cylinder/door locks operate properly.
- Make sure the door handle works properly.
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).

Doors

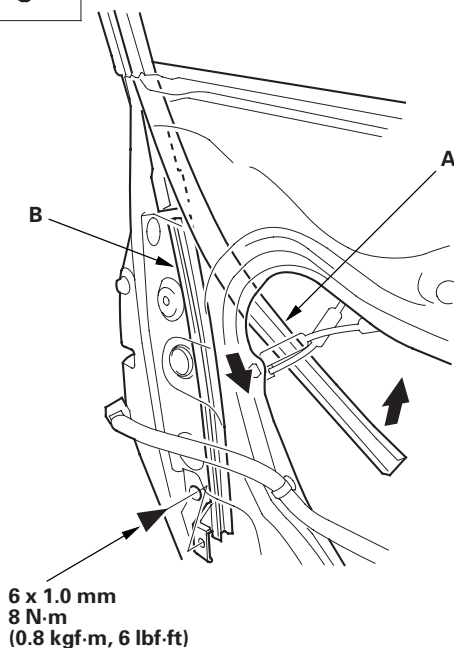
Front Door Latch Replacement

NOTE: Put on gloves to protect your hands.

1. Raise the glass fully.
2. Remove the door panel and inner handle (see page 20-7).
3. Remove the plastic cover, as needed (see step 4 on page 20-9).
4. Detach the rod fastener (see step 5 on page 20-9).
5. Disconnect the outer handle rod from the outer handle (see step 6 on page 20-10).
6. Disconnect the cylinder cable from the latch (see step 7 on page 20-10).
7. Pull the glass run channel (A) away as needed, and remove the bolt, then remove the center lower channel (B) by pulling it downward.

Fastener Location

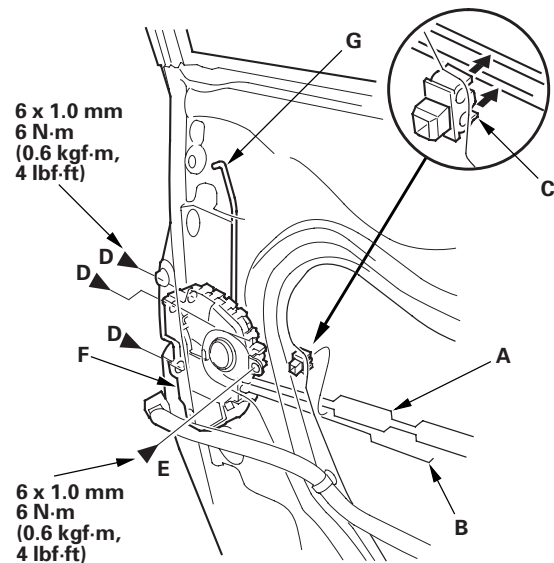
► : Bolt, 1



8. Detach the latch cable (A) and the inner handle cable (B) from the holder (C), then remove the screws (D, E) securing the latch (F), then remove the latch through the hole in the door. Take care not to bend the outer handle rod (G), the latch cable, or the inner handle cable.

Fastener Locations

D ► : Screw, 3 E ► : Screw, 1

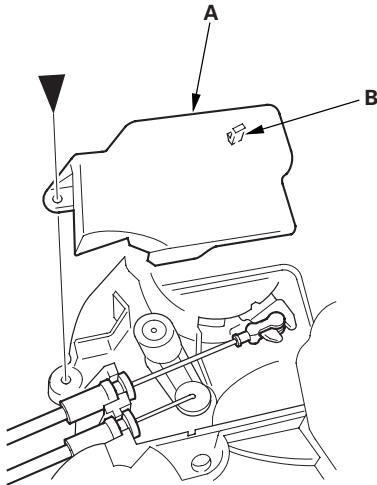
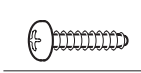




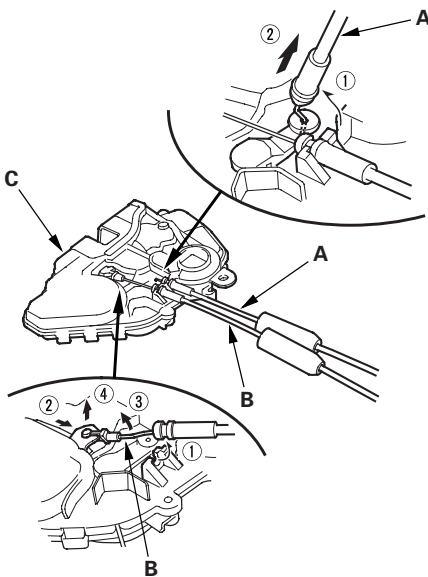
9. Remove the screw, then remove the latch protector (A) by releasing the hook (B).

Fastener Location

► : Screw, 1



10. Disconnect the latch cable (A) and the inner handle cable (B) from the latch (C).



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

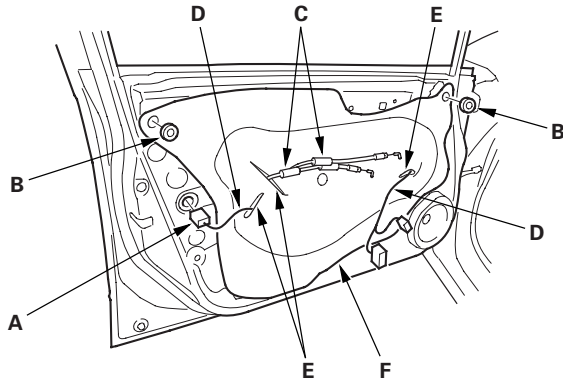
- Make sure the actuator connector is plugged in properly and each rod is connected securely.
- Make sure the door locks and opens properly.
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).

Doors

Front Door Glass and Regulator Replacement

NOTE: Put on gloves to protect your hands.

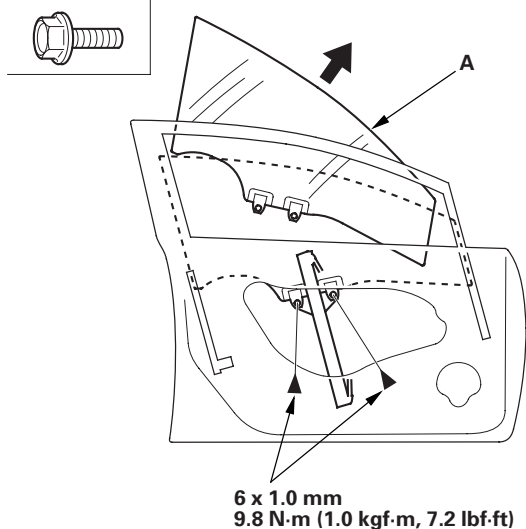
1. Remove the door panel (see page 20-7).
2. Disconnect the power door lock actuator connector (A) and remove the plug caps (B).



3. Pass the cables (C) and the harnesses (D) through the slits (E) in the plastic cover (F), then remove the plastic cover.
4. Carefully raise 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

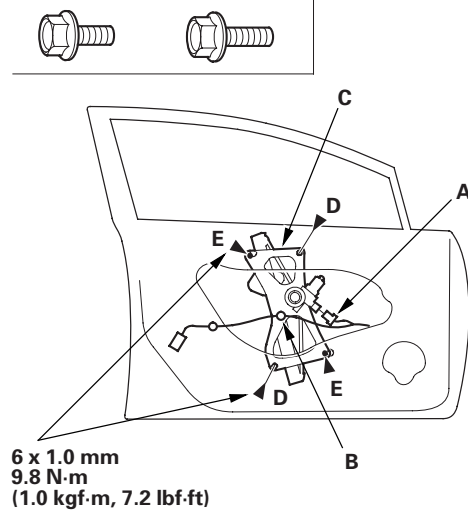
► : Bolt, 2



5. Disconnect the connector (A), and detach the harness clip (B) from the regulator (C).

Fastener Locations

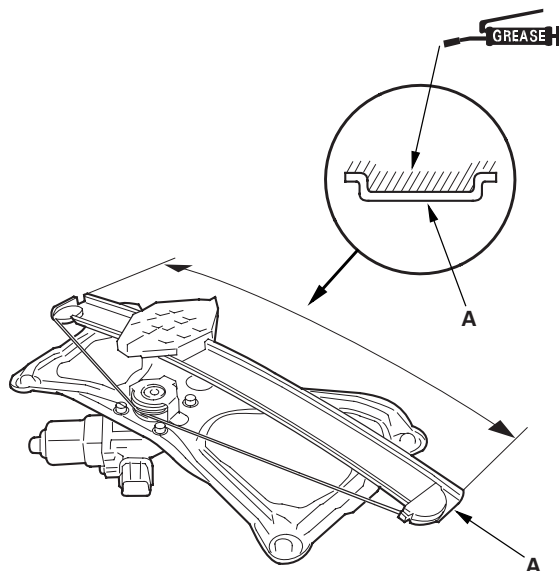
D ► : Bolt, 2 (Black) E ► : Bolt, 2 (Gold)



6. Remove the bolts (D), and loosen the bolts (E), then remove the regulator through the hole in the door.



7. Apply multipurpose grease to all the sliding surfaces of the regulator (A) where shown.



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

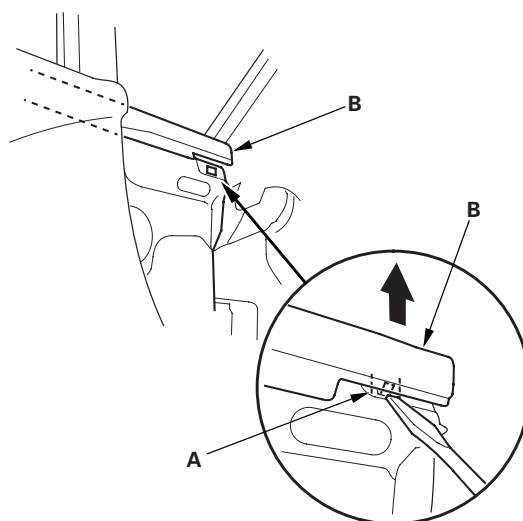
- Roll the glass up and down to verify it moves freely without binding.
- Make sure that there is no clearance between the glass and glass run channel when the glass is closed.
- Adjust the position of the glass as necessary (see page 20-28).
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).
- Make sure the power door locks, the windows and the power mirror operate properly.
- Test-drive and check for wind noise and rattles.

Front Door Glass Outer Weatherstrip Replacement

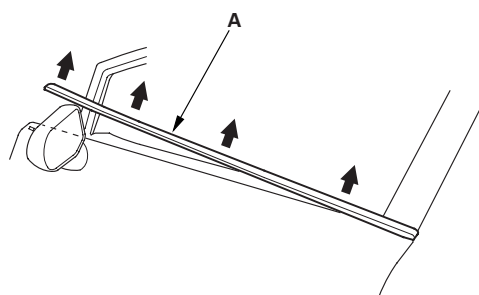
NOTE:

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

1. Lower the glass fully.
2. Release the front hook (A) from inside of the door, then pull up the front door glass outer weatherstrip (B).



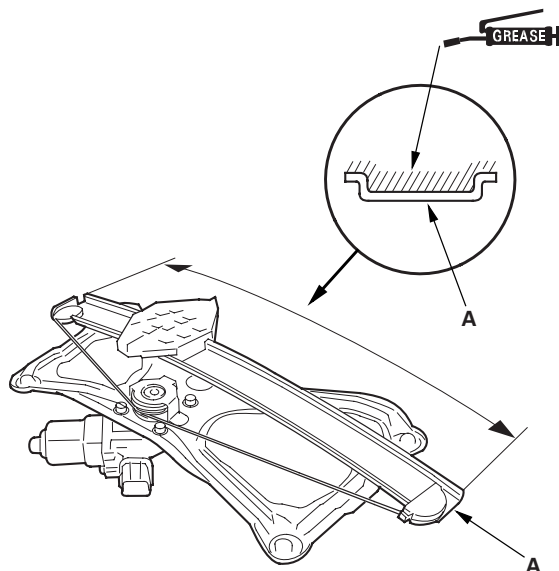
3. Starting at the front, slowly pull up the front door glass outer glass weatherstrip (A).



(cont'd)



7. Apply multipurpose grease to all the sliding surfaces of the regulator (A) where shown.



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

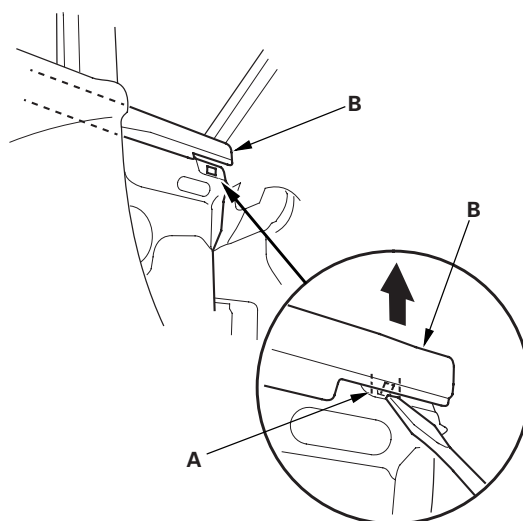
- Roll the glass up and down to verify it moves freely without binding.
- Make sure that there is no clearance between the glass and glass run channel when the glass is closed.
- Adjust the position of the glass as necessary (see page 20-28).
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).
- Make sure the power door locks, the windows and the power mirror operate properly.
- Test-drive and check for wind noise and rattles.

Front Door Glass Outer Weatherstrip Replacement

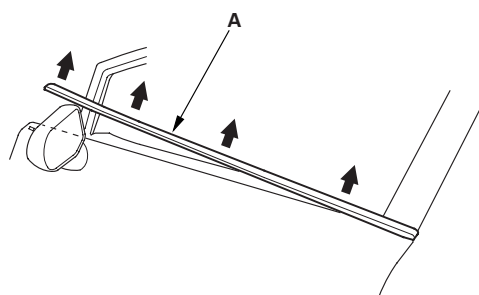
NOTE:

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

1. Lower the glass fully.
2. Release the front hook (A) from inside of the door, then pull up the front door glass outer weatherstrip (B).



3. Starting at the front, slowly pull up the front door glass outer glass weatherstrip (A).

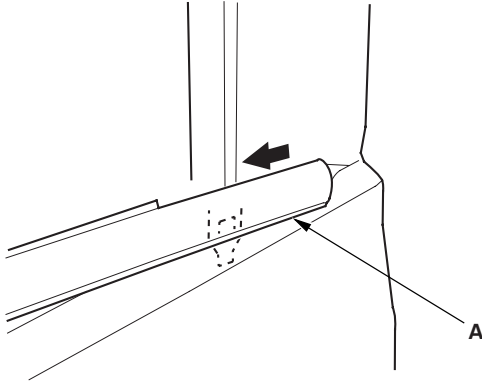


(cont'd)

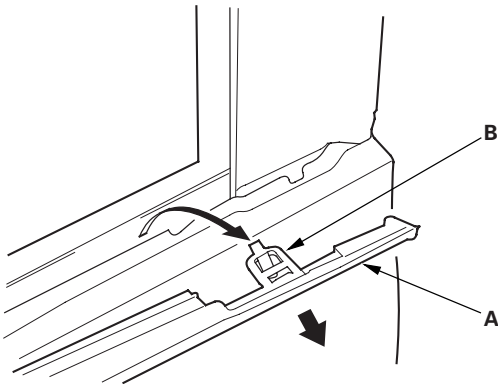
Doors

Front Door Glass Outer Weatherstrip Replacement (cont'd)

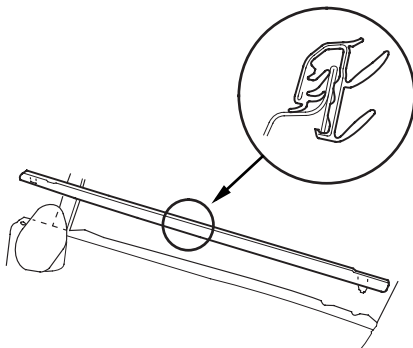
- Slide the front door glass outer weatherstrip (A) forward.



- Twist the front door glass outer weatherstrip (A) to pull the rear hook (B) out from the inside of the door, then remove the weatherstrip.



- Push the clip portions of new front door glass outer weatherstrip into place securely.



Front Door Weatherstrip Replacement

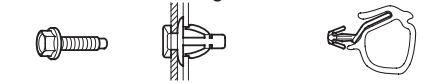
NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the door.
- Remove the clips with a clip remover.

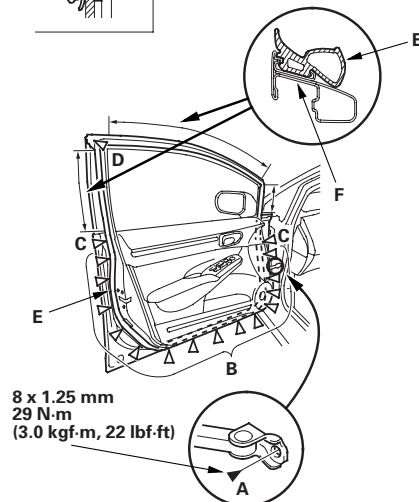
- At the A-pillar, remove the door checker mounting bolt (A).

Fastener Locations

A ▶ : Bolt, 1 B ▶ : Clip, 14 (Left: Pink Right: Blue) C ▶ : Clip, 2 (White)



D ▶ : Clip, 1 (Black)



8 x 1.25 mm
29 N·m
(3.0 kgf·m, 22 lbf·ft)

- Detach the clips (B, C, D), then remove the door weatherstrip (E).

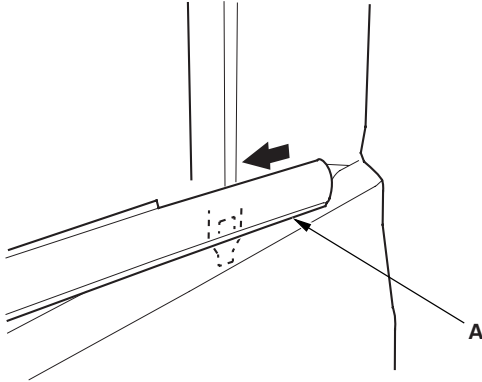
- Install the weatherstrip in the reverse order of removal, and note these items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- Make sure the weatherstrip is installed in the holder (F) securely.
- Apply medium strength liquid thread lock to door checker mounting bolt before installation.
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).

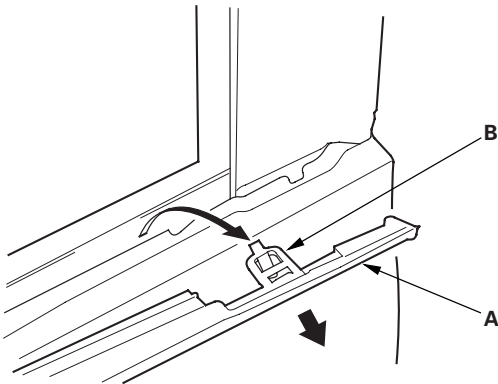
Doors

Front Door Glass Outer Weatherstrip Replacement (cont'd)

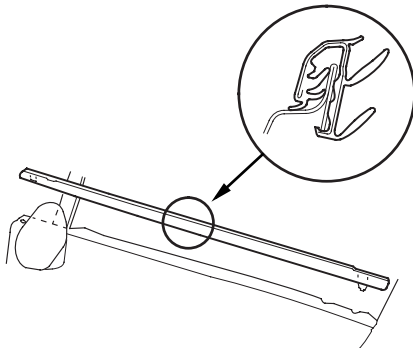
- Slide the front door glass outer weatherstrip (A) forward.



- Twist the front door glass outer weatherstrip (A) to pull the rear hook (B) out from the inside of the door, then remove the weatherstrip.



- Push the clip portions of new front door glass outer weatherstrip into place securely.



Front Door Weatherstrip Replacement

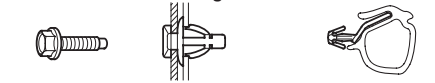
NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the door.
- Remove the clips with a clip remover.

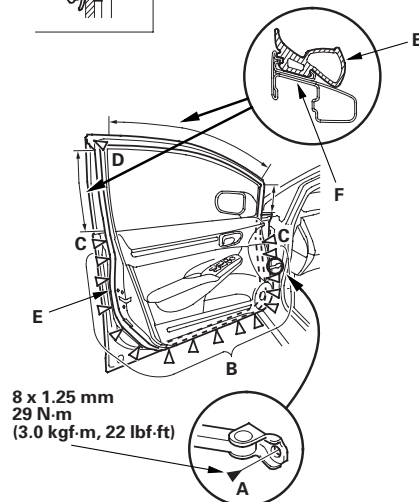
- At the A-pillar, remove the door checker mounting bolt (A).

Fastener Locations

A ▶ : Bolt, 1 B ▶ : Clip, 14 (Left: Pink Right: Blue) C ▶ : Clip, 2 (White)



D ▶ : Clip, 1 (Black)



8 x 1.25 mm
29 N·m
(3.0 kgf·m, 22 lbf·ft)

- Detach the clips (B, C, D), then remove the door weatherstrip (E).

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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Make sure the weatherstrip is installed in the holder (F) securely.
- Apply medium strength liquid thread lock to door checker mounting bolt before installation.
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).



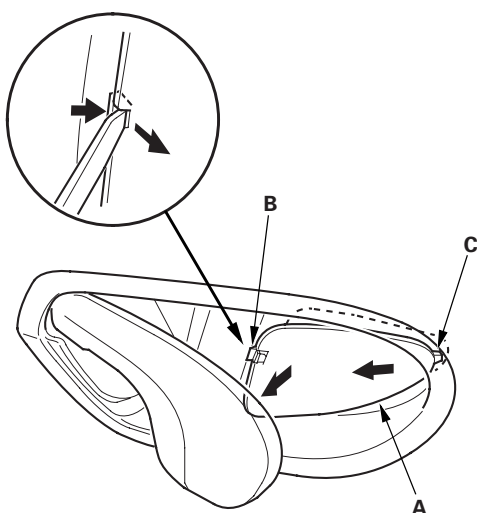
Rear Door Panel Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

NOTE: Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

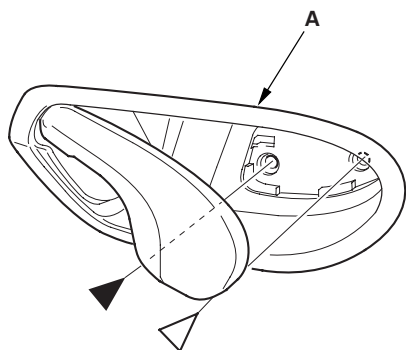
1. Raise the glass fully.
2. Pry out on the rear portion of the inner handle cap (A) with the appropriate trim tool, then release the hooks (B, C).



3. Remove the screw and clip securing the inner handle (A).

Fastener Locations

► : Screw, 1 ▷ : Clip, 1

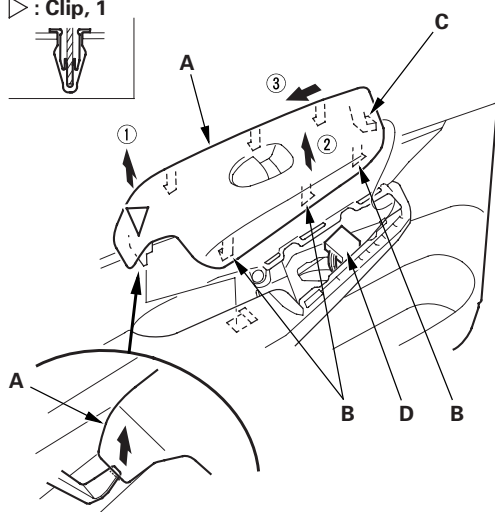


4. Remove the power window switch panel (A).

- 1 Pry up on the rear edge of the switch panel with the appropriate trim tool, then release the rear clip.
- 2 Pull out along the edge of the panel to release the hooks (B).
- 3 Pull the switch panel rearward to release the front hook (C).
- 4 Disconnect the power window switch connector (D).

Fastener Location

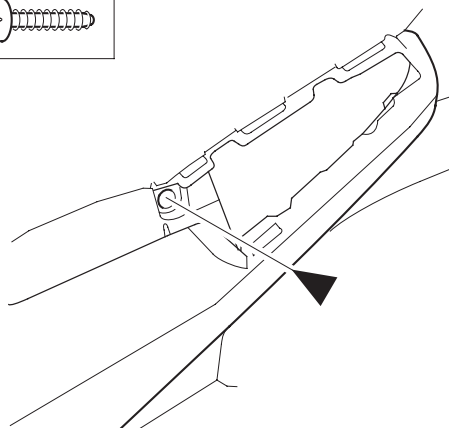
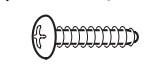
▷ : Clip, 1



5. Remove the screw.

Fastener Location

► : Screw, 1



(cont'd)

Doors

Rear Door Panel Removal/Installation (cont'd)

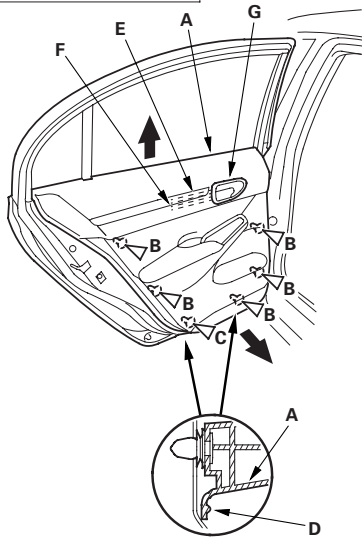
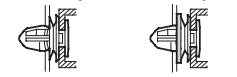
6. Remove the door panel (A) with as little bending as possible to avoid creasing or breaking it.

- 1 Start at the bottom edge of the door panel, release the clips (B, C) that are just above the marks (D) on the edge of the panel with a commercially available trim pad remover.
- 2 Detach the upper clips.
- 3 Starting at the rear, pull the door panel upward.

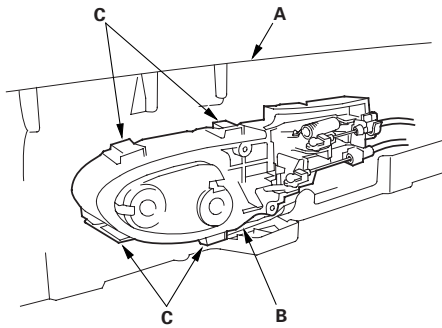
NOTE: The inner handle cable (E) and the latch cable (F) are connected to the inner handle (G). Do not pull the door panel up too far, or these cables will be damaged.

Fastener Locations

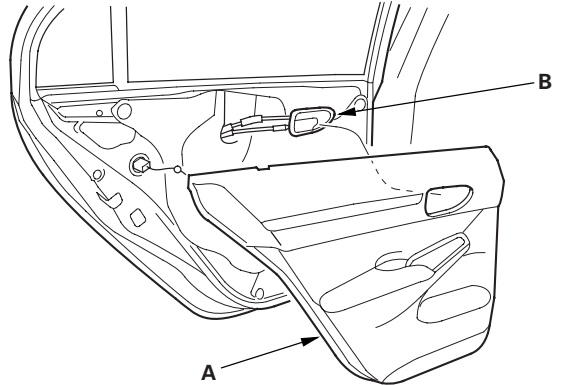
B ▷ : Clip, 5 C ▷ : Clip, 1



7. While holding the door panel (A) away from the door, remove the inner handle (B) from the door panel by releasing the hooks (C).



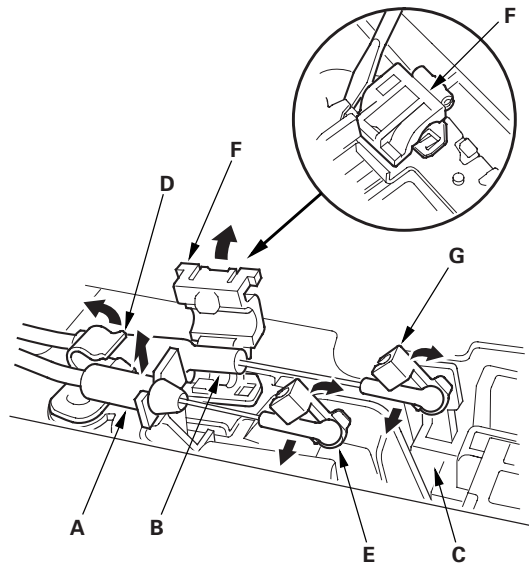
8. Remove the door panel (A) while pulling the inner handle (B) out through the hole in the door panel.



9. Disconnect the inner handle cable (A) and the latch cable (B) from the inner handle (C).

- 1 Detach the inner handle cable fastener (D), then disconnect the inner handle cable from the cable fastener (E).
- 2 Detach the latch cable fastener (F) with a flat-tip screwdriver, then disconnect the latch cable from the cable fastener (G).

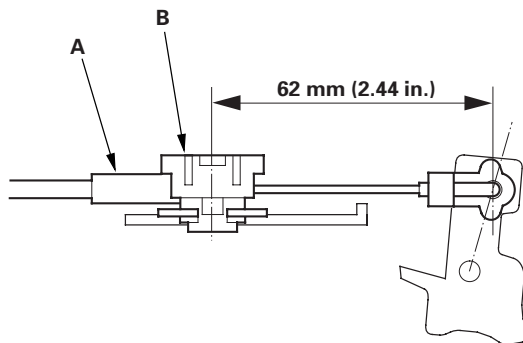
NOTE: If the cable fasteners are damaged or stress-whitened, replace them with new ones.





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

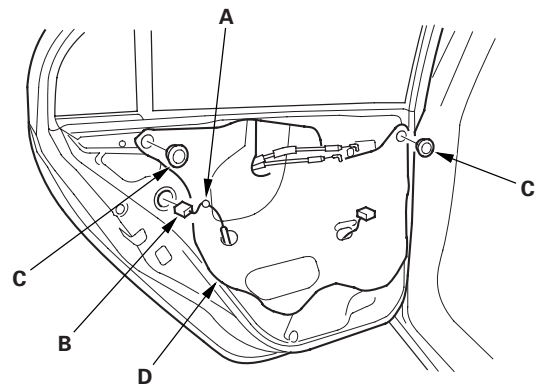
- If the clips are damaged or stress-whitened, replace them with new ones.
- Replace any damaged cable fasteners with new ones.
- The latch cable (A) should be fixed to the cable fastener (B) with the latch in lock position.
- Make sure the connector is plugged in properly, and the cables are connected securely.
- Make sure the window and power door lock operate properly.



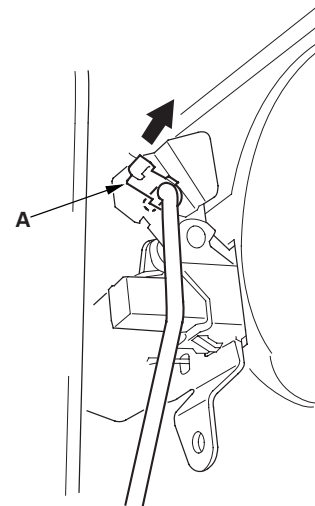
Rear Door Outer Handle Replacement

NOTE: Put on gloves to protect your hands.

1. Raise the glass fully.
2. Remove the door panel (see page 20-17).
3. Detach the harness clip (A), and disconnect the power door lock actuator connector (B).



4. Remove the plug caps (C), then remove the plastic cover (D), as needed.
5. Remove the latch mounting screws, then lower the latch (see step 4 on page 20-21).
6. Detach the rod fastener (A).

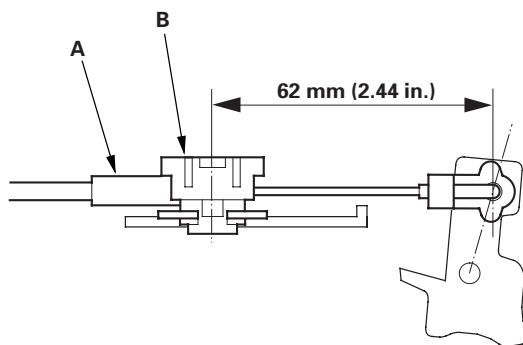


(cont'd)



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

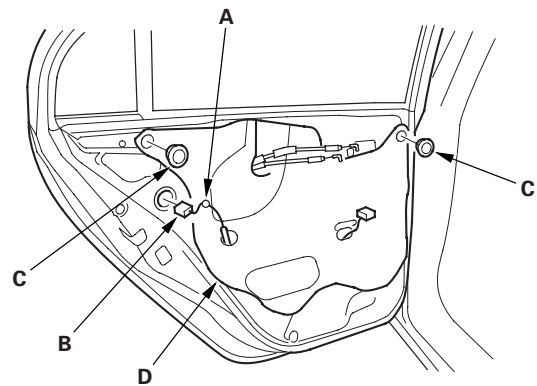
- If the clips are damaged or stress-whitened, replace them with new ones.
- Replace any damaged cable fasteners with new ones.
- The latch cable (A) should be fixed to the cable fastener (B) with the latch in lock position.
- Make sure the connector is plugged in properly, and the cables are connected securely.
- Make sure the window and power door lock operate properly.



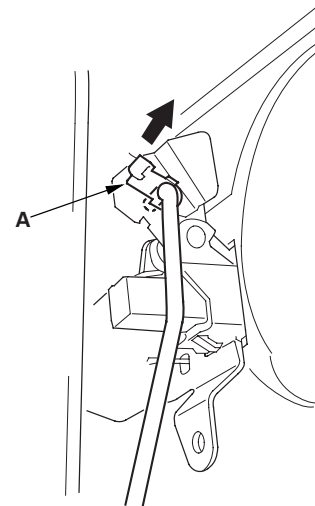
Rear Door Outer Handle Replacement

NOTE: Put on gloves to protect your hands.

1. Raise the glass fully.
2. Remove the door panel (see page 20-17).
3. Detach the harness clip (A), and disconnect the power door lock actuator connector (B).



4. Remove the plug caps (C), then remove the plastic cover (D), as needed.
5. Remove the latch mounting screws, then lower the latch (see step 4 on page 20-21).
6. Detach the rod fastener (A).

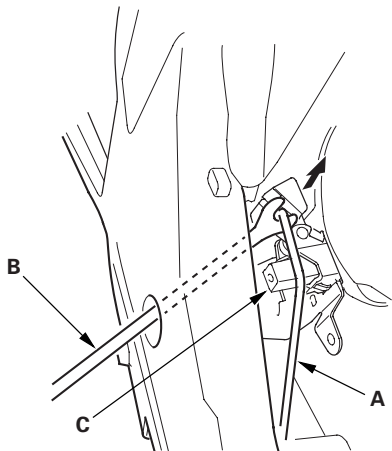


(cont'd)

Doors

Rear Door Outer Handle Replacement (cont'd)

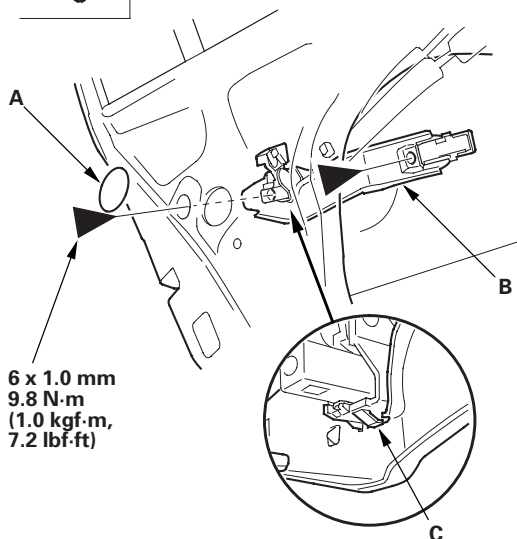
7. Disconnect the outer handle rod (A) with a clip remover (B) from the outer handle (C).



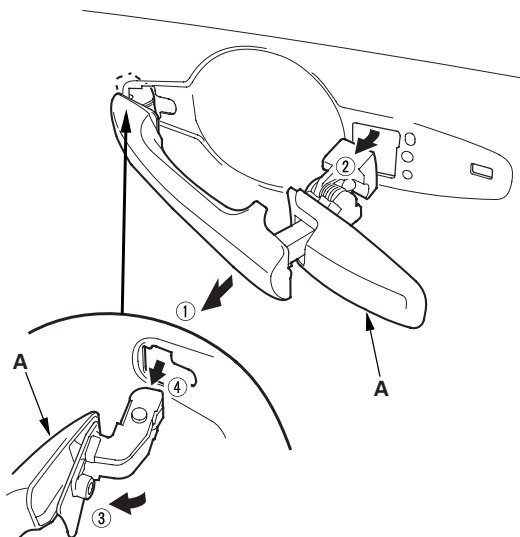
8. Remove the maintenance seal (A). Remove the bolts securing the outer handle protector (B), then remove the protector by releasing the hook (C).

Fastener Locations

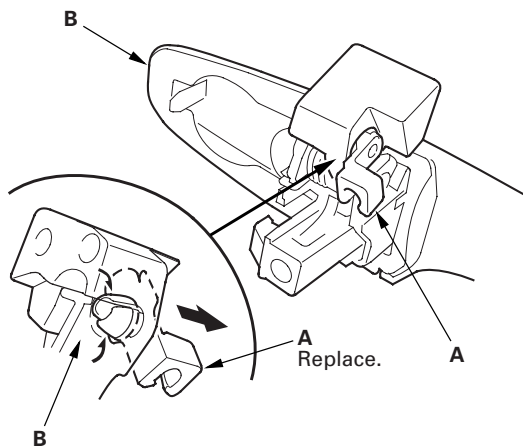
► : Bolt, 2



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



10. Remove the rod fastener (A) from the outer handle (B), then replace it with a new one.





Rear Door Latch Replacement

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

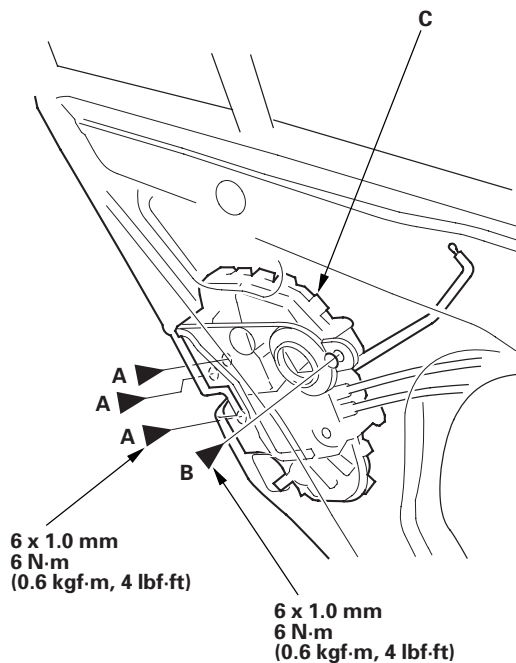
- Make sure the door locks and opens properly.
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).

NOTE: Put on gloves to protect your hands.

1. Raise the glass fully.
2. Remove the door panel (see page 20-17).
3. Remove the plastic cover, as needed (see step 4 on page 20-19).
4. Remove the screws (A, B) securing the latch (C), then lower it.

Fastener Locations

A ► : Screw, 3 B ► : Screw, 1



5. Detach the rod fastener (see step 6 on page 20-19).
6. Disconnect the outer handle rod from the outer handle (see step 7 on page 20-20).

(cont'd)



Rear Door Latch Replacement

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

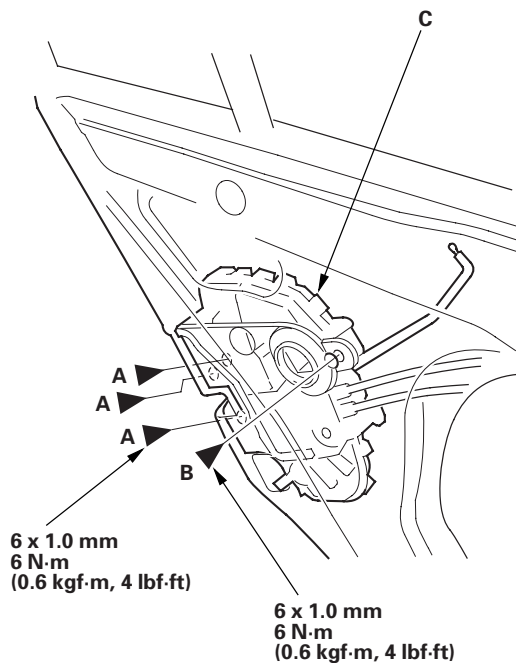
- Make sure the door locks and opens properly.
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).

NOTE: Put on gloves to protect your hands.

1. Raise the glass fully.
2. Remove the door panel (see page 20-17).
3. Remove the plastic cover, as needed (see step 4 on page 20-19).
4. Remove the screws (A, B) securing the latch (C), then lower it.

Fastener Locations

A ► : Screw, 3 B ► : Screw, 1



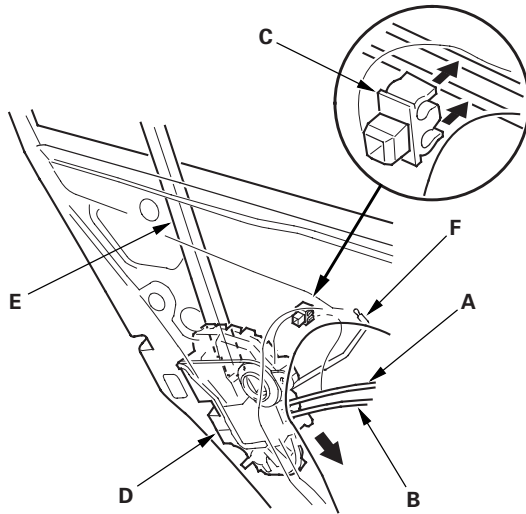
5. Detach the rod fastener (see step 6 on page 20-19).
6. Disconnect the outer handle rod from the outer handle (see step 7 on page 20-20).

(cont'd)

Doors

Rear Door Latch Replacement (cont'd)

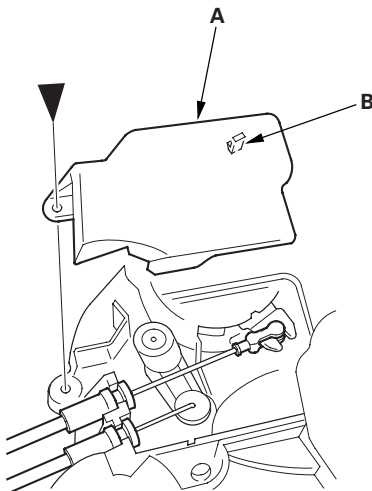
7. Detach the latch cable (A) and the inner handle cable (B) from the holder (C), then remove the latch (D) out from between the rear lower channel (E) and the door. Take care not to bend the outer handle rod (F), the latch cable, or the inner handle cable.



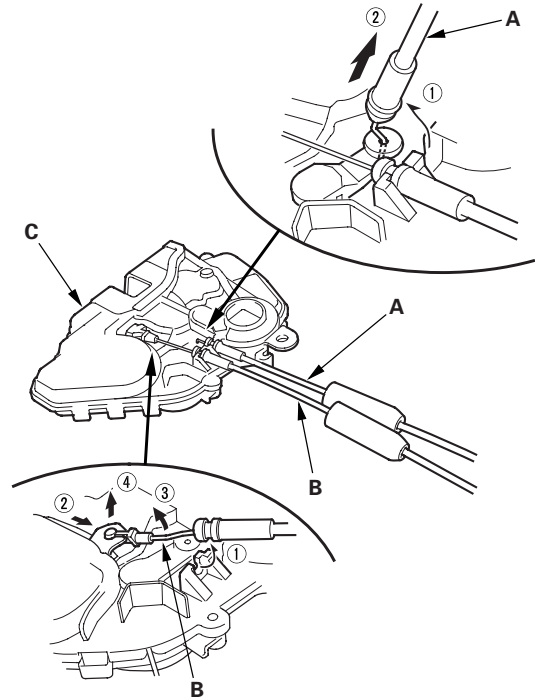
8. Remove the screw, then remove the latch protector (A) by releasing the hook (B).

Fastener Location

► : Screw, 1



9. Detach the latch cable (A) and the inner handle cable (B) from the latch (C).



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

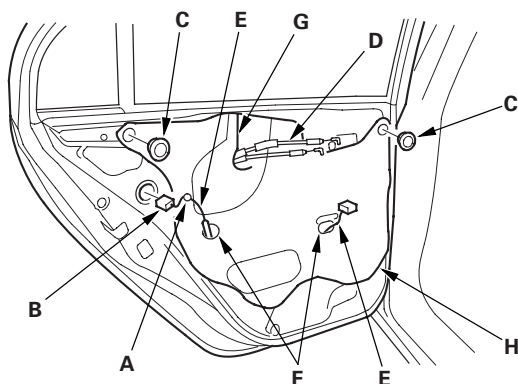
- Make sure the connector is plugged in properly, and each rod is connected securely.
- Make sure the door locks and opens properly.



Rear Door Glass and Regulator Replacement

NOTE: Put on gloves to protect your hands.

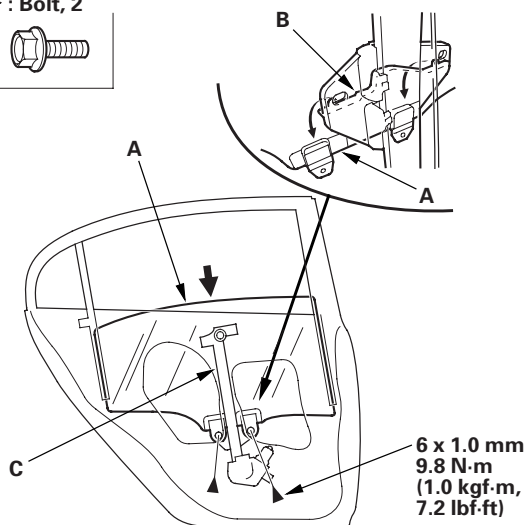
1. Remove the door panel (see page 20-17).
2. Detach the harness clip (A), and disconnect the power door lock actuator connector (B). Remove the plug caps (C).



3. Pass the cable (D) and the harnesses (E) through the holes (F) and slit (G) in the plastic cover (H), then remove it.
4. Carefully move the glass (A) until you can see the bolts, then remove them. Release the glass from the holder (B), then remove it from the regulator (C), and carefully lower the glass. Take care not to drop the glass inside the door.

Fastener Locations

► : Bolt, 2



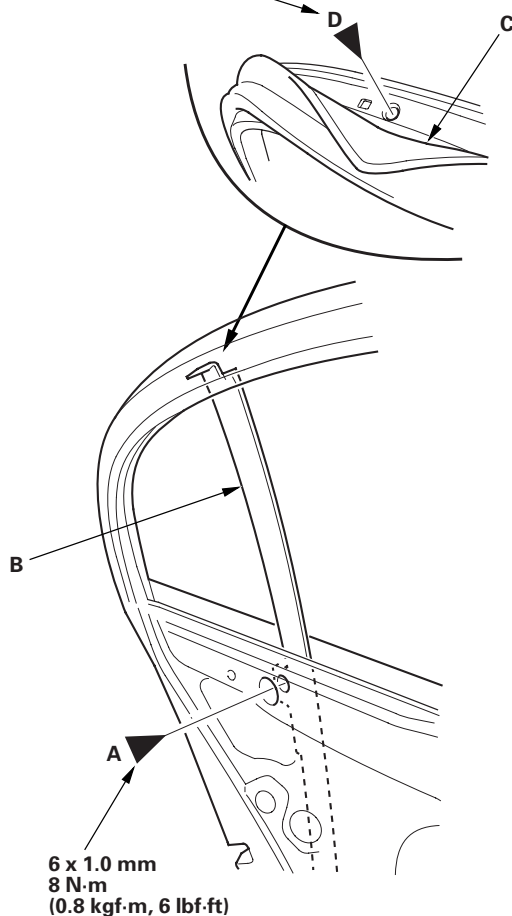
5. Remove the bolt (A) from the rear lower channel (B). Pull the glass run channel (C) away as needed, and remove the screw (D).

Fastener Locations

A ► : Bolt, 1 D ► : Screw, 1



4 x 0.7 mm
4 N·m
(0.4 kgf·m, 3 lbf·ft)

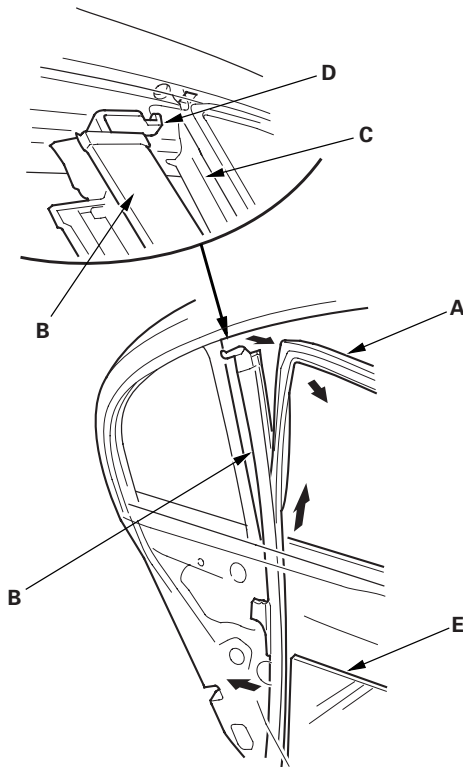


(cont'd)

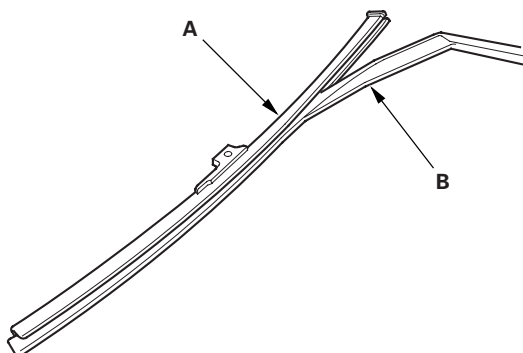
Doors

Rear Door Glass and Regulator Replacement (cont'd)

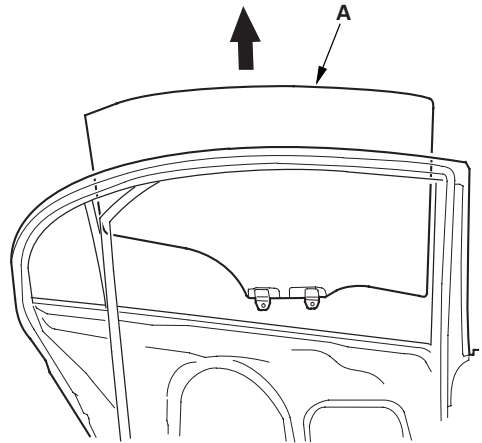
6. Pull the glass run channel (A) away as needed. Pull the rear lower channel (B) forward from the quarter glass seal (C) then release the upper hook (D) from the door. Remove the rear lower channel from the rear door glass (E), then pull the channel up to remove it.



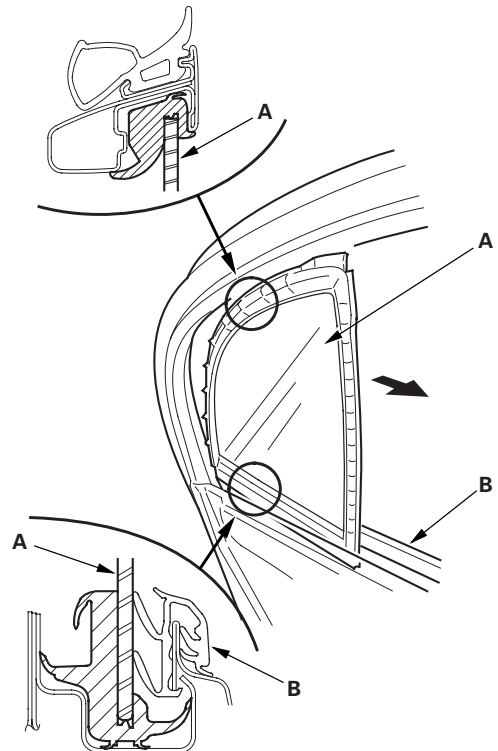
7. Remove the rear lower channel (A) from the glass run channel (B).



8. Carefully remove the glass (A) out through the window slot. Take care not to drop the glass inside the door.



9. Remove the quarter glass (A). Take care not to damage the outer weatherstrip (B).

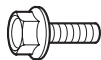




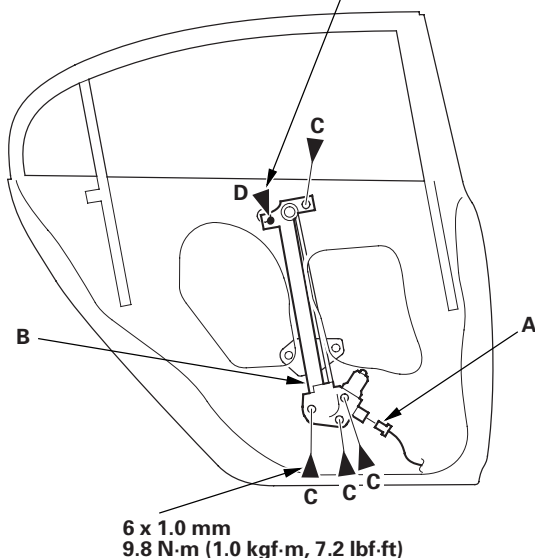
10. Disconnect the connector (A) from the regulator (B).

Fastener Locations

C ▶ : Bolt, 4 (Black) **D** ▶ : Bolt, 1 (Gold)

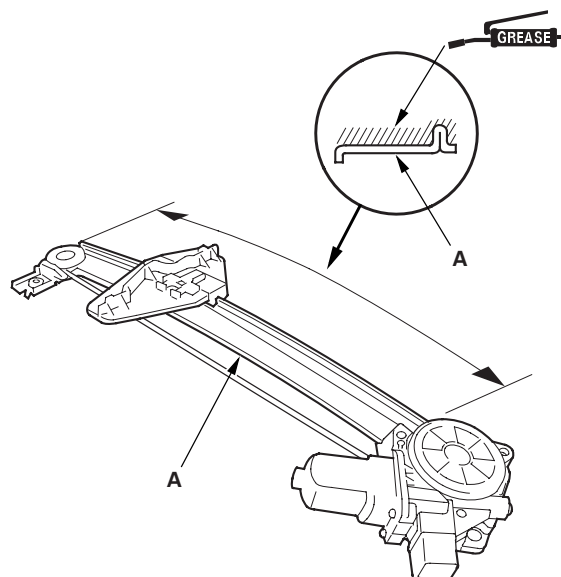


6 x 1.0 mm
9.8 N·m
(1.0 kgf·m, 7.2 lbf·ft)



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

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



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

- Roll the glass up and down to verify 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 20-28).
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).

Doors

Rear Door Glass Outer Weatherstrip Replacement

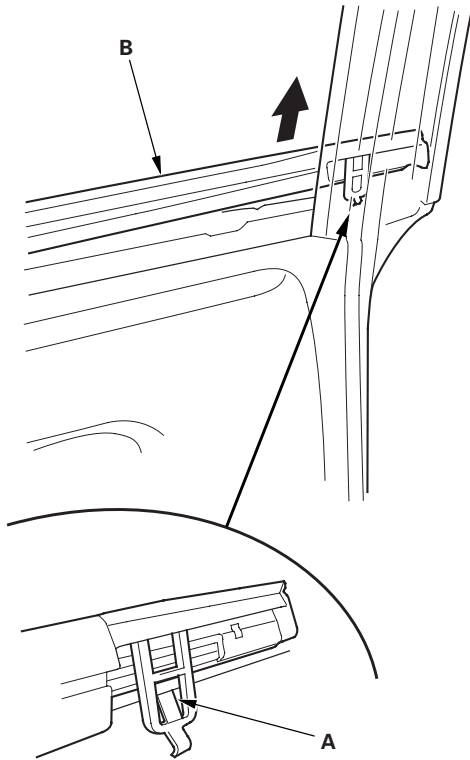
NOTE:

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

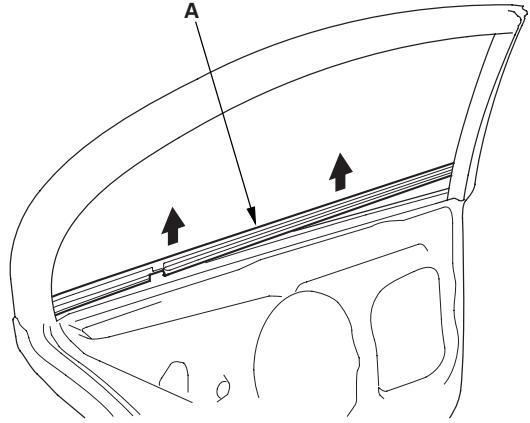
1. Remove these items:

- Door panel (see page 20-17)
- Plastic cover (see step 4 on page 20-19)
- Rear door glass (see page 20-23)
- Quarter glass (see step 9 on page 20-24)

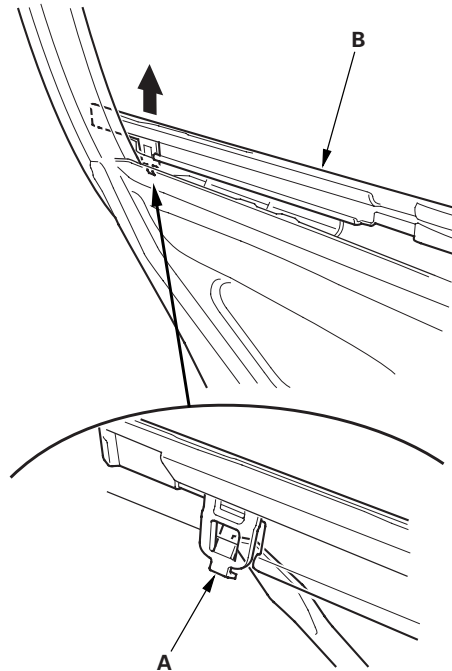
2. Release the front hook (A) from inside of the door, then pull up the front portion of the rear door glass outer weatherstrip (B).



3. Starting at the front, slowly pull up the rear door glass outer weatherstrip (A).



4. Push the rear hook (A) out from inside of the door, then remove the rear door glass outer weatherstrip (B).



5. Push the clip portions of the rear door glass outer weatherstrip into place securely.



Rear Door Weatherstrip Replacement

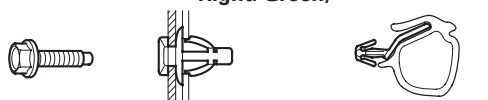
NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the door.
- Remove the clips with a clip remover.

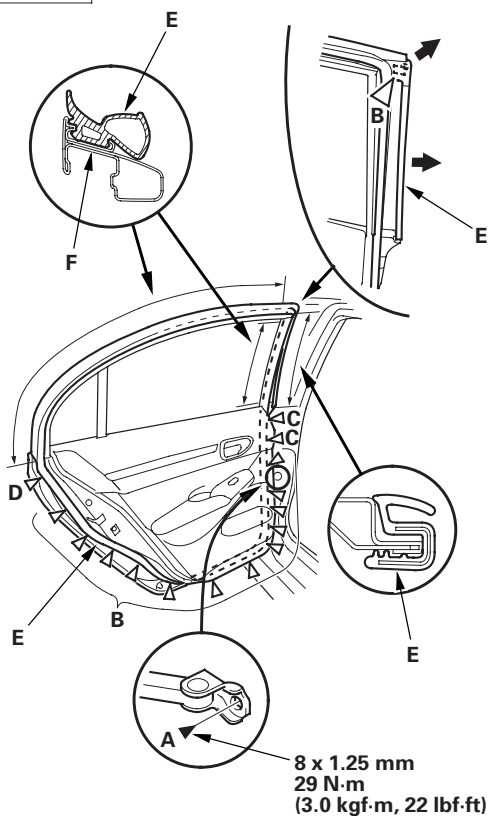
1. At the B-pillar, remove the door checker mounting bolt (A).

Fastener Locations

A ► : Bolt, 1 B ▷ : Clip, 13
(Left: Yellow Right: Green) C ▷ : Clip, 2
(White)



D ▷ : Clip, 1
(Black)



2. Detach the clips (B, C, D), then remove the door weatherstrip (E).

3. Install the weatherstrip in the reverse order of removal, and note these items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- Make sure the weatherstrip is installed in the holder (F) securely.
- Apply medium strength liquid thread lock to the door checker mounting bolt before installation.
- When reinstalling the door panel, make sure the plastic cover is installed properly and sealed around its outside perimeter to seal out water.
- Check for water leaks (see step 9 on page 20-29).

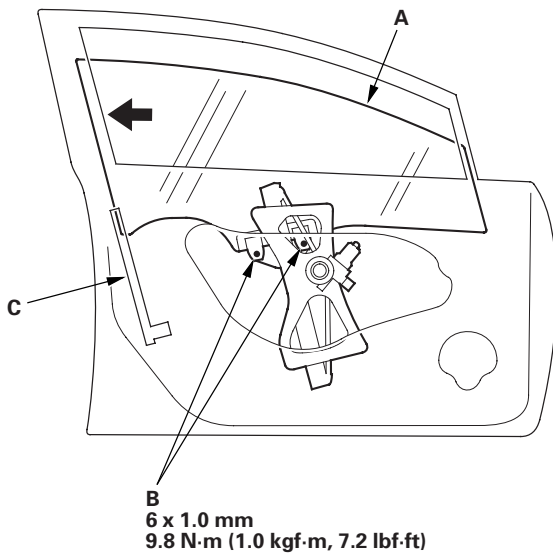
Doors

Front and Rear Door Glass Adjustment

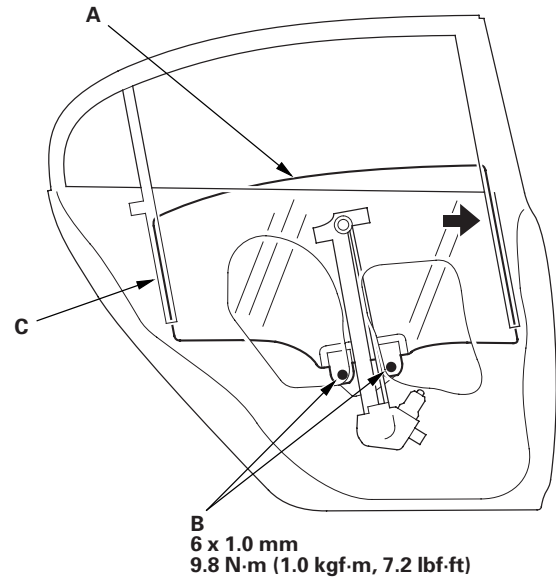
NOTE: Check the weatherstrip and glass run channel for damage or deterioration, and replace them if necessary.

1. Place the vehicle on a firm, level surface.
2. Remove these items:
 - Door panel:
 - Front door (see page 20-7)
 - Rear door (see page 20-17)
 - Plastic cover:
 - Front door (see step 4 on page 20-9)
 - Rear door (see step 4 on page 20-19)
3. Carefully move the glass (A) until you can see the glass mounting bolts (B), then loosen them.

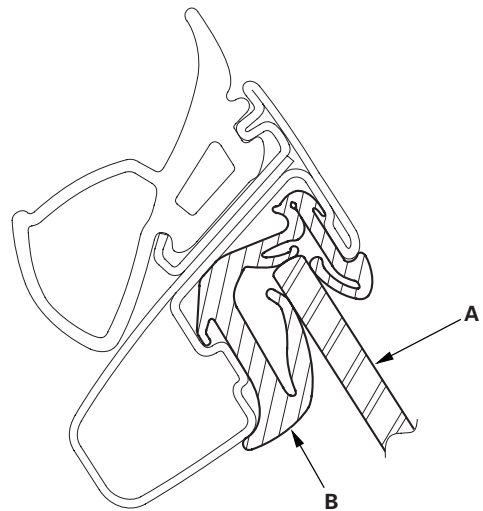
Front



Rear

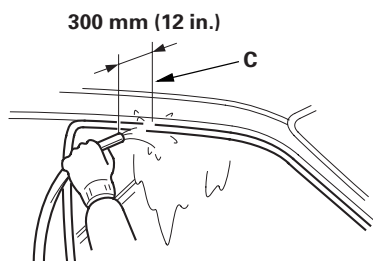
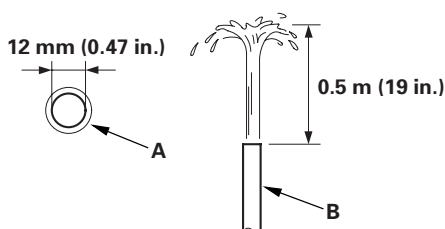


4. Push the glass against the channel (C), then tighten the glass mounting bolts.
5. Check that the glass moves smoothly.
6. Raise the glass fully, and check for gaps. Also make sure that the glass (A) contacts the glass run channel (B) evenly.





7. Attach the plastic cover making sure it its sealed around its outside perimeter to seal out water.
8. Reinstall the door panel:
 - Front door (see page 20-9)
 - Rear door (see page 20-19)
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 door (C).

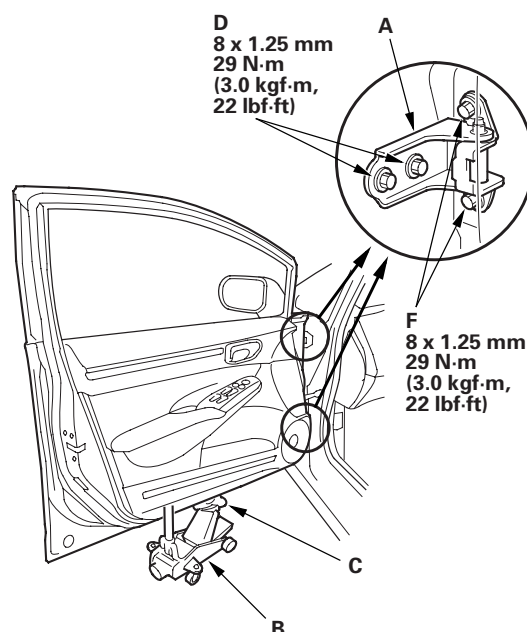


Front and Rear Door Position Adjustment

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 the body edges are parallel. If necessary, replace the mounting bolts before adjusting the door position.

1. Place the vehicle on a firm, level surface when adjusting the doors.
2. Adjust at the hinges (A):
 - Pad a floor jack (B) with shop towels (C), then use the jack to support the door to prevent damage to the door while adjusting it.
 - On the front door: Remove the front inner fender (see page 20-171). Loosen the hinge mounting bolts (D) slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.
 - On the rear door: Loosen the hinge mounting bolts (E) slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.

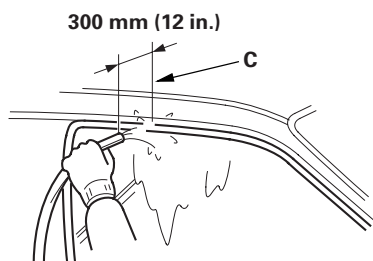
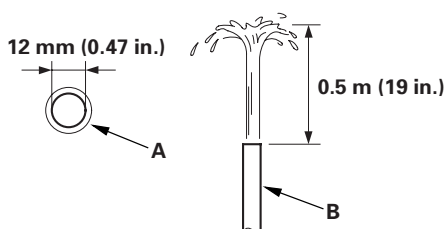
Front door



(cont'd)



7. Attach the plastic cover making sure it its sealed around its outside perimeter to seal out water.
8. Reinstall the door panel:
 - Front door (see page 20-9)
 - Rear door (see page 20-19)
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 door (C).

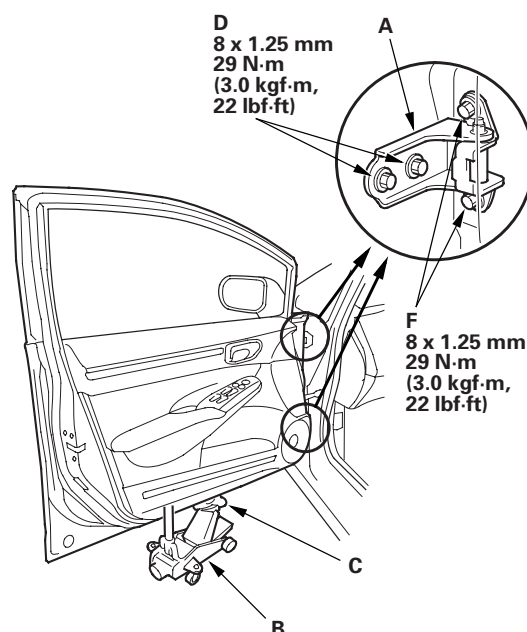


Front and Rear Door Position Adjustment

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 the body edges are parallel. If necessary, replace the mounting bolts before adjusting the door position.

1. Place the vehicle on a firm, level surface when adjusting the doors.
2. Adjust at the hinges (A):
 - Pad a floor jack (B) with shop towels (C), then use the jack to support the door to prevent damage to the door while adjusting it.
 - On the front door: Remove the front inner fender (see page 20-171). Loosen the hinge mounting bolts (D) slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.
 - On the rear door: Loosen the hinge mounting bolts (E) slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.

Front door

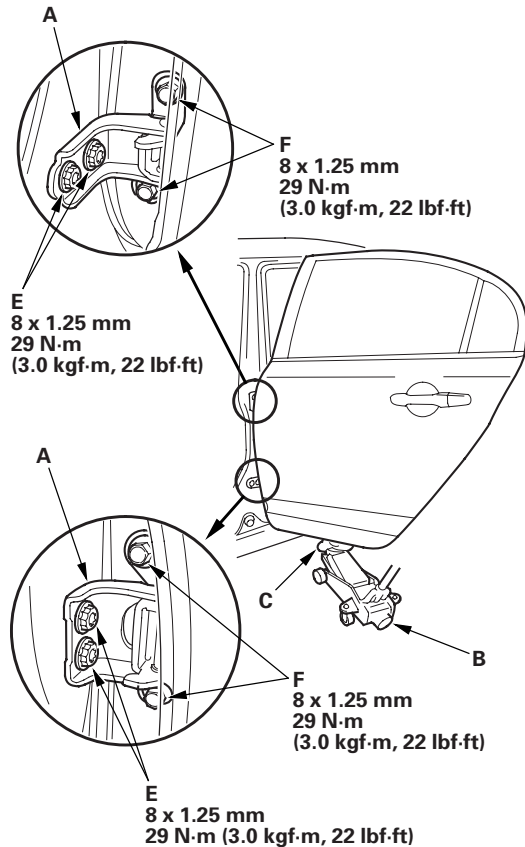


(cont'd)

Doors

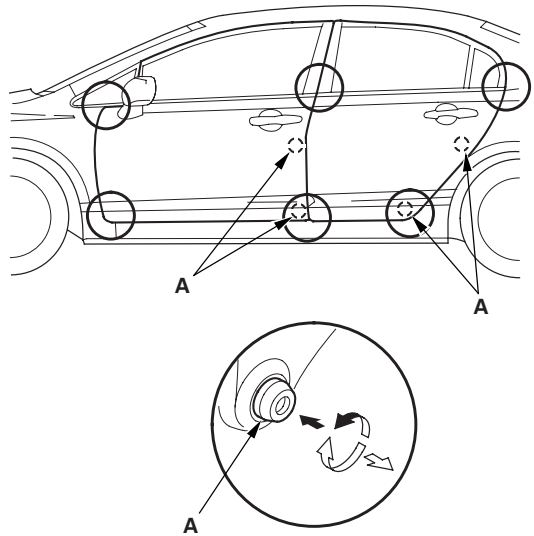
Front and Rear Door Position Adjustment (cont'd)

Rear door



3. If necessary, replace the door mounting bolts with the adjusting bolts (P/N 90102-SFA-305) made specifically for door adjustment, then adjust at the door: Loosen the door mounting bolts (F) slightly, and move the door up or down as necessary to equalize the gaps, and move it in or out until it's flush with the body.

4. 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.



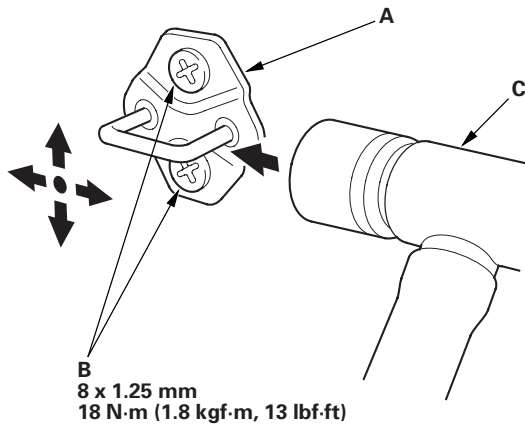
5. Apply touch-up paint to the hinge mounting bolts, and around the hinges.
6. Check for water leaks (see step 9 on page 20-29).



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.

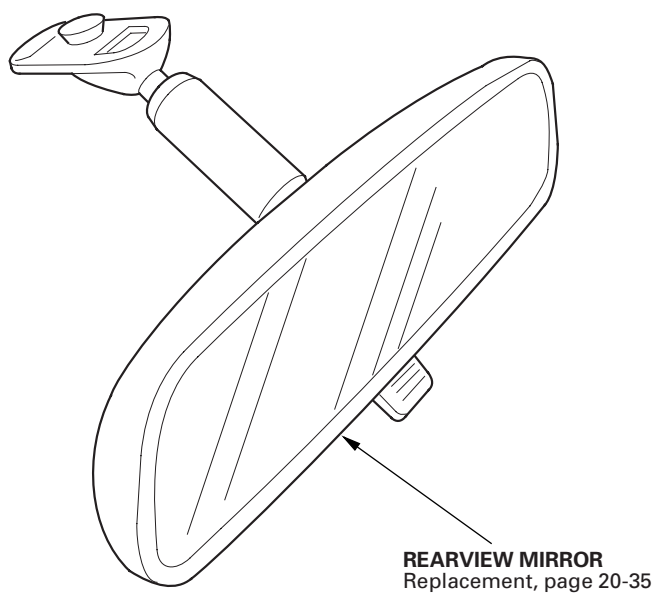
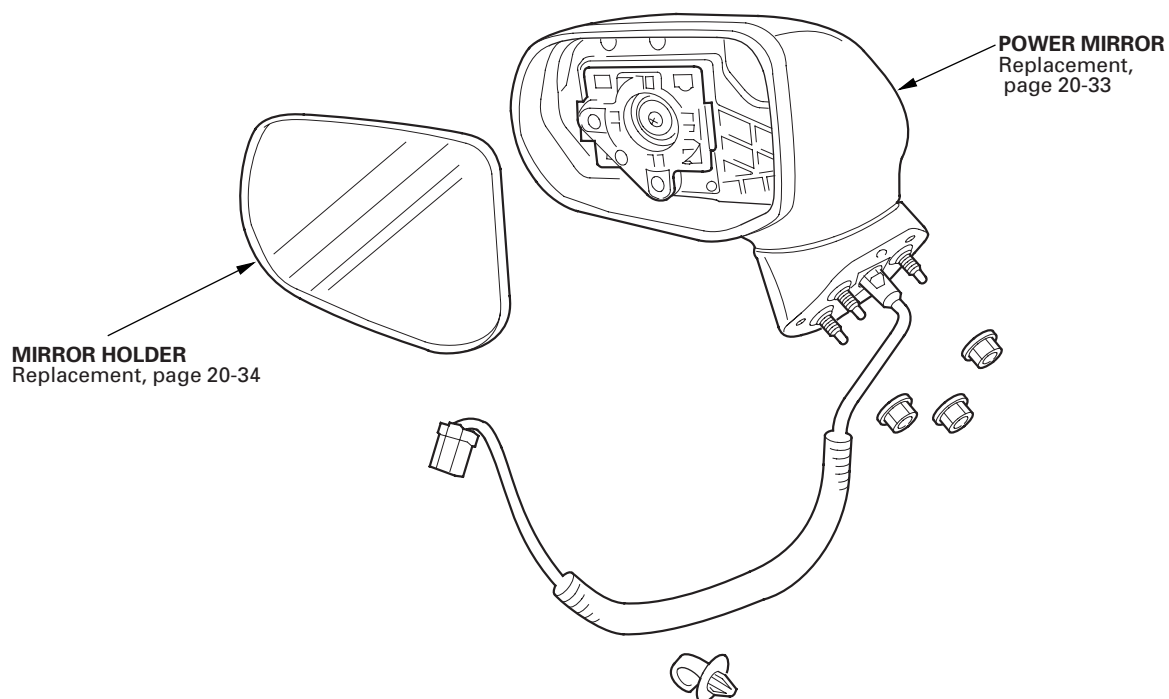
1. Loosen the screws (B).



2. Wrap the striker with a shop towel, then adjust the striker by tapping it with a plastic hammer (C). Do not tap the striker too hard.
3. Lightly tighten the screws.
4. 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 to the specified torque, and recheck.

Mirrors

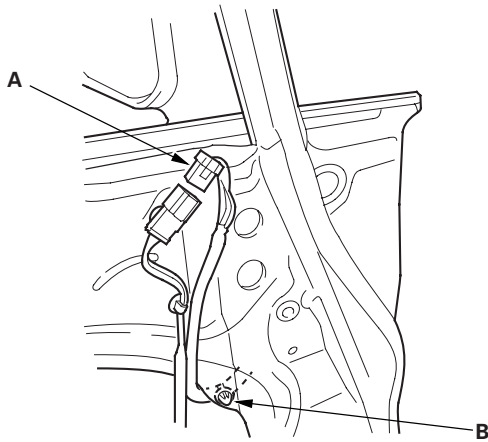
Component Location Index





Power Mirror Replacement

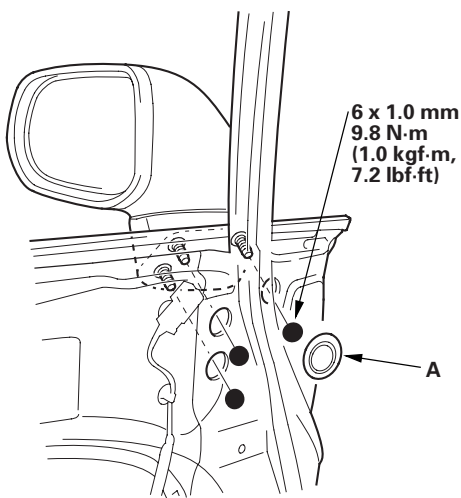
1. Raise the door glass fully.
2. Remove these items:
 - Door panel (see page 20-7)
 - Plastic cover, as needed (see step 4 on page 20-9)
3. Disconnect the connector (A), and detach the harness clip (B).



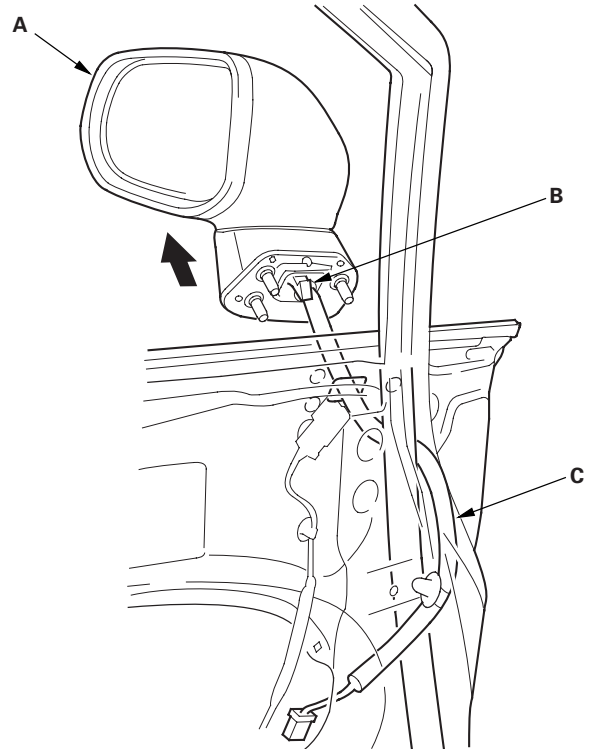
4. Remove the maintenance cap (A), and remove the nuts.

Fastener Locations

● : Nut, 3



5. While holding the mirror (A), detach the clip (B), then remove the mirror, and pull the harness (C) out through the hole in the door. Take care not to scratch the door.



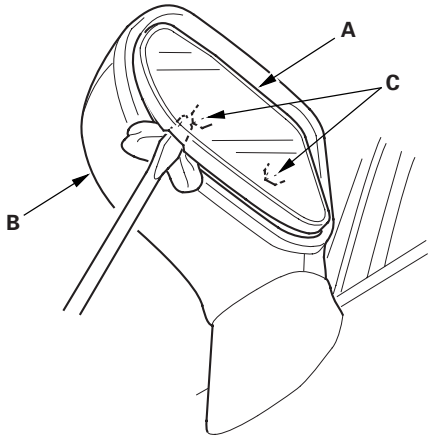
6. Install the mirror in the reverse order of removal, and make sure the connector is plugged in properly.

Mirrors

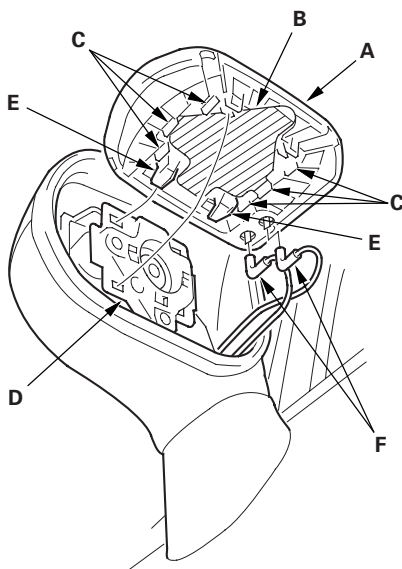
Mirror Holder Replacement

NOTE: Put on gloves to protect your hands.

1. Carefully push on the top edge of the mirror holder (A) by hand.

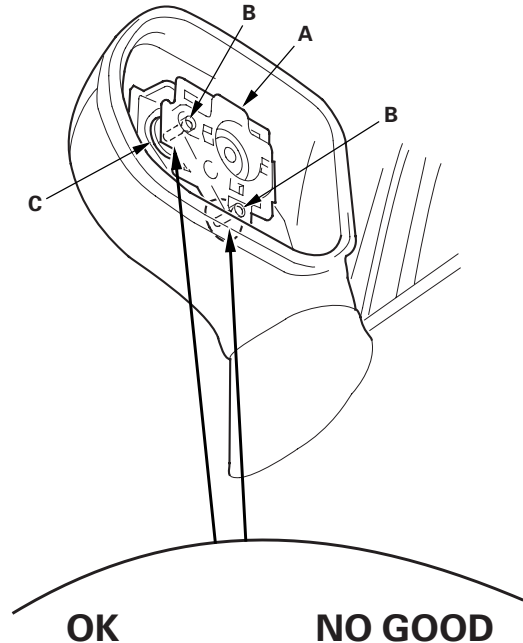


2. Put a shop towel in the opening between the lower edge of the mirror holder and the mirror housing (B) to prevent scratches, and detach the bottom clips (C) with a flat-tip screwdriver wrapped with protective tape.
3. Carefully pull out the bottom edge of the mirror holder (A) to separate the adhesive (B), and then release the side clips (C).



4. Separate the mirror holder from the actuator (D) by releasing the hooks (E). Disconnect the mirror defogger connectors (F) from the heater pad terminals.

5. Before reinstalling the mirror holder to the inner holder (A) on the actuator, check the actuator rods (B) and the actuator boots (C). Make sure the actuator rods are securely mounted in the holes, and that the boots properly cover each rod.

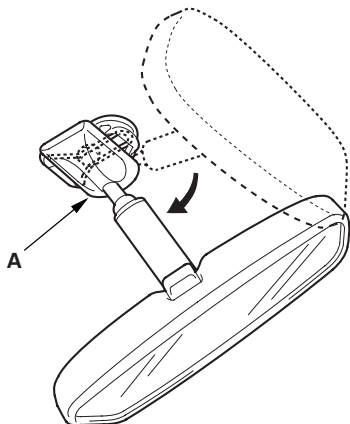


6. Reconnect the mirror defogger connectors.
7. Reattach the hooks of the mirror holder to the actuator, then position the mirror holder on the actuator. Carefully push on the clip portions of the mirror holder until the mirror holder locks into place.
8. Check the actuator operation.

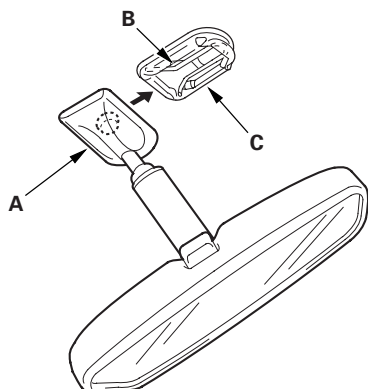


Rearview Mirror Replacement

1. Turn the rearview mirror base (A) 90 °.



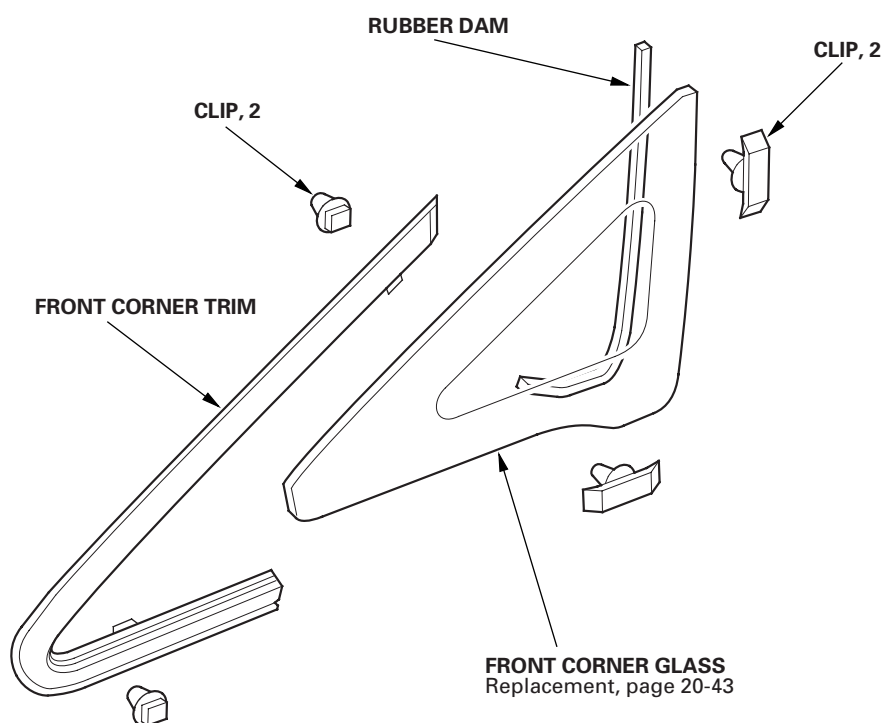
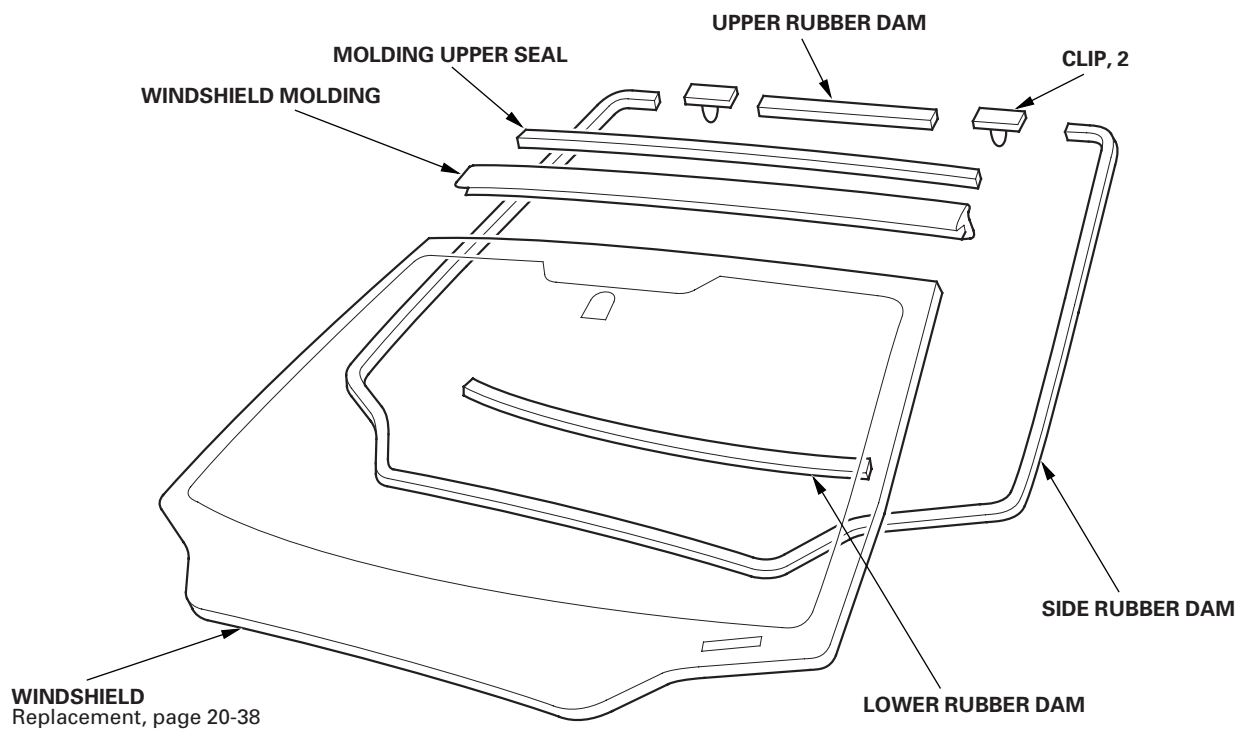
2. Slide the rearview mirror (A) down toward the bottom of the windshield to detach it from the spring (B) in the mount (C).

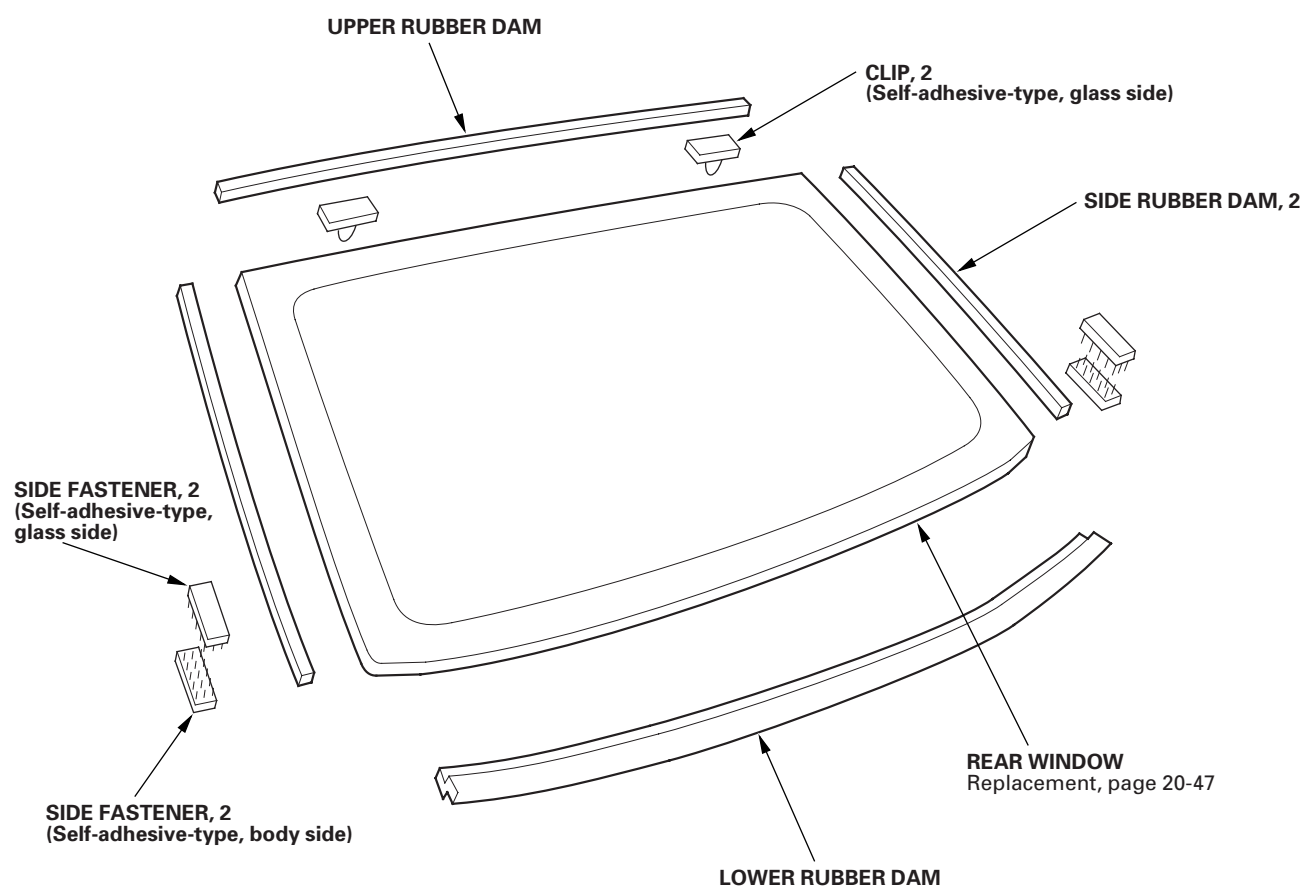


3. Install the rearview mirror in the reverse order of removal.

Glass

Component Location Index





Windshield Replacement

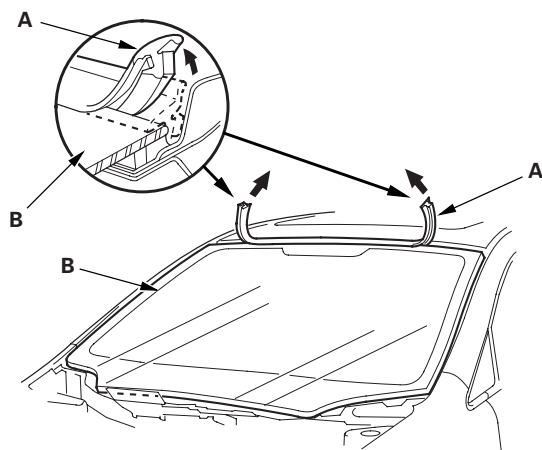
NOTE:

- Put on gloves to protect your hands.
- Wear eye protection while cutting the glass adhesive with a piano wire.
- Use seat covers to avoid damaging the seat.
- When replacing a broken windshield, a commercially available windshield cutter can be efficiently used for cutting the adhesive. For details, follow the tool manufacturer's instructions.

1. Remove these items:

- Windshield wiper arms (see page 22-233)
- Cowl covers (see page 20-163)
- Rearview mirror (see page 20-35)
- A-pillar trim, both sides (see page 20-69)
- Roof moldings (see page 20-165)

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

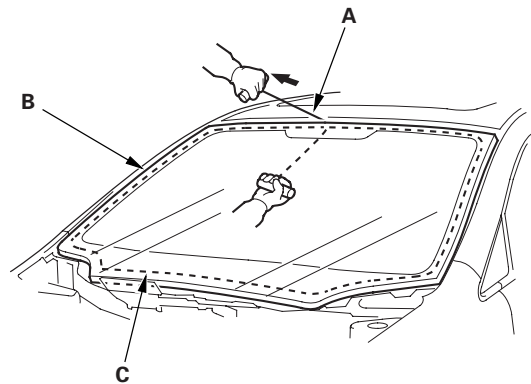


3. If the old windshield will be reinstalled, make alignment marks across the glass and the body with a grease pencil.

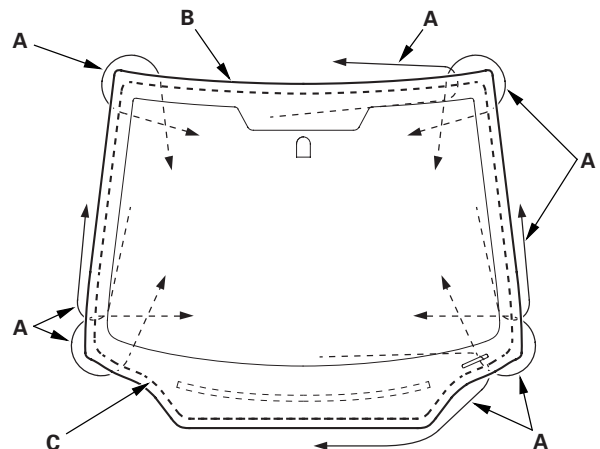
4. Pull down the front portion of the headliner (see page 20-84). Take care not to bend the headliner excessively, or you may crease or break it.

5. Apply protective tape along the edge of the dashboard and the body. Make a hole with an awl through the rubber dam and adhesive from inside the vehicle at a corner 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 the dashboard. Carefully cut through the rubber dam and adhesive (C) around the entire windshield.



Cutting positions



7. Carefully remove the windshield.



8. Scrape smooth the old adhesive, using a putty knife or similar tool, until there is 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.
 - Replace the dashboard seal with a new one.
9. Clean the body bonding surface with a shop towel dampened in isopropyl alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.
10. If the old windshield will be reinstalled, scrape off the old adhesive, the fasteners, and the rubber dam from the windshield with a putty knife. Clean the bonding surfaces on the inside face and the edge of the windshield with isopropyl alcohol. Make sure the bonding surface is kept free of water, oil, and grease.

11. Attach the upper rubber dam (A), the lower rubber dam (B), and the clips (C) with adhesive tape to the inside face of the windshield (D) as shown:

- Be sure the rubber dam and the clips line up with the alignment marks (E).
- Be sure the convex portion (F) of the left and the right clips faces the left side.
- Be careful not to touch the windshield where adhesive will be applied.

Rubber dams adhesive tape:

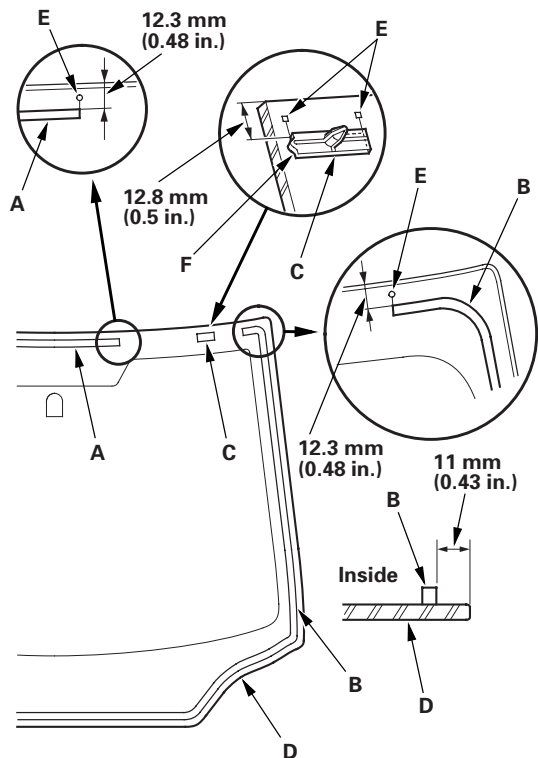
Thickness 0.16 mm (0.006 in.)

Width 3.5 mm (0.14 in.)

Clips adhesive tape:

Thickness 0.4 mm (0.016 in.)

Width 10 mm (0.39 in.)



(cont'd)

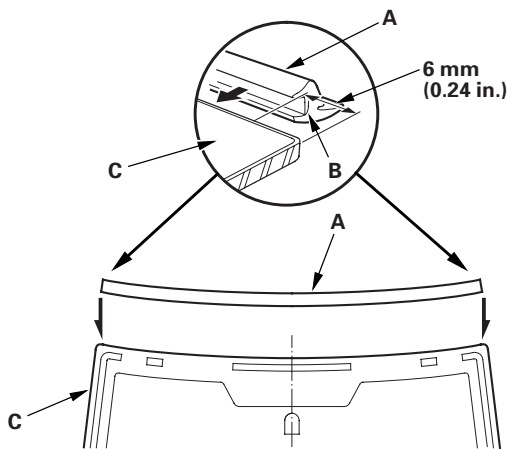
Windshield Replacement (cont'd)

12. Attach the molding (A) with adhesive tape (B) to the upper edge of the windshield (C). Be careful not to touch the windshield where adhesive will be applied.

Molding adhesive tape:

Thickness 0.8 mm (0.03 in.)

Width 4 mm (0.16 in.)

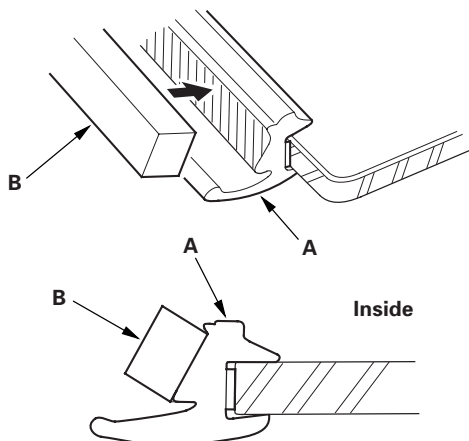


13. Apply primer to the molding (A), then attach the molding upper seal (B) with adhesive tape to the inside surface of the molding as shown.

Seal adhesive tape: Thickness 0.16 mm (0.006 in.)

Width 7 mm (0.28 in.)

//// : Apply primer here.

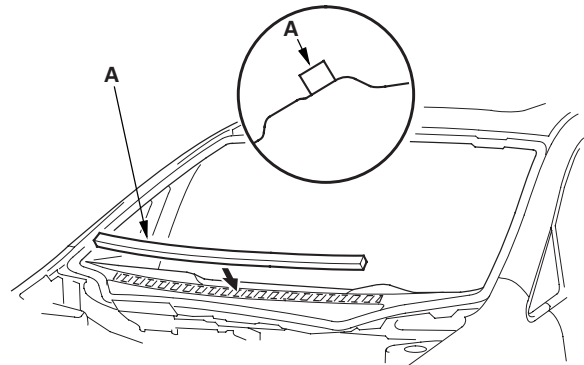


14. Attach the lower rubber dam (A) with adhesive tape to the body as shown. Do not peel the glass side adhesive backing.

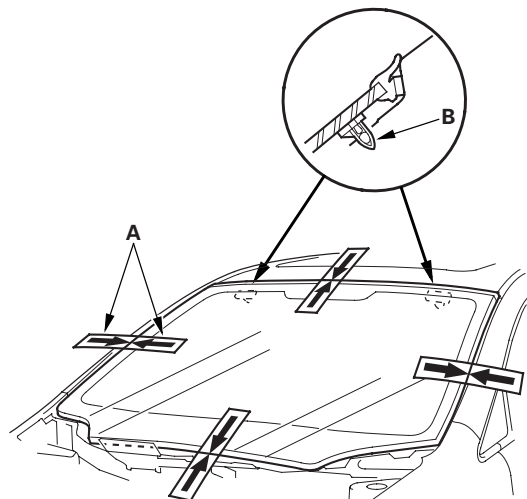
Rubber dam adhesive tape:

Thickness 0.16 mm (0.006 in.)

Width 5 mm (0.2 in.)



15. Set the windshield in the opening, and center it. Make alignment marks (A) across the windshield and the body with a grease pencil at the four points shown. Make sure both clips (B) contact with the edge of the body holes. Be careful not to touch the windshield where adhesive will be applied.



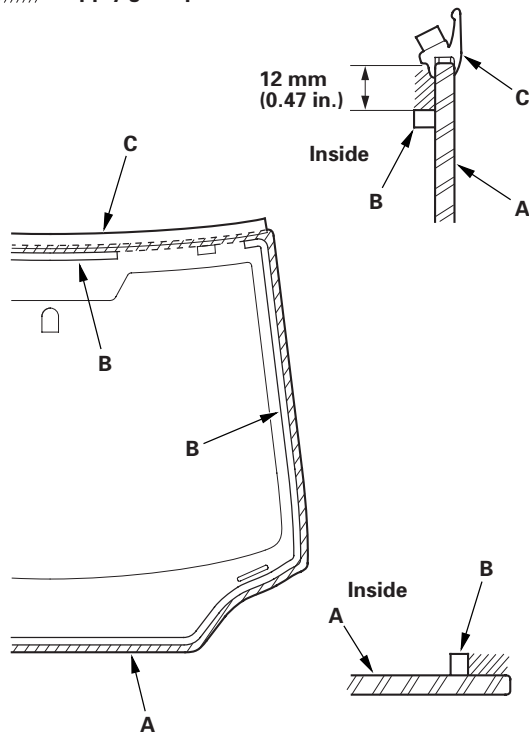
16. Remove the windshield.



17. Apply a light coat of glass primer with a sponge applicator around the edge of the windshield (A) between the dams (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 sponge applicators 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 primed surfaces.

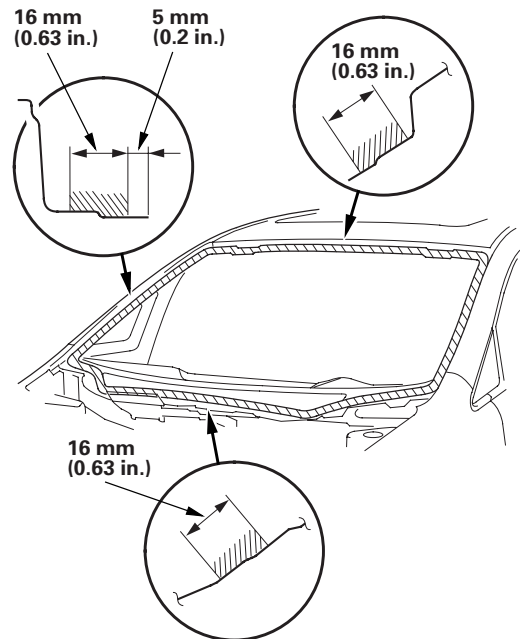
//// : Apply glass primer here.



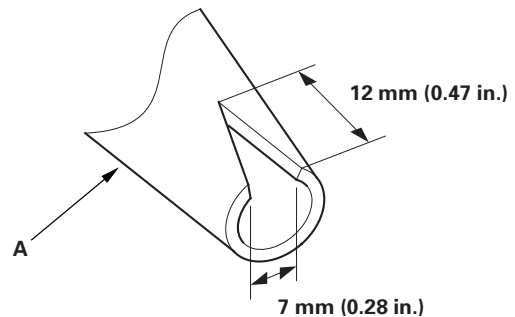
18. Carefully apply a light coat of body primer with a sponge applicator to any exposed paint or metal around the flange where new adhesive will be applied. Let the primer dry for at least 10 minutes:

- Do not apply body primer to any remaining original adhesive on the flange.
- Be careful not to mix up the body and the glass primer sponge applicators.
- Never touch the primed surfaces with your hands.

//// : Apply body primer to any exposed paint as shown.



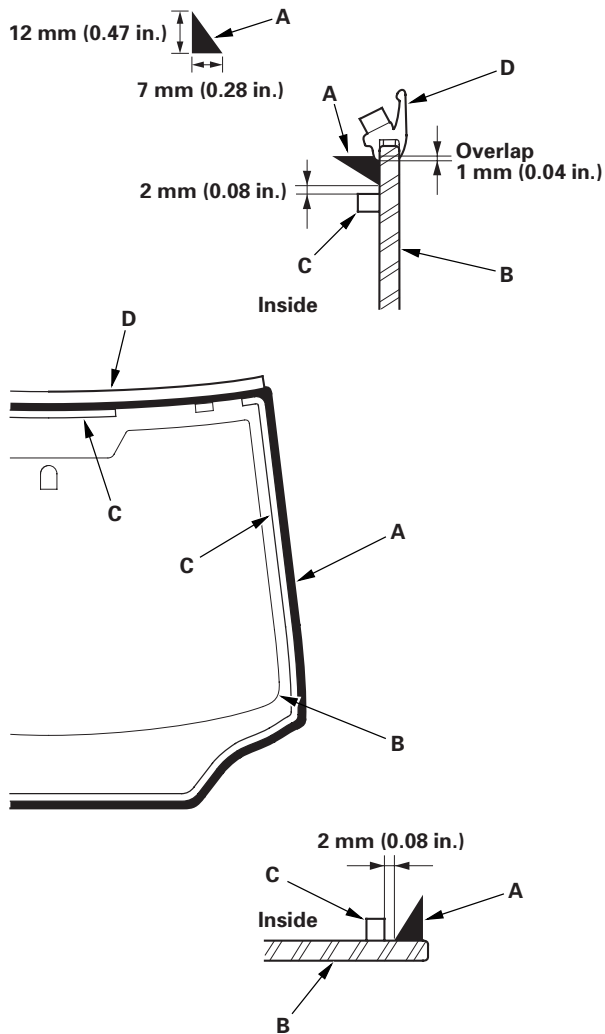
19. Cut a "V" in the end of the nozzle (A) on the adhesive cartridge as shown.



(cont'd)

Windshield Replacement (cont'd)

20. Put the cartridge in a caulking gun, and run a continuous bead of adhesive (A) around the edge of the windshield (B) between the dams (C) and the molding (D) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.



21. Pull out the glass side adhesive backing away from the lower rubber dam.

22. Hold the windshield with suction cups over the opening, align it with the alignment marks made in step 15, 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.

NOTE: Do not open or close any of the doors for about an hour until the adhesive is dry.

23. 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 isopropyl alcohol.
24. After the adhesive has dried, spray water over the windshield and check for leaks. Mark leaking area, 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.

25. Reinstall all remaining removed parts.

NOTE: 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).

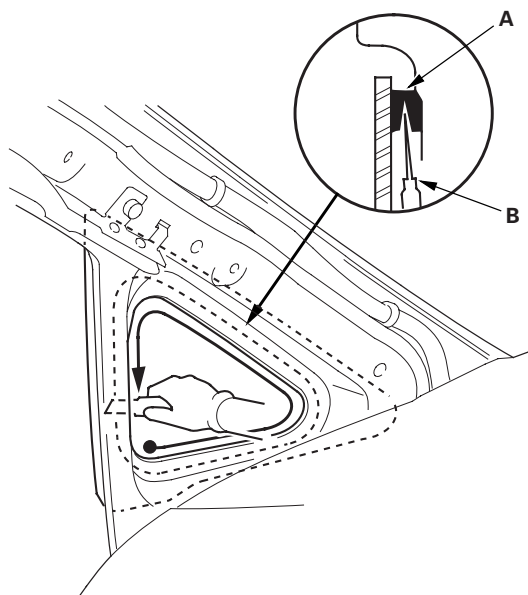


Front Corner Glass Replacement

NOTE:

- Put on gloves to protect your hands.
- Wear eye protection while cutting the glass adhesive.
- Use seat covers to avoid damaging any surface.

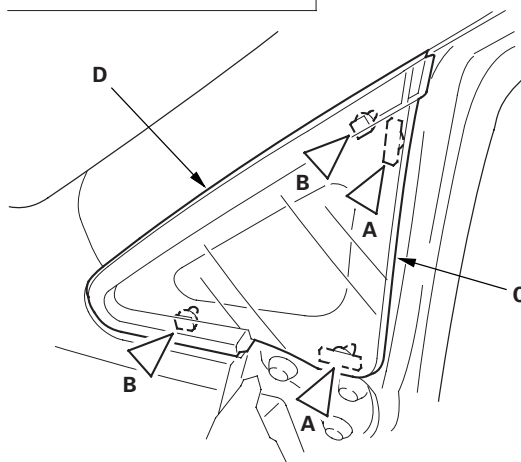
1. Remove the A-pillar trim (see page 20-69).
2. From inside the vehicle, cut through the front corner glass adhesive (A) with a utility knife (B) all the way around. Apply protective tape along the edge of the entire front corner glass opening flange.



3. From outside the vehicle, pry the front corner glass clips (A) and the front corner trim clips (B), then carefully remove the glass (C) and the trim (D) together. The trim is not attached to the glass.

Fastener Locations

A ▷ : Clip, 2 B ▷ : Clip, 2



4. Scrape smooth the old adhesive, using a putty knife or similar tool, until there is a thickness of about 2 mm (0.08 in.) on the bonding surface around the entire front corner glass opening flange:
 - Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
 - If any of the clips are broken, remove them from the body.
5. Clean the body bonding surface with a sponge applicator dampened in isopropyl alcohol. After cleaning, keep oil, grease, and water from getting on the surface.
6. If the old front corner glass will be reinstalled, scrape off the old adhesive with a putty knife from the front corner glass. Clean the bonding surfaces on the inside face of the front corner glass and the edge of the glass with isopropyl alcohol. Make sure the bonding surface is kept free of water, oil and grease.

(cont'd)

Front Corner Glass Replacement (cont'd)

7. Attach the rubber dam (A) and the clips (B) with adhesive tape to the inside face of the front corner glass (C) as shown.
Be careful not to touch the front corner glass where adhesive will be applied.

Rubber dam adhesive tape:

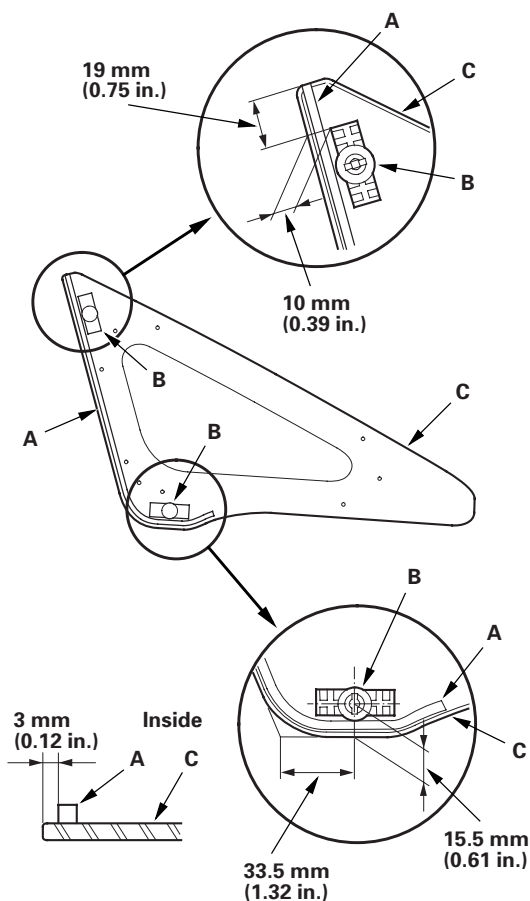
Thickness 0.16 mm (0.006 in.)

Width 3 mm (0.12 in.)

Clip adhesive tape:

Thickness 1.2 mm (0.047 in.)

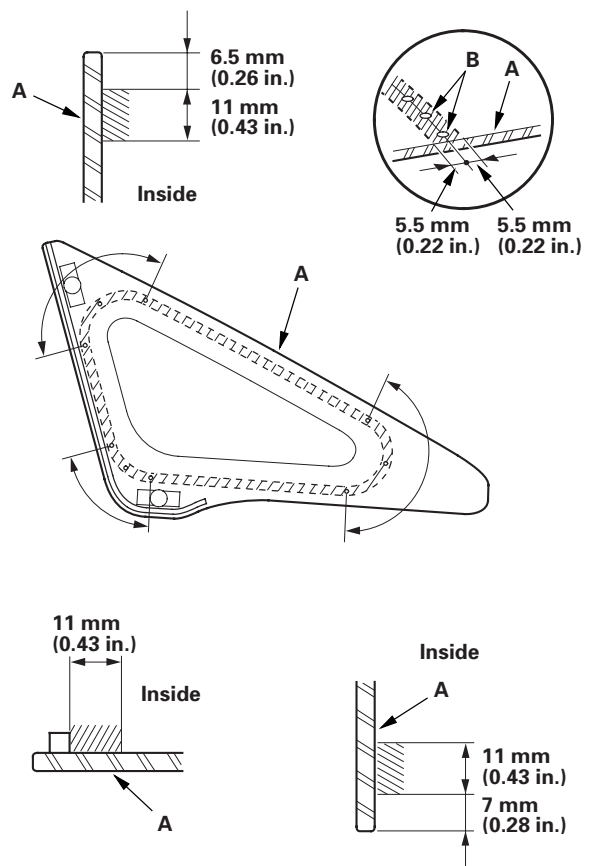
Width 9 mm (0.35 in.)



8. Apply a light coat of glass primer with a sponge applicator to the inside face of the front corner glass (A) as shown, then lightly wipe it off with gauze or cheesecloth:

- With the printed dots (B) on the front corner glass as a guide, apply the glass primer to both lower corner portions of the front corner glass.
- Do not apply body primer to the front corner glass, and do not get body and glass primer sponge applicators mixed up.
- Never touch the primed surfaces with your hands. If you do, the adhesive may not bond to the front corner glass properly, causing a leak after the front corner glass is installed.
- Keep water, dust, and abrasive materials away from primed surfaces.

//// : Apply glass primer here.

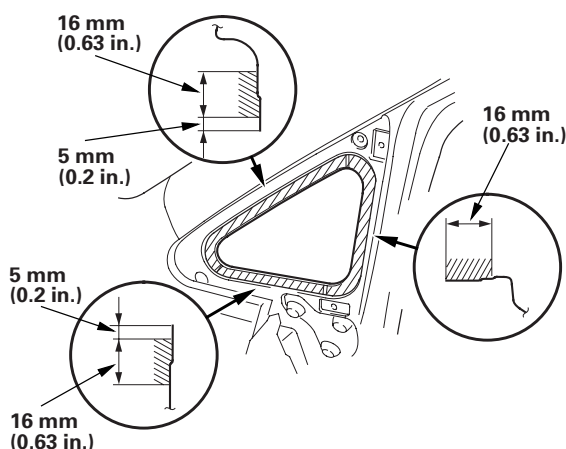




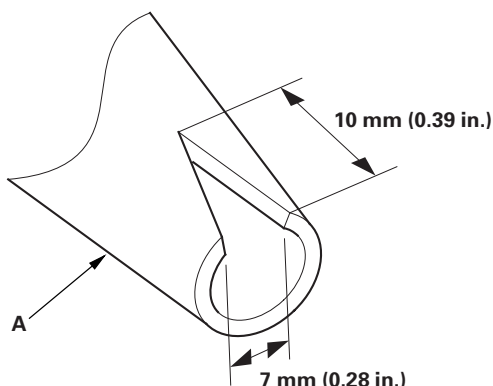
9. Carefully apply a light coat of body primer with a sponge applicator to any exposed paint or metal around the flange where new adhesive will be applied. Let the primer dry for at least 10 minutes:

- Do not apply body primer to any remaining original adhesive on the flange.
- Be careful not to mix up the body and glass primer sponge applicators.
- Never touch the primed surfaces with your hands.
- Mask off the dashboard before painting the flange.

//// : Apply body primer here.

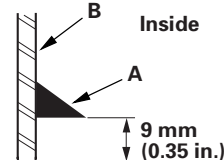
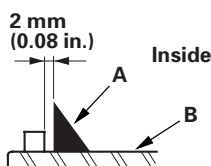
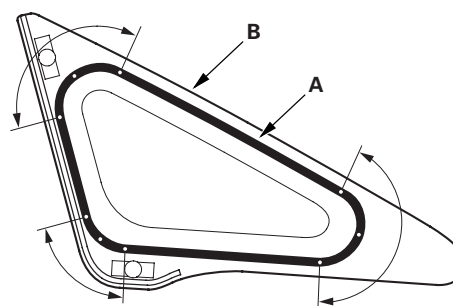
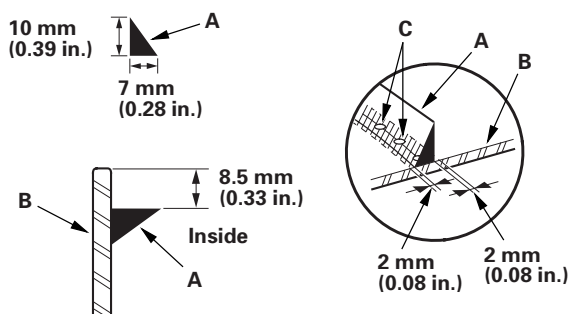


10. Cut a "V" in the end of the nozzle (A) on the adhesive cartridge as shown.



11. Put the cartridge in a caulking gun, and run a continuous bead of adhesive (A) around the front corner glass (B) as shown:

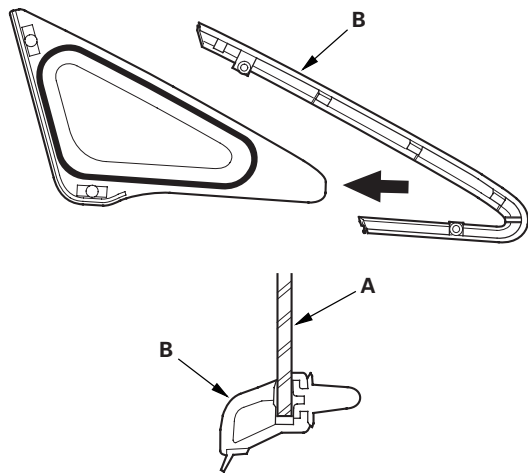
- With the printed dots (C) on the front corner glass as a guide, apply the adhesive to both side portions of the front corner glass.
- Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.



(cont'd)

Front Corner Glass Replacement (cont'd)

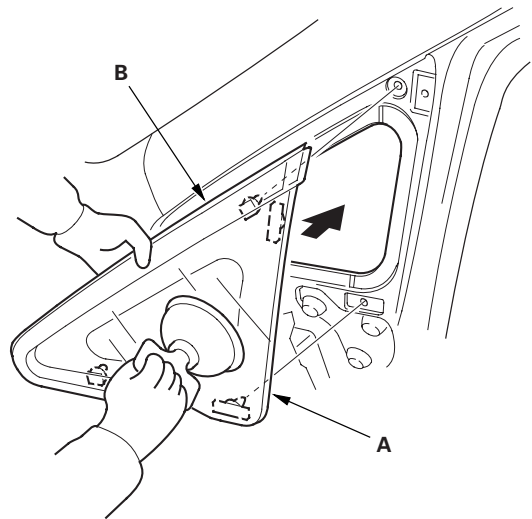
12. Set the front corner glass (A) to the front corner trim (B) quickly. Be careful not to touch the adhesive.



13. Hold the front corner glass (A) with a suction cup over the opening while holding the front corner trim (B) by the other hand, align the clips, and set it down on the adhesive. Lightly push on the front corner glass until its edges are fully seated on the adhesive all the way around.

NOTE:

- Make sure that there is no clearance between the sash and front lower sash.
- Do not open or close any of the doors for about an hour until the adhesive is dry.



14. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the front corner glass, wipe with a soft shop towel dampened with isopropyl alcohol.
15. After the adhesive has dried, spray water over the front corner glass and check for leaks. Mark the leaking area, let the front corner glass dry, then seal with sealant. Let the vehicle stand for at least 4 hours after front corner glass installation. If the vehicle has to be used within the first 4 hours, it must be driven slowly.
16. Reinstall all remaining removed parts.

NOTE: 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).



Rear Window Replacement

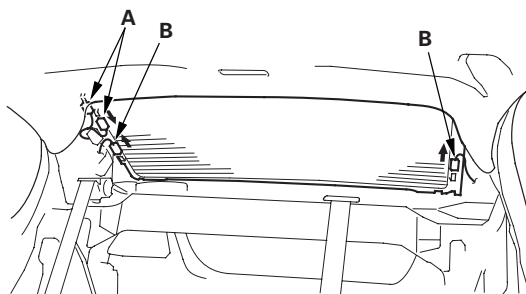
NOTE:

- Put on gloves to protect your hands.
- Wear eye protection while cutting the glass adhesive with a piano wire.
- Use seat covers to avoid damaging any surfaces.
- Do not damage the rear window defogger grid lines, window antenna grid lines, and terminals.

1. Remove these items:

- Trunk lid
- C-pillar trim (see page 20-75)
- Rear shelf (see page 20-78)

2. Disconnect the window antenna connectors (A) and rear window defogger connectors (B).

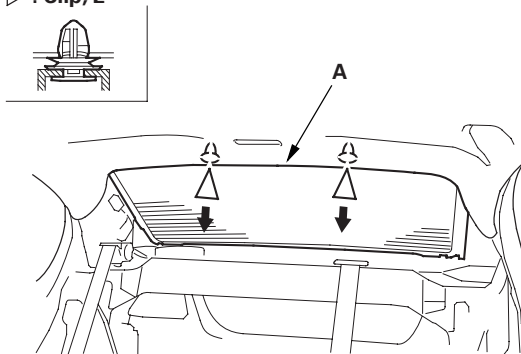


3. If the old rear window will be reinstalled, make alignment marks across the glass and the body with a grease pencil.

4. Pull down the rear portion of the headliner (A) by detaching the clips. Take care not to bend the headliner excessively, or you may crease or break it.

Fastener Locations

▷ : Clip, 2

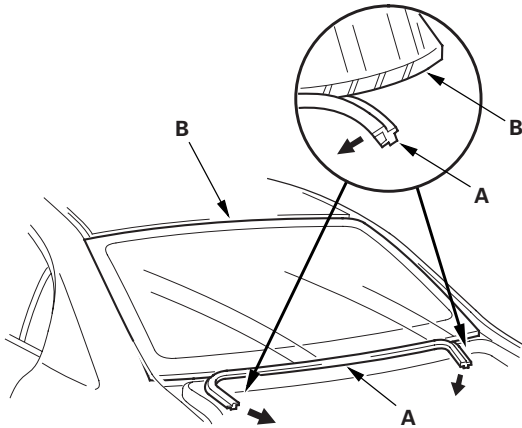


5. Apply protective tape along the inside and outside edges of the body. Make a hole with an awl through the adhesive from inside the vehicle at a corner of the rear window. Push a piece of piano wire through the hole, and wrap each end around a piece of wood.

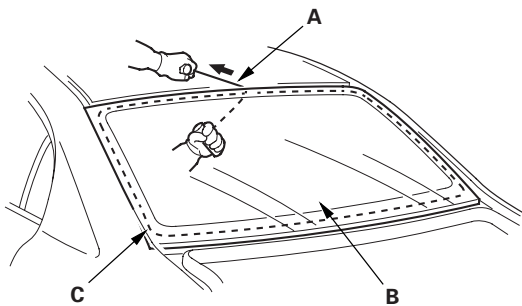
(cont'd)

Rear Window Replacement (cont'd)

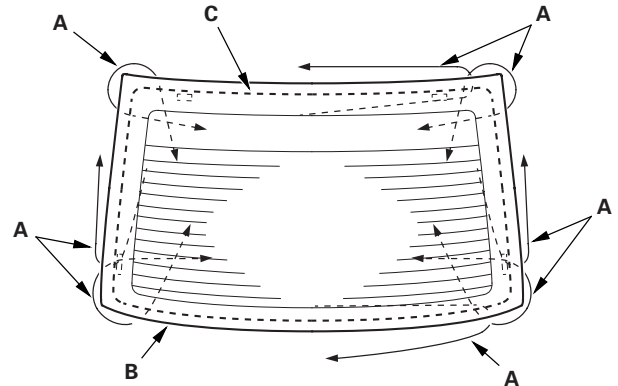
6. Remove the lower rubber dam (A) from the lower edge of the rear window (B). If necessary, cut the rubber dam with a utility knife.



7. 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 rear window (B) as possible to prevent damage to the body, and carefully cut through adhesive (C) around the entire rear window.



Cutting positions



8. Carefully remove the rear window.
9. Scrape smooth the old adhesive, using a putty knife or similar tool, until there is a thickness of about 2 mm (0.08 in.) on the bonding surface around the entire rear window opening flange:
- Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
 - Remove the fasteners from the body.
10. Clean the body bonding surface with a shop towel dampened in isopropyl alcohol. After cleaning, keep oil, grease, and water from getting on the surface.
11. If the old rear window will be reinstalled, scrape off the old adhesive, the fasteners, and the rubber dam from the rear window with a putty knife. Clean the bonding surfaces on the inside face and the edge of the rear window with isopropyl alcohol. Make sure the bonding surface is kept free of water, oil, and grease.

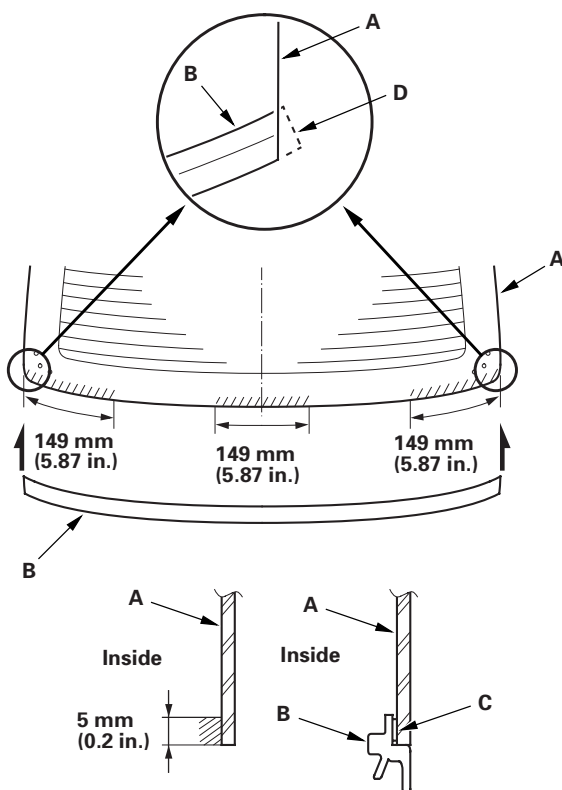


12. Apply primer to the edge of the rear window (A) where the lower rubber dam adhesive tape will be attached as shown. Attach the lower rubber dam (B) with adhesive tape (C) to the lower edge of the rear window:

- After installing the rubber dam, cut the ends (D) of the rubber dam as shown.
- Be careful not to touch the windshield where adhesive will be applied.

Rubber dam adhesive tape:
Thickness 0.2 mm (0.008 in.)
Width 4 mm (0.16 in.)

//// : Apply primer here.



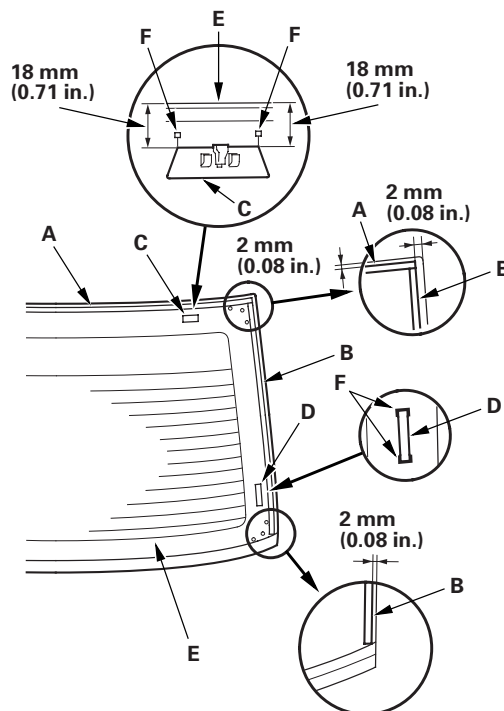
13. Attach the upper rubber dams (A), the side rubber dams (B), the clips (C), and the fasteners (D) with adhesive tape to the inside face of the rear window (E) as shown:

- First attach the upper rubber dam, then attach the side rubber dams around the edge of the rear window. Be sure the top of the side rubber dam contacts with the bottom of the upper rubber dam. If necessary, cut the rubber dam with a utility knife.
- Be sure the clips, and the fasteners line up with the alignment marks (F).
- Be careful not to touch the rear window where adhesive will be applied.

Rubber dams adhesive tape:
Thickness 0.16 mm (0.006 in.)
Width 5 mm (0.2 in.)

Clips adhesive tape:
Thickness 0.4 mm (0.016 in.)
Width 13 mm (0.53 in.)

Fasteners adhesive tape:
Thickness 0.8 mm (0.03 in.)
Width 7 mm (0.28 in.)



(cont'd)

Glass

Rear Window Replacement (cont'd)

14. Attach the fasteners with adhesive tape to the rear window opening flange of the body on both sides.

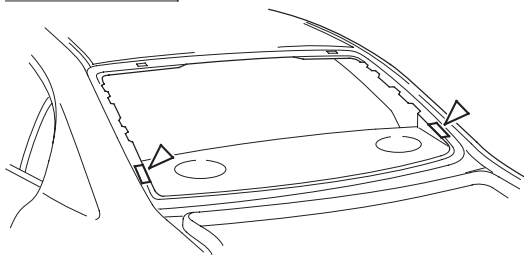
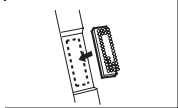
Fasteners adhesive tape:

Thickness 0.8 mm (0.031 in.)

Width 9 mm (0.35 in.)

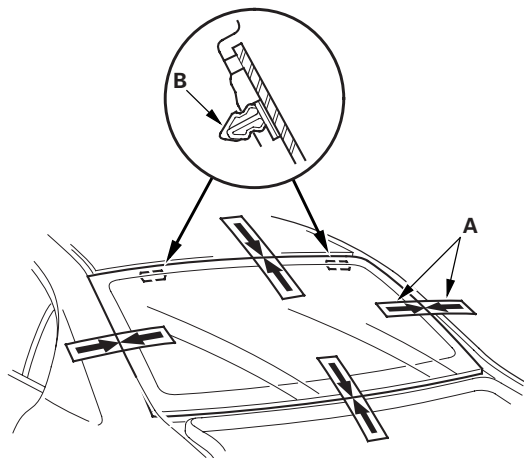
Fastener Locations

▷ : Fastener, 2



15. Set the rear window in the opening, and center it. Make alignment marks (A) across the rear window and the body with a grease pencil at the four points are shown:

- Make sure both upper clips (B) are in the body holes.
- Be careful not to touch the rear window where adhesive will be applied.

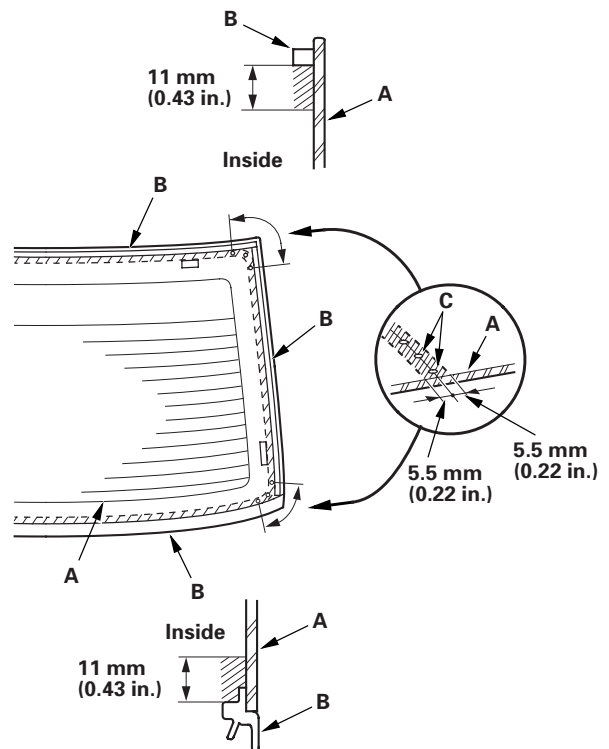


16. Remove the rear window.

17. Apply a light coat of glass primer with a sponge applicator along the edge of the rear window (A) between the dams (B) as shown, then lightly wipe it off with gauze or cheesecloth:

- With the printed dots (C) on the rear window as a guide, apply the glass primer to both lower corner portions of the rear window.
- Do not apply body primer to the rear window, and do not get body and glass primer sponge applicators mixed up.
- Never touch the primed surfaces with your hands. If you do, the adhesive may not bond to the rear window properly, causing a leak after the rear window is installed.
- Keep water, dust, and abrasive materials away from primed surfaces.

//// : Apply glass primer here.

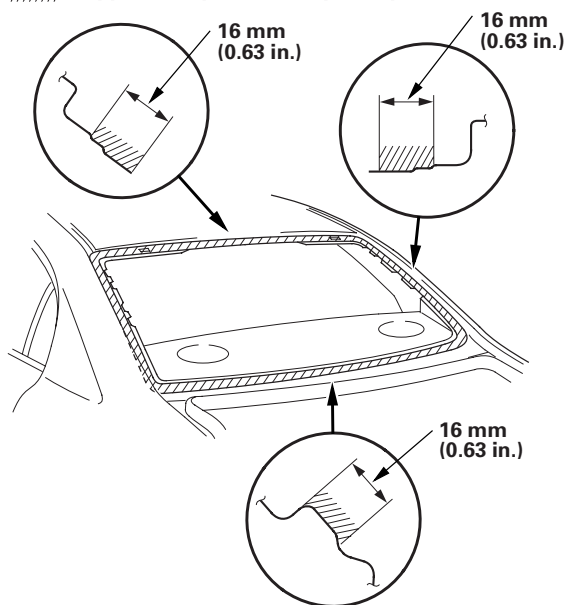




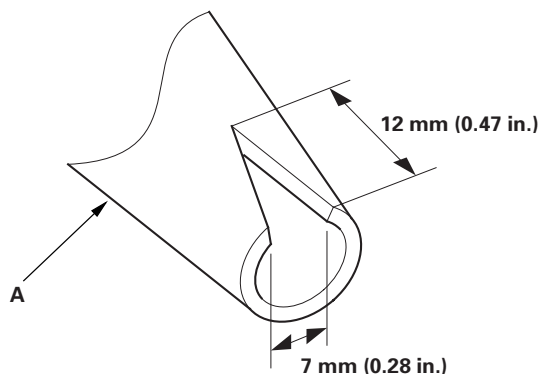
18. Carefully apply a light coat of body primer with a sponge to any exposed paint or metal around the flange where new adhesive will be applied. Let the primer dry for at least 10 minutes:

- Do not apply body primer to any remaining original adhesive on the flange.
- Be careful not to mix up the body and glass primer sponge applicators.
- Never touch the primed surfaces with your hands.

//// : Apply body primer to exposed point as shown.

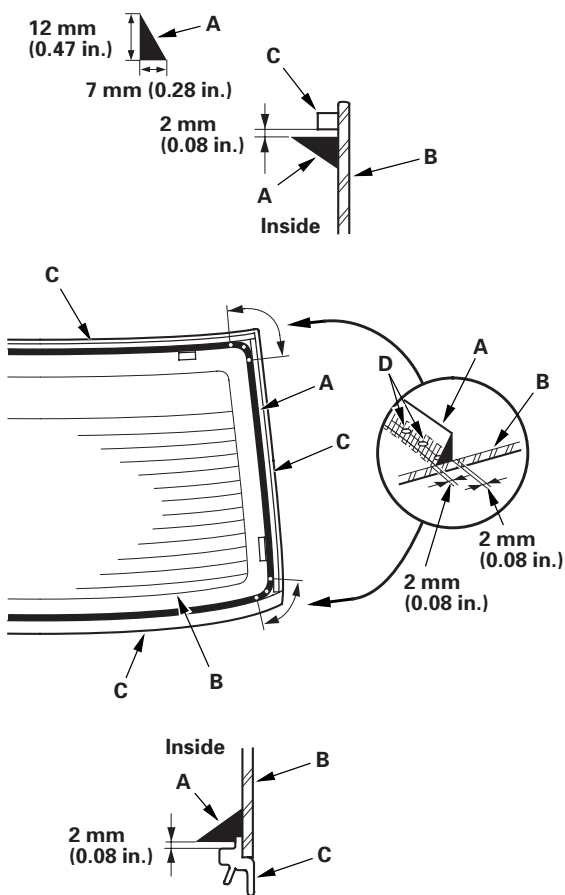


19. Cut a "V" in the end of the nozzle (A) on the adhesive cartridge as shown.



20. Put the cartridge in a caulking gun, and run a continuous bead of adhesive (A) around the edge of the rear window (B) between the dams (C) as shown:

- With the printed dots (D) on the rear window as a guide, apply the adhesive to both side portions of the rear window.
- Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.



(cont'd)

Rear Window Replacement (cont'd)

21. Hold the rear window with suction cups over the opening, align it with the alignment marks you made in step 15, and set it down on the adhesive. Lightly push on the rear window until its edges are fully seated on the adhesive all the way around.

NOTE: Do not open or close any of the doors for about an hour until the adhesive is dry.

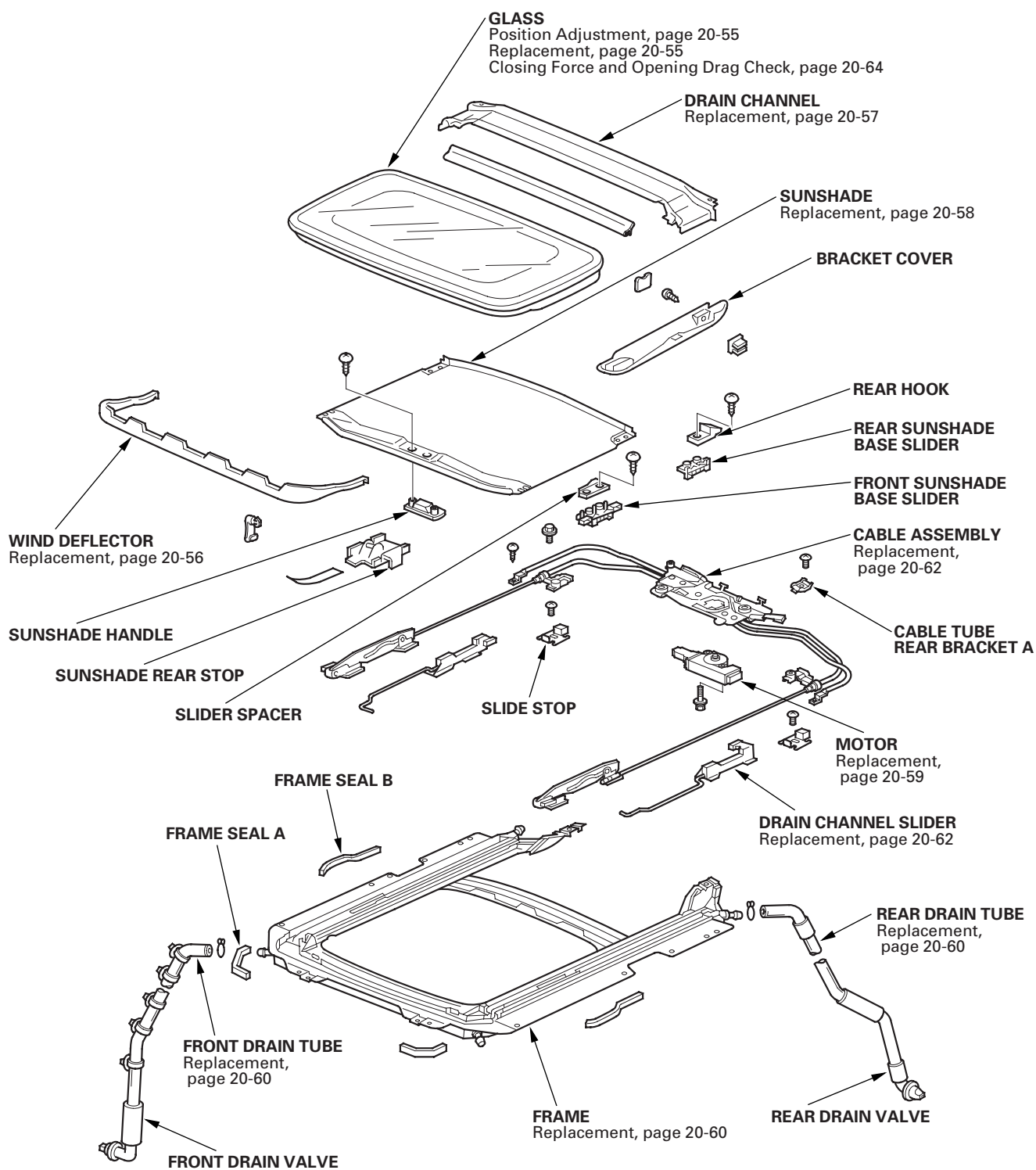
22. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the rear window, use a soft shop towel dampened with isopropyl alcohol.
23. After the adhesive has dried, spray water over the rear window and check for leaks. Mark the leaking area, let the rear window dry, then seal with sealant. Let the vehicle stand for at least 4 hours after rear window installation. If the vehicle has to be used within the first 4 hours, it must be driven slowly.
24. Reinstall all remaining removed parts.

NOTE: 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).



Component Location Index



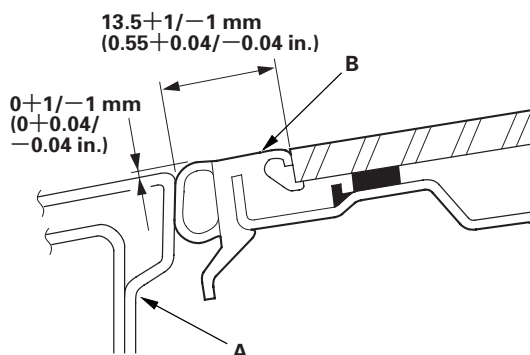
Symptom Troubleshooting Index

Symptom	Diagnostic procedure
Water leaks from moonroof	1. Check for a clogged drain tube. 2. Check for a gap between the glass weatherstrip and the roof panel (see page 20-55). 3. Check for a defective or an improperly installed glass weatherstrip or drain channel. 4. Check for a gap between the drain seal and the roof panel. 5. Adjust the moonroof position.
Wind noise from moonroof	1. Check for excessive clearance between the glass weatherstrip and the roof panel. 2. Adjust the moonroof position.
Motor noise from moonroof	1. Check for a loose motor. 2. Check for a worn gear or bearing. 3. Check for a deformed cable assembly.
Moonroof glass does not move, but motor turns	1. Check for a defective gear or inner cable. 2. Check for foreign matter stuck between the guide rail and the slider. 3. Check for a loose inner cable. 4. Make sure the cable assembly is attached properly.
Moonroof glass does not move and motor does not turn (glass can be moved with 5 mm hexagonal wrench)	1. Check for a blown fuse. 2. Check for a faulty moonroof switch. 3. Check for a run down battery. 4. Check for a defective motor control unit.
Moonroof glass does not stop at proper flush closed position	1. Reset the moonroof control unit (see page 22-287). 2. Check glass position adjustment.
During auto close operation, moonroof glass reverses when no object is trapped	Check for dirt and debris in the track. Reset the moonroof control unit (see page 22-287).
Moonroof glass moves, but there is no AUTO function	Reset the moonroof control unit (see page 22-287).



Glass Position Adjustment

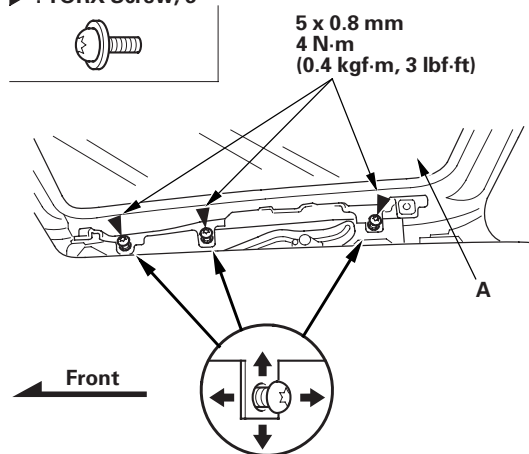
The roof panel (A) should be even with the glass weatherstrip (B), to within $0+1/-1$ mm ($0+0.04/-0.04$ in.) all the way around, and the distance from glass edge to the roof panel edge should be $13.5+1/-1$ mm ($0.55+0.04/-0.04$ in.). If not, make the following adjustment:



1. Remove the bracket cover.
2. Adjust the glass (A).
 - 1 Slightly loosen the screws with a TORX T25 bit.
 - 2 Move the glass up or down and forward or rearward.
 - 3 Tighten all screws securely.

Fastener Locations

► : TORX Screw, 6



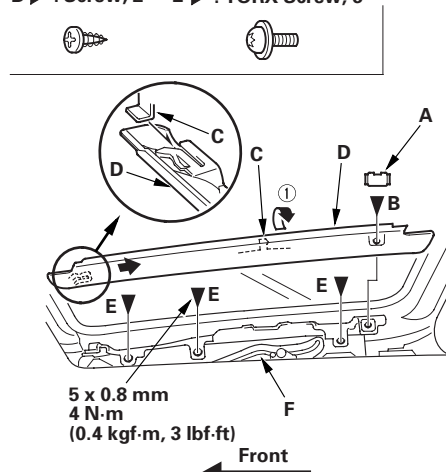
3. If necessary, repeat on the opposite side.

Glass Replacement

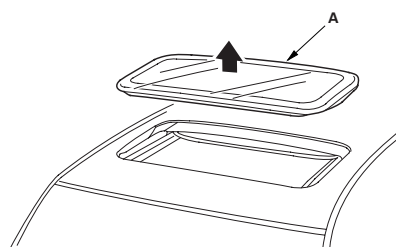
1. Close the glass fully.
2. Slide the sunshade all the way back.
3. Pry out the lid (A), remove the screws (B), and release the hooks (C), then remove both bracket covers (D). Remove the screws (E) with a TORX T25 bit from both glass brackets (F).

Fastener Locations

B ► : Screw, 2 E ► : TORX Screw, 6



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



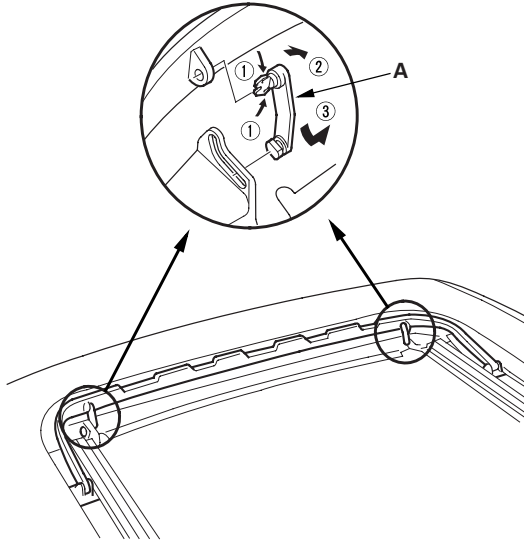
5. Install the glass in the reverse order of the removal, and adjust the glass position alignment (see page 20-55).
6. Reset the moonroof control unit (see page 22-287).
7. Check for water leaks. Use free-flowing water from a hose without a nozzle. Do not use high-pressure water.

NOTE: It is normal for some water to seep past the moonroof into the moonroof frame, and exit through the drains.

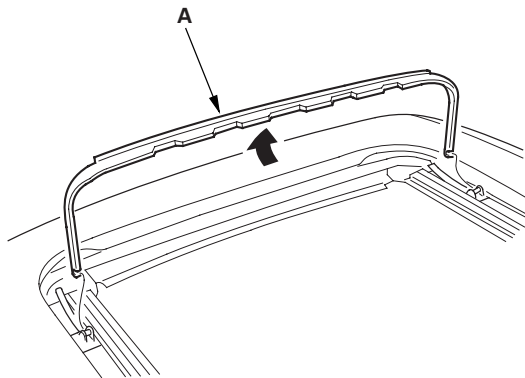
Moonroof

Wind Deflector Replacement

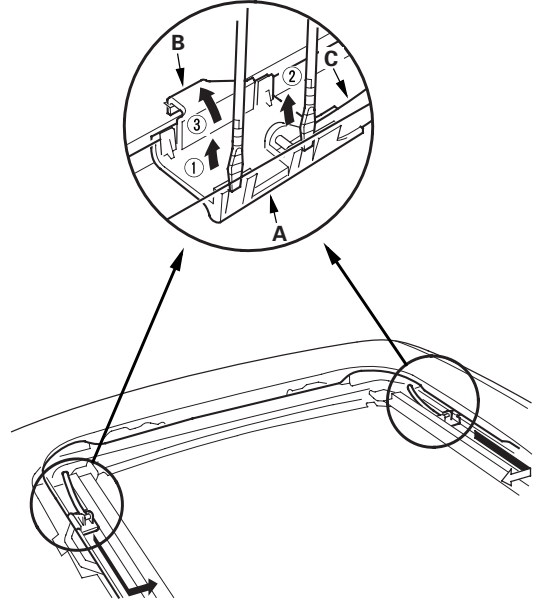
1. Open the glass fully.
2. Remove the links (A) from both sides.



3. Remove the wind deflector (A).



4. Pry up on the deflector bases (A) and release the hooks (B), then remove the bases with springs (C) from both sides.

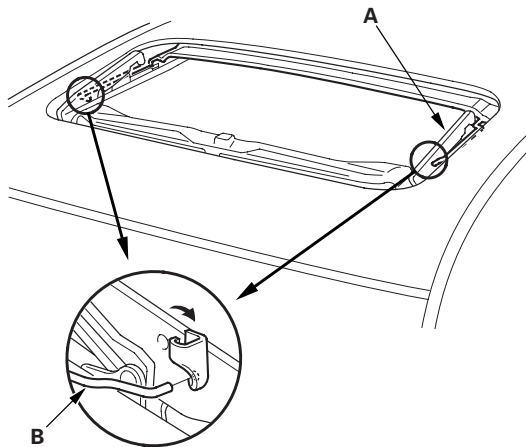


5. Install the deflector in the reverse order of removal.
6. Reset the moonroof control unit (see page 22-287).

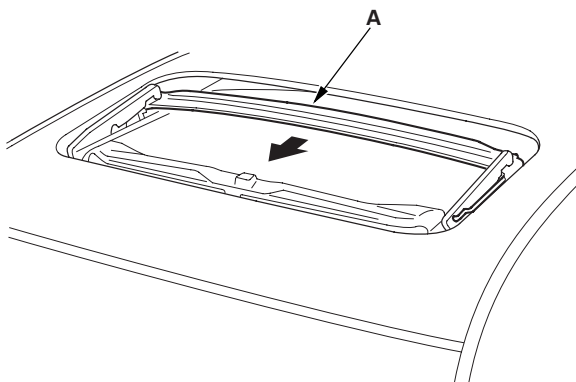


Drain Channel Replacement

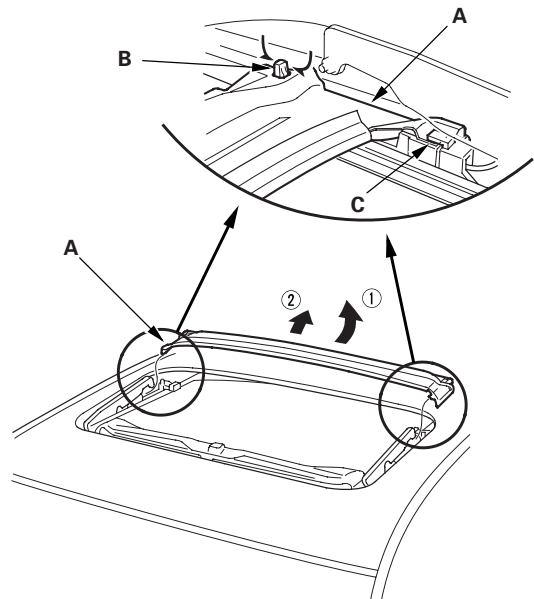
1. Remove the glass (see page 20-55).
2. Move both glass brackets (A) with a 5 mm hexagonal wrench to the position where the moonroof normally tilts up, and disconnect the drain channel rods (B) on both sides.



3. Slide the drain channel (A) forward.



4. Pull up the rear edge of the drain channel (A) while pushing both clips (B), and release the channel from both hooks (C) of the drain channel slider by pulling it rearward.



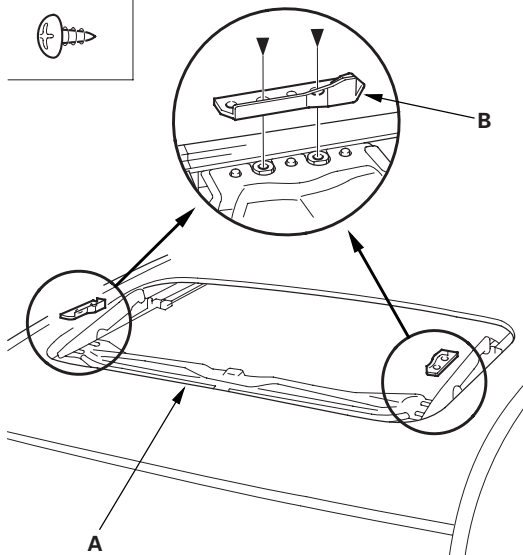
5. Remove the drain channel.
6. Install the channel in the reverse order of removal, and note these items:
 - Push the clip portions into place securely.
 - Check the glass position adjustment (see page 20-55).
7. Check for water leaks. Let the water run freely from a hose without a nozzle. Do not use a high-pressure spray.

Sunshade Replacement

1. Remove the drain channel (see page 20-57).
2. Slide the sunshade (A) until you can see both sunshade slider spacers (B).

Fastener Locations

► : Screw, 4

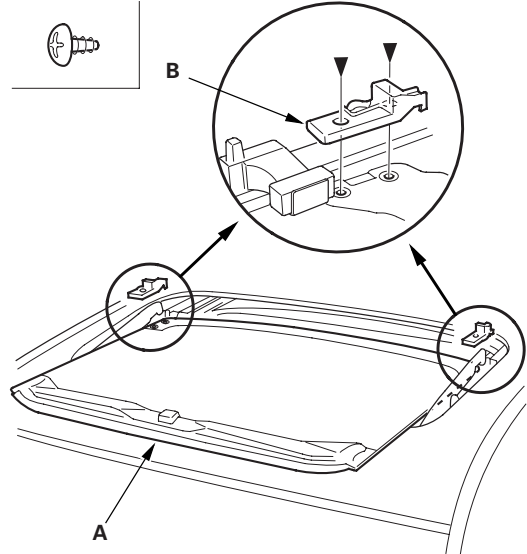


3. Remove the screws, then remove both spacers.

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 or the hooks.

Fastener Locations

► : Screw, 4

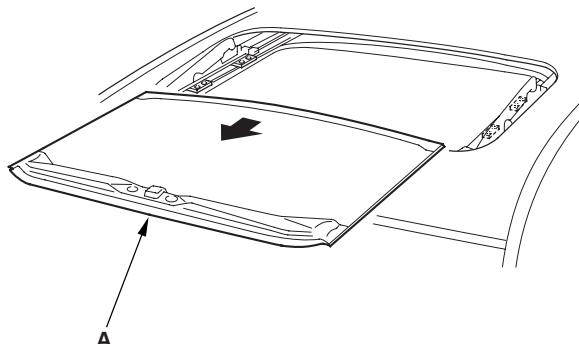


5. Remove the screws, then remove both rear hooks.

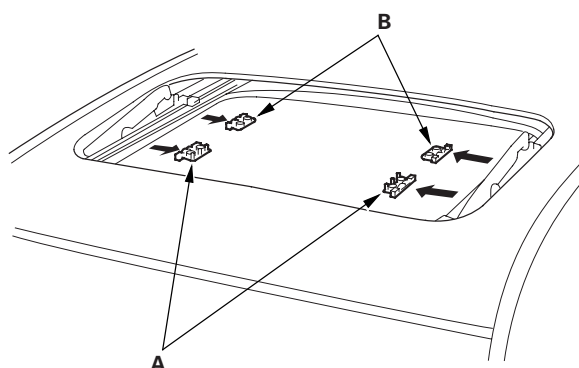


Motor Replacement

6. Remove the sunshade (A).



7. Remove both front sunshade base sliders (A) and both rear sunshade base sliders (B).



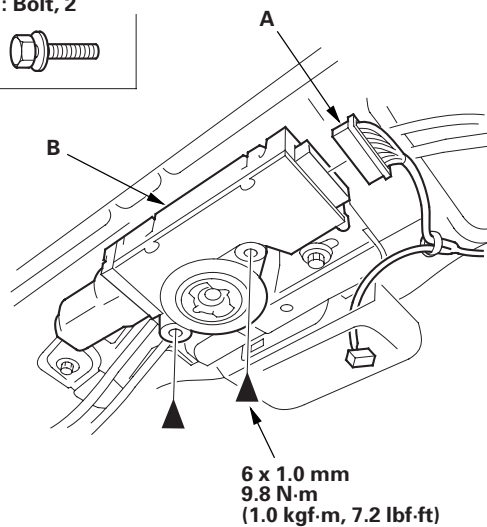
8. Install the sunshade in the reverse order of removal, and check the glass position adjustment (see page 20-55).
9. Check for water leaks. Let the water run freely from a hose without a nozzle. Do not use a high-pressure spray.

1. Remove the headliner (see page 20-84).

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



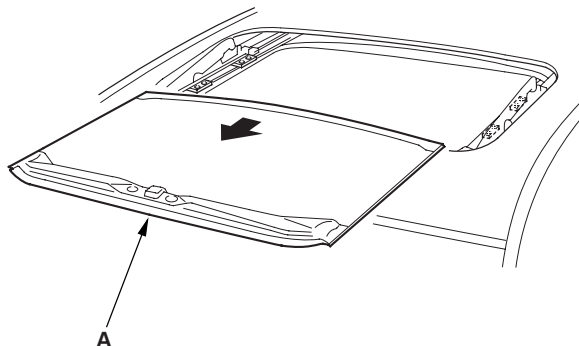
3. Install the motor in the reverse order of removal, and note these items:

- Make sure the connector is plugged in properly.
- Reset the moonroof control unit (see page 22-287).
- Check the motor operation.

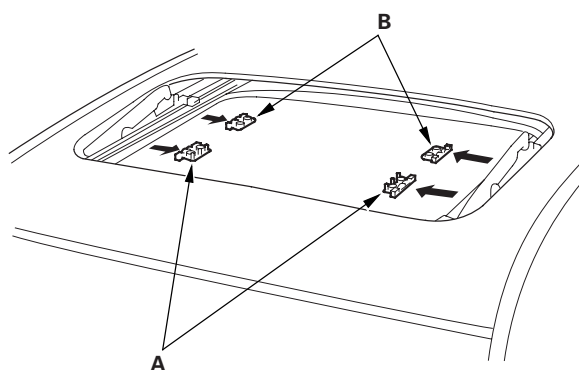


Motor Replacement

6. Remove the sunshade (A).



7. Remove both front sunshade base sliders (A) and both rear sunshade base sliders (B).



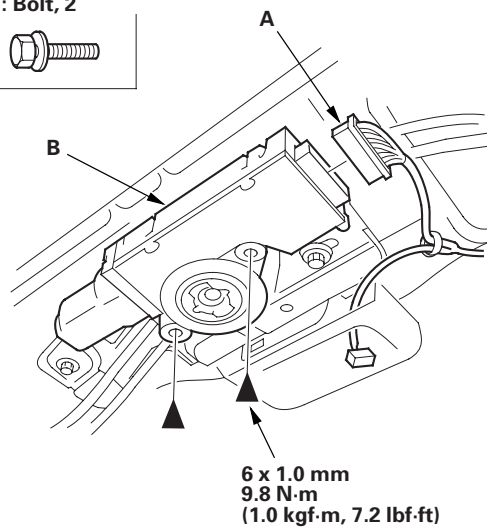
8. Install the sunshade in the reverse order of removal, and check the glass position adjustment (see page 20-55).
9. Check for water leaks. Let the water run freely from a hose without a nozzle. Do not use a high-pressure spray.

1. Remove the headliner (see page 20-84).

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.
- Reset the moonroof control unit (see page 22-287).
- Check the motor operation.

Moonroof

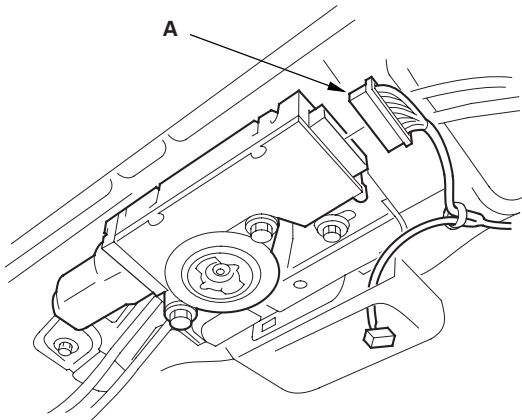
Frame and Drain Tube Replacement

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

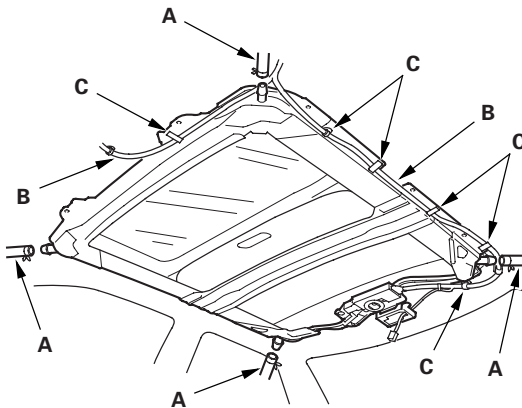
1. Remove these items:

- Headliner (see page 20-84)
- Moonroof glass (see page 20-55)

2. Put on gloves to protect your hands. Disconnect the motor connector (A).



3. Disconnect the drain tubes (A).

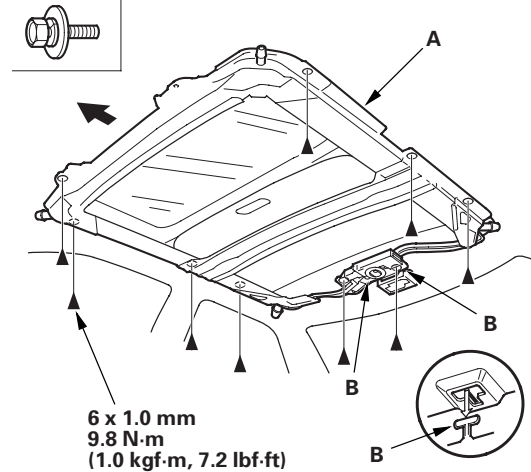


4. Remove the roof wire harness (B) by detaching the harness clips (C).

5. With an assistant holding the frame (A), remove the bolts, starting at the rear, and release the rear hooks (B) by moving the frame forward.

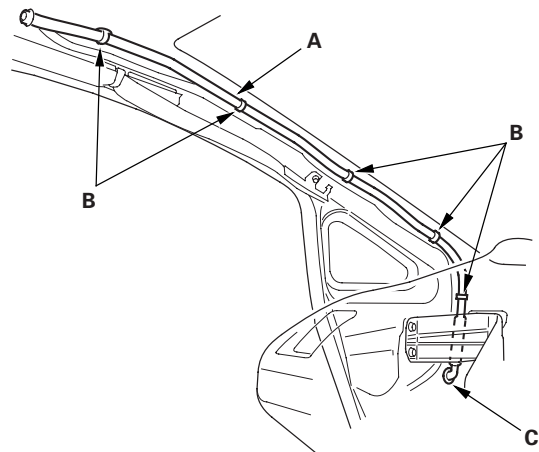
Fastener Locations

► : Bolt, 9



6. With the help of an assistant, carefully remove the frame through the front door opening. Take care not to scratch the interior trim or the body, or tear the seat covers.

7. To remove a front drain tube (A) from the body, remove the kick panel, left or right (see page 20-66), and the driver's dashboard undercover (see page 20-103) or the passenger's dashboard undercover (see page 20-104). Detach the clips (B) and remove the drain valve (C) from the body hole, then remove the front drain tube.

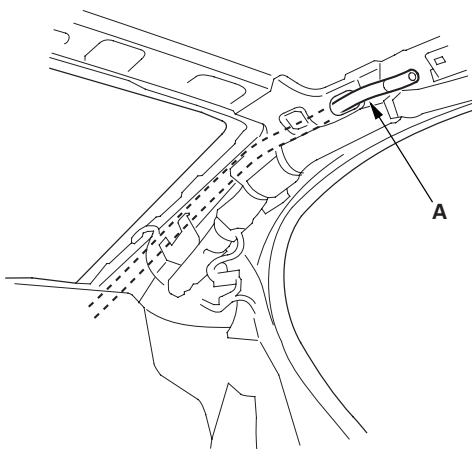
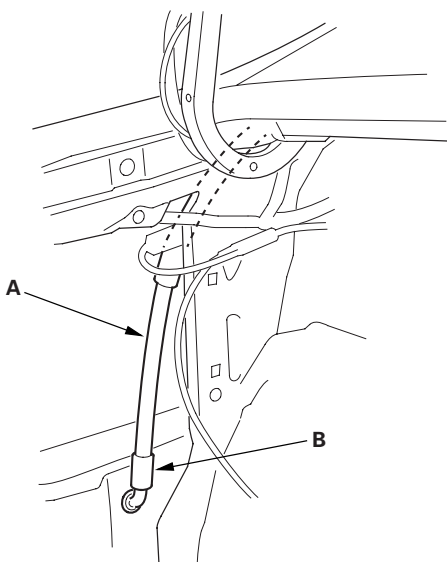




8. To remove a rear drain tube (A) from the body, remove these parts:

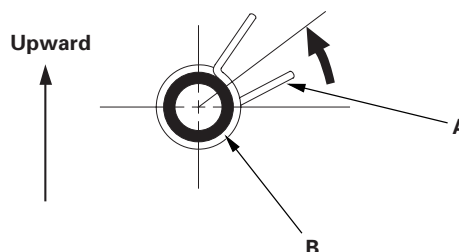
- Spare tire lid (see step 2 on page 20-80)
- Trunk rear trim panel (see step 4 on page 20-80)
- Trunk side trim panel (see step 6 on page 20-81)

Remove the drain valve (B) from the body hole. Tie a string to the top end of the rear drain tube, then pull back the trunk side trim panel and pull the drain tube down out of the pillar.



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

- Before installing the frame, clear the drain tubes and the drain valves using compressed air.
- When installing, tie the string left in the body during drain tube removal to the top end of the new drain tube and pull it up into the roof.
- 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 connectors are plugged in properly.
- When connecting the drain tubes, slide it over the frame nozzles at least 10 mm (0.39 in.).
- Adjust the tube clips (A) on the drain tubes (B) up or down so as not to interfere other interior pieces or body.



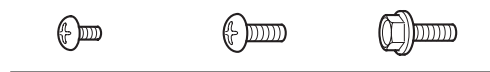
10. Check for water leaks. Let the water run freely from a hose without a nozzle. Do not use a high-pressure spray.

Drain Channel Slider and Cable Assembly Replacement

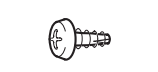
1. Remove the frame (see page 20-60).
2. Remove these parts from the frame:
 - Sunshade (see page 20-58)
 - Moonroof motor (see page 20-59)
3. Put on gloves to protect your hands. Remove the screws (A, B) securing the slide stops (C), and the cable tube rear brackets A (D), the cable tube side bracket mounting bolts (E) and the cable tube mounting screws (F) from both sides of the frame (G).

Fastener Locations

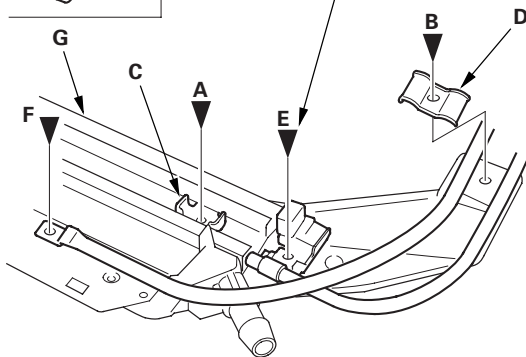
A ► : Screw, 2 B ► : Screw, 2 E ► : Bolt, 2



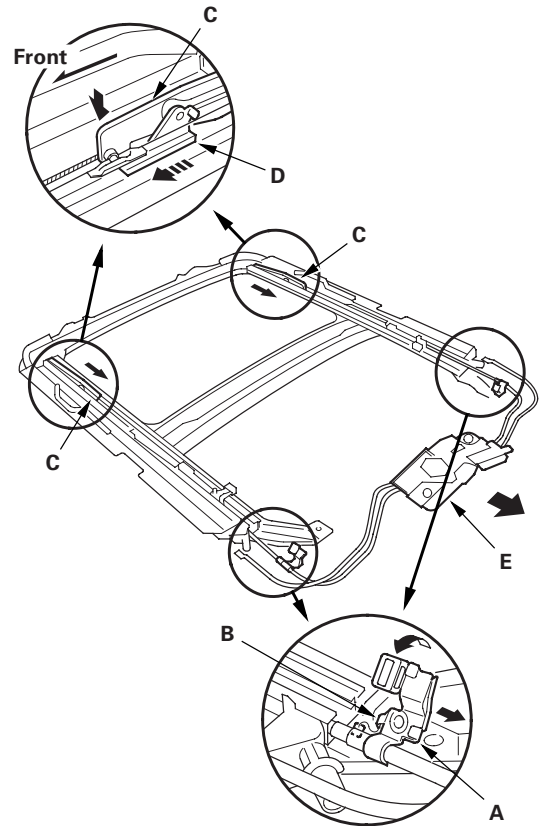
F ► : Screw, 2



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



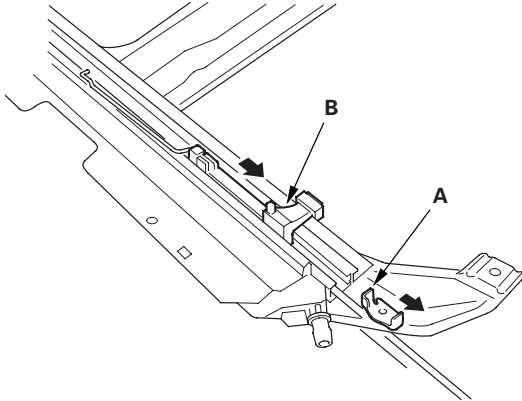
4. Turn both cable tube side brackets (A) up to release the hooks (B) from the holes in both sides of the frame.



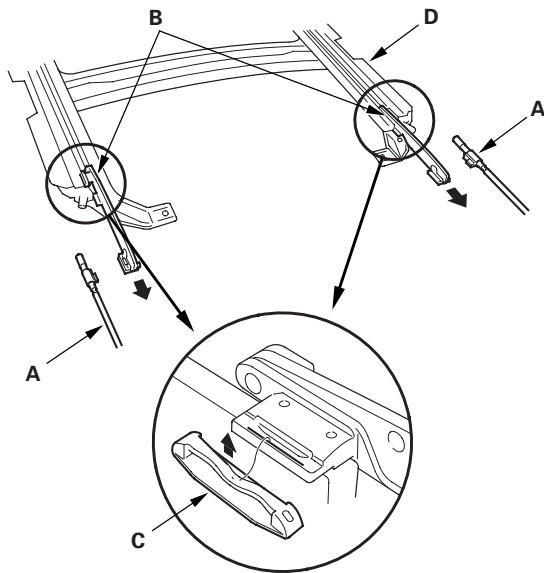
5. Pivot the glass brackets (C) down by sliding the link lifters (D) back, then slide both glass brackets back with the link lifters.
6. Slide the cable assembly (E) half-way back.



7. Remove the slide stops (A) and the drain channel sliders (B) from both sides.

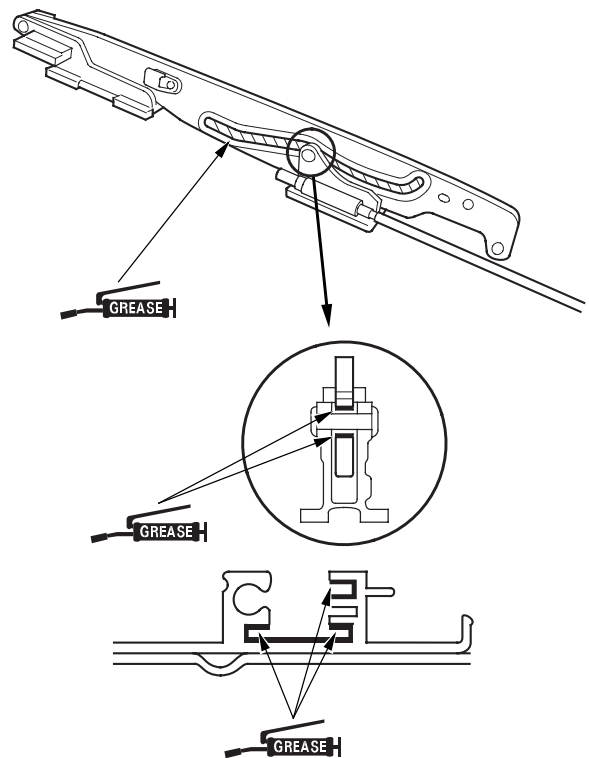


8. Slide the cable assembly (A) and both glass brackets (B) back, remove the deflector sliders (C) from both glass brackets, then remove them from the frame (D).



9. Install the slider and the 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 the 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 the glass, then check the opening drag (see page 20-64).
- After reinstalling the motor, do the moonroof calibration (see page 22-287).



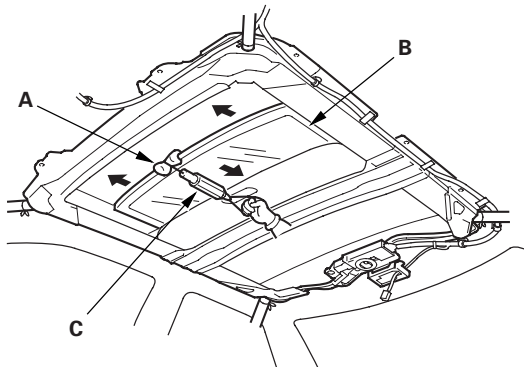
Closing Force and Opening Drag Check

1. Remove the headliner (see page 20-84).

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.

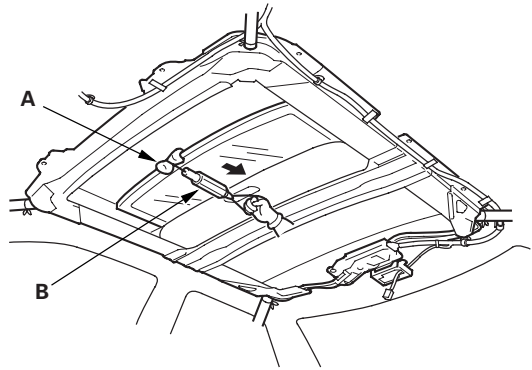
Closing force: 200—290 N (20—30 kgf, 44—66 lbf)



3. If the force is not within specification, remove the moonroof motor (see page 20-59), and check the following items:

- 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 20-60), and replace the cable (see page 20-62).
- Check the moonroof motor (see page 22-290). If the motor fails to run or doesn't turn smoothly, replace it.
- Check 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.

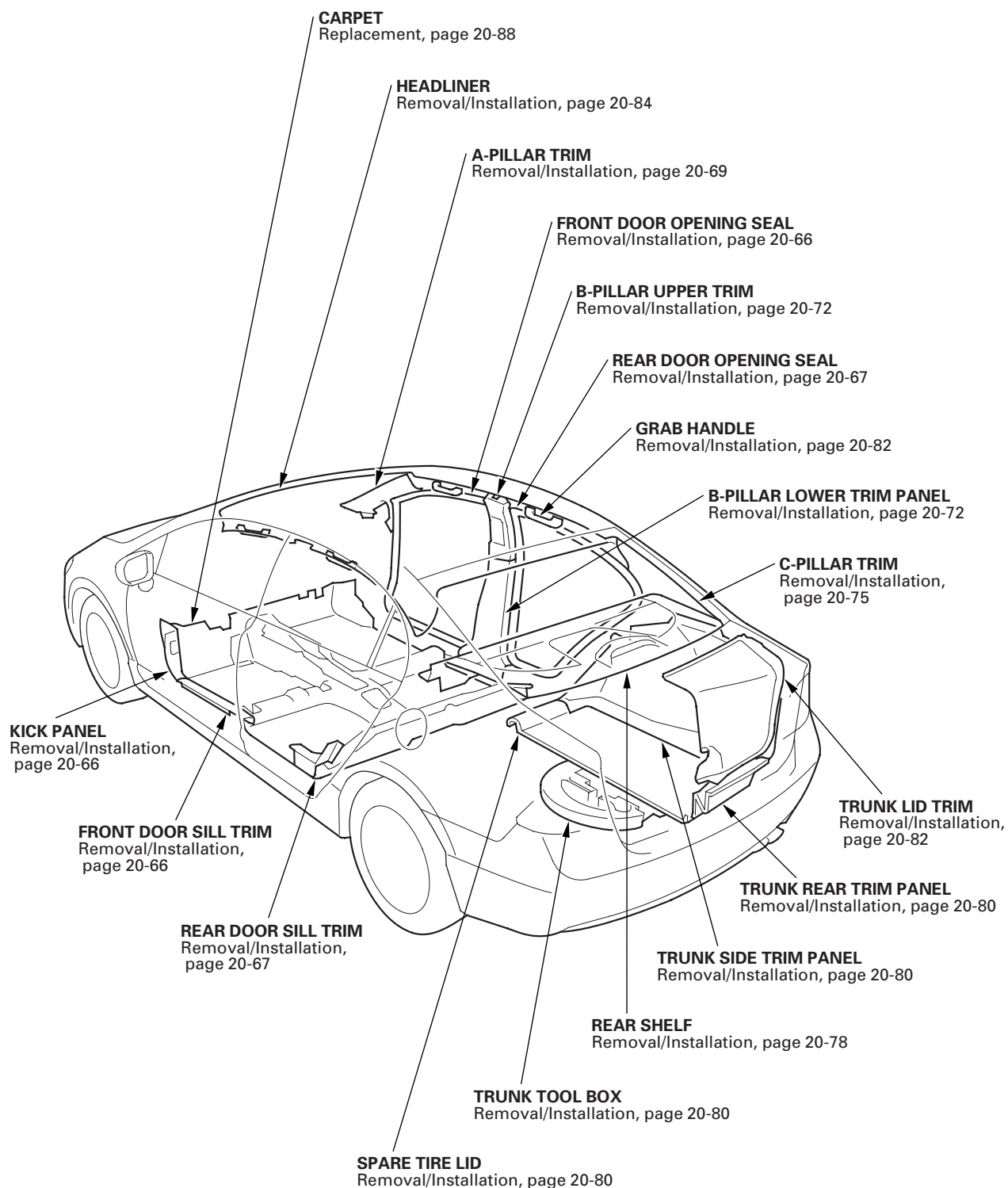


5. If the load is over 40 N (4 kgf, 9 lbf), check:

- The side clearance and glass position adjustment (see page 20-55).
- For broken or damaged sliding parts. If any sliding parts are damaged, replace them.



Component Location Index



Interior Trim

Trim Removal/Installation - Door Areas

Special Tools Required

KTC trim tool set 07AAC-SEPA240

Front Door Sill Area

NOTE:

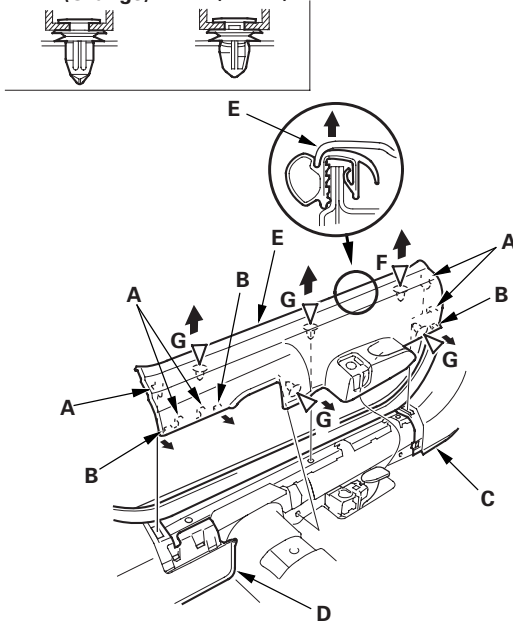
- Put on gloves to protect your hands.
- Take care not to bend or scratch the trim and panels.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Driver's side: Remove the footrest (see step 3 on page 20-89).
2. Driver's side: Remove the front side cap from the front door sill trim, and remove the trunk lid/fuel fill door opener lock cylinder and the screw (see page 20-184).
3. Detach the hooks (A) and the tabs (B) from the kick panel (C) and the B-pillar lower trim (D), and pull the front door sill trim (E) up by hand to detach the clips (F, G), then remove it.

Driver's side

Fastener Locations

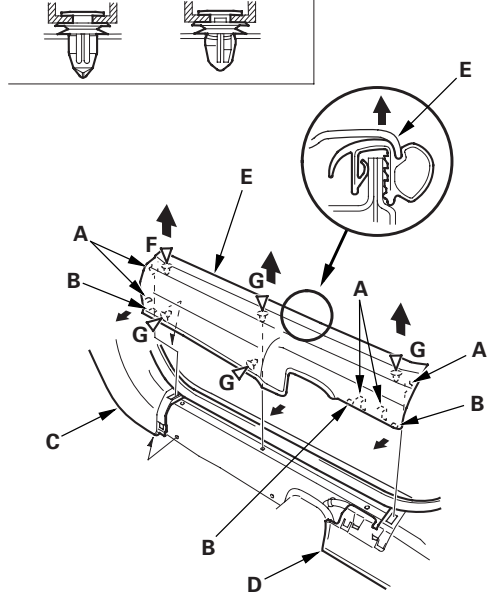
F ▷ : Clip, 1 (Orange) G ▷ : Clip, 4 (White)



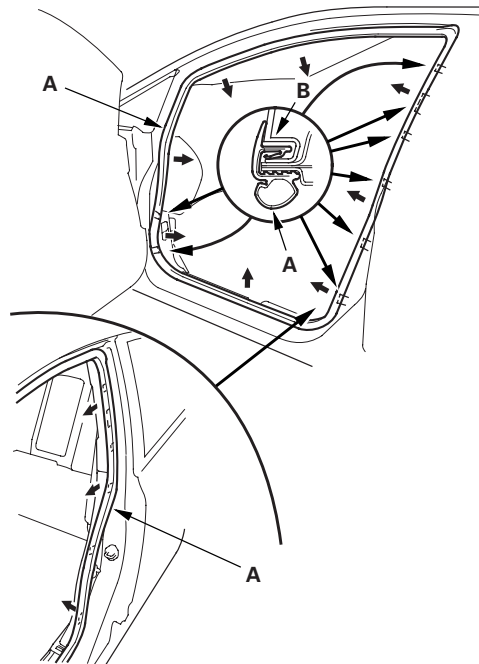
Passenger's side

Fastener Locations

F ▷ : Clip, 1 (Orange) G ▷ : Clip, 4 (White)



4. Pull out the front door opening seal (A) from the trim hooks (B) and around the front door opening flange, then remove the seal.



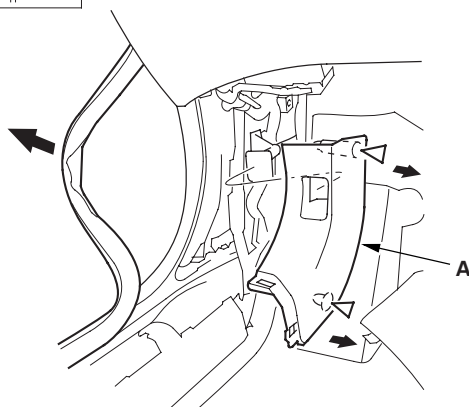


5. Pull the driver's kick panel (A) or the passenger's kick panel (B) back by hand to detach the clips, then remove it.

Driver's side

Fastener Locations

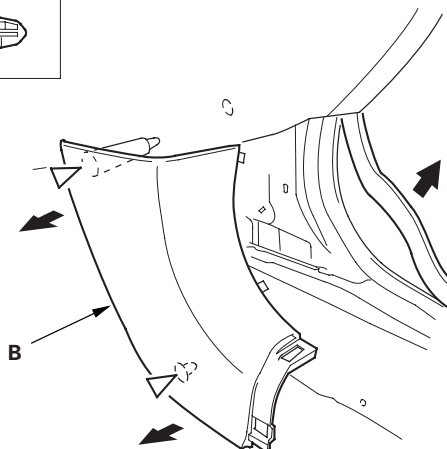
▷ : Clip, 2



Passenger's side

Fastener Locations

▷ : Clip, 2



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.

Special Tools Required

KTC trim tool set 07AAC-SEPA240

Rear Door Sill Area

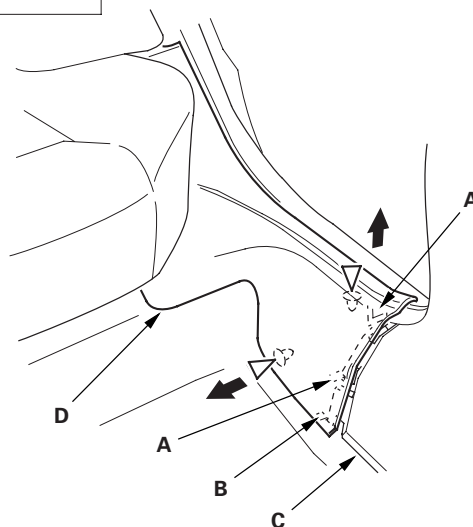
NOTE:

- Put on gloves to protect your hands.
- Take care not to bend or scratch the trim and panels.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Detach the hooks (A) and the tab (B) from the B-pillar lower trim (C), and pull the rear door sill trim (D) up by hand to detach the clips, then remove it.

Fastener Locations

▷ : Clip, 2
(White)



(cont'd)

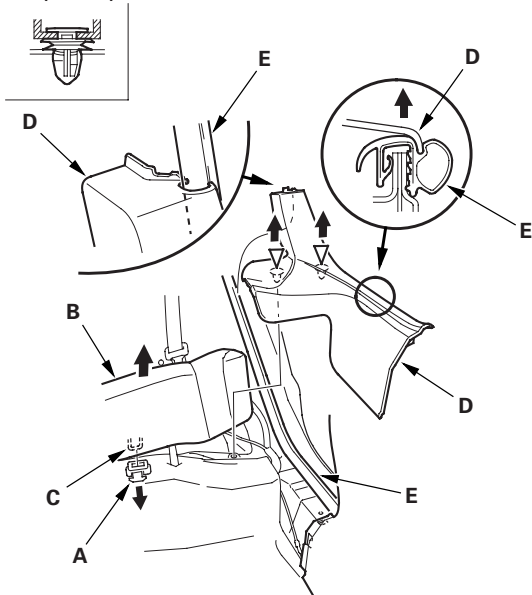
Interior Trim

Trim Removal/Installation - Door Areas (cont'd)

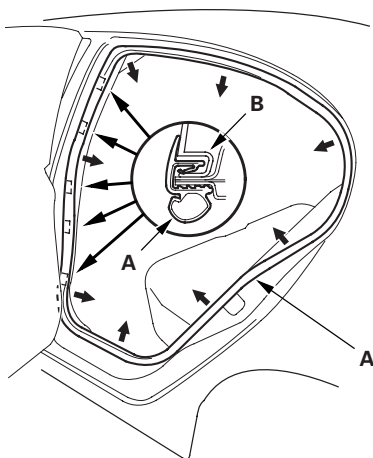
2. Pull the seat hook knob (A) while pushing down on the rear seat cushion (B) to release the hook (C). While pulling the cushion up, detach the clips and remove the rear door sill trim (D) from the rear door opening seal (E).

Fastener Locations

▷ : Clip, 2 (White)



3. Pull out the rear door opening seal (A) from the trim hooks (B) and around the rear door opening flange, then remove the seal.



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.



Trim Removal/Installation - Pillar Areas

Special Tools Required

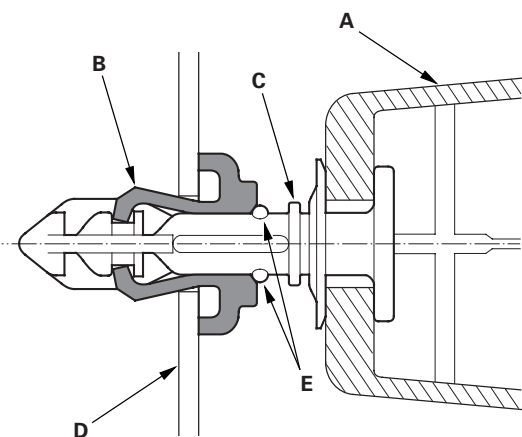
KTC trim tool set 07AAC-SEPA240

A-Pillar Trim

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

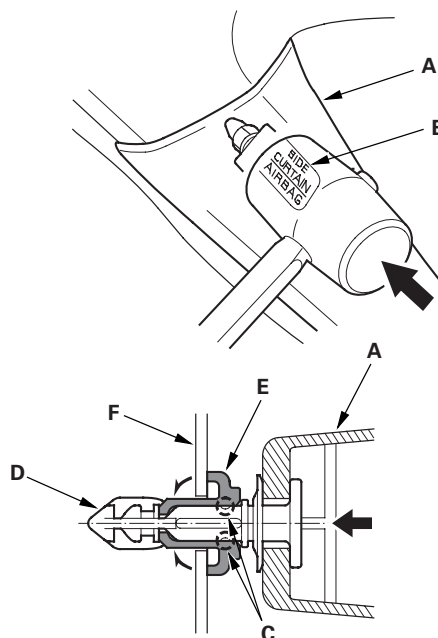
NOTE:

- Follow the A-pillar trim installation procedure carefully; improper installation could cause the side curtain airbag to deploy improperly and possibly cause injury.
- Put on gloves to protect your hands.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to scratch the trim and panels.
- The upper clip in the A-pillar trim (A) consists of a grommet (B) and a pin (C). The grommet expanded with the pin secures it to the body panel (D). The projections (E) on the pin are broken during removal, so the clip must be replaced with a new one when the trim is reinstalled.



1. Pull the door opening seal away from the A-pillar as needed (see step 4 on page 20-66).
2. Hit the upper clip in the A-pillar trim (A) with a rubber mallet. The clip is under the "SIDE CURTAIN AIRBAG" mark (B). Hitting the clip breaks the projections (C) on the pin (D) and pushes it into the grommet (E) on the body (F).

NOTE: The upper clip must be replaced with a new one when the A-pillar trim is reinstalled.

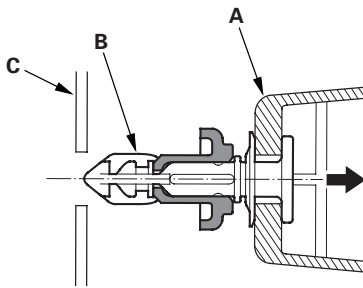
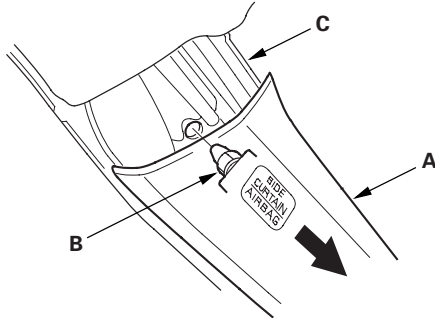


(cont'd)

Interior Trim

Trim Removal/Installation - Pillar Areas (cont'd)

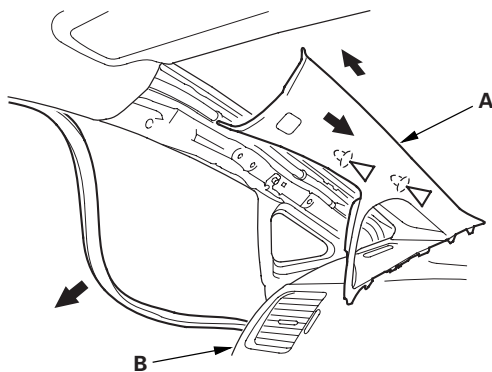
3. Pull the front of the A-pillar trim (A) back by hand to remove the upper clip (B) from the body (C).



4. Pull the A-pillar trim (A) by hand to detach the clips. Pull the trim up from the dashboard (B), then remove it.

Fastener Locations

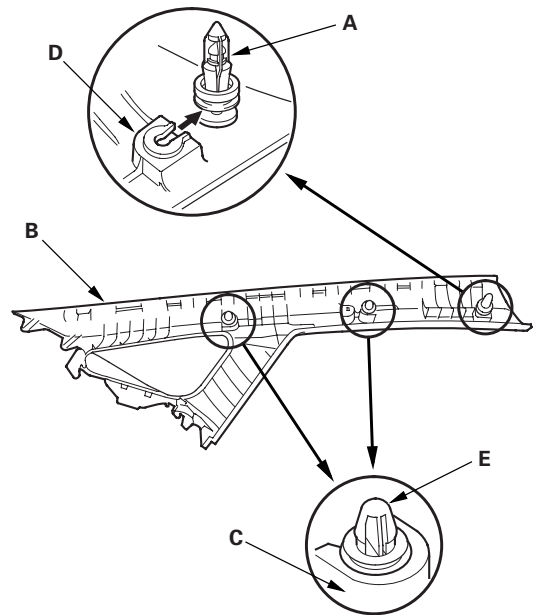
▷ : Clip, 2 (Black)



5. If the side curtain airbag has deployed, replace the A-pillar trim and all clips on the trim with new ones (see page 24-185).

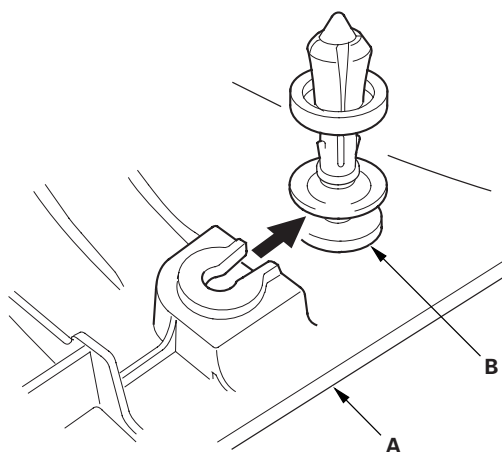
6. If the side curtain airbag has not deployed, remove the upper clip (A) from the removed A-pillar trim (B) and discard it. Then check the trim:

- To prevent the side curtain airbags from deploying improperly and possibly causing injury, inspect the A-pillar trim and replace it if it has any of the following damage:
 - Any cracks, deformations, or stress-whitening in the A-pillar trim
 - Any cracks or stress-whitening in the clip seating surfaces (C, D)
- If the clips (E) are damaged or stress-whitened, replace them with new ones.
- Replace the upper clip with a new one.



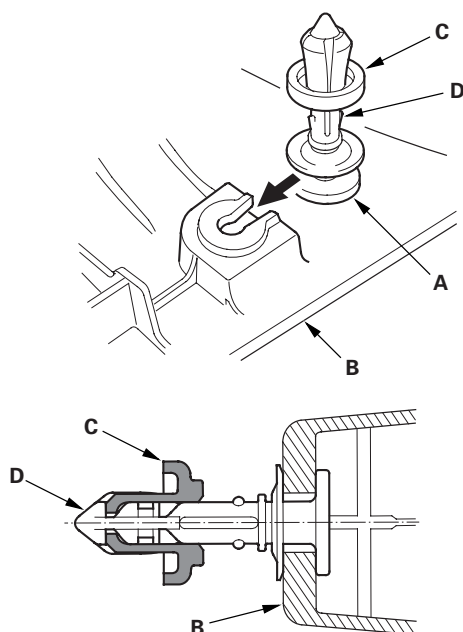


7. Before installing the A-pillar trim (A), whether it is being replaced or reinstalled, temporarily remove the new upper clip (B).



8. Check the overlap between the headliner and A-pillar trim, and if necessary, adjust it (see page 24-185).

9. Carefully install a new upper clip (A) to the A-pillar trim (B). Be sure that the grommet (C) is nearest to the top of the pin (D) as shown.



10. Reinstall the A-pillar trim (A).

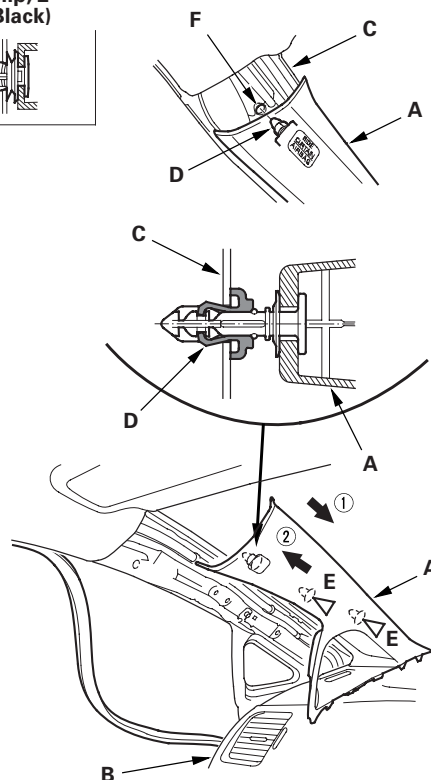
- 1 Insert the bottom of the trim into the dashboard (B).
- 2 Place the trim over the A-pillar (C), and fit its upper clip (D), and lower clips (E) into the holes (F) in the A-pillar, then lightly push the trim into place.

NOTE:

- Make sure the side curtain airbag is not tucked down under the clips and the ribs.
- Push lightly on the upper clip. If you push too hard, the clip will be damaged, and it will not hold the trim properly.

Fastener Locations

E ▷ : Clip, 2 (Black)



11. Reinstall the front door opening seal.

Interior Trim

Trim Removal/Installation - Pillar Areas (cont'd)

Special Tools Required

KTC trim tool set 07AAC-SEPA240

B-Pillar Upper/Lower Trim

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

- Put on gloves to protect your hands.
- Take care not to bend or scratch the trim and panels.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Remove these items:

- Front door sill trim (see page 20-66)
- Rear door sill trim (see page 20-67)
- Front door opening seal, as needed (see step 4 on page 20-66)
- Rear door opening seal, as needed (see step 3 on page 20-68)

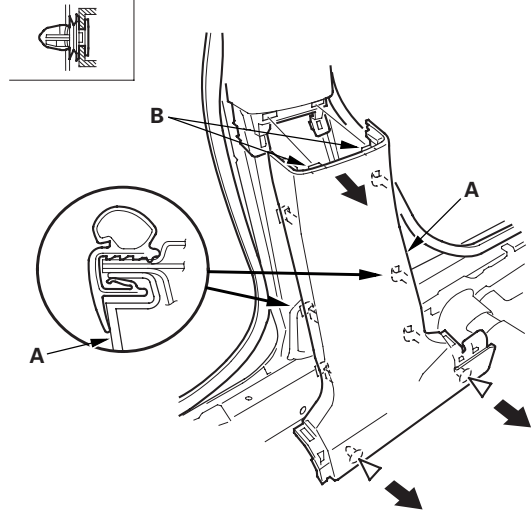
2. Slide the front seat fully forward.

3. Remove the B-pillar lower trim (A).

- 1 Pull the upper portion of the trim back to release the upper hooks (B).
- 2 Detach the lower clips by pulling the bottom of the trim back by hand.

Fastener Locations

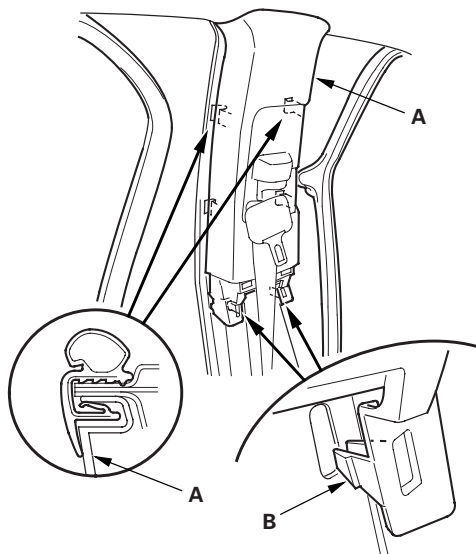
▷ : Clip, 2 (White)



4. Remove the front seat belt lower anchor (see page 24-4).



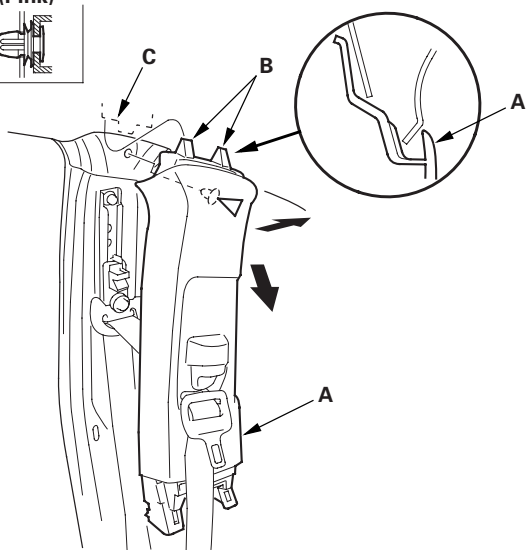
5. Pull the bottom of the B-pillar upper trim (A) back by hand to detach the lower hooks (B).



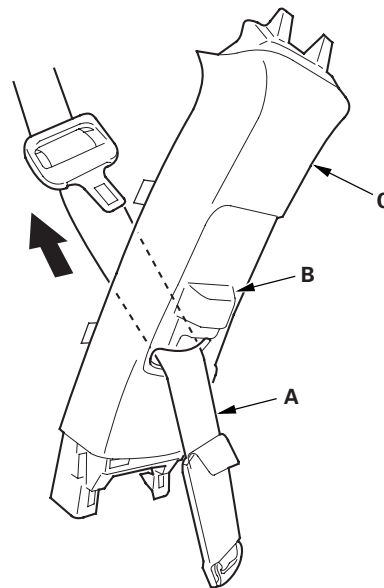
6. Detach the upper clip by pulling the top of the B-pillar upper trim (A). Pull the trim down to release the upper hooks (B) from the side curtain airbag B-pillar bracket (C).

Fastener Location

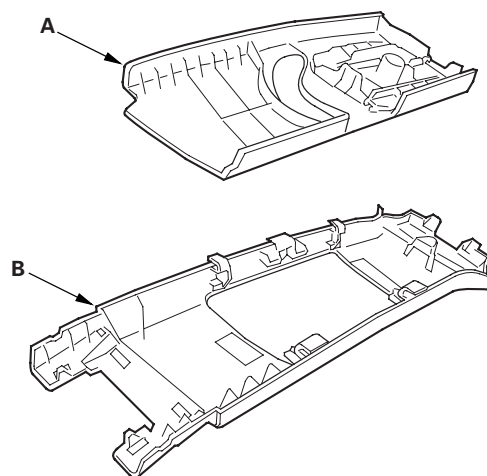
▷ : Clip, 1 (Pink)



7. Pass the front seat belt (A) lower anchor out through a hole in the slider (B), then remove the B-pillar upper trim (C).



8. Remove the slider (A) from the B-pillar upper trim (B).



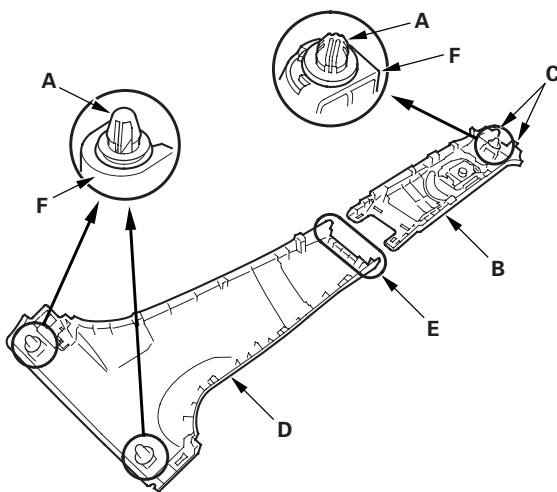
(cont'd)

Interior Trim

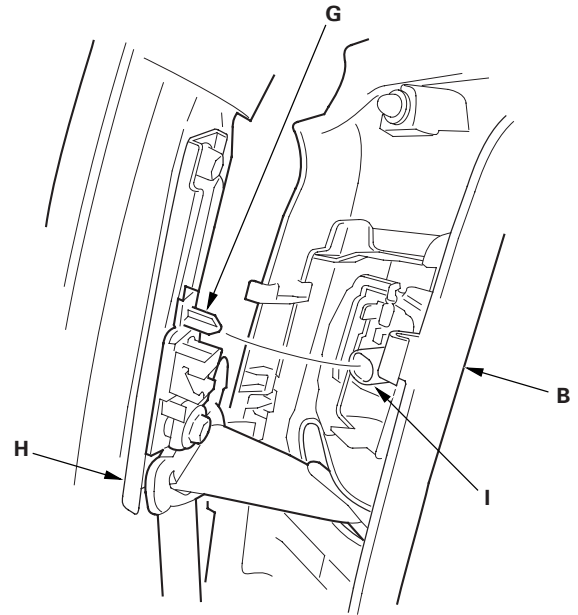
Trim Removal/Installation - Pillar Areas (cont'd)

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

- If the clips (A) are damaged or stress-whitened, replace them with new ones.
- If the side curtain airbag has deployed, replace the B-pillar upper and lower trim and all clips on the trim with new ones (see page 24-185).
- To prevent the side curtain airbags from deploying improperly and possibly causing injury, inspect the trim and replace it if it has any of the following damage:
 - Any cracks or deformations in the B-pillar upper trim (B) and the upper hooks (C), and any stress-whitening in the upper part of the trim
 - Any cracks or deformations in the B-pillar lower trim (D), and any breakages in the part (E) fitted with the B-pillar upper trim
 - Any cracks or stress-whitening in the clips seating surface (F)
- Replace any damaged parts with new ones.
- Make sure the top of the trim overlaps with the headliner correctly (see page 24-187).
- Make sure the pin (G) on the front seat belt shoulder anchor adjuster (H) and the hole (I) on the back of the slider are engaged when installing the B-pillar upper trim.
- Make sure the trim hook is installed into the side curtain airbag B-pillar bracket securely.
- Push the clips and the hooks into place securely.
- Before installing the anchor bolt, make sure there are no twists or kinks in the seat belt.



Slider engagement with shoulder anchor adjuster





Special Tools Required

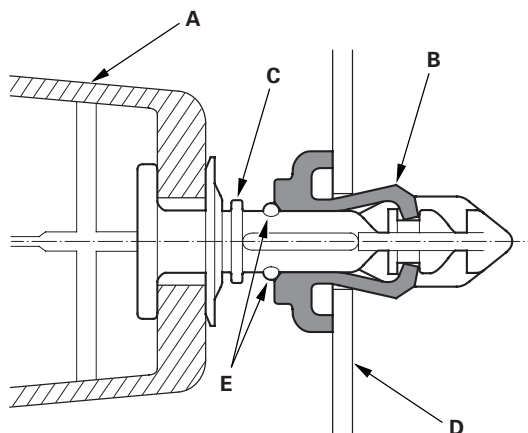
KTC trim tool set 07AAC-SEPA240

C-Pillar Trim

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

- Follow the C-pillar trim installation procedure carefully; improper installation could cause the side curtain airbag to deploy improperly and possibly cause injury.
- Put on gloves to protect your hands.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to scratch the trim and panels.
- The front clip in the C-pillar trim (A) consists of a grommet (B) and a pin (C). The grommet expanded with the pin secures it to the body panel (D). The projections (E) on the pin are broken during removal, so the clip must be replaced with a new one when the trim is reinstalled.



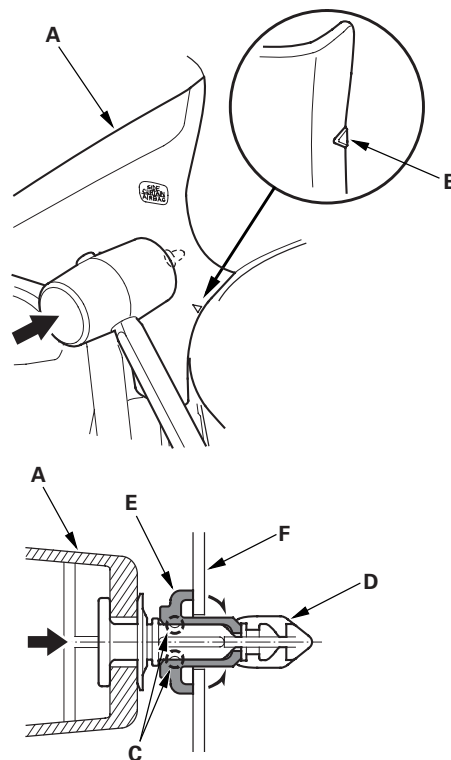
1. Remove these items:

- Rear seat cushion (see page 20-133)
- Rear seat side bolster (see page 20-134)
- Rear door opening seal, as needed (see step 3 on page 20-68)

2. Fold the seat-back forward.

3. Hit the front clip in the C-pillar trim (A) with a rubber mallet. The clip is near the triangle mark (B). Hitting the clip breaks the projections (C) on the pin (D) and pushes it into the grommet (E) on the body (F).

NOTE: The clip must be replaced with a new one when the C-pillar trim is reinstalled.

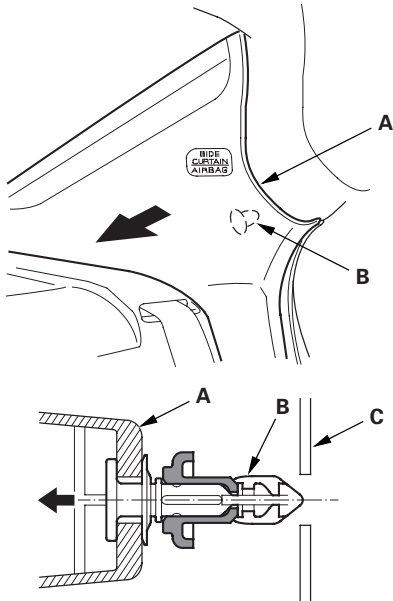


(cont'd)

Interior Trim

Trim Removal/Installation - Pillar Areas (cont'd)

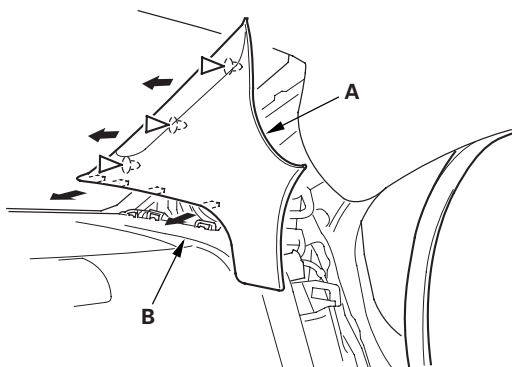
4. Pull the front of the C-pillar trim (A) back by hand to remove the front clip (B) from the body (C).



5. Pull the C-pillar trim (A) by hand to detach the clips, then pull the trim up from the rear shelf (B).

Fastener Locations

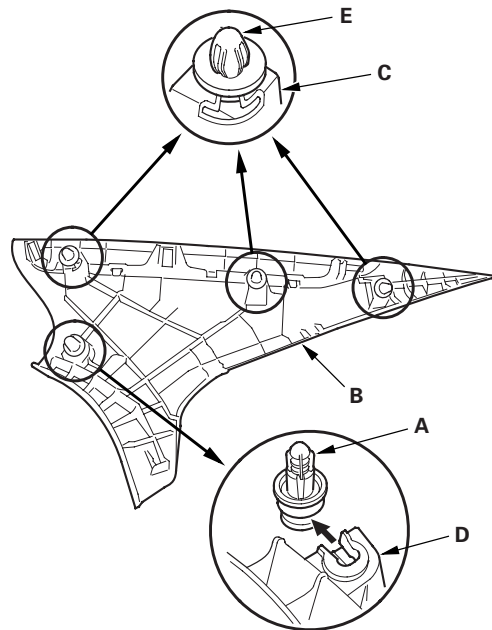
▷ : Clip, 3 (Red)



6. If the side curtain airbag has deployed, replace the C-pillar trim and all clips on the trim with new ones (see page 24-185).

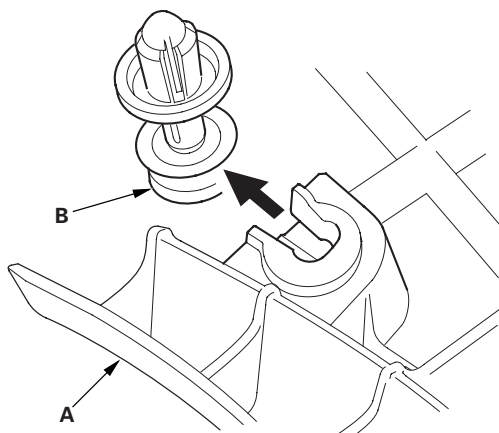
7. If the side curtain airbag has not deployed, remove the front clip (A) from the removed C-pillar trim (B) and discard it. Then check the trim:

- To prevent the side curtain airbags from deploying improperly and possibly causing injury, inspect the C-pillar trim and replace it if it has any of the following damage:
 - Any cracks, deformations, or stress-whitening in the C-pillar trim
 - Any cracks or stress-whitening in the clip seating surfaces (C, D)
- If the clips (E) are damaged or stress-whitened, replace them with new ones.
- Replace the front clip with a new one.



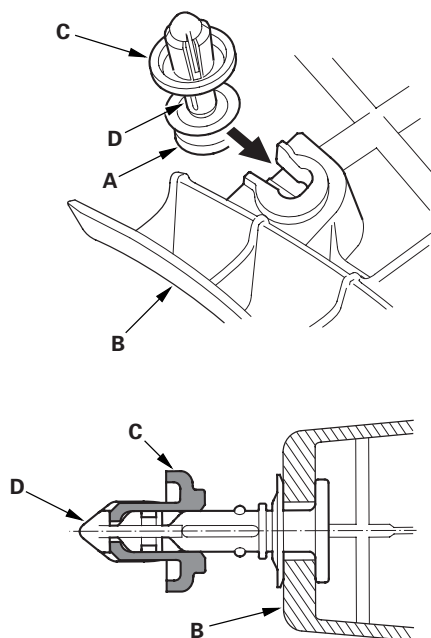


8. Before installing the C-pillar trim (A), whether it is being replaced or reinstalled, temporarily remove the new front clip (B).



9. Check the overlap between the headliner and C-pillar trim, and if necessary, adjust it (see page 24-187).

10. Carefully reinstall a new front clip (A) to the C-pillar trim (B). Be sure that the grommet (C) is nearest to the top of the pin (D) as shown.



11. Reinstall the C-pillar trim (A).

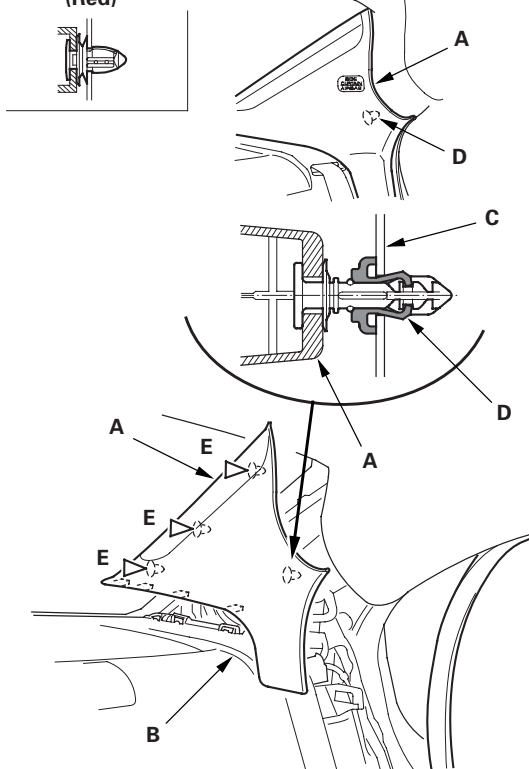
- 1 Insert the bottom of the trim into the rear shelf (B).
- 2 Place the trim over the C-pillar (C), and fit its front clip (D) and rear clips (E) into holes in the C-pillar, then lightly push the trim into place.

NOTE:

- Make sure the side curtain airbag is not tucked down under the clips and ribs.
- Push lightly on the front clip. If you push too hard, the clip will be damaged, and it will not hold the trim properly.

Fastener Locations

E ▷ : Clip, 3 (Red)



12. Reinstall the rear door opening seal.

13. Reinstall the rear seat side bolster (see page 20-134) and rear seat cushion (see page 20-133).

Interior Trim

Trim Removal/Installation - Rear Shelf Area

Special Tools Required

KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

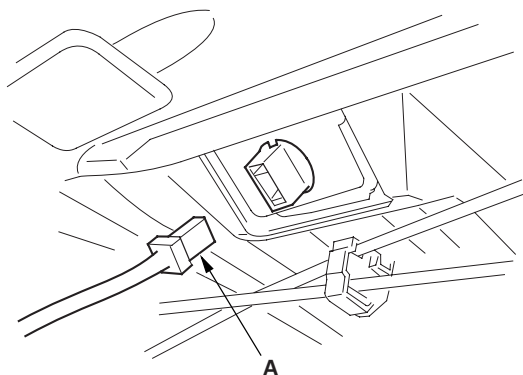
NOTE:

- Put on gloves to protect your hands.
- Take care not to bend or scratch the rear shelf or the trim.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Remove these items:

- Rear seat cushion (see page 20-133)
- Rear seat-back (see page 20-131)
- Rear door opening seal, as needed (see step 3 on page 20-68)
- C-pillar trim, both sides (see step 3 on page 20-75)

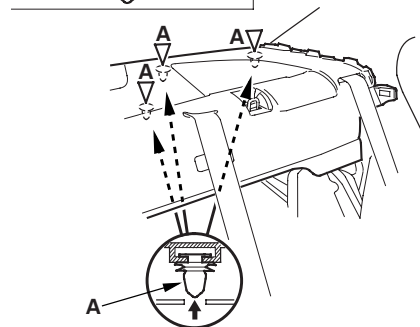
2. From the trunk compartment, disconnect the high mount brake light connector (A).



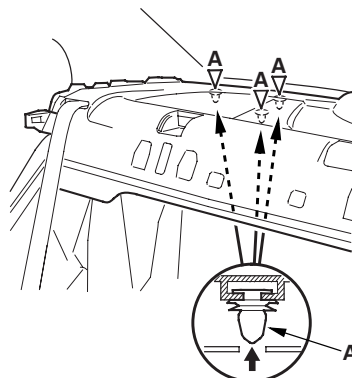
3. From the trunk compartment, release the six or seven white clips (A) by tapping on them.

Fastener Locations

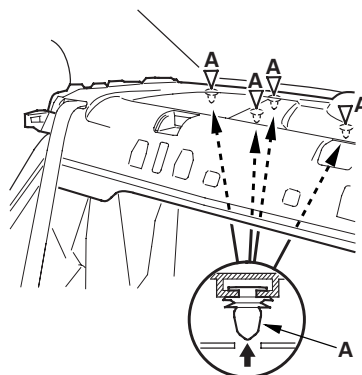
A ▷ : Clip
(White)
'06 model, 6
'07-09 models, 7



'06 model

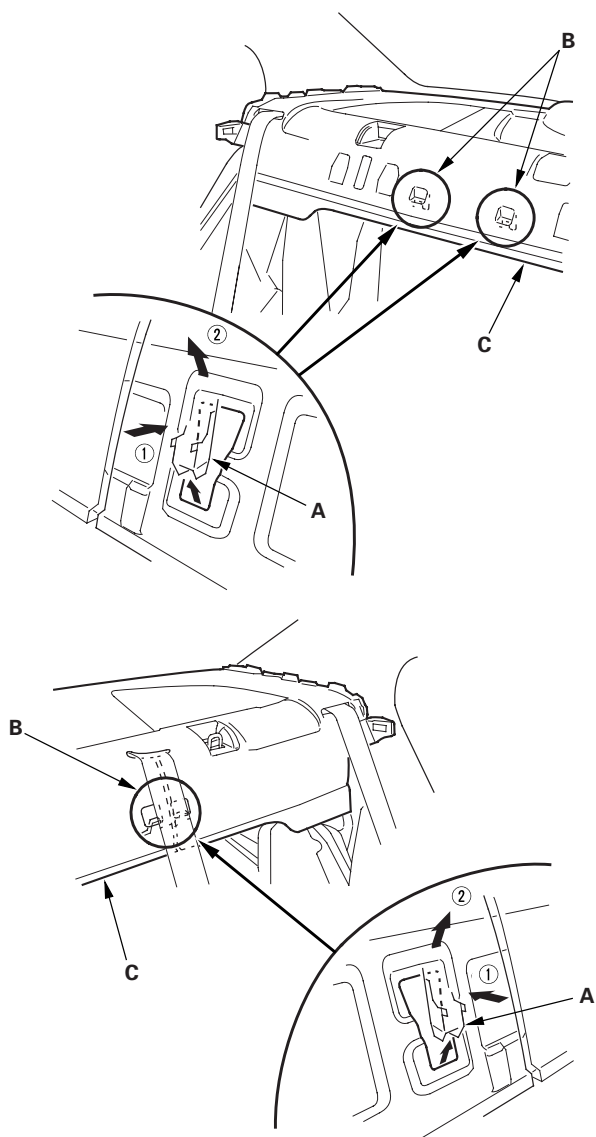


'07-09 models





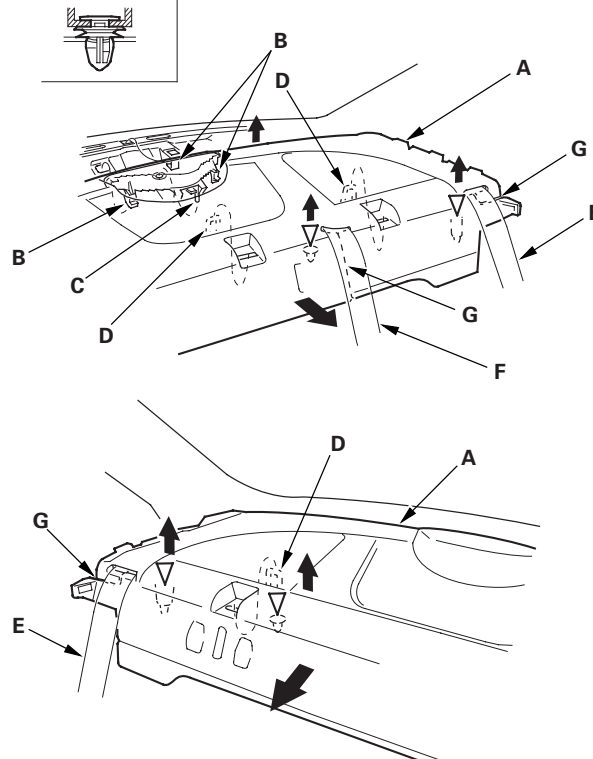
4. Release the hook (A) by pushing in on the detents (B) on the rear shelf (C), then lift up on the front edge of the shelf at each detent.



5. Lift the rear shelf (A) upward to detach the remaining four clips, and release the hooks (B) of the high mount brake light from the rear shelf. Release the pin (C) from the holes on the body.

Fastener Locations

▷ : Clip, 4 (White)



6. Release each anchor rod (D) out through the hole in the rear shelf, and pull both rear seat belts (E) and rear center seat belt (F) out through the slits (G) in the rear shelf.
7. Install the shelf in the reverse order of removal, and note these items:
- If the clips are damaged or stress-whitened, replace them with new ones.
 - When installing the rear shelf, slip the rear seat belt through the slit and the rear center seat belt into the lid opening in the rear shelf.
 - Push the clips and the hooks into place securely.
 - Make sure the high mount brake light connector is connected securely.

Interior Trim

Trim Removal/Installation - Trunk Area

Special Tools Required

KTC trim tool set 07AAC-SEPA240

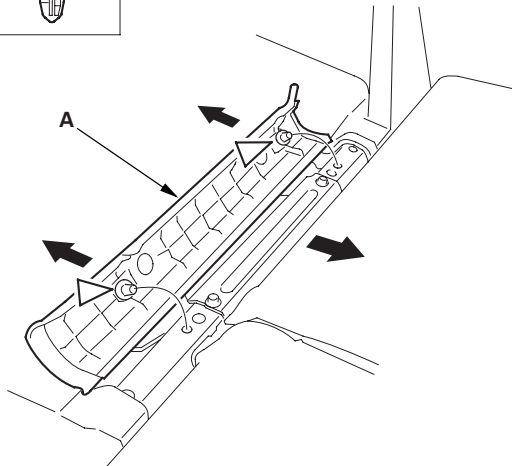
NOTE:

- Put on gloves to protect your hands.
- Take care not to bend or scratch the trim and panels.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

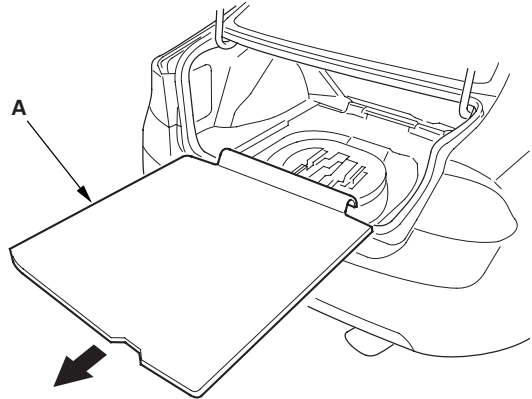
1. Fold the rear seat-back forward.
2. Pull back the front portion of the spare tire lid (A), and detach the clips.

Fastener Locations

▷ : Clip, 2
(White)



3. Remove the spare tire lid (A).

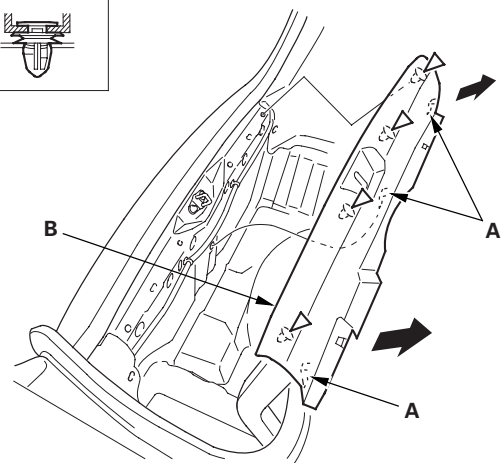


4. Remove the trunk lid weatherstrip near the trunk rear trim panel.

5. Detach the clips, and release the hooks (A) by pulling the trunk rear trim panel (B) up, then remove it.

Fastener Locations

▷ : Clip, 4
(White)

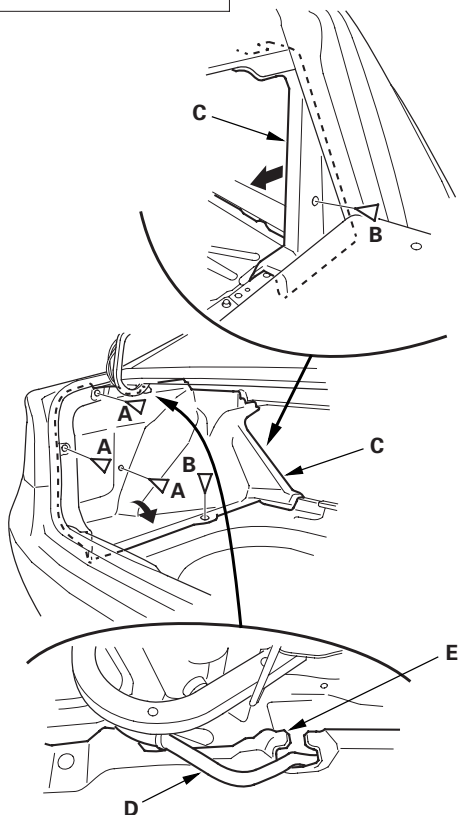
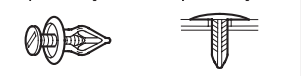




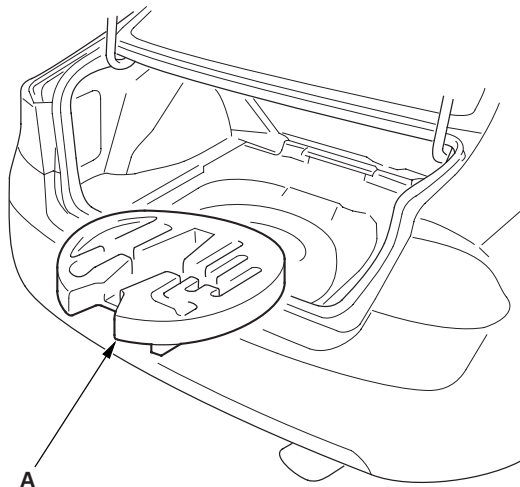
6. Remove the clips (A, B), then remove the trunk side trim panel (C). Release the wire harness (D) from the slit (E) in the trim panel.

Fastener Locations

A ▽ : Clip, 3 B ▽ : Clip, 2



7. If necessary, remove the trunk tool box (A).



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.

Interior Trim

Trim Removal/Installation - Trunk Lid

Special Tools Required

KTC trim tool set 07AAC-SEPA240

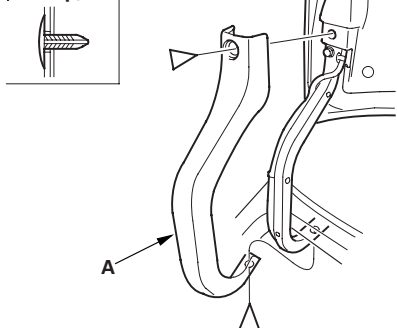
NOTE:

- Put on gloves to protect your hands.
- Take care not to bend or scratch the trim and panels.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Remove the clips from both trunk lid hinge cover (A), then remove the covers.

Fastener Locations

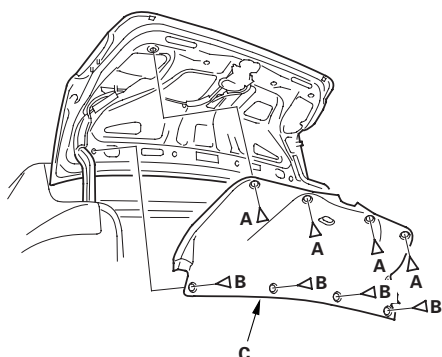
▷ : Clip, 2



2. Remove the clips (A, B), then remove the trunk lid trim (C).

Fastener Locations

A ▷ : Clip, 4 B ▷ : Clip, 4



3. Install the trim in the reverse order of removal, and if the clips are damaged or stress-whitened, replace them with new ones.

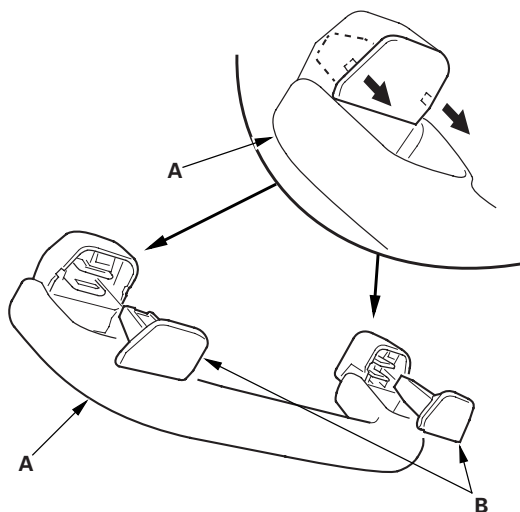
Grab Handle Removal/Installation

Special Tools Required

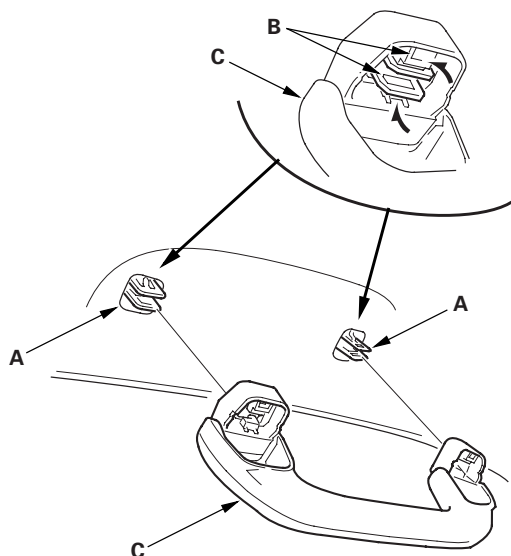
KTC trim tool set 07AAC-SEPA240

NOTE: Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Lower the grab handle (A), then pull out the stoppers (B).

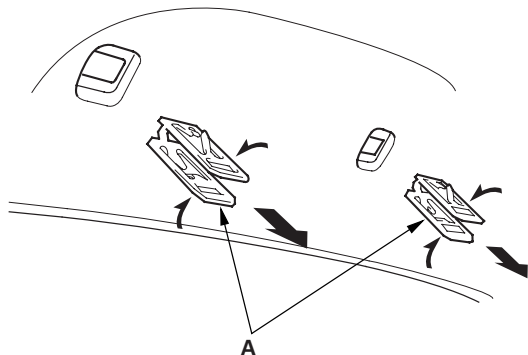


2. While pinching the clips (A), release the hooks (B), then remove the grab handle (C).





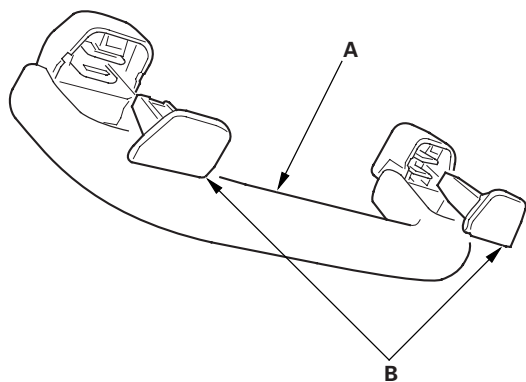
3. Remove all of the clips (A) with a pair of pliers by pinching its hooks.



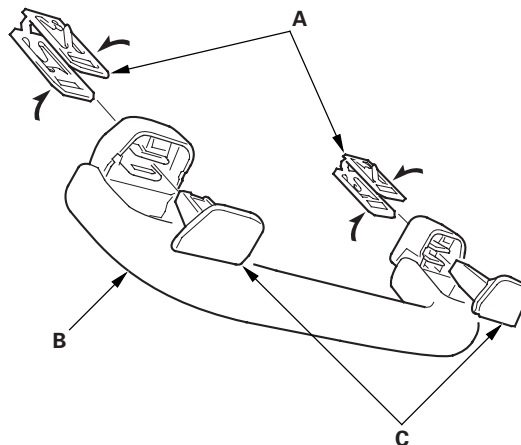
4. If the side curtain airbag has deployed, replace the grab handle with a new one.

5. If the side curtain airbag has not deployed, to prevent the side curtain airbags from deploying improperly and possibly causing injury, inspect the removed pieces and replace them if they have any of the following damage:

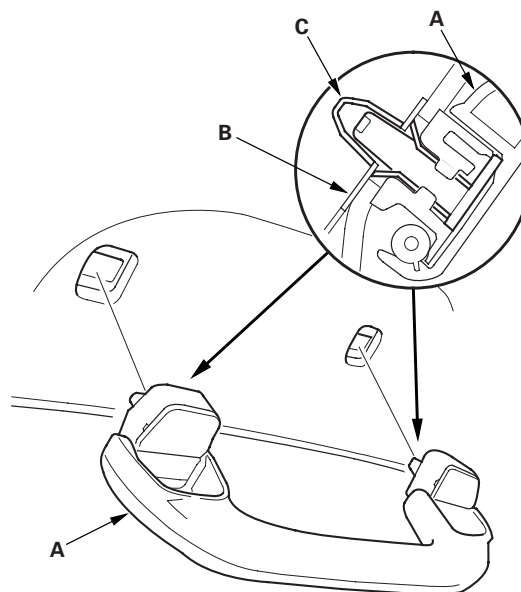
- Any cracks or breakage in the grab handle (A).
- Any cracks or stress-whitening in the stoppers (B).



6. Install the clips (A) to the grab handle (B), then install the stoppers (C) fully into the clips.



7. Position the grab handle (A) on the bracket (B), and push on the grab handle until the clips (C) snap into place securely.



Interior Trim

Headliner Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations, (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

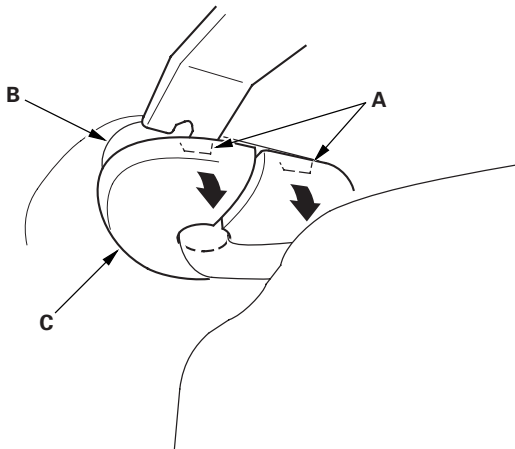
- Put on gloves to protect your hands.
- Take care not to bend or scratch the trim and panels.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Do the battery terminal disconnection procedure (see page 22-68), and wait at least 3 minutes before beginning work.

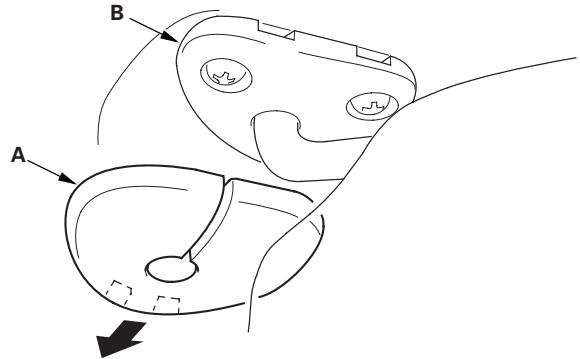
2. Remove these items:

- A-pillar trim, both sides (see page 20-69)
- Ceiling light (see page 22-197)
- Front seat belt upper anchor, both sides (see step 6 on page 24-4)
- B-pillar lower trim, both sides (see page 20-72)
- B-pillar upper trim, both sides (see page 20-72)
- C-pillar trim, both sides (see page 20-75)
- Grab handles, four places (see page 20-82)

3. Release the tabs (A) from the bracket (B) of the sunvisor cap (C) with a trim tool.



4. Remove the sunvisor cap (A) from the bracket (B).

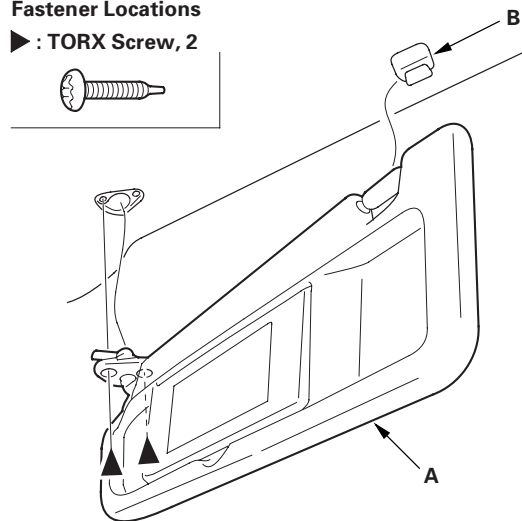
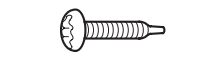


5. From both sides, remove the sunvisor (A).

- 1 Remove the sunvisor from the body and the holder (B).
- 2 Remove the screws with a TORX T25 bit.
- 3 Remove the sunvisor from the body, and if equipped disconnect the vanity mirror light connector.

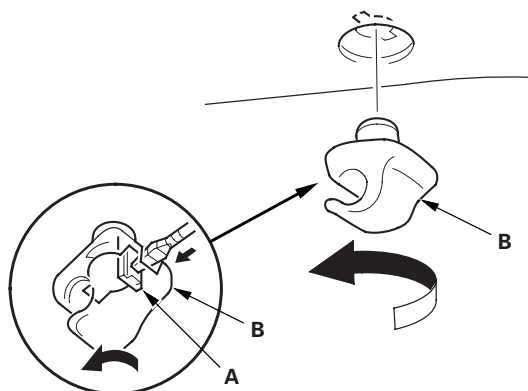
Fastener Locations

► : TORX Screw, 2





6. Push the hook (A) with a flat-tip screwdriver wrapped with protective tape, and turn the holder (B) 90 °, then pull it out.

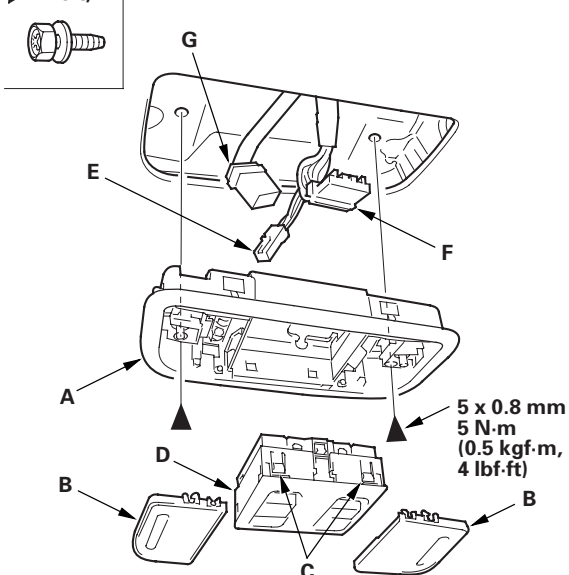


7. Remove the individual map light assembly (A).

- 1 Remove the lenses (B).
- 2 Remove the bolts.
- 3 If equipped, release the four tabs (C), then pull out the moonroof switch (D) or the navigation microphone.
- 4 Disconnect the front individual map light connector (E). If equipped, disconnect the moonroof switch connector (F) and the navigation microphone connector (G).

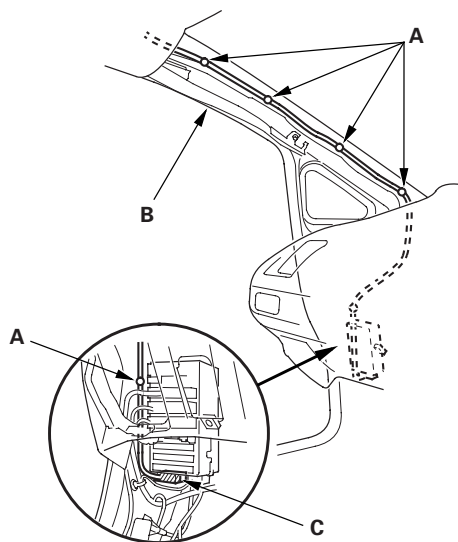
Fastener Locations

► : Bolt, 2



8. Without moonroof: Remove the driver's dashboard undercover (see page 20-104).

9. Detach the harness clips (A) from the A-pillar (B), and disconnect the roof wire harness connector (C).



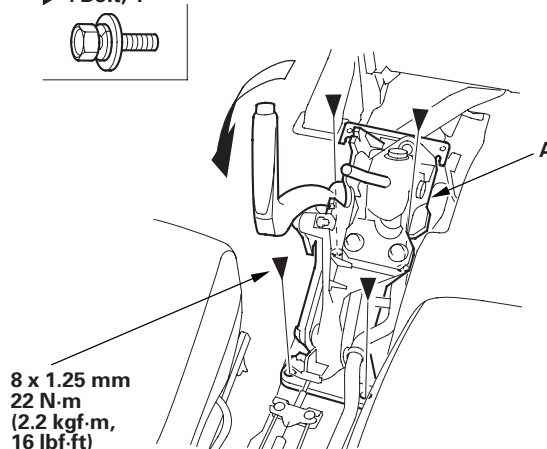
10. Remove the center console (see page 20-92).

11. Slide both front seats all the way back, and recline the seat-backs fully.

12. Remove the bolts securing the parking brake base frame (A), and lay it down as needed.

Fastener Locations

► : Bolt, 4



(cont'd)

Interior Trim

Headliner Removal/Installation (cont'd)

13. Lower the headliner (A).

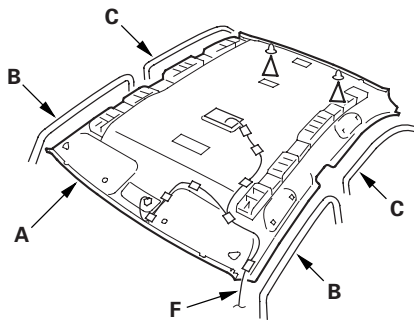
- 1 Remove the front door opening seals (B) and rear door opening seals (C) from each roof portion.
- 2 With the help of an assistant, detach the rear clips by pulling the rear portion of the headliner down.
- 3 With moonroof: Release the Velcro fastener (D) by lowering the headliner.
- 4 With moonroof: Release the hook (E) of the moonroof by moving the headliner rearward.

Fastener Locations

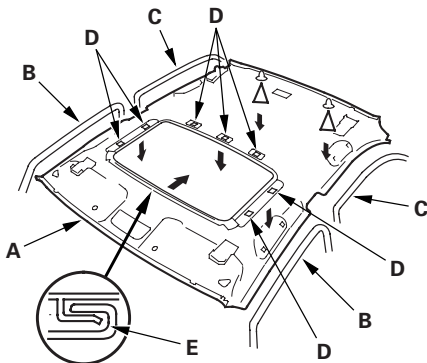
▷ : Clip, 2 (White)



Without moonroof



With moonroof



14. Lower the front of the headliner below the steering wheel. Rotate the liner, and pull it along with the roof wire harness (F) (without moonroof) out through the passenger's front door. Do not bend the liner. Bending the liner will crease and damage it.

15. If necessary, remove the cushion tape (A, B) fastening the roof wire harness (C) to the headliner (D), then remove them from the headliner.

Cushion tape A: P/N 91903-SNA-003

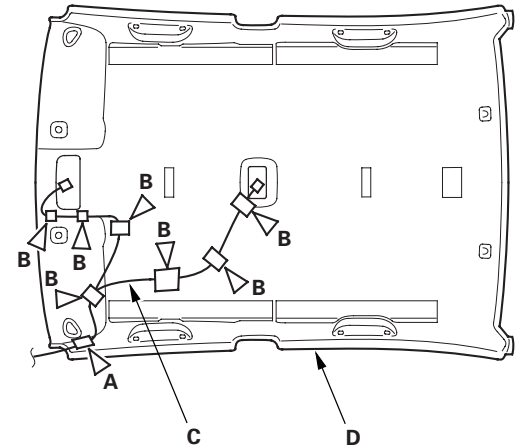
100 x 50 mm (3.94 x 1.97 in.)

Cushion tape B: P/N 91902-SNA-003

50 x 50 mm (1.97 x 1.97 in.)

Fastener Locations

A, B ▷ : Cushion tape, 8

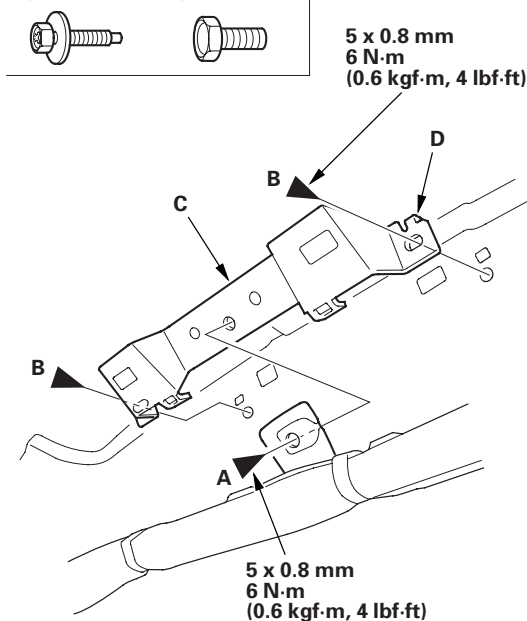




16. If necessary, remove the side curtain airbag mounting bolt (A) and grab handle bracket mounting bolts (B), then remove the grab handle bracket (C) from each side by releasing the hooks (D).

Fastener Locations

A ► : Bolt, 1 B ► : Bolt, 2



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

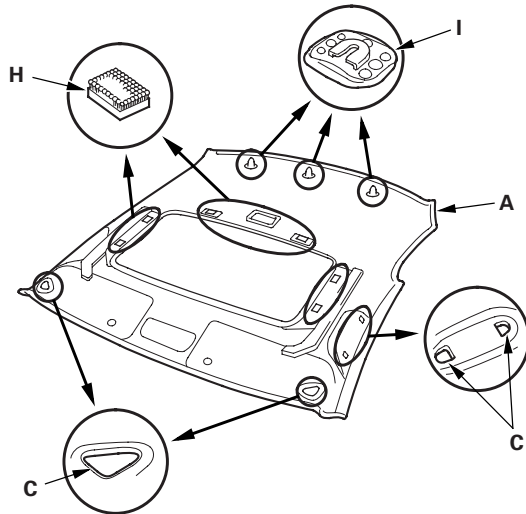
- If the side curtain airbag has deployed, replace the headliner and related parts with new ones (see page 24-185).
- To prevent the side curtain airbags from deploying improperly and possibly causing injury, inspect the removed pieces and replace them if they have any of the following damage:
 - Any crease or tears in the headliner (A)
 - Any cracks or breakage in the grab handle (B)
 - Any damages around the grab handle holes (C) or sunvisor holes in the headliner
 - Any cracks in the sunvisor stay base (D)
 - Any bends or cracks in the sunvisor stay shaft (E)
 - Any cracks in the sunvisor base (F)
 - Any cracks or breakage in the vanity mirror base (G)
 - Any Velcro fasteners (H) and the clip bases (I) which have come off the headliner
- When installing the grab handle, push on the grab handle against the bracket (J) until the clips (K) snap into place securely.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Replace the removed cushion tape with new ones.
- Check that both sides of the headliner are securely attached to the trim.
- Make sure the headliner overlaps the trim pieces correctly (see page 24-187).
- When reinstalling the headliner through the front passenger's door opening, be careful not to fold or bend it. Also, be careful not to scratch the body.
- Check for any DTCs that may have been set during repairs, and clear them.
- Do the battery terminal reconnection procedure (see page 22-68).

(cont'd)

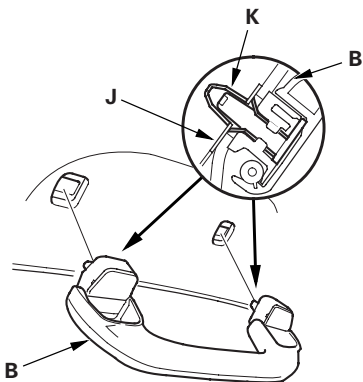
Interior Trim

Headliner Removal/Installation (cont'd)

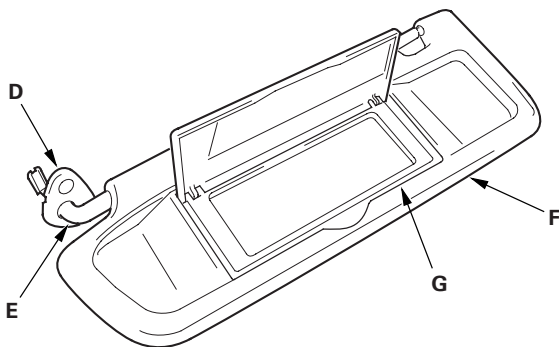
Headliner



Grab handle



Sunvisor



Carpet Replacement

Special Tools Required

KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

- Put on gloves to protect your hands.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to damage, wrinkle, or twist the carpet.
- Be careful not to damage the dashboard or other interior trim pieces.

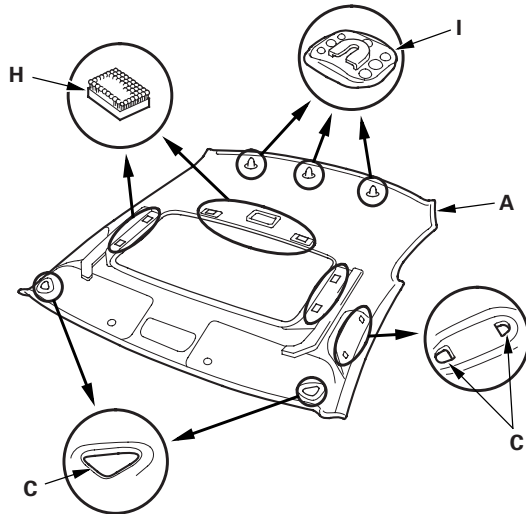
1. Remove these items:

- Front seats, both sides (see page 20-118)
- Rear seat cushion (see page 20-133)
- Front door sill trim, both sides (see page 20-66)
- Rear door sill trim, both sides (see page 20-67)
- Kick panels, both sides (see step 5 on page 20-67)
- B-pillar lower trim (see page 20-72)
- Driver's dashboard undercover (see page 20-103)
- Passenger's dashboard undercover (see page 20-104)
- Center console (see page 20-92)
- Steering joint cover (see page 17-10)

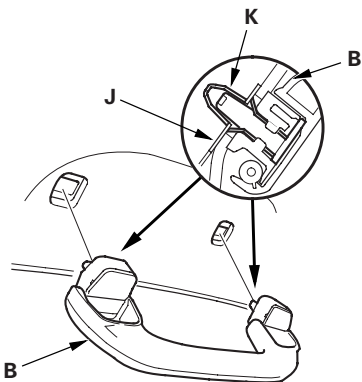
Interior Trim

Headliner Removal/Installation (cont'd)

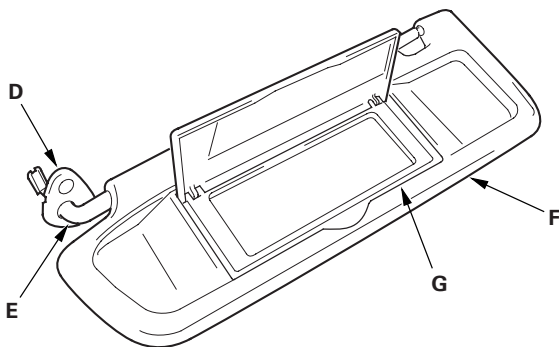
Headliner



Grab handle



Sunvisor



Carpet Replacement

Special Tools Required

KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

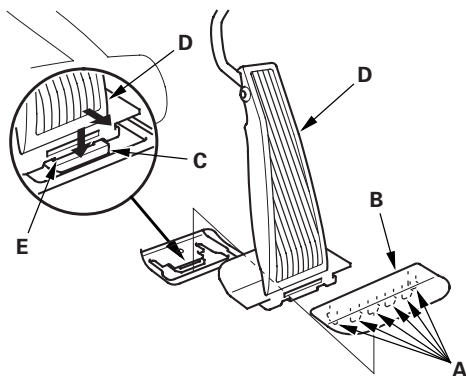
- Put on gloves to protect your hands.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to damage, wrinkle, or twist the carpet.
- Be careful not to damage the dashboard or other interior trim pieces.

1. Remove these items:

- Front seats, both sides (see page 20-118)
- Rear seat cushion (see page 20-133)
- Front door sill trim, both sides (see page 20-66)
- Rear door sill trim, both sides (see page 20-67)
- Kick panels, both sides (see step 5 on page 20-67)
- B-pillar lower trim (see page 20-72)
- Driver's dashboard undercover (see page 20-103)
- Passenger's dashboard undercover (see page 20-104)
- Center console (see page 20-92)
- Steering joint cover (see page 17-10)



2. Release the hooks (A) to remove the accelerator pedal clip (B). While pushing down the back-up spring (C), pull back the accelerator pedal (D) to release the hook (E).

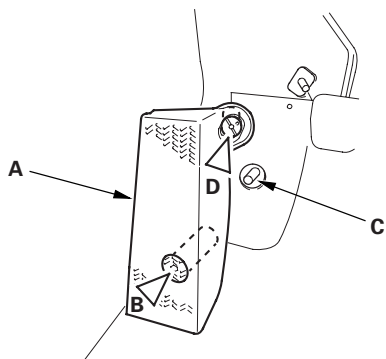
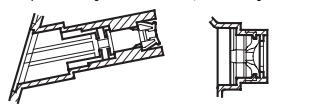


3. Remove the footrest (A).

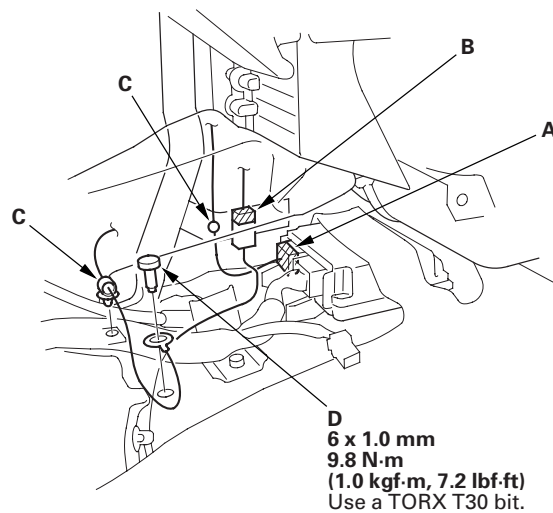
- 1 Remove the lower clip (B) with a 6 mm hexagon wrench, from the stud bolt (C).
- 2 Remove the upper clip (D) with a flat-tip screwdriver, from the stud bolt.

Fastener Locations

B ▷ : Clip, 1 D ▷ : Clip, 1



4. Disconnect the SRS unit connector (A), antenna connector (B), and detach the wire harness clips (C). Remove the ground bolt (D) with a TORX T30 bit.



(cont'd)

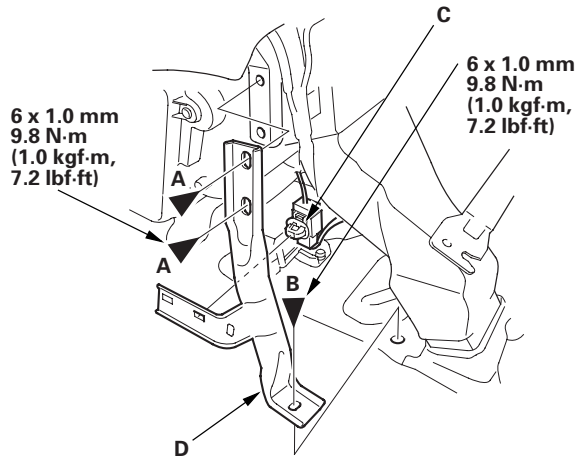
Interior Trim

Carpet Replacement (cont'd)

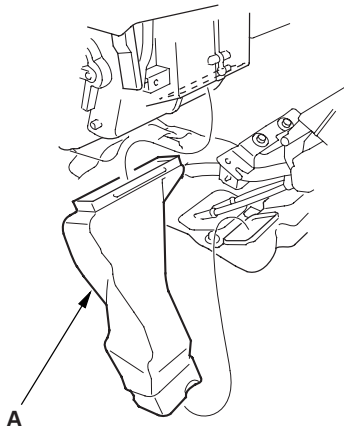
5. Remove the bolts (A, B), and detach the connector clip (C), then remove the center pipe extension (D).

Fastener Locations

A ► : Bolt, 2 B ► : Bolt, 1

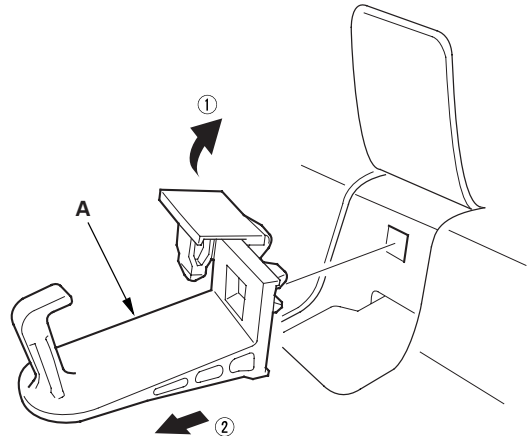


6. Remove the rear heater joint duct (A).



7. Disconnect the parking brake cables from the equalizer (see page 19-40).

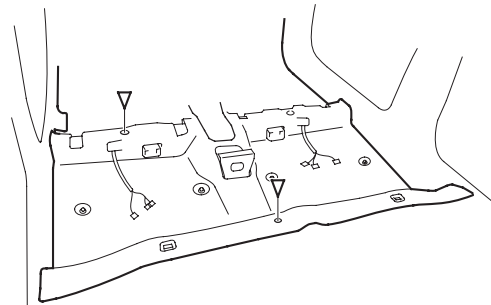
8. Remove the floor mat holders (A) from the driver's side.



9. Remove the clips.

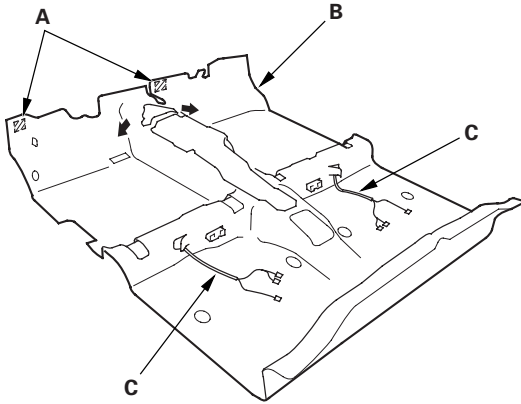
Fastener Locations

▷ : Clip, 2





10. Release the Velcro fastener (A), then pull the carpet (B) out from under the dashboard.



11. Pull the seat harnesses (C) out through the hole in the carpet, then remove the carpet.

12. 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 and parking brake cables are routed correctly.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the Velcro fasteners and the clips into place securely.
- Push the accelerator pedal hooks into place securely, and verify that the pedal is properly fastened to the floor.

Consoles

Center Console Removal/Installation

Special Tools Required

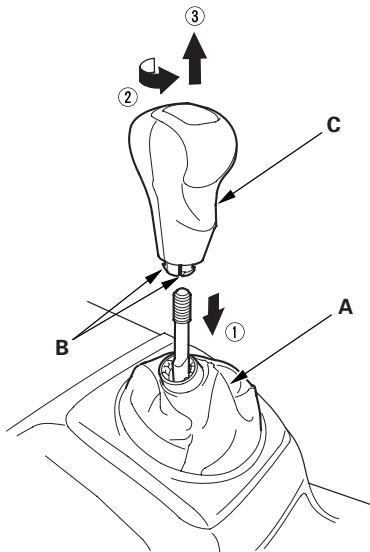
KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to scratch the front seat, dashboard, and related parts.

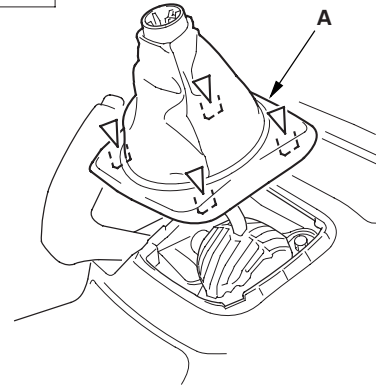
1. Remove the passenger's dashboard undercover (see page 20-104).
2. M/T model: Lower the shift lever boot (A) to release the hooks (B) from the boot, then remove the shift knob (C).



3. Detach the clips by pulling the front inner panel (A) up.

Fastener Locations

▷ : Clip, 4

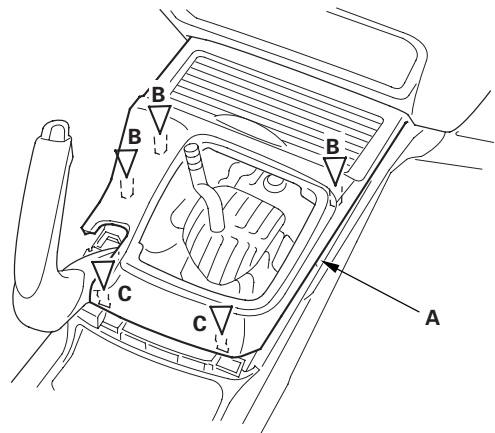
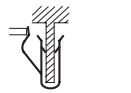
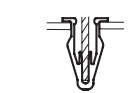


4. Gently pull out along the rear of the center console panel (A) to release the clips (B, C).

Fastener Locations

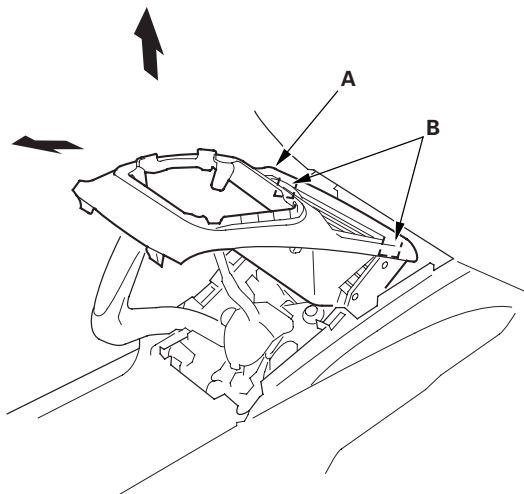
B ▷ : Clip, 3

C ▷ : Clip, 2





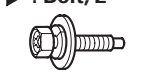
5. Pull the center console panel (A) up and rearward to release the tabs (B).



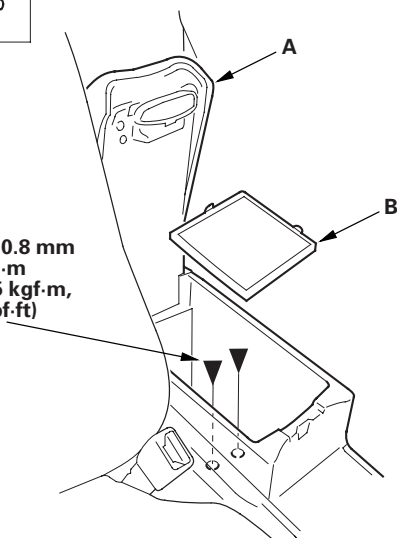
6. Open the armrest (A), and remove the console box mat (B) to access and remove the bolts.

Fastener Locations

► : Bolt, 2



5 x 0.8 mm
5 N·m
(0.5 kgf·m,
4 lbf·ft)

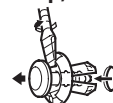
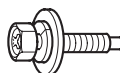


7. Remove the bolts and the clips from the front portion of the center console. Disconnect the console subharness connector (A), and detach the connector clip (B).

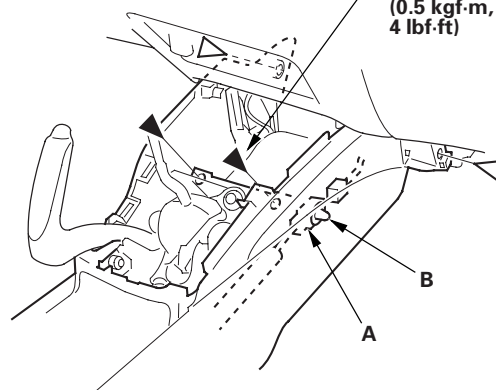
Fastener Locations

► : Bolt, 2

▷ : Clip, 2



5 x 0.8 mm
5 N·m
(0.5 kgf·m,
4 lbf·ft)

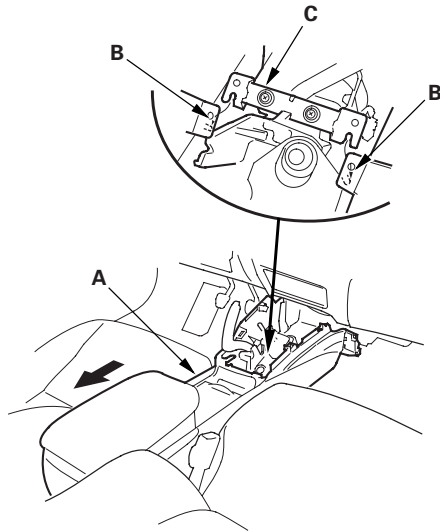


(cont'd)

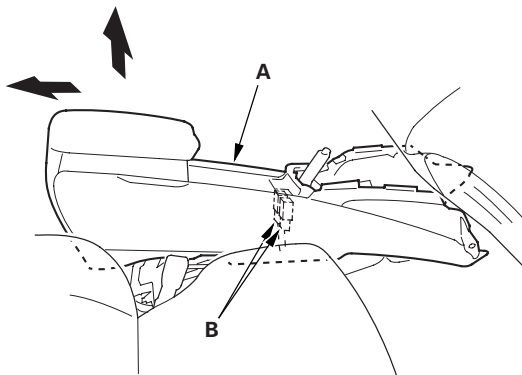
Consoles

Center Console Removal/Installation (cont'd)

8. Slide both front seats all the way back, and recline the seat-back fully.
9. Slide the center console (A) rearward to release the pins (B) from the bracket (C).



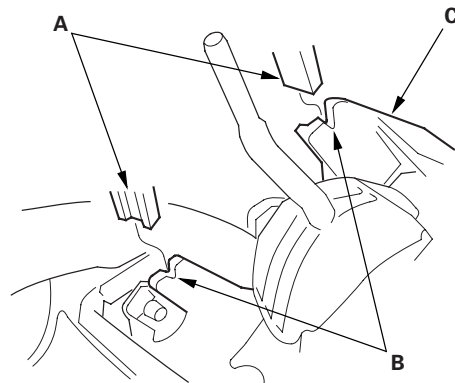
10. Lift up the rear of the console (A), and remove it from the dashboard.



11. If equipped, disconnect the seat heater switch connectors (B).

12. Install the console in the reverse order of removal, and note these items:

- Make sure each connector is plugged in properly.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.
- When installing the center console panel, install the tabs (A) into the notch (B) of the parking brake base frame (C).





Center Console Disassembly/Reassembly

Special Tools Required

KTC trim tool set 07AAC-SEPA240

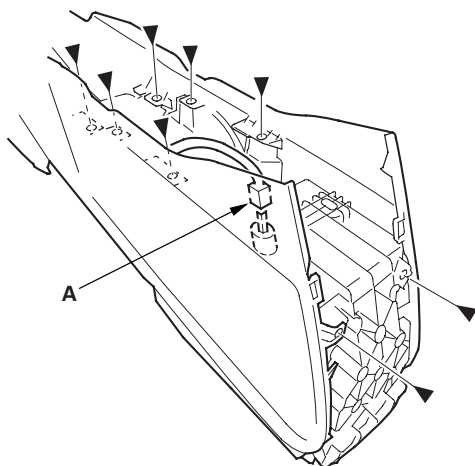
NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to scratch the center console, the dashboard, and related parts.

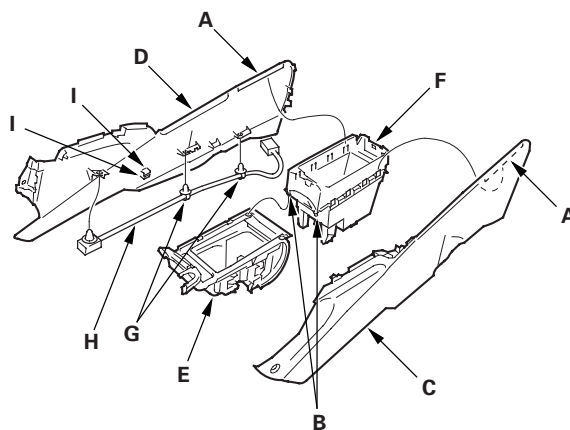
1. Remove the center console (see page 20-92).
2. Remove the center console armrest (see page 20-96).
3. Remove the screws with a TORX T20 bit, and disconnect the console accessory power socket connector (A).

Fastener Locations

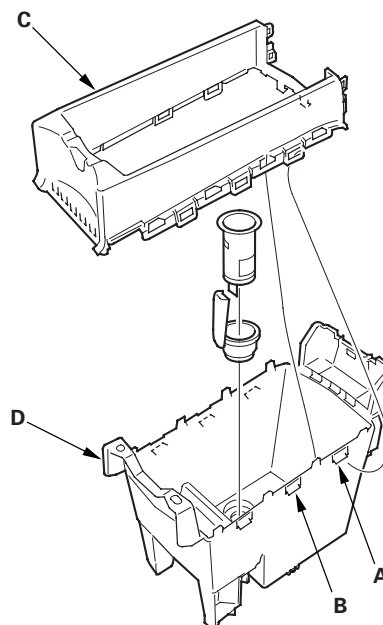
► : TORX Screw, 8



4. Release the hooks (A) and the pins (B), then separate the left console side panel (C), the right console side panel (D), the console beverage holder (E) and the console box (F). If equipped, detach the harness clips (G), then remove the console subharness (H) from the hooks (I).



5. Release the hooks (A, B), then separate the console upper box (C) and the console lower box (D).



6. Assemble the console in the reverse order of disassembly, and make sure the console subharness connector is plugged in properly.

Consoles

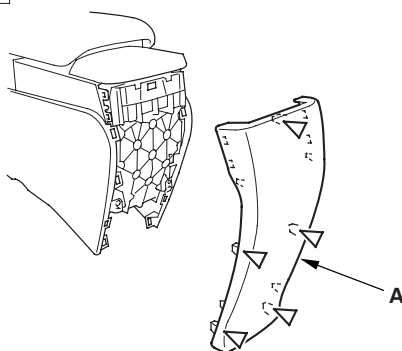
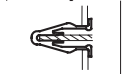
Center Console Armrest Replacement

NOTE: Take care not to scratch the armrest, center console, and related parts.

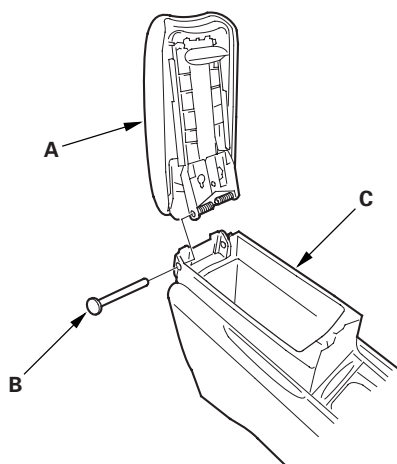
1. Remove the center console (see page 20-92).
2. Gently pull out the center console rear cover (A) to detach the clips.

Fastener Locations

▷ : Clip, 5



3. Open the armrest (A), pull the pin (B) off the armrest, then separate the armrest and the center console (C).



4. Install the center console armrest in the reverse order of removal, and if the clips are damaged or stress-whitened, replace them with new ones.

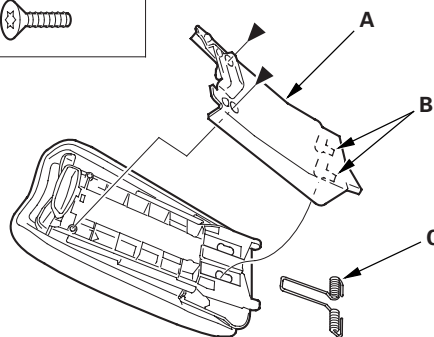
Armrest Lock Replacement

NOTE: Take care not to scratch the armrest and related parts.

1. Remove the center console armrest (see page 20-96).
2. Remove the screws with a TORX T15 bit. Slide the armrest liner (A) downward to release the hooks (B), then remove the armrest liner and armrest spring (C).

Fastener Locations

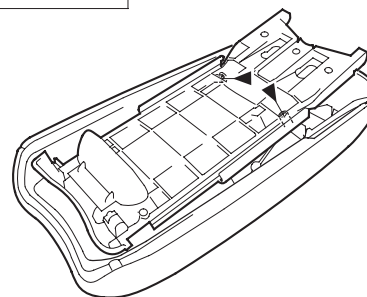
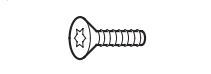
► : TORX Screw, 2



3. Remove the screws with a TORX T15 bit.

Fastener Locations

► : TORX Screw, 2

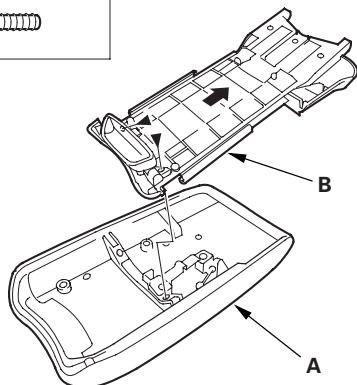




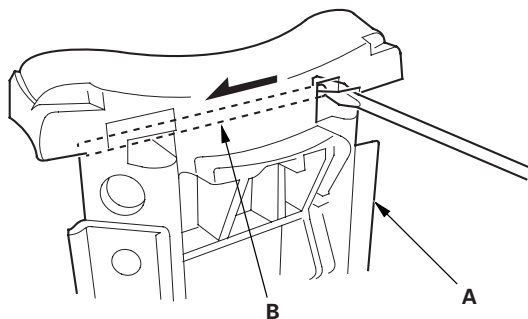
- Slide the armrest (A) all the way forward, remove the screws with a TORX T15 bit, then remove the armrest backbone (B).

Fastener Locations

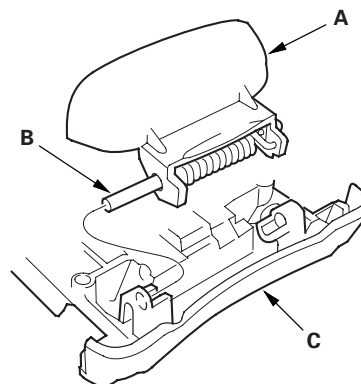
► : TORX Screw, 2



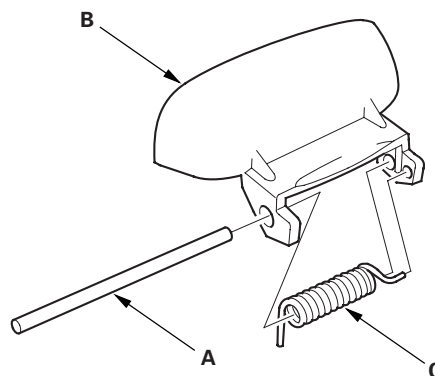
- From the back of the armrest backbone (A), push the edge of the armrest lock pin (B) with a flat-tip screwdriver, then slide the armrest lock pin fully.



- Remove the armrest lock (A) with the armrest lock pin (B) from the armrest backbone (C).



- Remove the armrest lock pin (A), then separate the armrest lock (B) and armrest lock spring (C).



- Install the armrest lock in the reverse order of removal.

Dashboard

Instrument Panel Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

NOTE:

- Take care not to scratch the instrument panel and related parts.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

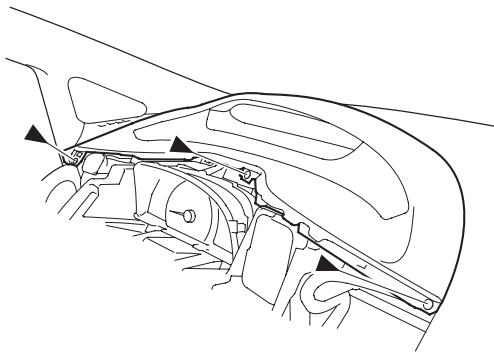
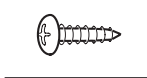
1. Remove these items:

- Subdisplay visor (see page 20-100)
- Navigation unit, with navigation system
 - '06-08 models (see page 23-155)
 - '09 model (see page 23-355)
- Audio unit, without navigation system
 - '06-08 models (see page 23-80)
 - '09 model (see page 23-256)

2. Remove the screws.

Fastener Locations

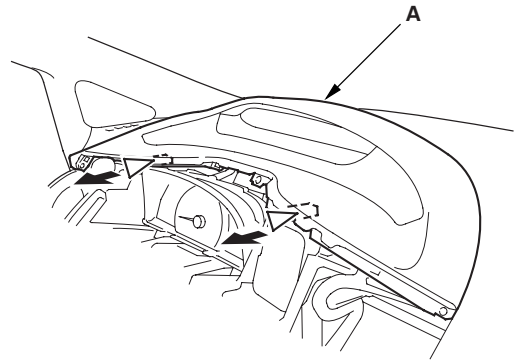
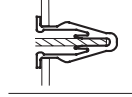
► : Screw, 3



3. Detach the clips along the lower edge of the instrument panel (A).

Fastener Locations

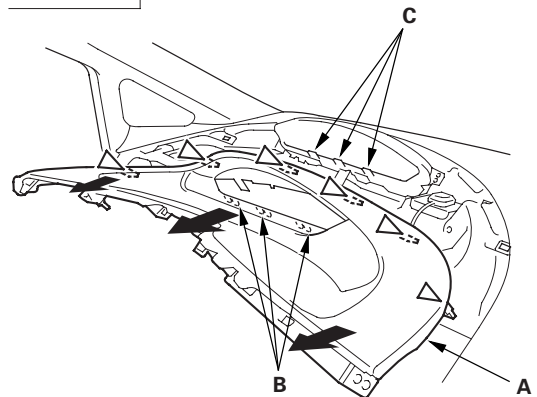
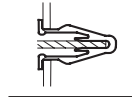
▷ : Clip, 2



4. Detach the clips along the upper edge of the instrument panel (A). Gently pull out the instrument panel to release the hooks (B) from the holder (C) of the gauge control module.

Fastener Locations

▷ : Clip, 6



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.



Gauge Control Module (Speedo) Trim Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

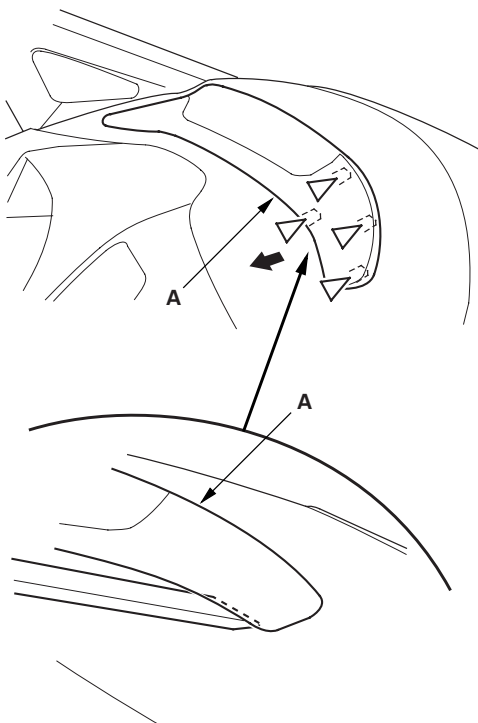
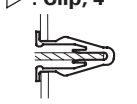
NOTE:

- Take care not to scratch the dashboard and related parts.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Pry up on the inside edge of the gauge control module (speedo) trim (A) with a trim tool to detach the clips.

Fastener Locations

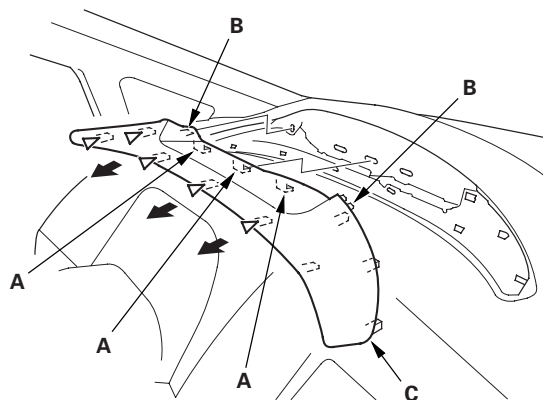
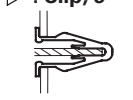
▷ : Clip, 4



2. Detach the clips and release the hooks (A) with a trim tool, and the pins (B) along the edge of the gauge control module (speedo) trim (C), then remove the trim.

Fastener Locations

▷ : Clip, 5



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.

Dashboard

Subdisplay Visor Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

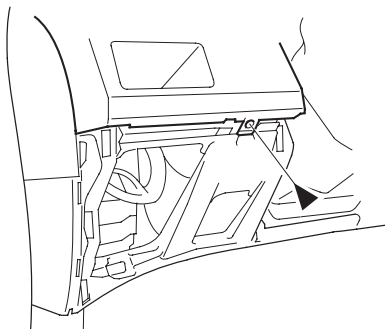
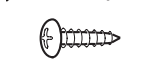
NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the dashboard and related parts.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Remove the driver's dashboard lower cover (see page 20-102).
2. Tilt the steering column down, and pull it fully out.
3. Remove the screw.

Fastener Location

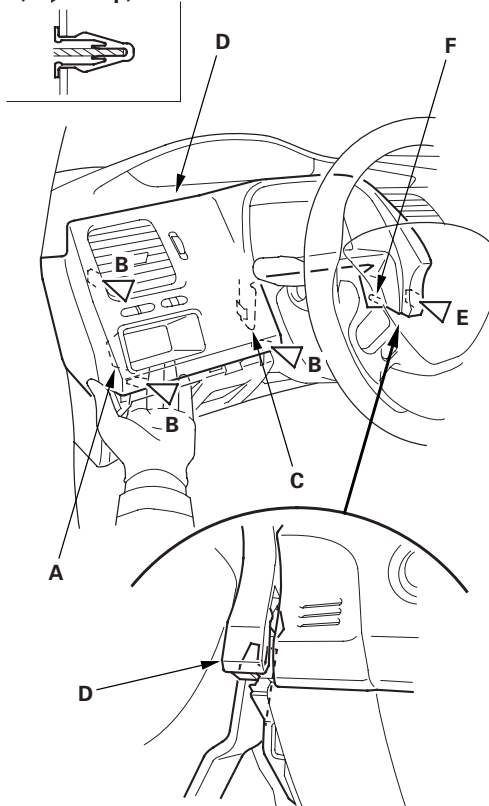
► : Screw, 1



4. Pull the back of the driver's pocket (A) by hand from the driver's lower cover opening to release the clips (B) and the hook (C) on the outside.

Fastener Locations

B, E ► : Clip, 4



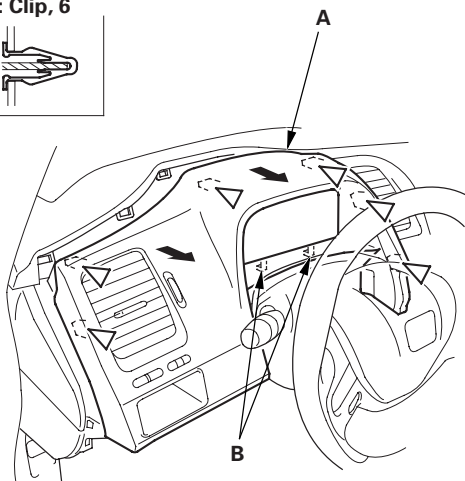
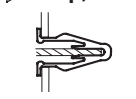
5. Pry up on the inside edge of the subdisplay visor (D) with a trim tool to detach the clip (E), and release the pin (F).



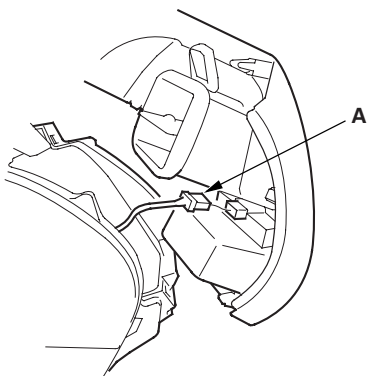
6. Detach the clips along the upper edge of the subdisplay visor (A). Gently pull out the visor to release the hooks (B).

Fastener Locations

▷ : Clip, 6



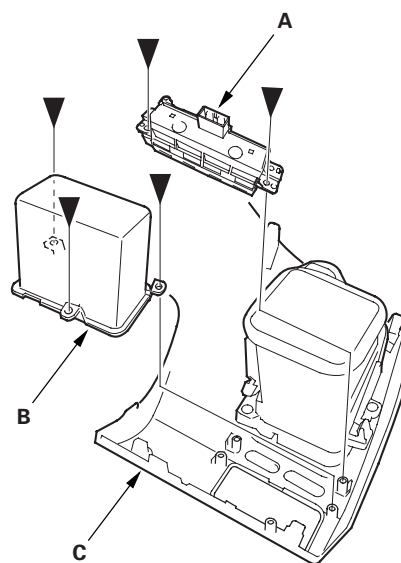
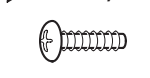
7. Disconnect the illumination control switch connector (A).



8. If necessary, remove the screws, then remove the illumination control switch (A), and the driver's pocket (B) from the subdisplay visor (C).

Fastener Locations

► : Screw, 5



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

- Make sure the connector is plugged in properly.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.

Dashboard

Driver's Dashboard Lower Cover Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

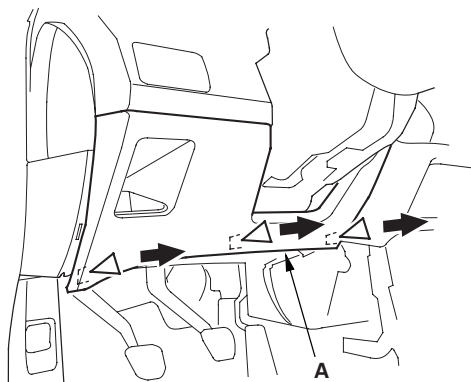
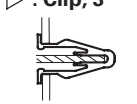
NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to scratch the dashboard and related parts.

1. Tilt the steering column fully upward.
2. Gently pull out on the lower edge of the dashboard lower cover (A) to detach the lower clips.

Fastener Locations

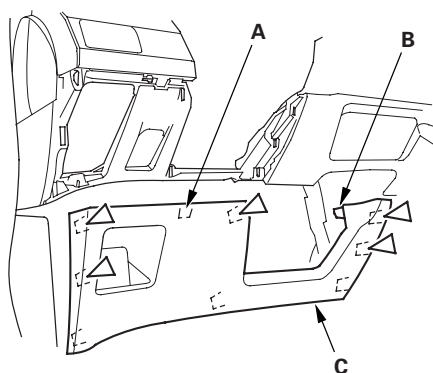
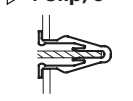
▷ : Clip, 3



3. Detach the upper clips, and release the hook (A) and the pin (B) by pulling the driver's dashboard lower cover (C) back.

Fastener Locations

▷ : Clip, 5



4. Install the lower cover in the reverse order of removal, and note these items:
 - If the clips are damaged or stress-whitened, replace them with new ones.
 - Push the clips into place securely.



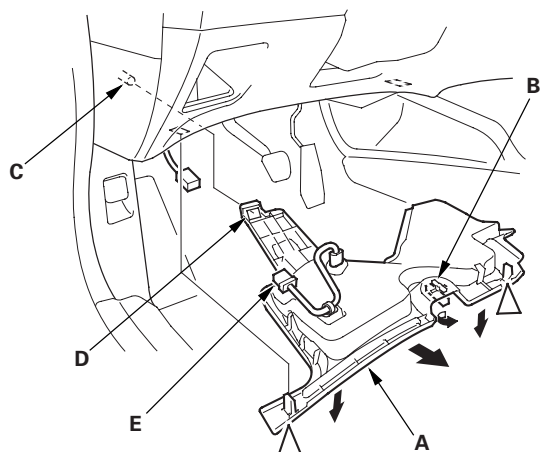
Driver's Dashboard Undercover Removal/Installation

NOTE: Take care not to scratch the dashboard and related parts.

1. Remove the driver's dashboard undercover (A).
 - 1 Turn the lock knob (B) 90 °.
 - 2 Gently pull down the rear edge to detach the clips.
 - 3 Pull the undercover away to release the pin (C) from the holder (D).
 - 4 For some models: If equipped with a foot light illumination, disconnect the foot light illumination connector (E).

Fastener Locations

▷ : Clip, 2



2. Install the undercover in the reverse order of removal, and note these items:
 - Make sure the foot light illumination connector is plugged in properly (for some models).
 - If the clips are damaged or stress-whitened, replace them with new ones.
 - Push the clips into place securely.

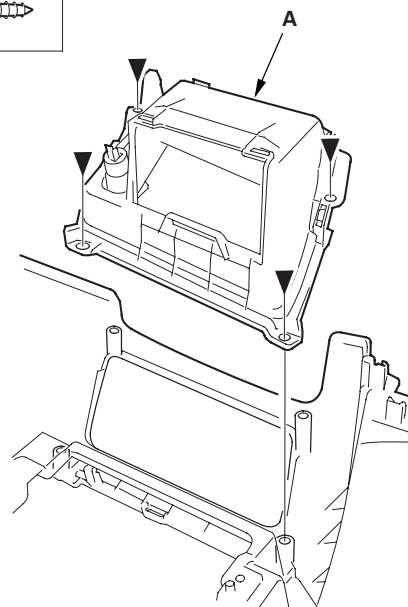
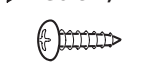
Center Pocket Removal/Installation

NOTE: Take care not to scratch the dashboard and related parts.

1. Disassemble the dashboard/steering hanger beam (see page 20-114).
2. Remove the screws, then remove the center pocket (A).

Fastener Locations

► : Screw, 4



3. Install the center pocket in the reverse order of removal.

Dashboard

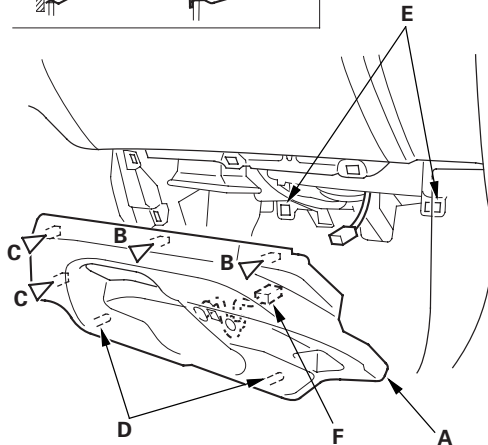
Passenger's Dashboard Undercover Removal/Installation

NOTE: Take care not to scratch the dashboard and related parts.

1. Remove the passenger's dashboard undercover (A).
 - 1 Gently pull out the rear edge to detach the clips (B, C).
 - 2 Pull the undercover away to release the pins (D) from the holders (E).
 - 3 For some models: If equipped with a foot light illumination, disconnect the foot light illumination connector (F).

Fastener Locations

B ▷ : Clip, 2 C ▷ : Clip, 2



2. Install the undercover in the reverse order of removal, and note these items:

- Make sure the foot light illumination connector is plugged in properly (for some models).
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.

Glove Box Removal/Installation

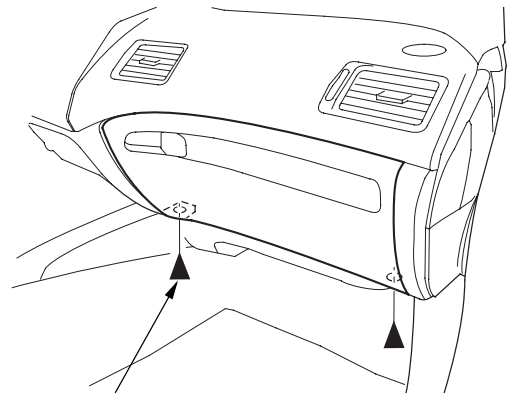
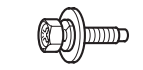
SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE: Take care not to scratch the dashboard and related parts.

1. Remove the bolts.

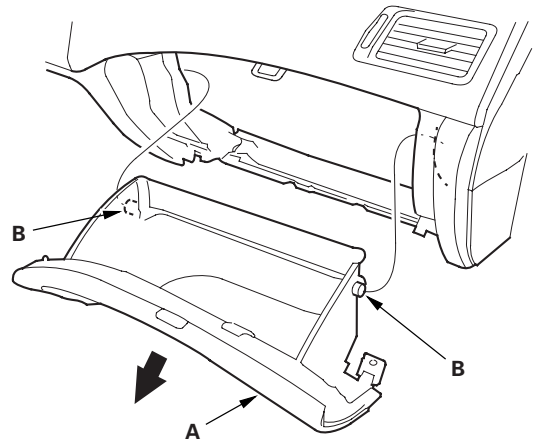
Fastener Locations

▶ : Bolt, 2



5 x 0.8 mm
5 N·m
(0.5 kgf·m, 4 lbf·ft)

2. While holding the glove box (A), release the glove box stop (B) on each side from the dashboard by pushing them in, then remove the glove box.



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



Dashboard Vent Removal/Installation

Special Tools Required

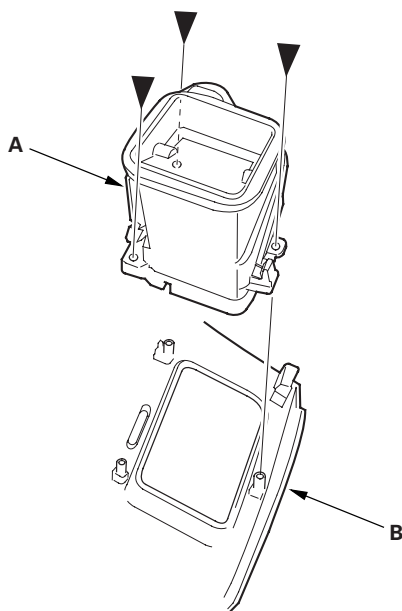
KTC trim tool set 07AAC-SEPA240

NOTE: Take care not to scratch the dashboard and related parts.

1. Remove the subdisplay visor (see page 20-100).
2. Remove the screws securing the driver's outer vent (A), then remove the driver's outer vent from the subdisplay visor (B).

Fastener Locations

► : Screw, 3



3. Install the outer vent in the reverse order of removal.

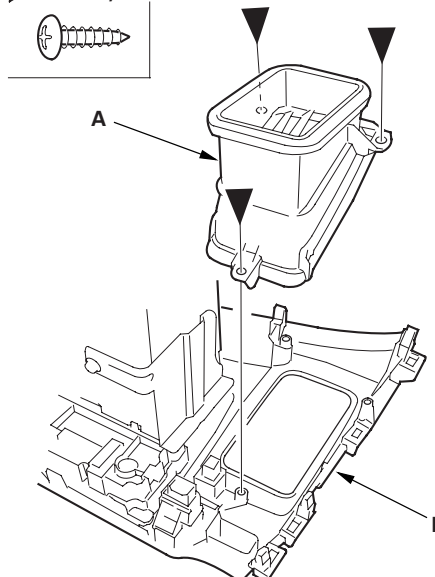
Driver's Center Vent

NOTE: Take care not to scratch the dashboard and related parts.

1. Remove these items:
 - Navigation unit, with navigation system
 - '06-08 models (see page 23-155)
 - '09 model (see page 23-355)
 - Audio unit, without navigation system
 - '06-08 models (see page 23-80)
 - '09 model (see page 23-256)
2. Remove the screws securing the driver's center vent (A), then remove the driver's center vent from the center panel (B).

Fastener Locations

► : Screw, 3



3. Install the center vent in the reverse order of removal.

(cont'd)

Dashboard

Dashboard Vent Removal/Installation (cont'd)

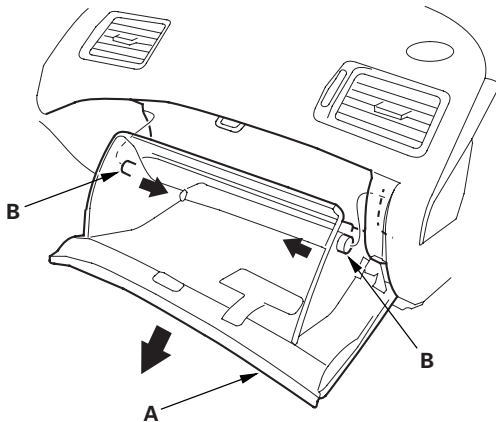
Passenger's Vent

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

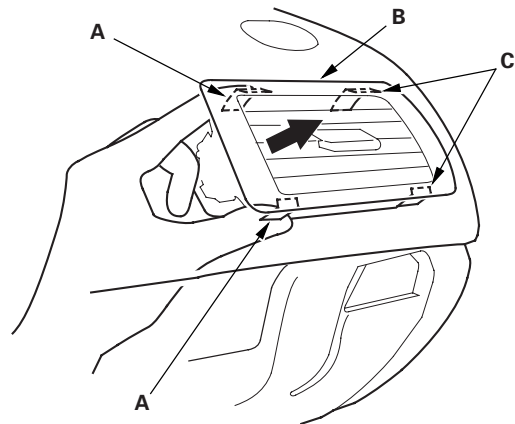
- Take care not to scratch the dashboard and related parts.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Put on gloves to protect your hands.

1. While holding the glove box (A), release the glove box stops (B) on each side from the dashboard by pushing them in.

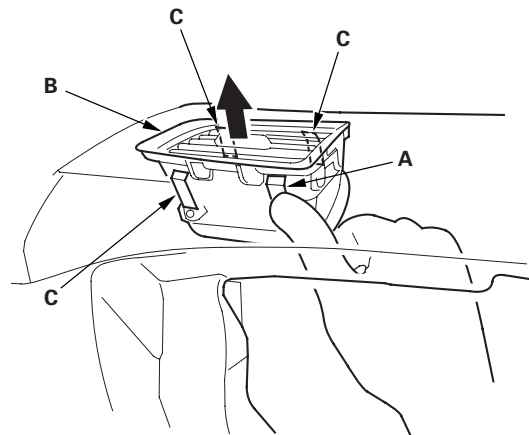


2. From inside the glove box opening, push on the side hooks (A) by hand to release them. Gently pull out the side vent (B) to release the other hooks (C), then remove the passenger's vent.

Outer



Center



3. Install the passenger's vents in the reverse order of removal.



Glove Box Striker Replacement

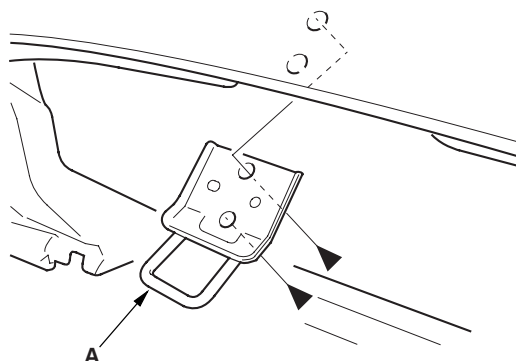
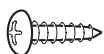
SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE: Take care not to scratch the dashboard and related parts.

1. While holding the glove box, release the glove box stop on each side from the dashboard by pushing them in.
2. Remove the screws, then remove the glove box striker (A).

Fastener Locations

► : Screw, 2



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

Dashboard Side Trim Removal/Installation

Special Tools Required

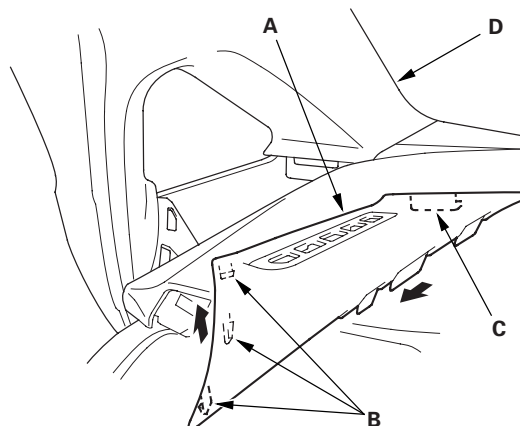
KTC trim tool set 07AAC-SEPA240

NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to scratch the dashboard and related parts.

1. Remove the dashboard side trim (A).

- 1 Gently pull up the rear edge to release the rear hooks (B).
- 2 Pull the trim away to release the front hook (C) from the A-pillar trim (D).



2. Install the side trim in the reverse order of removal.

Dashboard

Side Defogger Vent Trim Removal/Installation

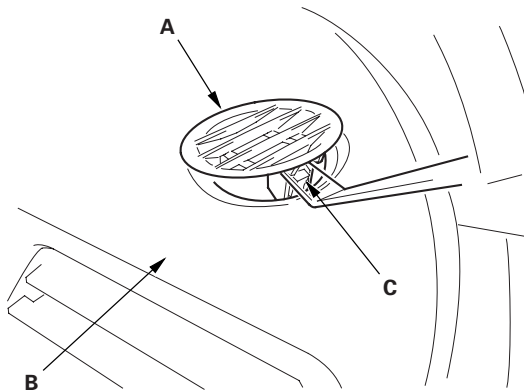
Special Tools Required

KTC trim tool set !07AAC-SEPA240

NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to scratch the dashboard and related parts.

1. Insert the trim tool into a gap between the side defogger vent trim (A) and the dashboard (B), and release the hook (C).



2. Install the side defogger vent trim in the reverse order of removal.

Dashboard/Steering Hanger Beam Removal/Installation

Special Tools Required

KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Have an assistant help you when removing and installing the dashboard/steering hanger beam.
- Take care not to scratch the dashboard, the body and other related parts.
- Put on gloves to protect your hands.

1. Do the battery terminal disconnection procedure (see page 22-68), and wait at least 3 minutes before beginning work.

2. Remove these items:

- Driver's dashboard lower cover (see page 20-102)
- Driver's dashboard undercover (see page 20-103)
- Passenger's dashboard undercover (see page 20-104)
- Center console (see page 20-92)
- Glove box (see page 20-104)
- Kick panel, both sides (see page 20-66)
- A-pillar trim, both sides (see page 20-69)
- Steering column (see page 17-10)
- EPS control unit (see page 17-84)

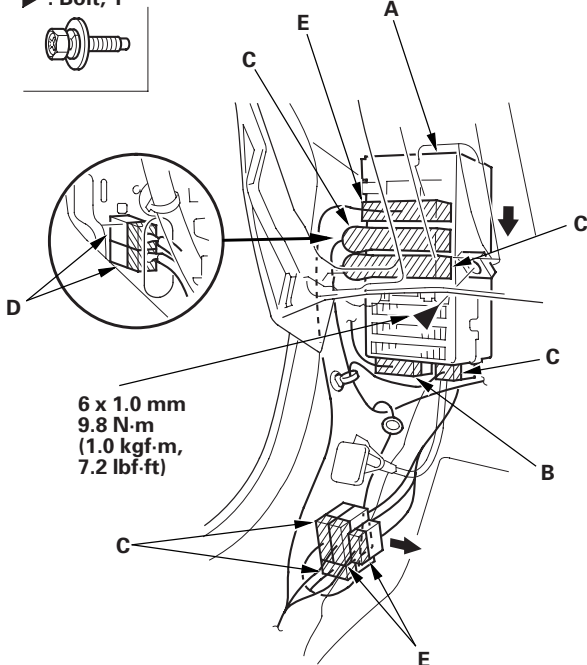


Driver's side

3. Remove the bolt securing the under-dash fuse/relay box (A). Disconnect the roof wire harness connector (B), then lower the box.

Fastener Location

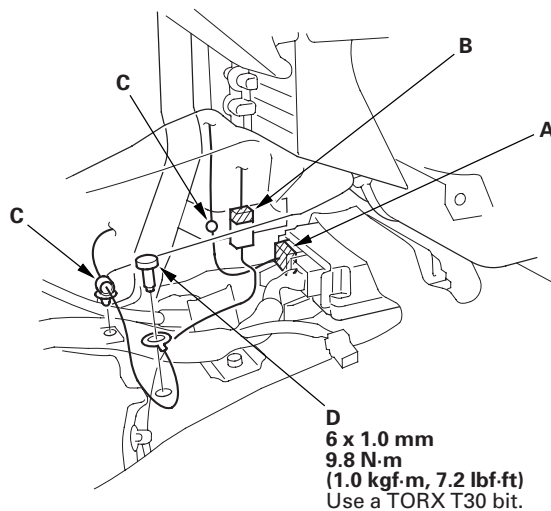
► : Bolt, 1



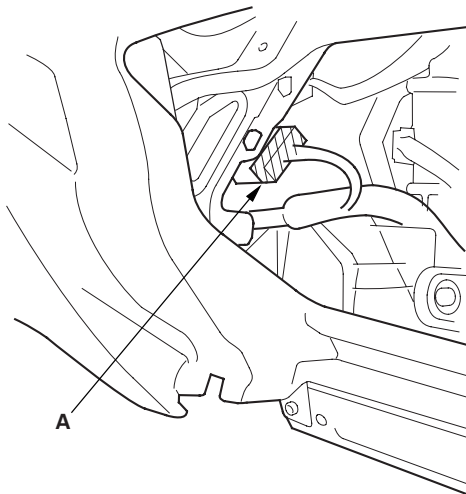
4. From under the dash, disconnect the engine compartment wire harness connectors (C), driver's door wire harness connectors (D), and the floor wire harness connectors (E) from the dashboard wire harness connectors or the under-dash fuse/relay box.

Middle portion

5. Disconnect the SRS unit connector A, the antenna connector (B), and detach the wire harness clips (C). Remove the ground bolt (D) with a TORX T30 bit.



6. Disconnect the A/C subharness connector (A) in the glove box opening.



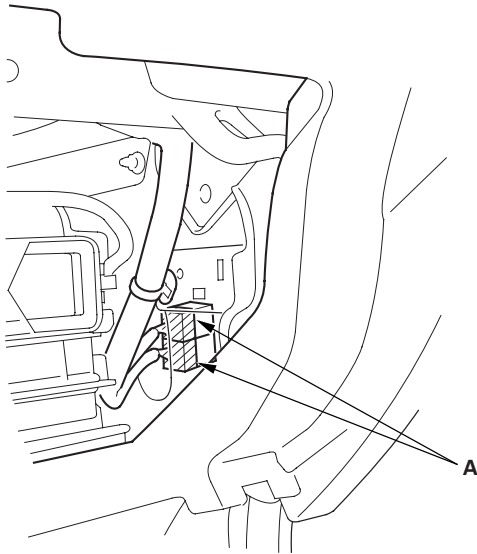
(cont'd)

Dashboard

Dashboard/Steering Hanger Beam Removal/Installation (cont'd)

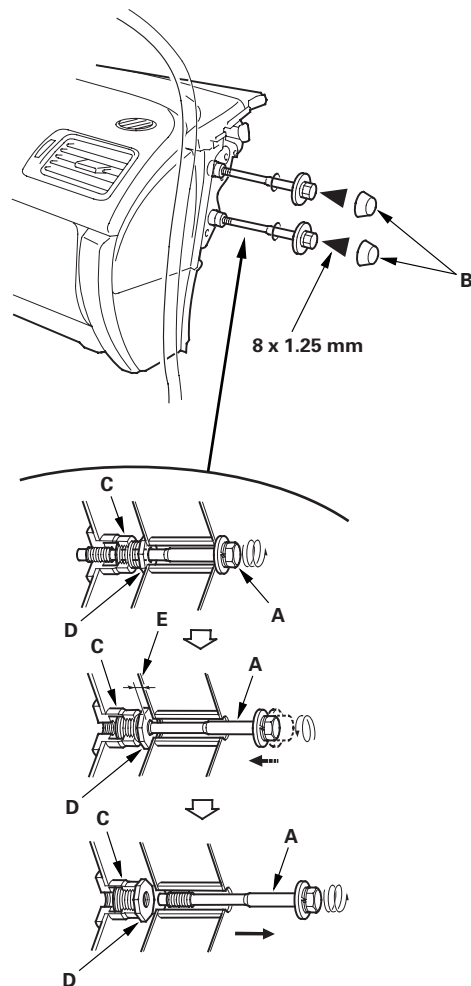
Passenger's side

7. From under the dash, disconnect the passenger's door wire harness connectors (A).



8. Remove the special bolts (A) from outside the passenger's door.

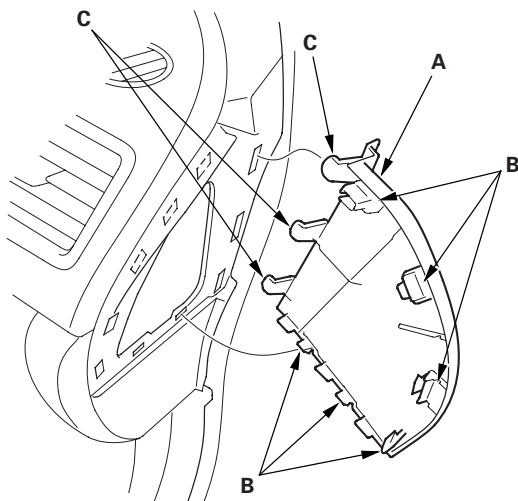
- 1 Remove the caps (B).
- 2 Loosen the special bolts until they disengage from the threads on the hanger beam sleeves (C). Continue loosening the bolts until they engage the inside threads of the adjusting nuts (D). The thread lock on the special bolts makes the special bolts and the adjusting nuts turn together.
- 3 Tighten the special bolts to turn the adjusting nuts until they bottom in the sleeves. This creates a gap (E) between the adjusting nuts and the body.
- 4 Loosen the special bolts to disengage them from the adjusting nuts. Remove the special bolts.



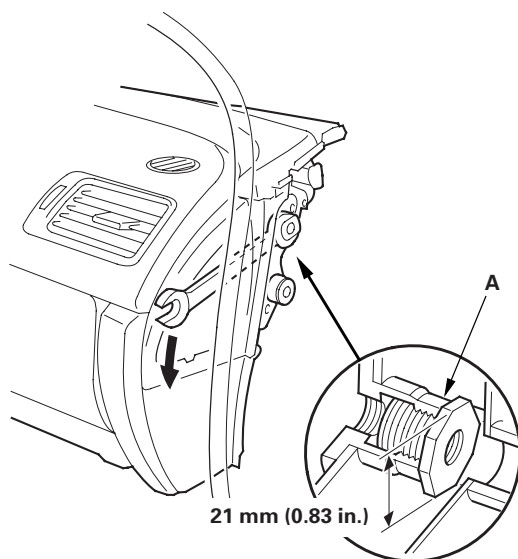


9. If necessary, remove the dashboard side cover (A).

- 1 Gently pull out along the rear edge to release the hooks (B).
- 2 Gently pull out on the side cover to release the hooks (C), then remove the side cover.



10. If the adjusting nuts (A) are not screwed fully into the sleeve after removing the special bolts, screw the externally threaded nuts into the sleeves with a 21 mm open-end wrench. In this case, the special bolts should be replaced with new ones because the thread lock is worn out.



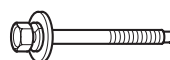
11. Remove the caps (A), then remove the bolts (B, C, D) from outside the driver's door.

Fastener Locations

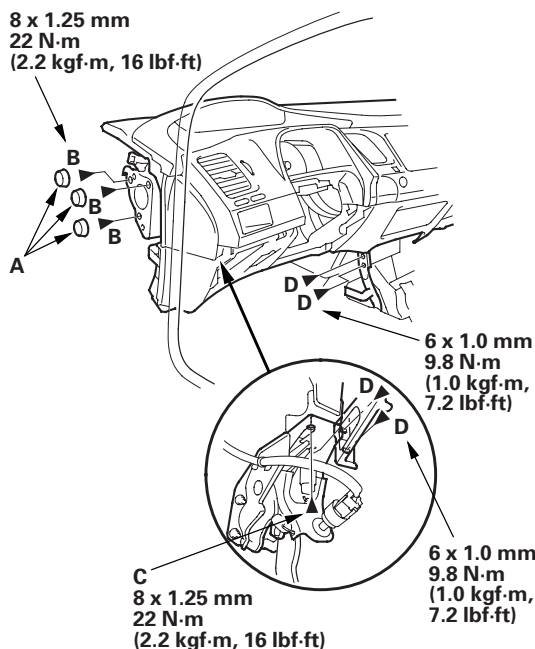
B ► : Bolt, 3

C ► : Bolt, 1

D ► : Bolt, 4



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



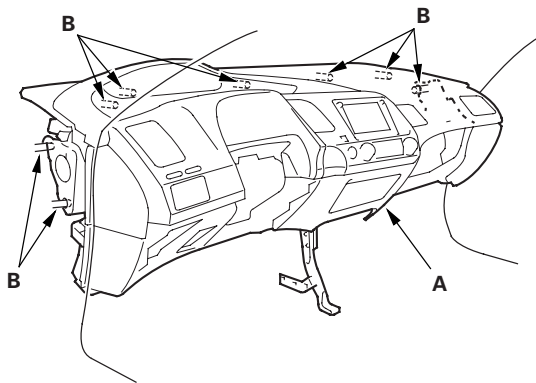
(cont'd)

Dashboard

Dashboard/Steering Hanger Beam Removal/Installation (cont'd)

12. Lift up on the dashboard (A) to release it from the guide pins (B). Carefully remove the dashboard through the front door opening. Take care not to scratch the body with the adjusting nuts on the passenger's side.

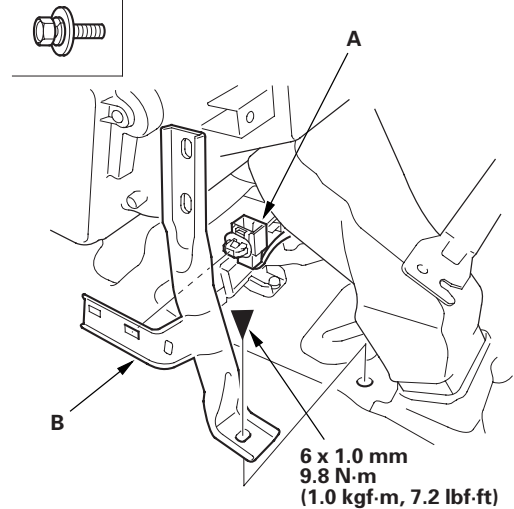
NOTE: Do not rest the dashboard on its lower center cover opening, or it may be damaged. Lay it on its front or back.



13. Remove the bolt and detach the connector clip (A), then remove the center pipe extension (B).

Fastener Location

► : Bolt, 1

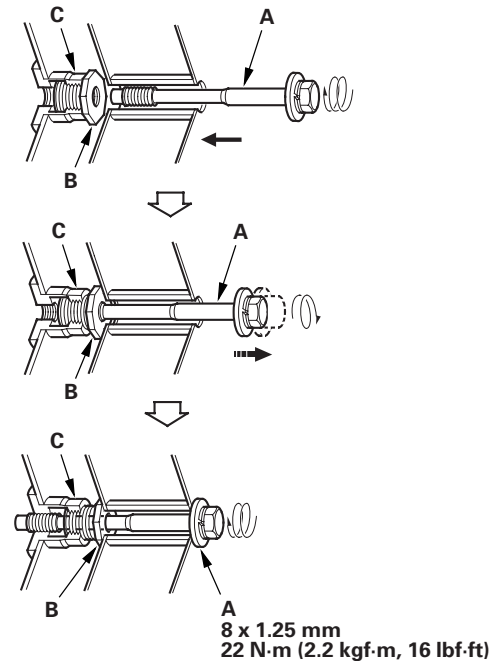




14. Install the dashboard in the reverse order of removal, and note these items:

- Before tightening the bolts, make sure the wire harnesses are not pinched.
- Make sure the connectors are plugged in properly, and the antenna lead and each cable are connected properly.
- Before reinstalling the dashboard, screw the special bolts (A) into the adjusting nuts (B), and check that they turn together. If they do not turn together, replace the special bolts.
- After setting the dashboard in the body, reinstall all of the mounting bolts but do not tighten them. First tighten the driver's side bracket bolts to the specified torque. Next, loosen the special bolts to turn the adjusting nuts out of the sleeves (C) until the nuts contact the body. Then tighten the special bolts to the specified torque.
- Tighten all remaining mounting bolts to the specified torque.
- Apply medium strength liquid thread lock to the bolts securing the center bracket and the dashboard before reinstallation.
- Check for any DTCs that may have been set during repairs, and clear them.
- Do the battery terminal reconnection procedure (see page 22-68).

Special bolt tightening on passenger's side



Dashboard

Dashboard/Steering Hanger Beam Disassembly/Reassembly

Special Tools Required

KTC trim tool set 07AAC-SEPA240

NOTE:

- Put on gloves to protect your hands.
- Take care not to scratch the dashboard and related parts.
- Take care not to bend the brackets.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Remove the dashboard/steering hanger beam (see page 20-108).

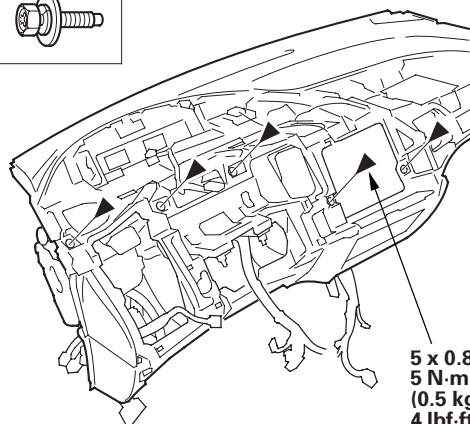
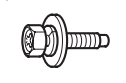
2. Remove these items from the dashboard:

- Instrument panel (see page 20-98)
- Gauge control module (speedo) trim (see page 20-99)
- Subdisplay visor (see page 20-100)
- Navigation unit, with navigation system
 - '06-08 models (see page 23-155)
 - '09 model (see page 23-355)
- Audio unit, without navigation system
 - '06-08 models (see page 23-80)
 - '09 model (see page 23-256)
- Passenger's airbag (see page 24-189)
- Gauge control module (speedo) (see page 22-277)
- Gauge control module (tach) (see page 22-277)

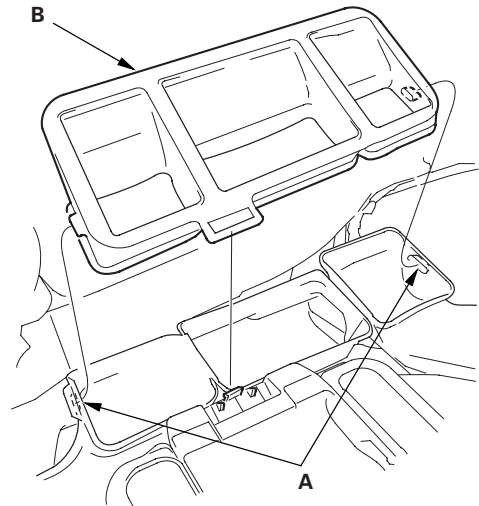
3. Remove the bolts.

Fastener Locations

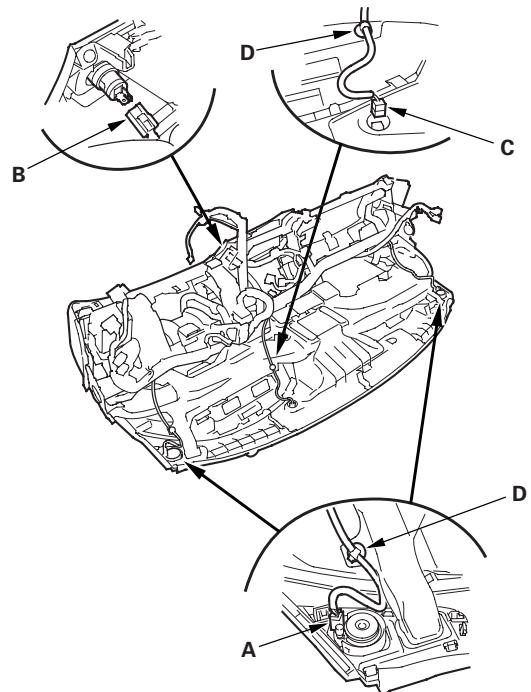
► : Bolt, 5



4. From the back of the dashboard, release the hooks (A), then remove the center joint duct (B).



5. From the back of the dashboard, disconnect the tweeter connectors (A), the front accessory power socket connector (B), and the sunlight sensor connector (C), then detach the harness clips (D).



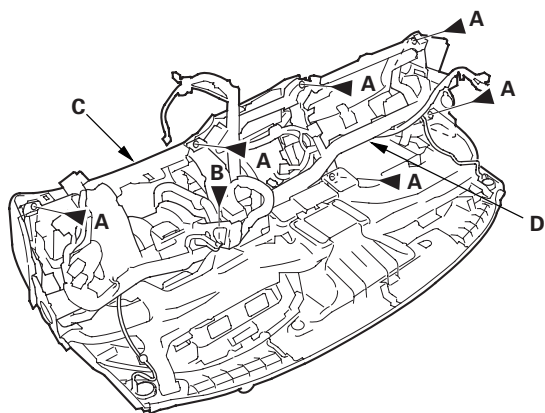


6. From the back of the dashboard, remove the screws (A, B), then separate the dashboard (C) from the steering hanger beam (D).

Fastener Locations

A ▶ : Screw, 6
(Silver)

B ▶ : Screw, 1
(Black)

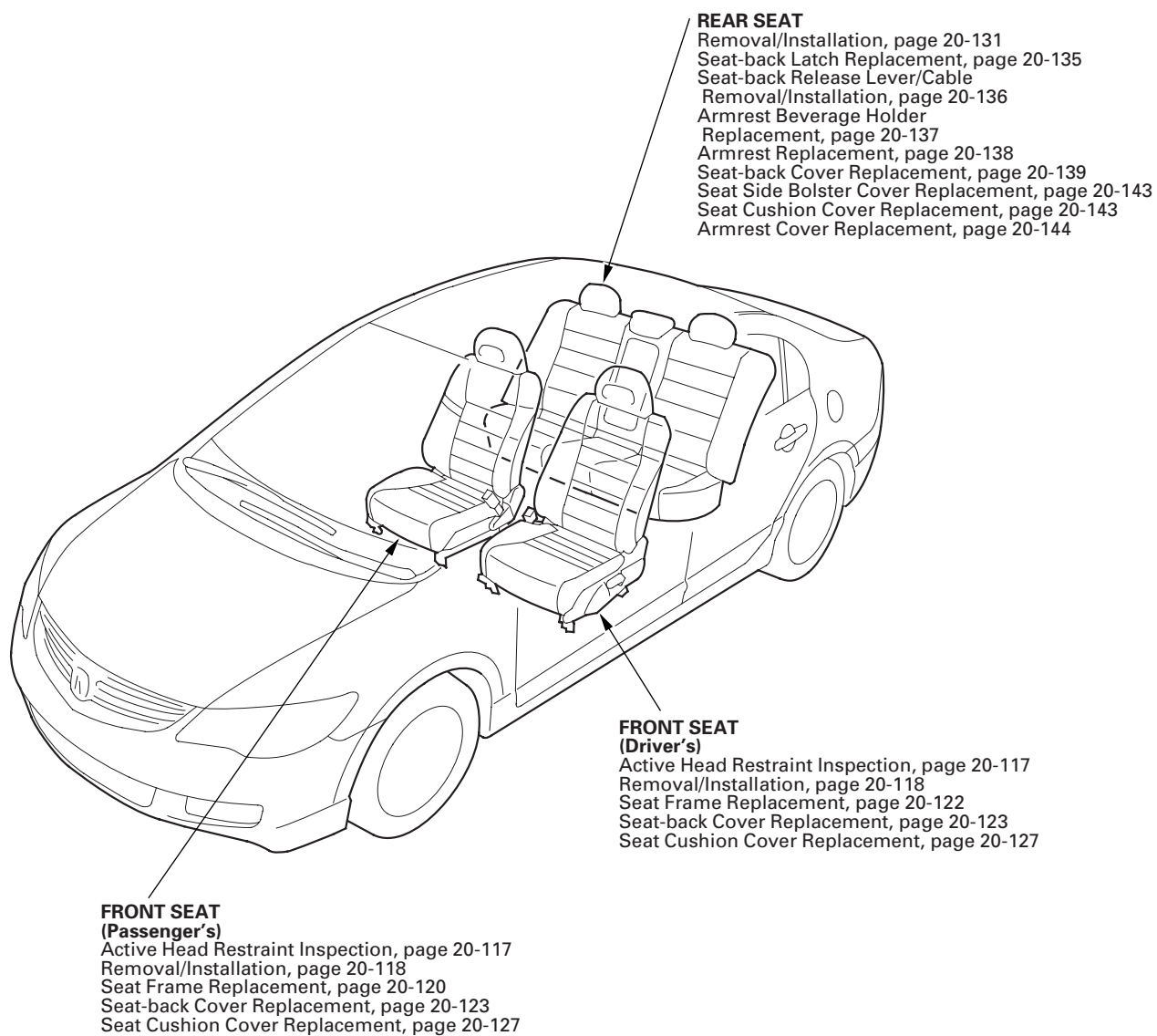


7. Assemble the dashboard and steering hanger beam in the reverse order of disassembly, and note these items:

- Make sure the dashboard wire harness is not pinched.
- Make sure the connectors are plugged in properly.

Seats

Component Location Index



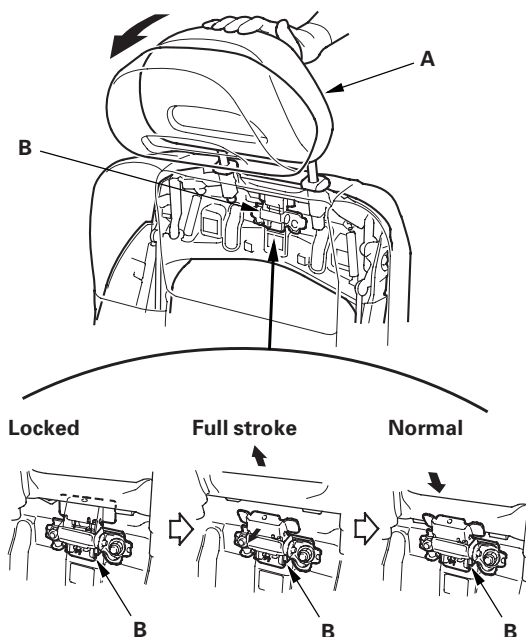


Front Seat Active Head Restraint Inspection

NOTE: If the vehicle has been in a collision, always inspect the active head restraint, even if they appear reusable, by doing the following procedure.

Resetting Head Restraint Position

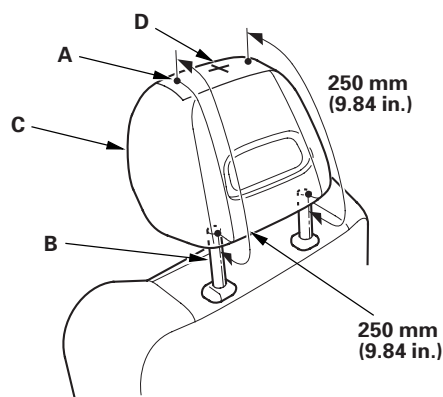
1. Push the head restraint (A) forward fully from the locked position to release the inertial lock (B).



2. Slowly raise the head restraint into the normal position.

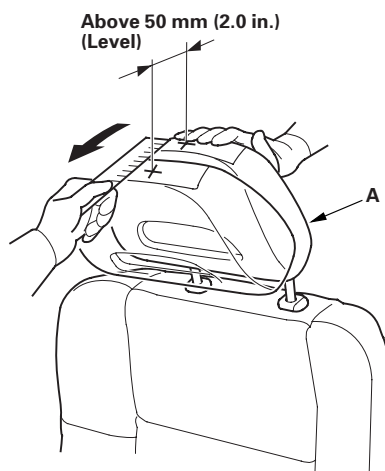
Inspection

3. Fold the seat-back forward, then recline the seat-back to the first lock position, and adjust the head restraint to the highest position.
4. Apply masking tape on the top of the head restraint.
5. Make marks (A) on both sides at 250 mm (9.84 in.) upward from the roots of the head restraint frame (B) along the back of the head restraint (C) surface. Make a center of these points as a datum point (D).



6. Push the head restraint (A) forward, and measure the level amount of the head restraint movement. The head restraint should move more than 50 mm (2.0 in.) without resistance. If it is less than 50 mm (0.2 in.), or the head restraint does not move smoothly, replace the seat frame assembly:

- Passenger's seat (see page 20-120)
- Driver's seat (see page 20-122)



Seats

Front Seat Removal/Installation

Special Tools Required

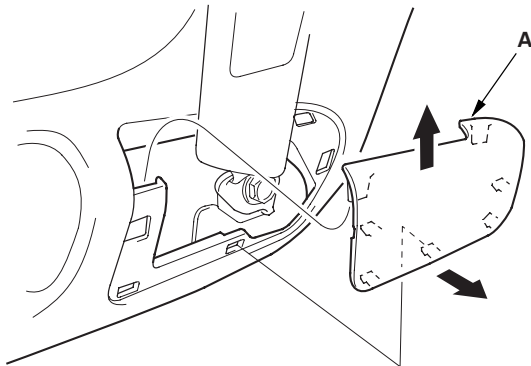
KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

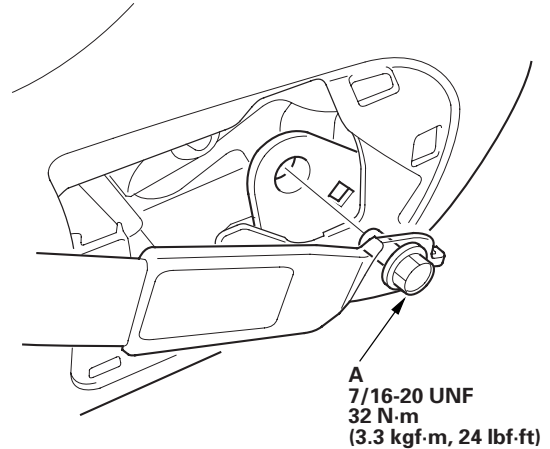
NOTE:

- 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 scratch the body or tear the seat covers.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

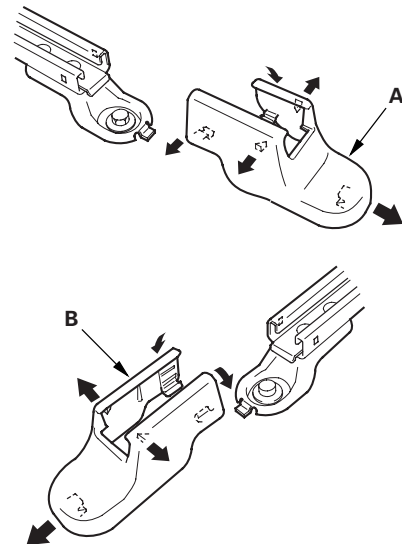
1. Do the battery terminal disconnection procedure (see page 22-68), and wait at least 3 minutes before beginning work.
2. Tilt the steering wheel all the way up, and push it all the way in. Adjust the seat-back recline to a middle position.
3. Slide the front seat forward fully. Carefully pry up on the bottom edge of the anchor cover (A) to release the hooks, and remove the cover.



4. Remove the lower anchor bolt (A).



5. Remove the seat track outer end covers (A) and the seat track center end covers (B) from the back of both seat tracks.

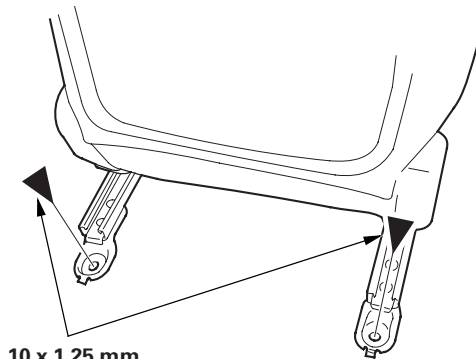
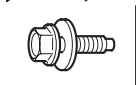




6. Remove the rear seat track bolts.

Fastener Locations

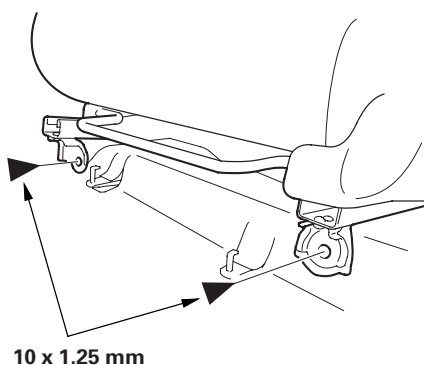
► : Bolt, 2



7. Slide the front seat rearward fully, and remove the front seat track bolts.

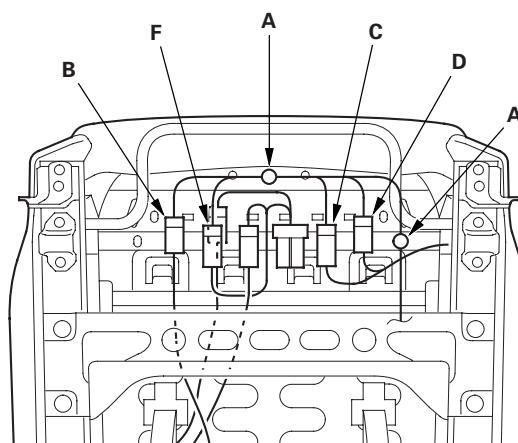
Fastener Locations

► : Bolt, 2

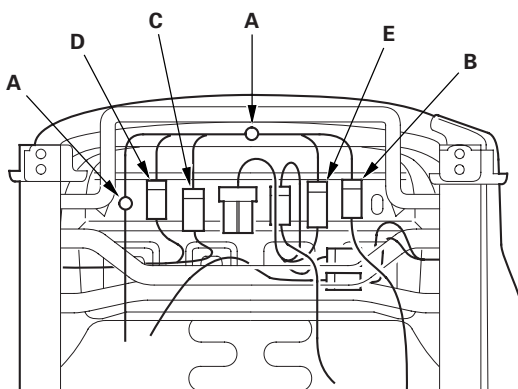


8. Lift up the front seat, then detach the harness clips (A), and disconnect the side airbag connector (B), the seat belt switch connector (C), and the seat belt buckle tensioner connector (D). On the driver's seat, disconnect the seat heater subharness connector (E) or the seat position sensor connector. On the passenger's seat, disconnect the seat heater subharness connector (F) or the ODS unit subharness connector.

Passenger's seat



Driver's seat



(cont'd)

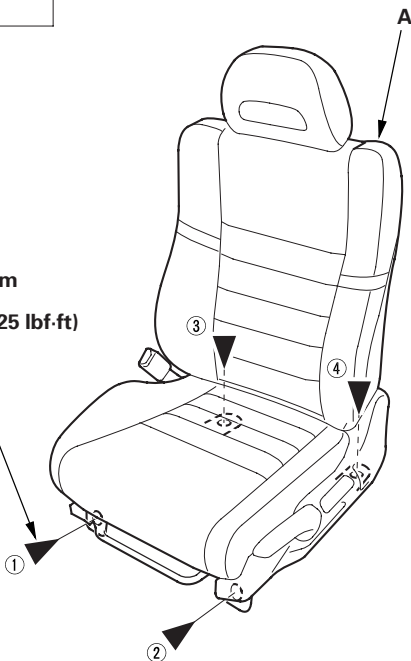
Seats

Front Seat Removal/Installation (cont'd)

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:
 - Apply medium strength liquid thread lock to the seat mounting bolts before reinstallation.
 - Tighten the seat mounting bolts to the specified torque in the sequence shown. Slide the seat (A) all the way back and tighten ① and ②, then slide it forward and tighten ③ and ④. The driver's seat is shown; the passenger's seat is similar.
 - Tighten the bolts by hand first, then tighten them to specification with a torque wrench.
 - Make sure each connector is plugged in properly.
 - Check for any DTCs that may have been set during repairs, and clear them.
 - Do the battery terminal reconnection procedure (see page 22-68).

Fastener Locations

► : Bolt, 4



Front Seat Frame Replacement

Passenger's Seat

Calibrate the ODS unit after any of these actions (see page 24-27):

- Front passenger's seat replacement (including any seat components)
- Replacement of the front seat weight sensors
- After a vehicle collision

NOTE:

- Put on gloves to protect your hands.
- Apply oil to the pivot portions of the slide locks.
- Apply multipurpose grease to the sliding portions of the seat tracks.
- If the side airbag has deployed, replace the seat frame and related pieces with new ones (see page 24-185).

1. Remove the front seat (see page 20-118).

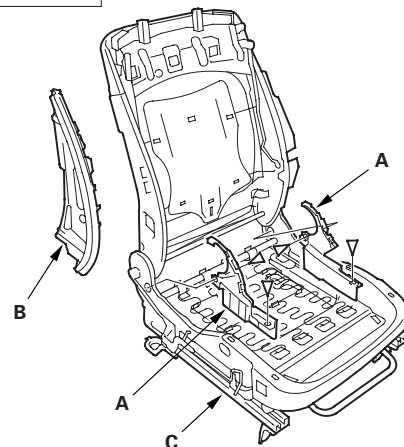
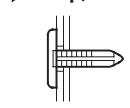
2. Remove these items:

- Front seat-back cover (see page 20-123)
- Front seat cushion cover (see page 20-127)
- ODS unit (see page 24-209)
- Front seat belt buckle (see page 24-6)

3. Remove the clips, then remove the recline inner covers (A) and module holder (B) from the seat frame (C).

Fastener Locations

▷ : Clip, 4



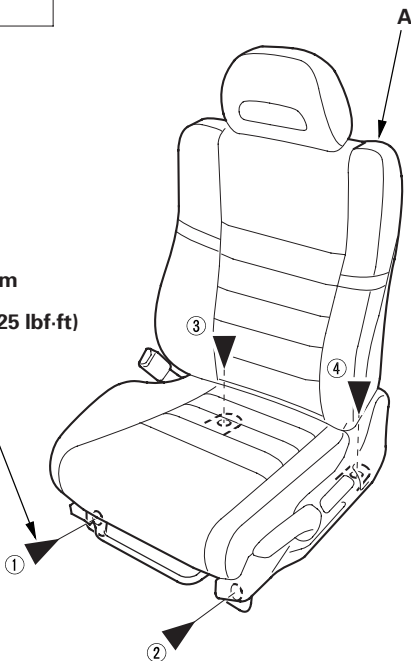
Seats

Front Seat Removal/Installation (cont'd)

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:
 - Apply medium strength liquid thread lock to the seat mounting bolts before reinstallation.
 - Tighten the seat mounting bolts to the specified torque in the sequence shown. Slide the seat (A) all the way back and tighten ① and ②, then slide it forward and tighten ③ and ④. The driver's seat is shown; the passenger's seat is similar.
 - Tighten the bolts by hand first, then tighten them to specification with a torque wrench.
 - Make sure each connector is plugged in properly.
 - Check for any DTCs that may have been set during repairs, and clear them.
 - Do the battery terminal reconnection procedure (see page 22-68).

Fastener Locations

► : Bolt, 4



Front Seat Frame Replacement

Passenger's Seat

Calibrate the ODS unit after any of these actions (see page 24-27):

- Front passenger's seat replacement (including any seat components)
- Replacement of the front seat weight sensors
- After a vehicle collision

NOTE:

- Put on gloves to protect your hands.
- Apply oil to the pivot portions of the slide locks.
- Apply multipurpose grease to the sliding portions of the seat tracks.
- If the side airbag has deployed, replace the seat frame and related pieces with new ones (see page 24-185).

1. Remove the front seat (see page 20-118).

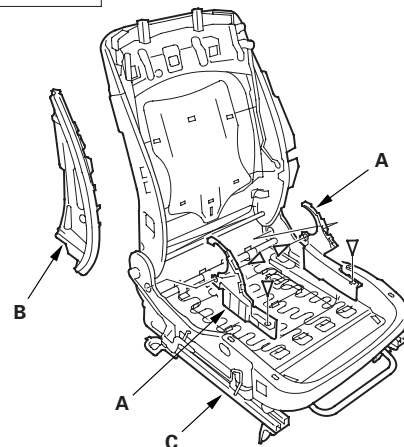
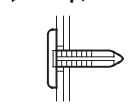
2. Remove these items:

- Front seat-back cover (see page 20-123)
- Front seat cushion cover (see page 20-127)
- ODS unit (see page 24-209)
- Front seat belt buckle (see page 24-6)

3. Remove the clips, then remove the recline inner covers (A) and module holder (B) from the seat frame (C).

Fastener Locations

▷ : Clip, 4

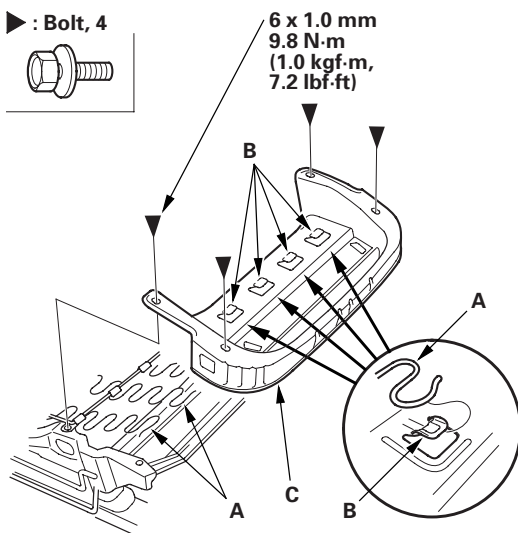
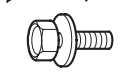




4. Remove the bolts, and release the seat cushion springs (A) from the hooks (B), then remove the seat cushion frame (C).

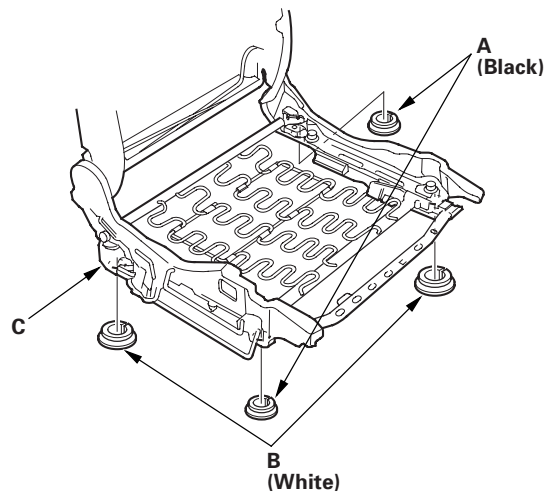
Fastener Locations

► : Bolt, 4



5. Remove the front seat weight sensors (see page 24-207).

6. If necessary, remove the bushing (A, B) from the seat cushion frame (C).



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

- Make sure the ODS unit connector is plugged in properly.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.
- Make sure the seat wiring harnesses are routed properly and are not pinched.
- Calibrate the ODS unit, if necessary (see page 24-27).

Seats

Front Seat Frame Replacement (cont'd)

Driver's Seat

Check the operation of the driver's seat position sensor after any of these actions (see page 24-29):

- Driver's seat position sensor replacement
- Cover plate (front side of driver's seat slide rail) replacement

NOTE:

- Put on gloves to protect your hands.
- Apply oil to the pivot portions of the slide lock.
- Apply multipurpose grease to the sliding portions and pivot portions of the seat tracks.
- If the side airbag has deployed, replace the seat frame and related pieces with new ones (see page 24-185).

1. Remove the front seat (see page 20-118).

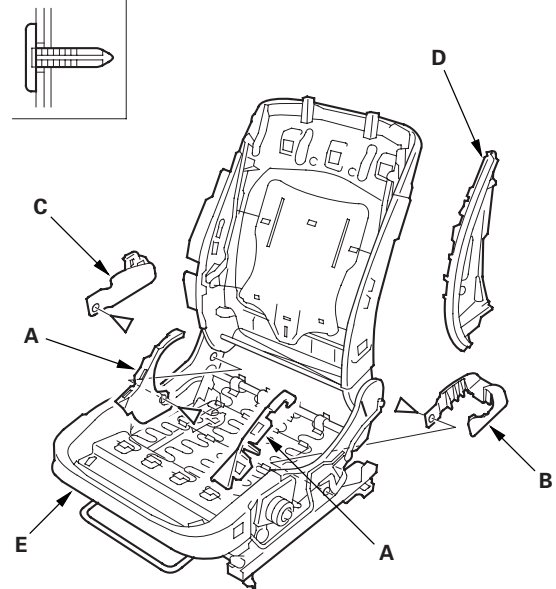
2. Remove these items:

- Front seat-back cover/pad (see page 20-123)
- Front seat cushion cover/pad (see page 20-127)
- Driver's seat position sensor (see page 24-211)
- Front seat belt buckle (see page 24-6)

3. Remove the clips, then remove the recline inner covers (A), the outer upper rail cover (B), the inner upper rail cover (C) and the module holder (D) from the seat frame (E).

Fastener Locations

▷ : Clip, 3



4. Install the new seat frame in the reverse order of removal, and note these items:

- Make sure the driver's seat position sensor connector is plugged in properly.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.
- Make sure the seat wiring harnesses are routed properly and not pinched.



Front Seat-back Cover Replacement

Special Tools Required

KTC trim tool set 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

- Check the operation of the driver's seat position sensor after any of these actions (see page 24-29):
 - Driver's seat position sensor replacement
 - Cover plate (front side of driver's seat slide rail) replacement
- Calibrate the ODS unit after any of these actions (see page 24-27):
 - Front passenger's seat replacement (including any seat components)
 - Replacement of the front seat weight sensors
 - After a vehicle collision

NOTE:

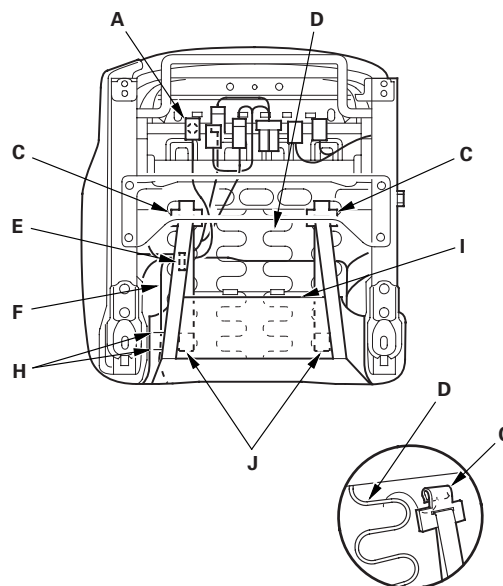
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to tear or damage the seat covers.
- On the passenger's seat, do not touch the OPDS sensor in the seat-back pad, and keep it away from oil. Oil can corrode the sensor caution it to fail.
- Put on gloves to protect your hands.

1. Remove the front seat (see page 20-118).

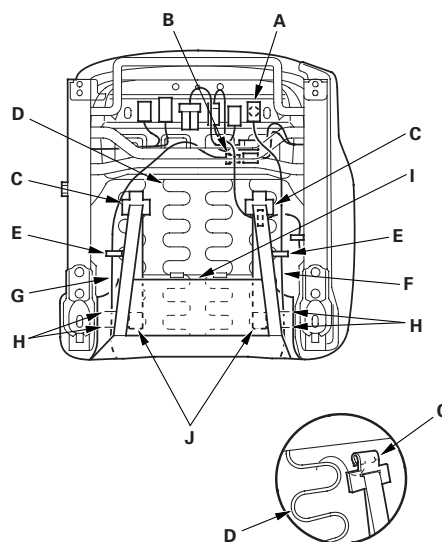
2. Remove the head restraint.

3. From under the seat cushion, detach the side airbag connector clip (A). On the driver's seat, disconnect the seat-back heater connector (B).

Passenger's seat



Driver's seat



4. Release the hooks (C) from the seat cushion frame spring (D). Remove the wire ties (E), and pull the side airbag harness (F) and the seat-back heater harness (G) (driver's seat) out through the slits (H) in the seat cushion cover (I). Turn over the seat cushion cover, and release the hooks (J).

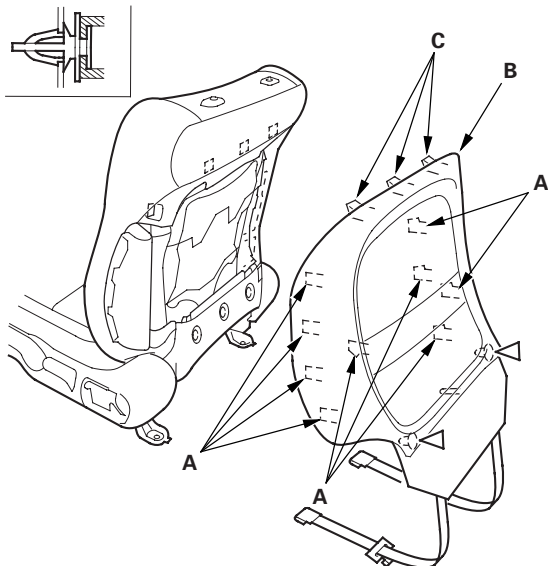
(cont'd)

Front Seat-back Cover Replacement (cont'd)

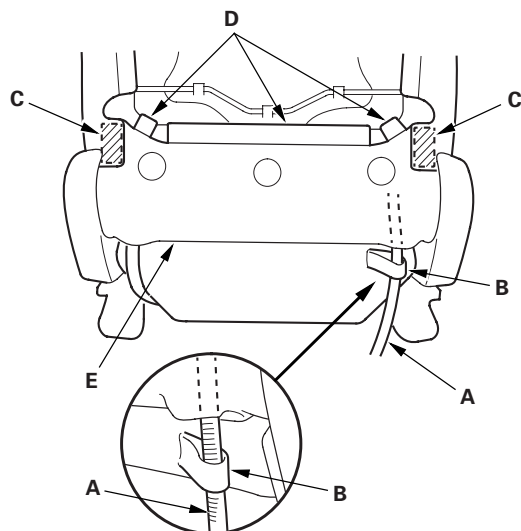
- Detach the clips and the hooks (A) by pulling out the bottom of the back cover (B), then gently pull down the panel to release the hooks (C) from the seat frame, and remove the cover.

Fastener Locations

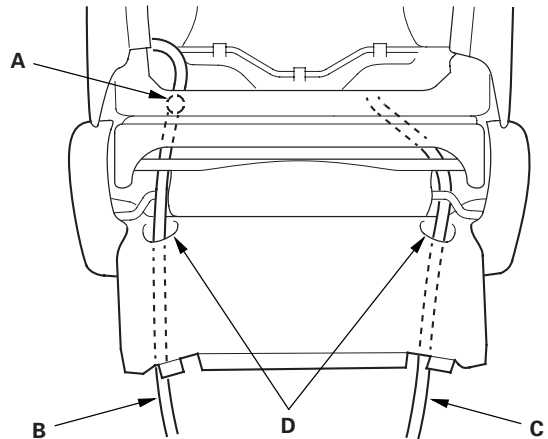
▷ : Clip, 2



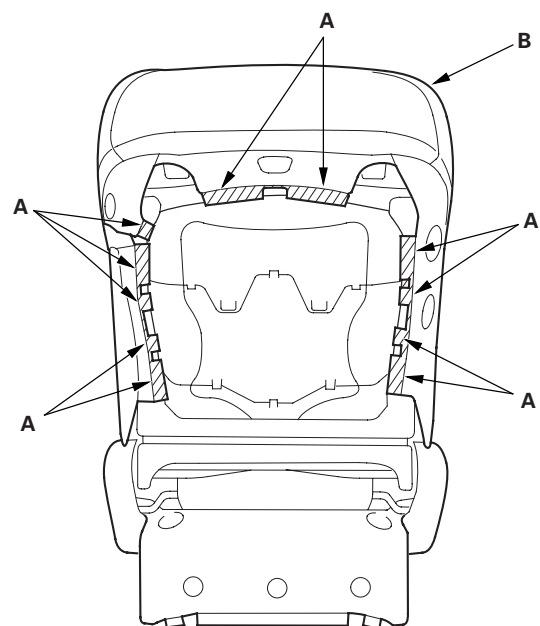
- Pull the side airbag harness (A) out through the loop (B), and release the Velcro fastener (C) and the hooks (D), then pull the seat-back cover (E) back.



- Detach the harness clip (A), and pull the side airbag harness (B) and seat-back heater harness (C) (driver's seat) out through the harness holes (D) in the seat-back cover and seat frame. Driver's seat is shown; passenger's seat is similar.

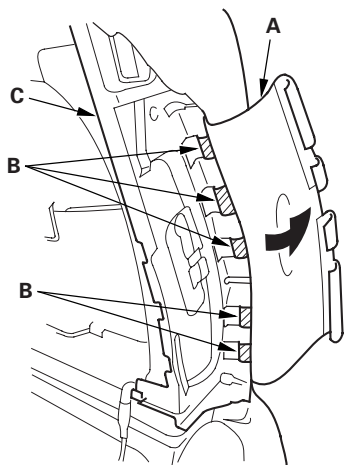


- Remove the side airbag (see page 24-191).
- Release the hook strips (A), then loosen the seat-back cover (B). Driver's seat is shown; passenger's seat is similar.

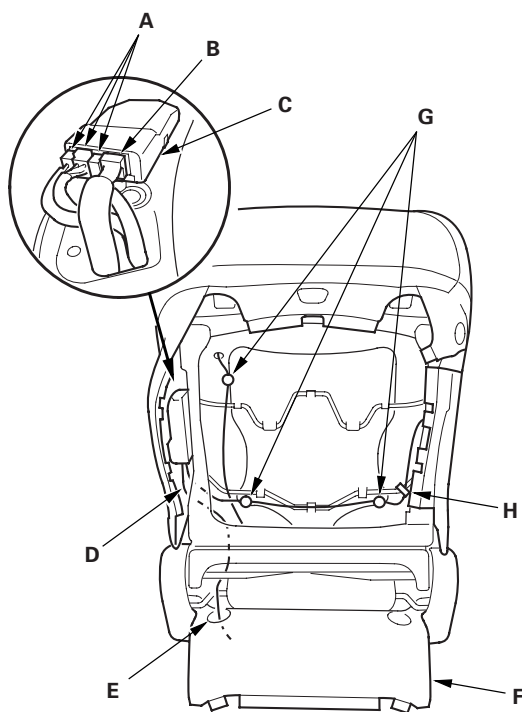




10. Turn over the reinforcing cloth (A), then release the hooks (B) from the side airbag module holder (C). Passenger's seat is shown; driver's seat is similar.

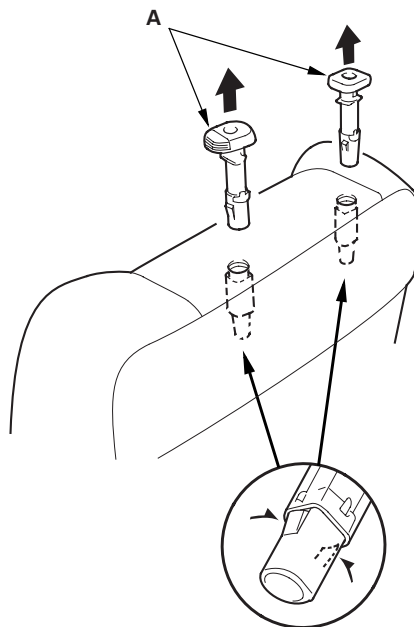


11. Passenger's seat: Disconnect the OPDS sensor connectors (A) and the ODS unit subharness connector (B) from the ODS unit (C), and pull them in through the hole in the seat frame. Pull the ODS unit subharness (D) out through the harness hole (E) in the seat-back cover (F). Detach the harness clips (G), and remove the wire tie (H).

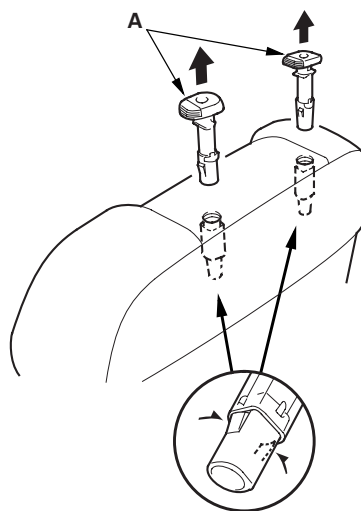


12. Pinch the tabs on the ends of the head restraint guides (A), and remove them from the seat-back.

'06-07 models



'08-09 model

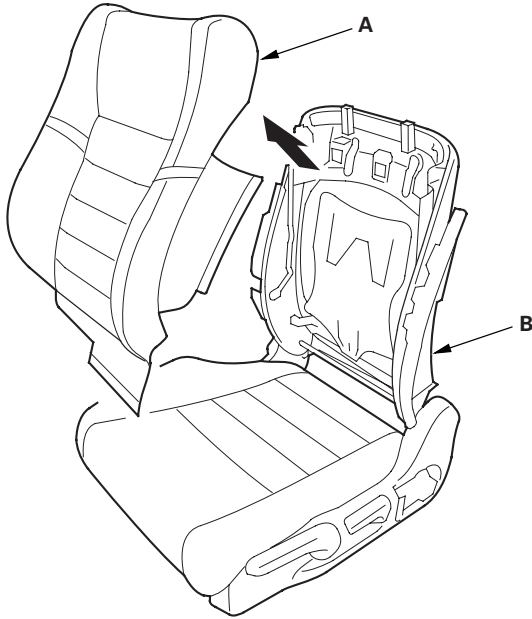


(cont'd)

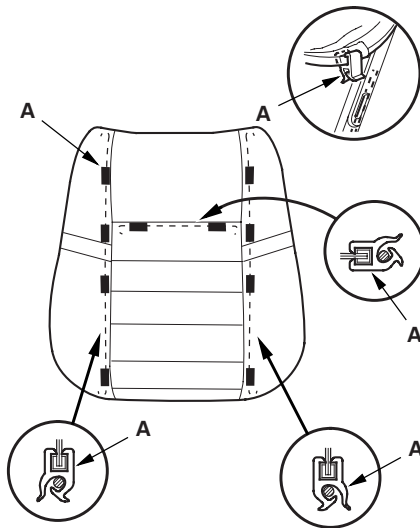
Seats

Front Seat-back Cover Replacement (cont'd)

13. Remove the seat-back cover/pad (A) from the seat frame (B).

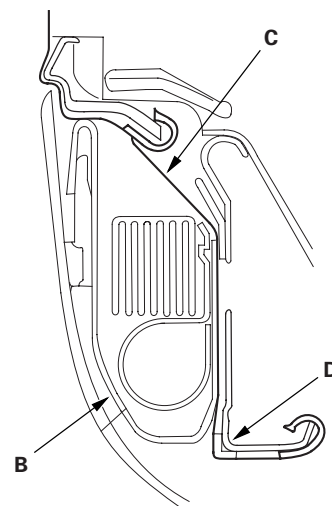
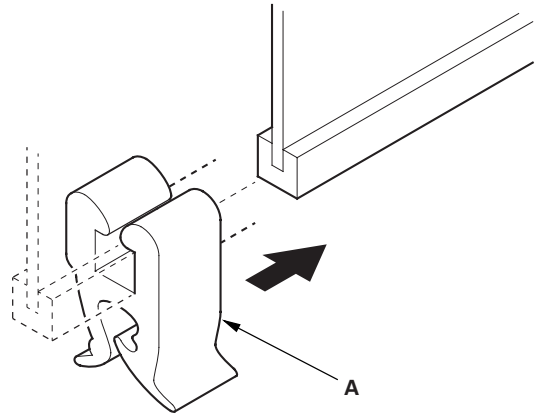


14. Pull back the edge of the seat-back cover all the way around, and release the clips (A), then remove the seat-back cover.



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

- Reinitialize the ODS unit (see page 24-26).
- To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the clips, the hooks, and the hook strips.
- Replace any clips (A) you removed with new ones.
- Before installing the side airbag (B), make sure the reinforcing cloth (C) is fixed on the seat-back frame (D) securely.
- Make sure the side airbag harness, and the seat heater harness (some driver's seat) or the ODS unit subharness (passenger's seat) are routed properly.





Front Seat Cushion Cover Replacement

Special Tools Required

KTC trim tool set : 07AAC-SEPA240

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

- Check the operation of the driver's seat position sensor after any of these actions (see page 24-29):
 - Driver's seat position sensor replacement
 - Cover plate (front side of driver's seat slide rail) replacement
- Calibrate the ODS unit after any of these actions (see page 24-27):
 - Front passenger's seat replacement (including any seat components)
 - Replacement of the front seat weight sensors
 - After a vehicle collision

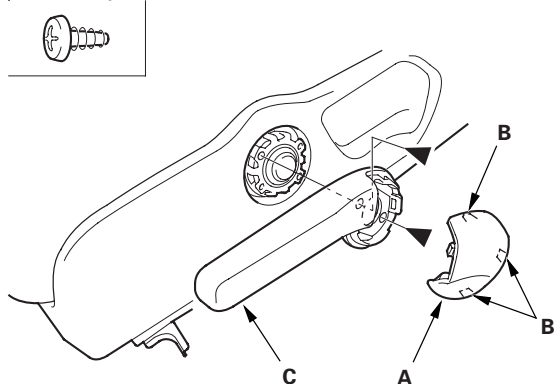
NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to tear or damage the seat covers.
- Put on gloves to protect your hands.

1. Remove the front seat (see page 20-118).
2. Remove the front seat belt buckle (see page 24-6).
3. Pull back the cap (A) to release the hooks (B), and remove the screws, then remove the height adjuster handle (C).

Fastener Locations

► : Screw, 2

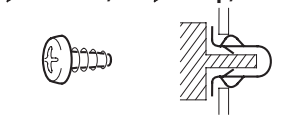


4. Remove the recline cover (A).

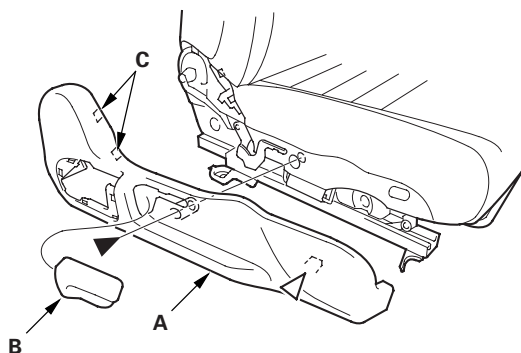
- 1 Remove the recline knob (B) and the screw.
- 2 Gently pull out the cover, then detach the clip, and release the hooks (C).

Fastener Locations

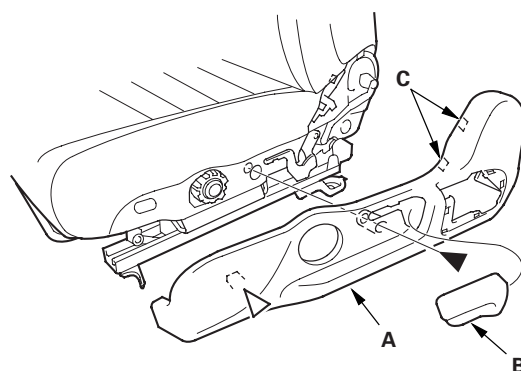
► : Screw, 1 ▷ : Clip, 1



Passenger's seat



Driver's seat



(cont'd)

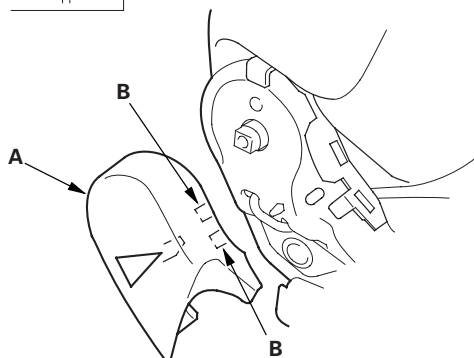
Seats

Front Seat Cushion Cover Replacement (cont'd)

5. Gently pull out the center cover (A), then detach the clip, and release the hooks (B). Driver's seat is shown; passenger's seat is similar.

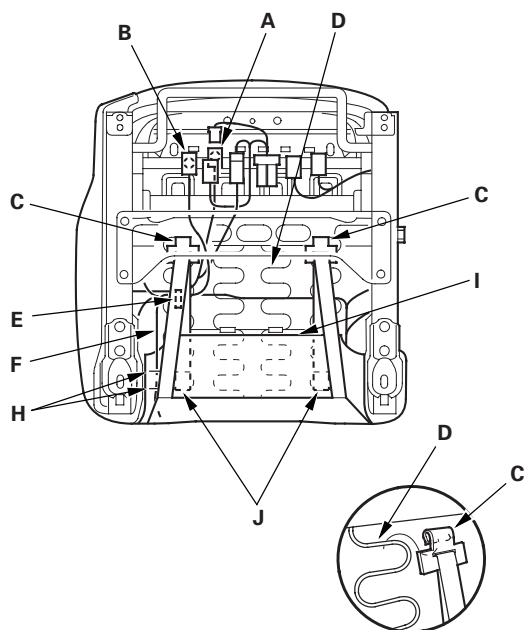
Fastener Location

▷ : Clip, 1

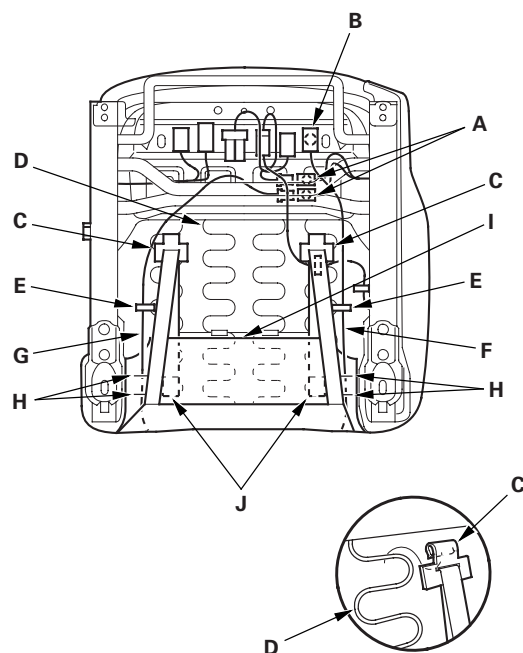


6. If equipped, disconnect the seat heater connector(s) (A) and side airbag connector (B) from under the seat cushion.

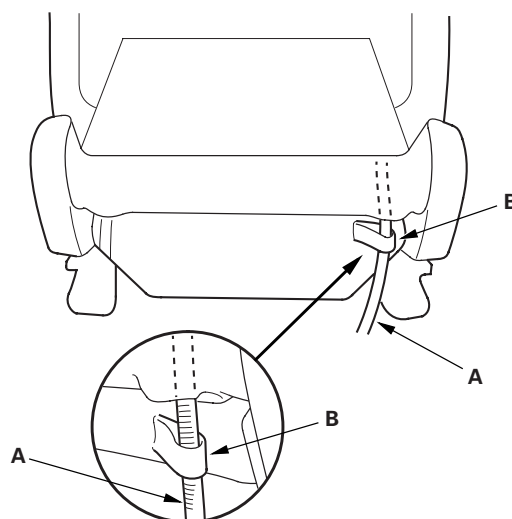
Passenger's seat



Driver's seat



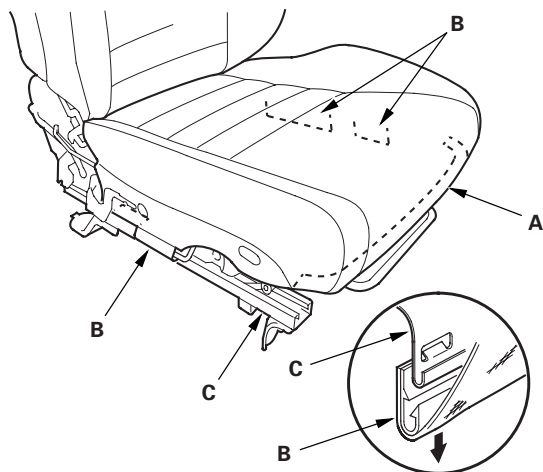
7. Release the hooks (C) from the seat cushion frame spring (D). Remove the wire ties (E), and pull the side airbag harness (F) and seat-back heater harness (G) (driver's seat) out through the slits (H) in the seat cushion cover (I). Turn over the seat cushion cover, and release the hooks (J).
8. Pull the side airbag harness (A) out through the loop (B).



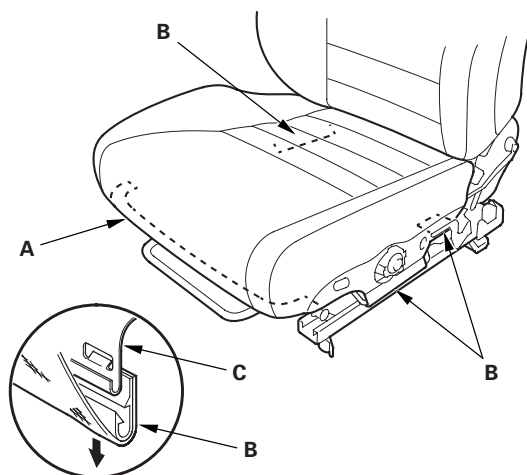


9. Release the hook strips (A, B) from the seat frame (C).

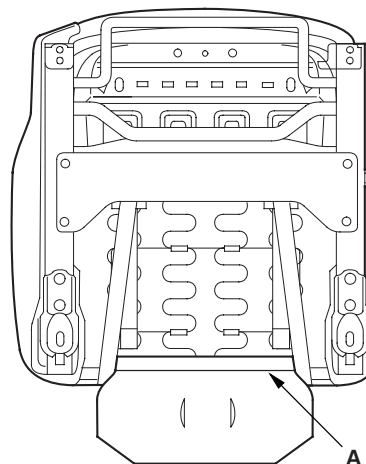
Passenger's seat



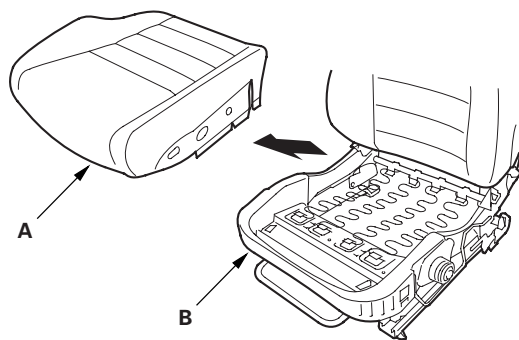
Driver's seat



10. Release the hook (A) from under the seat cushion.



11. Remove the seat cushion cover/pad (A) from the seat frame (B).

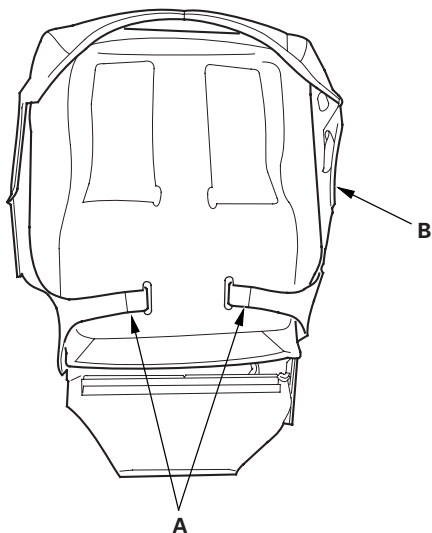


(cont'd)

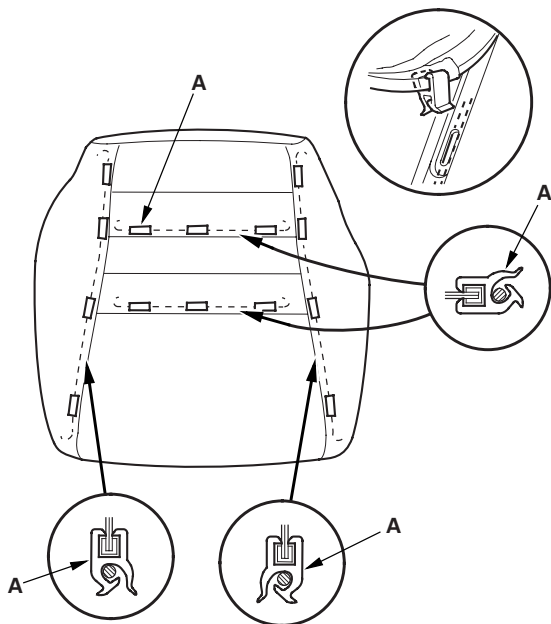
Seats

Front Seat Cushion Cover Replacement (cont'd)

12. Release the hooks (A) from under the seat cushion (B).

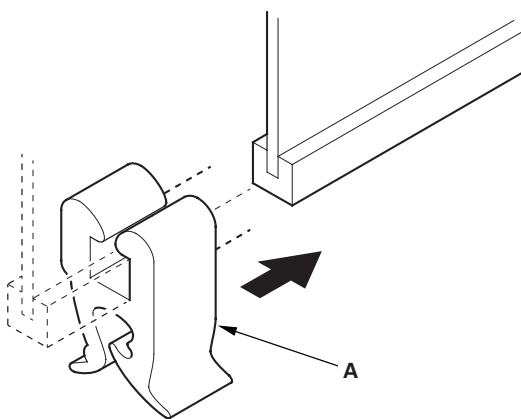


13. Pull back the edge of the seat-back cover all the way around, and release the clips (A), then remove the seat-back cover.



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 clips, the hooks, and the hook strips.
- Replace any clips (A) you removed with new ones.





Rear Seat Removal/Installation

Seat-back

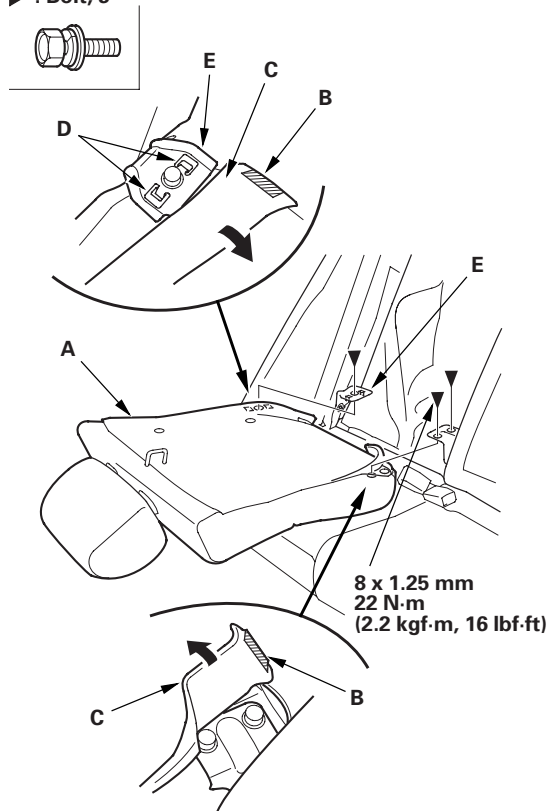
NOTE: Take care not to scratch the body or tear the seat covers.

1. Remove the right seat-back (A).

- 1 Fold the right seat-back down.
- 2 Release the Velcro fasteners (B), and pull back the seat-back cover (C), then remove the bolts.
- 3 Release the hooks (D) of the pivot bracket (E).

Fastener Locations

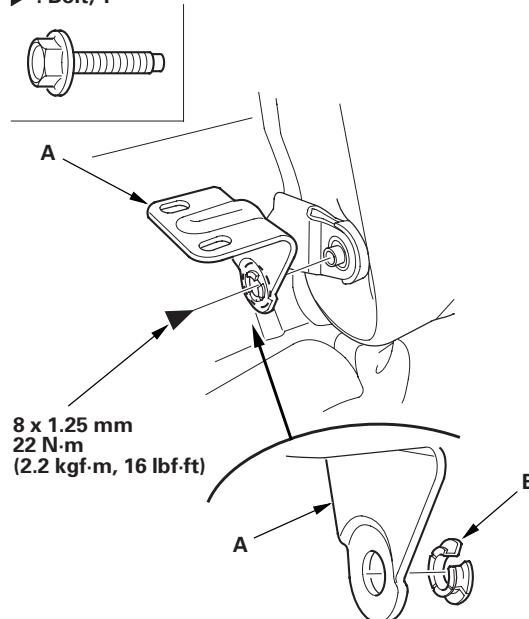
► : Bolt, 3



2. Remove the bolt, then remove the center pivot bracket (A).

Fastener Location

► : Bolt, 1



3. If necessary, remove the bushing (B).

(cont'd)

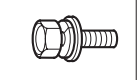
Rear Seat Removal/Installation (cont'd)

4. Remove the left seat-back (A).

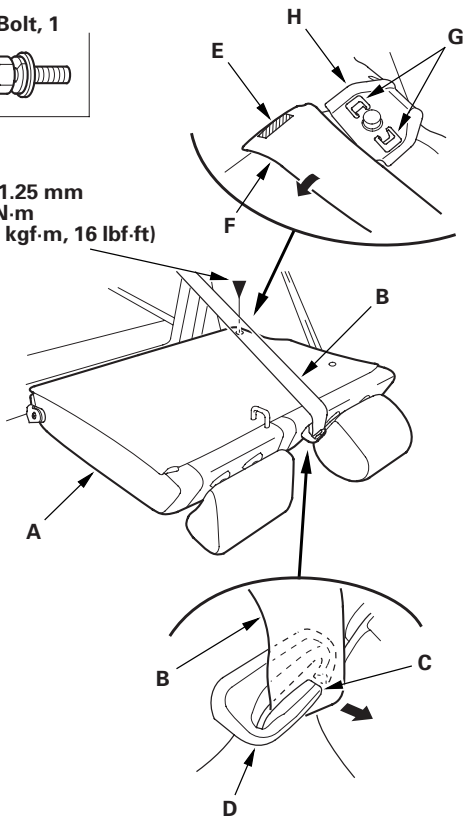
- 1 Fold the left seat-back down.
- 2 Pull the rear center seat belt (B) out through the slit (C) in the seat belt guide (D).
- 3 Release the Velcro fastener (E), and pull back the seat-back cover (F), then remove the bolt.
- 4 Release the hooks (G) of the pivot bracket (H).

Fastener Location

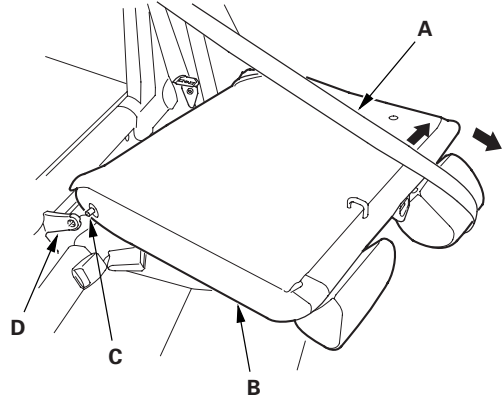
► : Bolt, 1



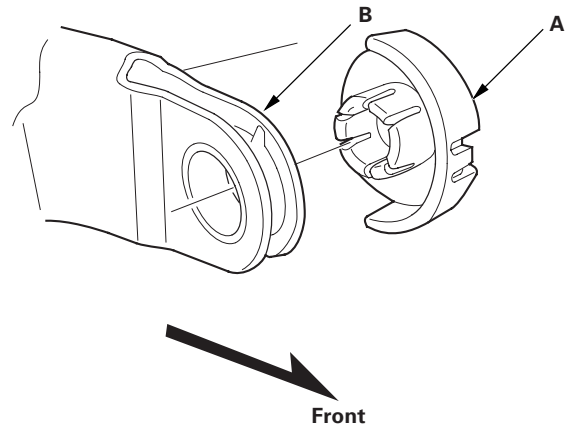
8 x 1.25 mm
22 N·m
(2.2 kgf·m, 16 lbf·ft)



- ### 5. Extend the rear center seat belt (A) to remove the left seat-back (B), then release the pivot shaft (C) from the center pivot bracket (D).



- ### 6. If necessary, remove the bushing (A) from the center pivot bracket (B).

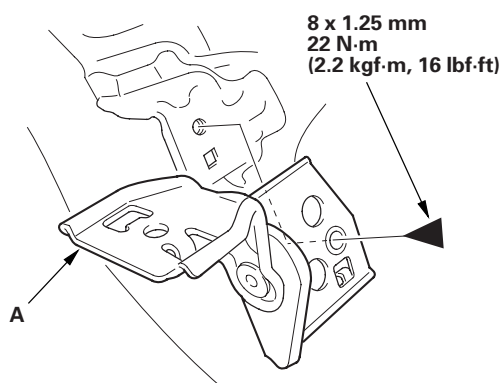
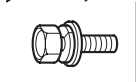




7. Remove the seat cushion and seat side bolster.
8. Remove the bolt, then remove the pivot bracket (A).

Fastener Location

► : Bolt, 1



9. Install the seat-back in the reverse order of removal, and note these items:
- Guide the belt over the front of the seat-back as you install the seat-back.
 - Before attaching the rear seat-back, make sure there are no twists or kinks in the rear center seat belt.

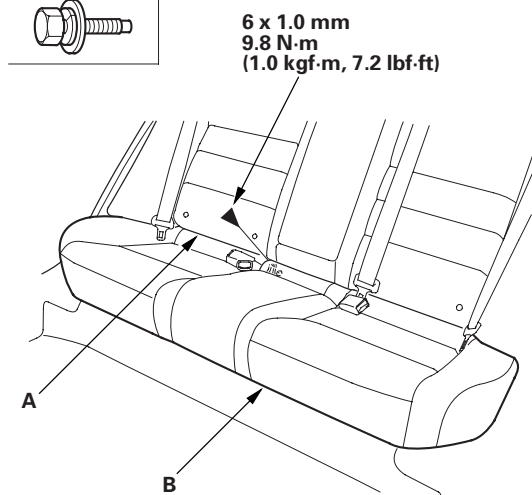
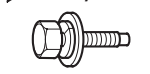
Seat Cushion

NOTE: Take care not to scratch the body or tear the seat covers.

1. Remove the bolt between the seat-back (A) and the seat cushion (B).

Fastener Location

► : Bolt, 1

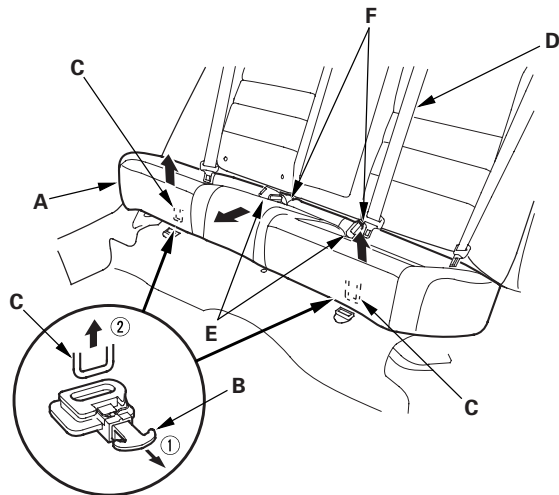


(cont'd)

Seats

Rear Seat Removal/Installation (cont'd)

2. While pushing down on the seat cushion (A), pull the seat hook handles (B) to release the hooks (C).



3. Pull back the seat cushion to release the center seat belt (D) and seat belt buckles (E) from their slits (F), and remove it.
4. Install the seat cushion in the reverse order of removal, and note these items:
 - Before attaching the seat cushion, make sure there are no twists or kinks in the seat belts.
 - When installing the seat cushion, slip the seat belt buckles through the slits in the seat cushion.

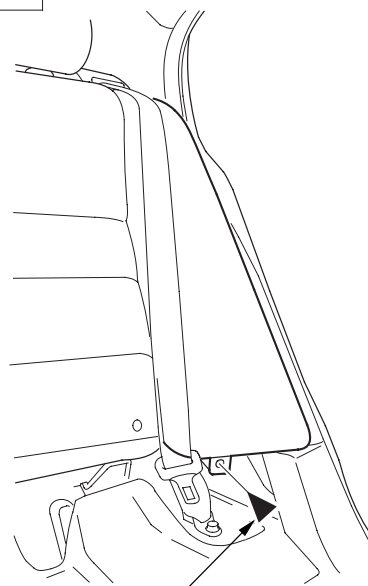
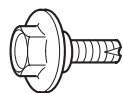
Seat Side Bolster

NOTE: Take care not to scratch the body or tear the seat covers.

1. Remove the seat cushion.
2. Remove the bolt.

Fastener Location

► : Bolt, 1

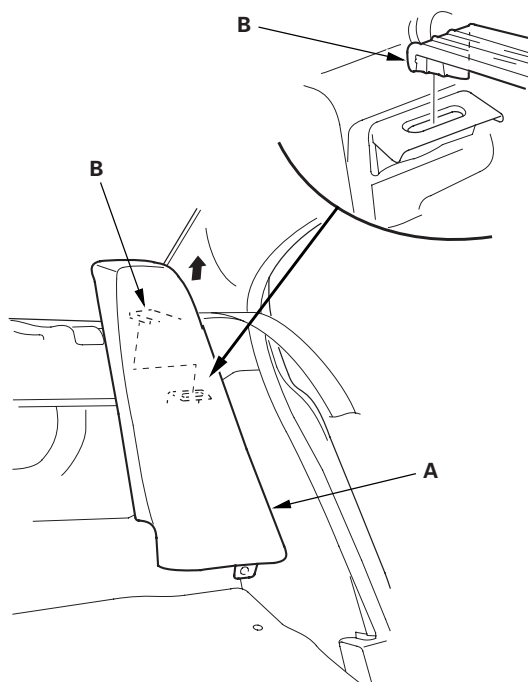


6 x 1.0 mm
9.8 N·m
(1.0 kgf·m, 7.2 lbf·ft)



Rear Seat-back Latch Replacement

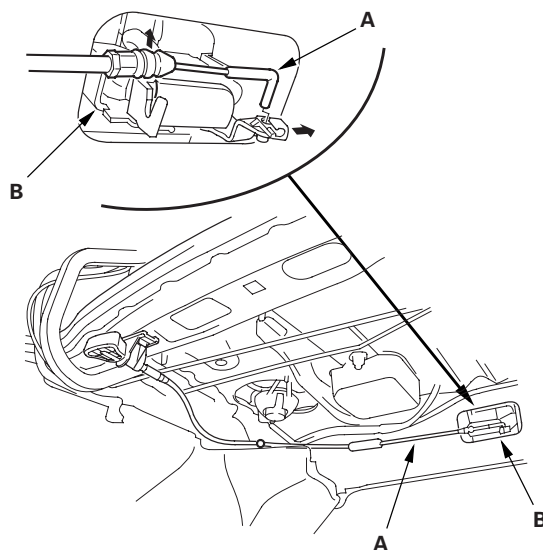
3. Fold the seat-back down.
4. Lift the seat side bolster (A) up to release the hook (B), then remove the seat side bolster.



5. Install the side bolster in the reverse order of removal, and note these items:
- Guide the belts over the front of the seat side bolster as you install the bolster.
 - Before attaching the seat side bolster, make sure there are no twists or kinks in the seat belts.

NOTE: Take care not to bend or scratch the interior trim.

1. Remove the rear shelf (see page 20-78).
2. From the trunk compartment, disconnect the seat-back release cable (A) from the seat-back latch (B).



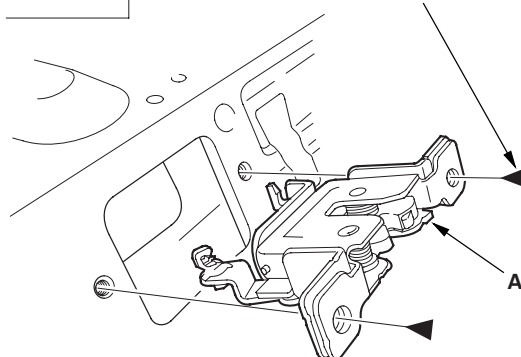
3. Remove the bolts, then remove the seat-back latch (A).

Fastener Locations

► : Bolt, 2



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

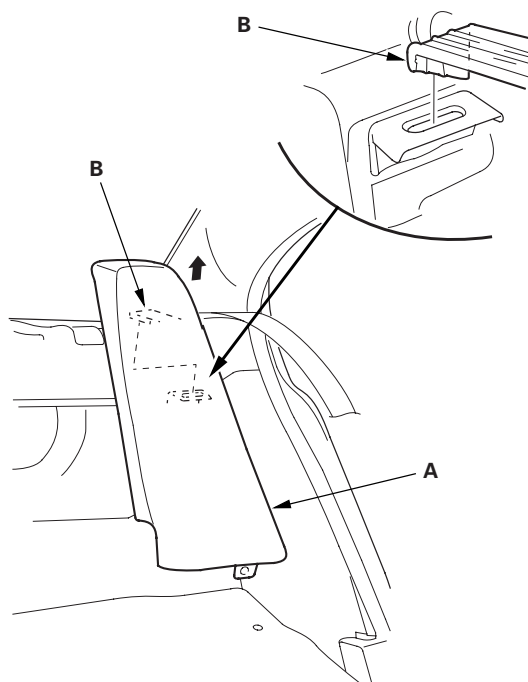


(cont'd)



Rear Seat-back Latch Replacement

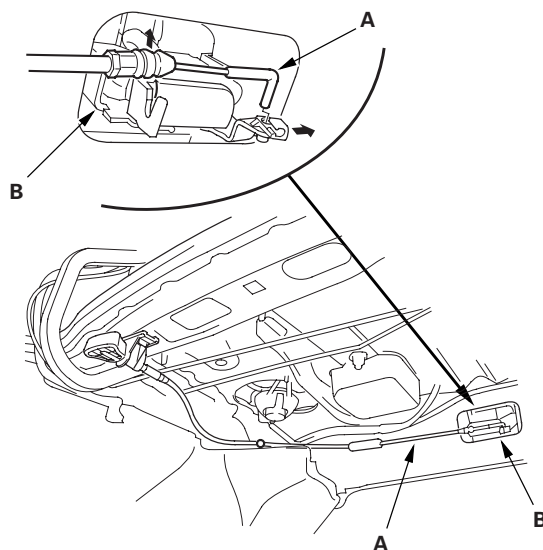
3. Fold the seat-back down.
4. Lift the seat side bolster (A) up to release the hook (B), then remove the seat side bolster.



5. Install the side bolster in the reverse order of removal, and note these items:
- Guide the belts over the front of the seat side bolster as you install the bolster.
 - Before attaching the seat side bolster, make sure there are no twists or kinks in the seat belts.

NOTE: Take care not to bend or scratch the interior trim.

1. Remove the rear shelf (see page 20-78).
2. From the trunk compartment, disconnect the seat-back release cable (A) from the seat-back latch (B).



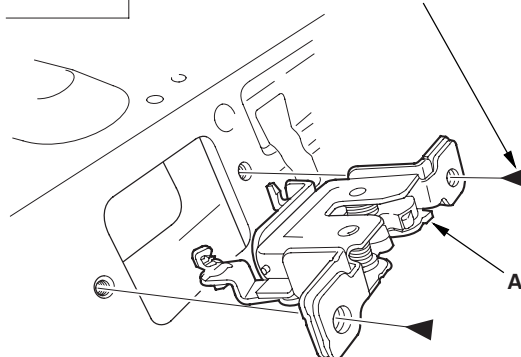
3. Remove the bolts, then remove the seat-back latch (A).

Fastener Locations

► : Bolt, 2



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



(cont'd)

Seats

Rear Seat-back Latch Replacement (cont'd)

4. Install the latch in the reverse order of removal, and note these items:
 - Make sure the release cable is connected securely.
 - Make sure the seat-back locks securely and unlocks properly.

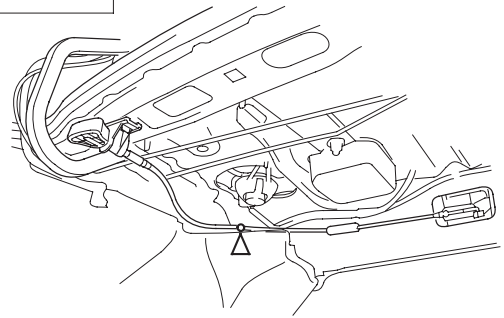
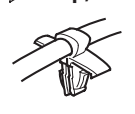
Rear Seat-back Release Lever/Cable Removal/Installation

NOTE: Take care not to bend or scratch the interior trim.

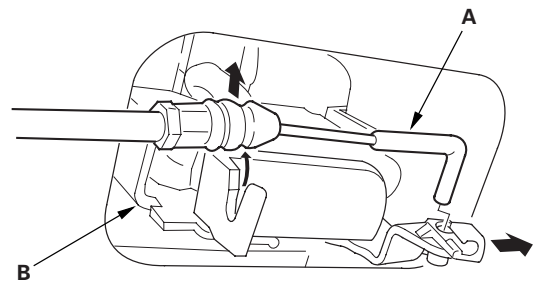
1. Open the trunk lid.
2. From the trunk compartment, detach the cable clip.

Fastener Location

▷ : Clip, 1



3. Disconnect the seat-back release cable (A) from the seat-back latch (B).



Seats

Rear Seat-back Latch Replacement (cont'd)

4. Install the latch in the reverse order of removal, and note these items:
 - Make sure the release cable is connected securely.
 - Make sure the seat-back locks securely and unlocks properly.

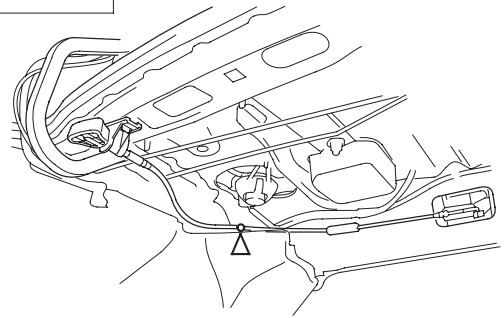
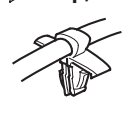
Rear Seat-back Release Lever/Cable Removal/Installation

NOTE: Take care not to bend or scratch the interior trim.

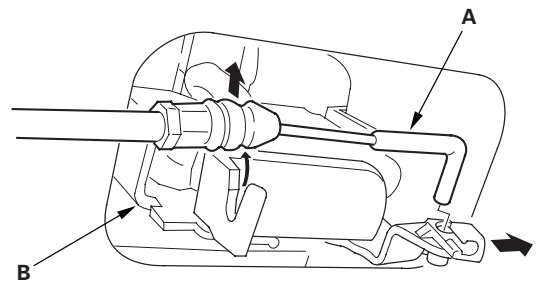
1. Open the trunk lid.
2. From the trunk compartment, detach the cable clip.

Fastener Location

▷ : Clip, 1

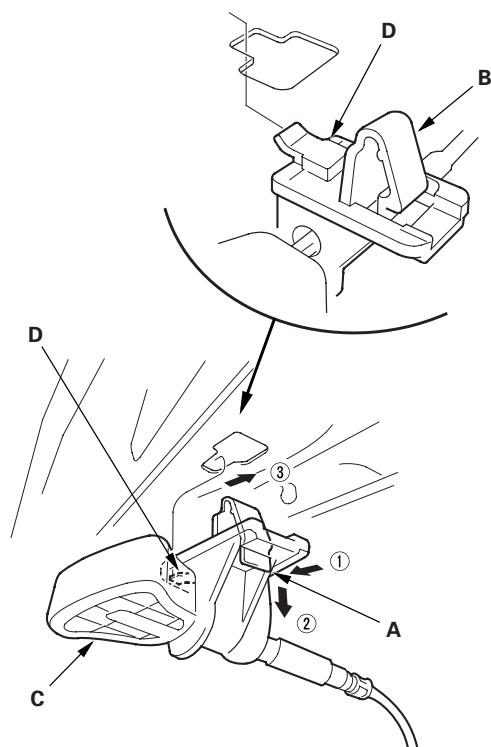


3. Disconnect the seat-back release cable (A) from the seat-back latch (B).





4. Push the tab (A) to release the hook (B), and rotate the seat-back release lever (C) clockwise to release the hook (D).



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

- Make sure the release cable is connected securely.
- Make sure the seat-back locks securely and unlocks properly.

Rear Seat Armrest Beverage Holder Replacement

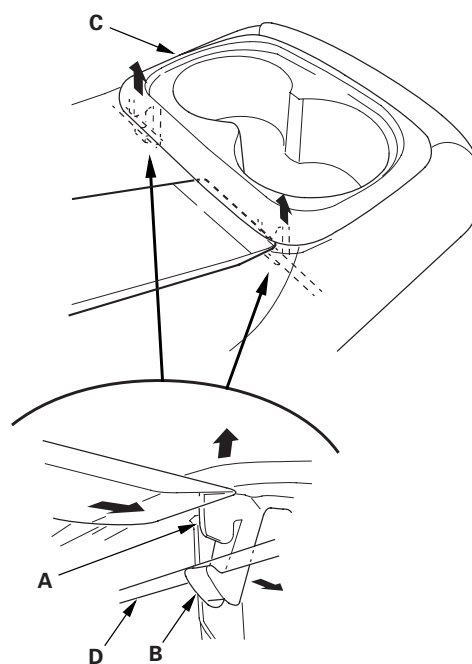
Special Tools Required

KTC trim tool set 07AAC-SEPA240

NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to tear or damage the seat covers.

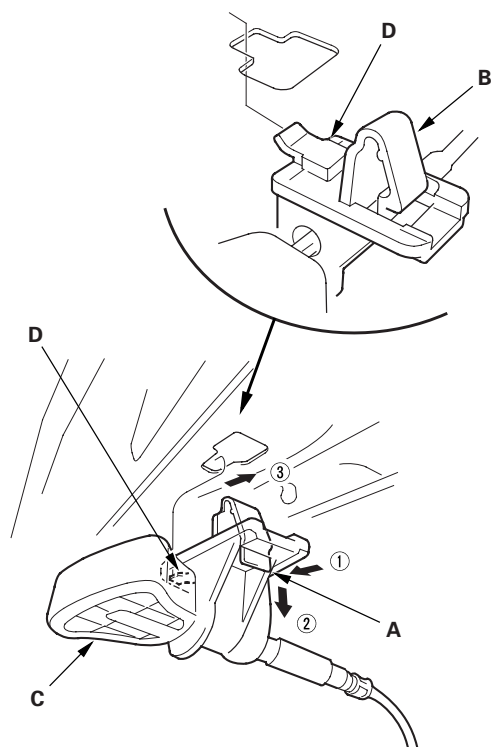
1. Using a trim tool, push on the bottom ribs (A) of the rear hooks (B) to pull up the beverage holder (C), then release the hooks from the wire (D).



(cont'd)



4. Push the tab (A) to release the hook (B), and rotate the seat-back release lever (C) clockwise to release the hook (D).



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

- Make sure the release cable is connected securely.
- Make sure the seat-back locks securely and unlocks properly.

Rear Seat Armrest Beverage Holder Replacement

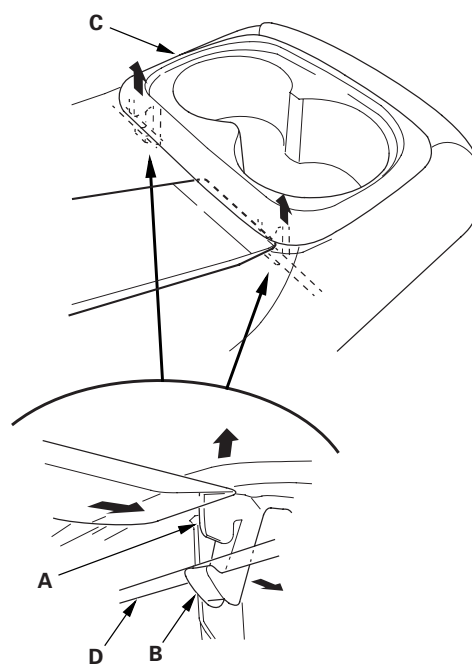
Special Tools Required

KTC trim tool set 07AAC-SEPA240

NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to tear or damage the seat covers.

1. Using a trim tool, push on the bottom ribs (A) of the rear hooks (B) to pull up the beverage holder (C), then release the hooks from the wire (D).

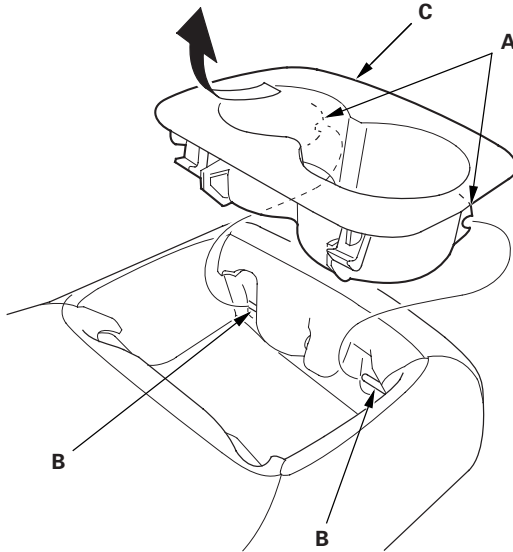


(cont'd)

Seats

Rear Seat Armrest Beverage Holder Replacement (cont'd)

2. Release the front hooks (A) from the wire (B), then remove the beverage holder (C).

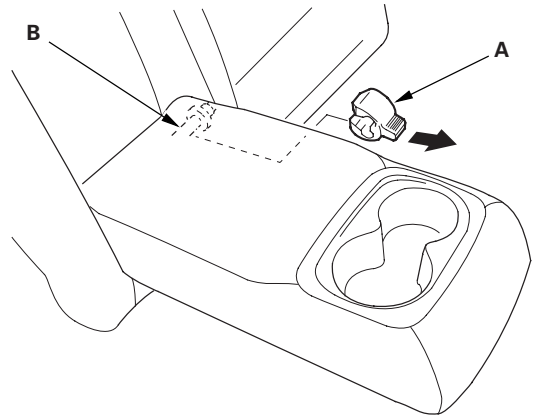


3. Install the beverage holder in the reverse order of removal. Make sure the front hooks are installed securely to the wire, then push down on the beverage holder and install the rear hooks into the wire securely.

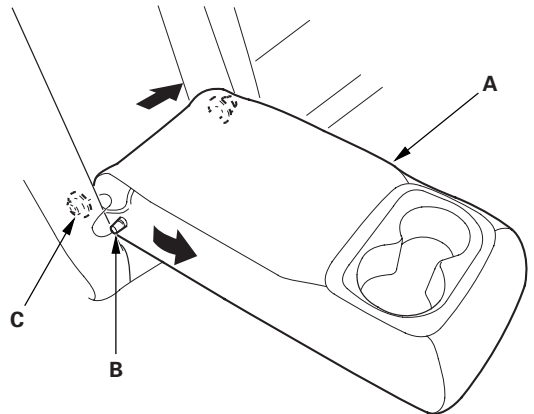
Rear Seat Armrest Replacement

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

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



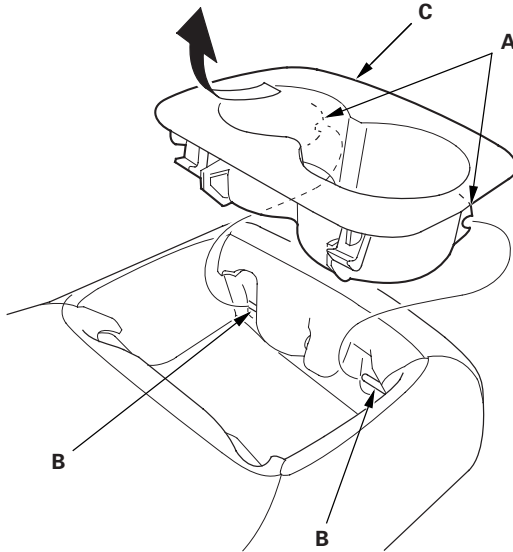
2. Slide the armrest (A) toward the driver's side of the vehicle, and remove the pivot shaft (B) from the collar (C) on the right side of the vehicle by pulling back on the armrest.



Seats

Rear Seat Armrest Beverage Holder Replacement (cont'd)

2. Release the front hooks (A) from the wire (B), then remove the beverage holder (C).

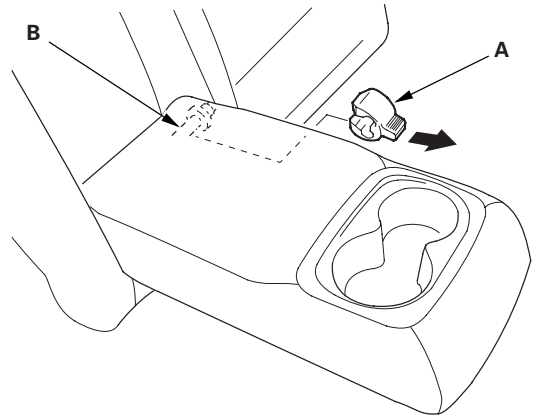


3. Install the beverage holder in the reverse order of removal. Make sure the front hooks are installed securely to the wire, then push down on the beverage holder and install the rear hooks into the wire securely.

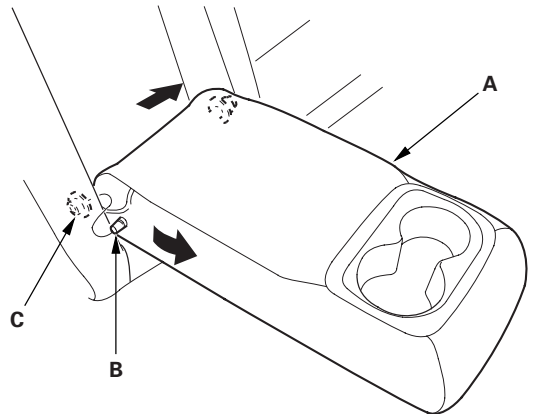
Rear Seat Armrest Replacement

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

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



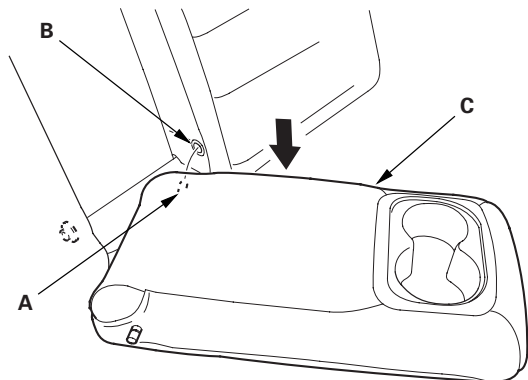
2. Slide the armrest (A) toward the driver's side of the vehicle, and remove the pivot shaft (B) from the collar (C) on the right side of the vehicle by pulling back on the armrest.



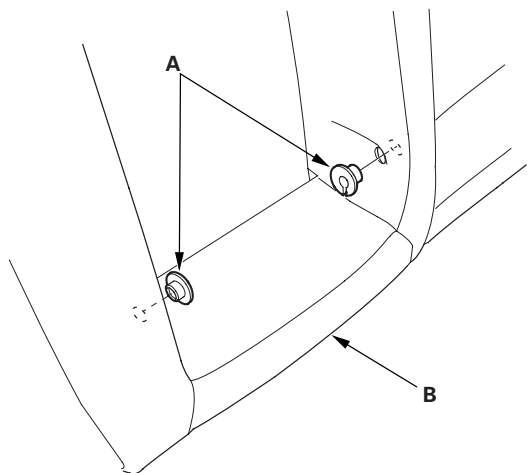


Rear Seat-back Cover Replacement

3. Remove the pivot shaft (A) from the collar (B) on the left, then remove the armrest (C).



4. Remove the collars (A) from the seat-back (B).



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

Seat-back

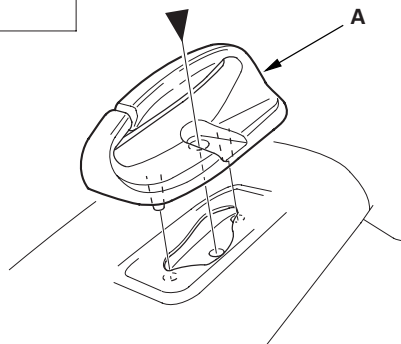
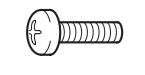
NOTE:

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

1. Remove the seat-back (see page 20-131).
2. Remove these items:
 - Armrest (see page 20-138)
 - Head restraint
3. Left seat-back: Remove the screw, then remove the center belt guide (A).

Fastener Location

► : Screw, 1

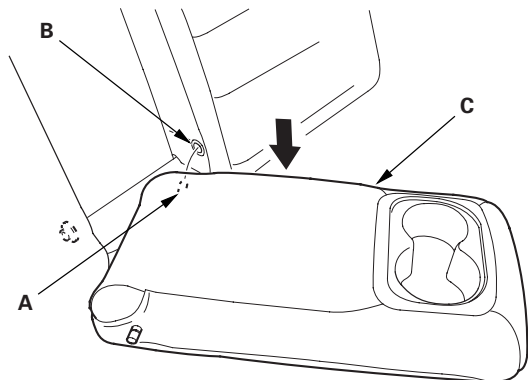


(cont'd)

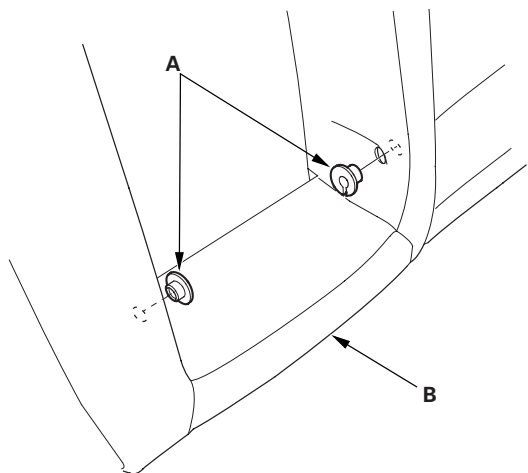


Rear Seat-back Cover Replacement

3. Remove the pivot shaft (A) from the collar (B) on the left, then remove the armrest (C).



4. Remove the collars (A) from the seat-back (B).



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

Seat-back

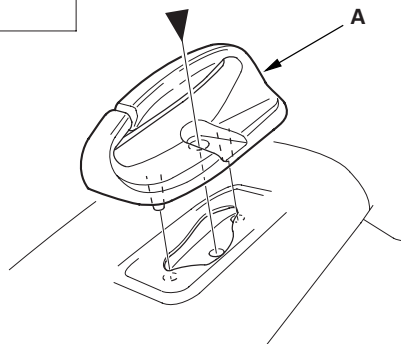
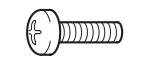
NOTE:

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

1. Remove the seat-back (see page 20-131).
2. Remove these items:
 - Armrest (see page 20-138)
 - Head restraint
3. Left seat-back: Remove the screw, then remove the center belt guide (A).

Fastener Location

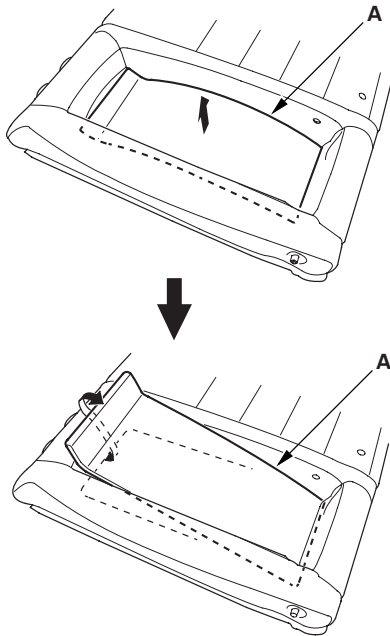
► : Screw, 1



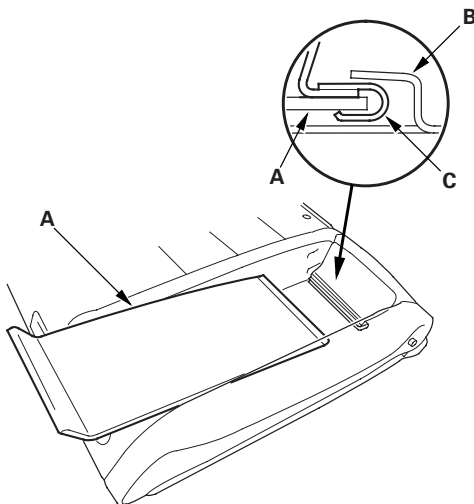
(cont'd)

Rear Seat-back Cover Replacement (cont'd)

4. Left seat-back: Pull out the center portion of the armrest back panel (A) to release upper edge of the armrest back panel.



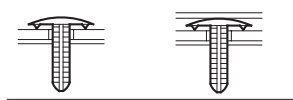
5. Left seat-back: Pull out the armrest back panel (A) to release the hook (B) of the seat-back frame and hook (C) of the seat-back cover.



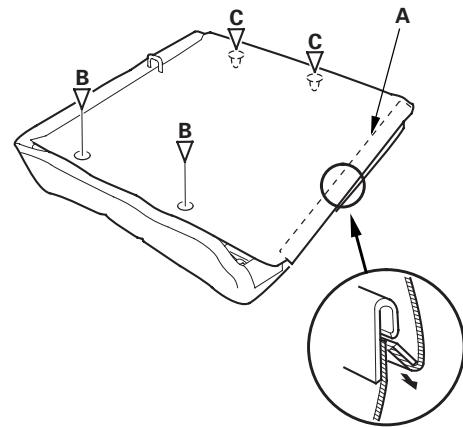
6. Release the lower hook strip (A) and the clips (B, C).

Fastener Locations

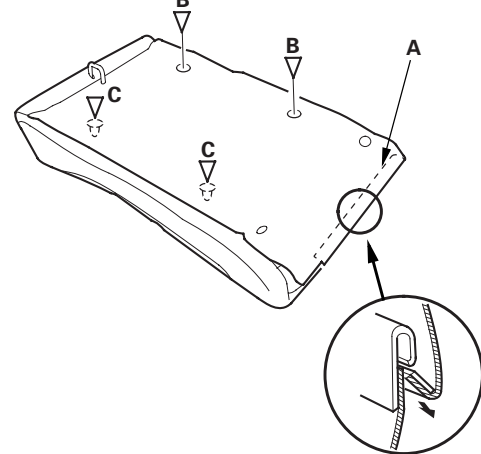
B ▷ : Clip, 2 C ▷ : Clip, 2



Left seat-back



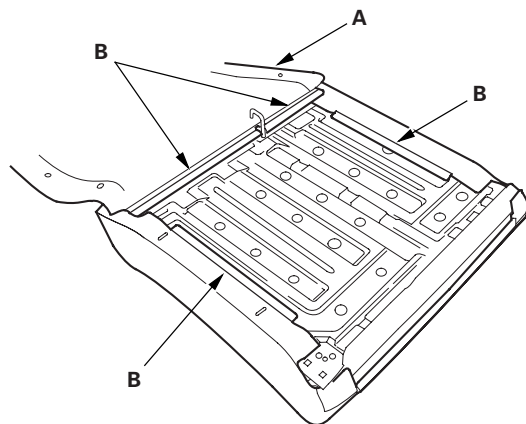
Right seat-back



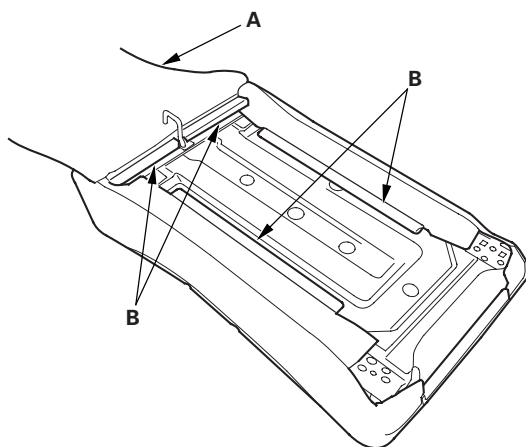


7. Pull back the seat-back cover (A), then release the hook strips (B).

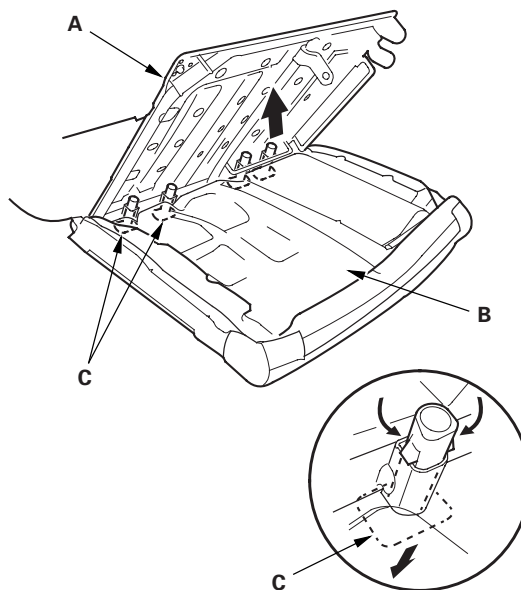
Left seat-back



Right seat-back



8. Pull out the seat-back frame (A) from the pad (B), then pinch the tabs on the ends of the head restraint guides (C), and remove them from the seat-back. The left seat-back is shown; the right seat-back is similar.



9. Remove the seat-back cover and pad from the seat-back frame.

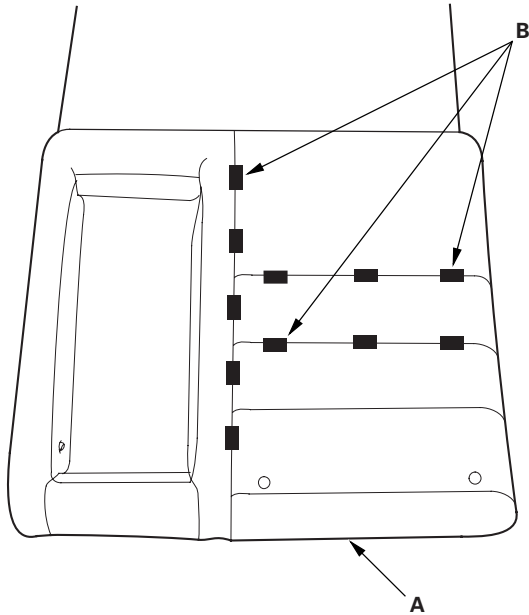
(cont'd)

Seats

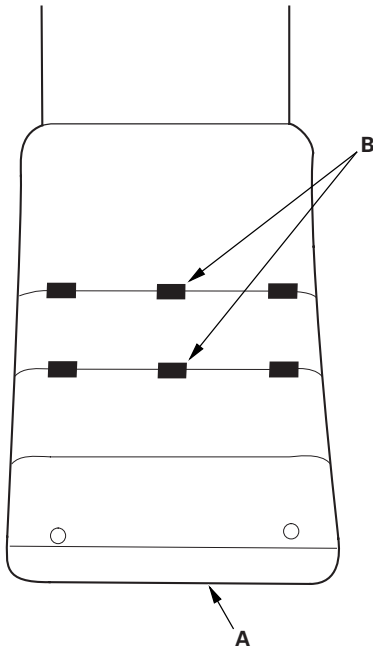
Rear Seat-back Cover Replacement (cont'd)

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

Left seat-back

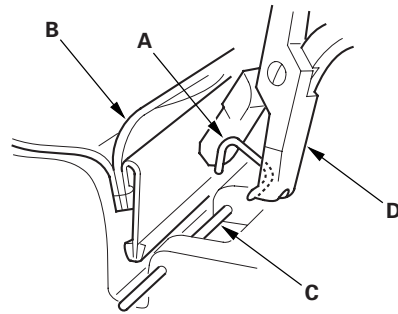


Right seat-back



11. 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 upholstery rings, the hooks, and the hook strips.
- Replace all of the upholstery rings (A) fastening the seat-back cover (B) and the pad wire (C) with new ones using commercially available upholstery ring pliers (D).

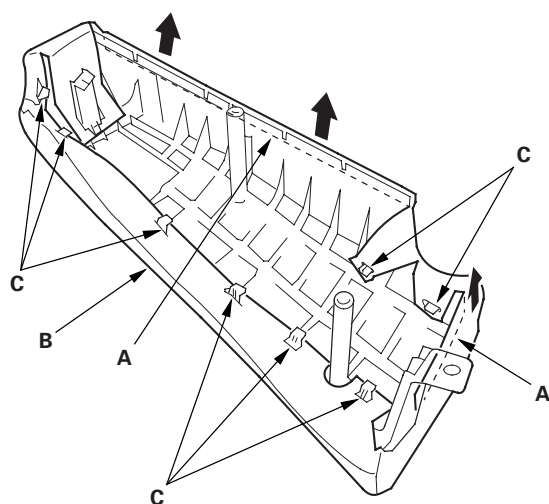




Rear Seat Side Bolster Cover Replacement

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

1. Remove the seat side bolster (see page 20-134).
2. Release all the hook strips (A), fold back the seat side bolster cover (B), and release the cover from the hooks (C).



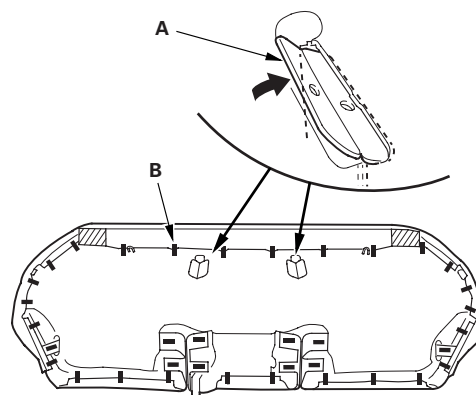
3. Install the cover in the reverse order of removal, and to prevent wrinkles when installing a side bolster cover, make sure the material is stretched evenly over the pad before securing the hook strips.

Rear Seat Cushion Cover Replacement

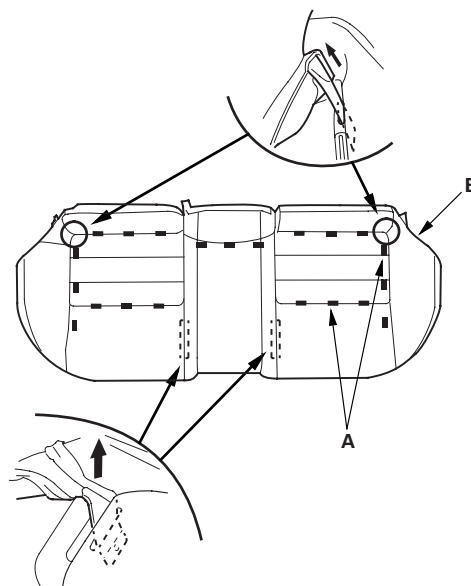
NOTE:

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

1. Remove the seat cushion (see page 20-133).
2. From the back of the seat-back, pass both lower retainers (A) through the slots in the seat cushion pad, and release all the upholstery rings (B), and fold back the seat cushion cover.



3. Pull back the edge of the seat cushion cover all the way around, and release the upholstery rings (A), from the seat cushion cover (B) through the hole in the seat cushion pad, then remove the seat cushion cover.

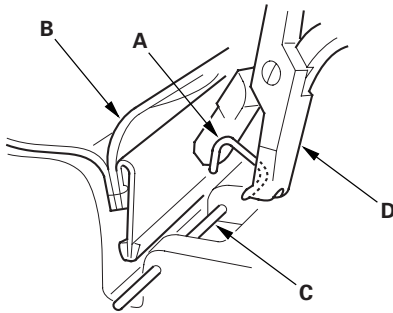


(cont'd)

Seats

Rear Seat Cushion Cover Replacement (cont'd)

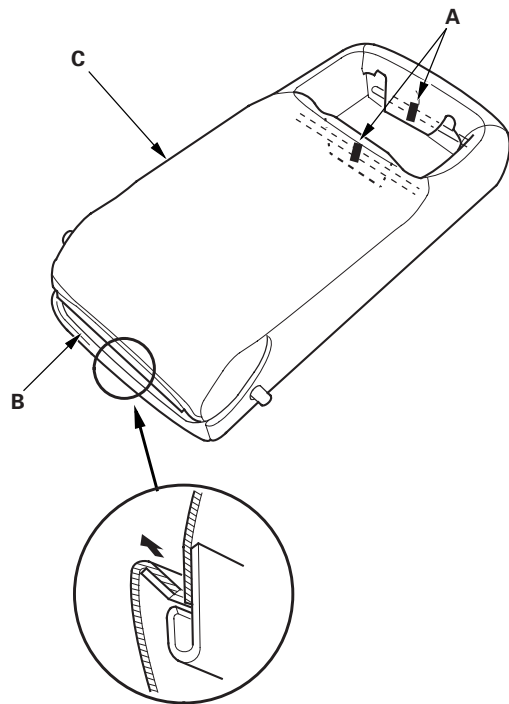
4. Install the cover in the reverse order of removal, and note these items:
 - To prevent wrinkles when installing a seat cushion cover, make sure the material is stretched evenly over the pad before securing the retainers and upholstery rings.
 - Replace all of the upholstery rings (A) fastening the seat-back cover (B) and the pad wire (C) with new ones using commercially available upholstery ring pliers (D).



Rear Seat Armrest Cover Replacement

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

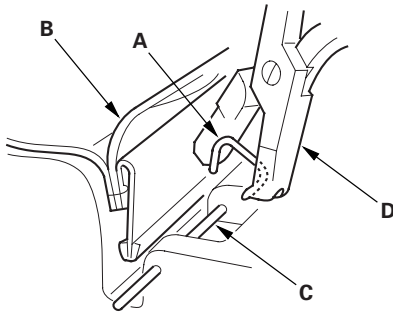
1. Remove the armrest from the seat-back (see page 20-138).
2. Remove the armrest beverage holder from the armrest (see page 20-137).
3. Release the clips (A) and the hook strip (B), and pull back the armrest cover (C) all the way around.



Seats

Rear Seat Cushion Cover Replacement (cont'd)

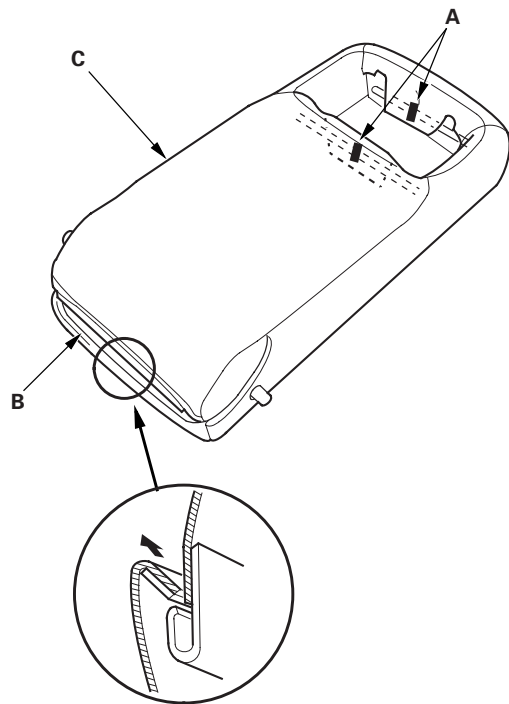
4. Install the cover in the reverse order of removal, and note these items:
 - To prevent wrinkles when installing a seat cushion cover, make sure the material is stretched evenly over the pad before securing the retainers and upholstery rings.
 - Replace all of the upholstery rings (A) fastening the seat-back cover (B) and the pad wire (C) with new ones using commercially available upholstery ring pliers (D).



Rear Seat Armrest Cover Replacement

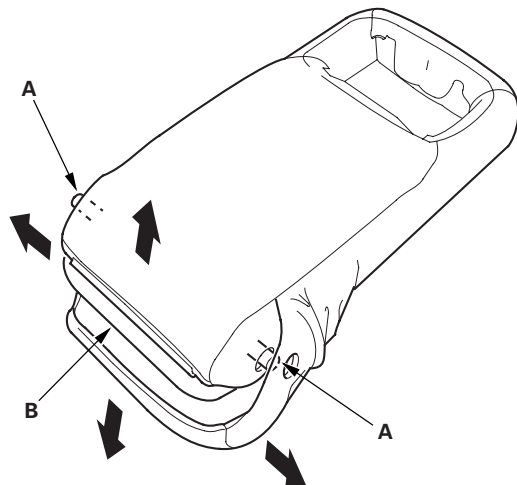
NOTE: Take care not to tear or damage the seat covers.

1. Remove the armrest from the seat-back (see page 20-138).
2. Remove the armrest beverage holder from the armrest (see page 20-137).
3. Release the clips (A) and the hook strip (B), and pull back the armrest cover (C) all the way around.





4. Release the armrest cover from the armrest pivot portions (A), then remove it from the pad (B).



5. Install the cover in the reverse order of removal. To prevent wrinkles when installing an armrest cover, make sure the material is stretched evenly over the pad before securing the clips and the hook strips.

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.

1. Remove these items:

- Front fender trim (see page 20-162)
- Front grille cover (see page 20-163)

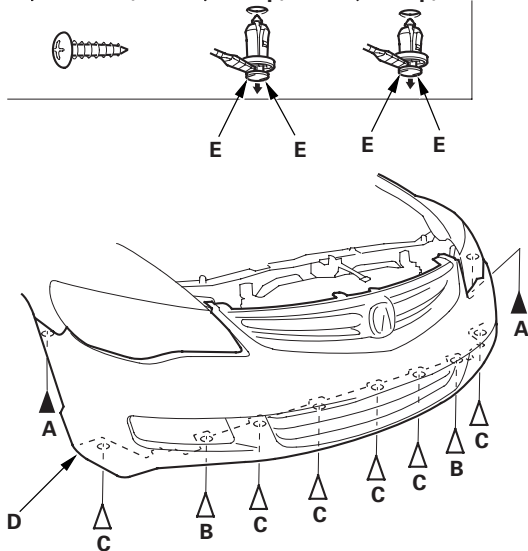
2. Remove the screws (A) and the clips (B, C) securing the front bumper (D).

NOTE: To release the clips, pry up on the center pin at the notch (E).

'06-08 models

Fastener Locations

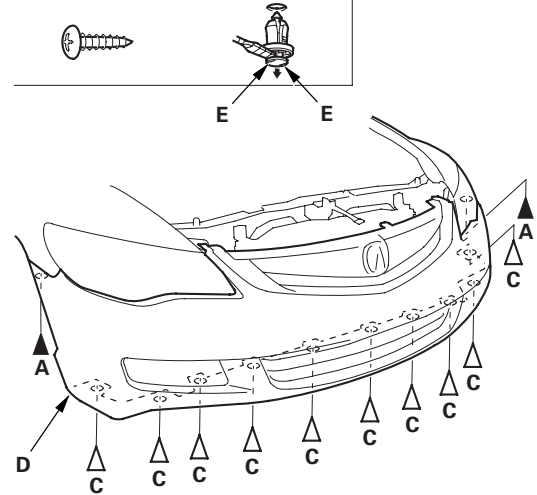
A ► : Screw, 2 B ► : Clip, 2 C ► : Clip, 6



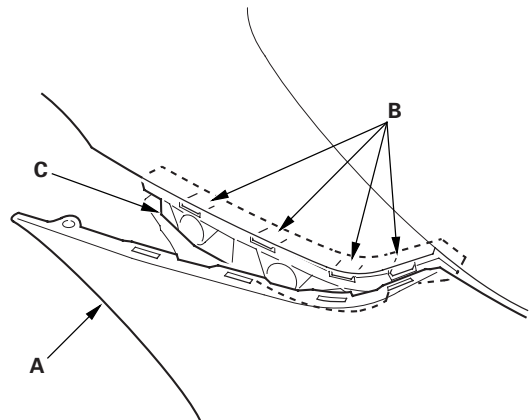
'09 model

Fastener Locations

A ► : Screw, 2 C ► : Clip, 10

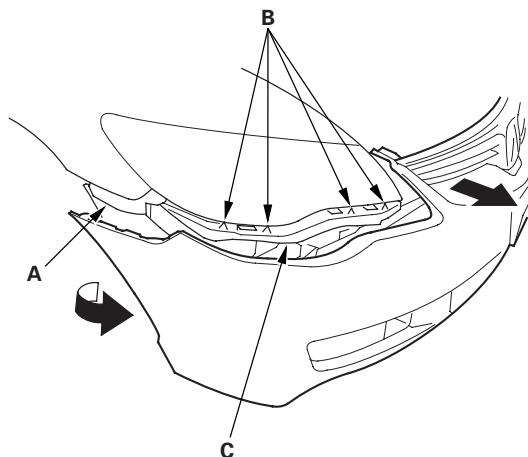


3. Pull on the front bumper (A) at the wheel arch areas to release it from the hooks (B) on the side spacers (C).

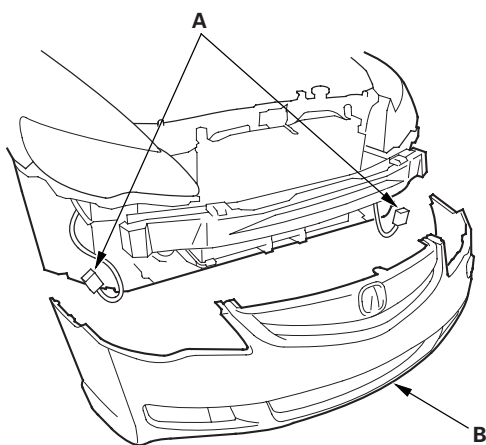




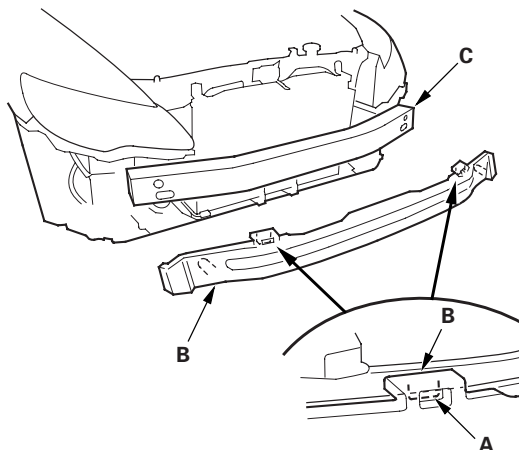
4. With the help of an assistant, while pulling the wheel arch portion away from the side spacer (A), pull the front bumper to release the bumper from the hooks (B) on the corner upper beam (C).



5. If equipped, disconnect the front fog light connectors (A) while holding the front bumper (B), then remove the bumper.



6. Release the hooks (A), then remove the front bumper absorber (B) from the front bumper beam (C).



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

- Make sure the front bumper engages the hooks (of both corner upper beams and side spacers) on each side securely.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.

Bumpers

Front Bumper Lower Grille Replacement

'09 Model

NOTE:

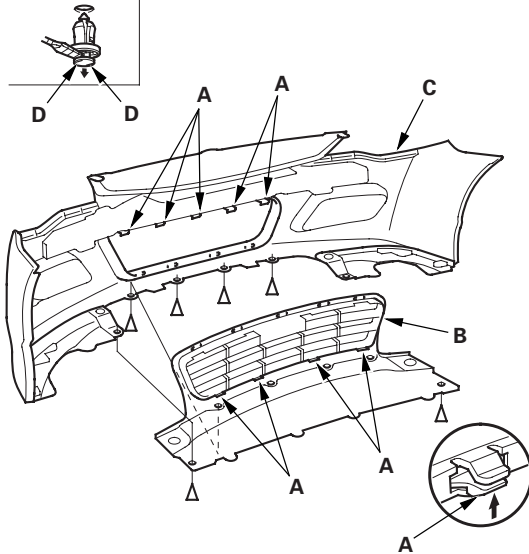
- Take care not to scratch the front bumper.
- Put on gloves to protect your hands.

1. Remove the front bumper (see page 20-146).
2. Detach the clips and release the hooks (A), then remove the front bumper lower grille (B) from the front bumper (C).

NOTE: To release the clips, pry up on the center pin at the notch (D).

Fastener Locations

▷ : Clip, 6



3. Install the grille in the reverse order of removal, and note these items:
 - If the clips are damaged or stress-whitened, replace them with new ones.
 - Push the clips and the hooks into place securely.

Front Bumper Lower Side Plate Replacement

'09 Model

NOTE:

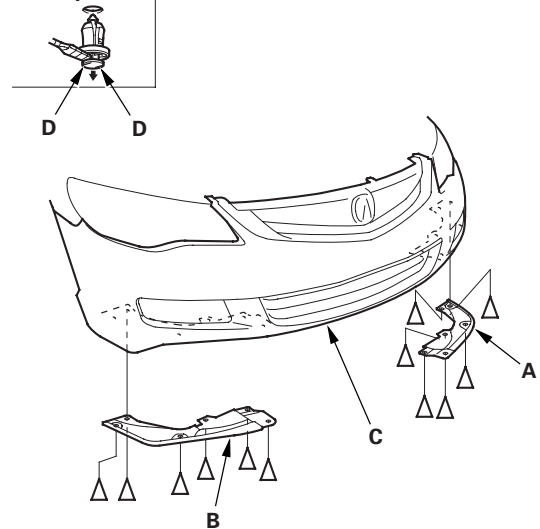
- Take care not to scratch the front bumper.
- Put on gloves to protect your hands.

1. Detach the clips, then remove the left front bumper lower side plate (A) and the right front bumper lower side plate (B) from the front bumper (C).

NOTE: To release the clips, pry up on the center pin at the notch (D).

Fastener Locations

▷ : Clip, 12



2. Install the plate in the reverse order of removal, and note these items:
 - If the clips are damaged or stress-whitened, replace them with new ones.
 - Push the clips into place securely.



Rear Bumper Removal/Installation

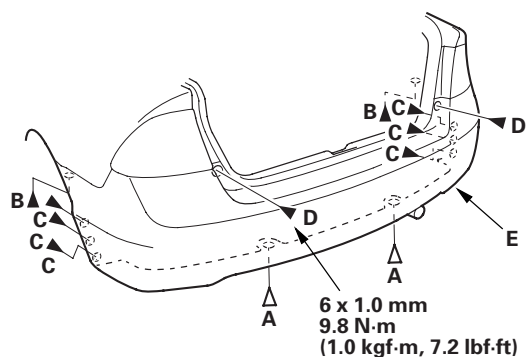
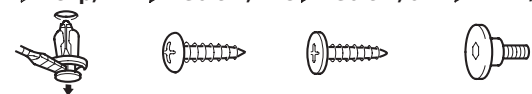
NOTE:

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

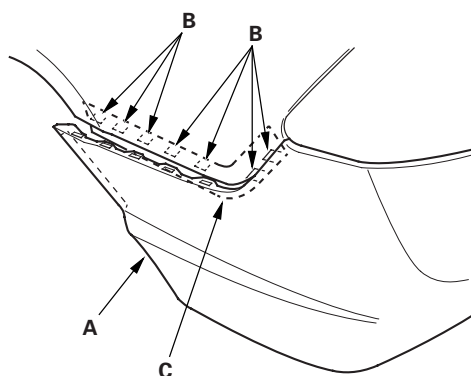
1. Remove the clips (A), screws (B, C), and bolts (D) securing the rear bumper (E).

Fastener Locations

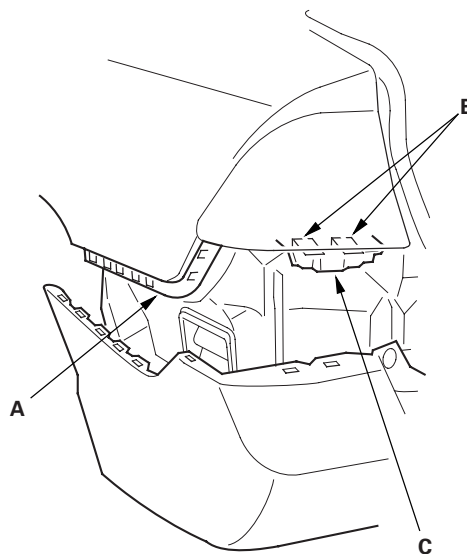
A▷: Clip, 2 B▷: Screw, 2 C▷: Screw, 6 D▷: Bolt, 2



2. Pull on the rear bumper (A) at the wheel arch areas to release it from the hooks (B) on the side spacers (C).



3. With the help of an assistant, while pulling the wheel arch portion away from the side spacer (A), pull the rear bumper to release the bumper from the hooks (B) on the side bracket (C).

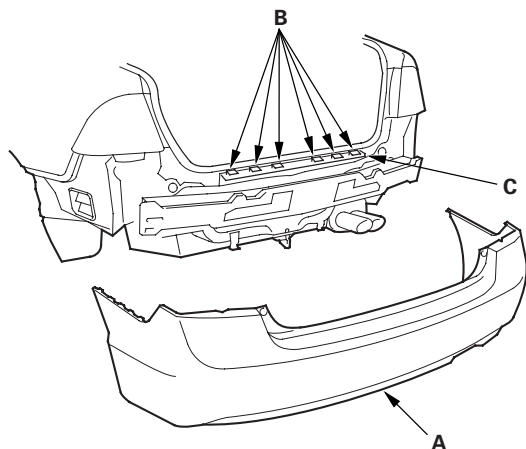


(cont'd)

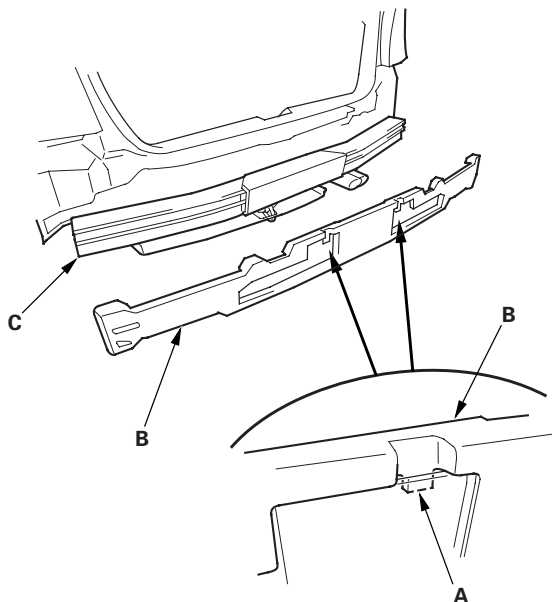
Bumpers

Rear Bumper Removal/Installation (cont'd)

4. With the help of an assistant, pull the rear bumper (A) to release the bumper from the hooks (B) on the upper bracket (C).



5. Release the hooks (A), then remove the rear bumper absorber (B) from the rear bumper beam (C).



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

- Make sure the rear bumper engages the hooks (of both the side bracket and side spacers) on each side securely.
- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.



Rear Bumper Lower Cover Replacement

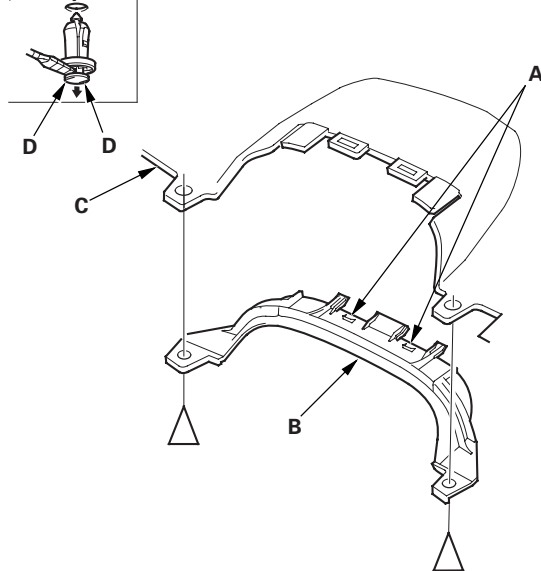
NOTE: Take care not to scratch the rear bumper.

1. Remove the rear bumper (see page 20-149).
2. Release the clips and the tabs (A), then remove the rear bumper lower cover (B) from the rear bumper (C).

NOTE: To remove the clips, pry the inner pin up at the edge near the line (D) on its head.

Fastener Locations

▷ : Clip, 2



3. Install the cover in the reverse order of removal, and note these items:
- If the clips are damaged or stress-whitened, replace them with new ones.
 - Push the clips and the tabs into place securely.

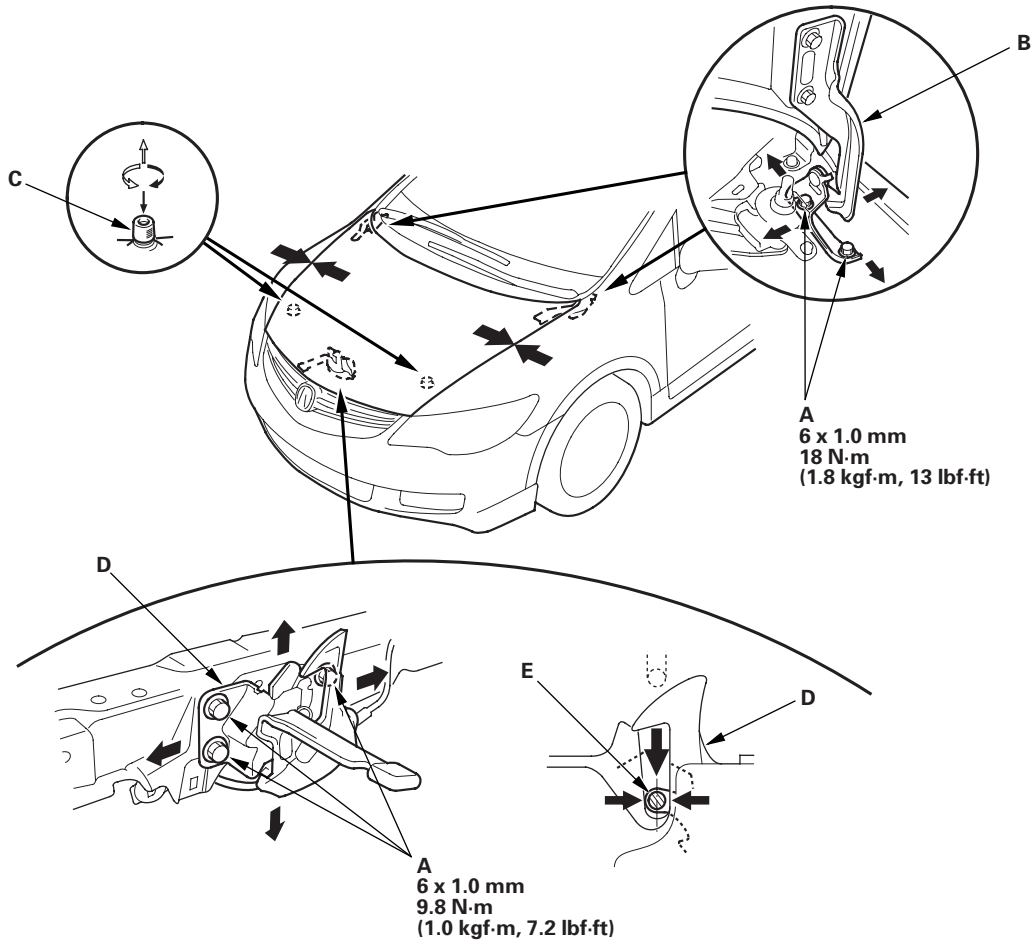
Hood

Hood Adjustment

1. Remove these items:

- Front fender trim (see page 20-162)
- Front grille cover (see page 20-163)
- Cowl covers (see page 20-163)

2. Slightly loosen each bolt (A).



3. Adjust the hood alignment in this sequence:

- Adjust the hood right and left, as well as forward and rearward, by using the elongated holes in the hood hinges (B).
- Turn the hood edge cushions (C), as necessary, to make the hood fit flush with the body at the front and side edges.

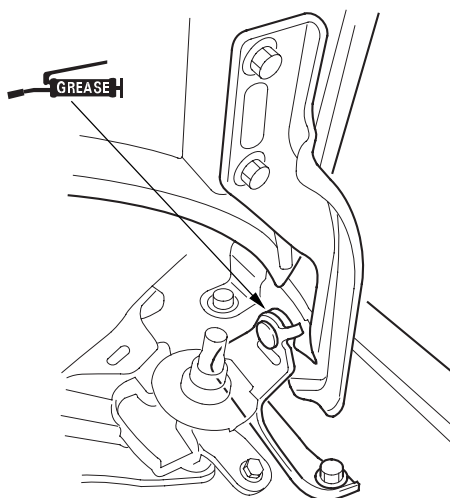
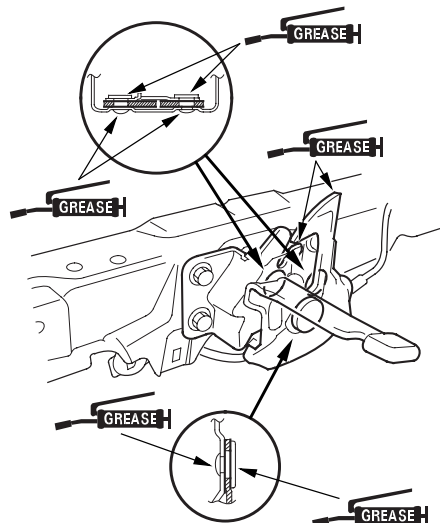
4. Adjust the hood latch (D) to obtain the proper position at the forward edge, and move the hood latch right or left until the striker (E) is centered in the hood latch.

5. Tighten the bolts to the specified torque.



Hood Seal Replacement

6. Check that the hood opens properly and closes securely.
7. Apply touch-up paint to the hinge mounting bolts and around the hinges, and let the paint dry.
8. Apply multipurpose grease to the hood latch and hood hinges as indicated by the arrows.

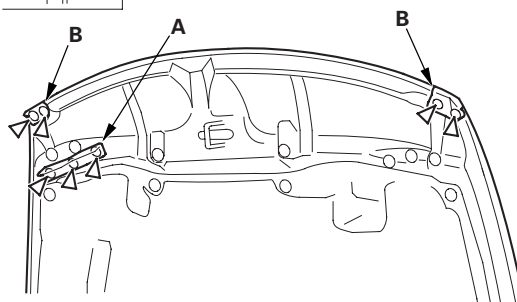
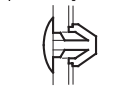


9. Reinstall all of the removed parts.

1. Detach the clips with a clip remover, then remove the hood seal (A) and hood corner seals (B). Take care not to scratch the hood.

Fastener Locations

▷ : Clip, 7

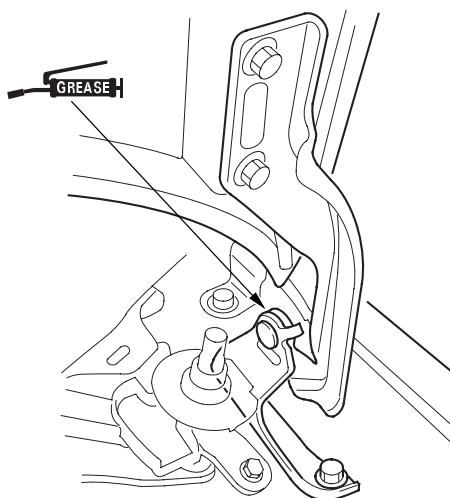
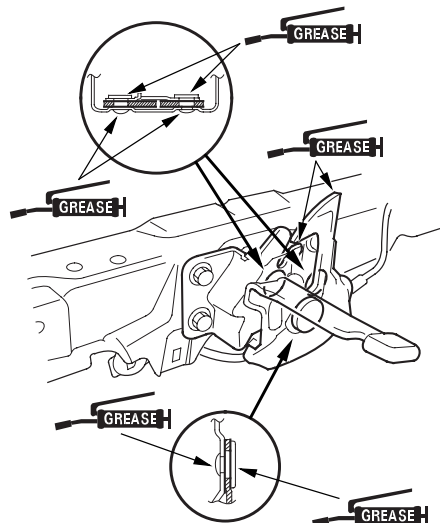


2. Install the seals in the reverse order of removal, and if the clips are damaged or stress-whitened, replace them with new ones.



Hood Seal Replacement

6. Check that the hood opens properly and closes securely.
7. Apply touch-up paint to the hinge mounting bolts and around the hinges, and let the paint dry.
8. Apply multipurpose grease to the hood latch and hood hinges as indicated by the arrows.

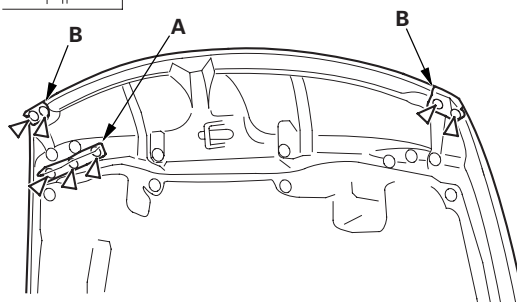
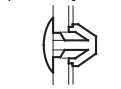


9. Reinstall all of the removed parts.

1. Detach the clips with a clip remover, then remove the hood seal (A) and hood corner seals (B). Take care not to scratch the hood.

Fastener Locations

▷ : Clip, 7



2. Install the seals in the reverse order of removal, and if the clips are damaged or stress-whitened, replace them with new ones.

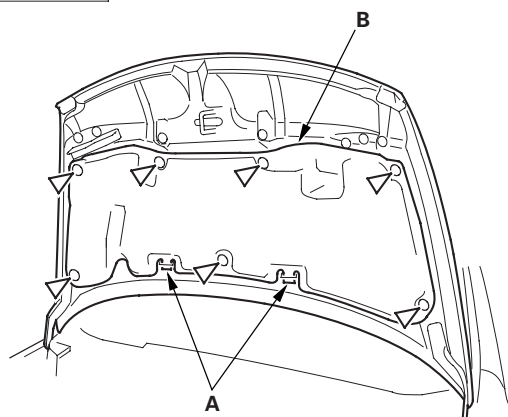
Hood

Hood Insulator Replacement

1. Detach the clips with a clip remover. Release the hooks (A), then remove the hood insulator (B). Take care not to scratch the hood.

Fastener Locations

▷ : Clip, 7

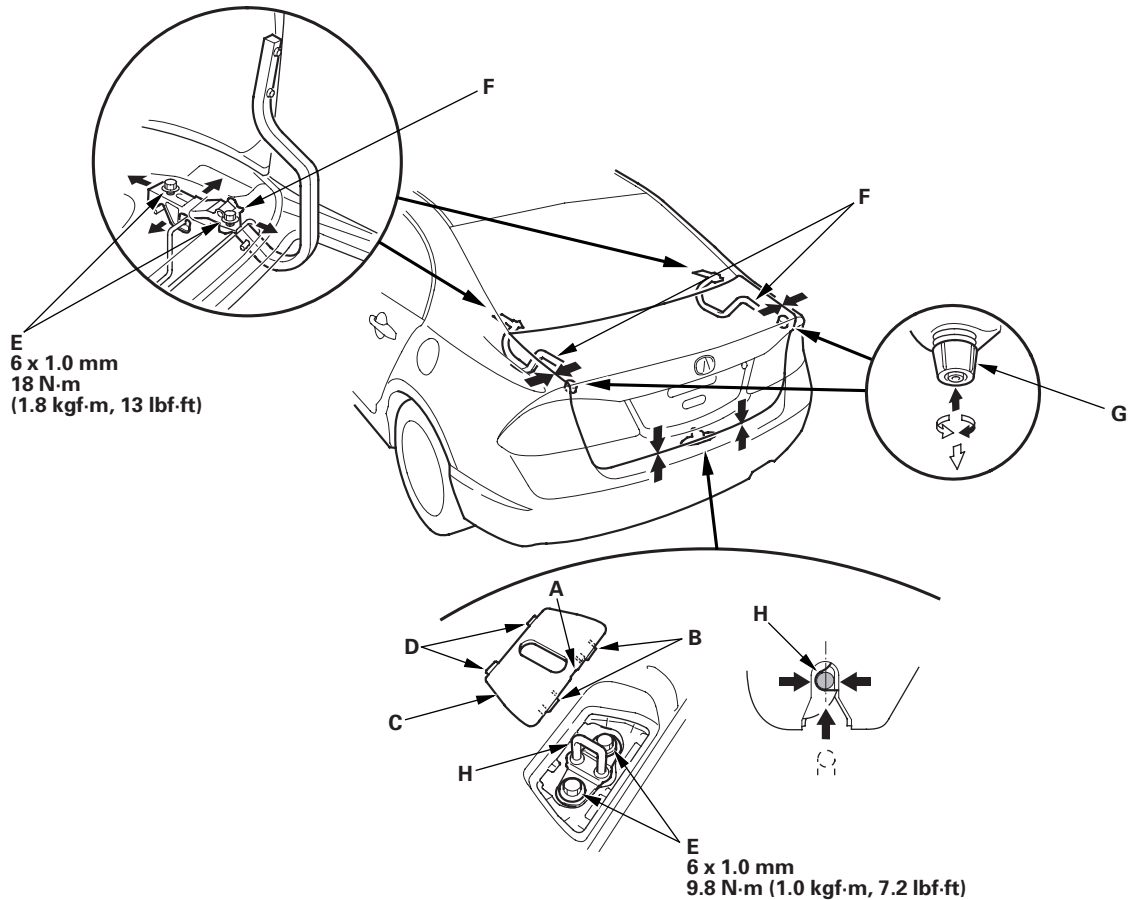


2. Install the insulator in the reverse order of removal, and note these items:
 - If the clips are damaged or stress-whitened, replace them with new ones.
 - Push the clips and the hooks into place securely.



Trunk Lid Adjustment

1. Remove the rear shelf (see page 20-78).
2. Pry up on the notch (A) to release the rear hooks (B) and pivot the striker trim cap (C) on the front hooks (D), then remove the cap. Slightly loosen each bolt (E).



3. Adjust the trunk lid alignment in the following sequence:
 - Adjust the trunk lid hinges (F) right and left, as well as forward and rearward, by using the elongated holes. Take care not to hit the rear window when loosening the bolts.
 - Turn the trunk lid edge cushions (G), in or out as necessary, to make the trunk lid fit flush with the body at the rear and side edges.
 - Adjust the fit between the trunk lid and the trunk lid opening by moving the striker (H).
4. Tighten the bolts to the specified torque.
5. Make sure the trunk lid opens properly and locks securely.
6. Reinstall all removed parts.

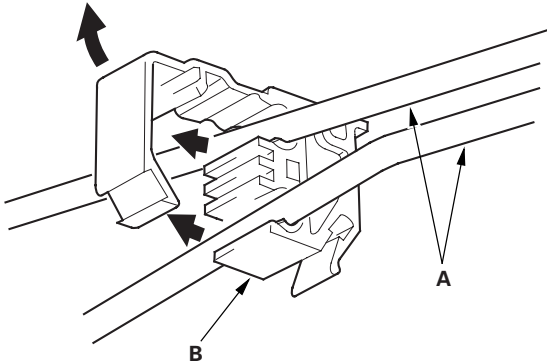
Trunk Lid

Trunk Lid Torsion Bar Replacement

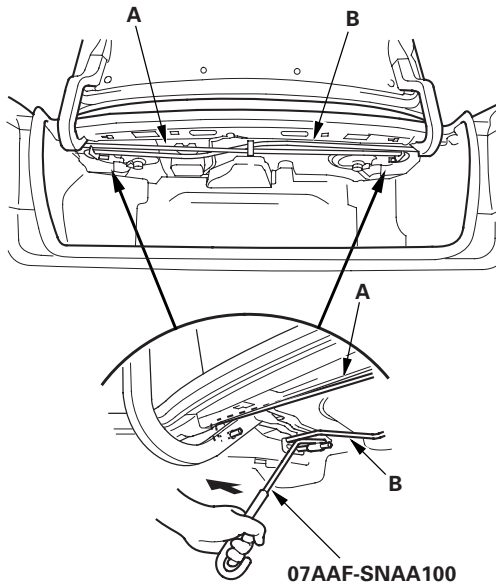
Special Tool Required

Torsion bar assembly tool 07AAF-SNAA100

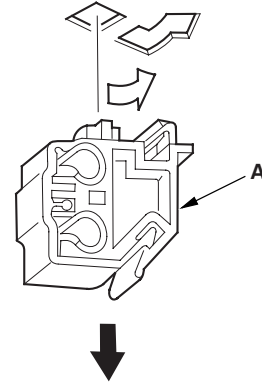
1. Remove the torsion bars (A) from the torsion bar center clip (B).



2. Put on gloves to protect your hands. Remove the torsion bars with the torsion bar assembly tool from both trunk lid hinges. First remove the left torsion bar (A), then remove the right torsion bar (B).

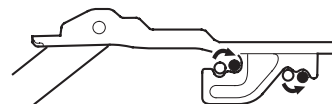
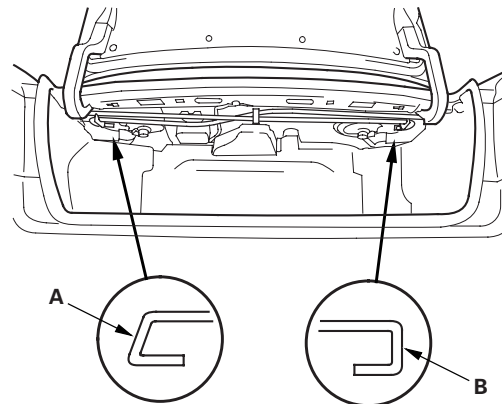


3. Remove the torsion bar center clip (A) from the body.



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

- The shapes of the left torsion bar (A) and the right torsion bar (B) are shown. Install the torsion bars properly.
- Adjust the torsion bars forward or rearward with the torsion bar assembly tool.
- The torsion bars were installed at the factory in the normal position, as shown.
- Make sure the trunk lid opens properly and locks securely.

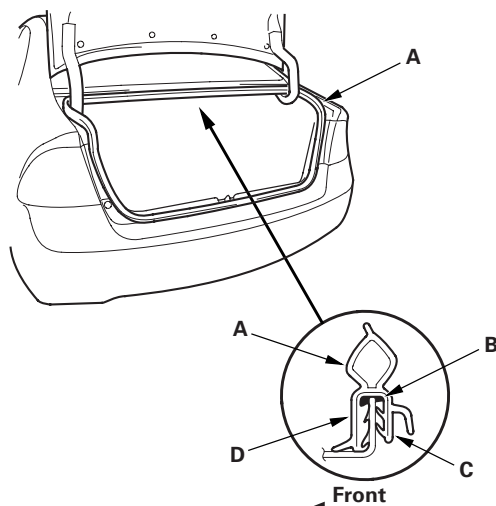


○ = Normal position
● = Higher tension



Trunk Lid Weatherstrip Replacement

1. Remove the trunk lid weatherstrip (A) by pulling it off.

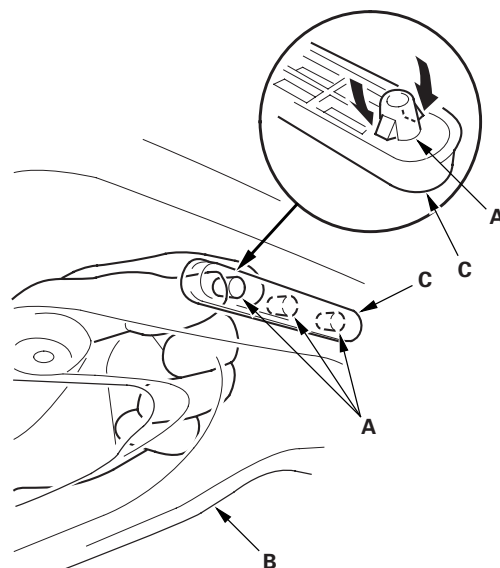


2. Apply clear weatherstrip sealant (B) into the channel of the trunk lid weatherstrip all the way around.
3. Locate the painted alignment mark (C or D) on the trunk lid weatherstrip. Align the painted mark in the center of the trunk lid opening, and install the trunk lid weatherstrip all the way around in the direction shown. Make sure there are no wrinkles in the weatherstrip.
4. Check for water leaks (see step 9 on page 20-29).

Trunk Lid Cushion Replacement

NOTE: Put on gloves to protect your hands.

1. Remove the trunk lid trim (see page 20-82).
2. Detach the clips (A) by pushing it from the hole in the trunk lid (B), then remove the trunk lid cushion (C). Take care not to scratch the trunk lid.

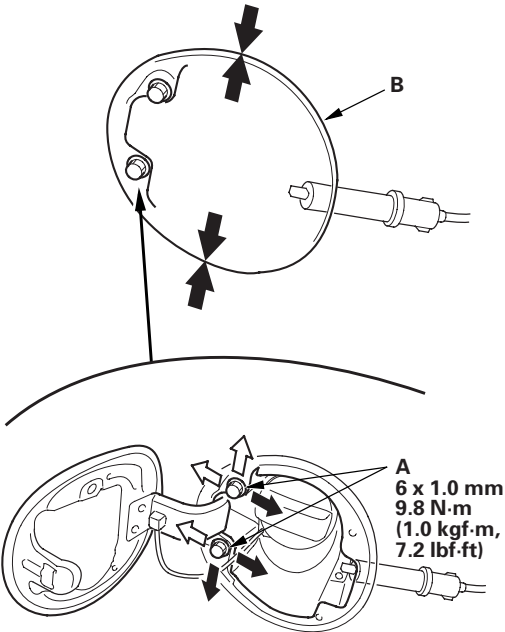


3. Install the cushion in the reverse order of removal.

Fuel Fill Door

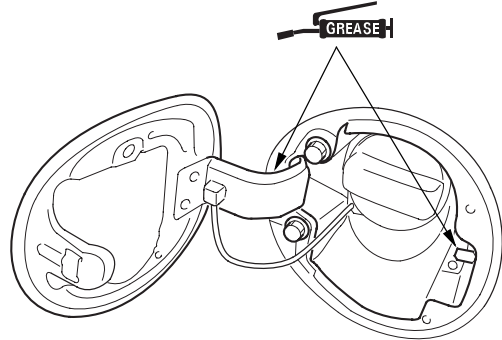
Fuel Fill Door Adjustment

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. Apply multipurpose grease to each location indicated by the arrows.



6. Apply touch-up paint to the hinge mounting bolts and around the hinges.



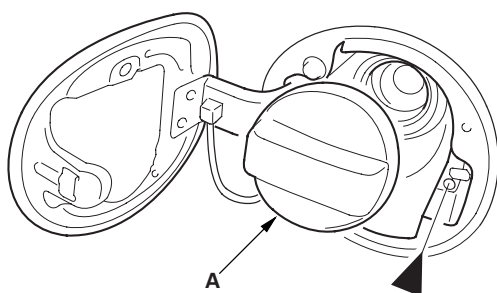
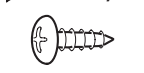
Fuel Cap Adapter Replacement

NOTE: Take care not to scratch the body.

1. Remove the screw. Remove the fuel cap (A) by turning it counterclockwise.

Fastener Location

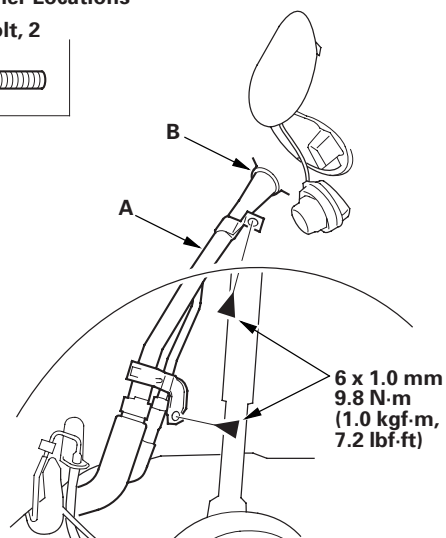
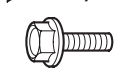
► : Screw, 1



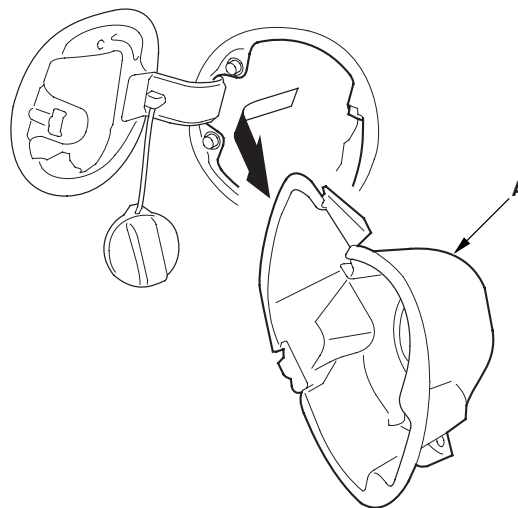
2. Remove the bolts, and lower the fuel filler pipe (A), then remove it from the fuel cap adapter (B).

Fastener Locations

► : Bolt, 2



3. Turn the fuel cap adapter (A), then remove it.



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

Exterior Trim

Front Grille Replacement

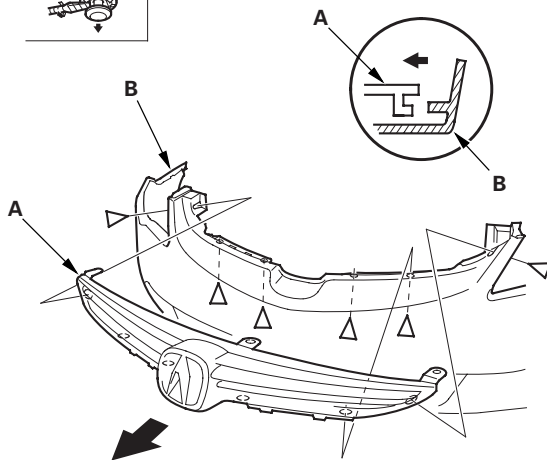
'06-08 Models

NOTE: Take care not to scratch the bumper and the grille.

1. Remove the front bumper (see page 20-146).
2. Remove the clips, then pull the front bumper grille (A) forward from the front bumper base (B).

Fastener Locations

▷ : Clip, 6

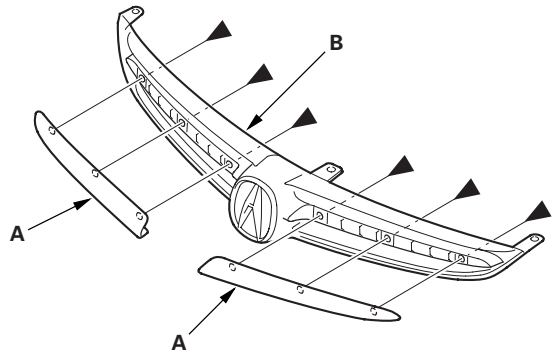
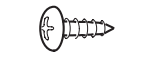


3. If necessary, remove the front "A" emblem from the front grille (see page 20-170).

4. If necessary, remove the screws, then remove the front grille moldings (A) from the front grille base (B).

Fastener Locations

► : Screw, 6



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



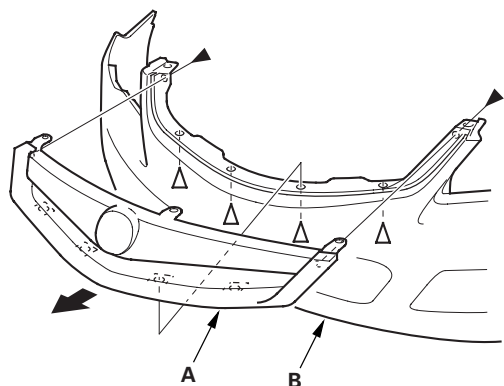
'09 Model

NOTE: Take care not to scratch the bumper and the grille.

1. Remove the front bumper (see page 20-146).
2. Remove the screws, and remove the front grille (A) from the front bumper (B).

Fastener Locations

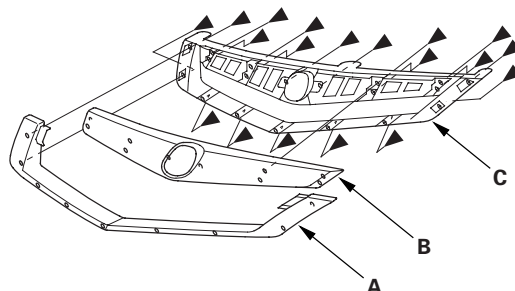
► : Screw, 2 ▷ : Clip, 4



3. Remove the screws, then separate the front grille lower molding (A), the front grille upper molding (B), and the front grille base (C).

Fastener Locations

► : Screw, 19



4. Replace the emblem, if necessary (see page 20-170).
5. Install the grille in the reverse order of removal.

Exterior Trim

Front Grille Replacement

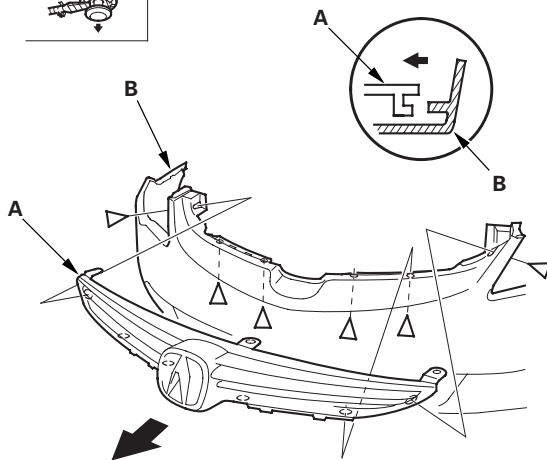
'06-08 Models

NOTE: Take care not to scratch the bumper and the grille.

1. Remove the front bumper (see page 20-146).
2. Remove the clips, then pull the front bumper grille (A) forward from the front bumper base (B).

Fastener Locations

▷ : Clip, 6

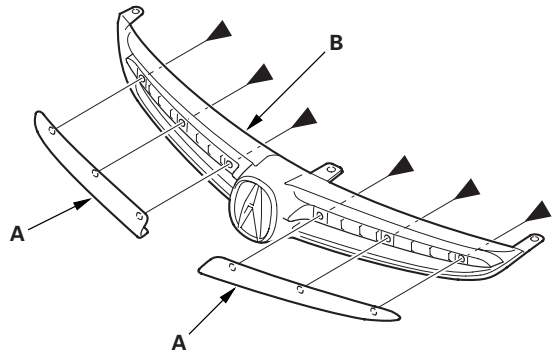


3. If necessary, remove the front "A" emblem from the front grille (see page 20-170).

4. If necessary, remove the screws, then remove the front grille moldings (A) from the front grille base (B).

Fastener Locations

► : Screw, 6



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



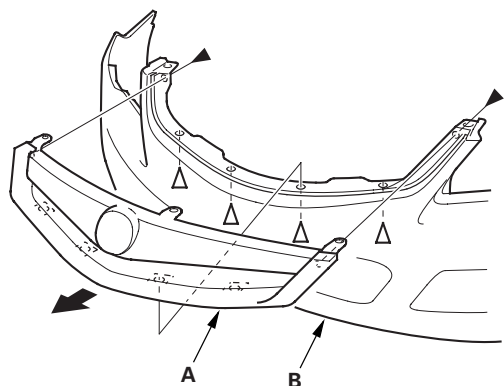
'09 Model

NOTE: Take care not to scratch the bumper and the grille.

1. Remove the front bumper (see page 20-146).
2. Remove the screws, and remove the front grille (A) from the front bumper (B).

Fastener Locations

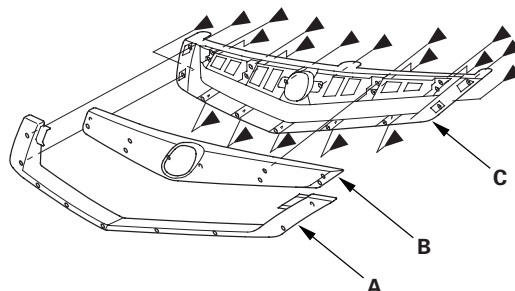
► : Screw, 2 ▢ : Clip, 4



3. Remove the screws, then separate the front grille lower molding (A), the front grille upper molding (B), and the front grille base (C).

Fastener Locations

► : Screw, 19



4. Replace the emblem, if necessary (see page 20-170).
5. Install the grille in the reverse order of removal.

Exterior Trim

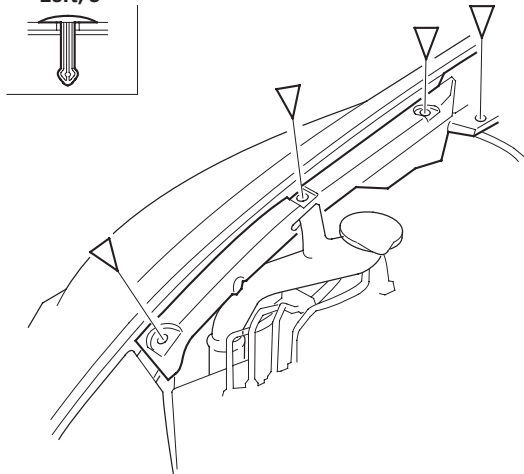
Front Fender Trim Replacement

NOTE: Take care not to scratch the fender trim or the body.

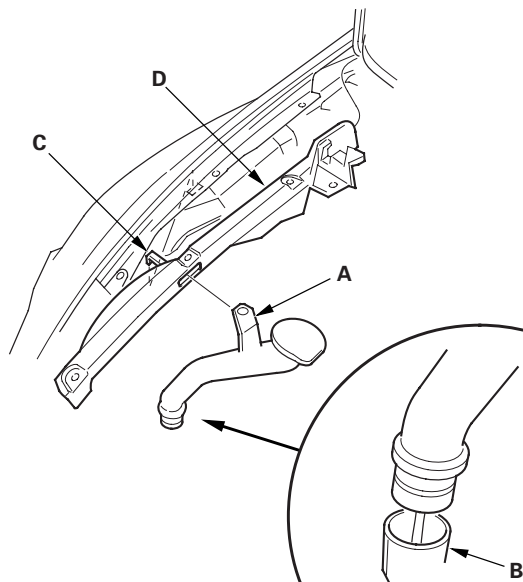
1. Remove the clips with a clip remover.

Fastener Locations

▷ : Clip
Right, 4
Left, 3

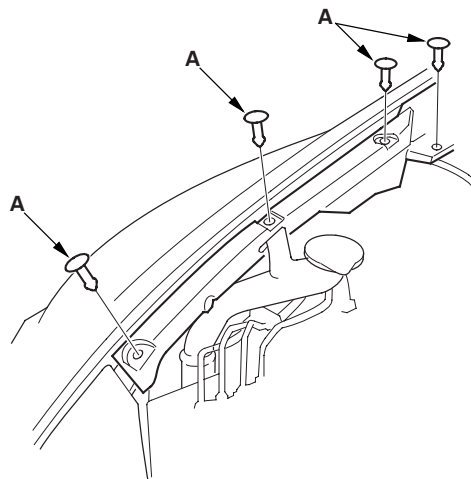


2. Disconnect the washer mouth (A) from the washer tank (B). Release the hook (C), then remove the front fender trim (D) and the washer mouth.



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

- Replace the clips (A) with new ones.
- Push the clips into place securely.





Front Grille Cover Replacement

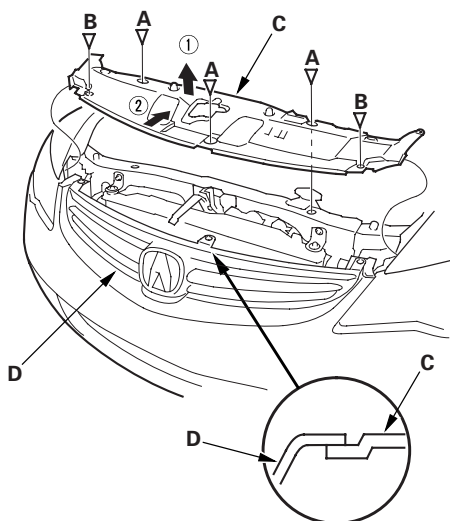
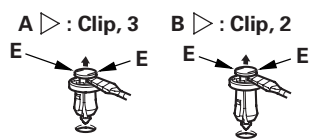
NOTE:

- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to scratch the front bumper or the body.

1. Remove the front fender trim from both sides (see page 20-162).
2. Remove the clips (A, B) by carefully pulling the rear of the front grille cover (C) up, then remove the cover by releasing the front edge of the cover from the front grille (D). Take care not to scratch the body.

NOTE: To release the clips, pry up on the center pin at the notch (E).

Fastener Locations



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clip portions into place securely.

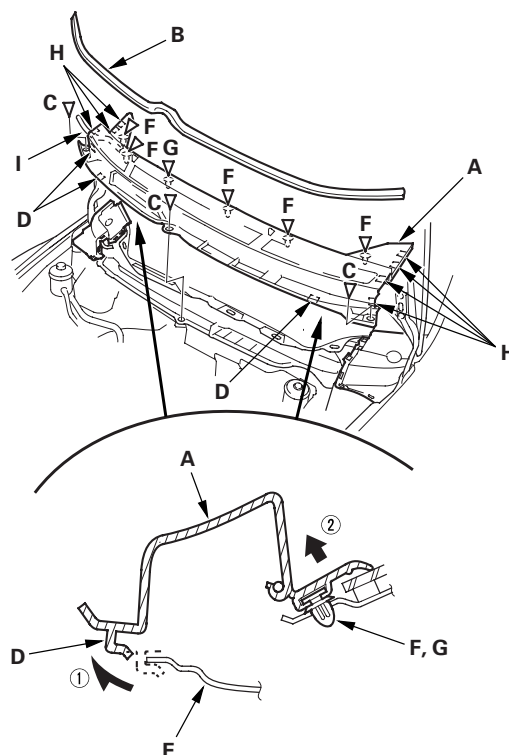
Cowl Cover Replacement

NOTE: Take care not to scratch the body.

1. Turn the ignition switch to ON (II), then turn on the wiper switch. When the wiper arms reach about 90°, quickly turn the ignition switch to LOCK (0).
2. Remove the center cowl cover (A).

- 1 Remove the hood rear seal (B) by pulling it out.
- 2 Remove the clips (C).
- 3 Release three front hooks (D) from the edge of the under-cowl panel (E).
- 4 Detach the clips (F, G) by carefully pulling the cover upward, then remove the cover by releasing the hooks (H). Take care not to scratch the body.

Fastener Locations



3. Disconnect the windshield washer tube (I).

(cont'd)

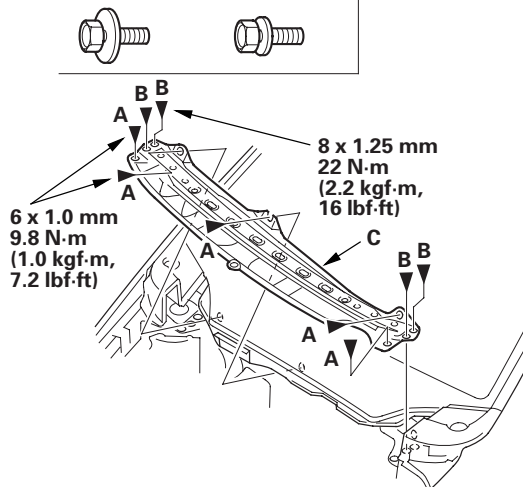
Exterior Trim

Cowl Cover Replacement (cont'd)

4. If necessary, remove the bolts (A, B), then remove the under-cowl panel (C).

Fastener Locations

A ► : Bolt, 5 B ► : Bolt, 4



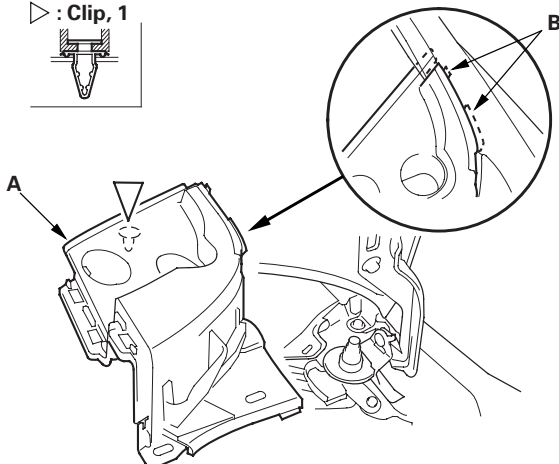
5. Remove these items:

- Windshield wiper arms (see page 22-233)
- Front fender trim, both sides (see page 20-162)

6. Detach the clip by carefully pulling the side cowl cover (A) up, then remove the cover by releasing the hooks (B) from the front fender. Take care not to scratch the body. Repeat this step for the other side cowl cover, and disconnect the windshield washer tube.

Fastener Location

► : Clip, 1



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Make sure the washer tubes are connected securely.
- Make sure the windshield wipers operate normally.
- Push the clips into place securely.



Roof Molding Replacement

Special Tools Required

KTC trim tool set 07AAC-SEPA240

Molding Replacement

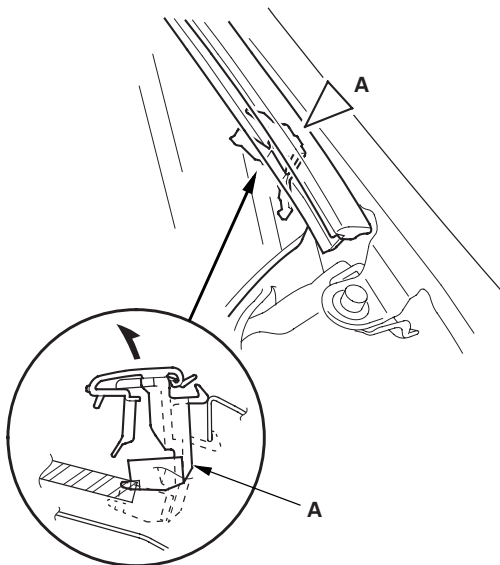
NOTE:

- Put on gloves to protect your hands.
- Take care not to damage the windshield.
- Do not use any metallic tools to remove the roof molding, or you may chip or crack the windshield.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to bend the roof molding.

1. Remove the cowl cover (see page 20-163).
2. Detach the bottom clip (A) at the lower corner of the windshield.

Fastener Location

A ▷ : Clip

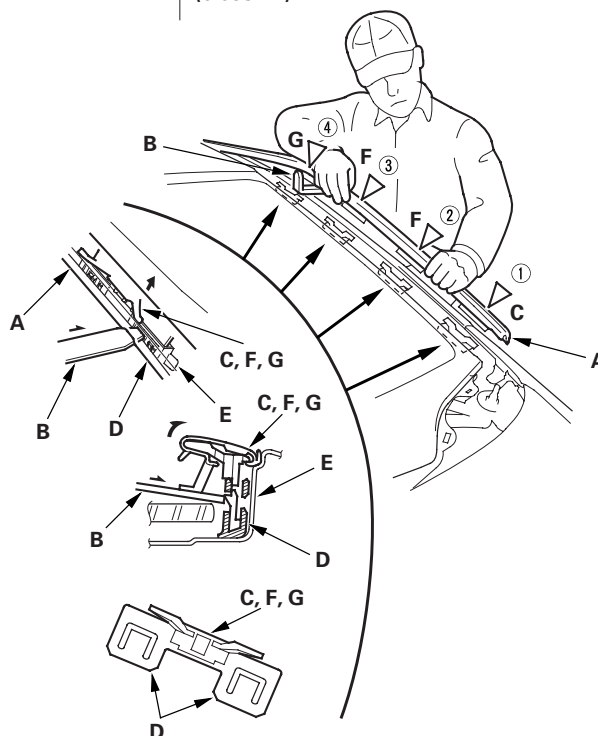
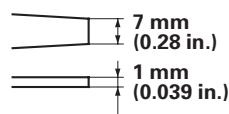


3. Remove the windshield portion of the roof molding (A).

- 1 Carefully insert a trim tool (B) in under the molding next to the lower clip (C).
- 2 While pulling the clip portion of the molding up by hand, push the hooks (D) to release the clip from the retainer (E). Do not pry on the windshield trim with any tools.
- 3 Gradually work your way up to release each of the clips (F, G).

Fastener Locations

C, F ▷ : Clip (Light Green)
G ▷ : Clip (Light Yellow)

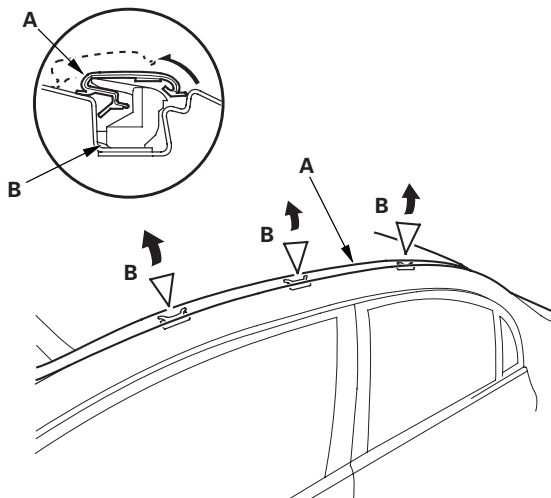


(cont'd)

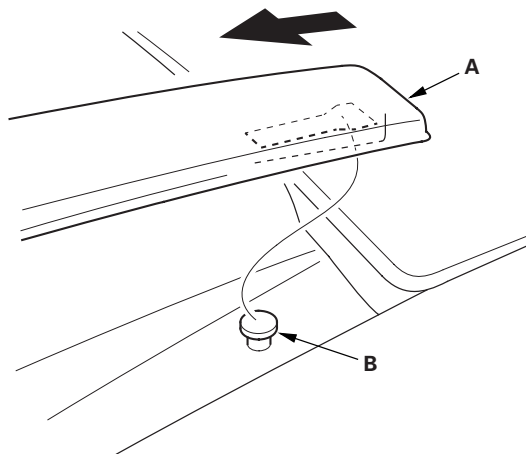
Exterior Trim

Roof Molding Replacement (cont'd)

4. Pull up the middle portion of the roof molding (A) to release it from the retainers (B).



5. Pull up and release the rear end of the roof molding (A) from the pin (B), then remove the roof molding.

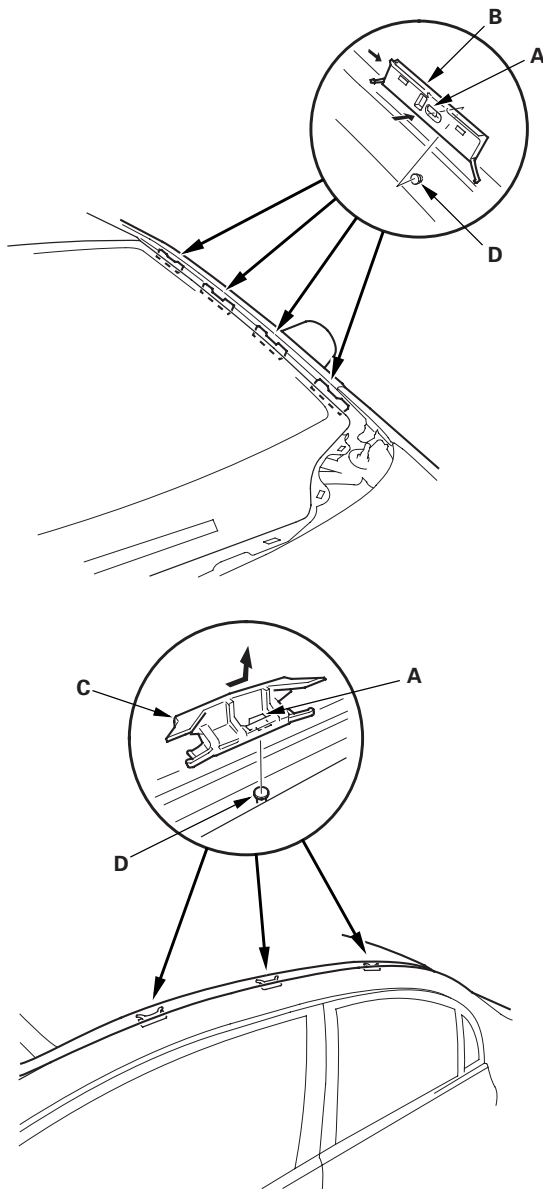


6. Install the molding in the reverse order of removal, and note these items:

- Make sure the roof molding is installed securely.
- If the clips are damaged or stress-whitened, replace them with new ones.

Retainer Replacement

1. While prying the middle hooks (A) with a flat-tip screwdriver, slide the upper retainers (B, C) upward to release them from the pins (D) on the A-pillar and roof drip portion. Take care not to scratch the body.



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



Door Molding Replacement

Special Tools Required

KTC trim tool set 07AAC-SEPA240

NOTE:

- Be careful not to pry too far or you may bend the molding.
- Put on gloves to protect your hands.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Remove these items:

- Front door panel (see page 20-7) and plastic cover (see page 20-3)
- Rear door panel (see page 20-17) and plastic cover (see page 20-5)

2. Release the clips, and gently pry the front door molding (A) or rear door molding (B) away from the door while separating the adhesive tape (C, D, E, F).

Adhesive tape (C): Thickness 1.2 mm (0.047 in.) Width 5 mm (0.2 in.) Length 30 mm (1.18 in.)

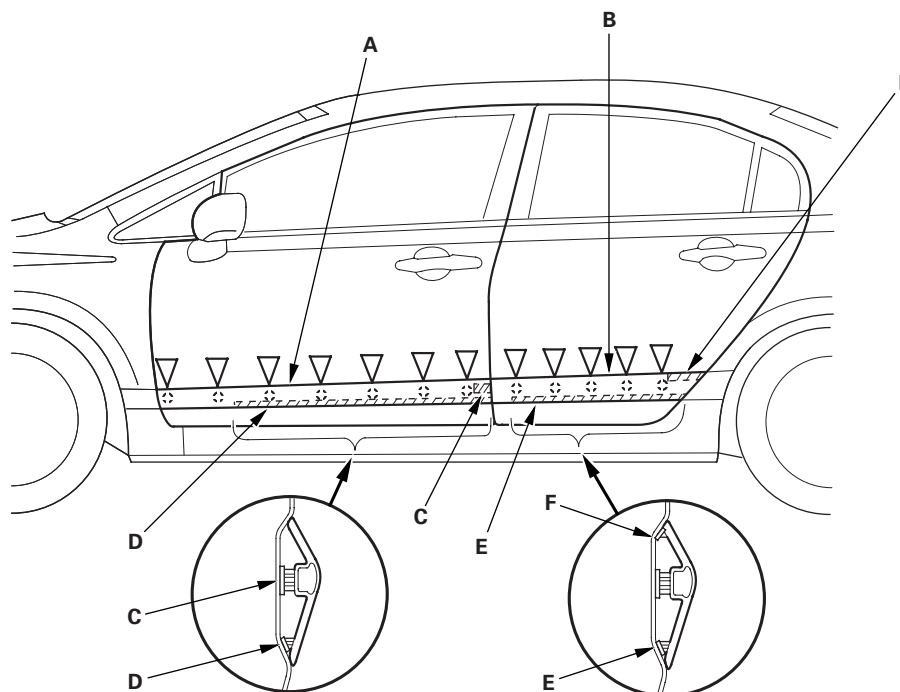
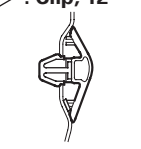
Adhesive tape (D): Thickness 1.2 mm (0.047 in.) Width 10 mm (0.39 in.) Length 930 mm (36.61 in.)

Adhesive tape (E): Thickness 1.2 mm (0.047 in.) Width 10 mm (0.39 in.) Length 580 mm (22.83 in.)

Adhesive tape (F): Thickness 1.2 mm (0.047 in.) Width 5 mm (0.2 in.) Length 24 mm (0.94 in.)

Fastener Locations

▷ : Clip, 12

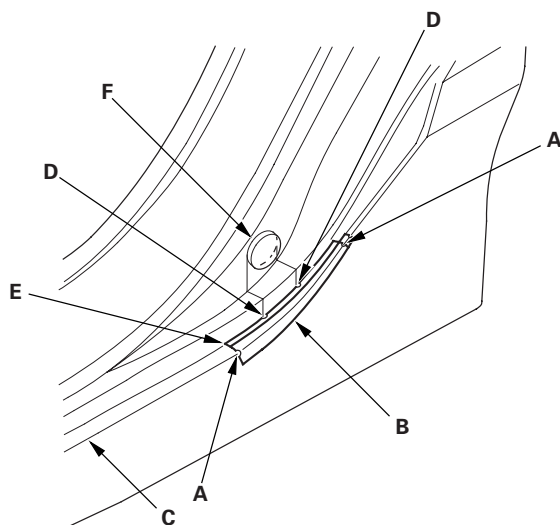


3. Install the moldings in the reverse order of removal, and if the clips are damaged or stress-whitened, replace them with new ones.

Exterior Trim

Side Sill Protection Tape Replacement

1. Slowly peel up the old side sill protection tape.
2. Clean the body bonding surface with a shop towel dampened in isopropyl alcohol. After cleaning, keep oil, grease, and water from getting on the surface.
3. Peel the adhesive backing from the side sill protection tape.
4. Align the alignment marks (A) of the side sill protection tape (B) with the body line (C), and align the alignment marks (D) of the application tape (E) with the round body bulge (F), then press the side sill protection tape into place.

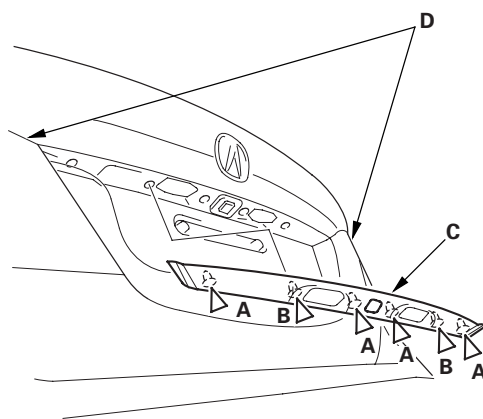
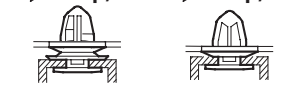


Rear License Trim Replacement

1. Detach the clips (A, B), and on both sides of the rear license trim (C), release the edge of the trim from the inner taillight (D), then remove the trim. Take care not to scratch the trunk lid.

Fastener Locations

A ▷ : Clip, 4 B ▷ : Clip, 2



2. Install the trim in the reverse order of removal, and note these items:
 - If the clips are damaged or stress-whitened, replace them with new ones.
 - Push the clips into place securely.



Trunk Lid Spoiler Replacement

For Some Models

NOTE:

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

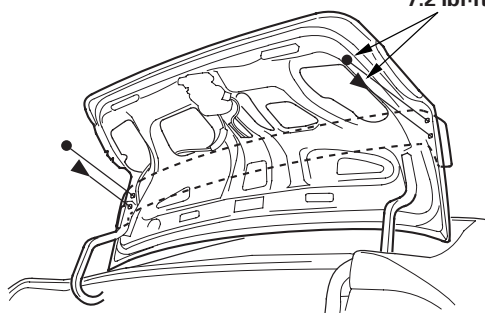
1. Open the trunk lid, and remove the nut and bolts from inside the trunk lid.

Fastener Locations

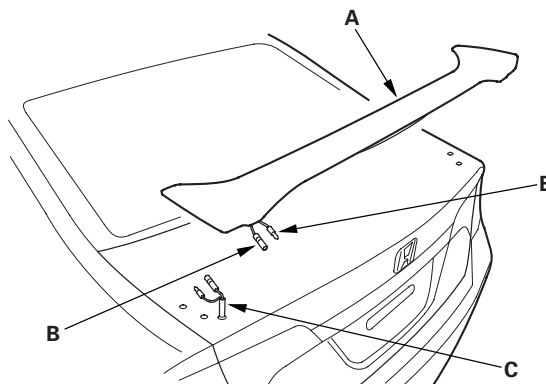
● : Nut, 2 ► : Bolt, 2



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



2. Close the trunk lid. While lifting the trunk lid spoiler (A) up, disconnect the high mount brake light terminals (B) from the spoiler subharness (C), then remove the spoiler.



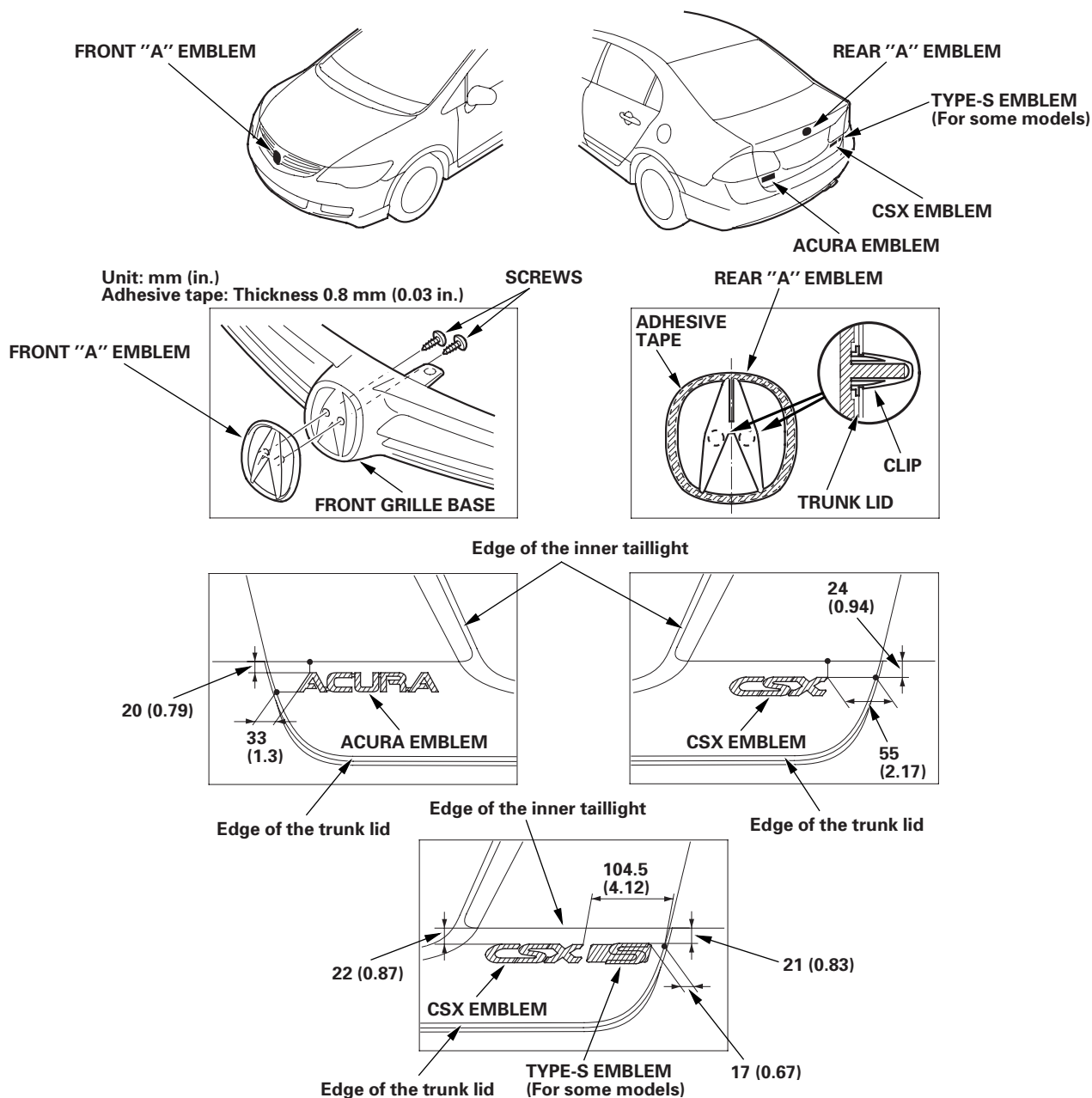
3. Install the spoiler in the reverse order of removal, and make sure the high mount brake light terminals are plugged in properly.

Exterior Trim

Emblem/Sticker Replacement

NOTE: When removing the emblems, take care not to scratch the body.

1. To remove the front "A" emblem, remove the front grille (see page 20-160).
2. Clean the body surface with a shop towel dampened in isopropyl alcohol. After cleaning, keep oil, grease, and water from getting on the surface.
3. Apply the emblem where shown.
4. After installing the front "A" emblem, reinstall the front grille.





Front Inner Fender Replacement

NOTE: Take care not to scratch the body.

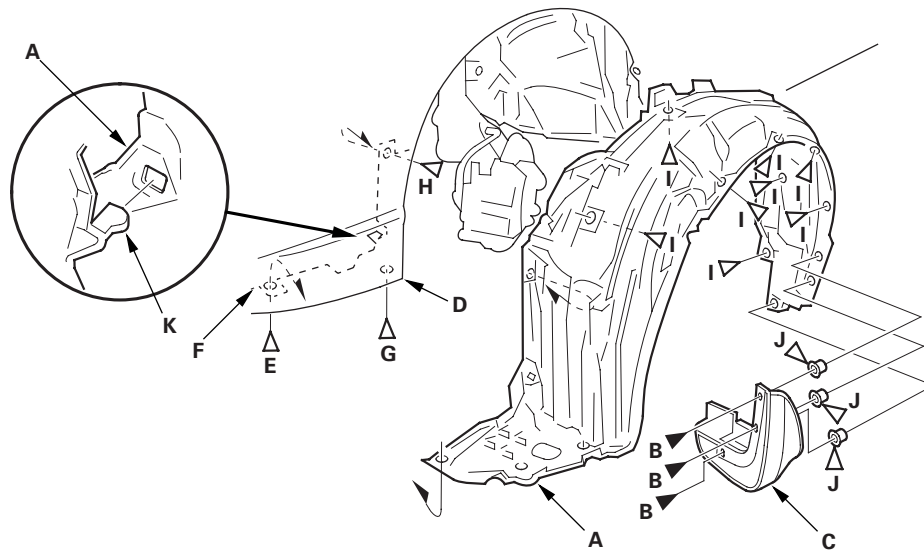
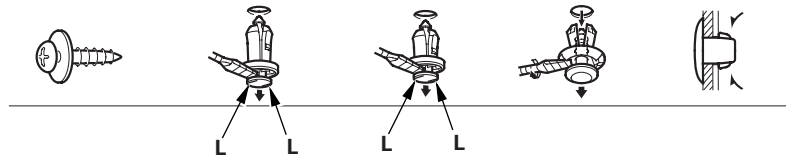
1. Remove the front inner fender (A).

- 1 On the back of the wheel arch, remove the screws (B), and remove the front splash guard (C).
- 2 From under the front bumper (D), remove the clips (E) securing the splash shield (F) and the front inner fender to the front bumper.
- 3 From the wheel arch, remove the clips (G, H, I, J) securing the front inner fender (and splash shield) to the body.
- 4 Release the hook (K) of the splash shield, then remove the front inner fender.

NOTE: To release the clips E, H and G, pry up on the center pin at the notch (L).

Fastener Locations

B ► : Screw, 3 E, H ► : Clip, 2 G ► : Clip, 1 I ► : Clip, 8 J ► : Clip, 3



2. Install the inner fender in the reverse order of removal, and note these items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.

Splash Shield Replacement

NOTE: Take care not to scratch the body.

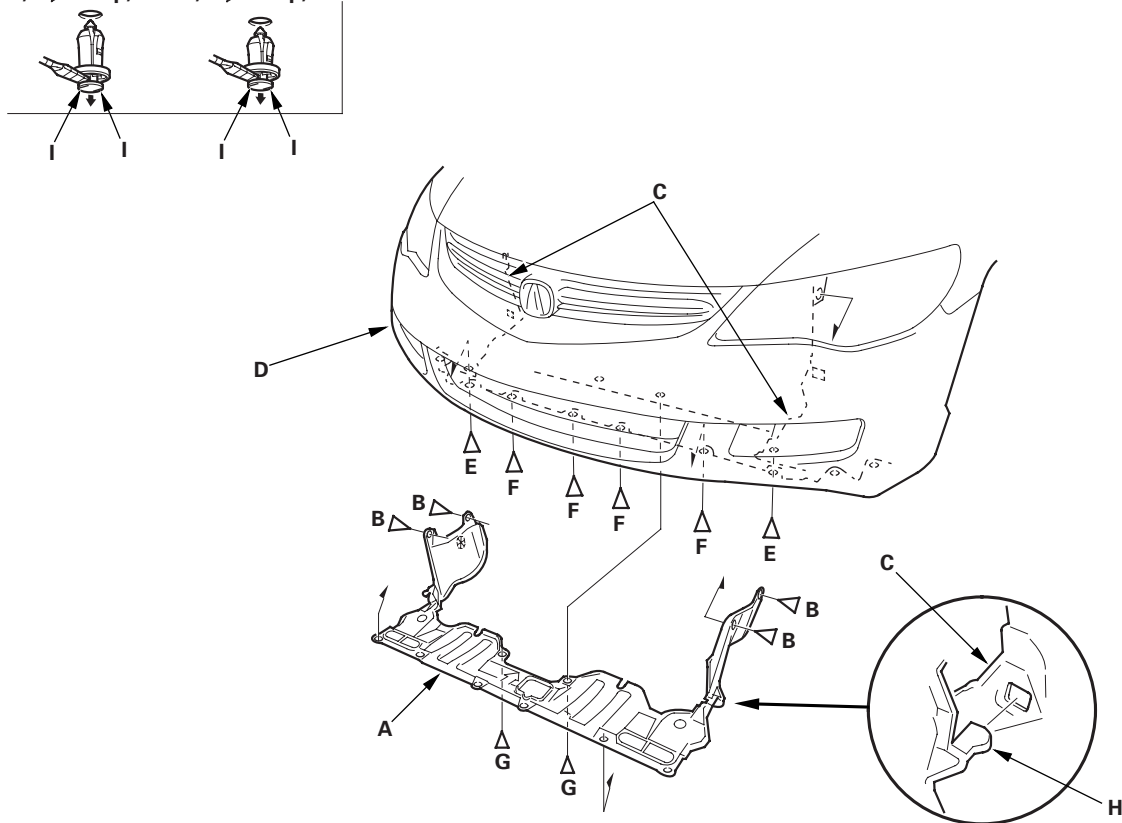
1. Remove the splash shield (A).

- 1 Remove the clips (B) that secure the front inner fender (C) and the front splash shield to the body.
- 2 From under the front bumper (D), remove the clips (E, F).
- 3 From under the body, remove the clips (G).
- 4 Release the hooks (H) of the front splash shield, then pull the splash shield out.

NOTE: To release the clips B, E, F and G, pry up on the center pin at the notch (I).

Fastener Locations

B, E ▷ : Clip, 6 F, G ▷ : Clip, 6



2. Install the splash shield in the reverse order of removal, and note these items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.

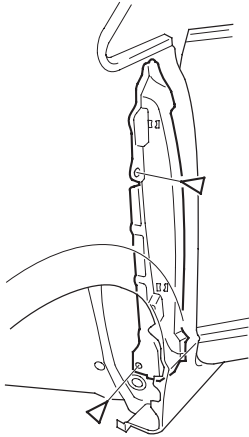
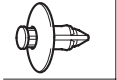


Front Fender Fairing Replacement

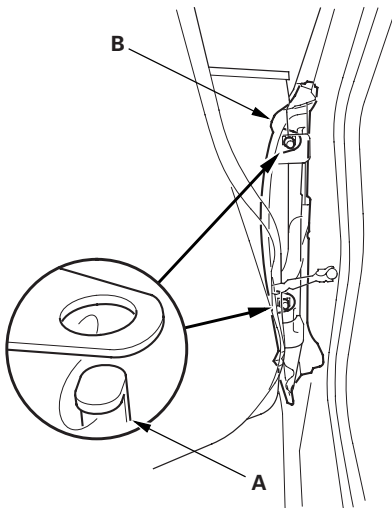
1. Remove the front inner fender as needed (see page 20-171).
2. From the wheel arch, remove the clips.

Fastener Locations

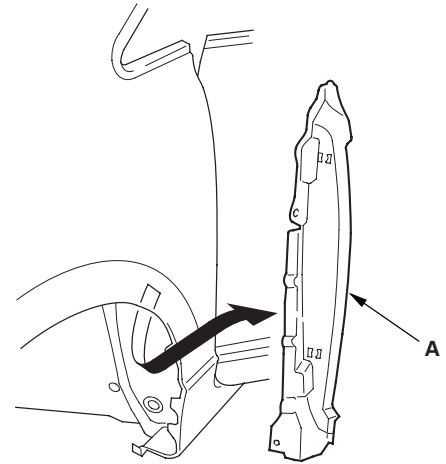
▷ : Clip, 2



3. Open the front door. Detach the hooks (A) securing the front fender fairing (B).



4. Remove the front fender fairing (A).



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

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips and the hooks into place securely.

Middle Floor Undercover Replacement

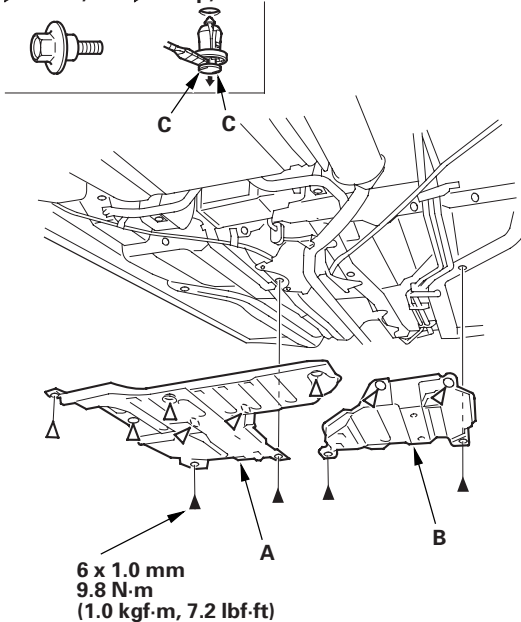
NOTE: Take care not to scratch the body.

1. Remove the bolts, and detach the clips, then remove the left middle floor undercover (A) and right middle undercover (B).

NOTE: To release the clips, pry up on the center pin at the notch (C).

Fastener Locations

► : Bolt, 4 ▷ : Clip, 8



2. Install the undercovers in the reverse order of removal, and note these items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.

Rear Floor Undercover Replacement

1. Remove the clips and the bolts, then remove the rear floor undercover (A). Take care not to scratch the rear bumper (B).

Fastener Locations

▷ : Clip, 3 ► : Bolt, 3



2. Install the undercover in the reverse order of removal, and note these items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.



Fuel Pipe Protector Replacement

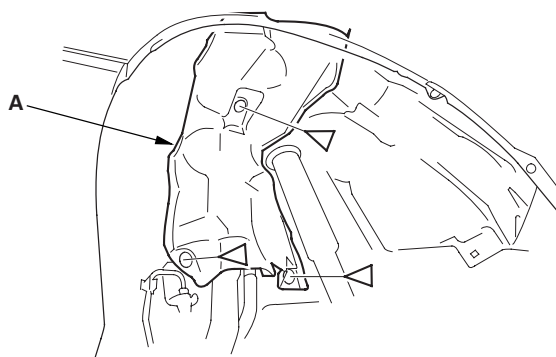
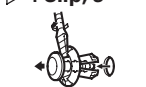
NOTE:

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

1. Remove the left rear wheel (see page 18-32).
2. Remove the clips, then remove the fuel pipe protector (A).

Fastener Locations

▷ : Clip, 3



3. Install the protector in the reverse order of removal, and note these items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- Push the clips into place securely.

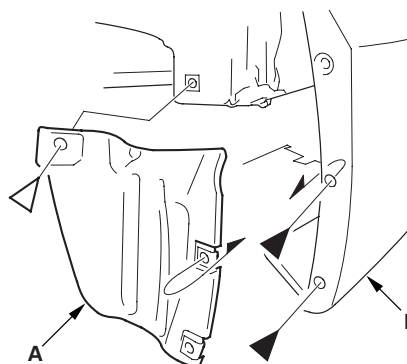
Rear Fender Cover Replacement

NOTE: Take care not to scratch the rear bumper and the body.

1. Remove the screws and the clip, then remove the rear fender cover (A) from the rear bumper (B) and the body.

Fastener Locations

▶ : Screw, 2 ▷ : Clip, 1



2. Install the fender cover in the reverse order of removal, and if the clip is damaged or stress-whitened, replace them with a new one.

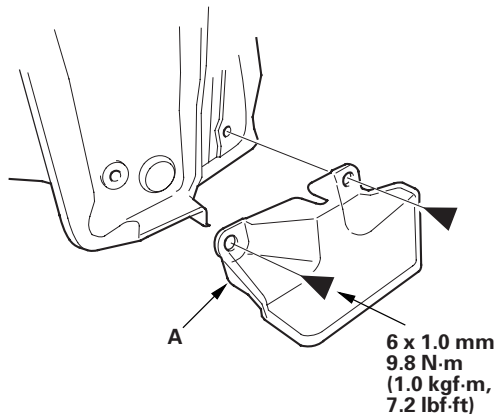
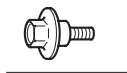
Rear Strake Replacement

NOTE: Take care not to scratch the body.

1. Remove the bolts, then remove the rear strake (A) from the body.

Fastener Locations

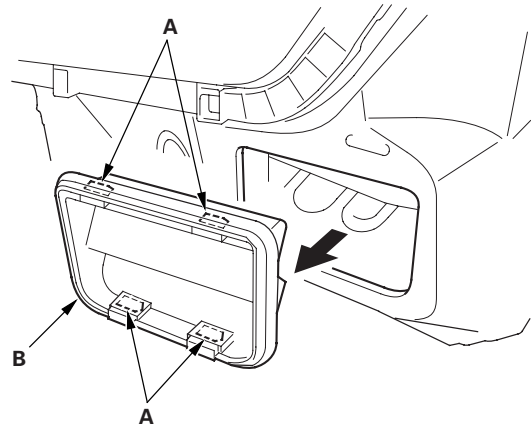
► : Bolt, 2



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

Rear Air Outlet Replacement

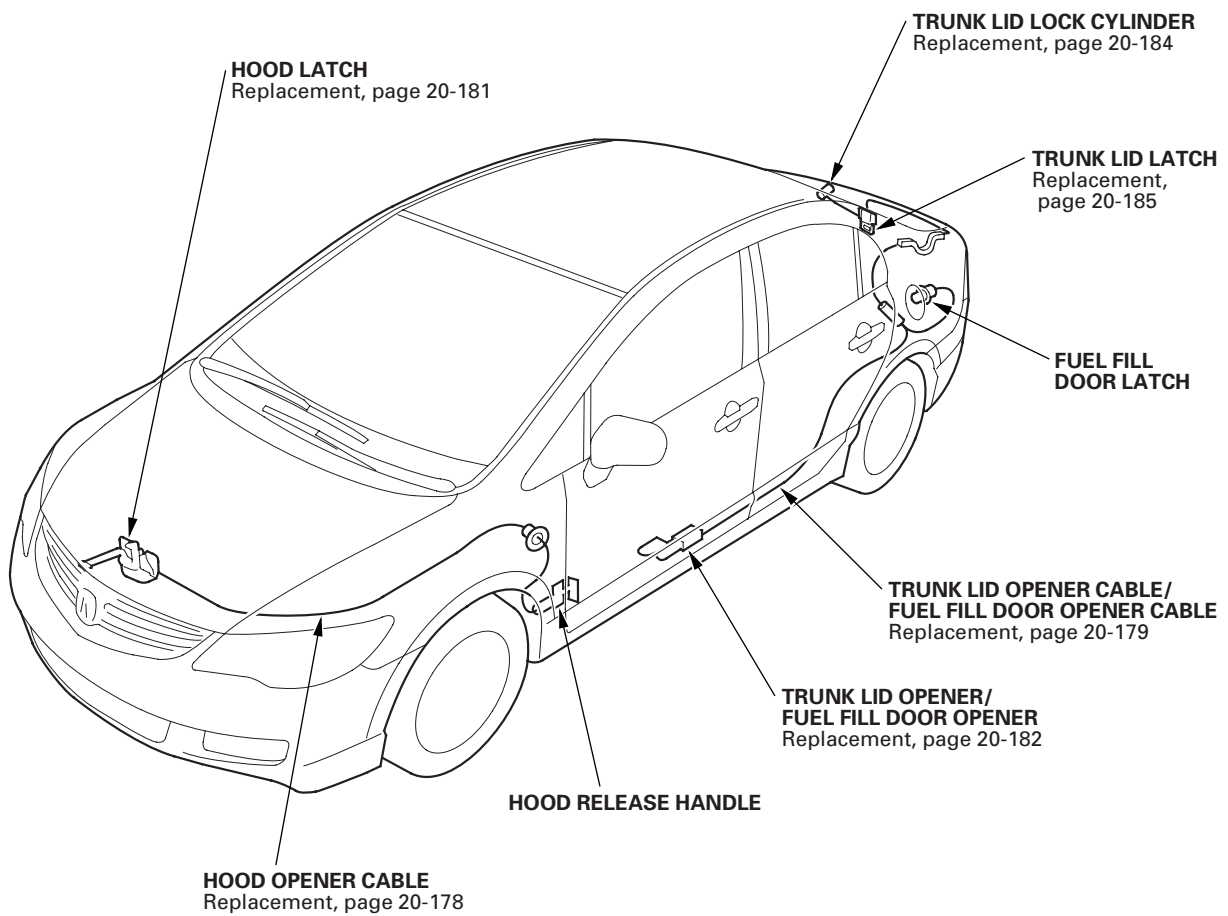
1. Remove the rear bumper (see page 20-149).
2. Detach the hooks (A), then remove the rear air outlet (B). Take care not to scratch the body.



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



Component Location Index



Openers

Hood Opener Cable Replacement

NOTE:

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

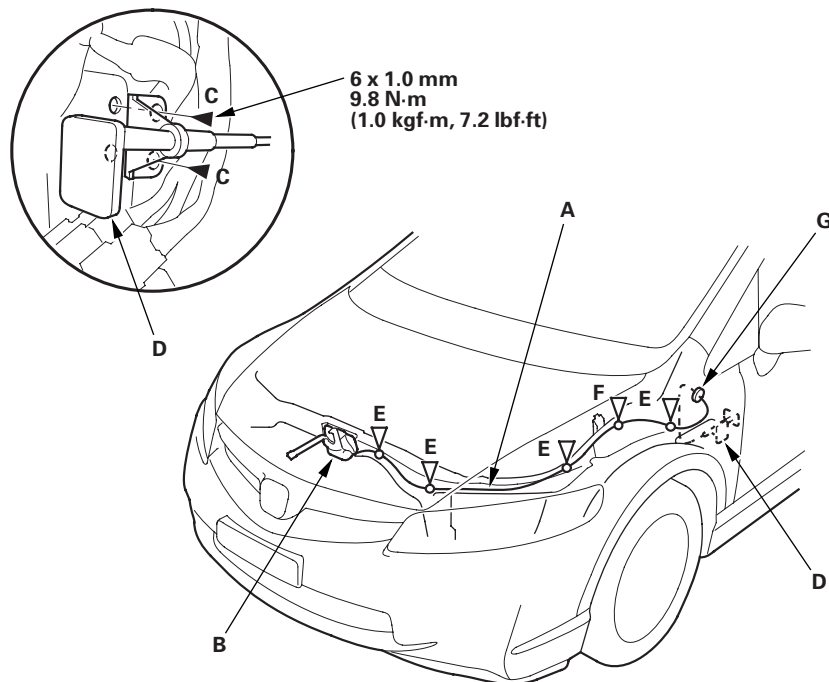
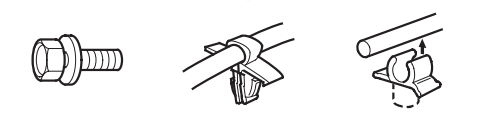
1. Remove these items:

- Front grille cover (see page 20-163)
- Front inner fender, driver's side (see page 20-171)
- Kick panel, driver's side (see page 20-66)

2. Disconnect the hood opener cable (A) from the hood latch (B) (see page 20-181), and remove the bolts (C), then remove the hood release handle (D). Take care not to kink the cable.

Fastener Locations

C ► : Bolt, 2 E ▷ : Clip, 4 F ▷ : Clip, 1



3. Detach the clips (E) with a clip remover, release the hood opener cable from the clip (F), and remove the grommet (G) from the body, then remove the hood opener cable from the vehicle. Take care not to kink the cable.
4. Install the cable in the reverse order of removal, and if the clips are damaged or stress-whitened, replace them with new ones.



Trunk Lid Opener Cable/Fuel Fill Door Opener Cable Replacement

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing 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:

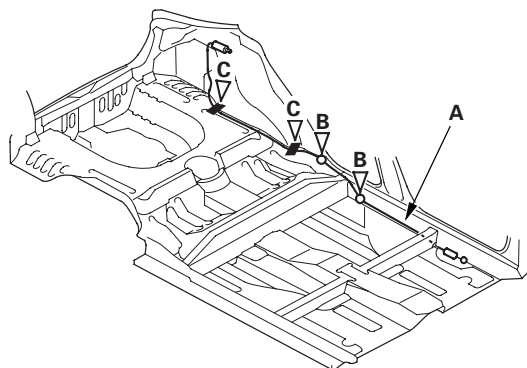
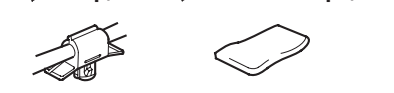
- Rear seat cushion (see page 20-133)
- Rear seat side bolster (see page 20-134)
- Front door sill trim, driver's side (see step 3 on page 20-66)
- Kick panel, driver's side (see page 20-66)
- Rear door sill trim, both sides (see page 20-67)
- B-pillar lower trim, driver's side (see page 20-72)
- Trunk side trim panel, left side (see step 6 on page 20-81)
- Trunk lid trim (see page 20-82)
- Trunk lid opener/fuel fill door opener (see page 20-182)
- Fuel cap adapter (see page 20-159)

2. Pull the carpet back as needed.

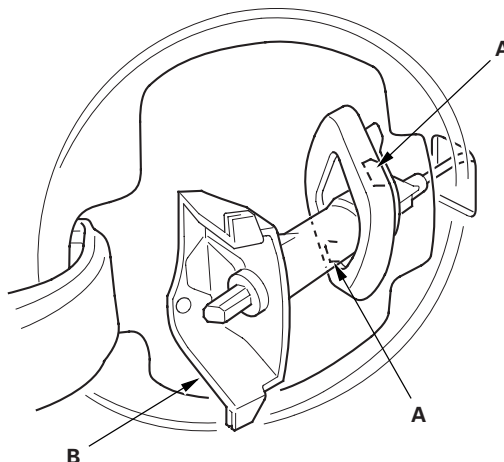
3. Release the opener cable (A) from the clips (B). Remove the cushion tape (C).

Fastener Locations

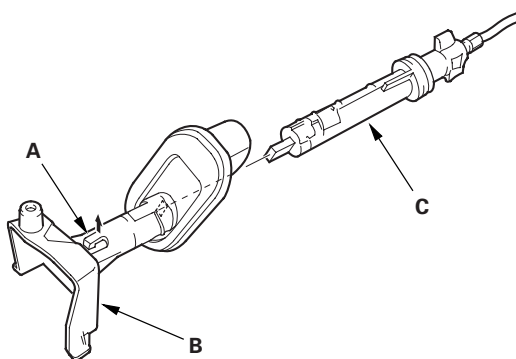
B ▷ : Clip, 2 C ▷ : Cushion tape, 2



4. While pinching the hooks (A) from inside the vehicle, remove the grommet (B) from the body.



5. Release the hook (A), then remove the grommet (B) from the fuel fill door latch (C).



(cont'd)

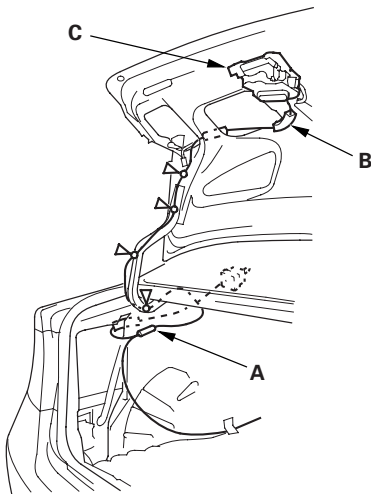
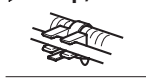
Openers

Trunk Lid Opener Cable/Fuel Fill Door Opener Cable Replacement (cont'd)

6. Remove the fuel fill door opener cable from inside the body.
7. Detach the opener cable junction box (A) from the body.

Fastener Locations

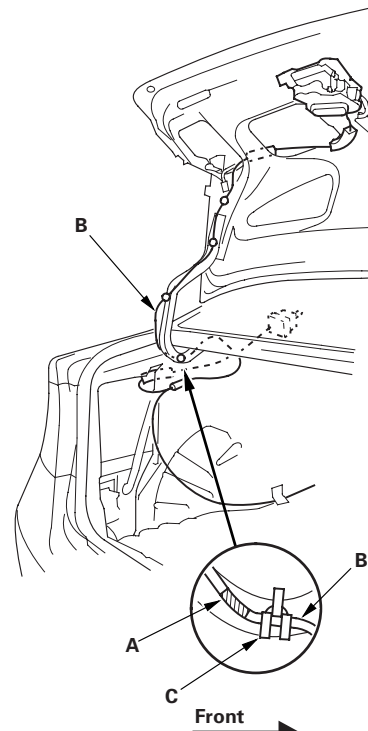
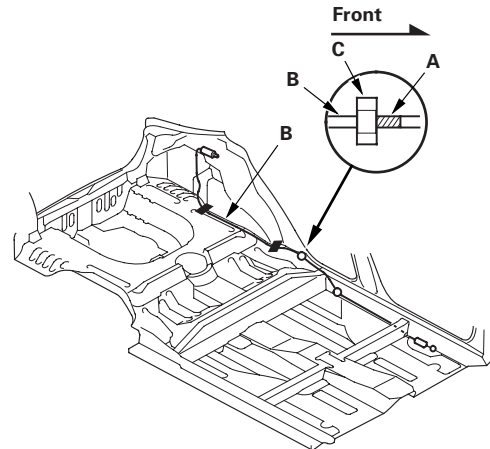
▷ : Clip, 4



8. Disconnect the trunk lid opener cable (B) from the trunk lid latch (C) (see page 20-185).
9. Release the trunk lid opener/fuel fill door opener cable from the clips.
10. Remove the trunk lid opener/fuel fill door opener cable from the vehicle. Take care not to kink the cable.

11. Install the opener cable in the reverse order of removal, and note these items:

- Align the marks (A) on the opener cable (B) with the cable clips (C) as shown.
- Replace any damaged clips and the cushion tape.



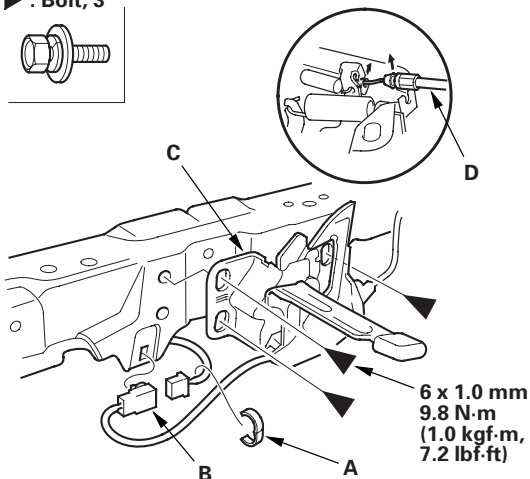


Hood Latch Replacement

1. Remove the front grille cover (see page 20-163).
2. With hood latch switch: Remove the clip (A), then disconnect and detach the hood latch switch connector (B).

Fastener Locations

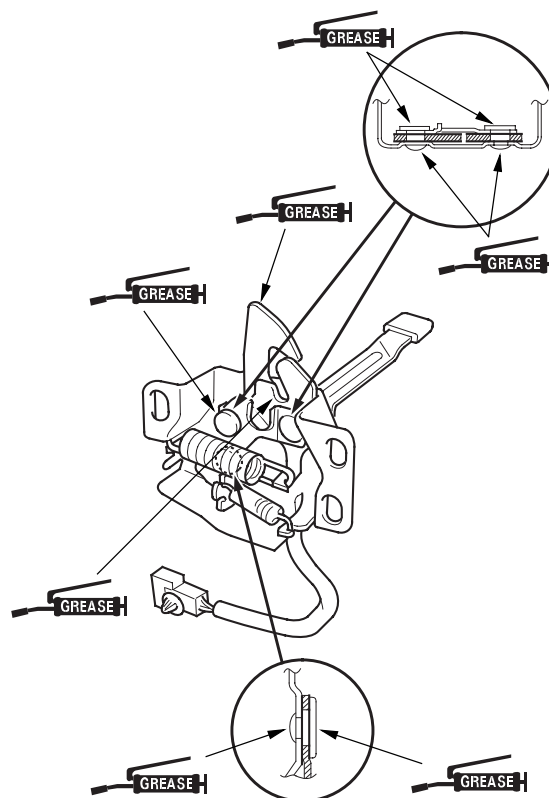
► : Bolt, 3



3. Remove the bolts, then remove the hood latch (C) from the body, and disconnect the hood opener cable (D) from the hood latch.

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

- Apply multipurpose grease to each location of the hood latch indicated by the arrows.
- Make sure the hood opener cable is connected properly and the hood latch switch connector is plugged in properly (for some models).
- Adjust the hood latch alignment (see step 4 on page 20-152).
- Make sure the hood opens properly and locks securely.



Openers

Trunk Lid Opener/Fuel Fill Door Opener Replacement

Special Tools Required

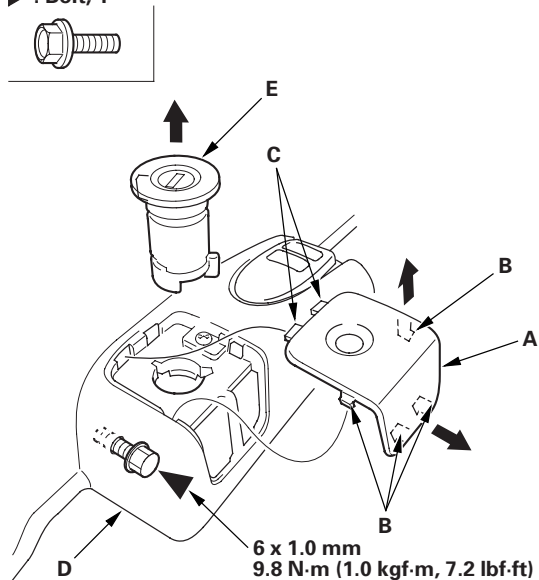
KTC trim tool set :07AAC-SEPA240

NOTE: Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.

1. Pry out the bottom edge of the front side cap (A) at the notch with the appropriate trim tool to detach the hooks (B), and release the hooks (C), then remove the cap from the front door sill trim (D).

Fastener Location

► : Bolt, 1

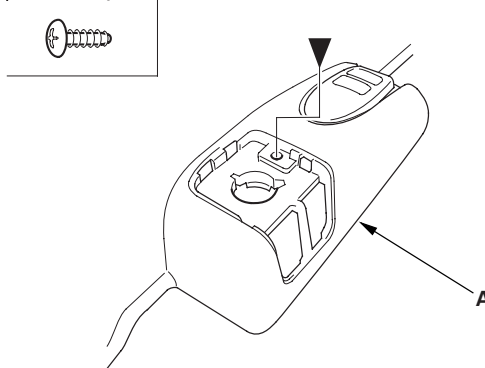


2. Remove the opener lock cylinder (E), and loosen the bolt.

3. Remove the screw securing the front door sill trim (A) and trunk lid opener/fuel full door opener.

Fastener Location

► : Screw, 1



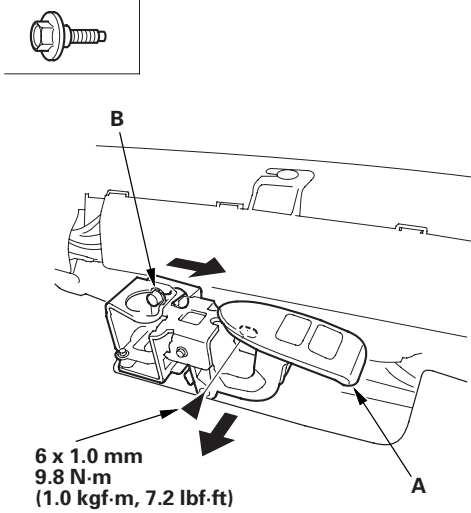
4. Remove the front door sill trim (see step 3 on page 20-66).



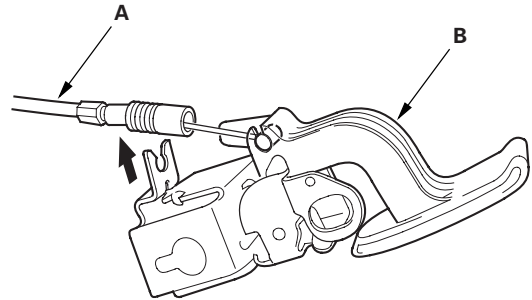
5. Remove the bolt, then remove the trunk lid opener/fuel fill door opener (A) from the bolt (B).

Fastener Location

► : Bolt, 1



6. Disconnect the trunk lid opener/fuel fill door opener cable (A), then remove the opener (B). Take care not to kink the cable.



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

- Make sure the opener cable is connected properly.
- Make sure the trunk lid and fuel fill door open properly and lock securely.
- If the trunk lid or the fuel fill door does not open properly, adjust the position of the cable end on the opener.

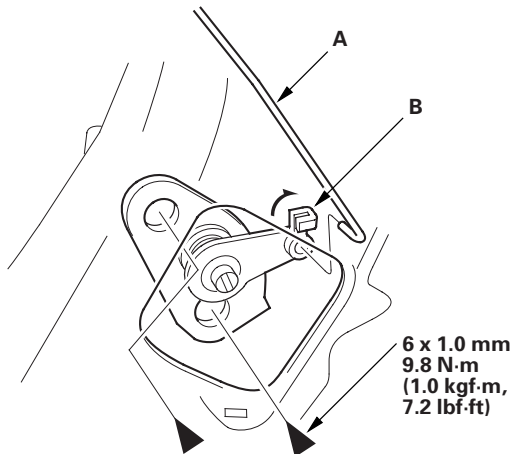
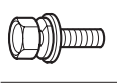
Trunk Lid Lock Cylinder Replacement

1. Remove the trunk lid trim (see page 20-82).
2. Disconnect the cylinder rod (A).

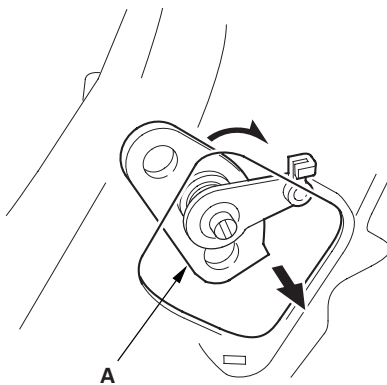
NOTE: Check for a damaged or stress-whitened rod fastener (B).

Fastener Locations

► : Bolt, 2



3. Remove the bolts securing the lock cylinder.
4. Turn the lock cylinder (A) to release the hook from the trunk lid, then remove the lock cylinder.



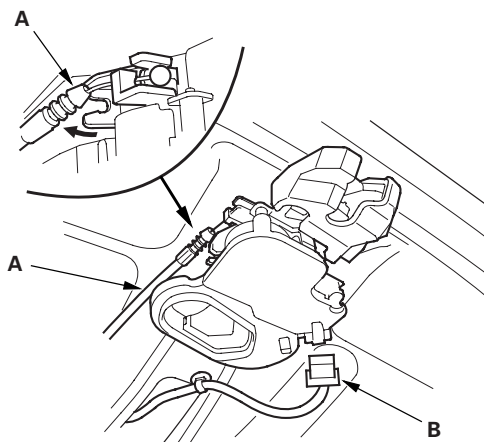
5. Install the lock cylinder in the reverse order of removal, and note these items:

- If the rod fastener is damaged, replace it with a new one.
- Make sure the cylinder rod is connected properly.
- Make sure the trunk lid opens properly and locks securely.



Trunk Lid Latch Replacement

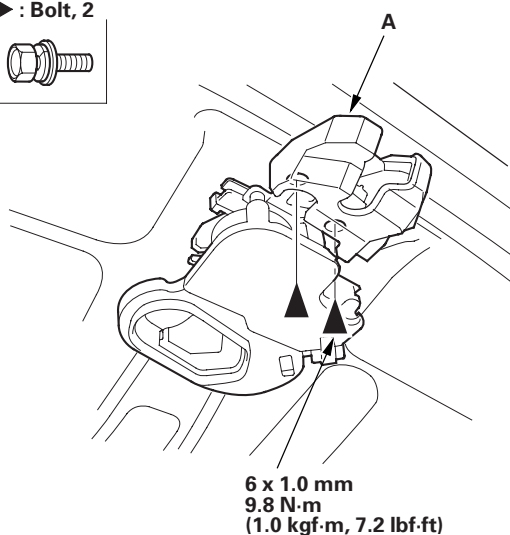
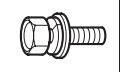
1. Remove the trunk lid trim (see page 20-82).
2. Disconnect the cylinder rod from the lock cylinder (see step 2 on page 20-184).
3. Disconnect the trunk lid opener cable (A), and disconnect the power trunk lid actuator connector (B). Take care not to kink the opener cable.



4. Remove the bolts from the trunk lid latch (A).

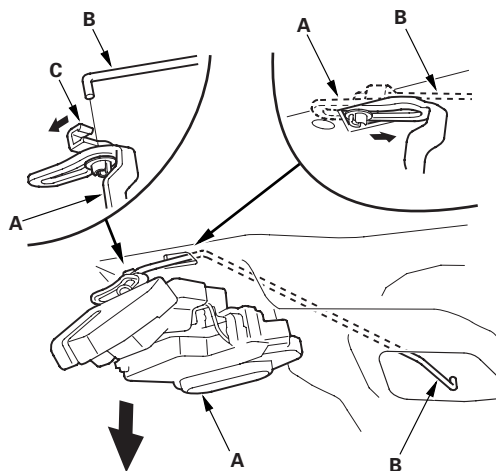
Fastener Locations

► : Bolt, 2



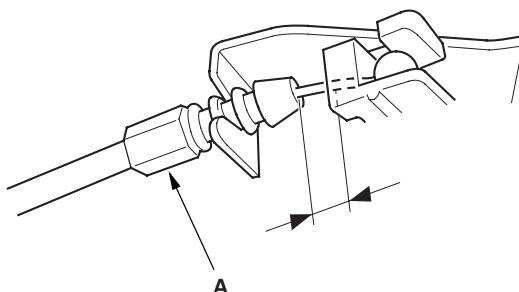
5. Pull the trunk lid latch (A) out, and disconnect the cylinder rod (B) from the trunk lid latch. Take care not to bend the cylinder rod.

NOTE: Check for a damaged or stress-whitened rod fastener (C).



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

- Replace the rod fastener if it is damaged.
- Make sure the connector is plugged in properly and the opener cable is connected properly.
- Make sure the trunk lid opens properly and locks securely.
- If the trunk latch does not operate properly, adjust the position of the cable end (A) on the latch.



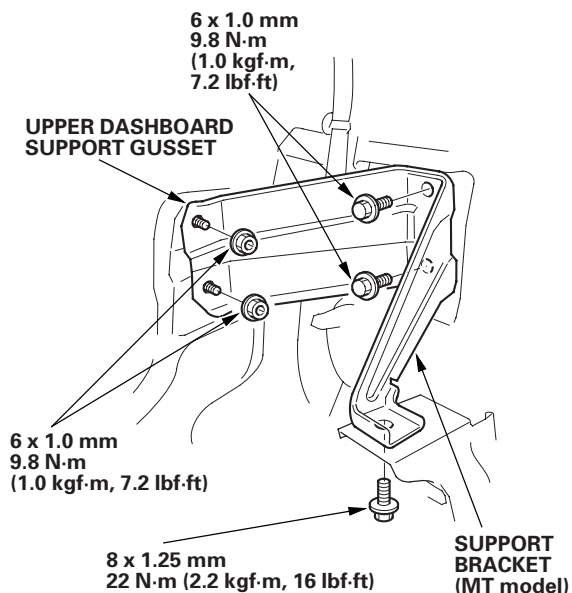
Frame

Upper Dashboard Support Gusset Replacement

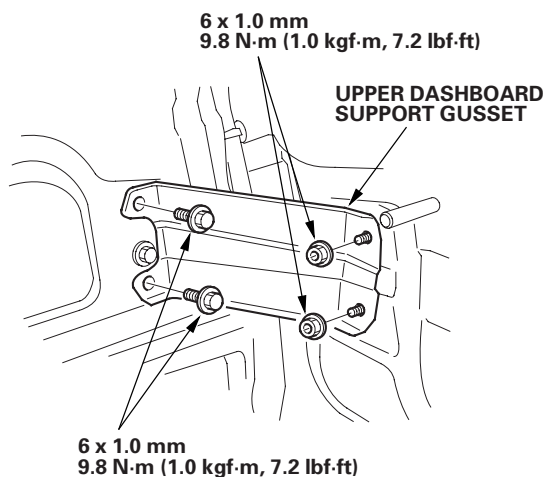
Upper Dashboard Support Gusset Torque

NOTE: Take care not to scratch the body.

Driver's side



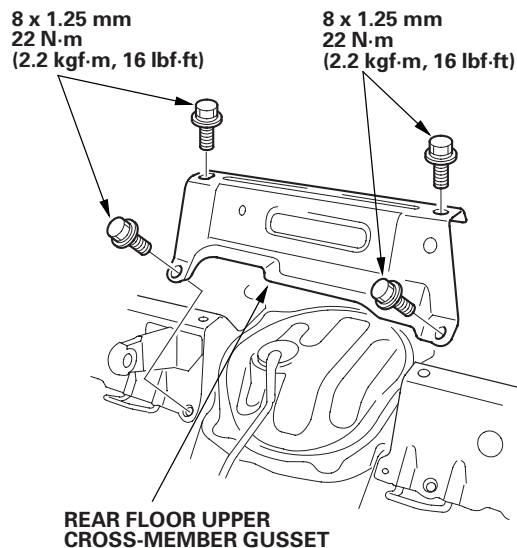
Passenger's side



Rear Floor Upper Cross-member Gusset Replacement

Rear Floor Upper Cross-member Gusset Torque

NOTE: Take care not to scratch the body.



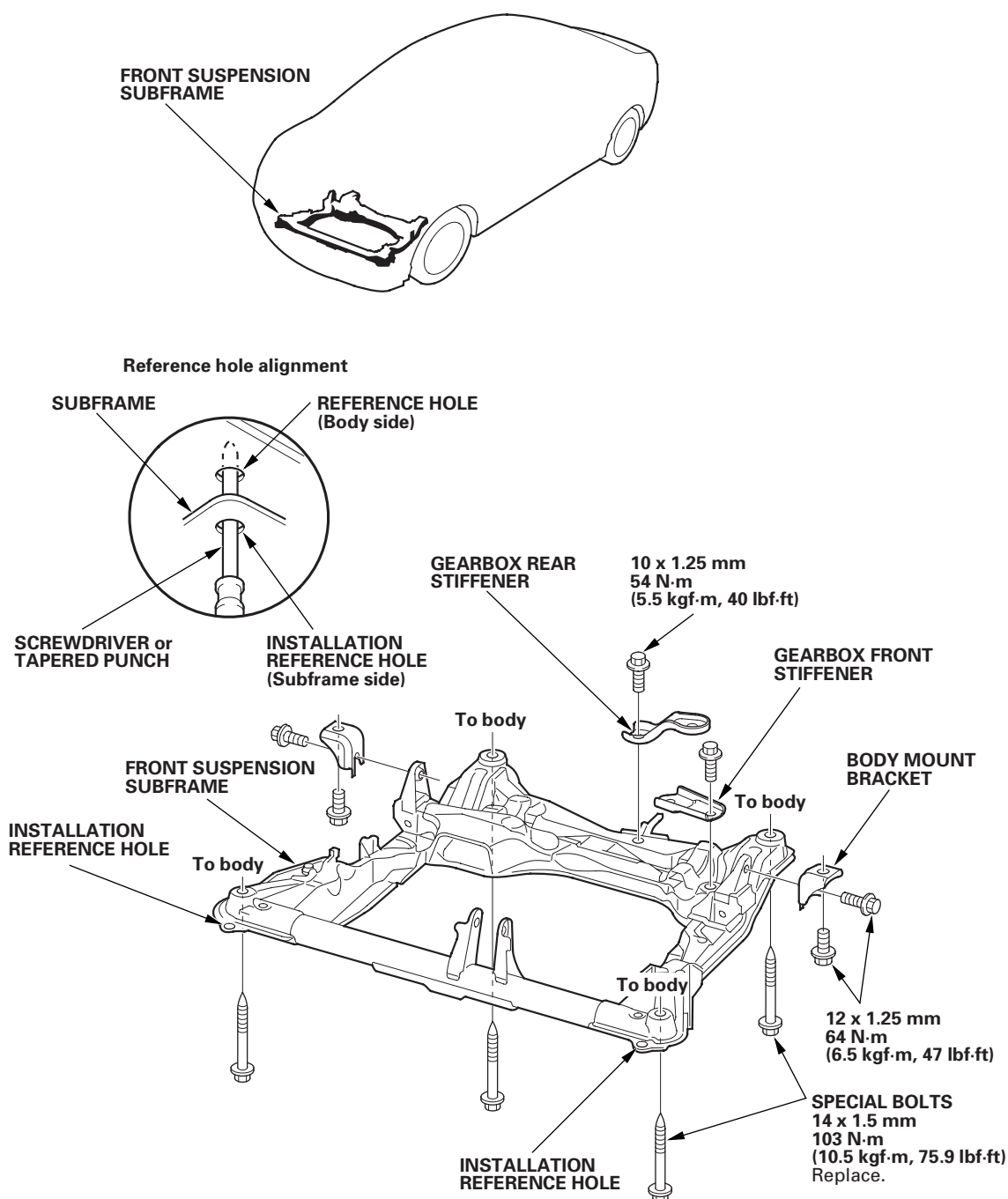


Subframe Replacement

Front Subframe Torque

NOTE:

- After loosening the subframe mounting bolts, be sure to replace them with new ones.
- When installing, align both installation reference holes in the subframe with both reference holes in the body using a screwdriver or tapered punch as a guide.

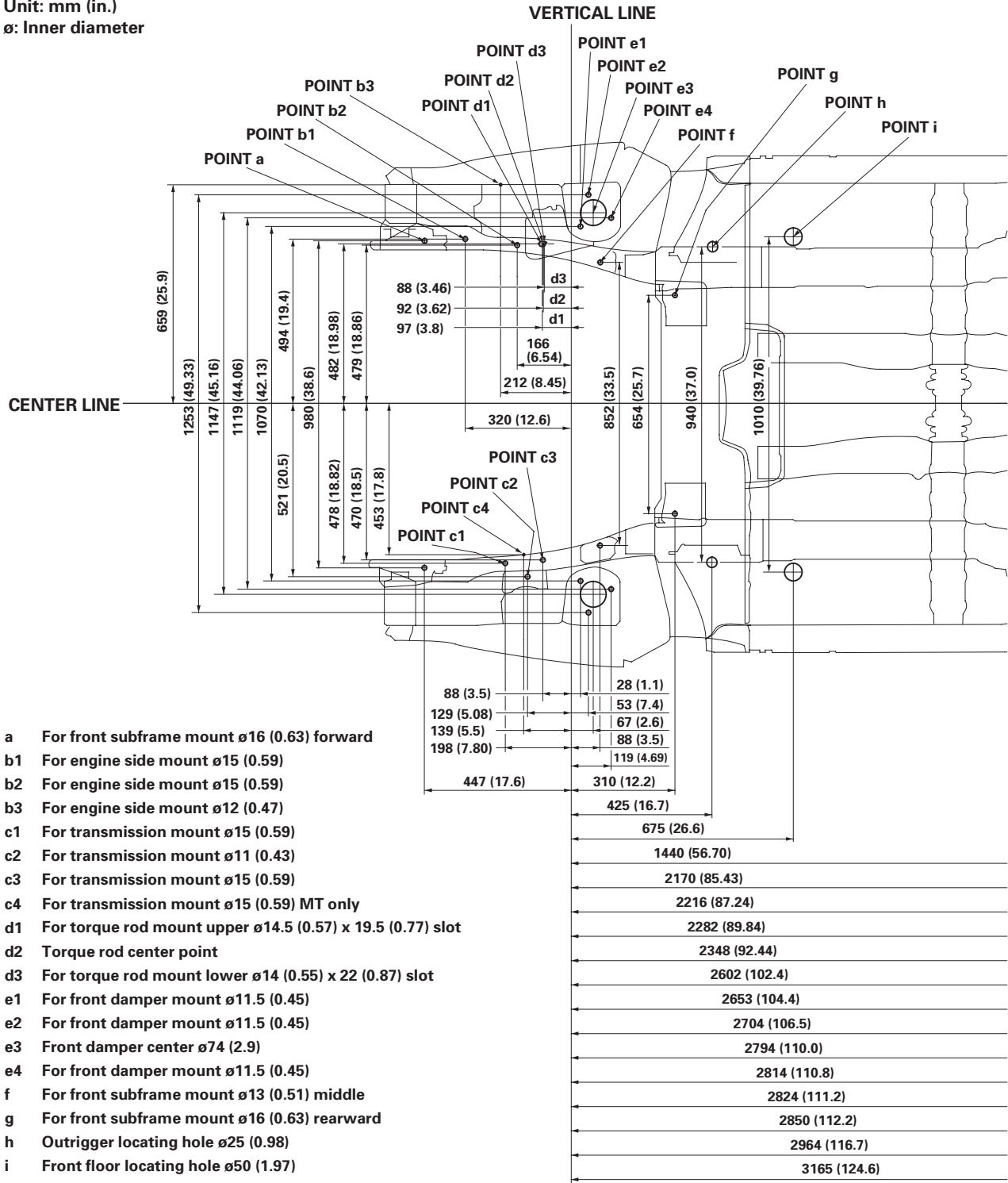


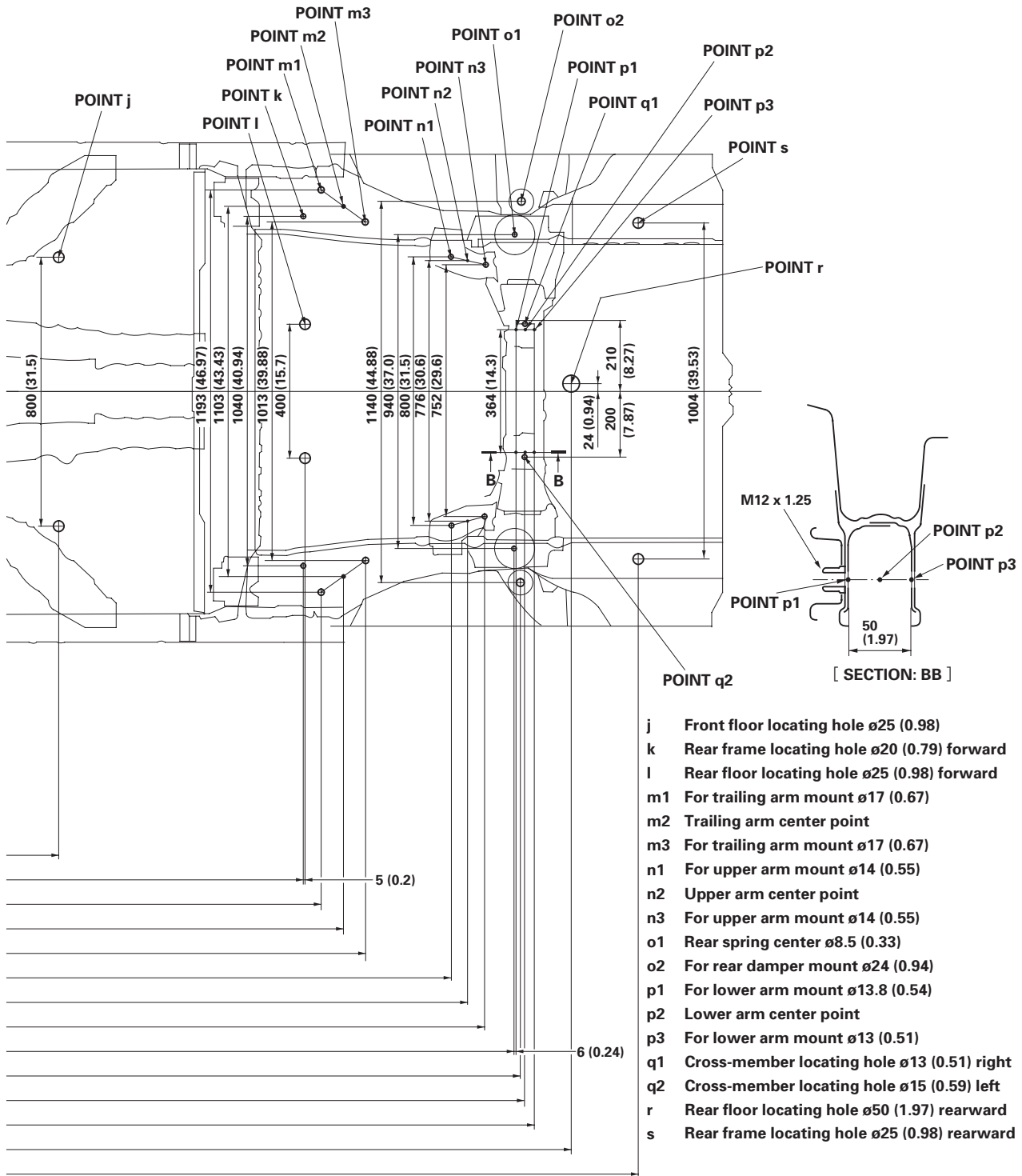
Frame

Frame Repair Chart

Top View

Unit: mm (in.)
 ø: Inner diameter





(cont'd)

Frame

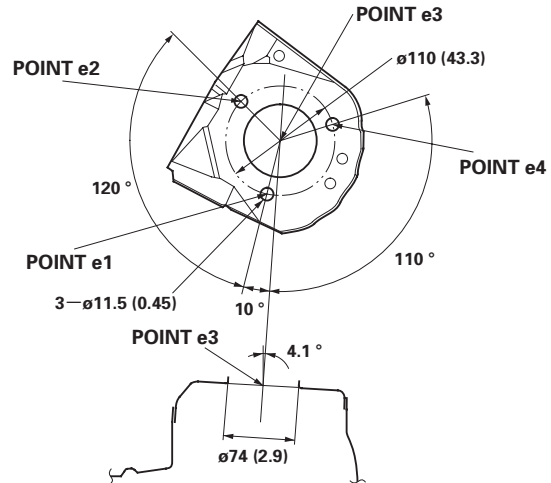
Frame Repair Chart (cont'd)

Side View

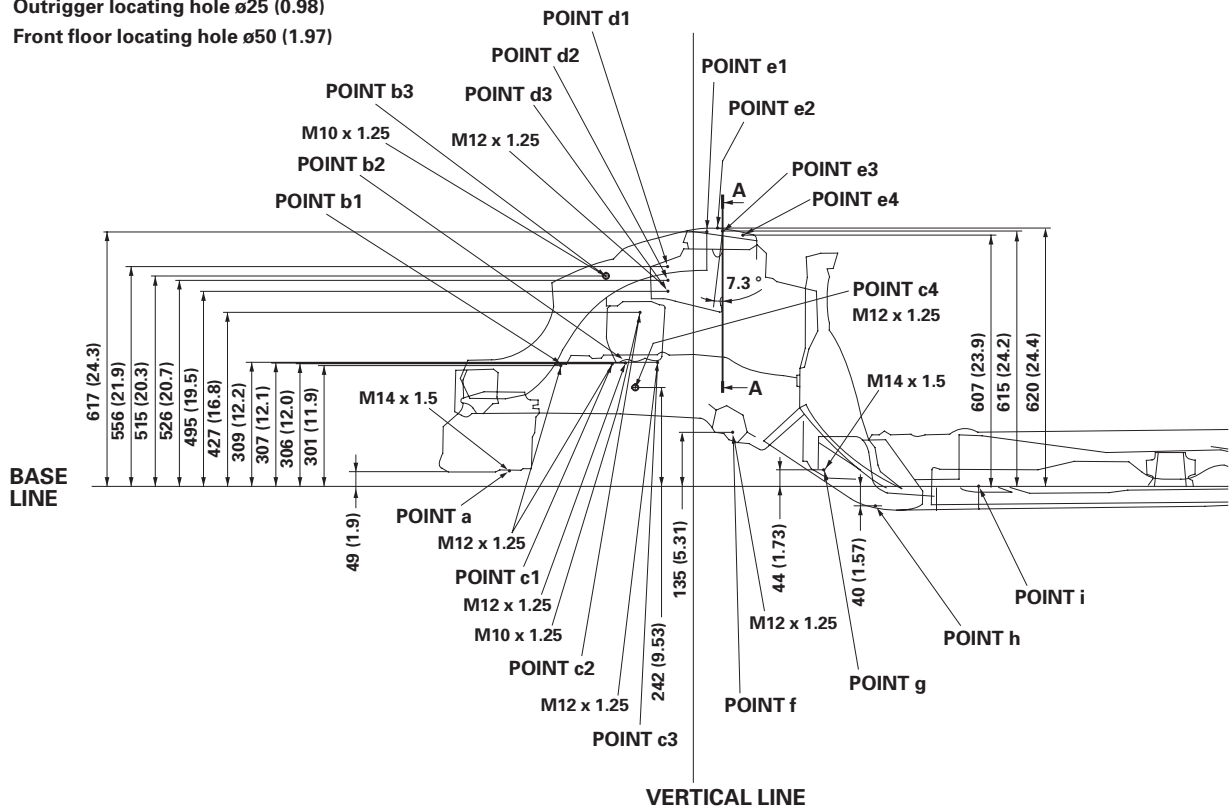
Unit: mm (in.)

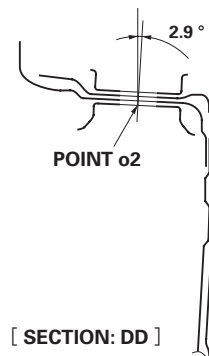
ø: Inner diameter

- a For front subframe mount ø16 (0.63) forward
- b1 For engine side mount ø15 (0.59)
- b2 For engine side mount ø15 (0.59)
- b3 For engine side mount ø12 (0.47)
- c1 For transmission mount ø15 (0.59)
- c2 For transmission mount ø11 (0.43)
- c3 For transmission mount ø15 (0.59)
- c4 For transmission mount ø15 (0.59) MT only
- d1 For torque rod mount upper
ø14.5 (0.57) x 19.5 (0.77) slot
- d2 Torque rod center point
- d3 For torque rod mount lower
ø14 (0.55) x 22 (0.87) slot
- e1 For front damper mount ø11.5 (0.45)
- e2 For front damper mount ø11.5 (0.45)
- e3 Front damper center ø74 (2.9)
- e4 For front damper mount ø11.5 (0.45)
- f For front subframe mount ø13 (0.51) middle
- g For front subframe mount ø16 (0.63) rearward
- h Outrigger locating hole ø25 (0.98)
- i Front floor locating hole ø50 (1.97)



[SECTION: AA]





- j Front floor locating hole $\varnothing 25$ (0.98)
- k Rear frame locating hole $\varnothing 20$ (0.79) forward
- l Rear floor locating hole $\varnothing 25$ (0.98) forward
- m1 For trailing arm mount $\varnothing 17$ (0.67)
- m2 Trailing arm center point
- m3 For trailing arm mount $\varnothing 17$ (0.67)
- n1 For upper arm mount $\varnothing 14$ (0.55)
- n2 Upper arm center point
- n3 For upper arm mount $\varnothing 14$ (0.55)
- o1 Rear spring center $\varnothing 8.5$ (0.33)
- o2 For rear damper mount $\varnothing 24$ (0.94)
- p1 For lower arm mount $\varnothing 13.8$ (0.54)
- p2 Lower arm center point
- p3 For lower arm mount $\varnothing 13$ (0.51)
- q1 Cross-member locating hole $\varnothing 13$ (0.51) right
- q2 Cross-member locating hole $\varnothing 15$ (0.59) left
- r Rear floor locating hole $\varnothing 50$ (1.97) rearward
- s Rear frame locating hole $\varnothing 25$ (0.98) rearward

