INSTALLATION INSTRUCTIONS

Accessory

**PARKING SENSORS** 

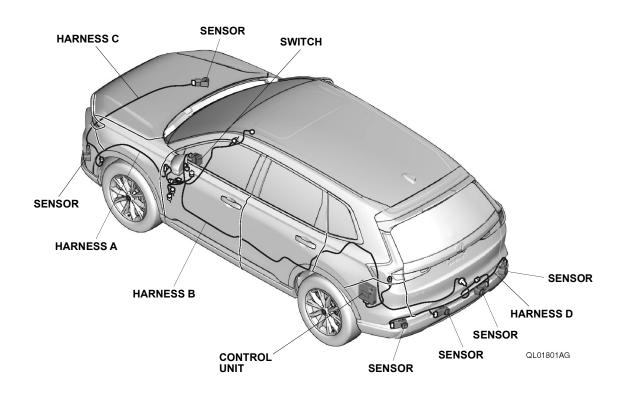
2023 CR-V MODEL SERIES

Application

Publications No. VERSION 1

Issue Date
AUG 2022

#### **GENERAL VIEW**



#### FOR YOUR SAFETY (Read carefully.)

#### Warning Symbols

Safety: Your safety, and the safety of others, is important. To help you make informed decisions about service procedures, we have provided safety messages where appropriate. Of course, it is not practical or possible to warn you about all the hazards associated with servicing a vehicle - you must use your own good judgment.

You will find important safety messages preceded by one of the following symbols:

\*All symbols are not used in all installation instructions.

| <b>A</b> DANGER  | You will be killed or seriously hurt if you do not follow the instructions.                |  |
|------------------|--|--|
| <b>A</b> WARNING | You can be killed or seriously hurt if you do not follow the instructions.                 |  |
| <b>A</b> CAUTION | You can be hurt if you do not follow the instructions.                                     |  |
| NOTICE           | Gives advice to prevent damage to the product, vehicle, the environment or other property. |  |
| NOTE             | Gives helpful information or instructions to be followed when installing this product.     |  |
| $\Diamond$       | Indicates a prohibited action.   |  |

#### Procedure and Location Icons

These icons indicate the work location and the worker's point of view.

\*All icons are not used in all installation instructions.



The location on the vehicle.



The location in the vehicle. (Instrument panel.)



Wear eye protection.



Wear heavy gloves.



Use an assistant.



Place the part on a blanket.



Work perpendicular.



Remove any burrs.



Use touch-up paint and allow to dry.



Tighten to the specified torque.



Apply firm pressure while rolling, especially at the ends, to set the adhesive.



Press firmly.



Clean with isopropyl alcohol.



Return the original part to the customer. (Do not reuse.)

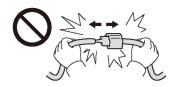
#### Wire Harness Routing Precaution



Do not secure the accessory harness to the SRS harness. (except for instruction cases.)



Push the connectors and terminals together until they lock.



Do not pull the harness to unplug the connectors.



Install removed connectors in their original location.



Do not pull the harness.

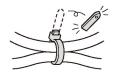


Secure the accessory harness as shown.





Do not pinch the harness.



Cut off the excess wire tie.

#### Safety: General

- Observe all safety notes and precautions described in the service information, in addition to those described in this Installation Instruction. Be extremely careful for your safety and safety of others.
- · Be careful not to damage the vehicle or the parts.
- Be extremely careful when handling retaining tabs and clips.
- Note the locations of the parts before removing them so they can be properly installed in their original positions.
- · The illustrations may differ slightly from the actual accessory.

#### Safety: Electric Parts

Always disconnect the negative cable from the battery before beginning work.

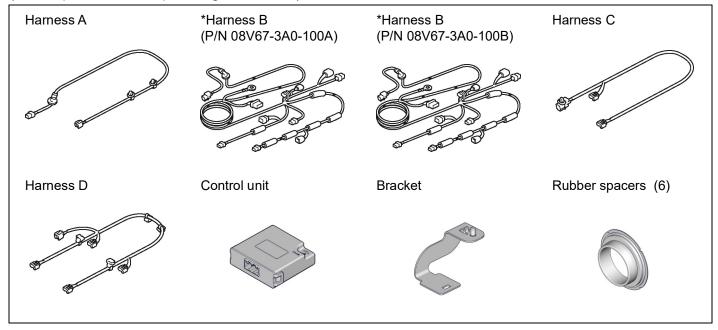
#### Safety: Accessory

- Always use the parts and tools specified in the installation instructions.
- Do not install the accessory on a dirty surface or in direct sunlight.
- Make sure the ambient air temperature is 60°F (15°C) or above when installing accessories that use adhesive material.
- When pressing the accessory firmly with the palm of your hand, be careful not to damage it or the vehicle.
- When applying adhesive material, make sure it is lined up properly before attaching. Once the adhesive material touches the surface, do not try to remove it. If you do, you could damage the part.
- Do not wash the vehicle for 24 hours to allow the adhesive to cure.

#### PARTS LIST

Parking Sensors Kit (P/N 08V67-3A0-100A) (P/N 08V67-3A0-100B)

(\*: The part differs depending on the kit.)



Retainers A Retainers B Retainers C Connector holders (2) (identification mark: (identification mark: (identification mark: 0DEG 1.6) (2) 0DEG 0.8) (2) 0DEG 0.8) (2) Wire ties A (38) Wire ties B (narrow) (3) Wire ties with clip A (2) Wire tie with clip B Aluminum tapes (19) Primers (3) Alcohol wipes (2) Switch Fuse label Flange nut Ground bolt Washer-bolts (2) Accessory User's Information Manual

Sensors Kit (P/N 08V67-T7A-100J)

Sensors (6)



#### REQUIRED TOOLS AND SUPPLIES

- Plate
- · Torque wrench
- Ratchet
- · Stubby Phillips screwdriver
- Scissors
- 3 mm, 6 mm, and 8.5 mm Drill bits
- · Felt-tip pen

- 10 mm Socket
- Diagonal cutters
- Phillips screwdriver
- 5 mm Hex wrench
- · Pushpin
- Ruler
- 10 mm, 12 mm, and 13 mm Open end wrenches
- · Shop towel
- Masking tape
- Blanket
- · Isopropyl alcohol
- Drill
- File
- Eye protection (face shield, safety goggles, etc.)

The following tools are available through the Honda Tool and Equipment Program:

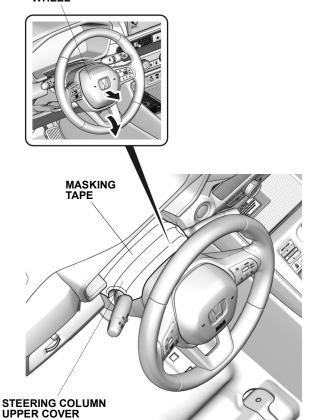
- Trim Tool Set (T/N SOJATP2014)
- Plastic Trim Tool (T/N SILTRIMTL10) 16 mm Punch Tool
  - (T/N 07AAH-TZ5A100)

#### INSTALLATION

1. Fix the tilt lever of the column in the lowest position the telescopic in the position that is pulled most.



STEERING WHEEL



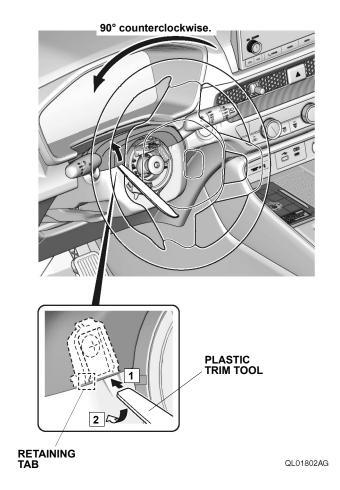
QL01101AB

2. Attach masking tape to protect the vehicle.

#### NOTE

Do not remove the masking tape until after the parts are installed.

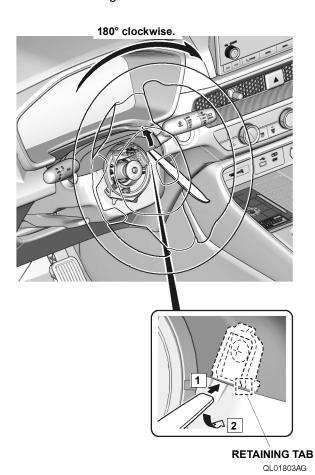
3. Turn the steering wheel 90° counterclockwise.



Release the left side of the steering column upper cover.

# NOTE Release in the order shown.

5. Turn the steering wheel 180° clockwise.



6. Release the right side of the steering column upper cover.

#### **NOTE**

Release in the order shown.

7. Release the steering column upper cover.



- 8. Secure the steering column upper cover.
- 9. Remove the self-tapping screw.



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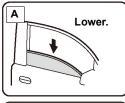
10. Turn the steering wheel 180° counterclockwise.

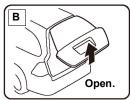


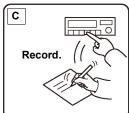
- Remove the self-tapping screw.
- 12. Disconnect the negative cable from the battery.

#### NOTE

With the driver's door open, turn the vehicle to the OFF (LOCK) mode, then wait at least 3 minutes before disconnecting the 12 volt negative battery cable.



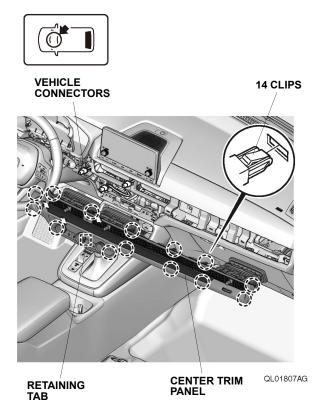




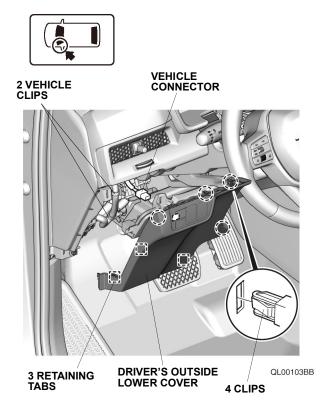


QCD0504BM

13. Remove the center trim panel.



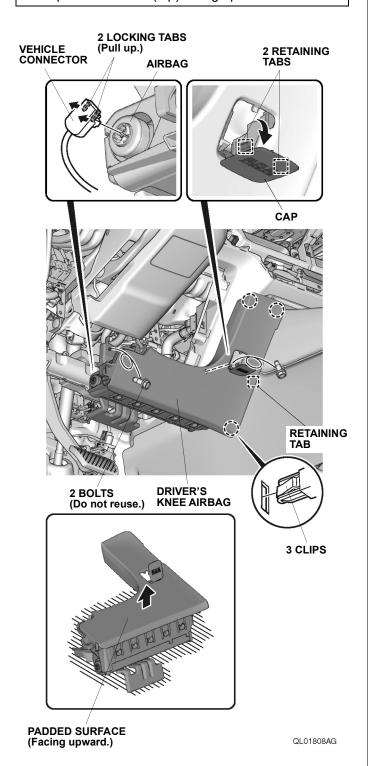
14. Remove the driver's outside lower cover.



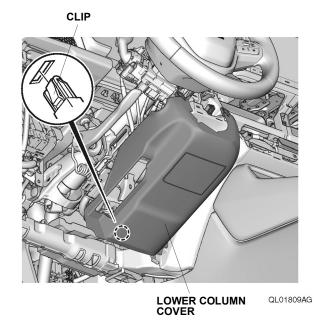
15. Remove the driver's knee airbag.

#### **NOTICE**

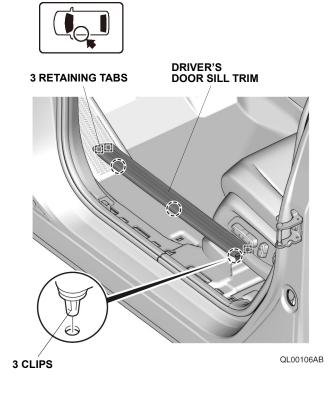
- Do not drop the removed knee airbag or hit it on an object.
- Place the removed knee airbag in a safe place with the padded surface (top) facing upward.



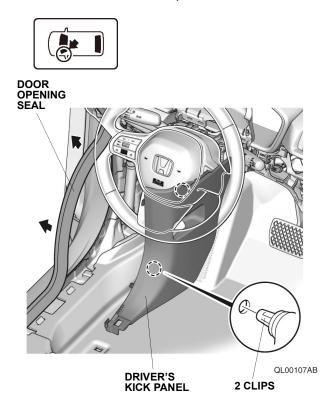
16. Remove the lower column cover.



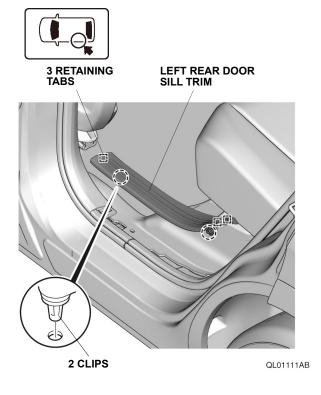
7. Remove the driver's door sill trim.



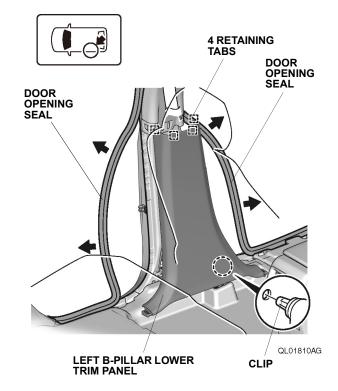
18. Remove the driver's kick panel.



19. Remove the left rear door sill trim.



20. Remove the left B-pillar lower trim panel.



21. Choose one of these options.

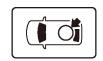


22. Fold down the left rear seat-back.

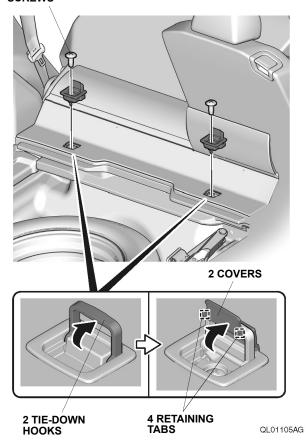


23. Remove the cargo floor board.

24. Remove the tie-down hooks.

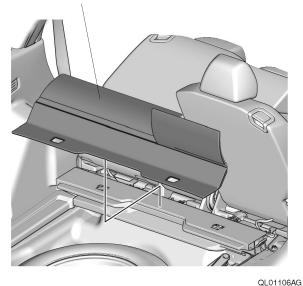


2 SELF-TAPPING SCREWS

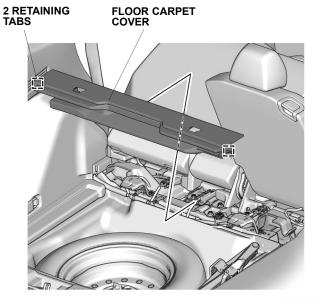


25. Remove the cargo floor lid.





26. Remove the floor carpet cover.

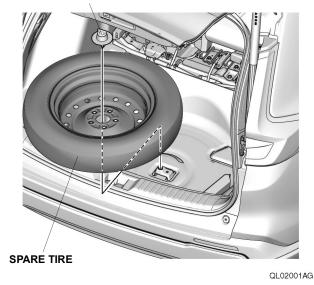


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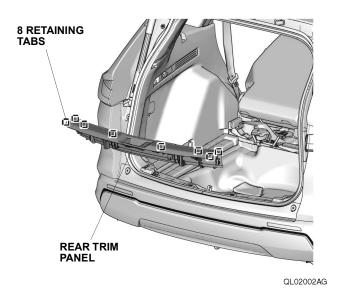
27. Remove the spare tire.



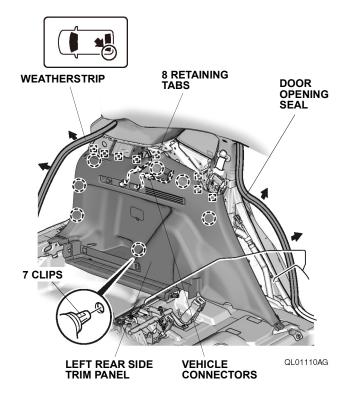
BOLT



28. Remove the rear trim panel.

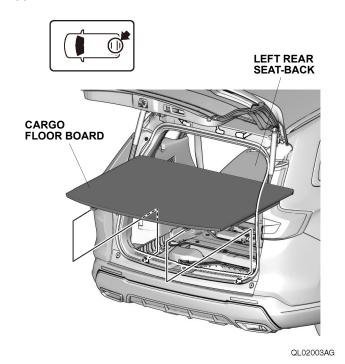


29. Remove the left rear side trim panel.



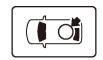
Go to step 36

30. Fold down the left rear seat-back.

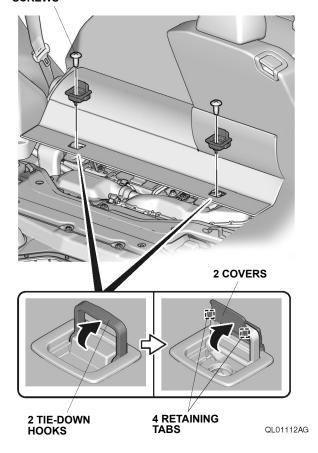


31. Remove the cargo floor board.

32. Remove the tie-down hooks.

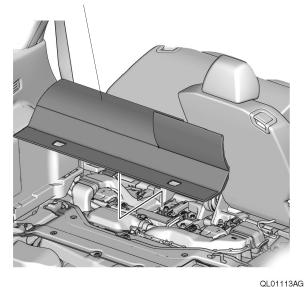


2 SELF-TAPPING SCREWS

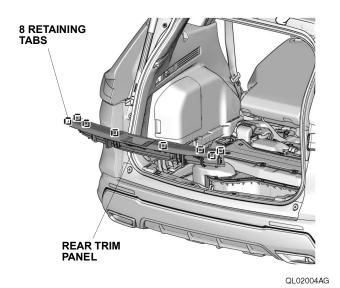


33. Remove the cargo floor lid.

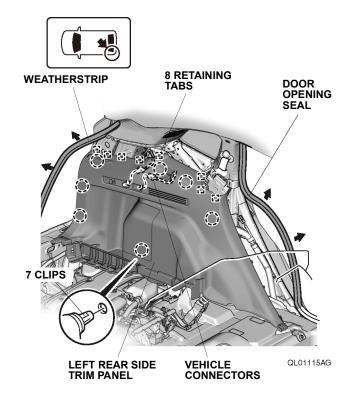
**CARGO FLOOR LID** 



34. Remove the rear trim panel.



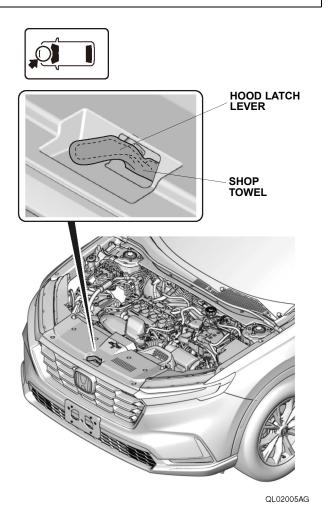
35. Remove the left rear side trim panel.



#### 36. Wrap a shop towel.

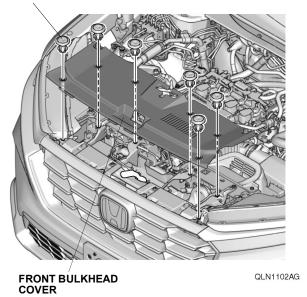
#### NOTE

Do not remove the shop towel until after the parts are installed.



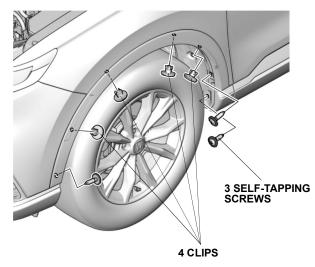
37. Remove the front bulkhead cover.

#### 6 CLIPS



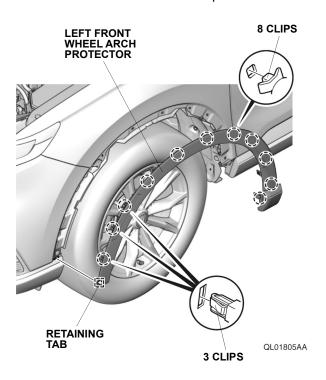
38. Remove the self-tapping screws and clips.



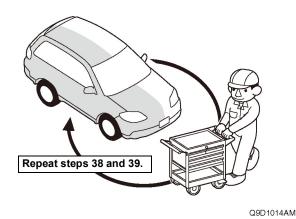


QL01804AA

39. Remove the left front wheel arch protector.



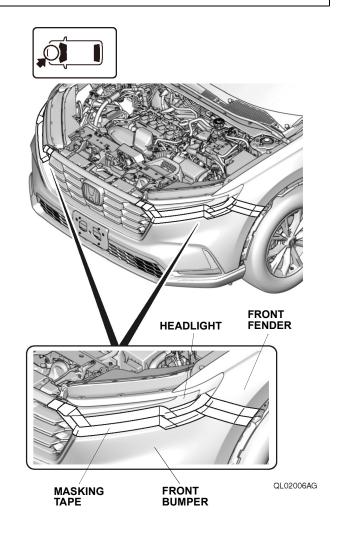
40. Repeat the same procedures on the other side.



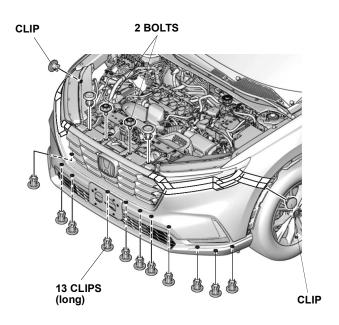
41. Attach masking tape to protect the vehicle.

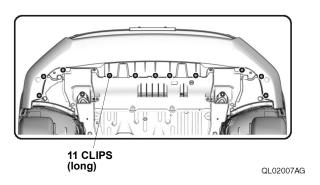
#### NOTE

Do not remove the masking tape until after the parts are installed.



42. Remove the bolts and clips.

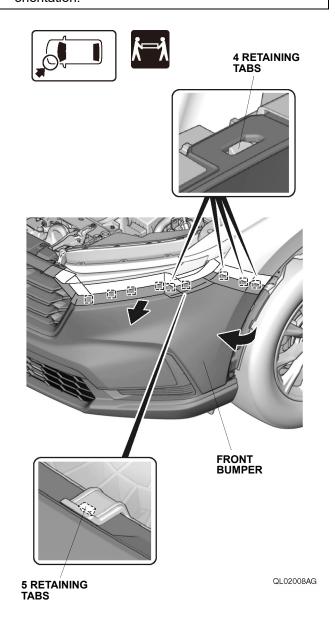




43. Release the retaining tabs.

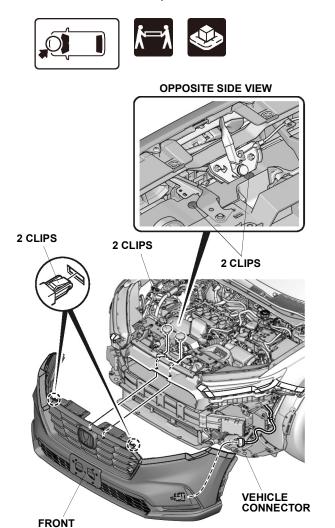
#### **NOTE**

- Release the retaining tabs starting from outside working in.
- Make sure to release the retaining tabs in the correct orientation.



44. Repeat step 43 on the other side.

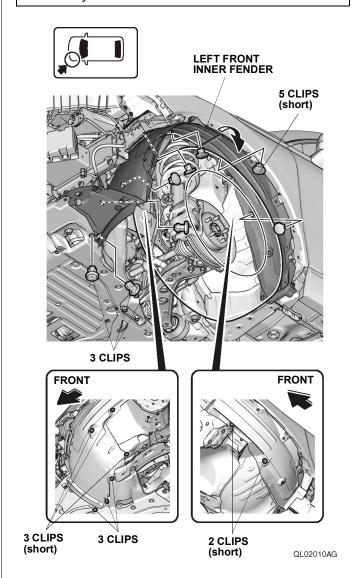
#### 45. Remove the front bumper.



46. Release the left front inner fender.

#### **NOTE**

Do not fully remove the left front inner fender.



BUMPER

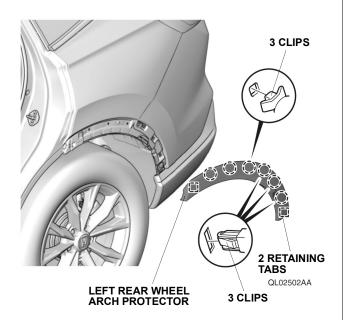
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47. Remove the self-tapping screw.



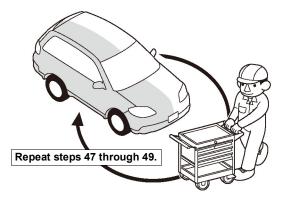


48. Open the left rear door.



Remove the left rear wheel arch protector.

50. Repeat the same procedures on the other side.

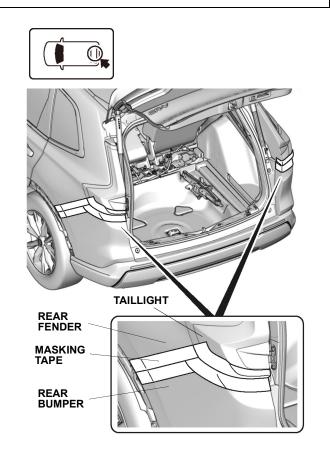


Q9D1014AM

51. Attach masking tape to protect the vehicle.

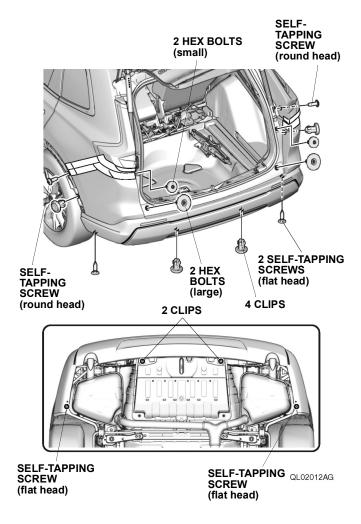
#### NOTE

Do not remove the masking tape until after the parts are installed.



QL02011AG

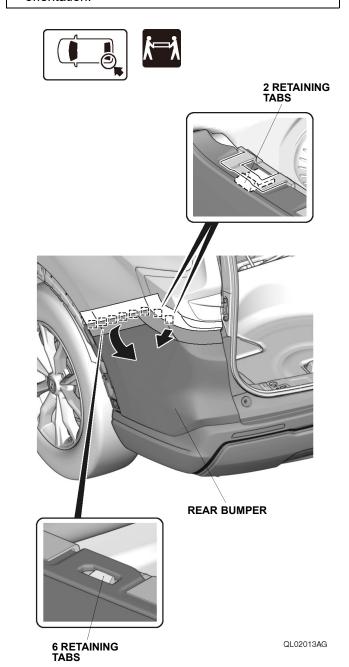
52. Remove the hex bolts, self-tapping screws, and clips.



53. Release the retaining tabs.

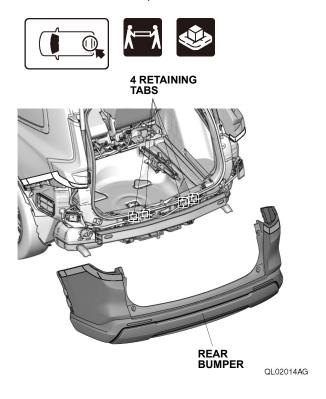
#### NOTE

- Release the retaining tabs starting from outside working in.
- Make sure to release the retaining tabs in the correct orientation.

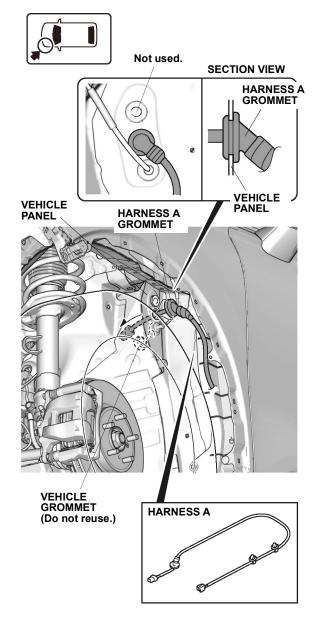


54. Repeat step 53 on the other side.

#### 55. Remove the rear bumper.



56. Remove the vehicle grommet.



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#### 57. Install the harness A grommet.

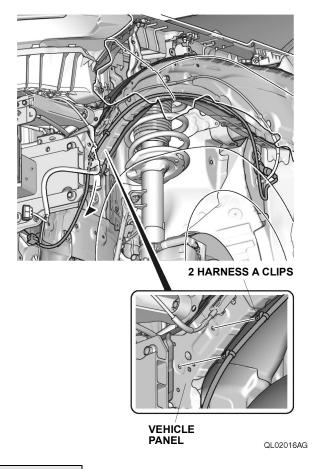
#### **NOTE**

- · Install the harness by holding the grommet.
- · Make sure the grommet is seated properly.
- Make sure to install the grommet in the correct orientation.

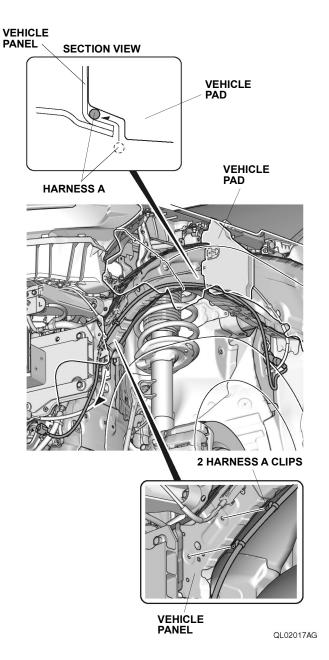
#### 58. Choose one of these options.

| Petrol models |               |
|---------------|---------------|
|               | Go to step 59 |
| Hybrid models |               |
|               | Go to step 60 |

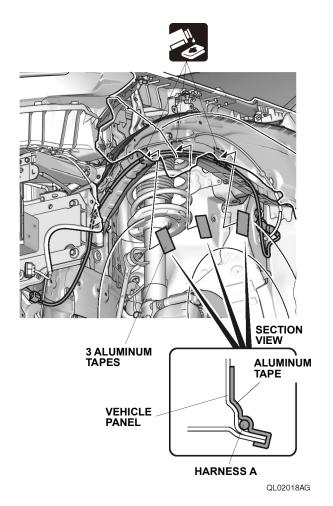
#### 59. Secure the harness A.



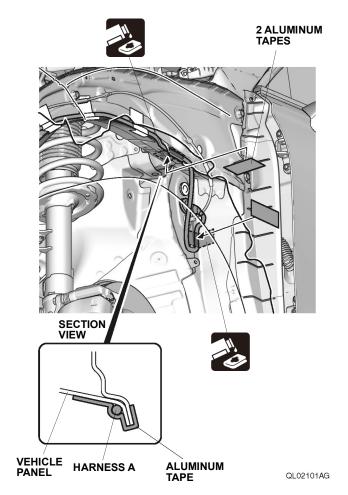
Go to step 61



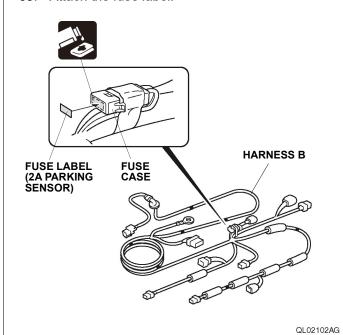
#### 61. Secure the harness A.



#### 62. Secure the harness A.

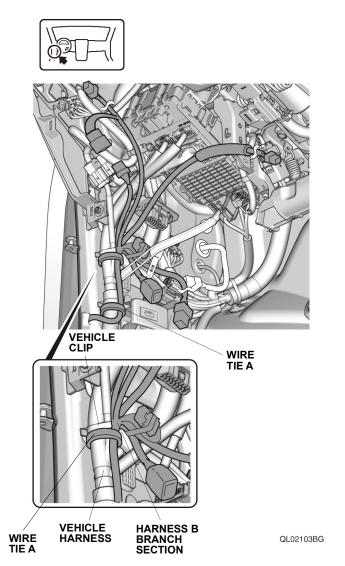


63. Attach the fuse label.

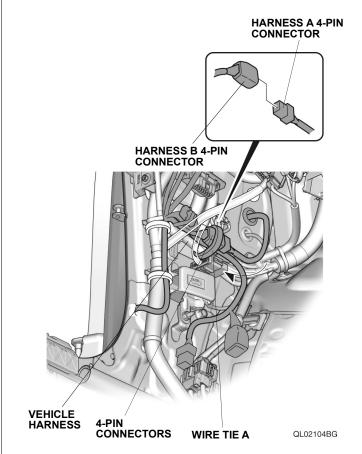


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64. Secure the harnesss B.

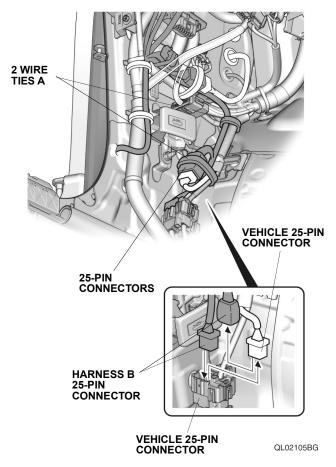


65. Plug-in the harnesss A connector.



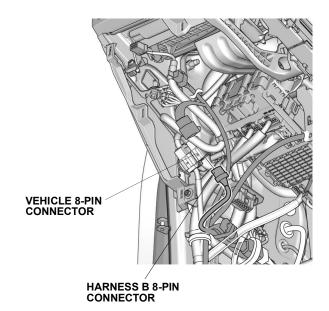
66. Secure the connectors and harness B.

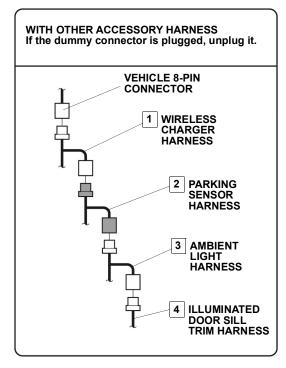
67. Plug-in the harnesss B connector.



68. Secure the connectors and harness B.

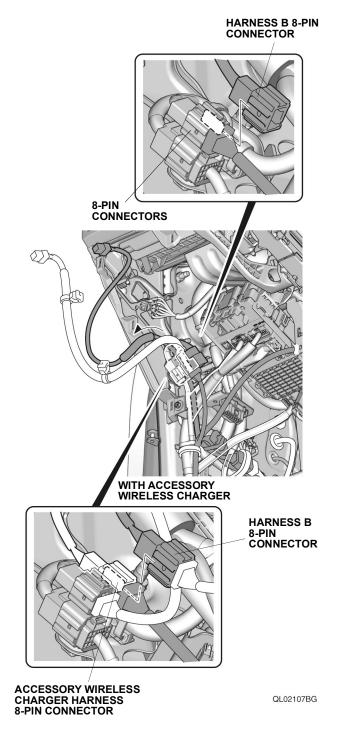
69. Plug-in the harness B connector.

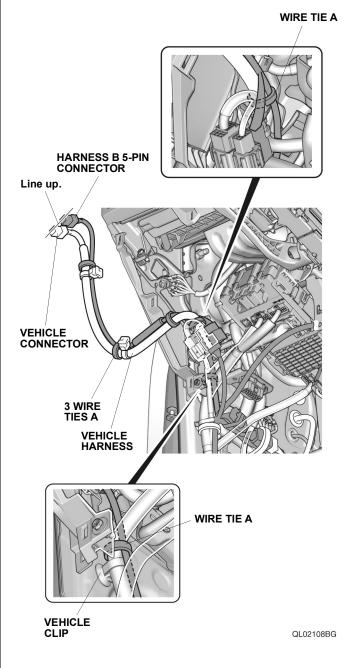




QL02106BG

70. Secure the harness B connector.

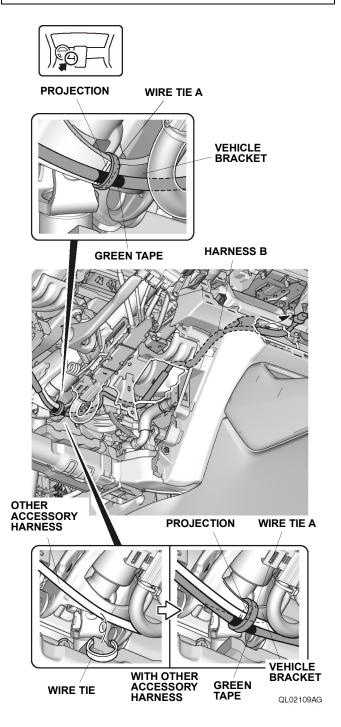




#### 72. Secure the harness B.

#### **NOTE**

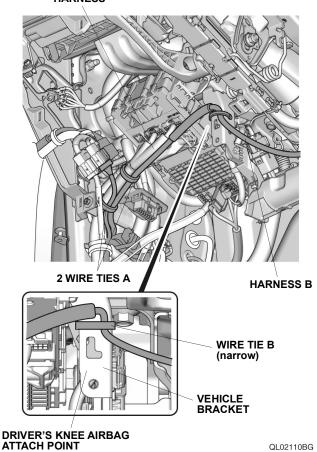
Be careful not to damage the harness.



73. Secure the harness B.

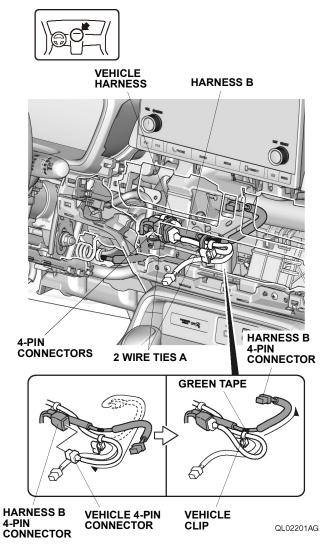


VEHICLE HARNESS



(Keep clear.)

74. Plug-in the vehicle connector.



75. Secure the harness B and connectors.

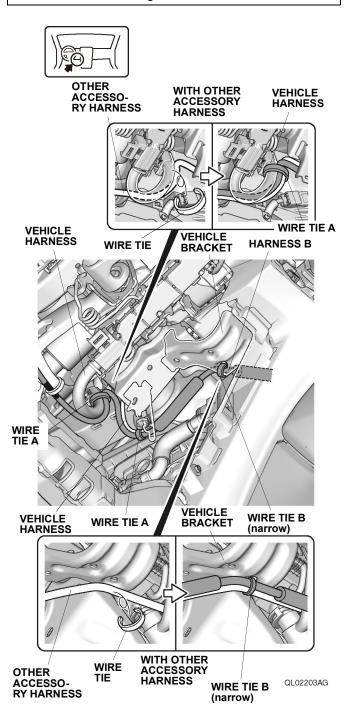
76. Plug-in the harness B connector.

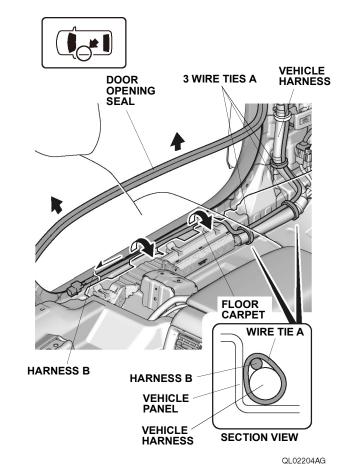


77. Install the center trim panel.

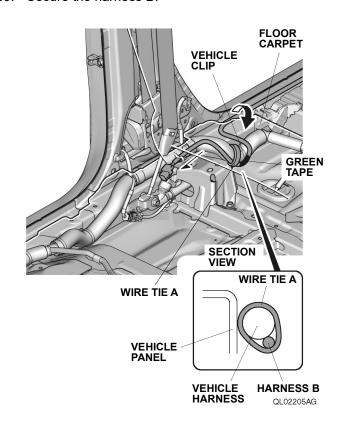
#### 78. Secure the harness B.

# NOTE Be careful not to damage the harness.

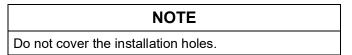


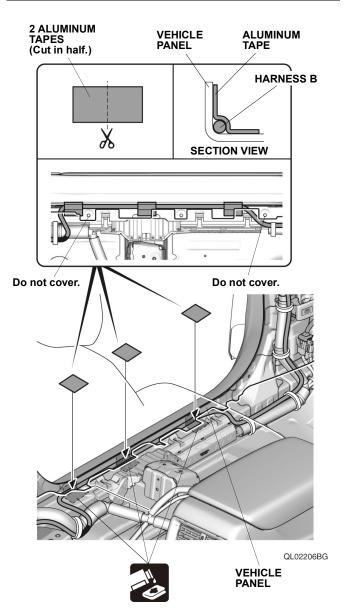


80. Secure the harness B.

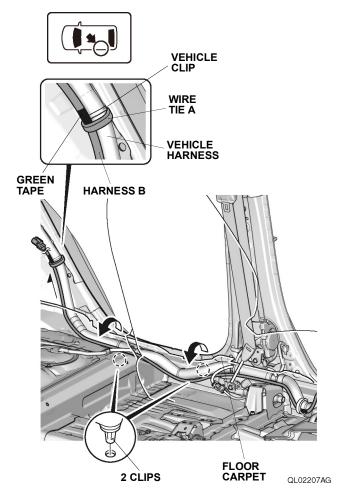


81. Secure the harness B.

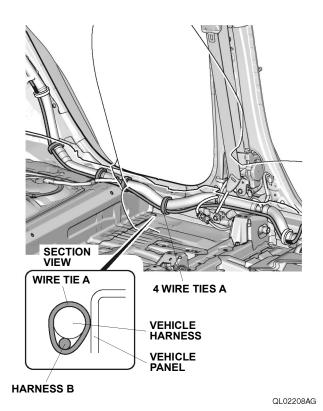




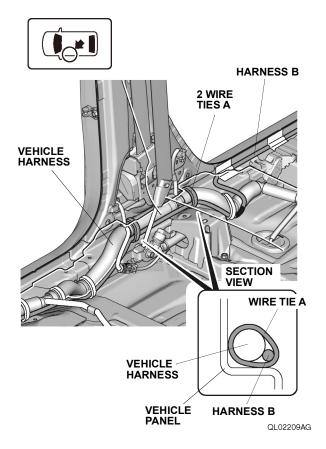
82. Release the floor carpet.



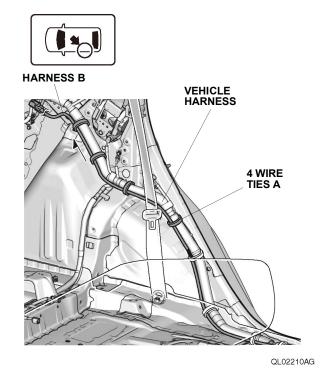
#### 84. Secure the harness B.

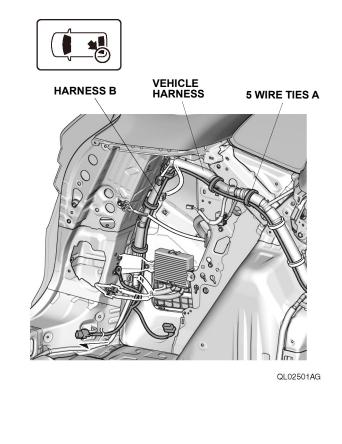


85. Secure the harness B.

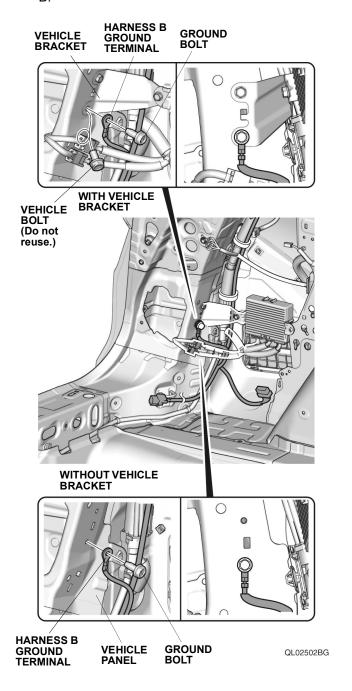


86. Secure the harness B.

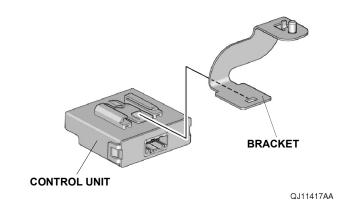




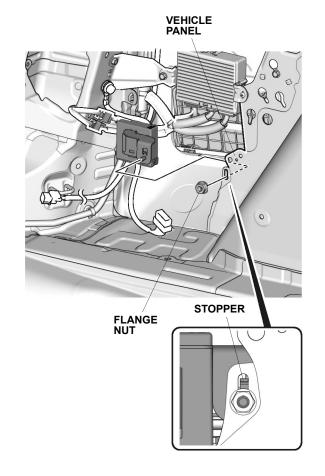
88. Secure the harness B ground terminal and harness B.



89. Install the bracket.

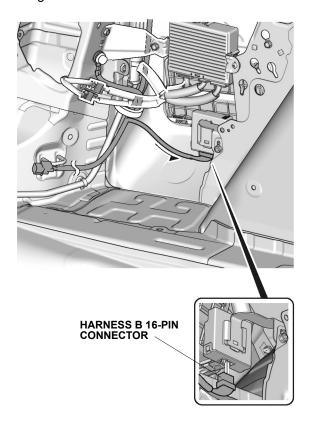


90. Install the control unit.



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#### 91. Plug-in the harness B connector.



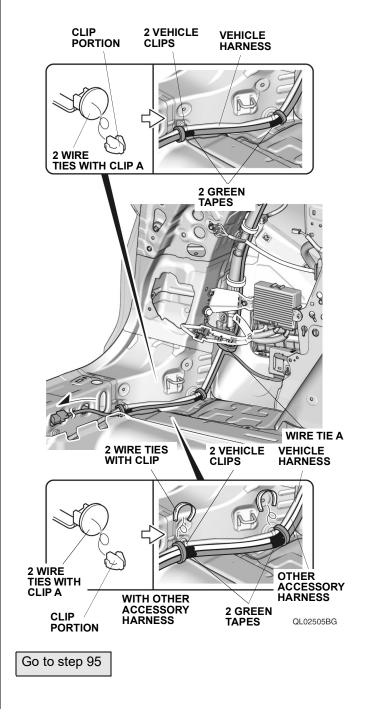
QL02504AG

92. Choose one of these options.

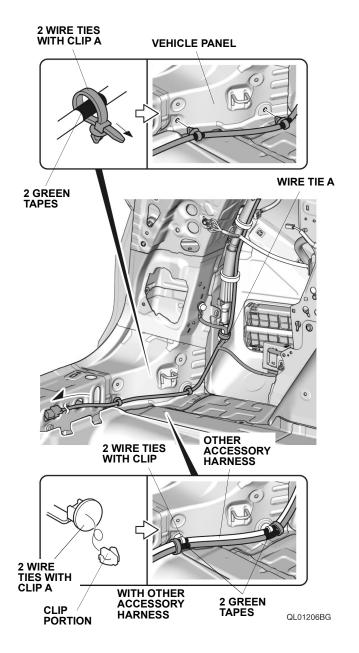
| With vehicle harness    |               |
|-------------------------|---------------|
|                         | Go to step 93 |
| Without vehicle harness |               |
|                         | Go to step 94 |

93. Secure the harness B.

# NOTE Be careful not to damage the harness.

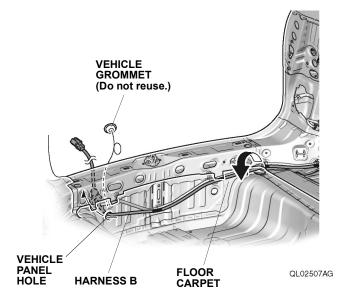


94. Secure the harness B.



95. Peel the floor carpet.



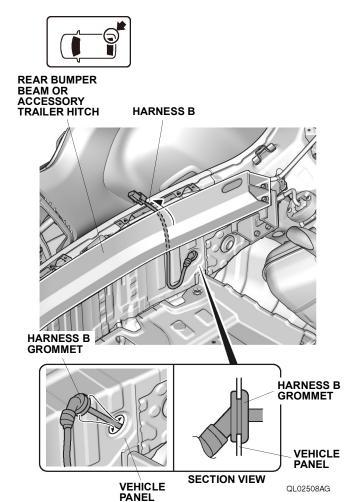


- 96. Remove the vehicle grommet.
- 97. Route the harness B.

#### 98. Install the harness B grommet.

#### **NOTE**

- · Install the harness by holding the grommet.
- · Make sure the grommet is seated properly.

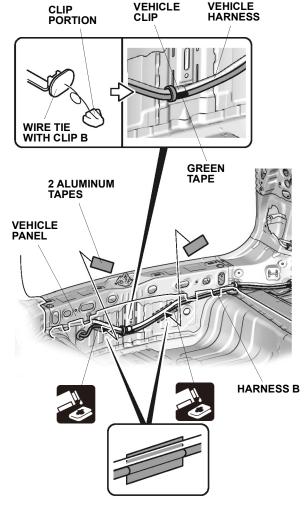


99. Choose one of these options.

With vehicle harness
 Go to step 100
 Without vehicle harness
 Go to step 101

100. Secure the harness B.

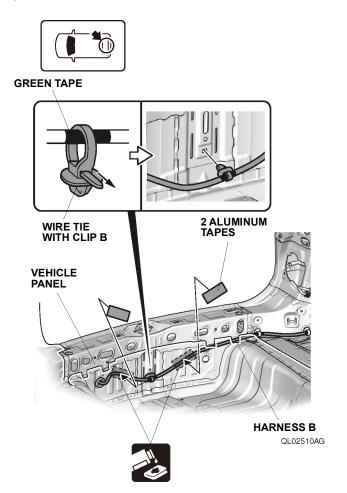




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Go to step 102

101. Secure the harness B.



102. Choose one of these options.

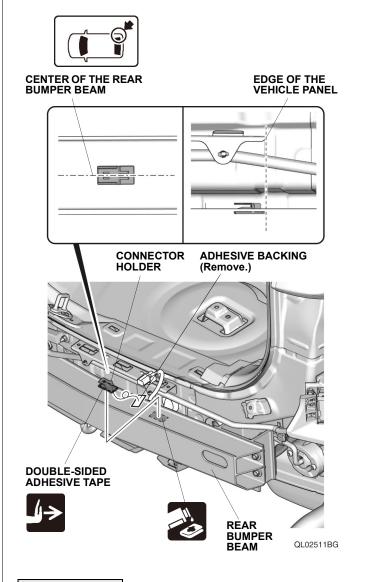
Without accessory trailer hitch
 Go to step 103
 With accessory trailer hitch
 Go to step 105

103. Clean the attaching area.

104. Attach the connector holder.

#### NOTE

- Make sure to attach the connector holder in the correct orientation.
- Check the position of the double-sided adhesive tape and make sure to press firmly.



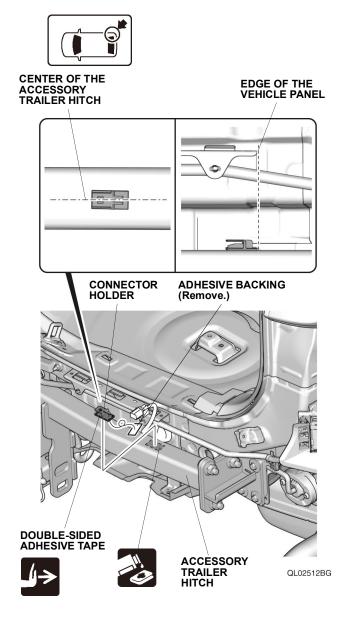
Go to step 107

105. Clean the attaching area.

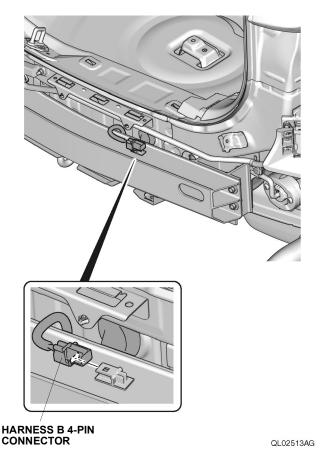
106. Attach the connector holder.

#### **NOTE**

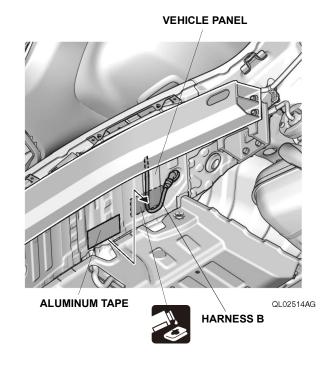
- Make sure to attach the connector holder in the correct orientation.
- Check the position of the double-sided adhesive tape and make sure to press firmly.



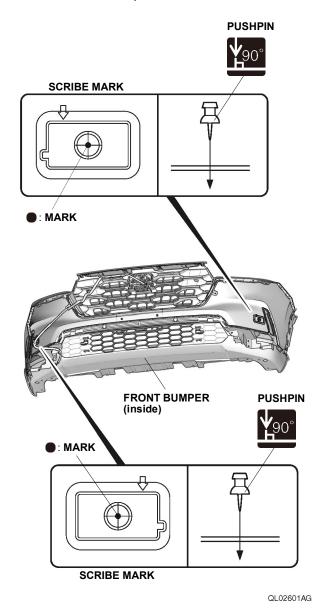
107. Secure the harness B connector.



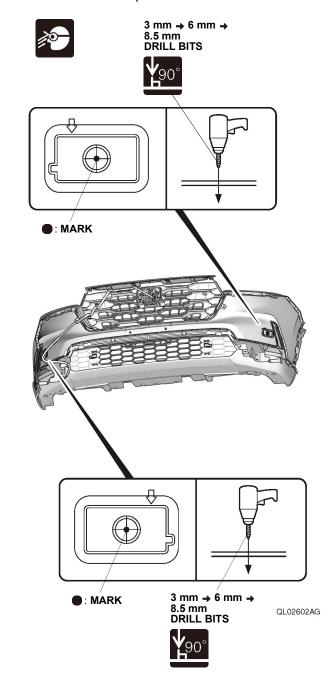
108. Secure the harness B.



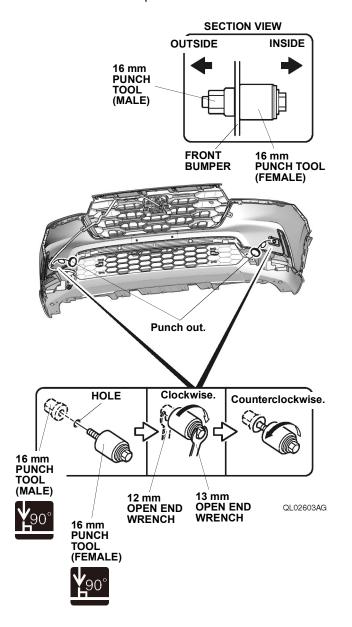
109. Mark the front bumper.



110. Drill the front bumper.



### 111. Install the 16 mm punch tool.

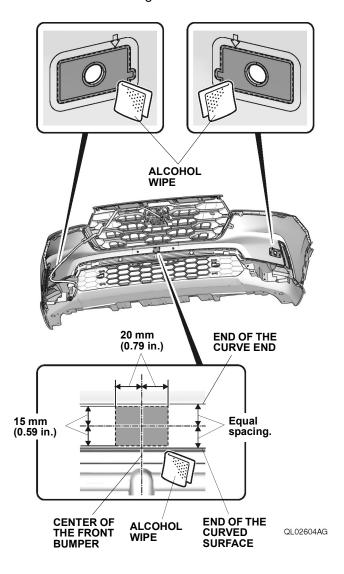


112. Punch out the front bumper.

### **NOTE**

- Always hold the punch tool perpendicular to the bumper while turning the wrenches.
- Make sure to remove the punched out material after every hole.

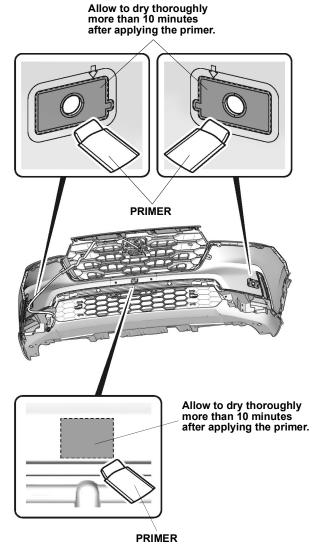
### 113. Clean the attaching areas.



### 114. Apply the primer.

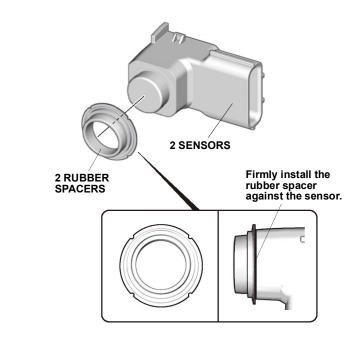
### NOTE

- · Apply the primer evenly.
- Be careful not to apply the primer anywhere except the indicated area.
- · Do not apply additional primer.
- Attach the accessories within 24 hours after applying the primer.
- · Do not use an expired primer.



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### 115. Install the rubber spacers.

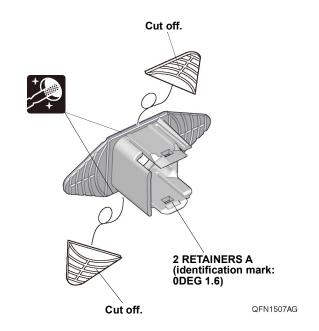


QFN1522DG

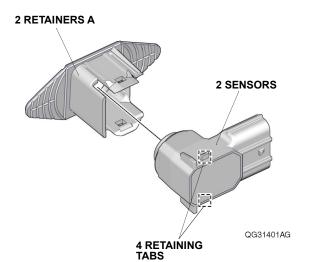
### 116. Cut off the retainers A.

### NOTE

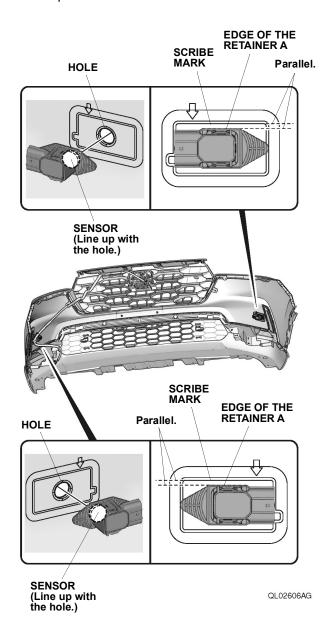
Make sure to check the identification mark before installation.



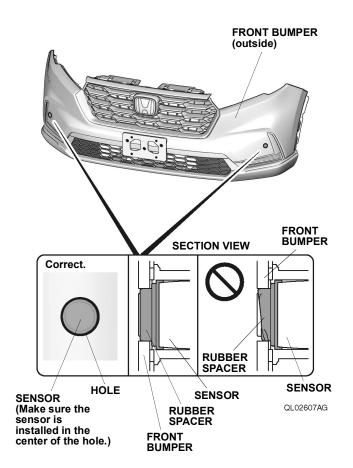
117. Install the sensors.



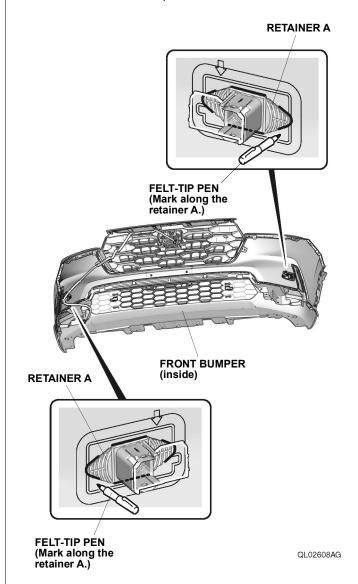
118. Line up the sensors.



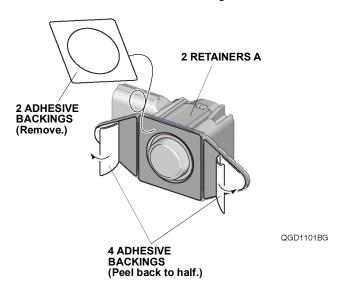
119. Check the sensors and rubber spacers install condition.



120. Mark the front bumper.

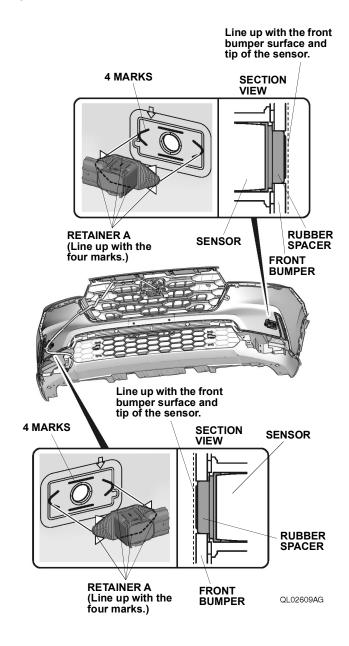


121. Peel back the adhesive backings.

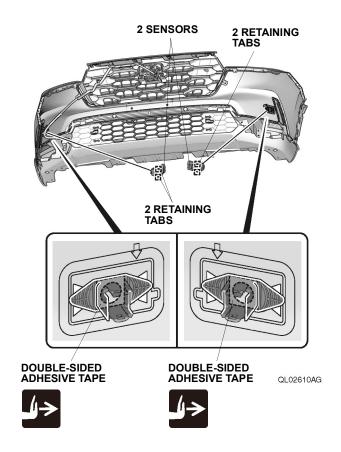


122. Remove the adhesive backings.

123. Attach the retainers A.



#### 124. Remove the sensors.

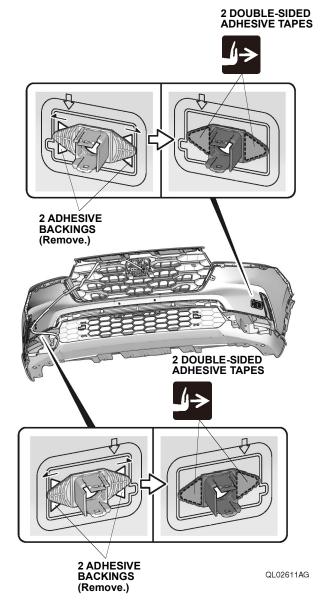


125. Press the retainers A.

#### NOTE

Check the position of the double-sided adhesive tapes and make sure to press firmly.

126. Remove the adhesive backings.



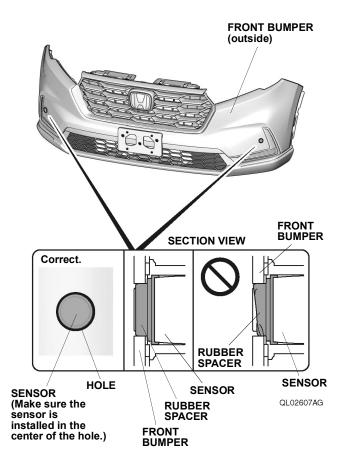
127. Press the retainers A.

### NOTE

Check the position of the double-sided adhesive tapes and make sure to press firmly.

128. Install the sensors.

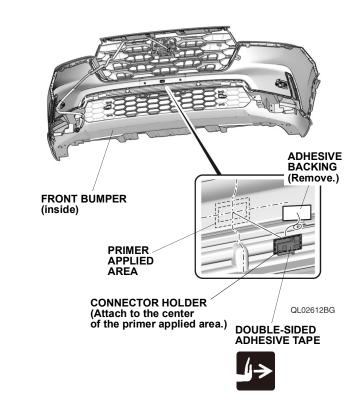
129. Check the sensors and rubber spacers install condition.



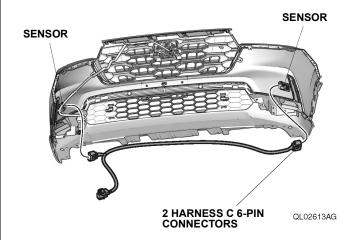
130. Attach the connector holder.

#### NOTE

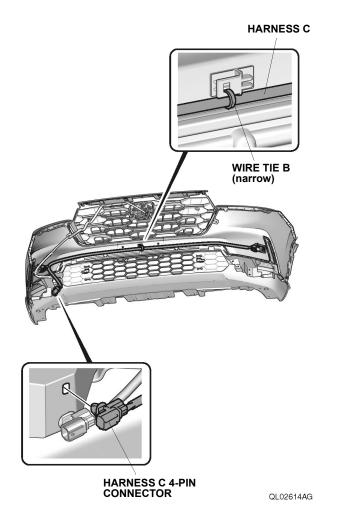
- Make sure to attach the connector holder in the correct orientation.
- Check the position of the double-sided adhesive tape and make sure to press firmly.



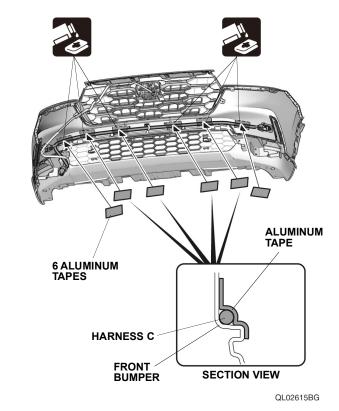
131. Plug-in the harness C connectors.



132. Secure the harness C and harness C connector.

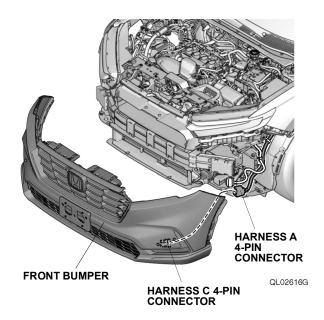


133. Secure the harness C.



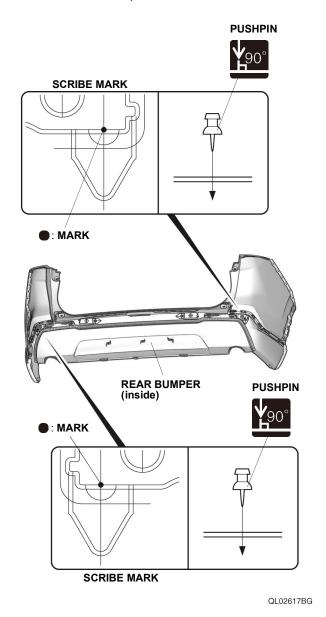
134. Install the left front inner fender.



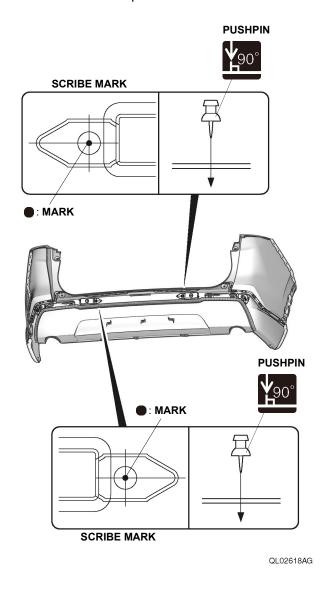


- 135. Plug-in the harness A connector.
- 136. Install the front bumper.

### 137. Mark the rear bumper.

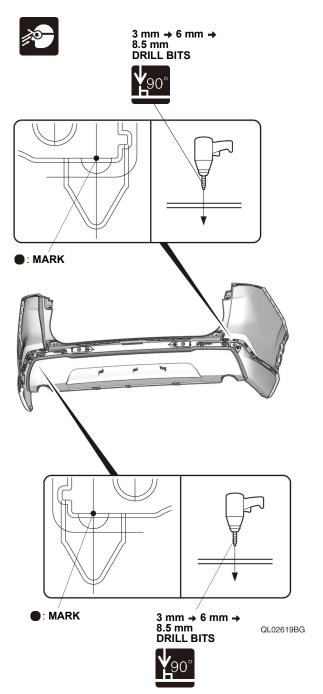


138. Mark the rear bumper.

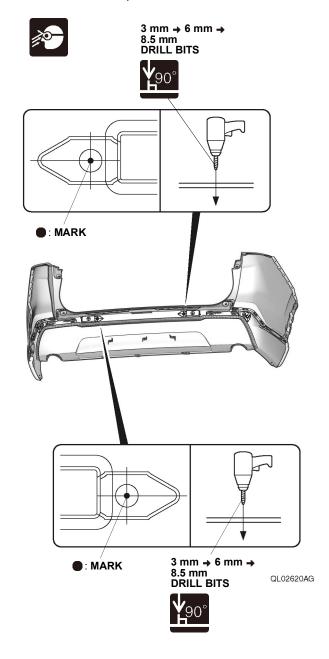


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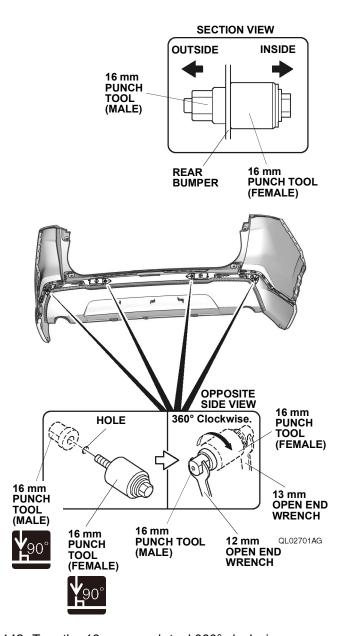
139. Drill the rear bumper.



140. Drill the rear bumper.



141. Install the 16 mm punch tool.



142. Turn the 16 mm punch tool 360° clockwise.

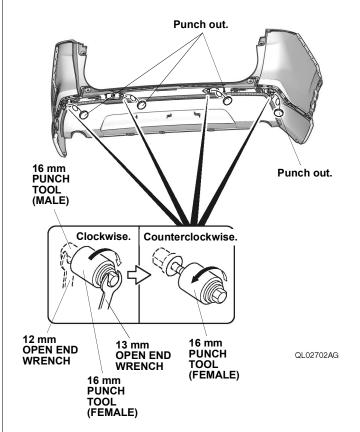
### **NOTE**

- Always hold the punch tool perpendicular to the bumper while turning the wrenches.
- With the punch tool snug against the bumper, make sure to rotate the male portion of the punch tool 360° clockwise.

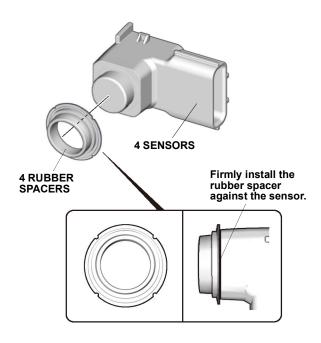
143. Punch out the rear bumper.

### **NOTE**

- Always hold the punch tool perpendicular to the bumper while turning the wrenches.
- Make sure to remove the punched out material after every hole.

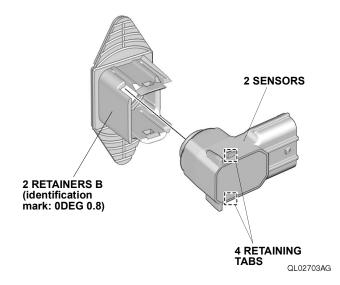


### 144. Install the rubber spacers.



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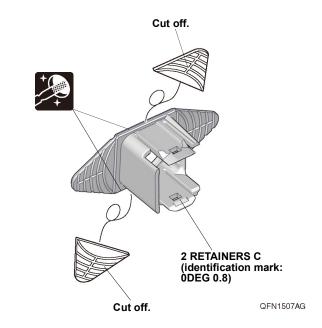
145. Install the sensors.



146. Cut off the retainers C.

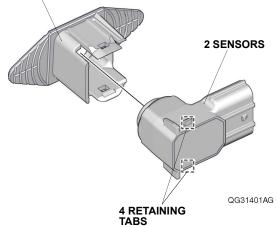
### **NOTE**

Make sure to check the identification mark before installation.

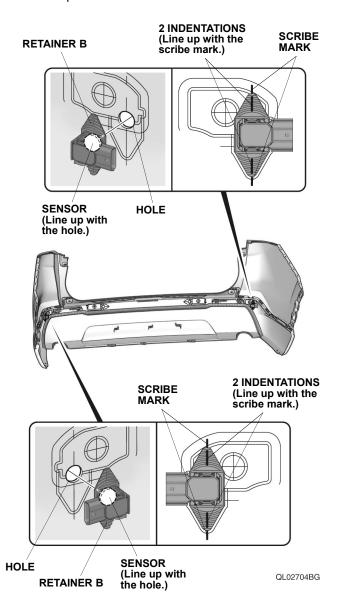


147. Install the sensors.

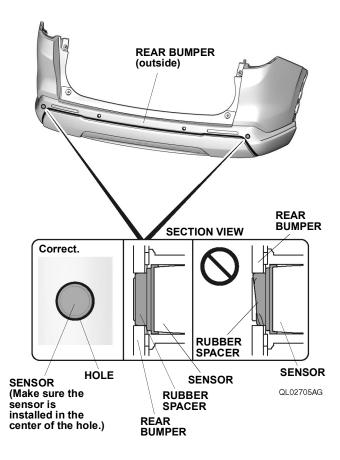




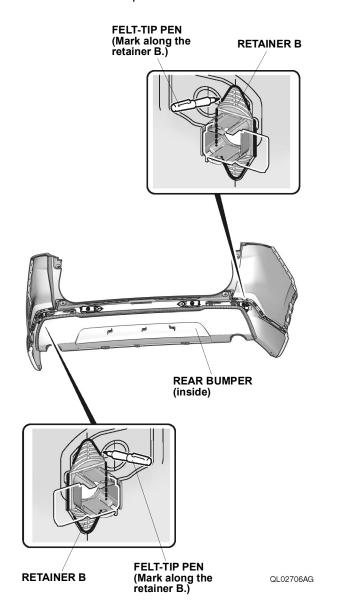
148. Line up the sensors.



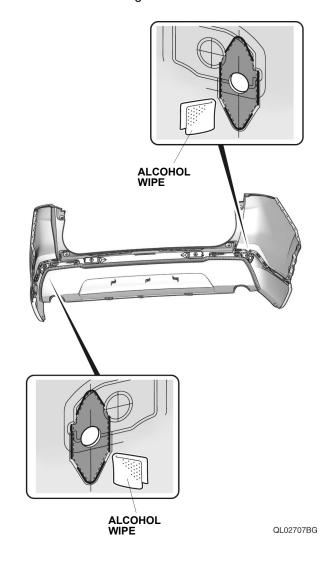
149. Check the sensors and rubber spacers install condition.



150. Mark the rear bumper.



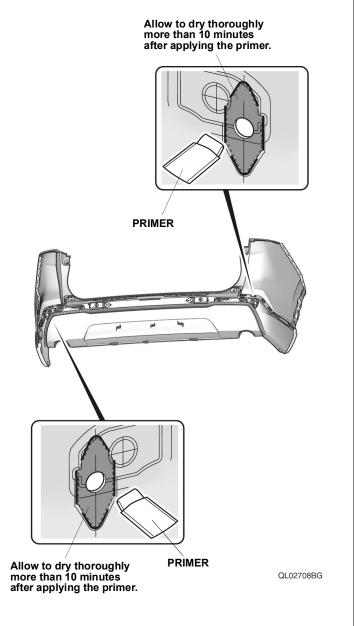
151. Clean the attaching areas.



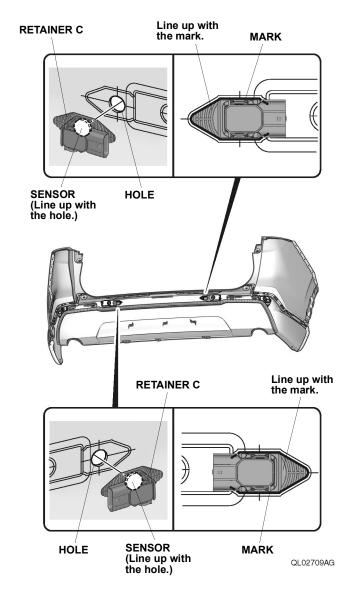
### 152. Apply the primer.

### **NOTE**

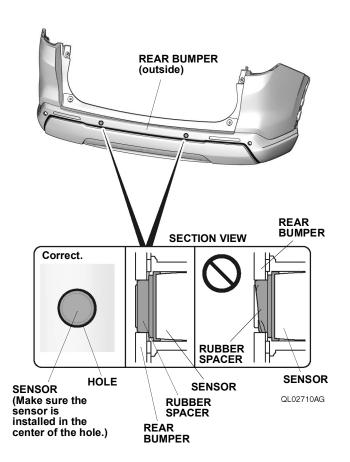
- · Apply the primer evenly.
- Be careful not to apply the primer anywhere except the indicated area.
- · Do not apply additional primer.
- Attach the accessories within 24 hours after applying the primer.
- · Do not use an expired primer.



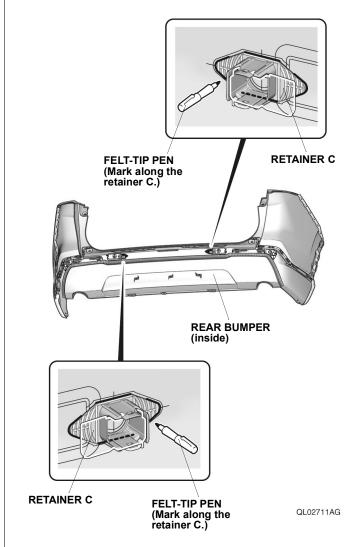
153. Line up the sensors.



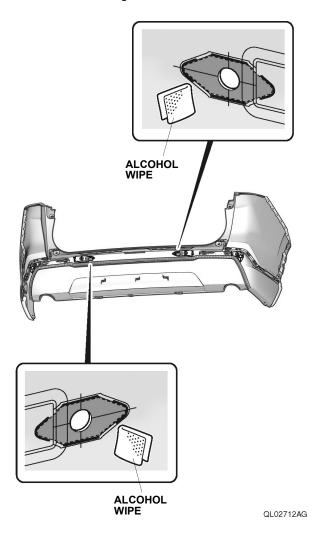
154. Check the sensors and rubber spacers install condition.



155. Mark the rear bumper.



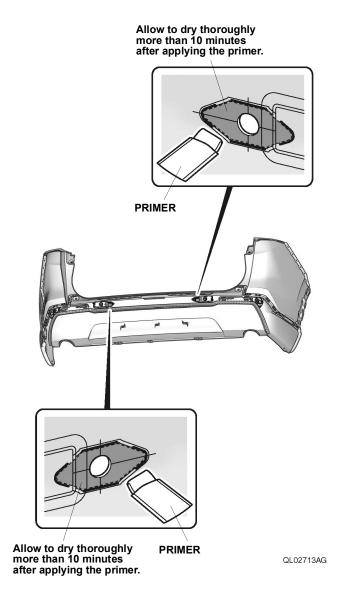
156. Clean the attaching areas.



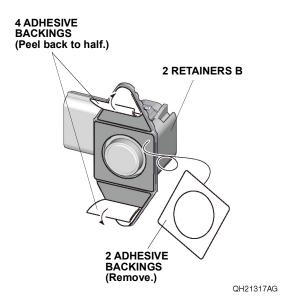
157. Apply the primer.

### NOTE

- · Apply the primer evenly.
- Be careful not to apply the primer anywhere except the indicated area.
- · Do not apply additional primer.
- Attach the accessories within 24 hours after applying the primer.
- Do not use an expired primer.

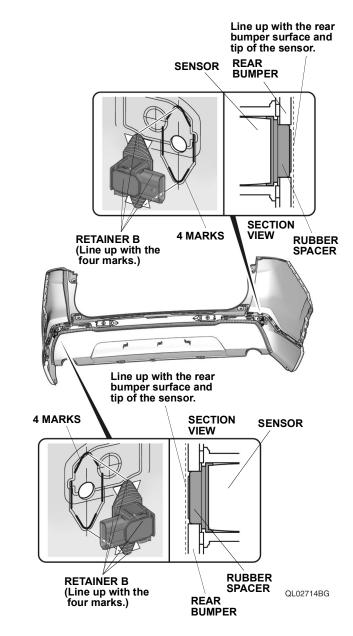


158. Peel back the adhesive backings.

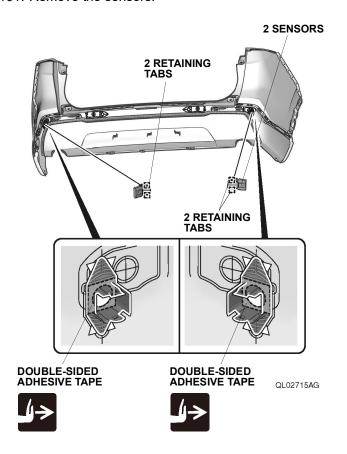


159. Remove the adhesive backings.

160. Attach the retainers B.



#### 161. Remove the sensors.

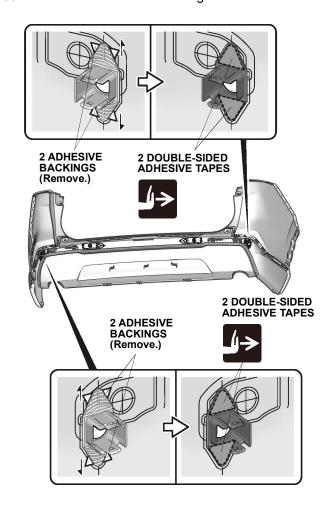


162. Press the retainers B.

### NOTE

Check the position of the double-sided adhesive tapes and make sure to press firmly.

### 163. Remove the adhesive backings.



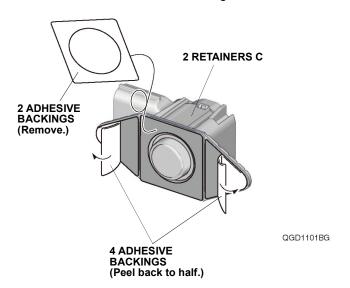
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164. Press the retainers B.

### NOTE

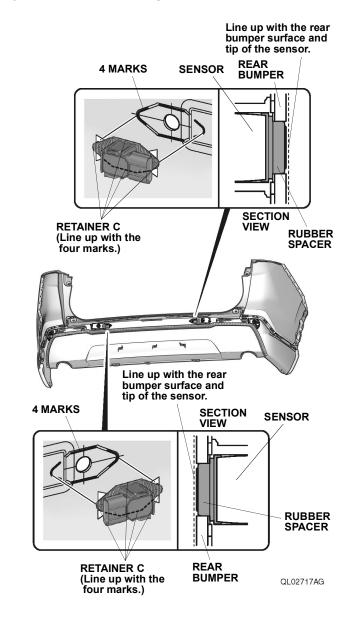
Check the position of the double-sided adhesive tapes and make sure to press firmly.

165. Peel back the adhesive backings.

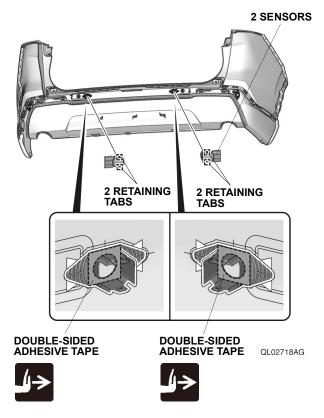


166. Remove the adhesive backings.

167. Attach the retainers C.



168. Remove the sensors.

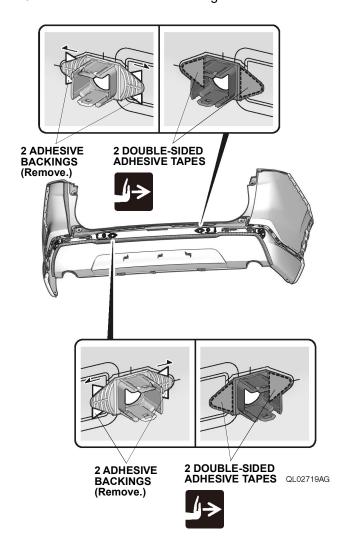


169. Press the retainers C.

#### NOTE

Check the position of the double-sided adhesive tapes and make sure to press firmly.

170. Remove the adhesive backings.



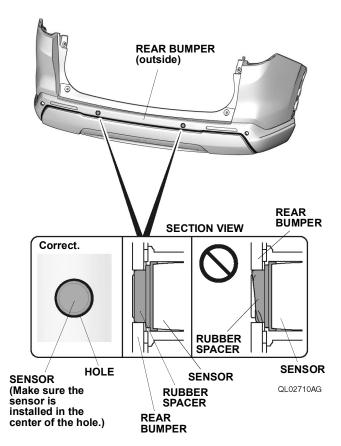
171. Press the retainers C.

#### NOTE

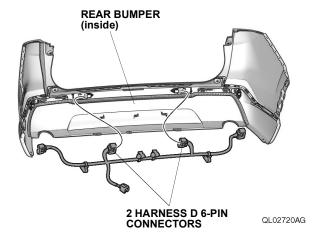
Check the position of the double-sided adhesive tapes and make sure to press firmly.

172. Install the sensors (center only).

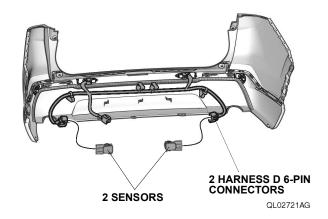
173. Check the sensors and rubber spacers install condition.



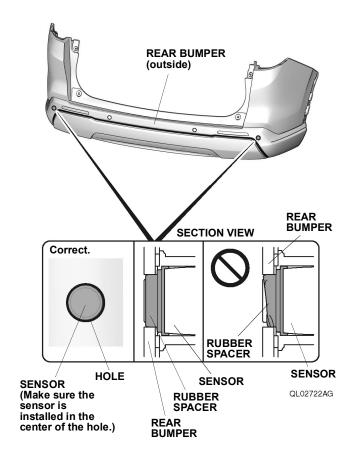
174. Plug-in the harness D connectors.



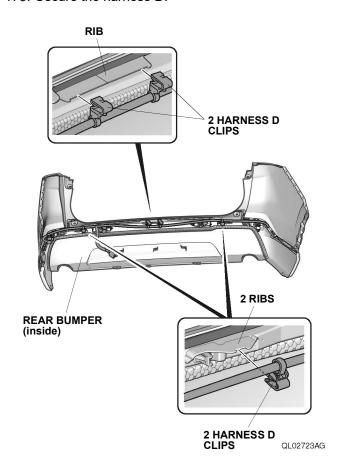
175. Plug-in the harness D connectors.



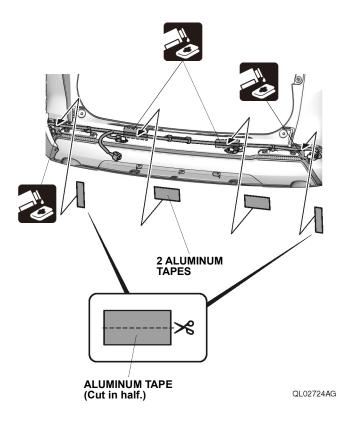
- 176. Install the sensors.
- 177. Check the sensors and rubber spacers install condition.



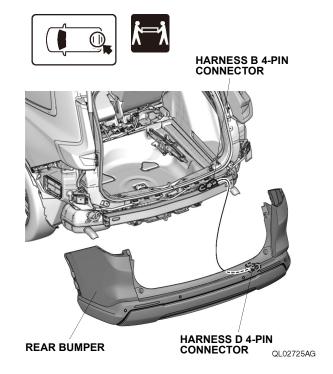
178. Secure the harness D.



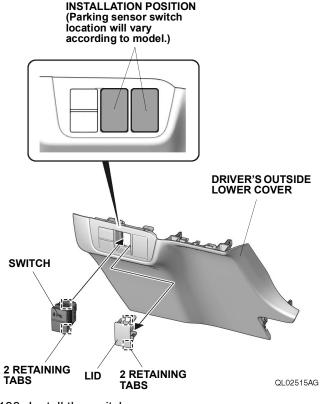
179. Secure the harness D.



180. Plug-in the harness D connector.



- 181. Install the rear bumper.
- 182. Remove the lid.



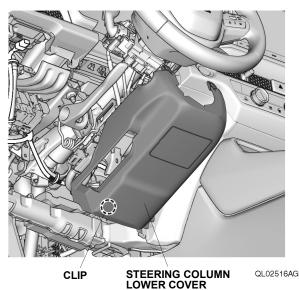
183. Install the switch.

184. Loosely install the steering column lower cover.

### NOTE

Do not secure the self-tapping screws in this step.

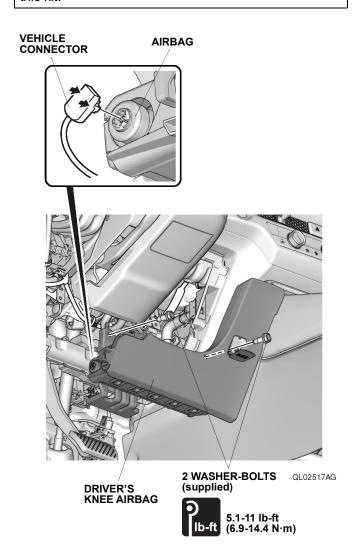




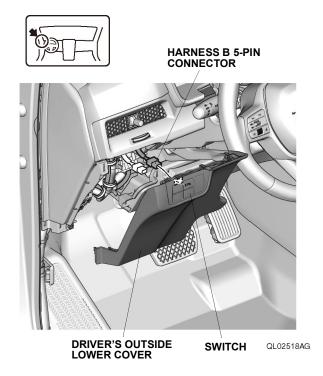
185. Install the driver's knee airbag.

### NOTE

Make sure to replace with the washer-bolts included in this kit.



186. Plug-in the harness B connector.

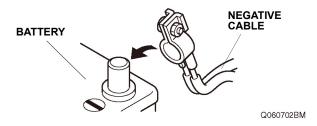


187. Install the driver's outside lower cover.

188. Check that all parts are installed and properly routed.

#### NOTE

- Check that all harnesses are not pulled and not pinched.
- Make sure all clamps and wire ties are securely installed.
- 189. Install all removed parts except for the self-tapping screws removed in steps 9 and 11 and steering column upper cover.
- 190. Connect the negative cable to the battery.



- 191. Install the self-tapping screws removed in steps 9 and 11 and steering column upper cover.
- 192. Turn the engine switch (power switch) to ON; the SRS indicator should come on for about 6 seconds and then go off.
- 193. Make sure the accessory operates as described in the Accessory User's Information Manual.
- 194. Make sure all accessories and systems operate properly.
- 195. If necessary, restore the systems back to normal operation as described in the service information.
- 196. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.
- 197. Give the Accessory User's Information Manual to the customer.

### **Initial Settings of the Parking Sensors**

- 198. Turn the headlight switch to OFF.
- 199. Turn the engine switch (power switch) to ON.
- 200. Press the switch ten times in ten seconds.
- 201. Check that the indicator in the switch flashes.
- 202. Turn the engine switch (power switch) to OFF.
- 203. Turn the engine switch (power switch) to ON while press the switch. Hold the switch for about ten seconds, and check that the buzzer beeps for 2 seconds.

### **Check the Operation of the Parking Sensors** NOTE:

- Danfanna at a flat n
- Perform at a flat place.
- Perform while press on the foot brake.
- 204. Turn the engine switch (power switch) to ON.
- 205. Turn the switch on and check that the indicator in the switch comes on.
- 206. Release the parking brake, move the shift lever to R.
- 207. Bring a plate to each sensor and check that the buzzer beeps within the range indicated in the illustration (Perform operation check to all sensors).

#### NOTE

- · Open all doors to hear the buzzer beeping well.
- If the buzzer beeps from the meter, the starting sounds will not ring.

208. Check that the parking sensors work properly as described in the Accessory User's Information Manual in this kit.

### NOTE

If the object position shown in the display differ from the actual position, repeat steps 198 through 203.

