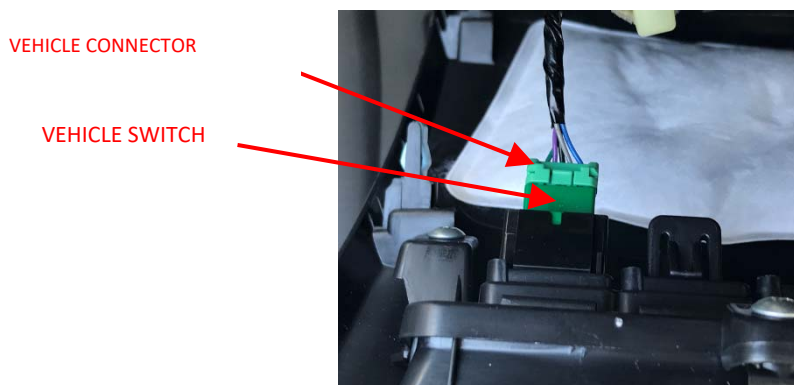
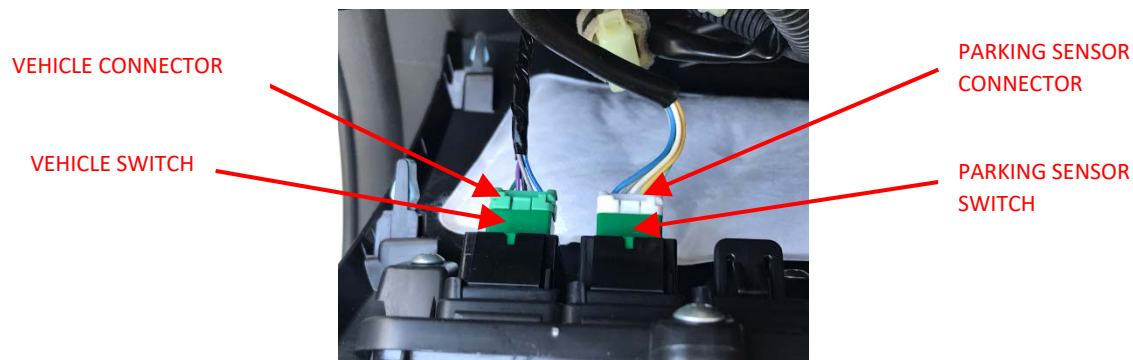


Accessory Parking Sensors Installation Tips

When completing step 26 of the parking sensor installation instruction. Note the location of the vehicle connector and switch before disconnecting them.



After connecting the parking sensor harness 5-pin connector into the parking sensor switch in step 130, make sure the vehicle connector is plugged into to the vehicle switch.





HONDA INSTALLATION INSTRUCTIONS

Accessory
PARKING SENSORS

Application
**2021 ACCORD
2021 ACCORD HYBRID**

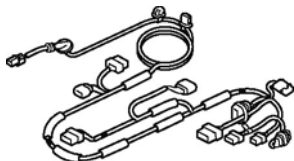
Publications No.
VERSION 1
Issue Date
SEP 2020

PARTS LIST

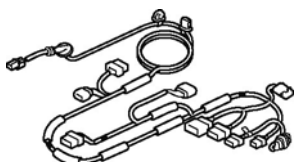
Parking Sensors Attachment Kit
P/N 08V67-TVA-100B
P/N 08V67-TVA-100C

*: The part differs depending on the kit.

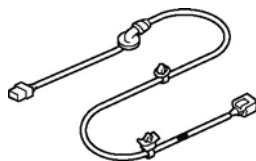
*Parking sensor harness
(P/N 08V67-TVA-100B)



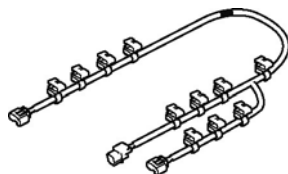
*Parking sensor harness
(P/N 08V67-TVA-100C)



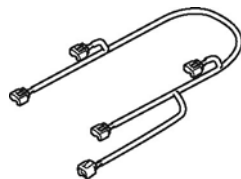
Subharness



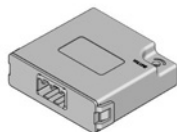
Front bumper harness



Rear bumper harness



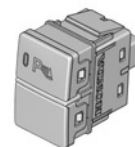
Control unit



Control unit bracket



Parking sensor switch



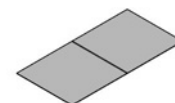
35 Wire ties A
(Some may not be used)



2 Wire ties B
(narrow)



12 Aluminum tapes



2 Retainers A
(Identification mark: 0DEG 0.8)



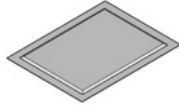
- 4 Retainers B
(Identification mark: 0DEG 1.2)



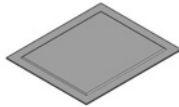
- 6 Rubber spacers



- 3 Primers



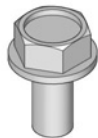
- 2 Alcohol wipes



- Fuse label



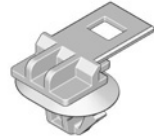
- Flange bolt



- Clip



- Connector clip



- 2 Wire ties with clip A
(Some may not be used)



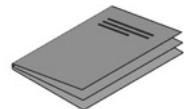
- Wire tie with clip B



- Wire tie with clip C

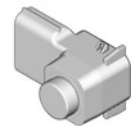


- Accessory user's information manual



Sensors Kit P/N 08V67-TVA-100K

- 6 Sensors



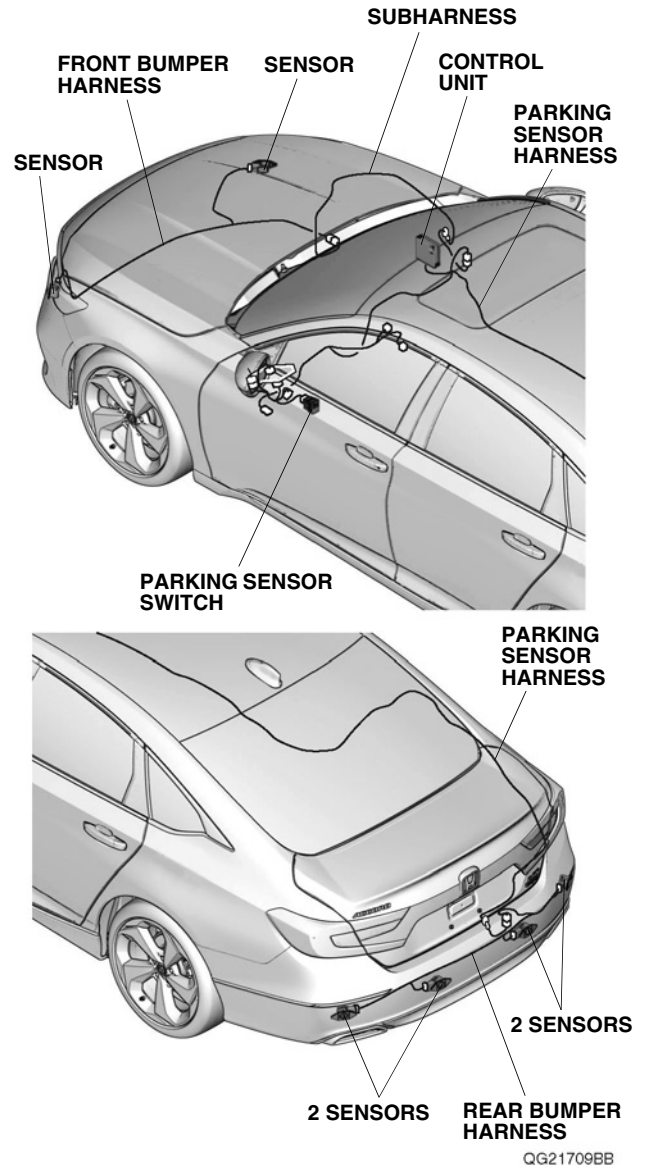
TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver
Ruler
10 mm, 12 mm, and 13 mm Open end wrenches
10 mm Socket
Pushpin
Ratchet
3 mm, 6 mm, and 8.5 mm Drill bits
Eye protection (face shield, safety goggles, etc.)
File
Masking tape
5 mm Hex wrench
Blanket
Isopropyl alcohol
Shop towel
Felt-tip pen
Drill
Diagonal cutters
Utility knife
Rubber mallet
Scissors
Steel wire
Electrical tape
Plate
Tape measure

The following tools are available through the Honda Tool and Equipment Program. On the iN, click on Service > Service Bay > Tool and Equipment Program, then enter the number under "Search." Or, call 888-424-6857.

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

Illustration of the Parking Sensors on the Vehicle

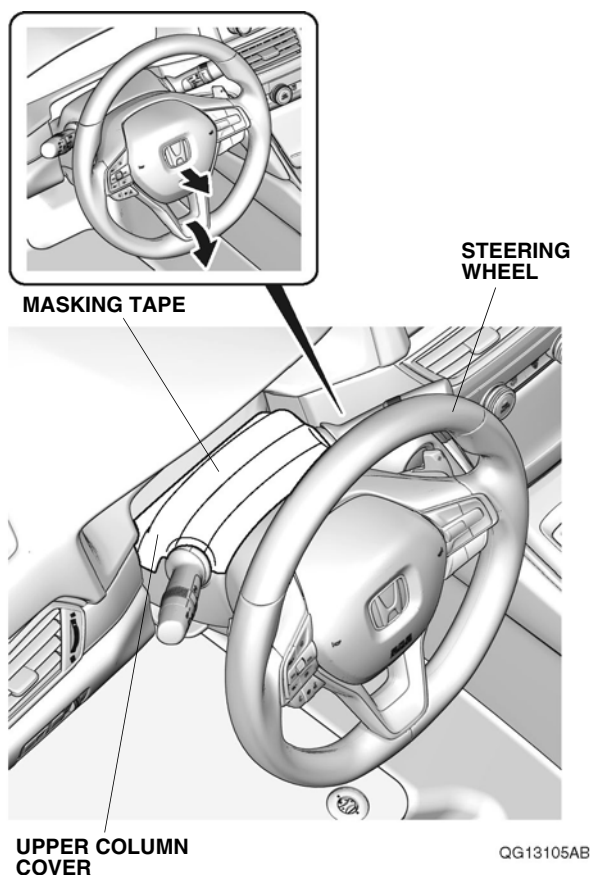


INSTALLATION

Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by “do-it-yourselfers.”

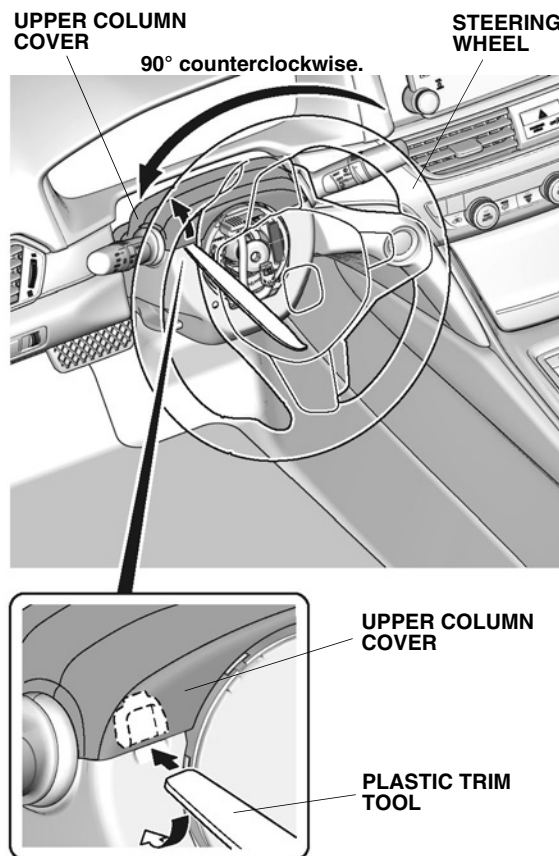
NOTE: If you turn the engine switch (POWER switch) to ON during installation, an indicator come on in the meter panel. Once, you finish installation and carry out the initial settings, the indicator will go off.

1. Open the trunk lid.
2. Lower and pull out the steering wheel as shown.



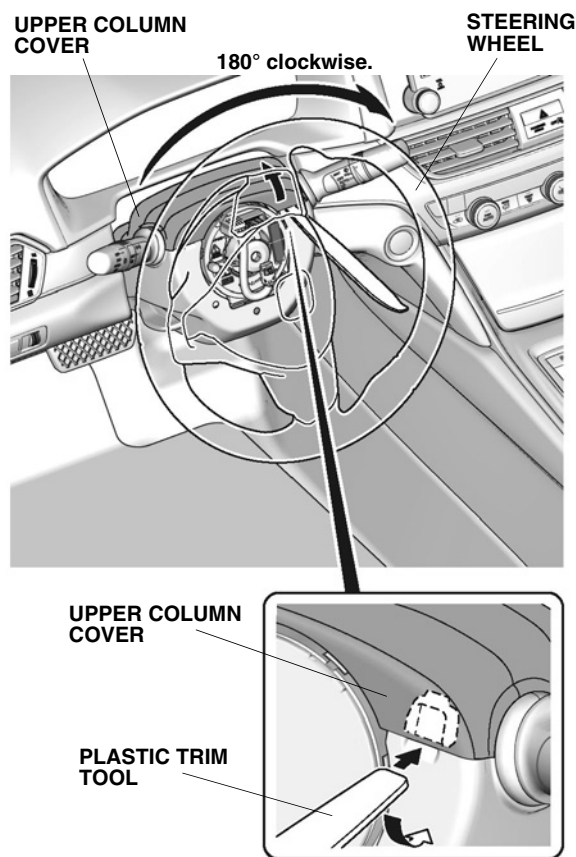
3. Apply masking tape to the upper column cover.

4. Turn the steering wheel 90° counterclockwise. Using a plastic trim tool, release the upper column cover.



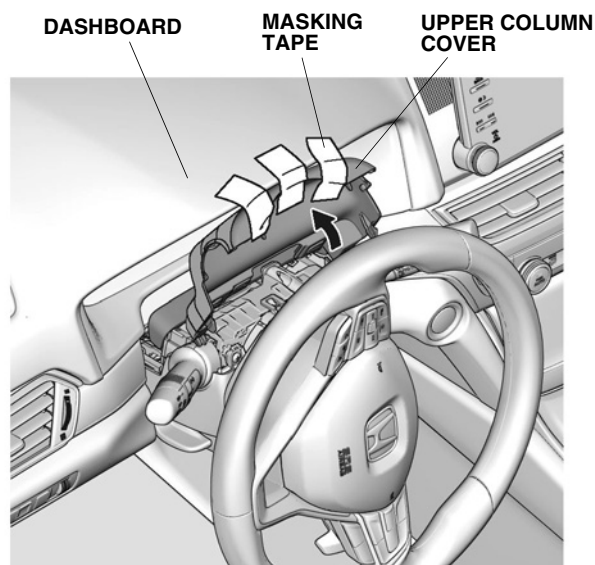
QG13106AB

- Turn the steering wheel 180° clockwise. Using a plastic trim tool, release the upper column cover.



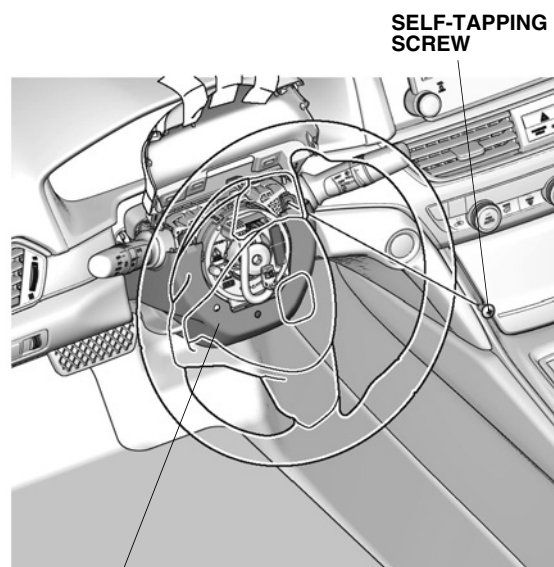
QG13107AB

- Release the upper column cover and secure it to the dashboard with masking tape.



QG13108AB

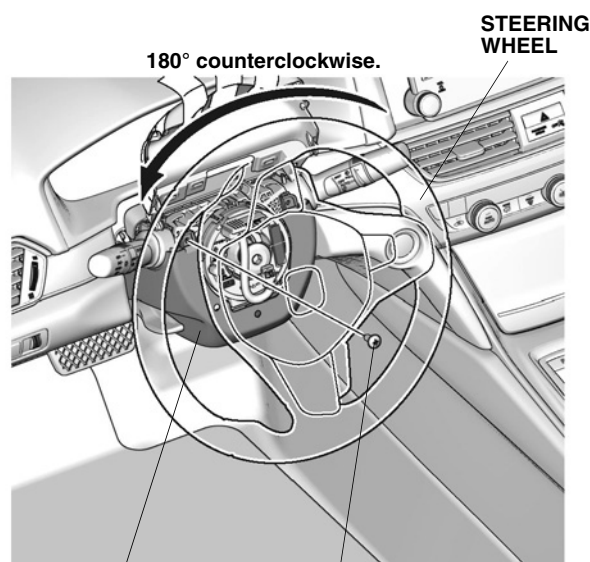
- Remove the self-tapping screw from the lower column cover.



LOWER COLUMN COVER

QG13109AB

- Turn the steering wheel 180° counterclockwise, and remove the other self-tapping screw from the lower column cover.



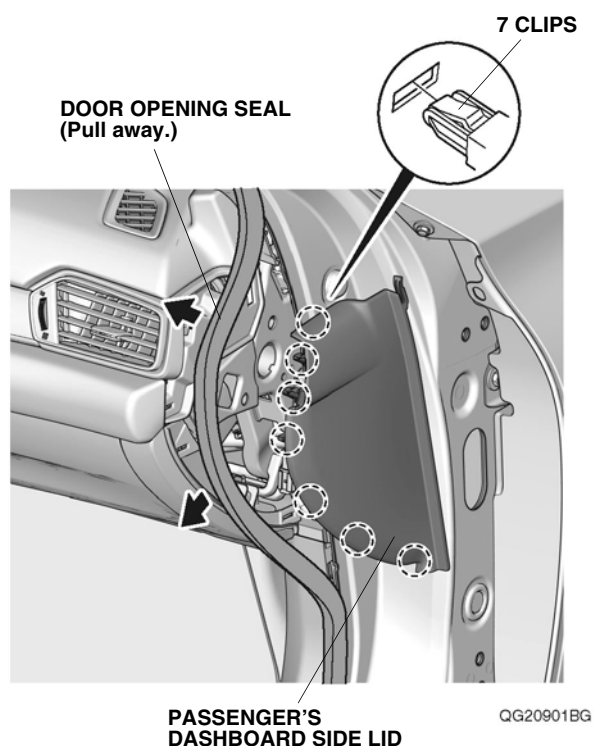
LOWER COLUMN COVER

SELF-TAPPING SCREW

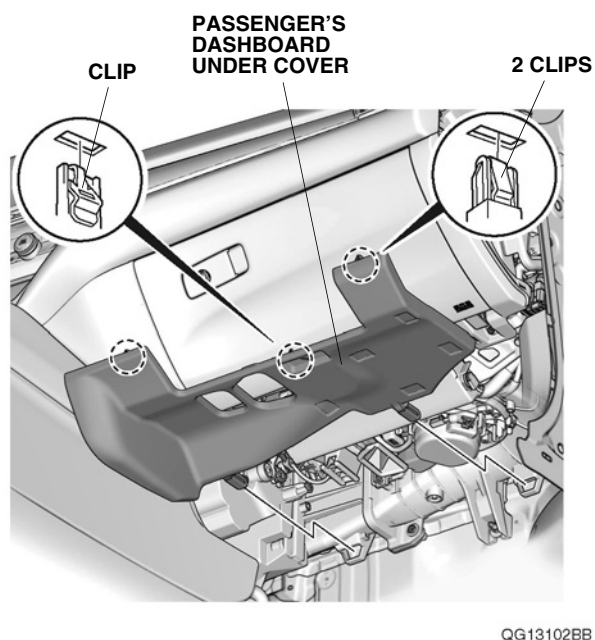
QG13110AB

- Disconnect the negative cable from the battery, then wait at least 3 minutes before starting works.

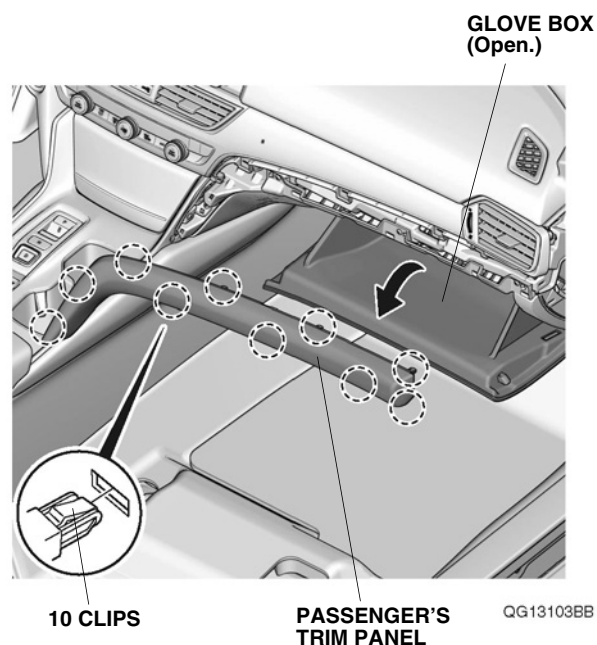
10. Pull away the door opening seal, and remove the passenger's dashboard side lid.



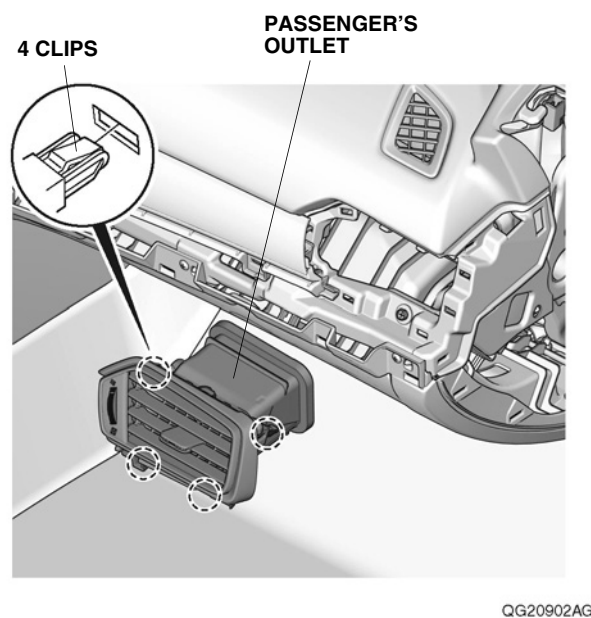
11. Remove the passenger's dashboard under cover.



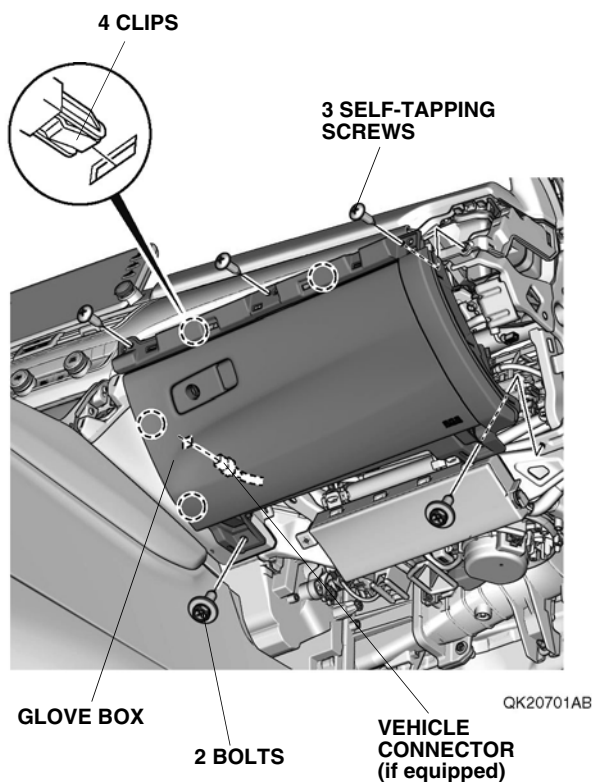
12. Open the glove box and remove the passenger's trim panel. Close the glove box.



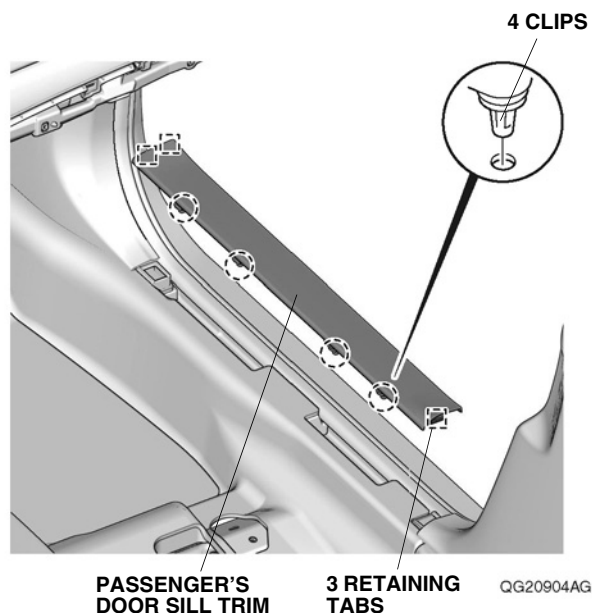
13. Remove the passenger's outlet.



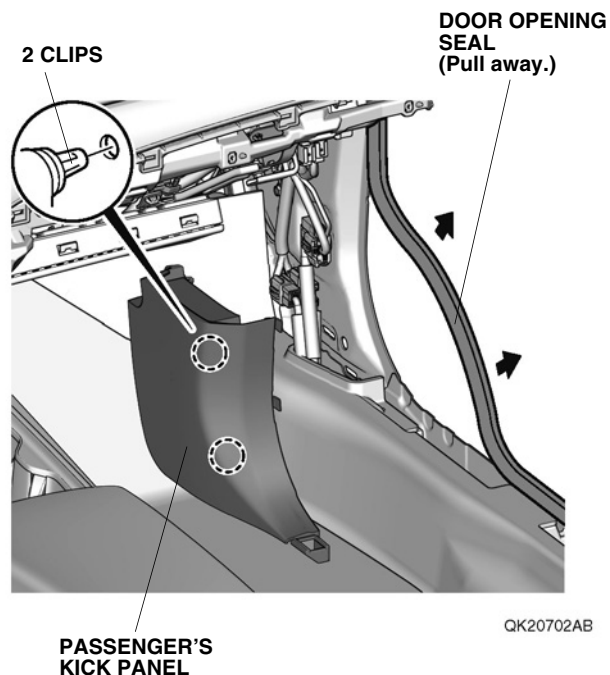
14. Remove the glove box, and unplug the vehicle connector (if equipped).



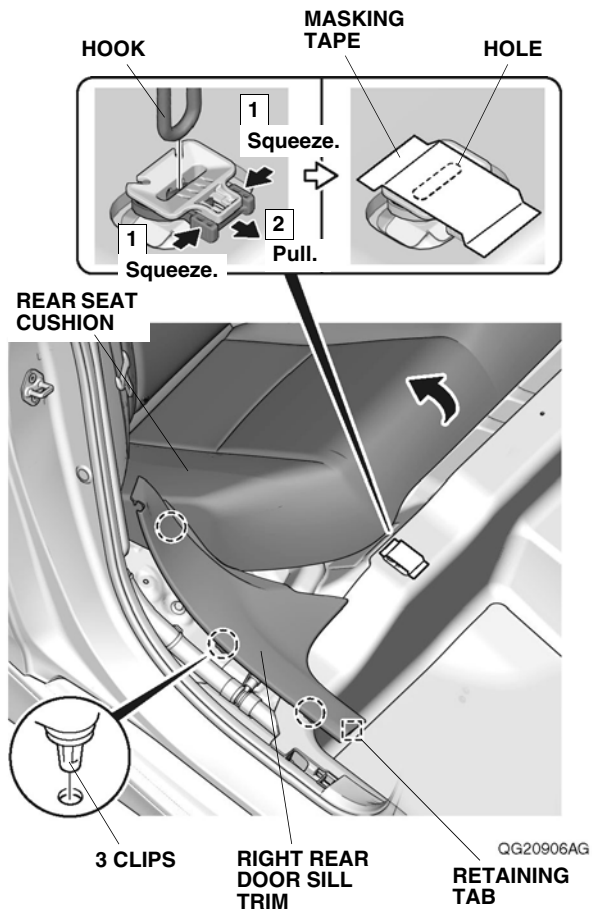
15. Remove the passenger's door sill trim.



16. Pull away the door opening seal, and remove the passenger's kick panel.

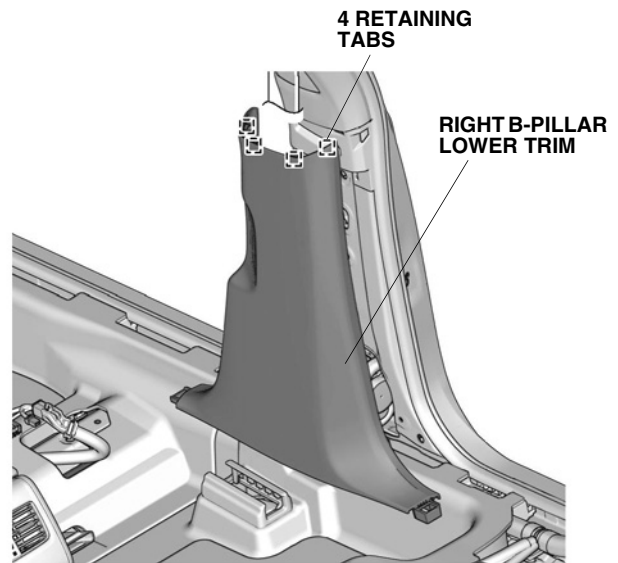


17. Release and pull up on the rear seat cushion. Place a piece of masking tape as shown to prevent the hook from re-engaging.

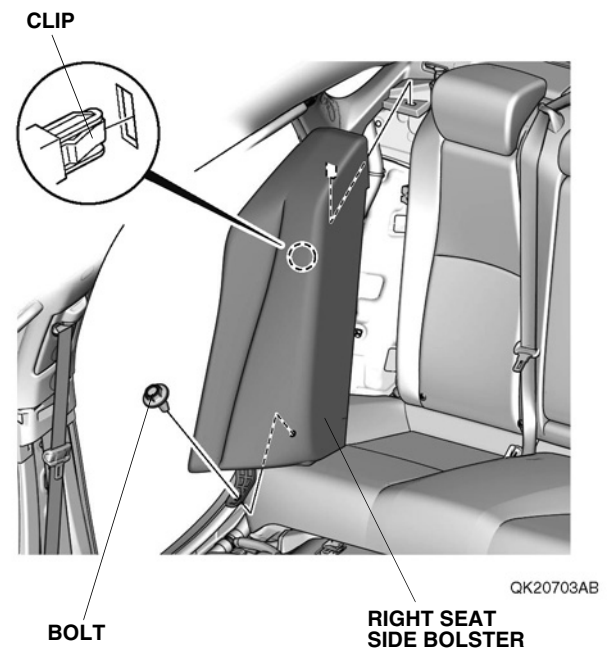


18. Remove the right rear door sill trim.

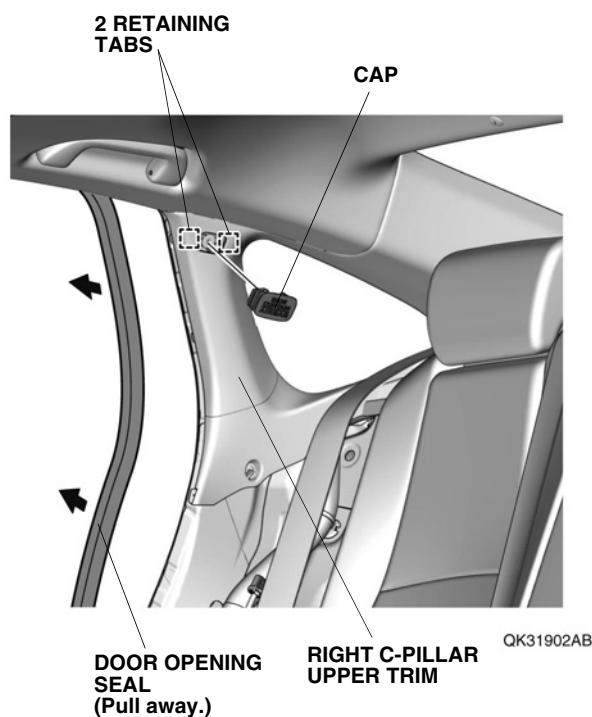
19. Remove the right B-pillar lower trim.



20. Remove the right seat side bolster.

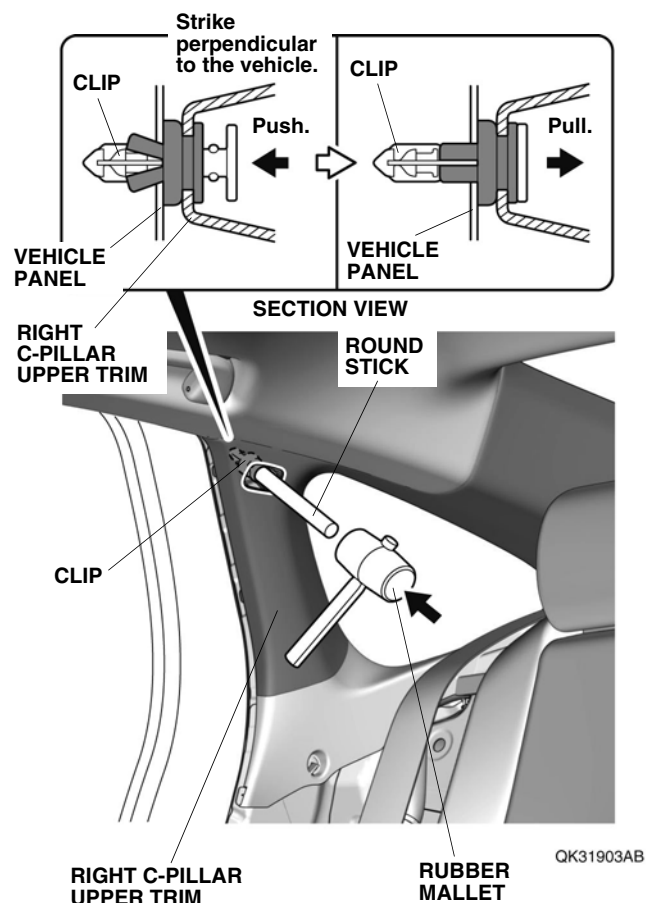


21. Pull away the door opening seal from around the right C-pillar upper trim.

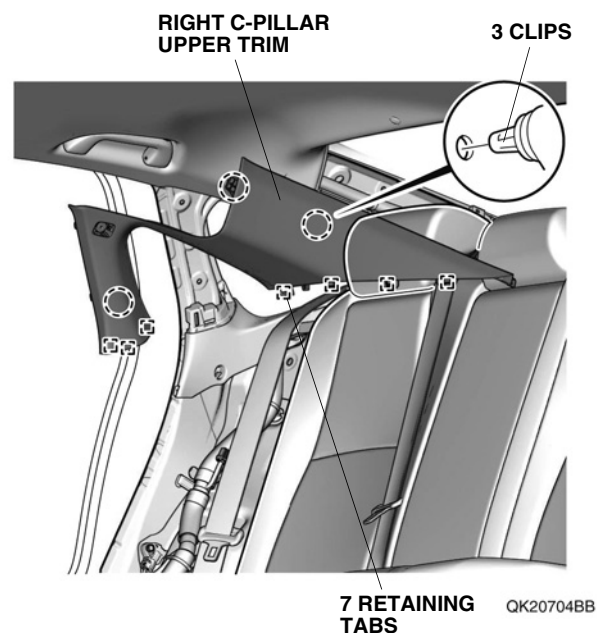


22. Remove the cap.

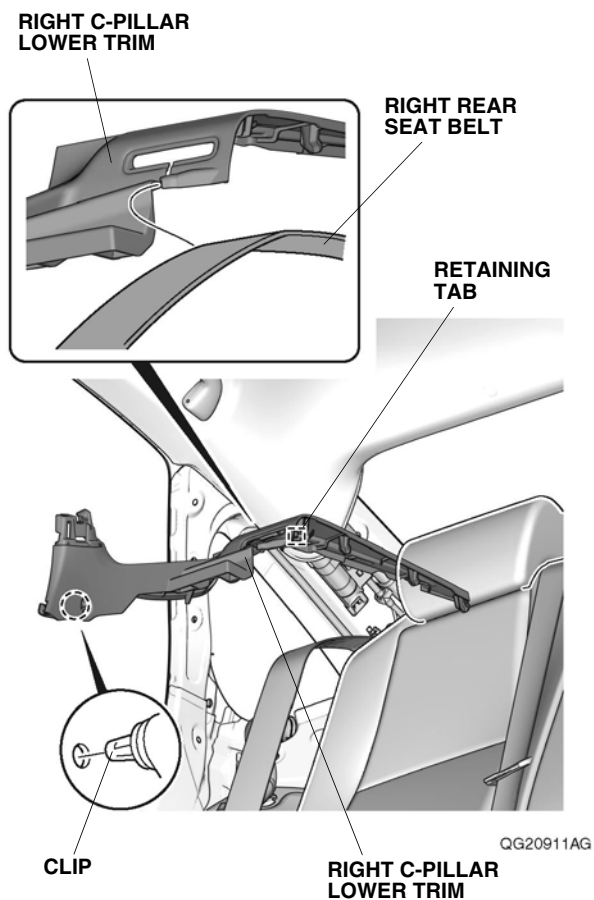
23. Using a rubber mallet and round stick, lightly tap the clip on the right C-pillar upper trim to push in the clip. Make sure to strike the clip perpendicular to the vehicle.



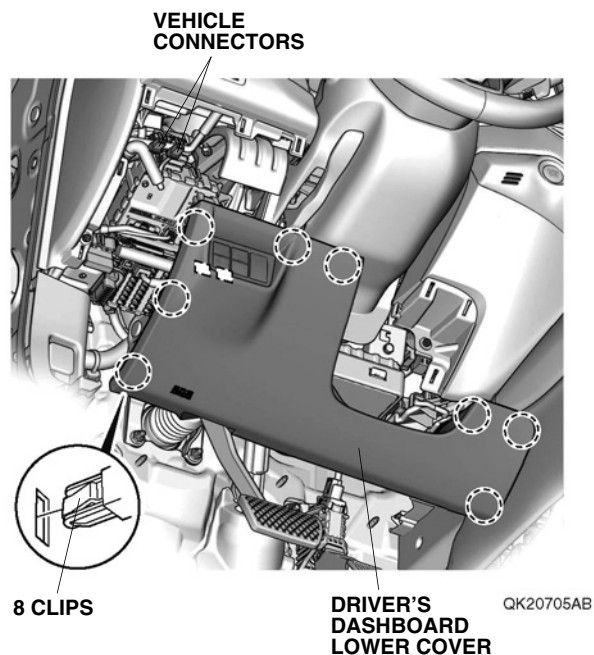
24. Remove the right C-pillar upper trim.



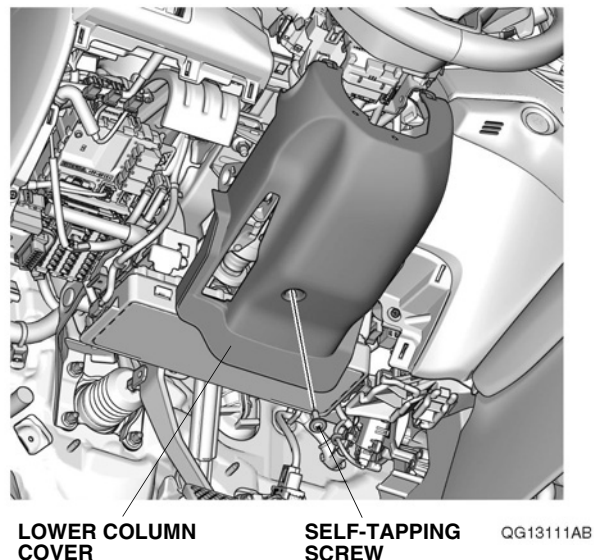
25. Release the right rear seat belt from the right C-pillar lower trim, and remove the trim.



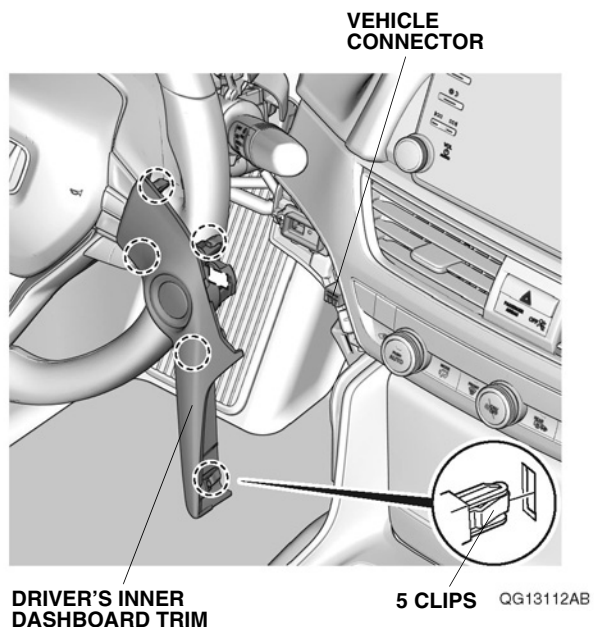
26. Remove the driver's dashboard lower cover, and unplug the vehicle connectors.



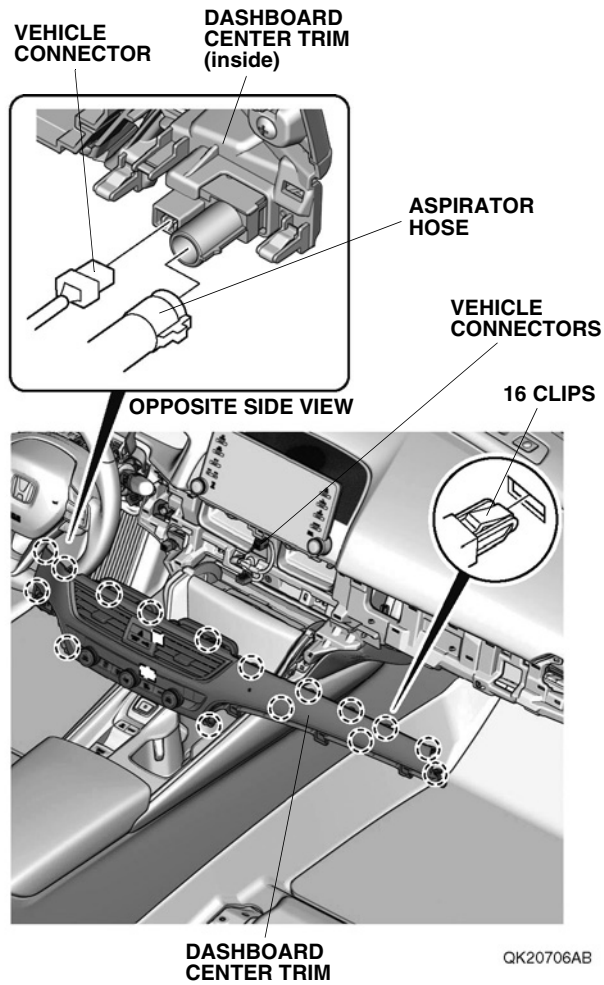
27. Remove the lower column cover.



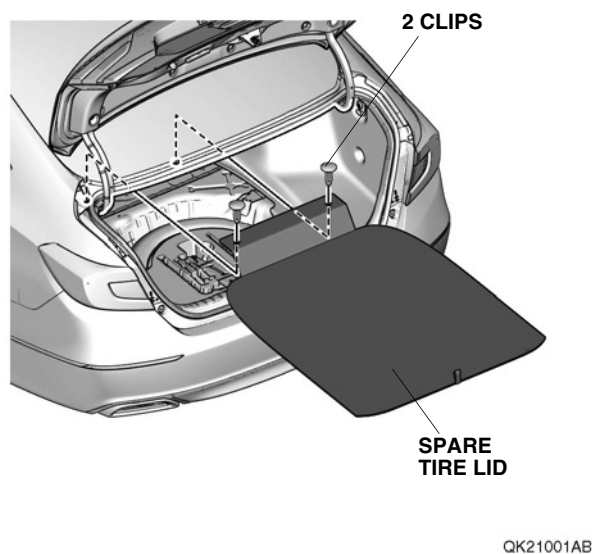
28. Remove the driver's inner dashboard trim and unplug the vehicle connector.



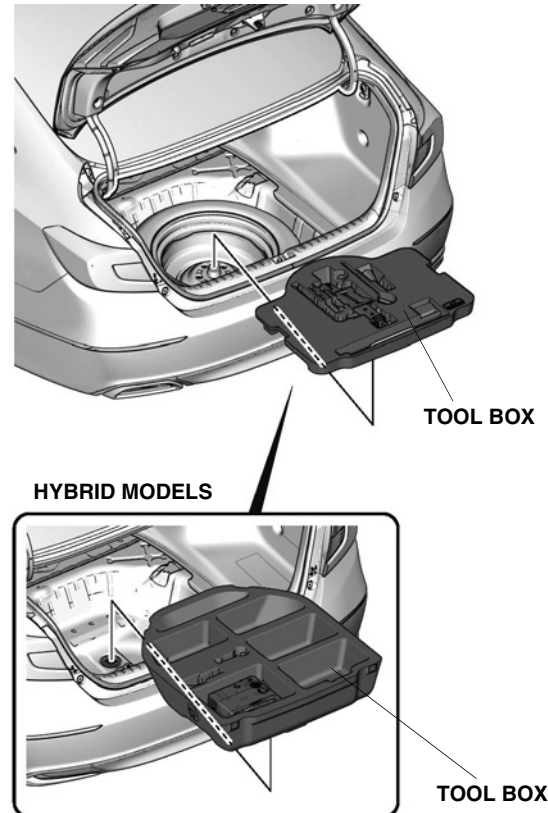
29. Remove the dashboard center trim, and unplug the vehicle connectors.



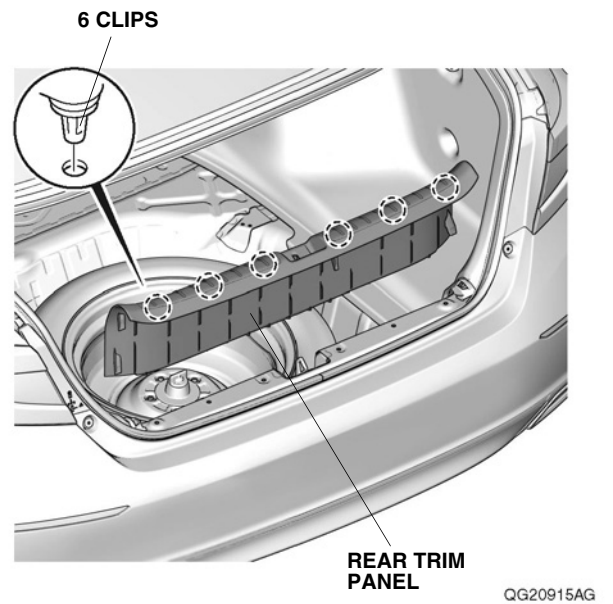
30. Remove the spare tire lid.



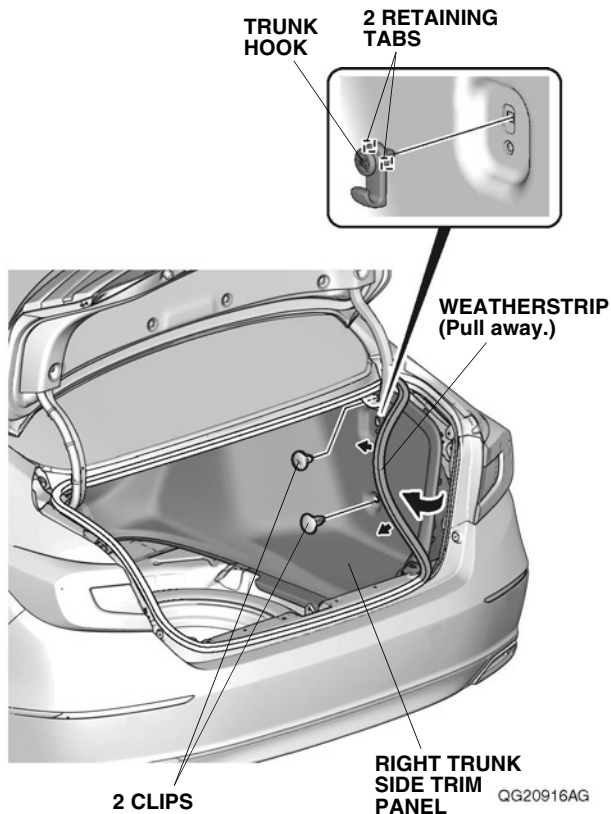
31. Remove the tool box.



32. Remove the rear trim panel.

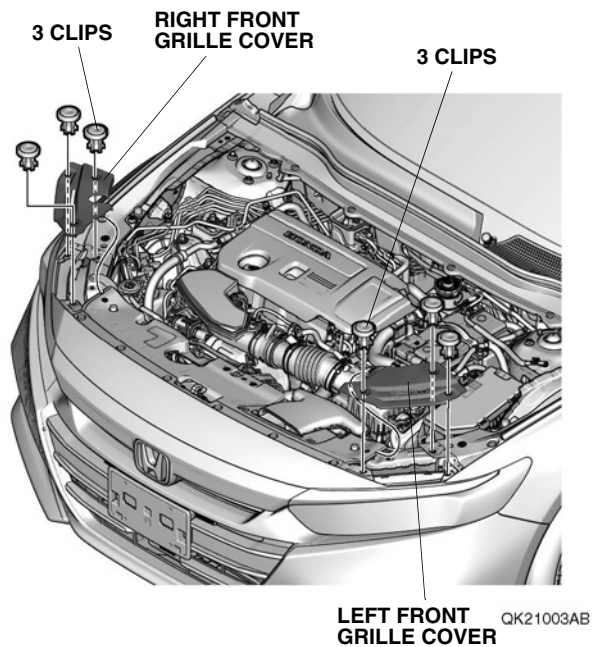


33. Remove the trunk hook.



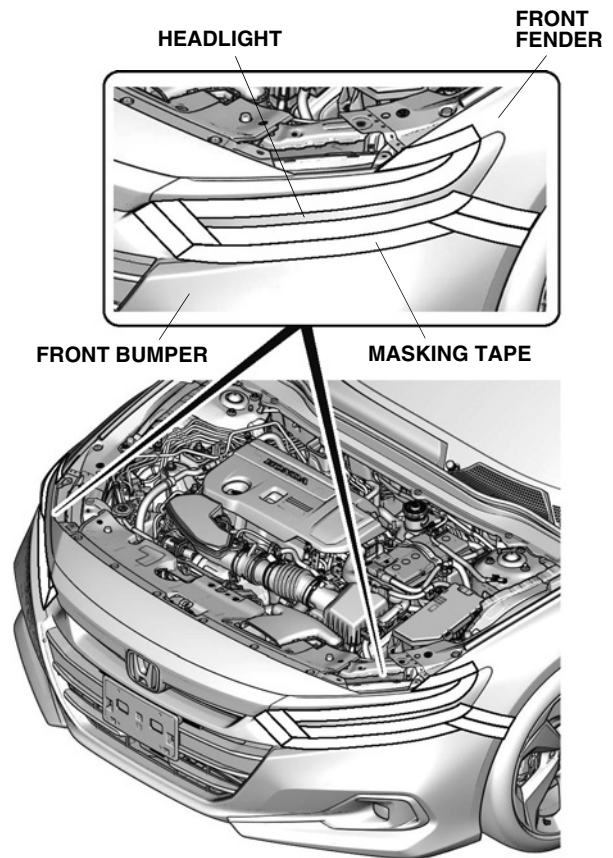
34. Pull away the weatherstrip, and release the right trunk side trim panel.

35. Remove the left front grille cover and right front grille cover.

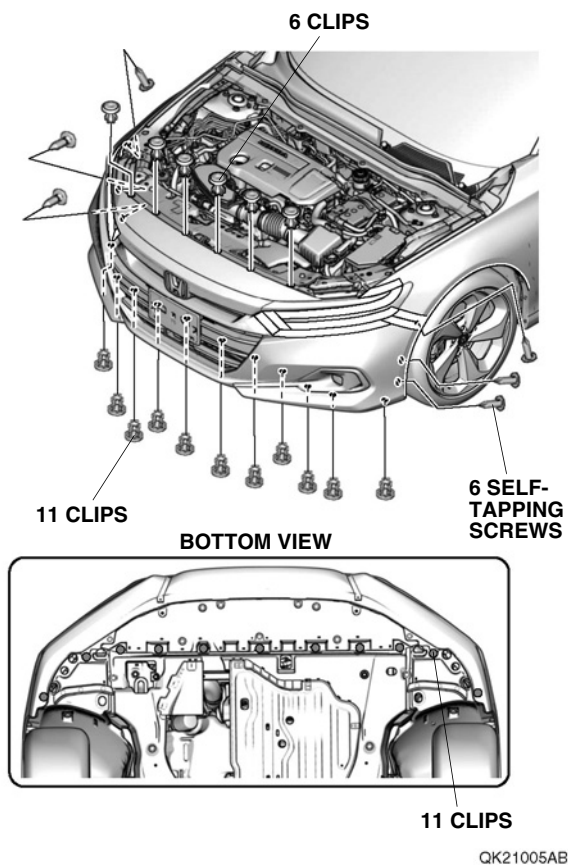


36. Remove the front bumper:

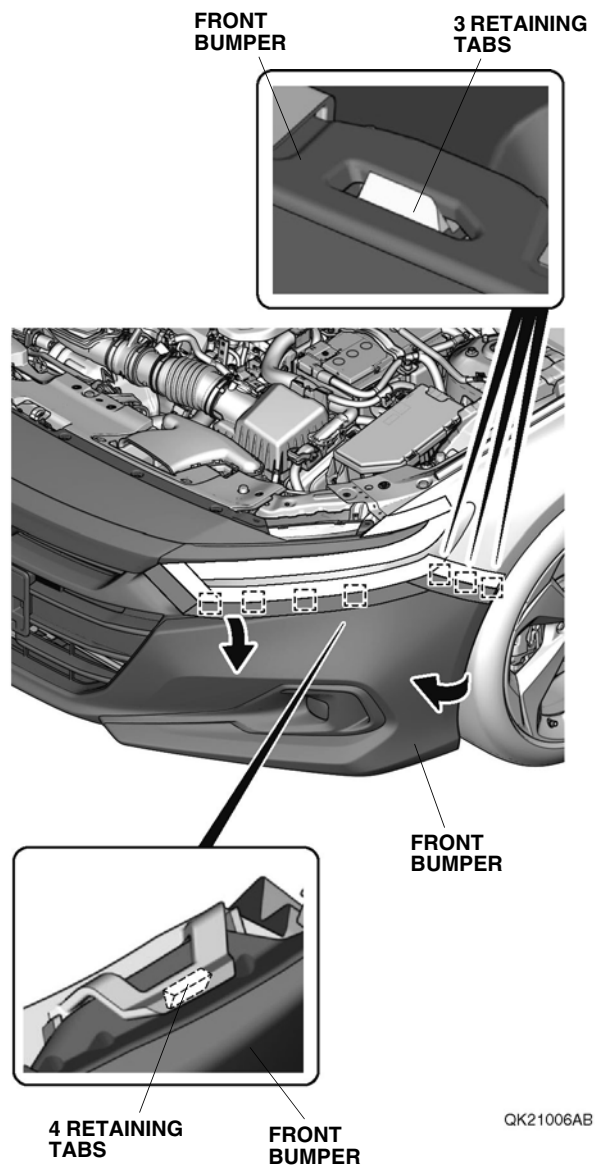
- Apply masking tape as shown.



- Remove the six self-tapping screws and 17 clips as shown.

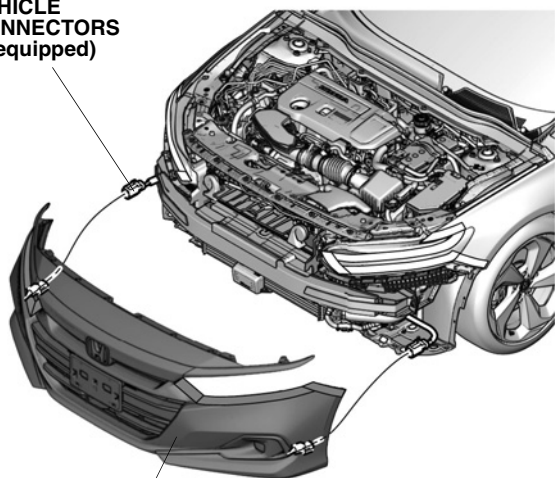


- With the help of an assistant, release the seven retaining tabs on each side.



- With the help of an assistant, remove the front bumper, and unplug the vehicle connectors (if equipped).
- Place the front bumper on a blanket.

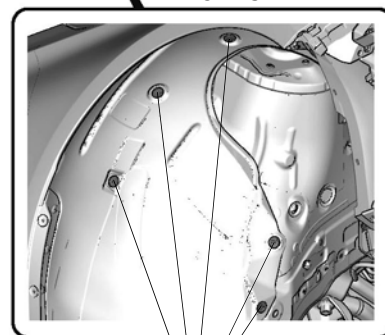
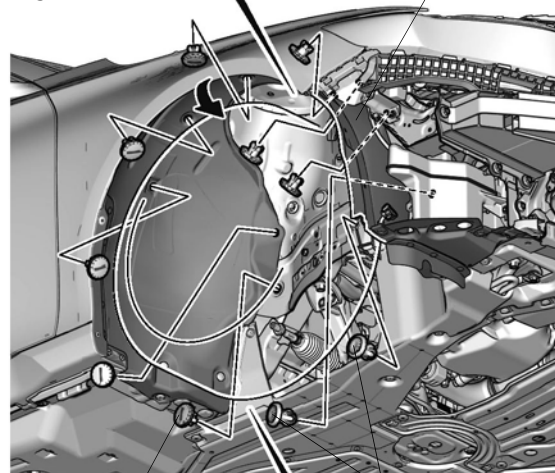
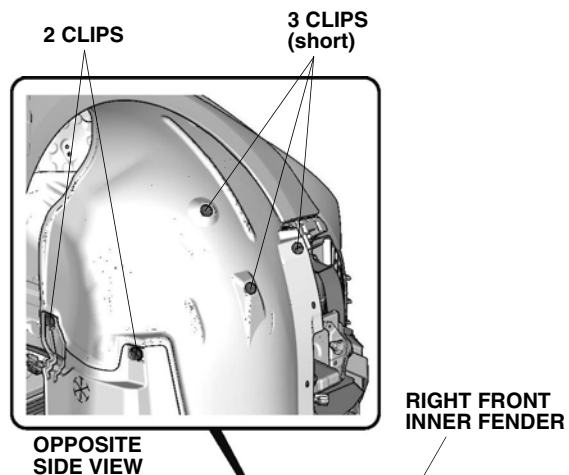
VEHICLE
CONNECTORS
(if equipped)



FRONT
BUMPER

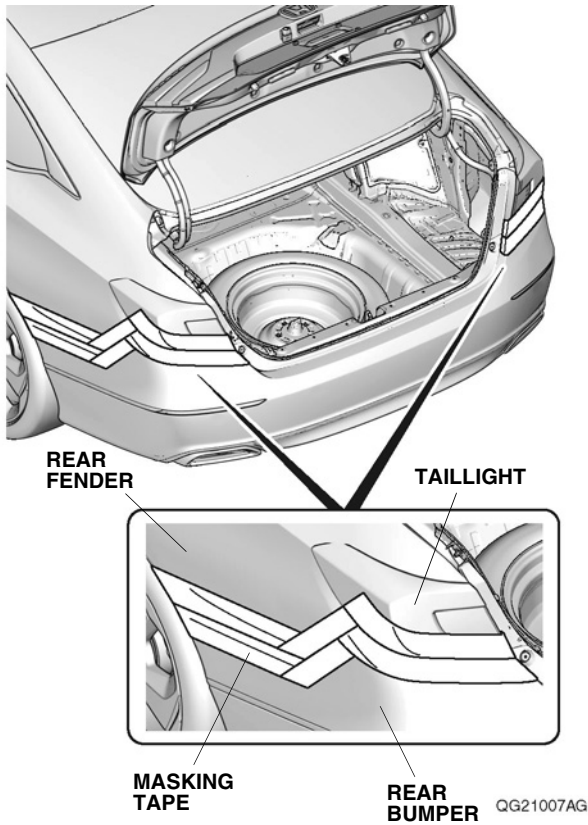
QK21007BB

37. Release the right front inner fender.

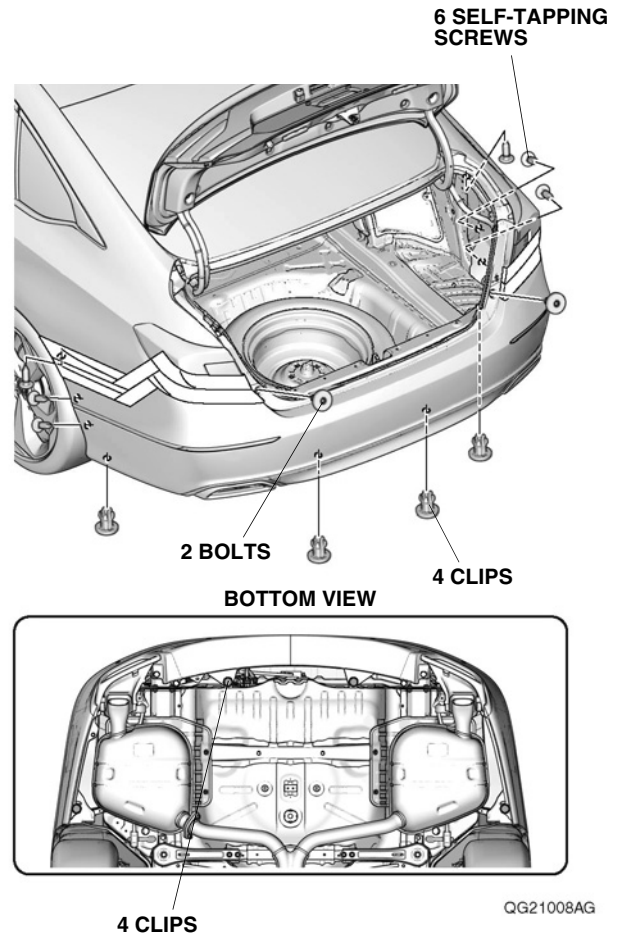


QK21008AB

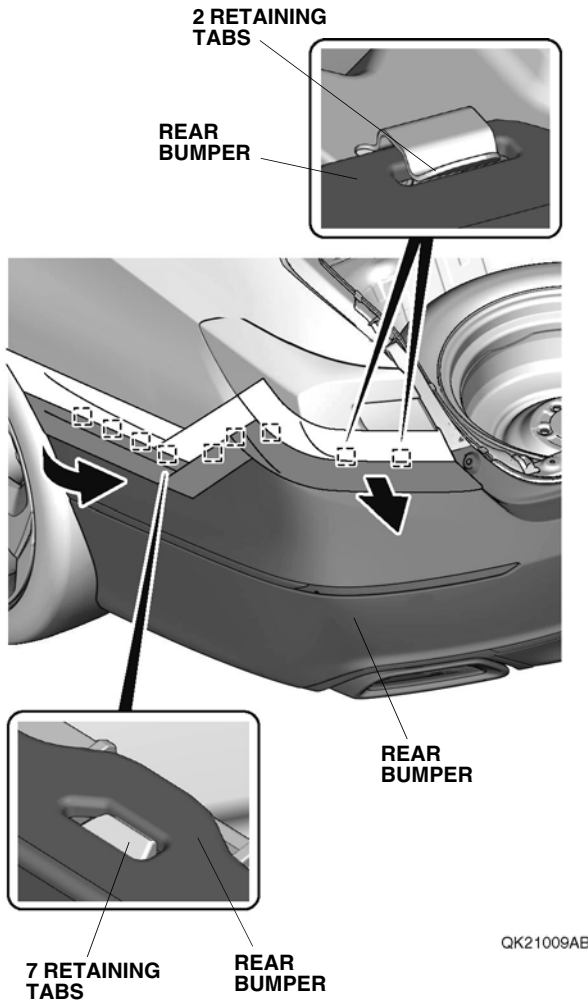
38. Remove the rear bumper:
- Apply masking tape as shown.



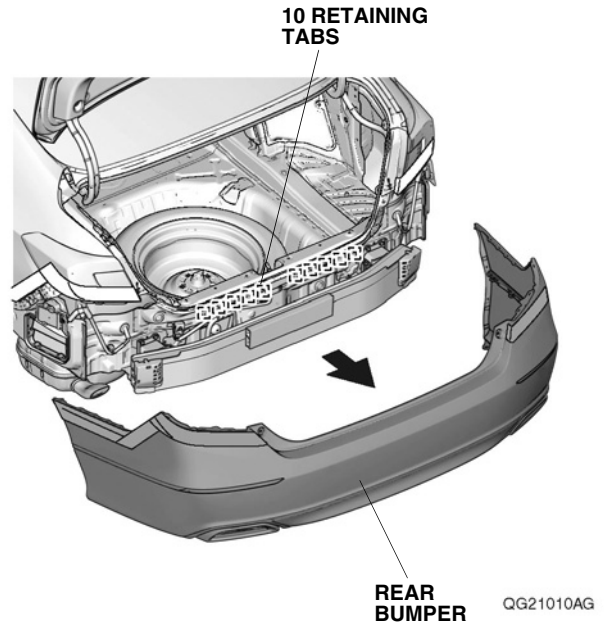
- Remove the six self-tapping screws, four clips, and two bolts as shown.



- With the help of an assistant, release the nine retaining tabs on each side.



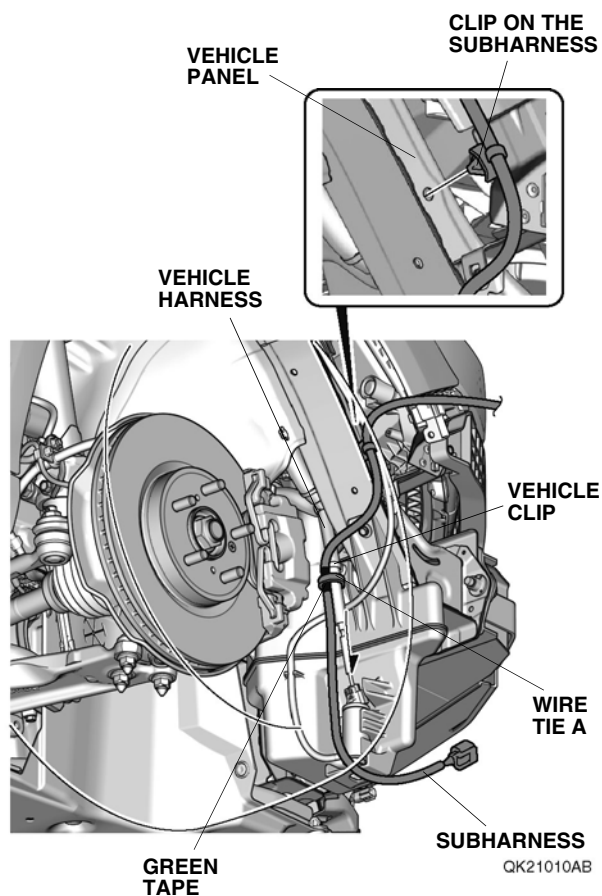
- With the help of an assistant, remove the rear bumper.
- Place the rear bumper on a blanket.



If the vehicle is equipped with standard fog lights, go to step 41; otherwise, continue with step 39.

Without standard fog lights

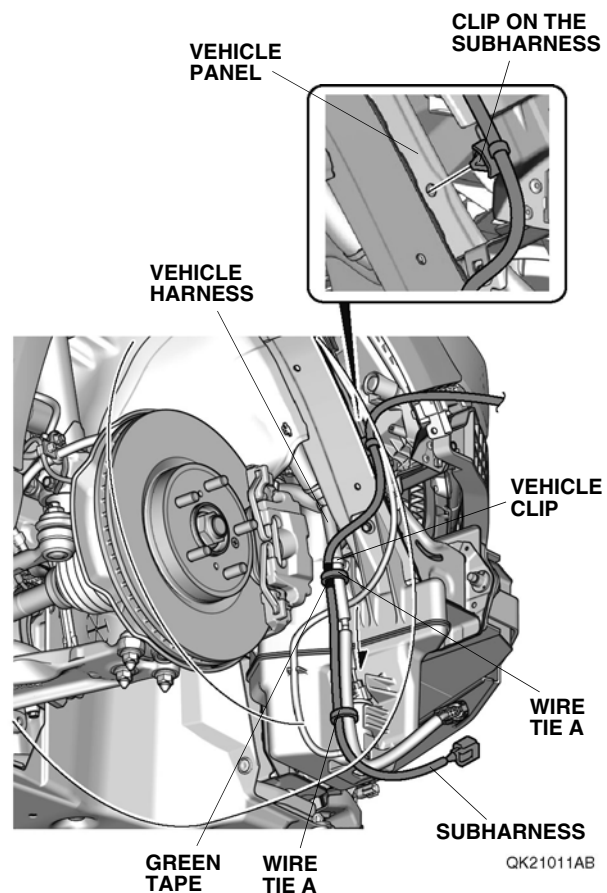
39. Route the subharness, and secure it to the vehicle panel with the clip on the subharness.



40. Secure the subharness to the vehicle harness with one wire tie A at the green tape on the subharness. Go to step 44.

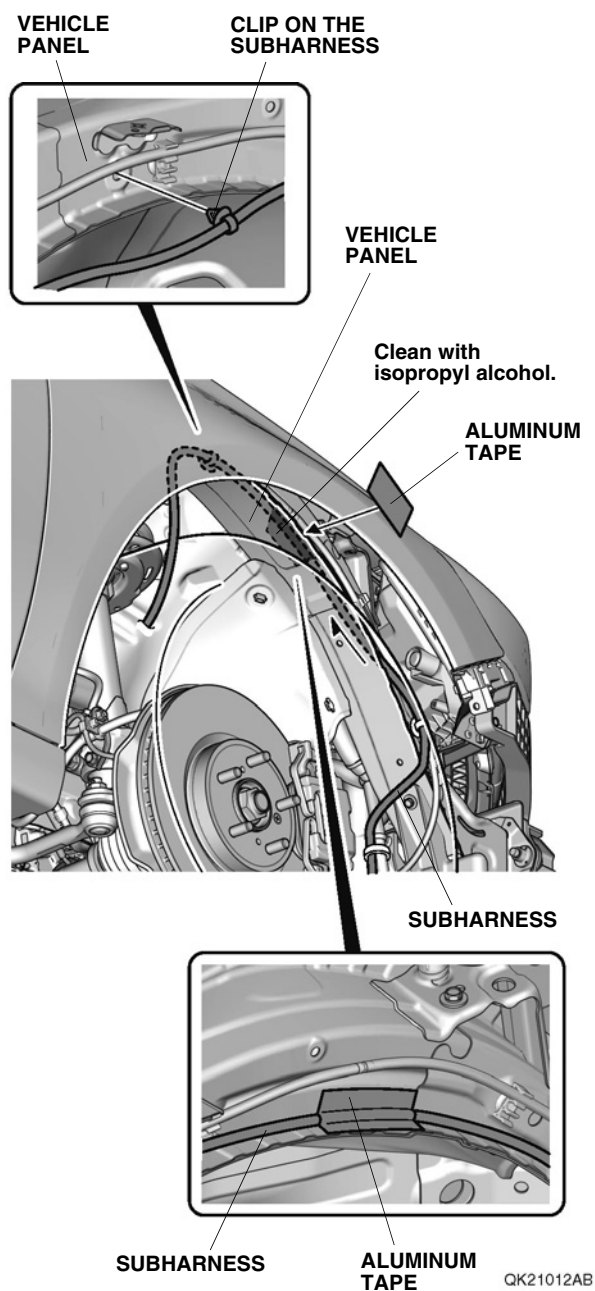
With standard fog lights

41. Route the subharness, and secure it to the vehicle panel with the clip on the subharness.



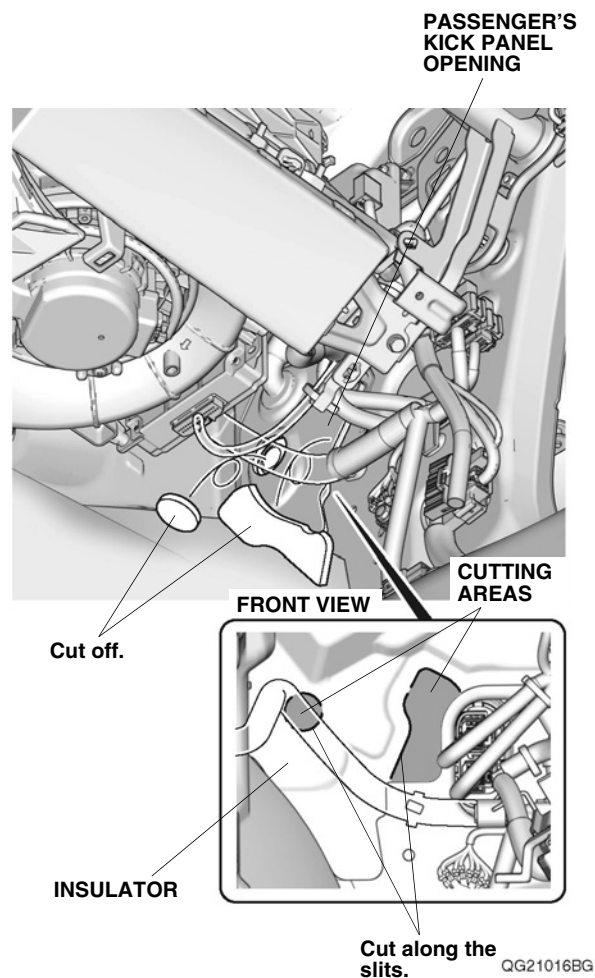
42. Secure the subharness to the vehicle harness with one wire tie A at the green tape on the subharness.
43. Secure the subharness to the vehicle harness with one wire tie A.

44. Route the subharness, and secure it to the vehicle panel with the clip on the subharness.

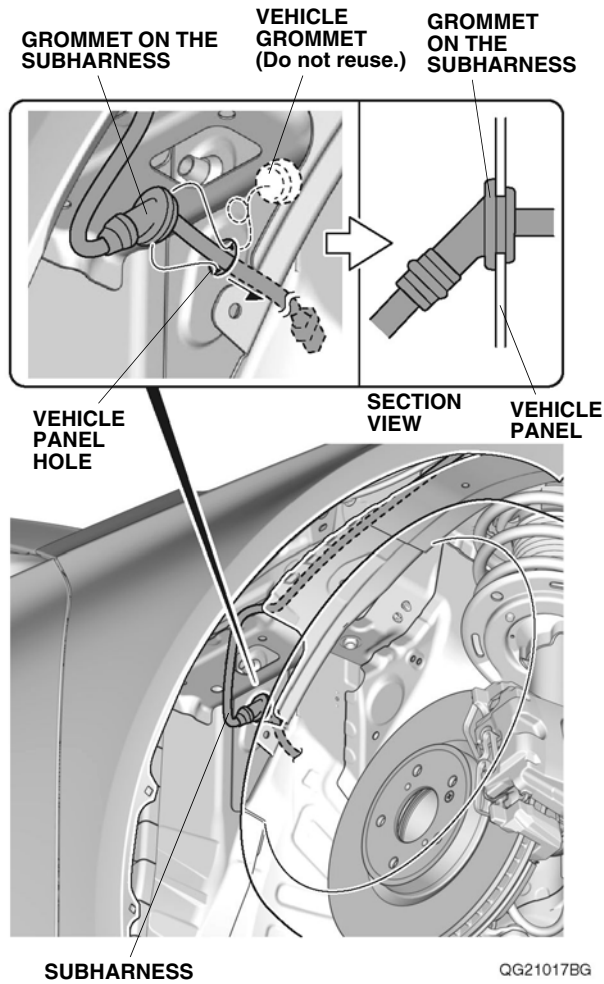


45. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle panel where the aluminum tape will attach.
46. Secure the subharness to the vehicle panel with one piece of aluminum tape as shown.

47. Using a utility knife, cut off the insulators as shown.



48. Remove the vehicle grommet. Route the subharness through the vehicle panel hole as shown.

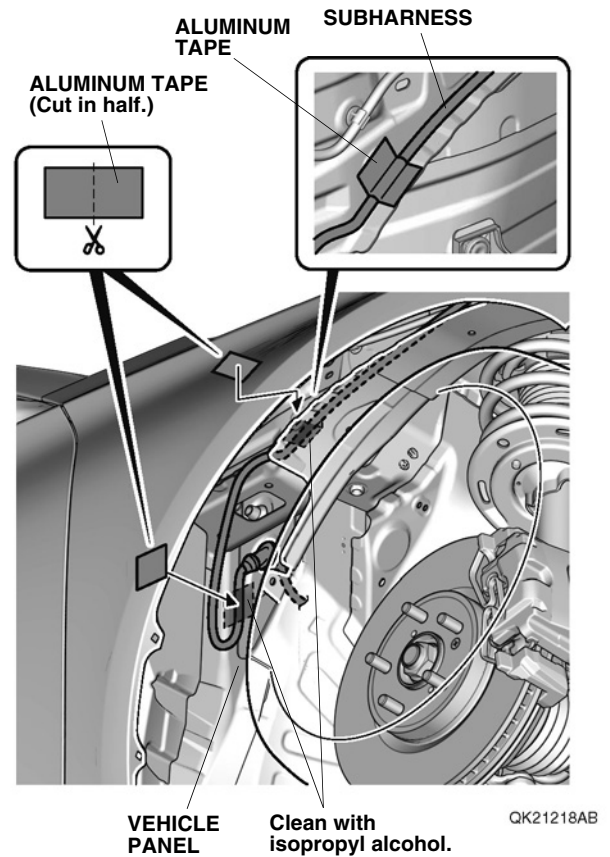


49. Secure the grommet on the subharness to the vehicle panel hole.

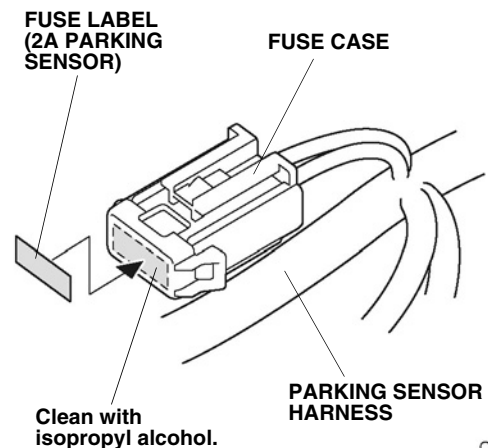
NOTE:

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

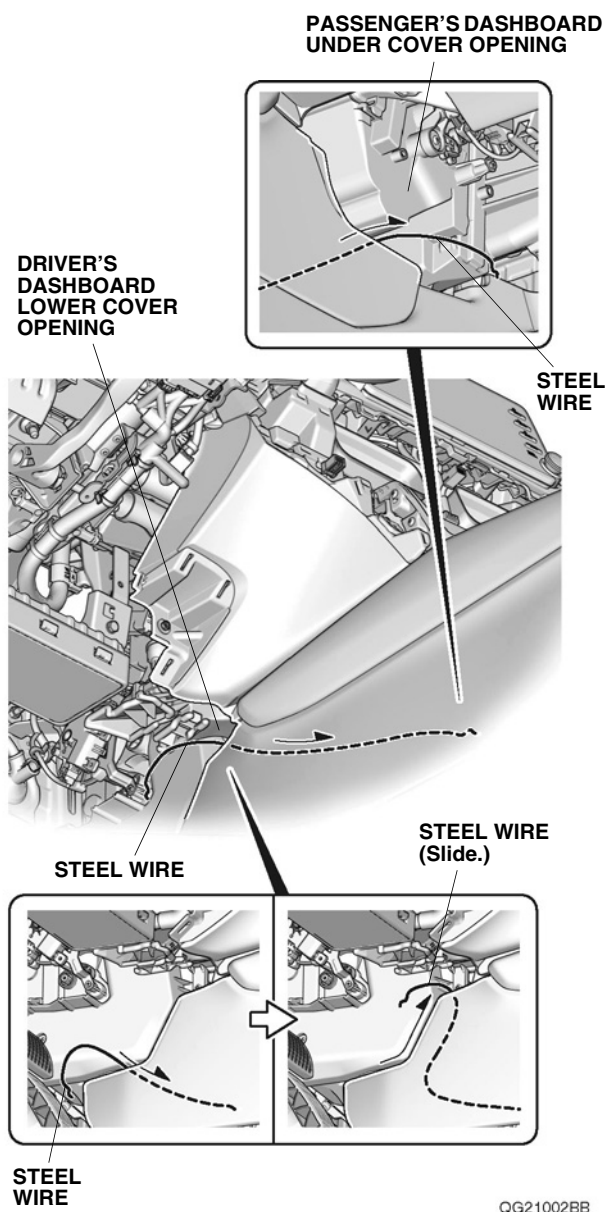
50. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle panel where the aluminum tape will attach.



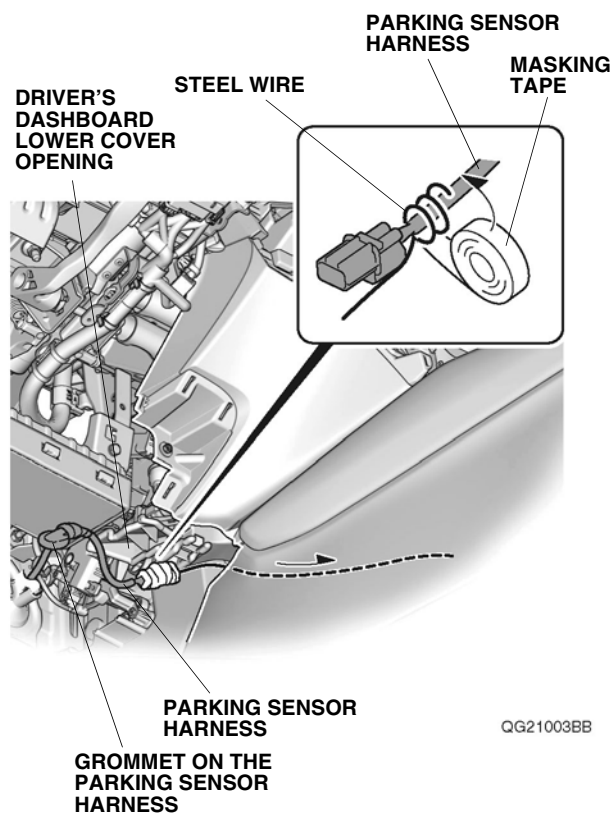
51. Using scissors, cut one piece of aluminum tape in half, and secure the subharness to the vehicle panel with the two pieces of aluminum tape as shown.
52. Using isopropyl alcohol on a shop towel, thoroughly clean the fuse case where the fuse label will attach. Attach the fuse label (2A PARKING SENSOR) to the fuse case on the parking sensor harness.



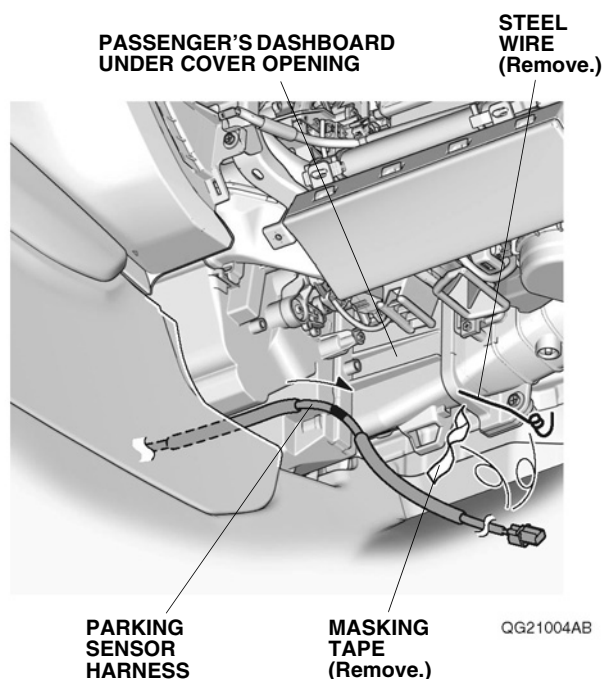
53. Route a piece of steel wire, and slide it up as shown.



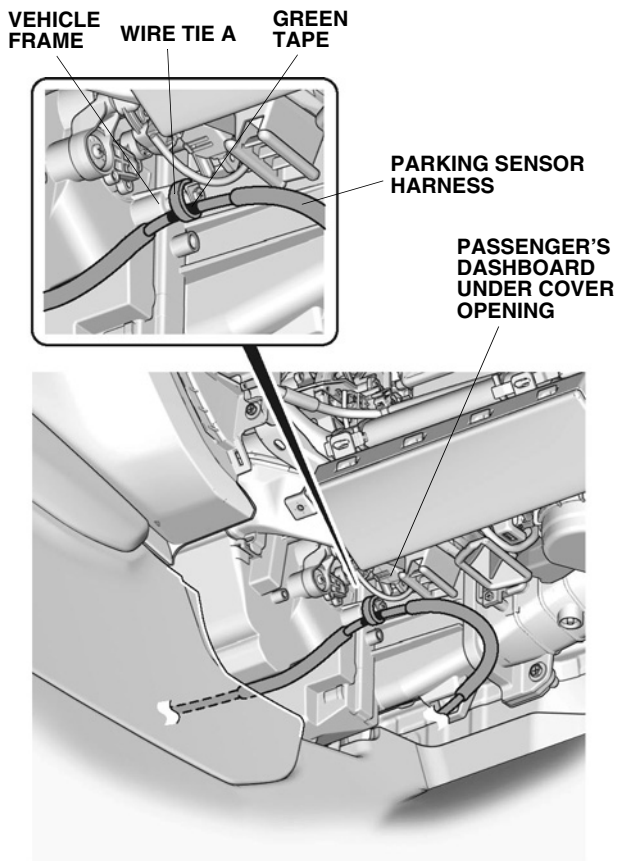
54. Attach the steel wire to the parking sensor harness with masking tape as shown.



55. Route the parking sensor harness. Remove the masking tape and steel wire.



56. Secure the parking sensor harness to the vehicle frame at the green tape on the parking sensor harness with one wire tie A as shown.

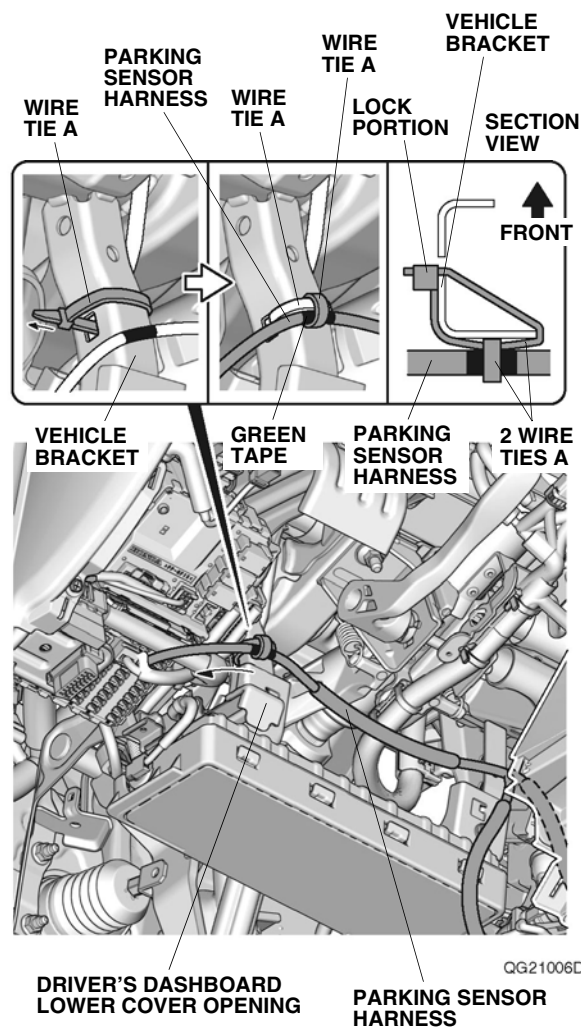


QG21005AB

If the vehicle is equipped with another accessory harness, go to step 59; otherwise, continue with step 57.

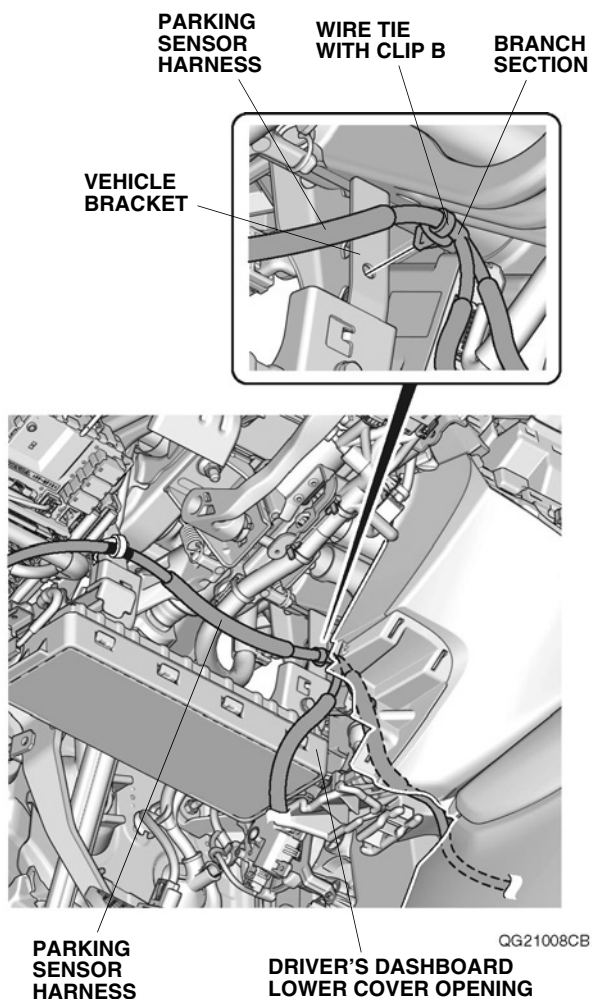
Without another accessory harness

57. Route the parking sensor harness. Secure one wire tie A to the vehicle bracket, then secure the parking sensor harness to the wire tie A at the green tape on the parking sensor harness with the other wire tie A as shown.



QG21006DB

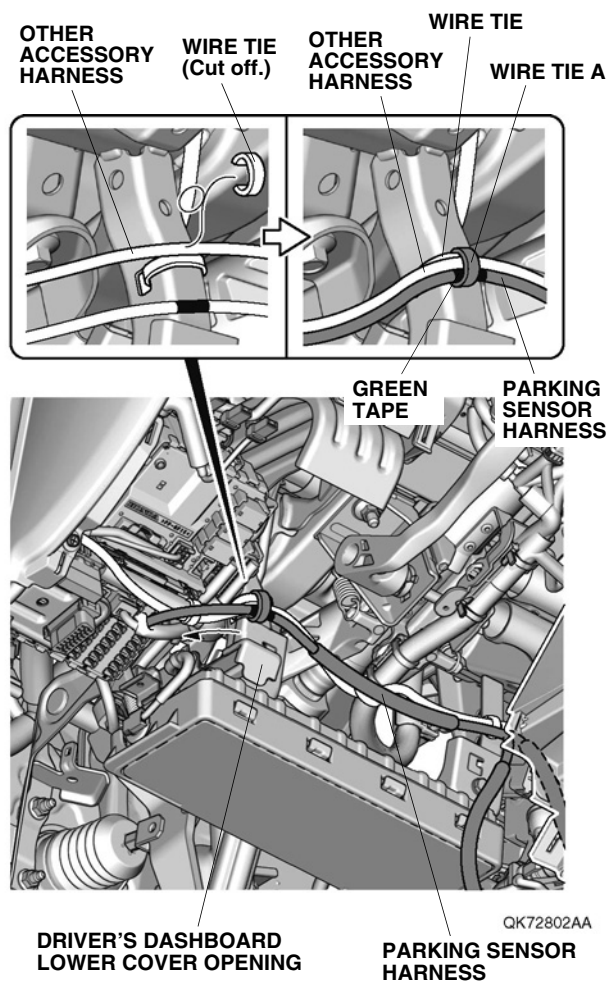
58. Attach one wire tie with clip B to the branch section of the parking sensor harness as shown. Secure the parking sensor harness to the vehicle bracket with one wire tie with clip B. Go to step 61.



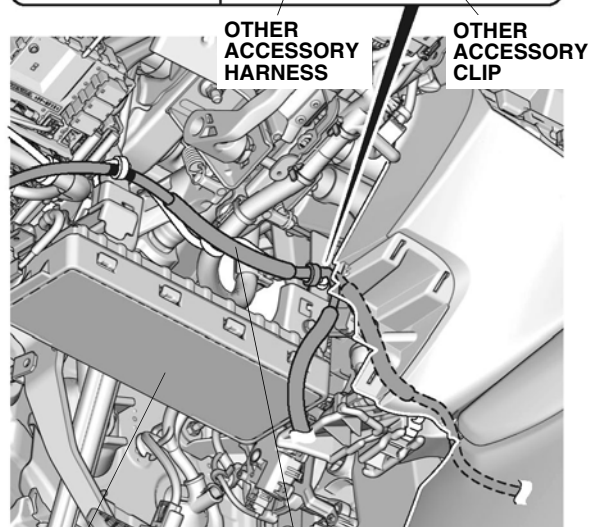
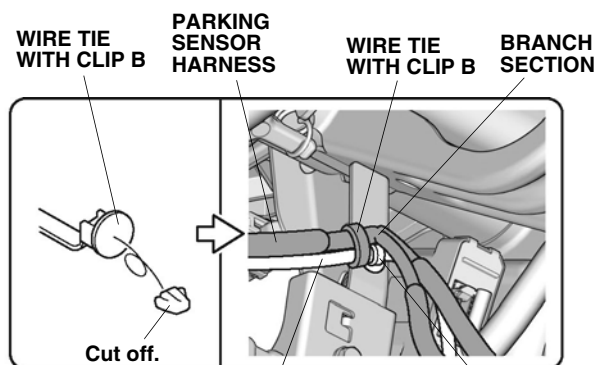
With another accessory harness

59. Route the parking sensor harness. Cut off the wire tie from the other accessory harness. Secure the parking sensor harness and other accessory harness to the wire tie on the vehicle bracket with one wire tie A as shown.

NOTE: Be careful not to damage the other accessory harness.



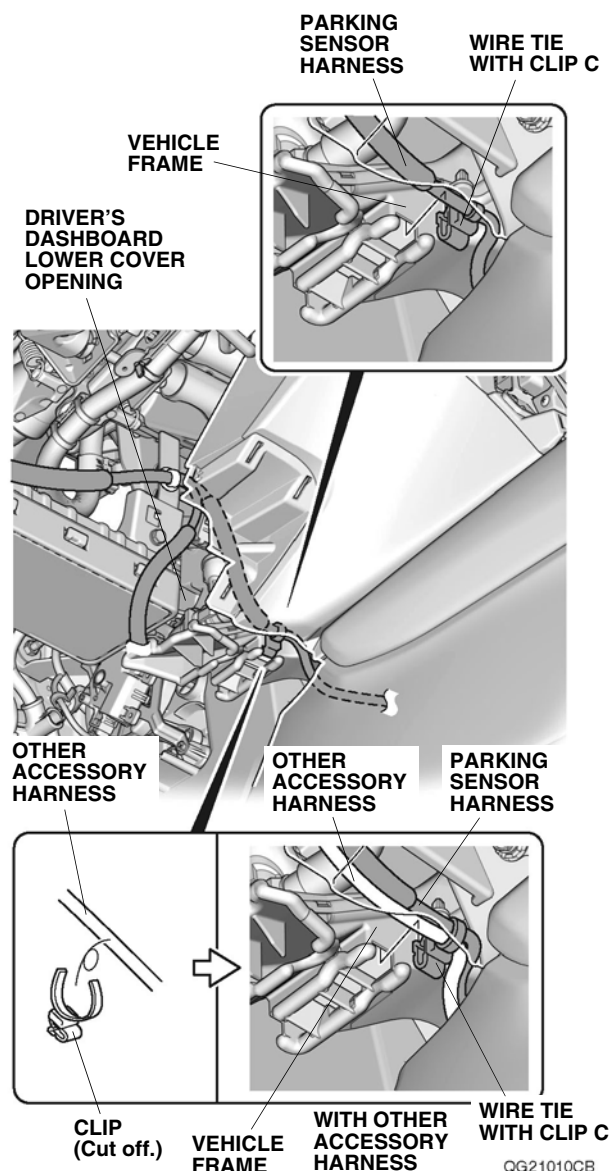
60. Using diagonal cutters, cut off the clip portion of one wire tie with clip B. Line up the branch section of the parking sensor harness with the other accessory clip, and secure the parking sensor harness to the other accessory harness with one wire tie with clip B as shown.



QG21009DB

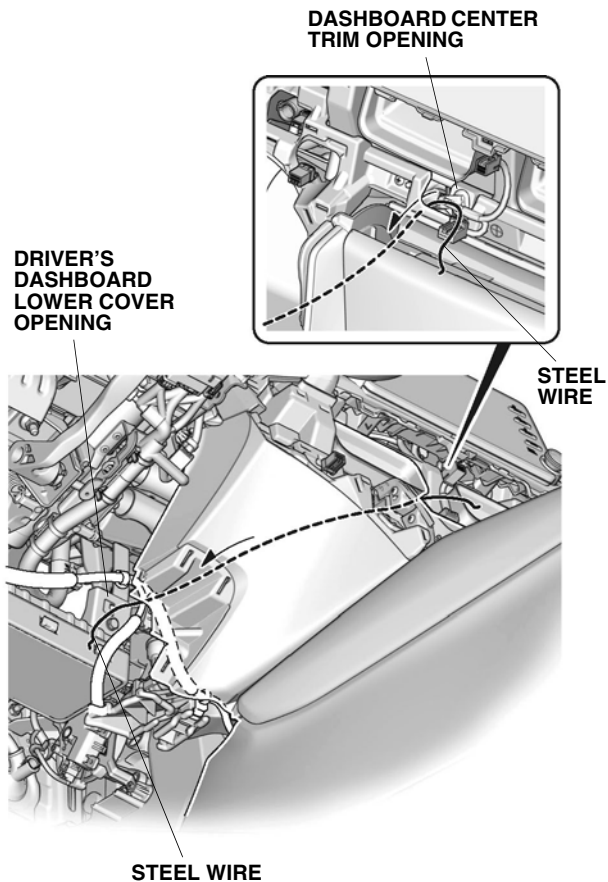
61. Secure the parking sensor harness to the vehicle frame with one wire tie with clip C as shown. If the vehicle is already equipped with another accessory harness, cut off the clip from that harness. Secure the parking sensor harness and other accessory harness to the vehicle frame with one wire tie with clip C.

NOTE: Be careful not to damage the other accessory harness.

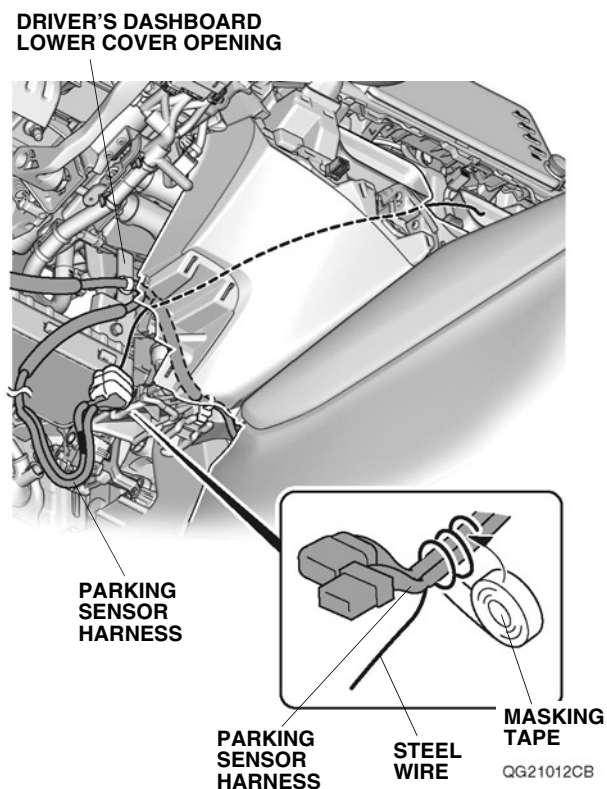


QG21010CB

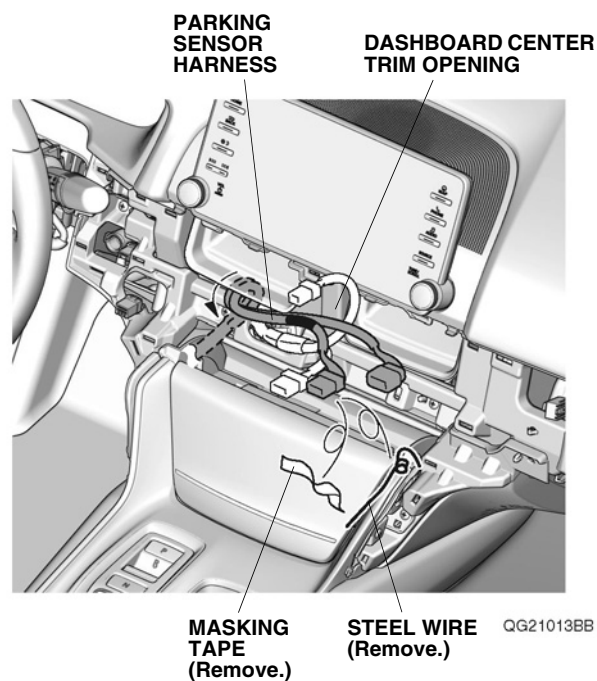
62. Route a piece of steel wire as shown.



63. Attach the steel wire to the parking sensor harness with masking tape as shown.



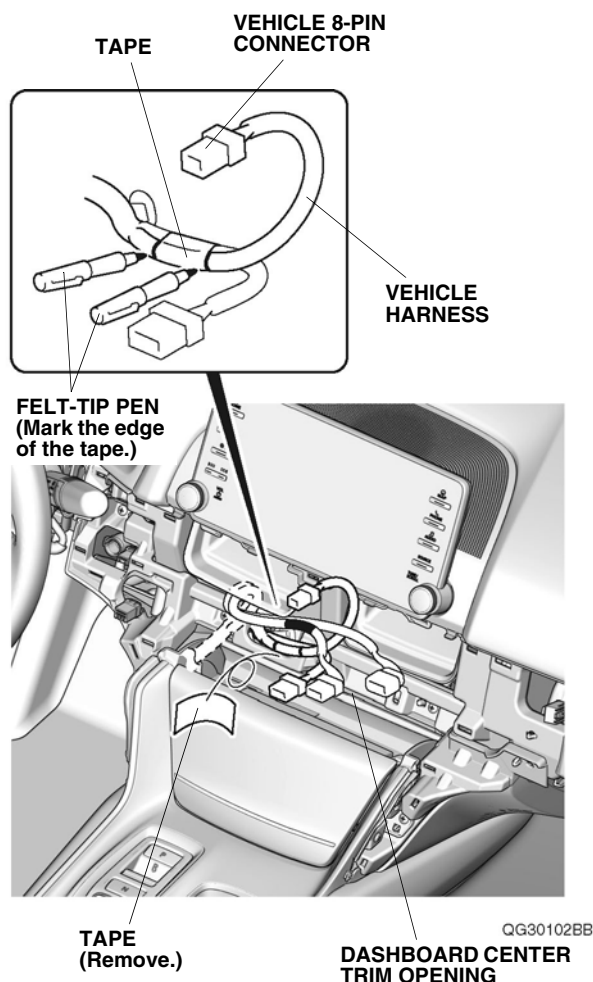
64. Route the parking sensor harness as shown. Remove the masking tape and steel wire.



If the vehicle is equipped with accessory ambient lights, go to step 72; otherwise, continue with step 65.

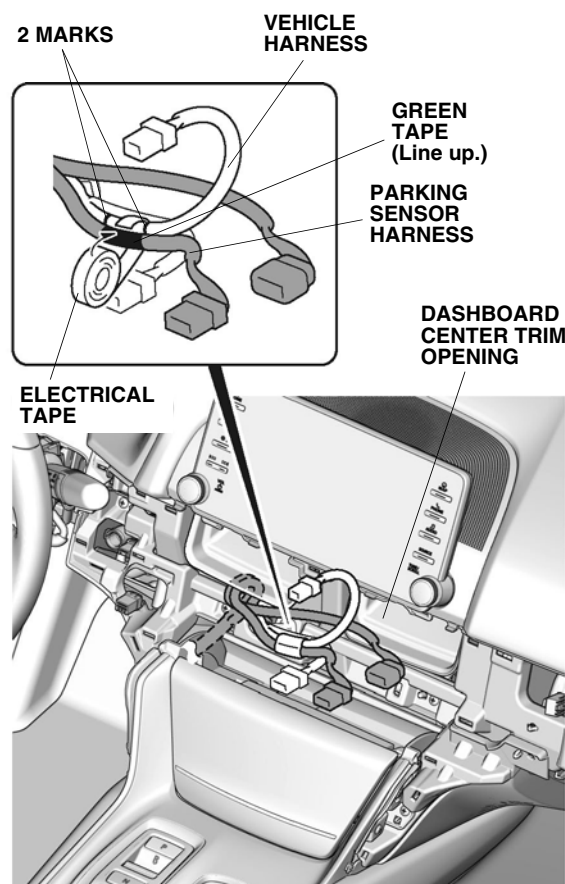
Without accessory ambient lights

65. Using a felt-tip pen, mark the vehicle harness as shown.



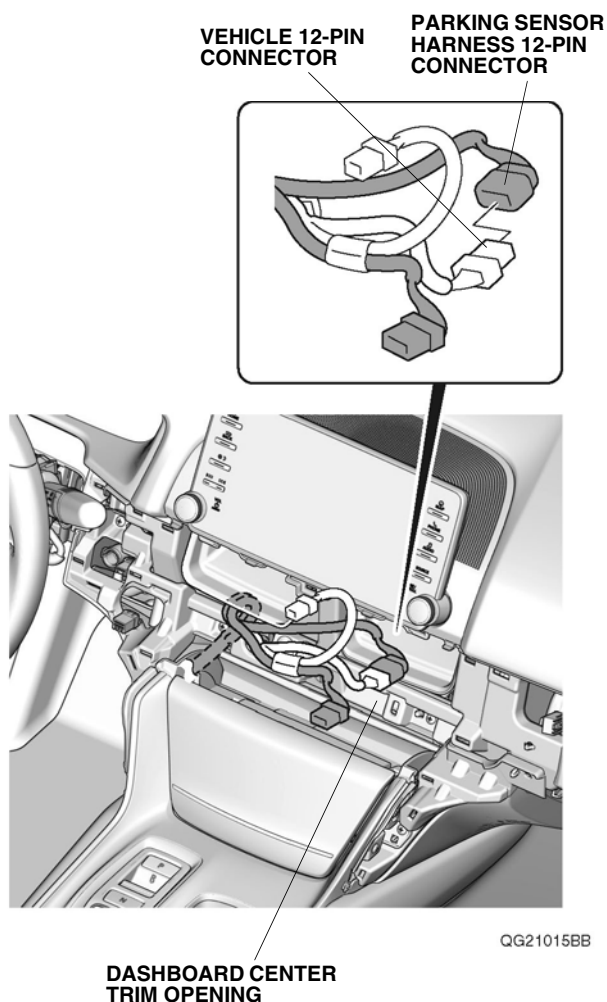
66. Remove the tape to free the vehicle harness.

67. Line up the green tape on the parking sensor harness with the two marks on the vehicle harness, and secure the parking sensor harness and vehicle harness with electrical tape as shown.

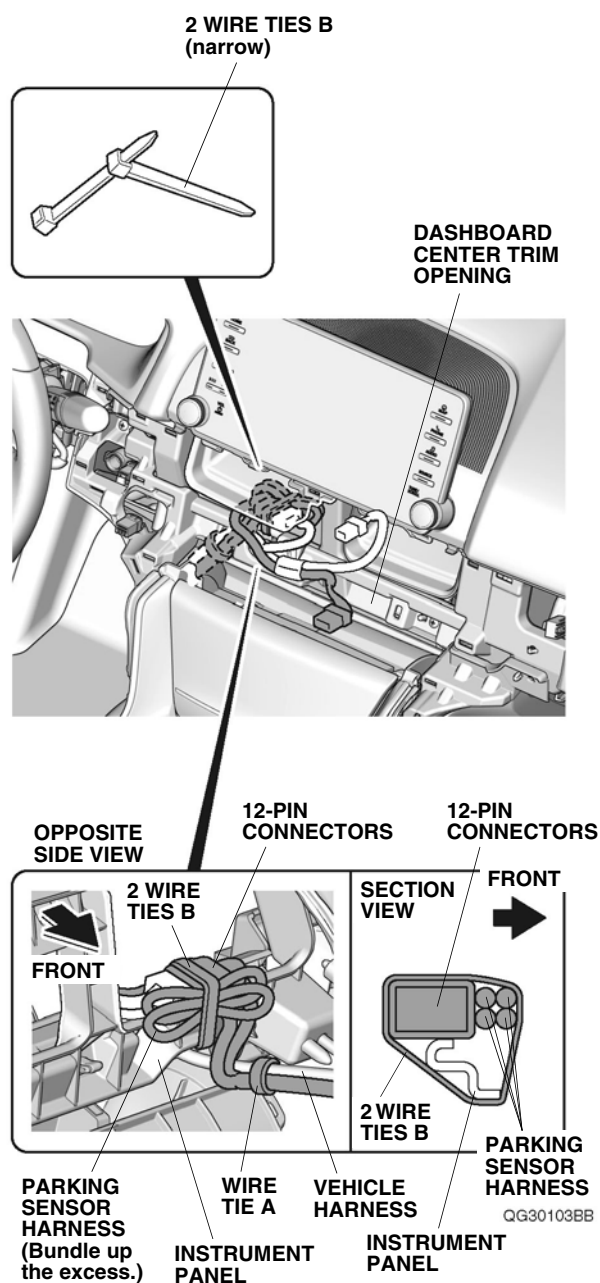


QG21014BB

68. Plug the vehicle 12-pin connector into the parking sensor harness 12-pin connector.



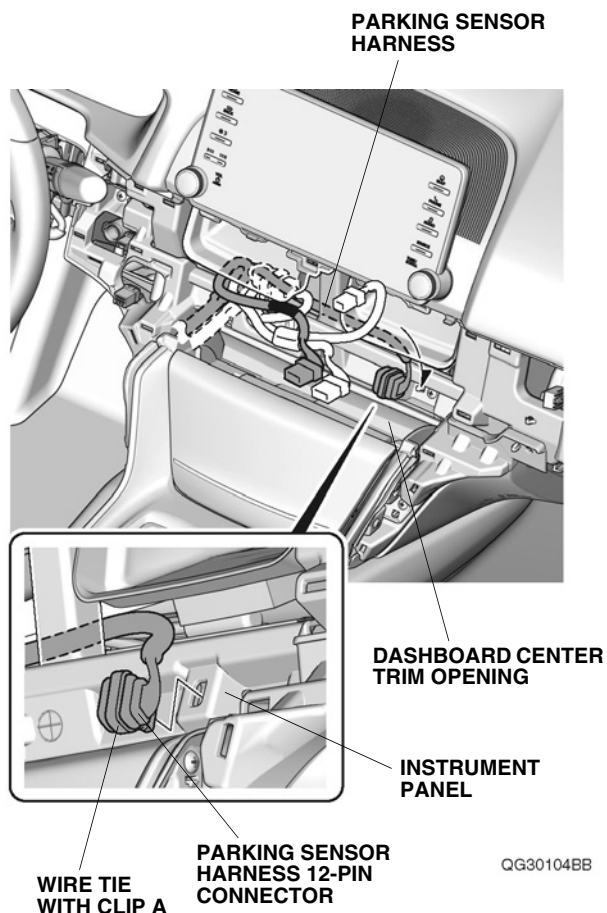
69. Secure the parking sensor harness to the vehicle harness with one wire tie A.



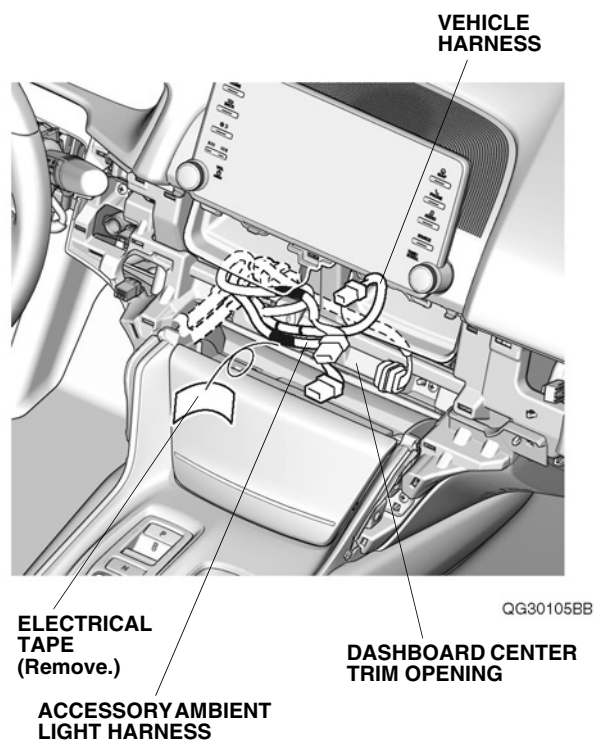
70. Connect the two wire ties B (narrow) together.
71. Bundle up the excess parking sensor harness. Secure the 12-pin connectors and parking sensor harness to the instrument panel with two wire ties B as shown. Go to step 79.

With accessory ambient lights

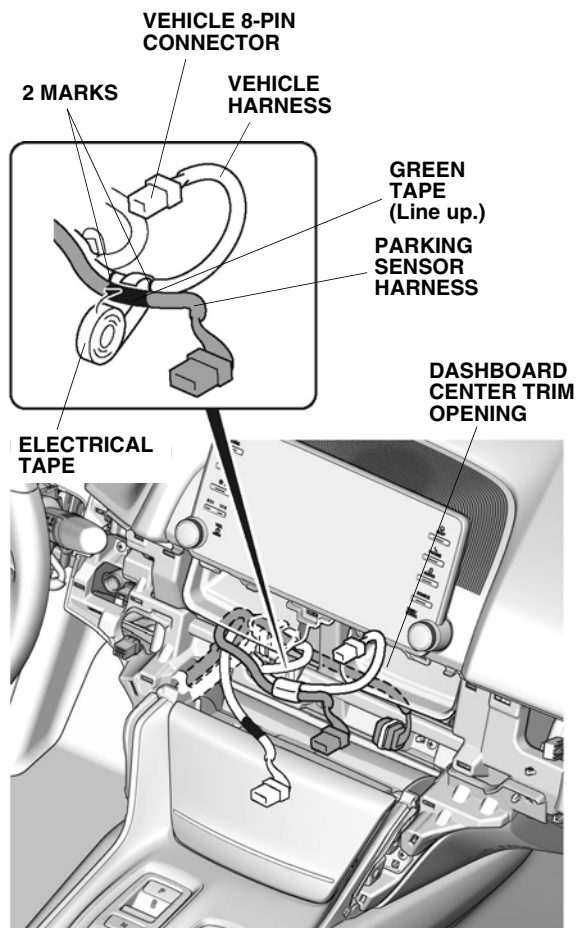
72. Route the parking sensor harness, and secure the parking sensor harness 12-pin connector to the instrument panel with one wire tie with clip A.



73. Remove the electrical tape from the accessory ambient light harness and vehicle harness.

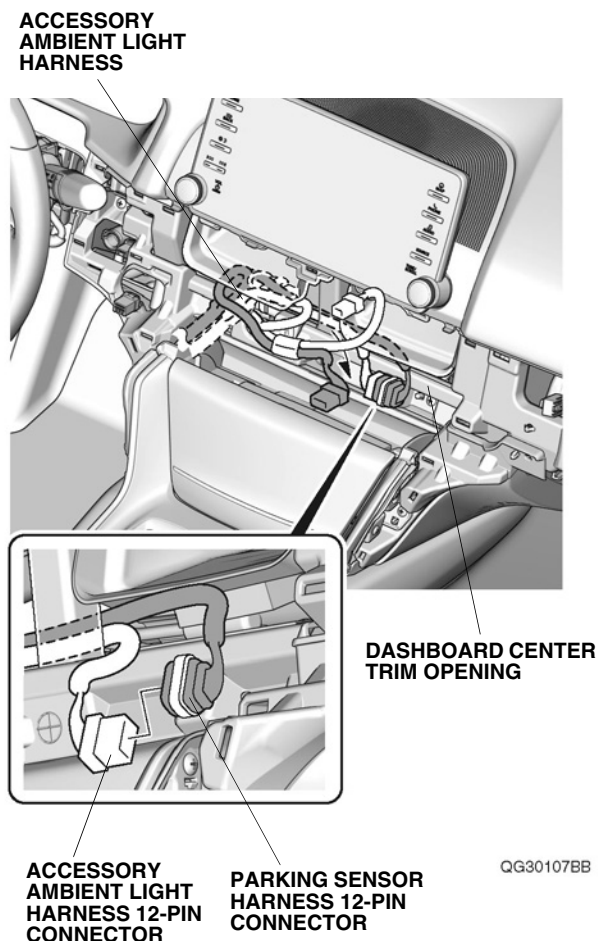


74. Line up the green tape on the parking sensor harness with the two marks on the vehicle harness, and secure the parking sensor harness and vehicle harness with electrical tape as shown.



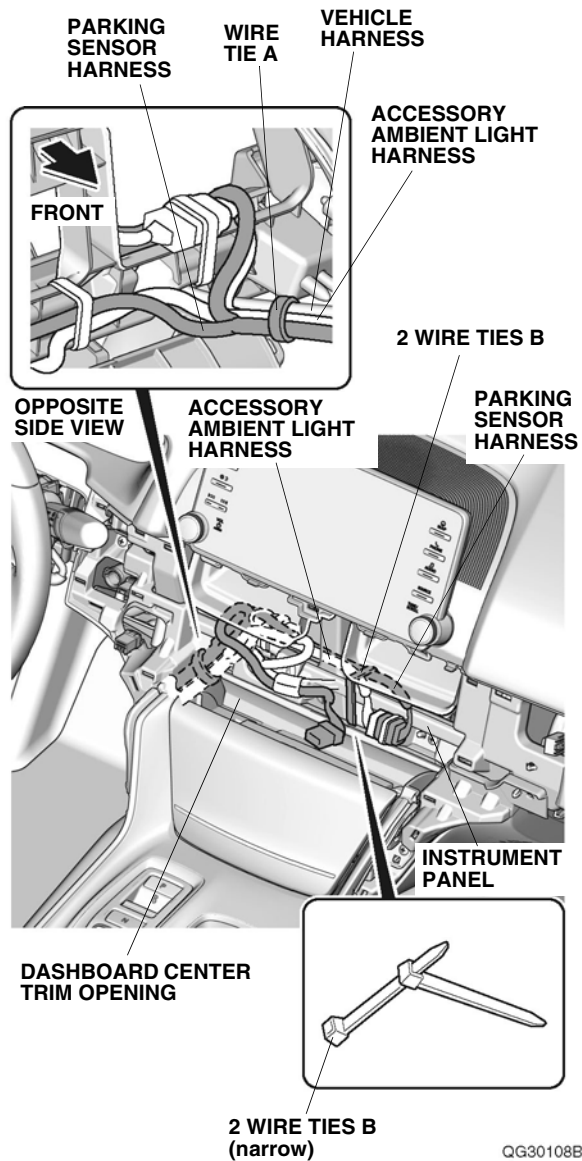
QG30106BB

75. Route the accessory ambient light harness, and plug the accessory ambient light harness 12-pin connector into the parking sensor harness 12-pin connector.



QG30107BB

76. Secure the parking sensor harness to the vehicle harness and accessory ambient light harness with one wire tie A.

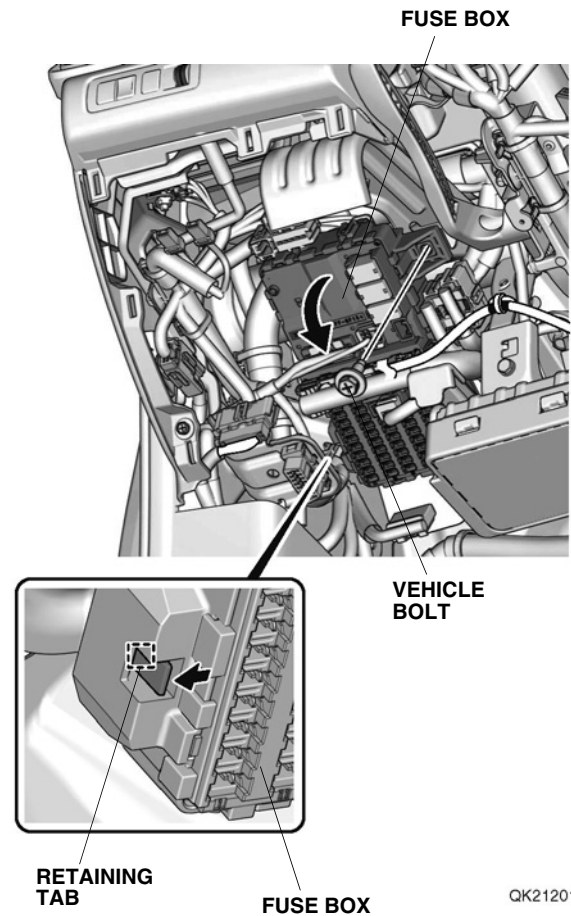


77. Connect the two wire ties B (narrow) together.
78. Secure the parking sensor harness and accessory ambient light harness to the instrument panel with two wire ties B as shown.

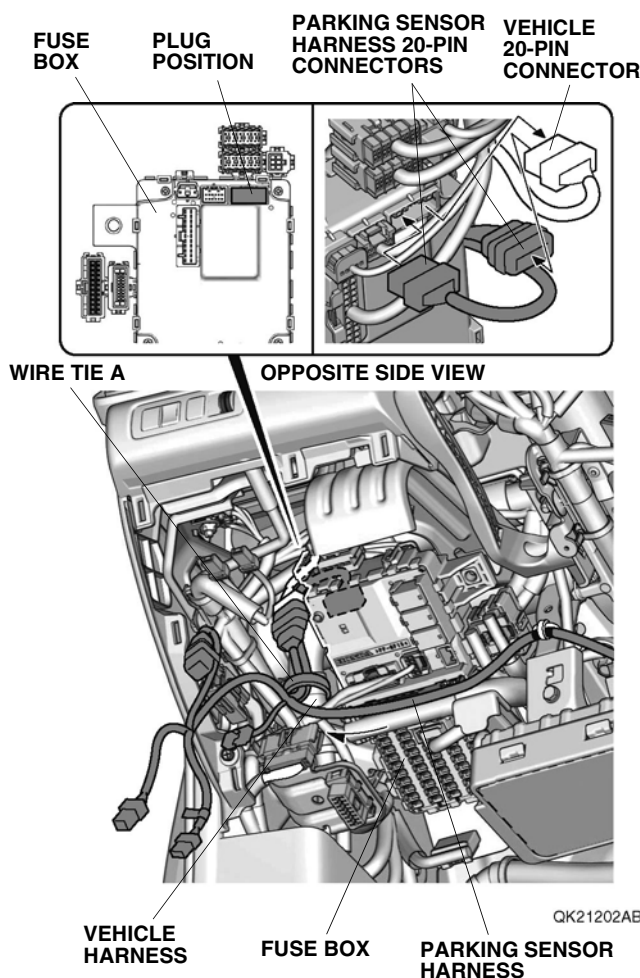
If the vehicle is equipped with idling stop system, go to step 82; otherwise, continue with step 79.

Without idling stop system

79. Release the fuse box.



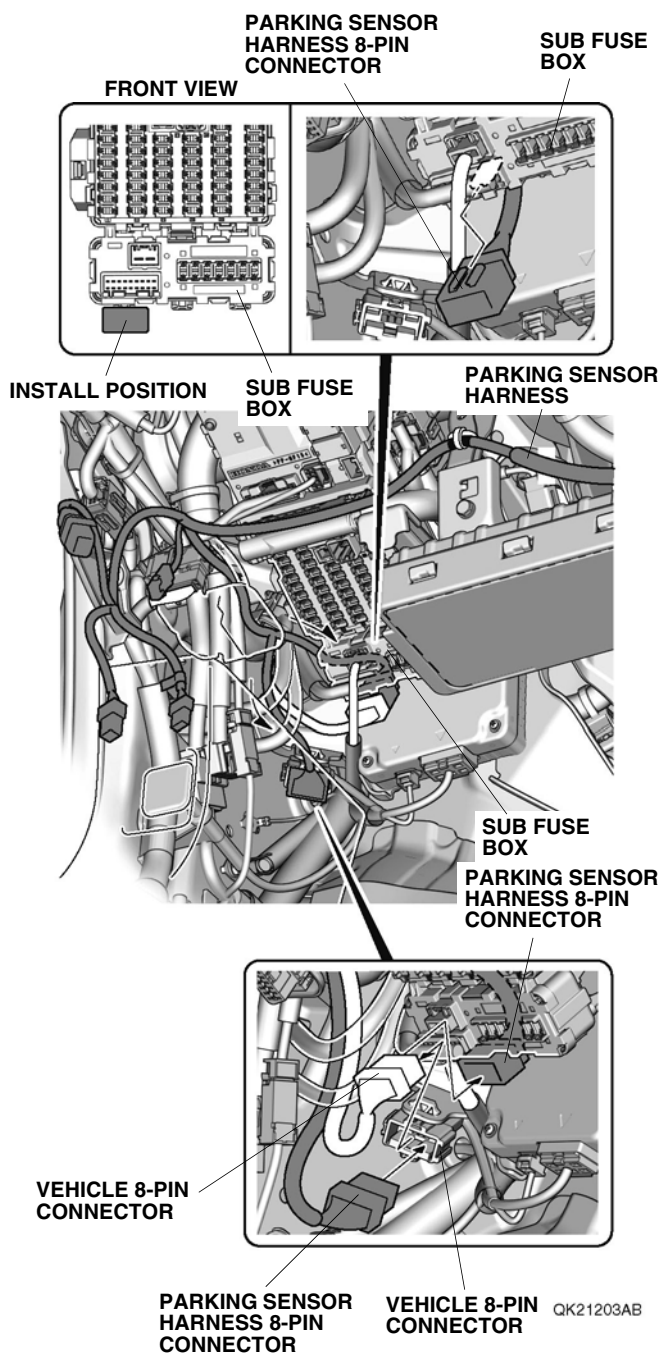
80. Route the parking sensor harness. Unplug the vehicle 20-pin connector, and plug the parking sensor harness 20-pin connector into the fuse box. Plug the vehicle 20-pin connector into the parking sensor harness 20-pin connector.



81. Secure the parking sensor harness to the vehicle harness with one wire tie A. Go to step 85.

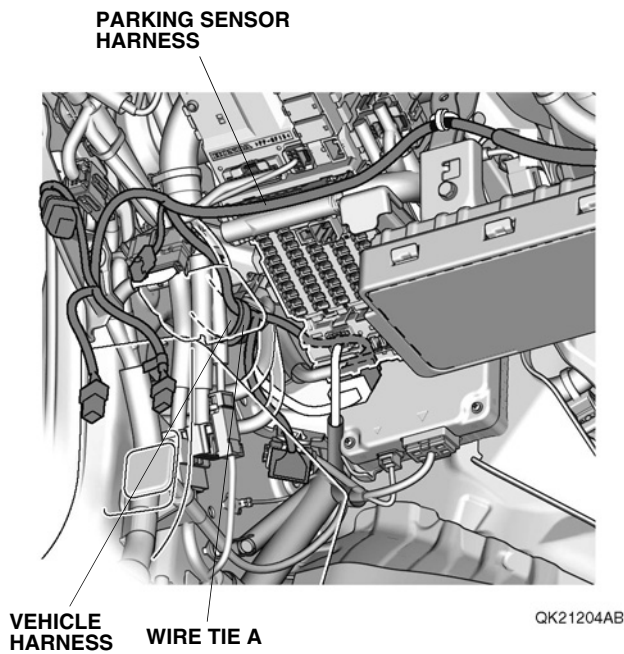
With idling stop system

82. Route the parking sensor harness. Secure the parking sensor harness 8-pin connector to the sub fuse box as shown.

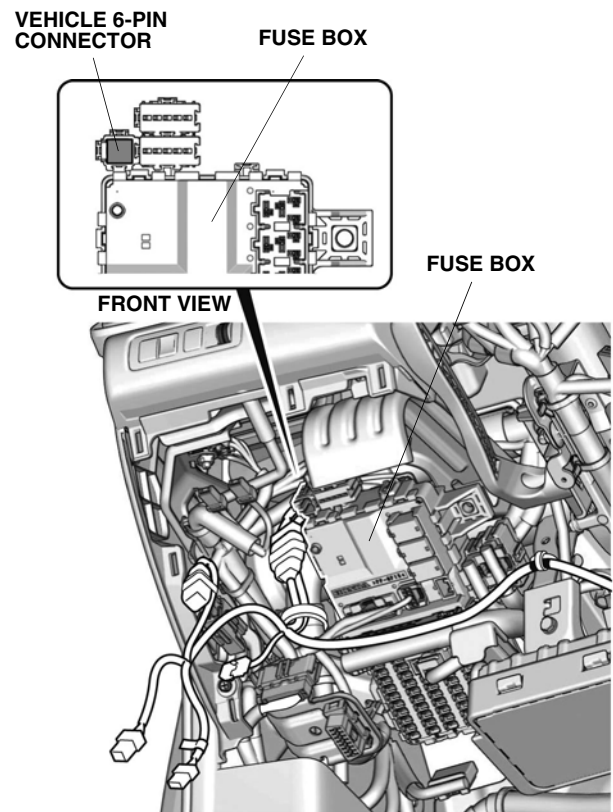


83. Unplug the vehicle 8-pin connector, and plug the parking sensor harness 8-pin connector into the vehicle 8-pin connector. Plug the vehicle 8-pin connector into the parking sensor harness 8-pin connector.

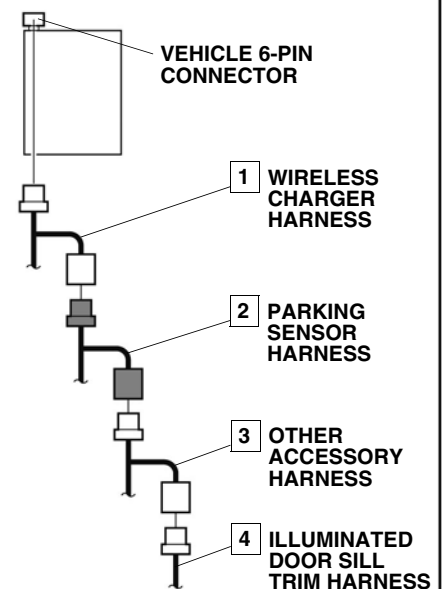
84. Secure the parking sensor harness to the vehicle harness with one wire tie A.



85. If the vehicle is equipped with another accessory harness, follow the plug-in order shown below.



WITH OTHER ACCESSORY HARNESS
If the dummy connector is plugged, unplug it.

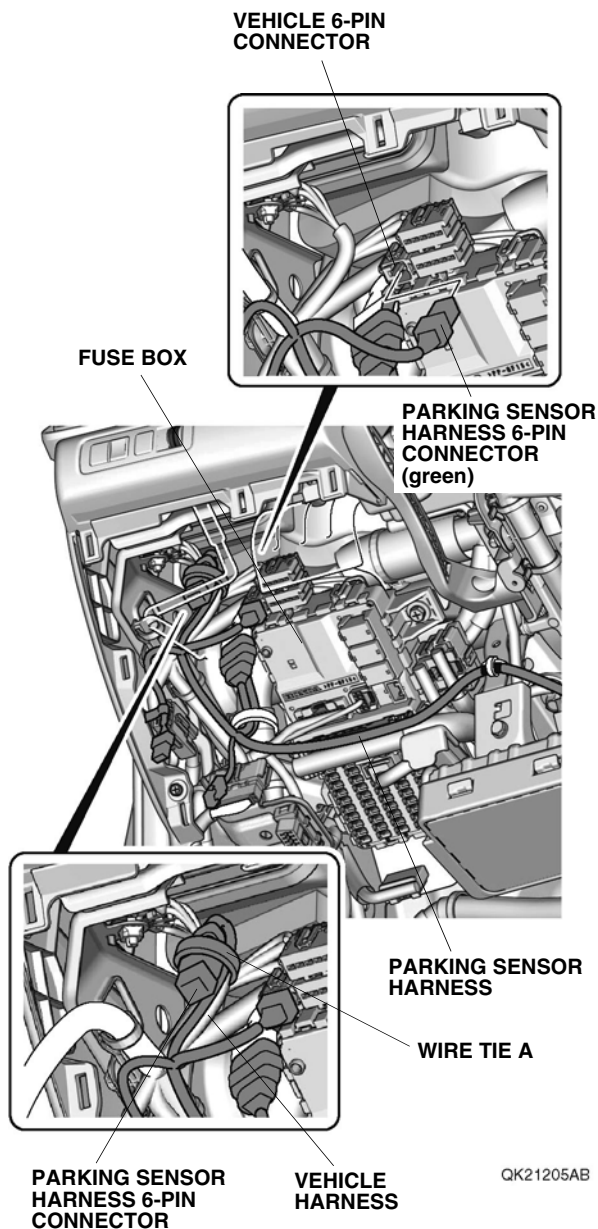


QK31904AB

If the vehicle is equipped with accessory wireless charger, go to step 88; if the vehicle is equipped with accessory wireless charger and another accessory, go to step 90; if the vehicle is equipped with another accessory, go to step 93; otherwise, continue with step 86.

Without another accessory

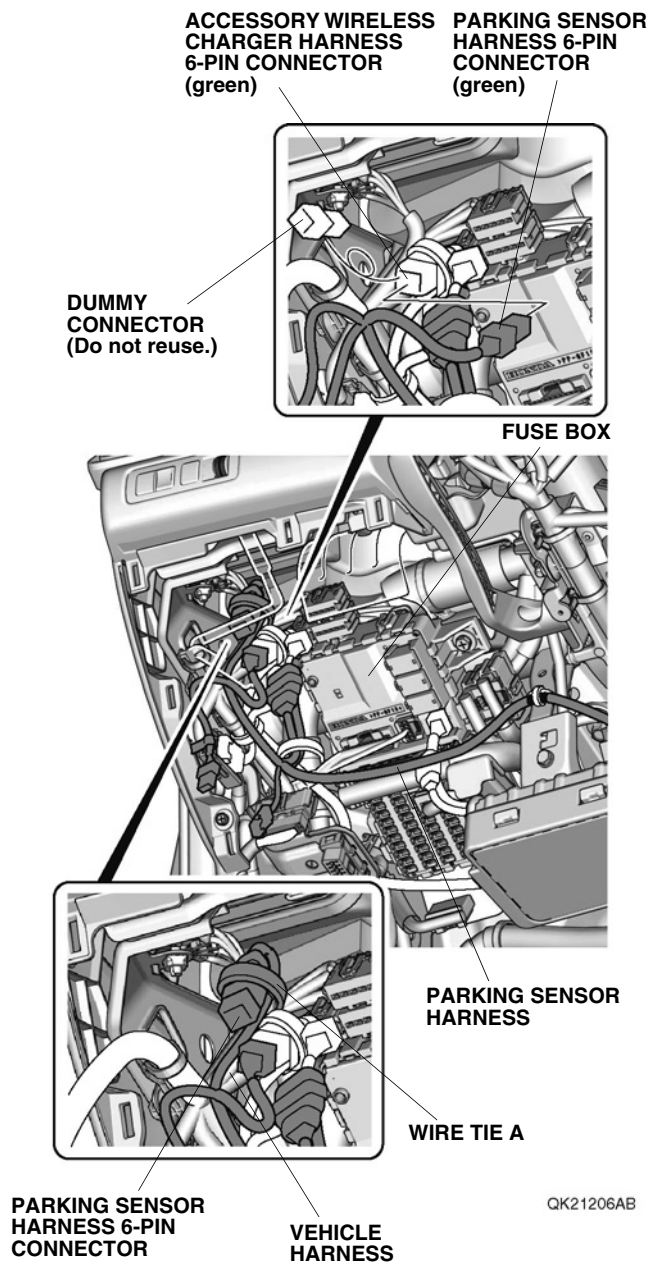
86. Plug the parking sensor harness 6-pin connector (green) into the vehicle 6-pin connector.



87. Secure the parking sensor harness 6-pin connector to the vehicle harness with one wire tie A. Go to step 96.

With accessory wireless charger

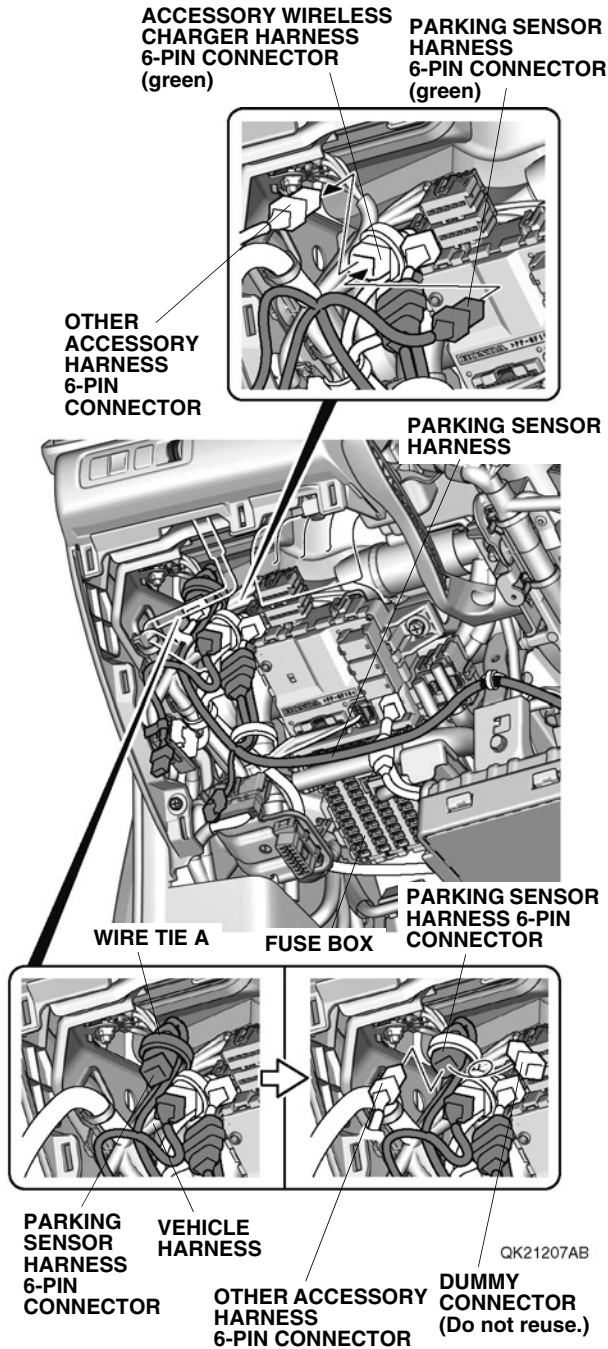
88. Remove the dummy connector from the accessory wireless charger harness 6-pin connector (green), and plug the parking sensor harness 6-pin connector (green) into it.



89. Secure the parking sensor harness 6-pin connector to the vehicle harness with one wire tie A. Go to step 96.

With accessory wireless charger and another accessory

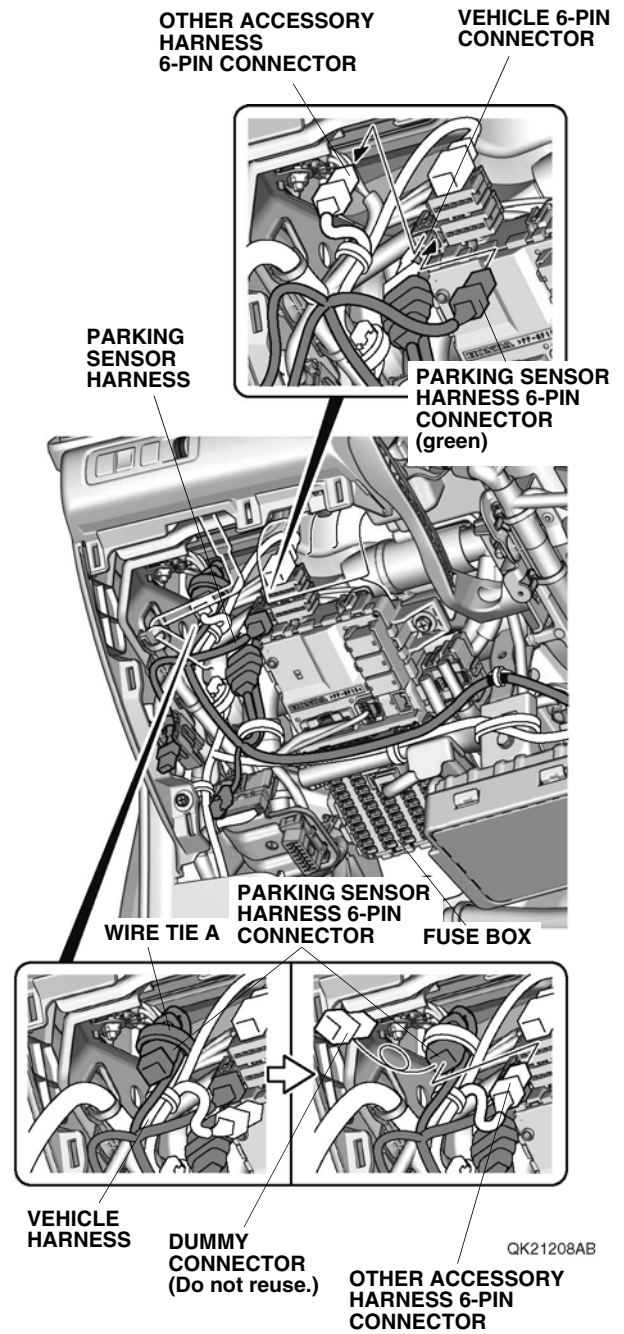
90. Unplug the other accessory harness 6-pin connector, and plug the parking sensor harness 6-pin connector (green) into the accessory wireless charger harness 6-pin connector (green).



91. Secure the parking sensor harness 6-pin connector to the vehicle harness with one wire tie A.
92. Remove the dummy connector from the parking sensor harness 6-pin connector, and plug the other accessory harness 6-pin connector into it. Go to step 96.

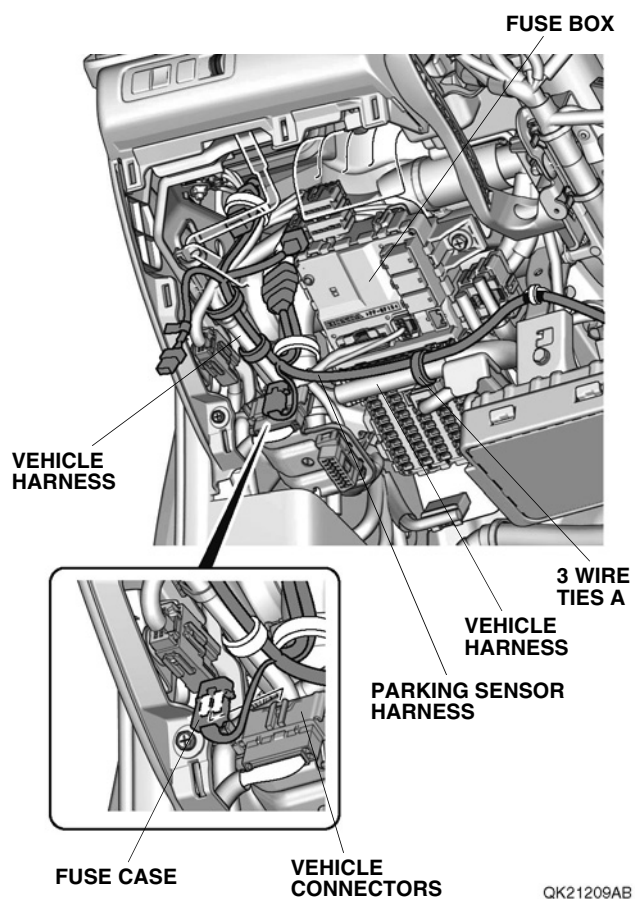
With another accessory

93. Unplug the other accessory harness 6-pin connector, and plug the parking sensor harness 6-pin connector (green) into the vehicle 6-pin connector.



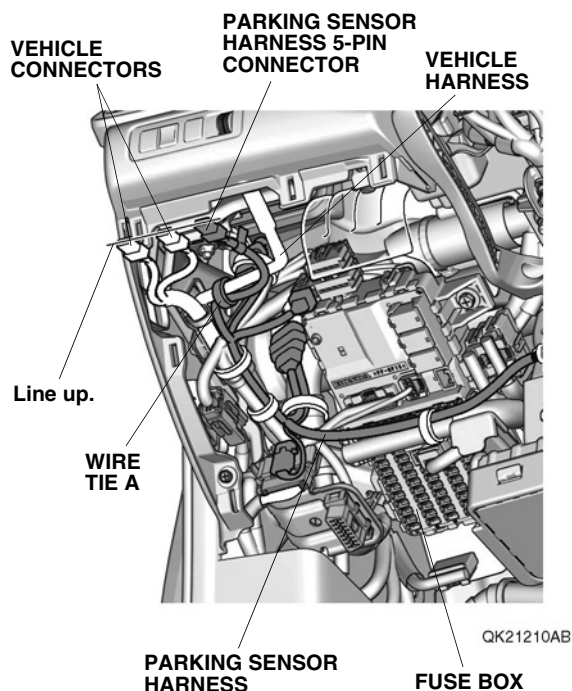
94. Secure the parking sensor harness 6-pin connector to the vehicle harness with one wire tie A.
95. Remove the dummy connector from the parking sensor harness 6-pin connector, and plug the other accessory harness 6-pin connector into it.

96. Secure the parking sensor harness to the vehicle harness with three wire ties A.

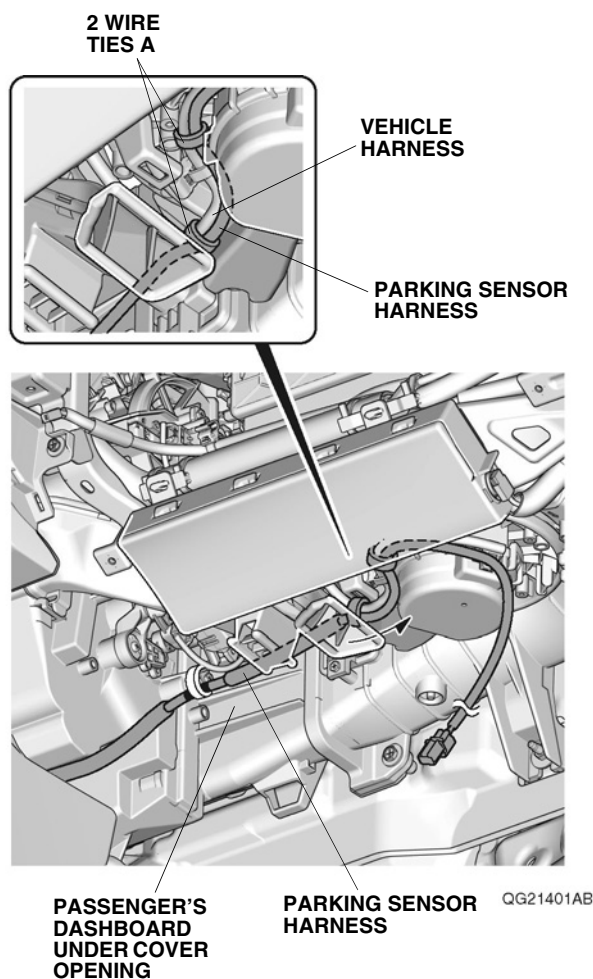


97. Secure the fuse case on the parking sensor harness to the vehicle connectors.

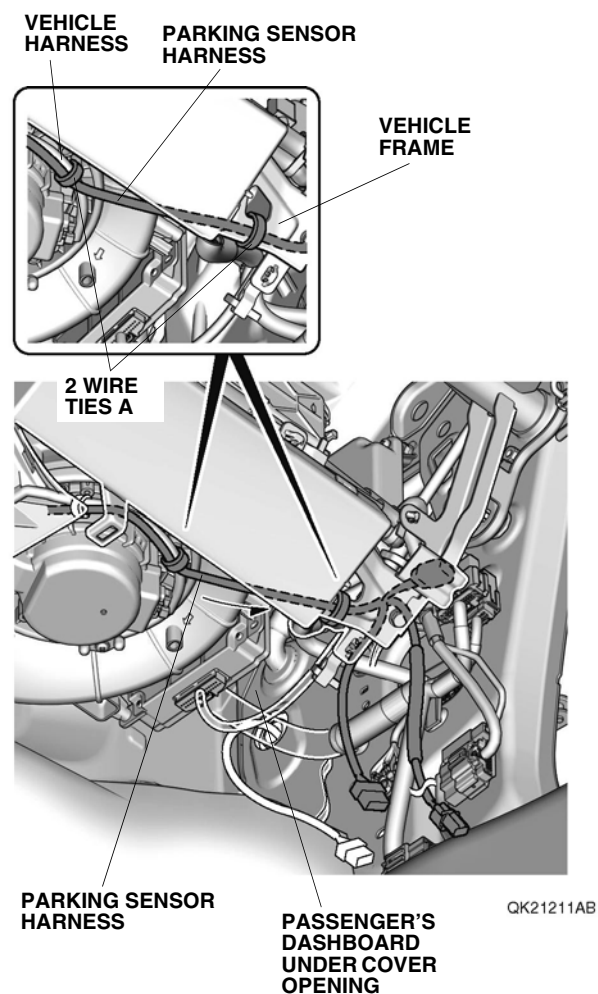
98. Line up the parking sensor harness 5-pin connector with the vehicle connectors. Secure the parking sensor harness to the vehicle harness with one wire tie A.



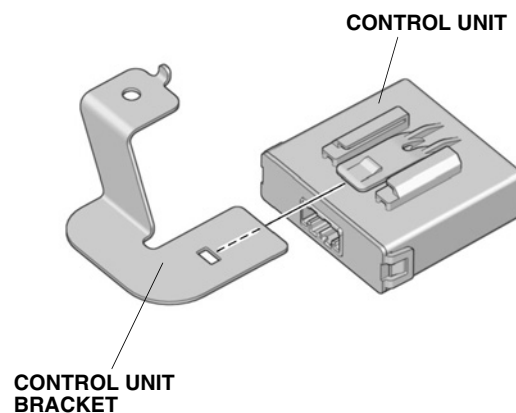
99. Route the parking sensor harness, and secure it to the vehicle harness with two wire ties A.



100. Route the parking sensor harness, and secure it to the vehicle harness and vehicle frame with two wire ties A.

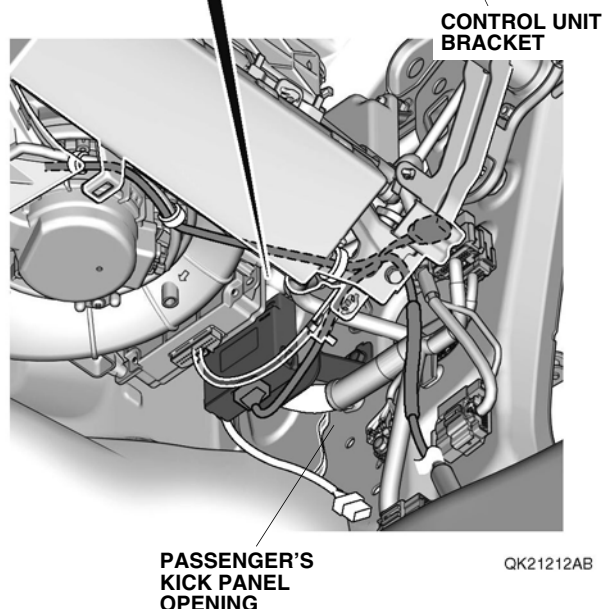
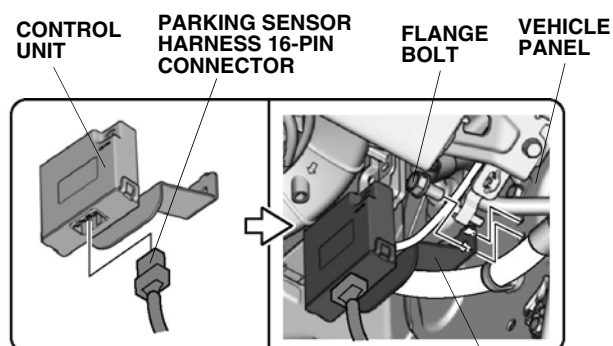


101. Install the control unit bracket to the control unit.



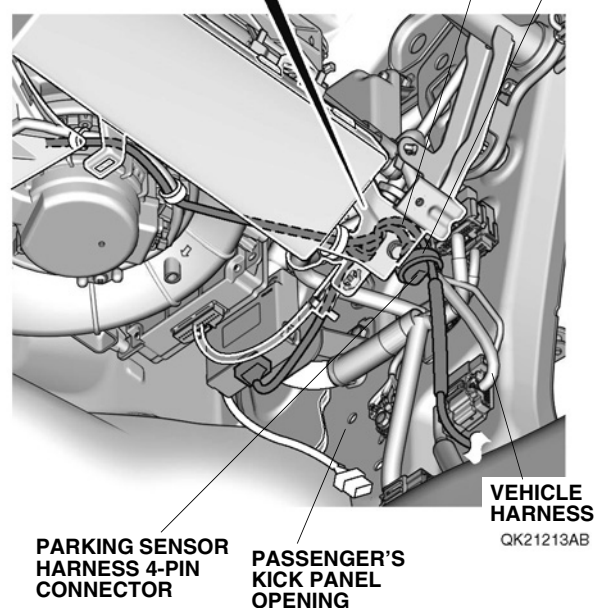
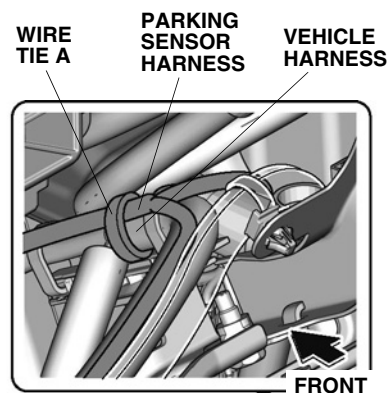
QG21403BB

102. Plug the parking sensor harness 16-pin connector into the control unit.

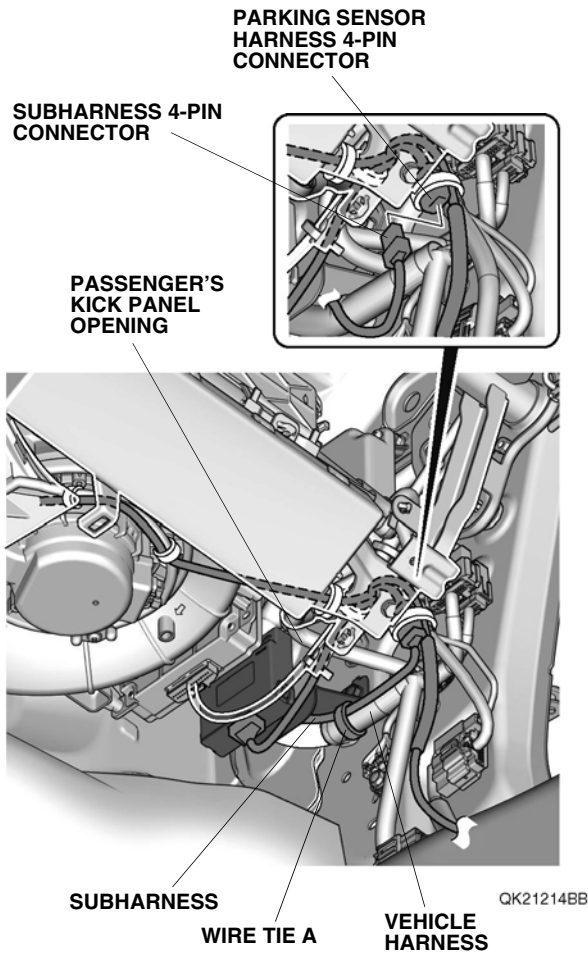


103. Install the control unit to the vehicle panel with one flange bolt.

104. Secure the parking sensor harness and parking sensor harness 4-pin connector to the vehicle harness with two wire ties A.

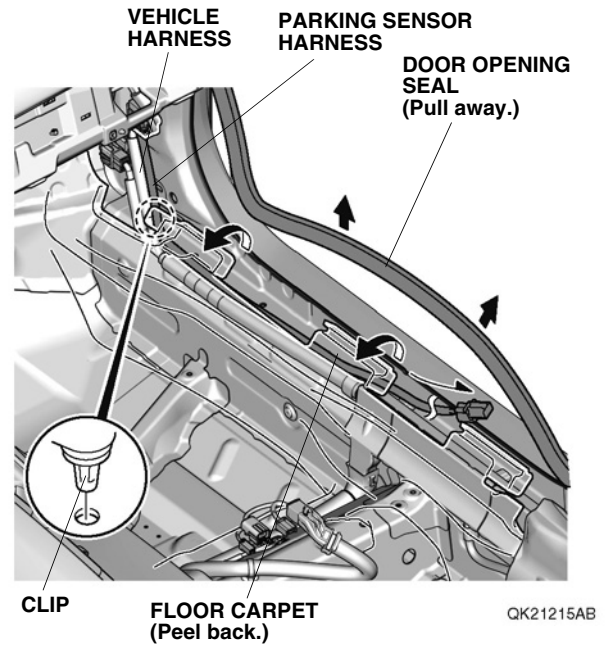


105. Plug the subharness 4-pin connector into the parking sensor harness 4-pin connector.



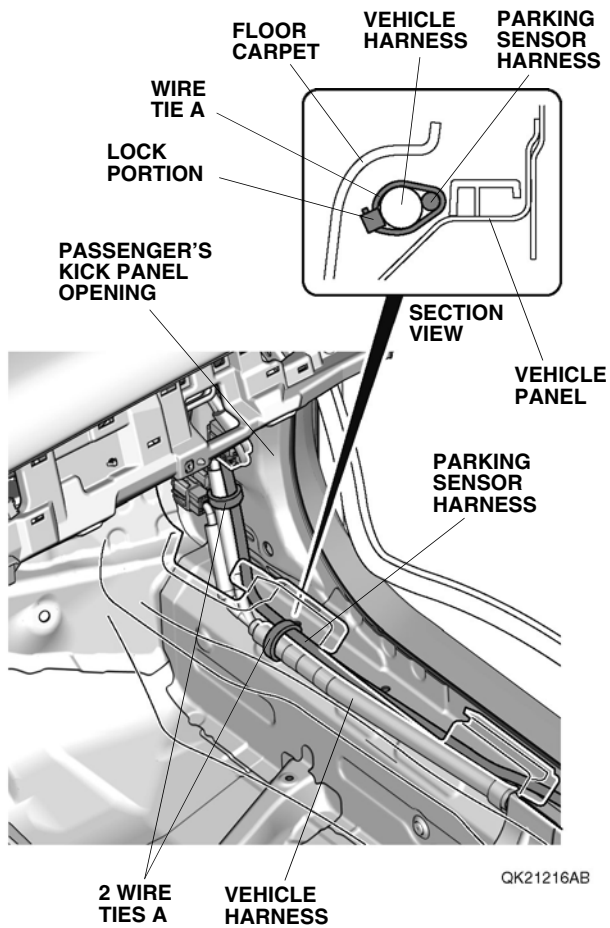
106. Secure the subharness to the vehicle harness with one wire tie A.

107. Pull away the door opening seal, and peel back the floor carpet.

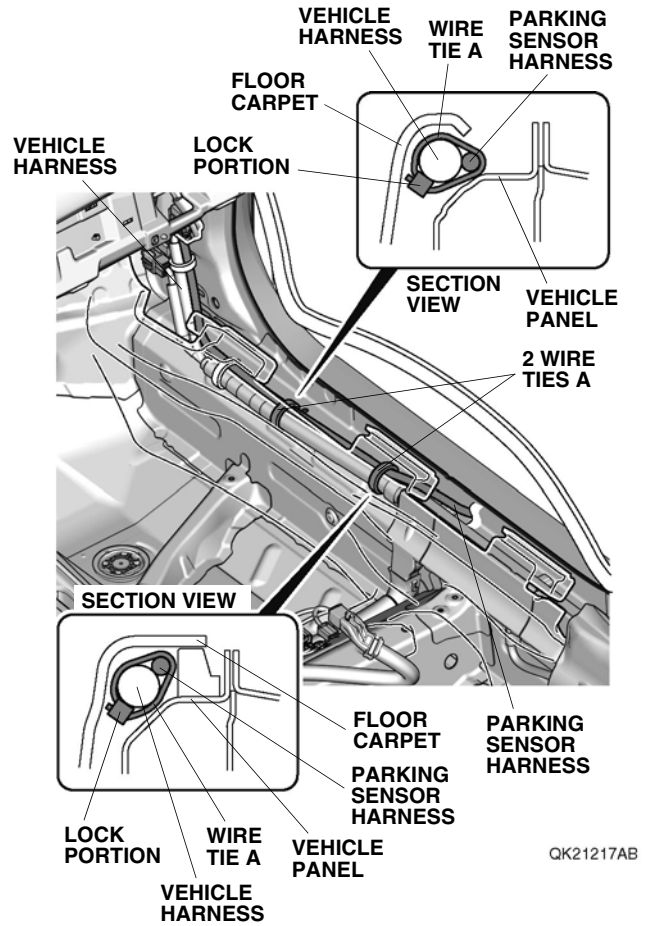


108. Route the parking sensor harness along the vehicle harness.

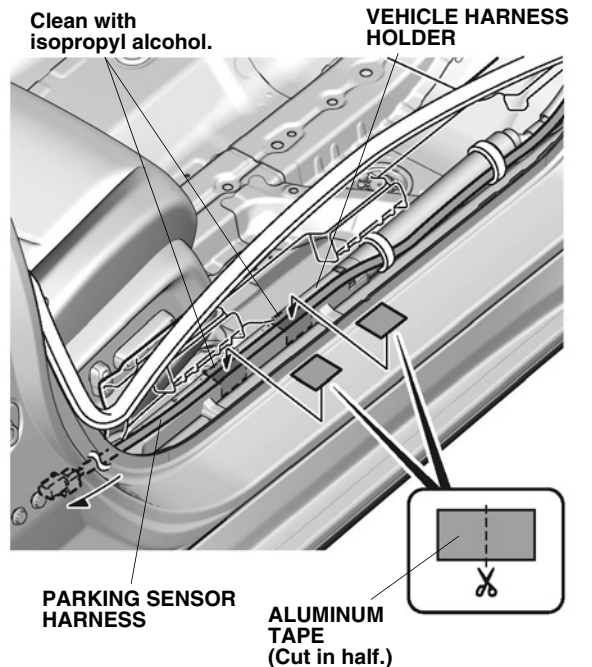
109. Secure the parking sensor harness to the vehicle harness with two wire ties A as shown.



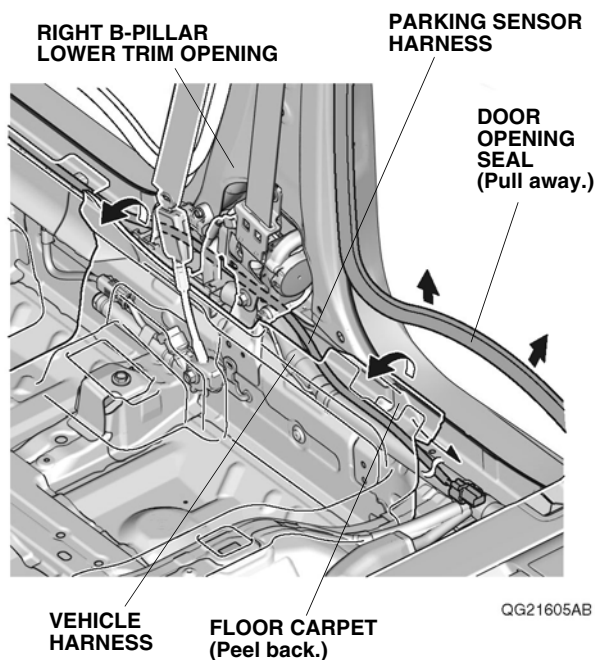
110. Secure the parking sensor harness to the vehicle harness with two wire ties A as shown.



111. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle harness holder where the aluminum tape will attach.

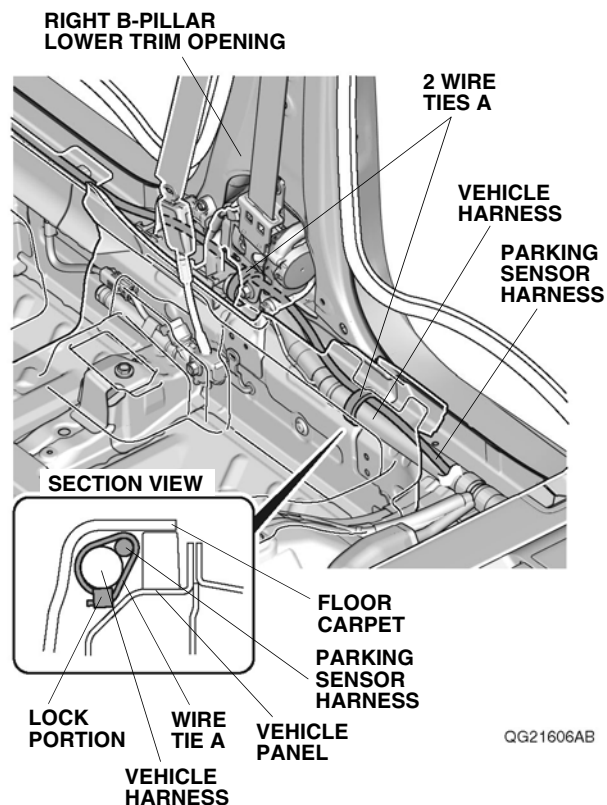


112. Route the parking sensor harness. Using scissors, cut one piece of aluminum tape in half, and secure the parking sensor harness to the vehicle harness holder with two pieces as shown.
113. Pull away the door opening seal, and peel back the floor carpet.

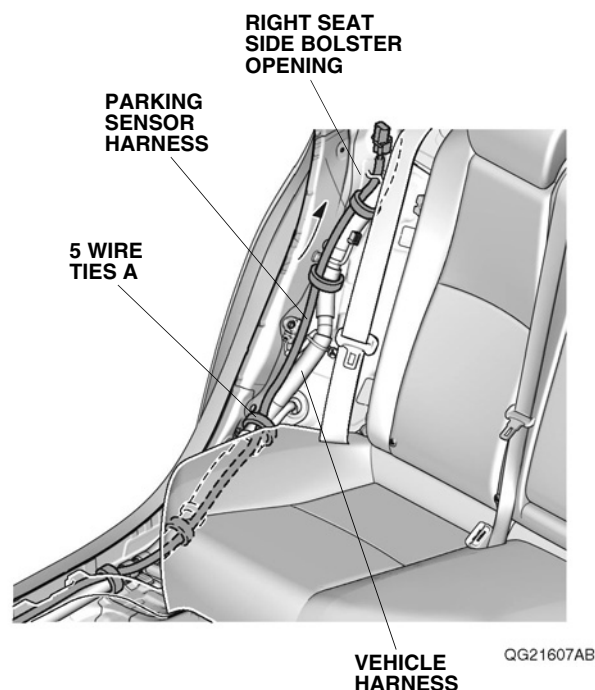


114. Route the parking sensor harness along the vehicle harness.

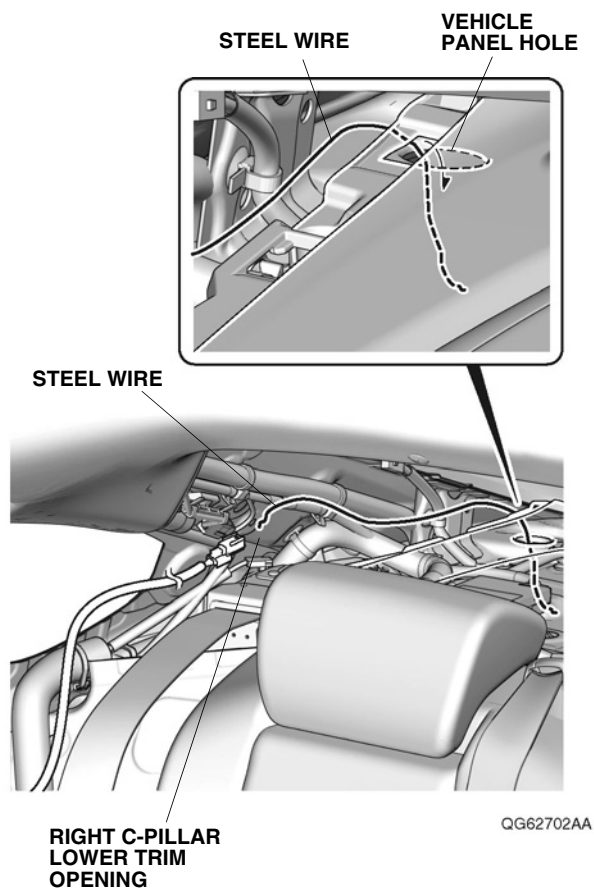
115. Secure the parking sensor harness to the vehicle harness with two wire ties A as shown.



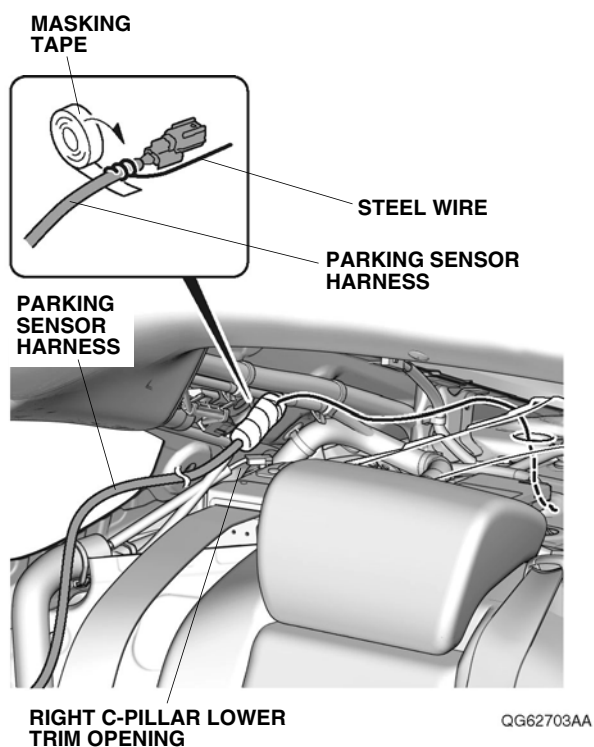
116. Route the parking sensor harness along the vehicle harness, and secure it to the vehicle harness with five wire ties A.



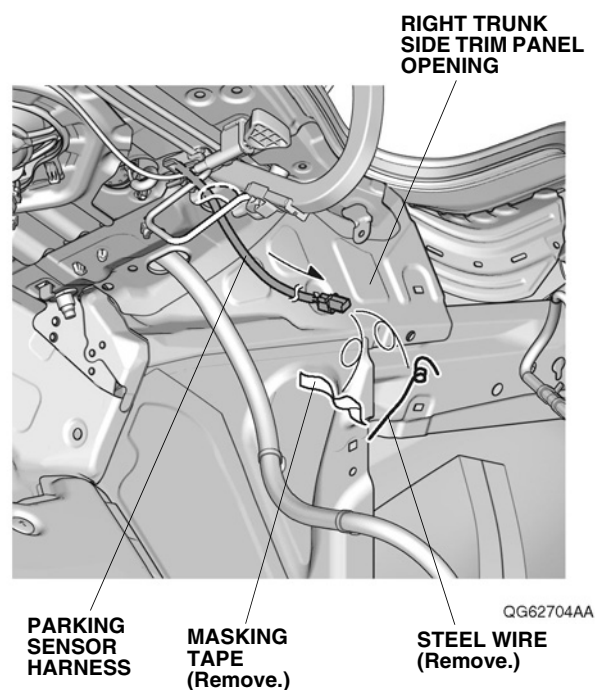
117. Route a piece of steel wire as shown.



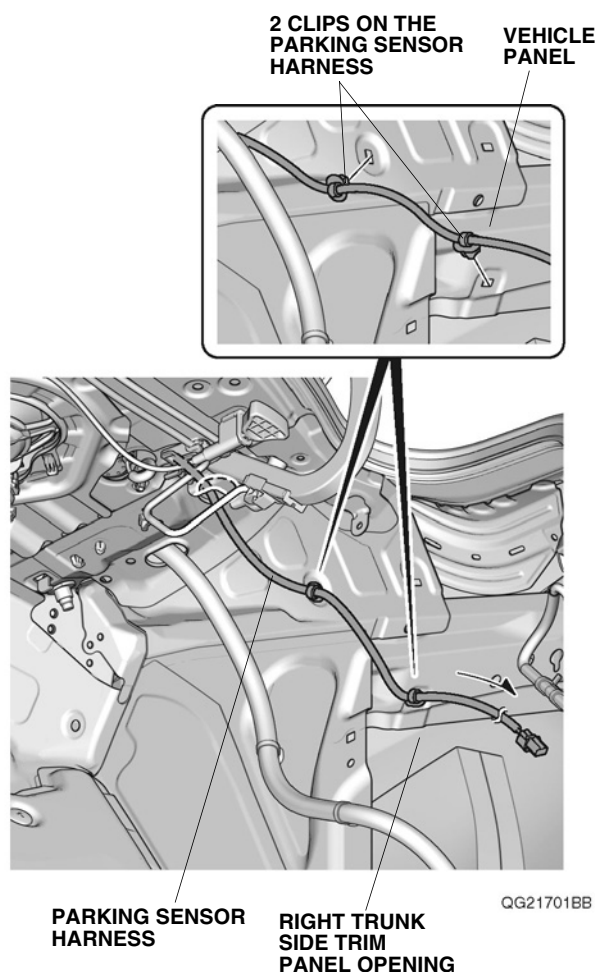
118. Attach the steel wire to the parking sensor harness with masking tape as shown.



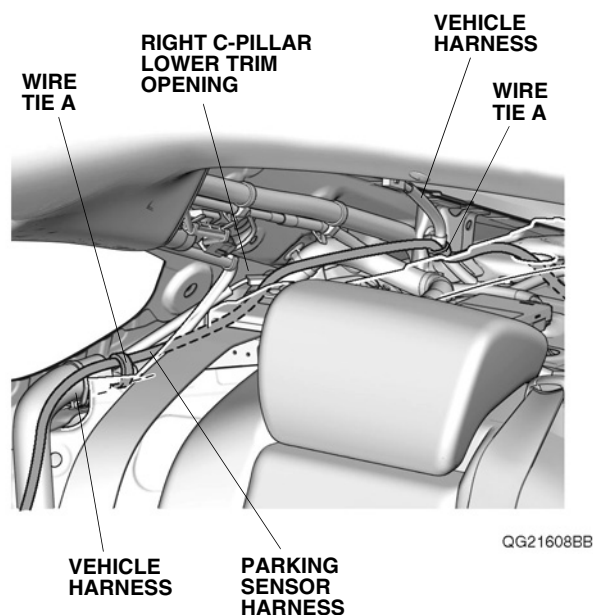
119. Route the parking sensor harness as shown. Remove the masking tape and steel wire.



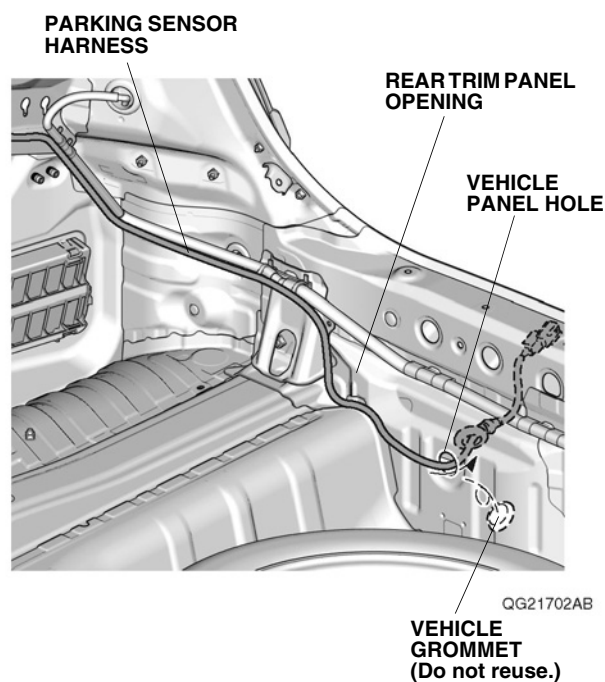
120. Route the parking sensor harness, and secure it to the vehicle panel with two clips on the parking sensor harness.



121. Secure the parking sensor harness to the vehicle harness with two wire ties A.



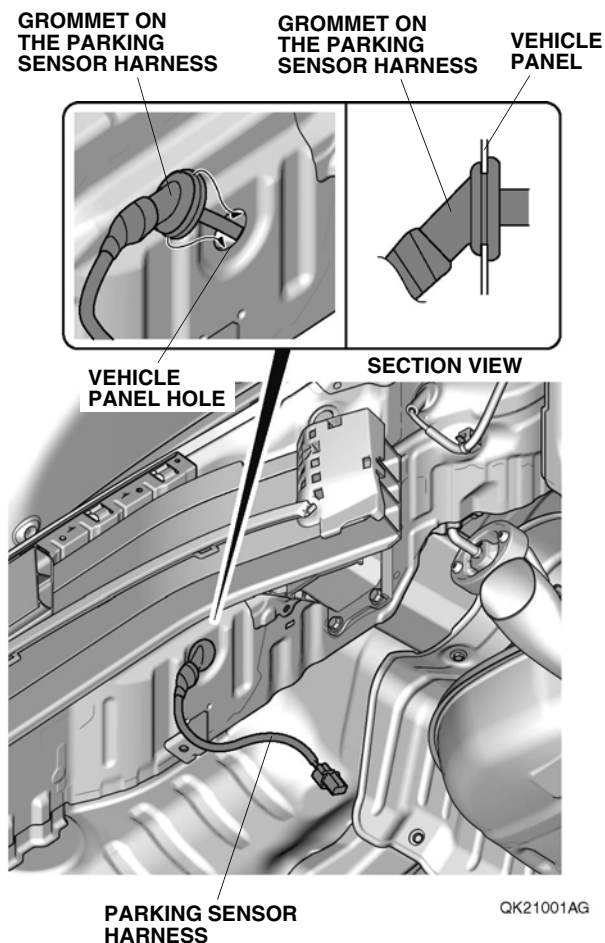
122. Remove the vehicle grommet. Route the parking sensor harness through the vehicle panel hole as shown.



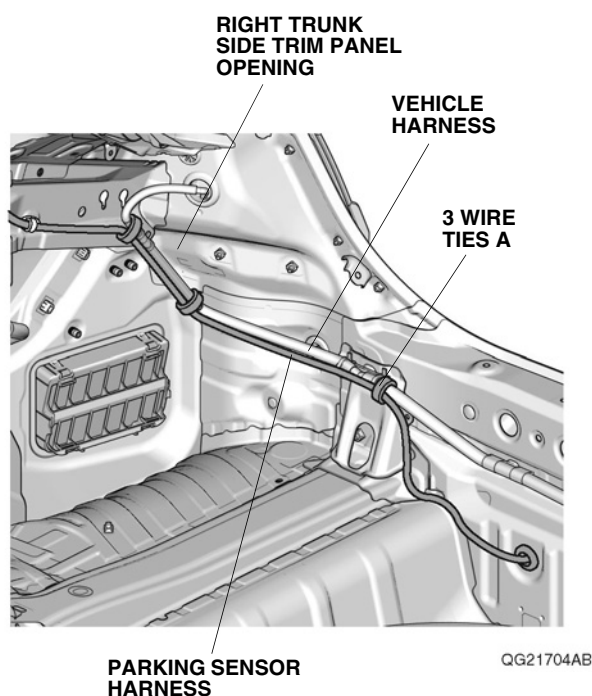
123. Secure the grommet on the parking sensor harness to the vehicle panel hole.

NOTE:

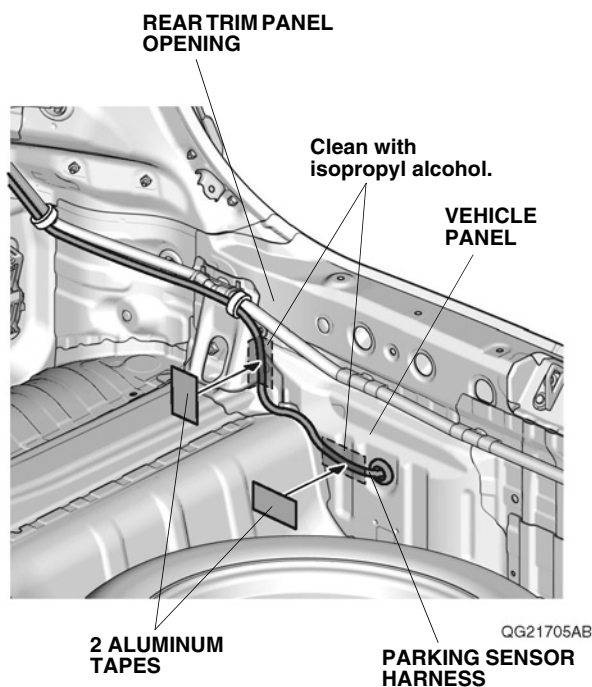
- Install the parking sensor harness by holding the grommet.
- Make sure the grommet is seated properly.



124. Secure the parking sensor harness to the vehicle harness with three wire ties A.

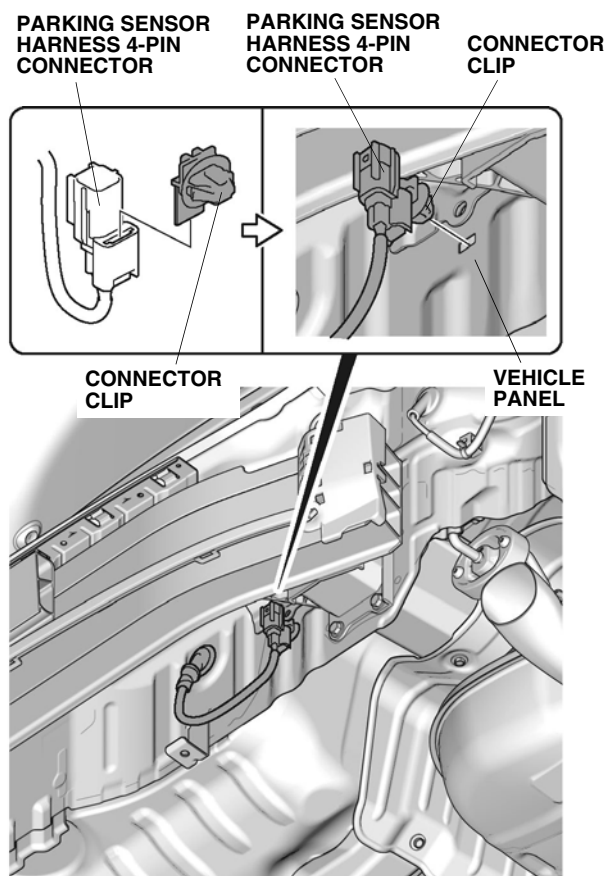


125. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle panel where the aluminum tape will attach.



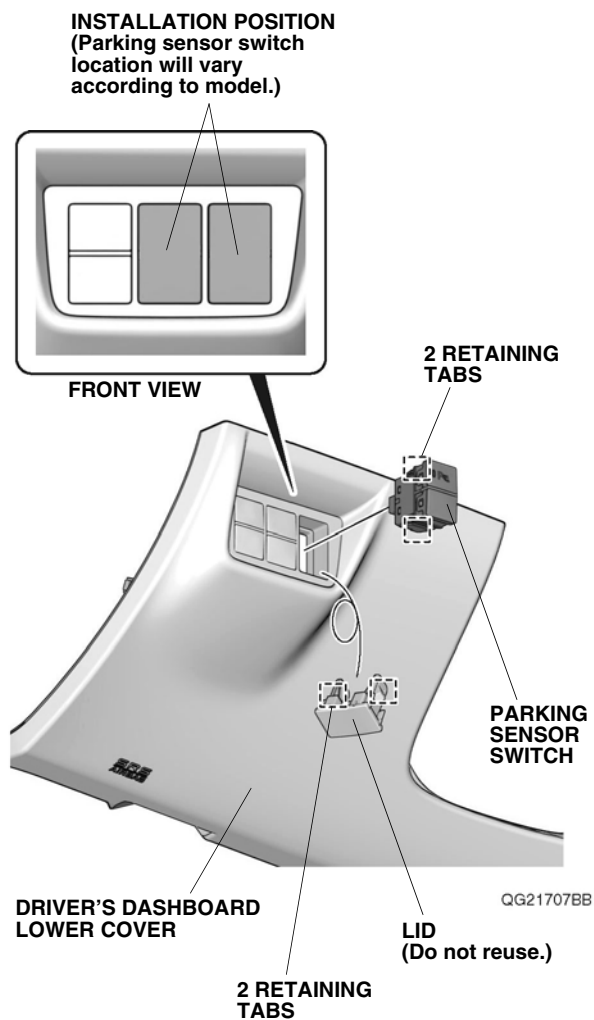
126. Secure the parking sensor harness to the vehicle panel with two pieces of aluminum tape as shown.

127. Install the connector clip on the parking sensor harness 4-pin connector, and secure the parking sensor harness 4-pin connector to the vehicle panel.



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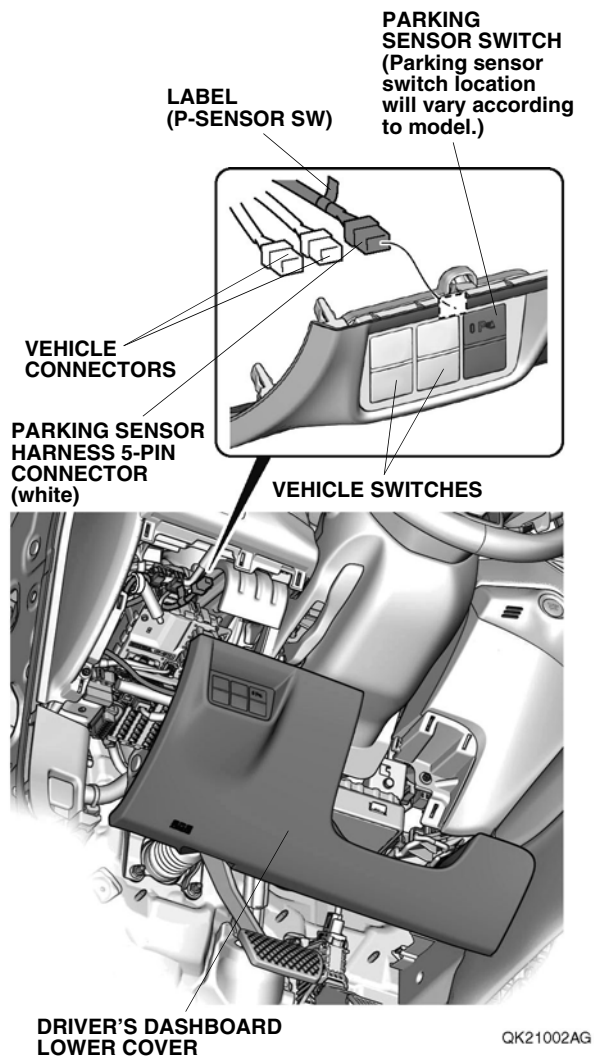
128. Remove the lid from the driver's dashboard lower cover.



QG21707BB

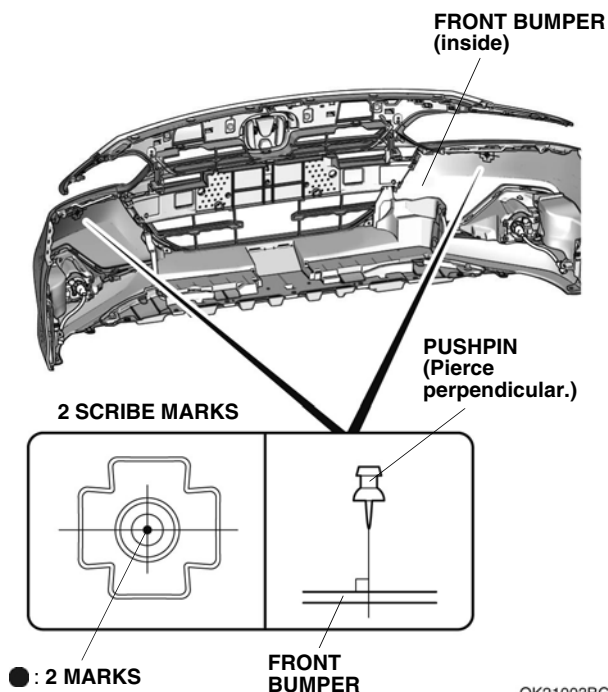
129. Install the parking sensor switch to the driver's dashboard lower cover.
NOTE: Install on the right side of the vehicle switch.

130. Plug the parking sensor harness 5-pin connector (white) into the parking sensor switch as shown. Then plug the vehicle connectors into the vehicle switches. Install the driver's dashboard lower cover. **NOTE:** Make sure the parking sensor harness 5-pin connector (white) is plugged into the parking sensor switch.



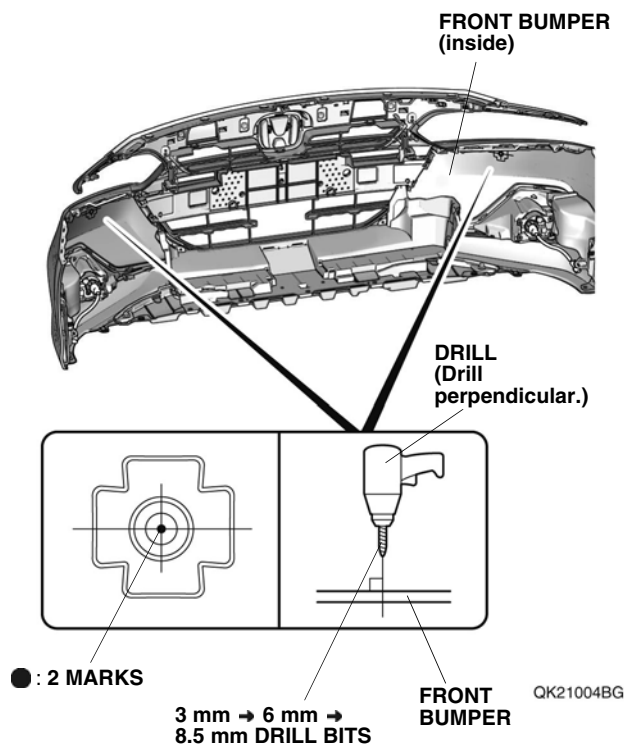
131. Mark the inside of the front bumper:

- Locate the two scribe marks on the inside of the front bumper.
- Using a pushpin, pierce the front bumper at the center of the two scribe marks. **NOTE:** Make sure to pierce the scribe marks perpendicular to the front bumper.



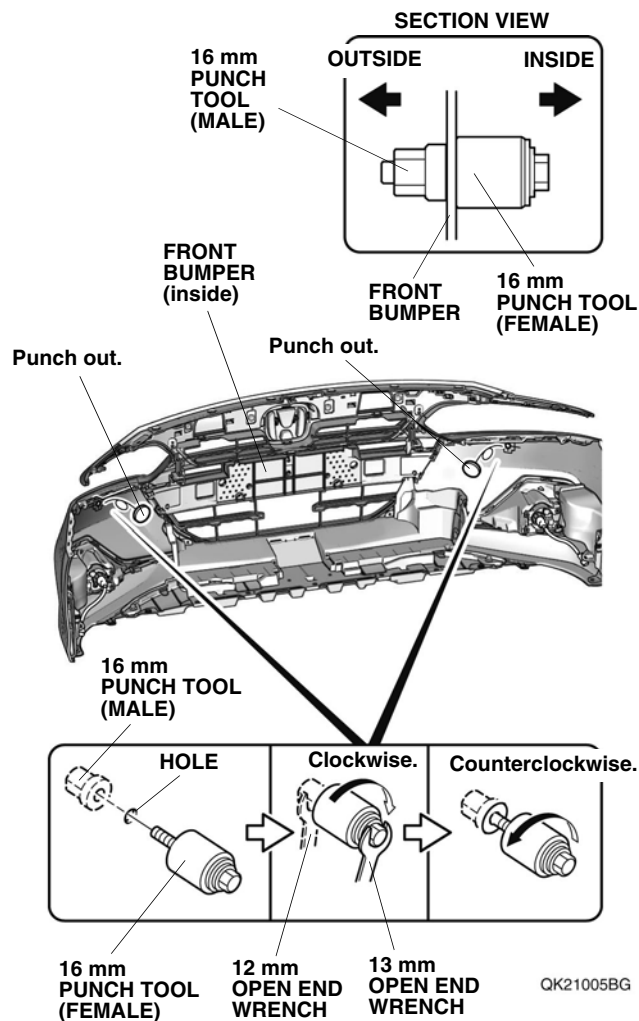
132. While wearing eye protection, drill the two pierced marks to 8.5 mm from the inside of the front bumper.

- First, drill with a 3 mm drill bit, then follow with a 6 mm drill bit, and finish with an 8.5 mm drill bit. NOTE: Make sure to drill perpendicular to the front bumper. Remove any burrs.

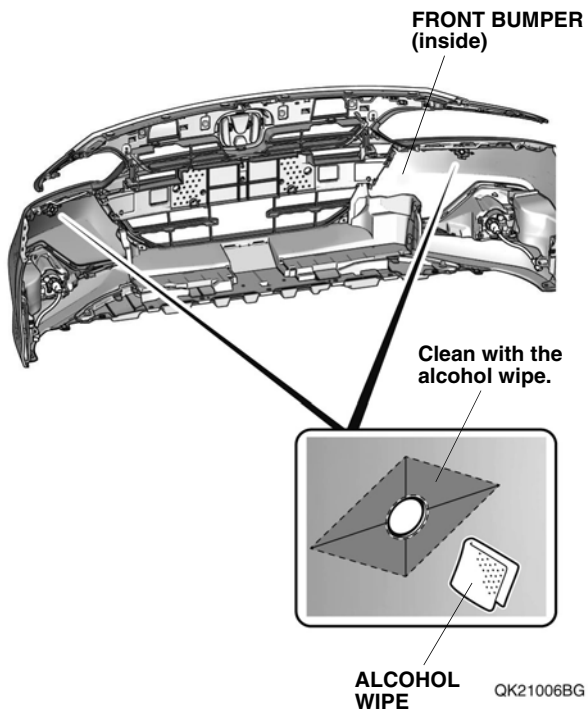


133. Using a 16 mm punch tool, punch out the two front bumper holes as shown.

NOTE: Make sure to hold the punch perpendicular to the front bumper. Remove any burrs.



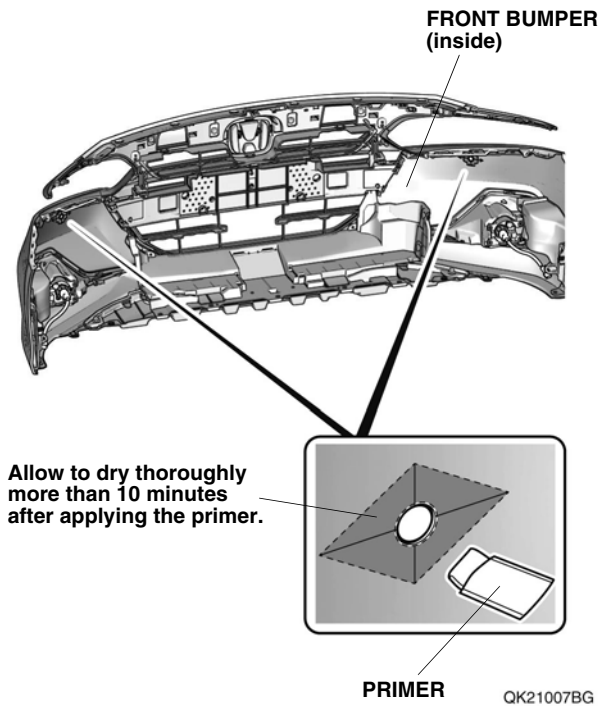
134. Using an alcohol wipe, thoroughly clean the front bumper where the retainers A will attach.



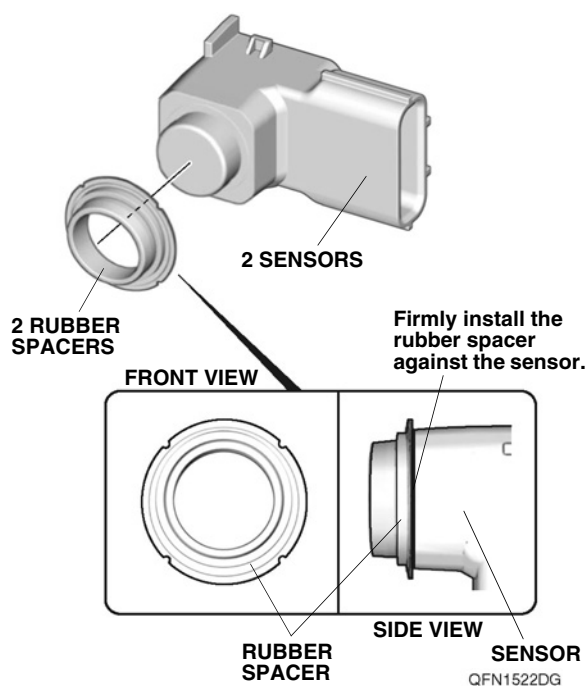
135. Apply the primer to the front bumper.

NOTE:

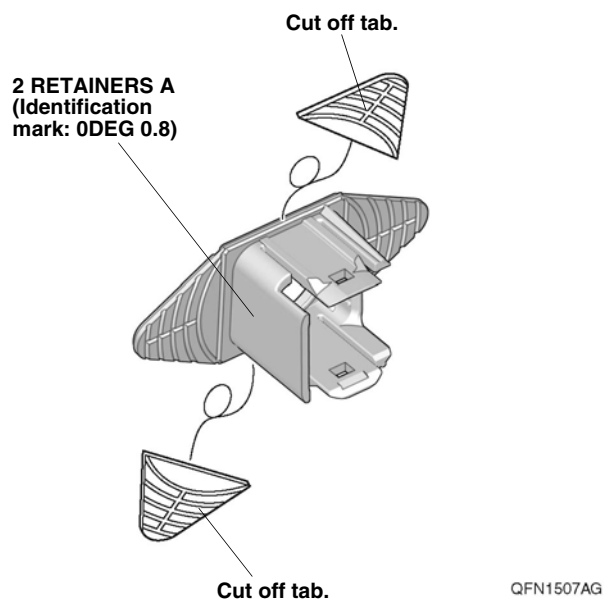
- Apply the primer evenly.
- Be careful not to apply the primer anywhere except the indicated area.
- Do not apply additional primer.
- Apply the primer, and let it dry for at least 10 minutes.
- Attach the front retainers within 24 hours after applying the primer.



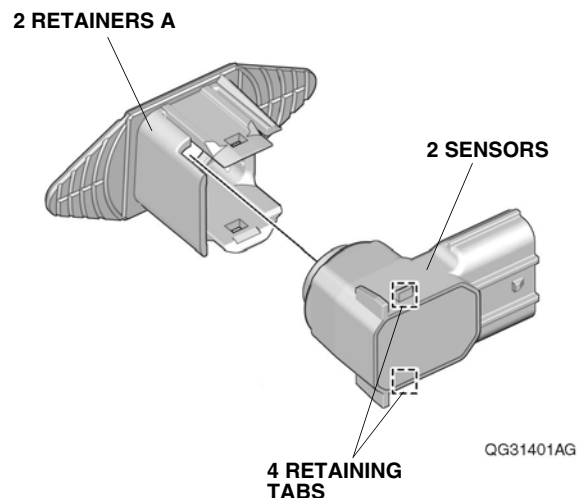
136. Install the two rubber spacers to the two sensors as shown.



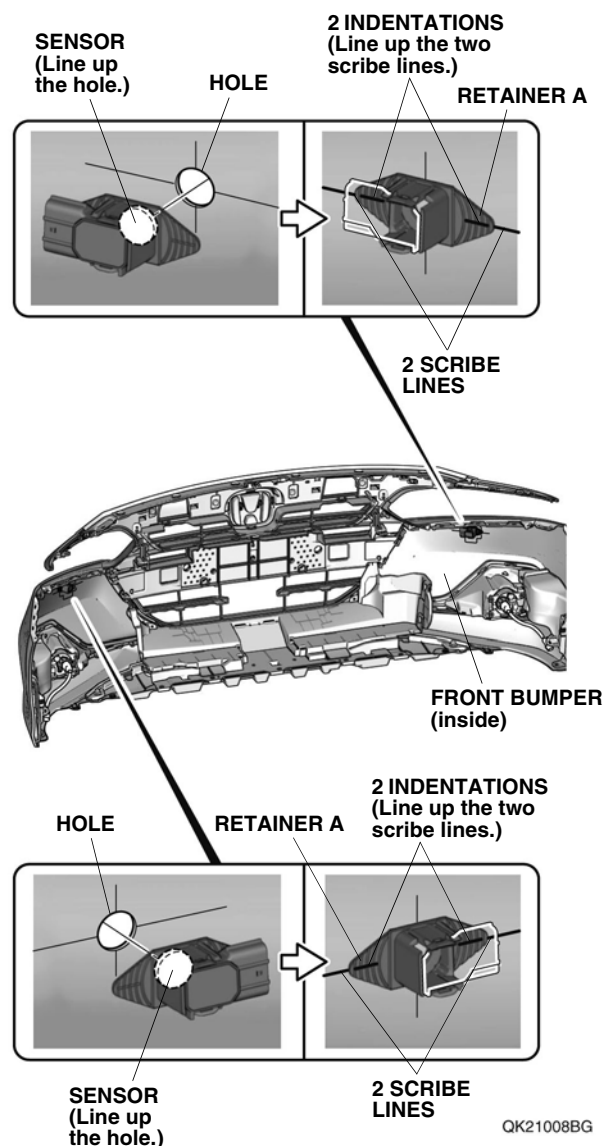
137. Using diagonal cutters, cut off the tabs of the two retainers A as shown. Remove any burrs.



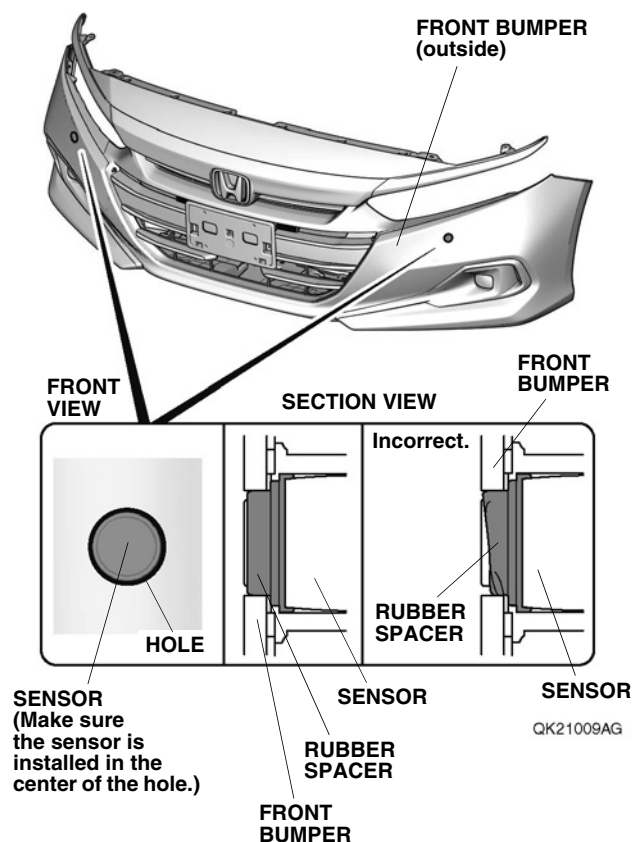
138. Install the two sensors to the two retainers A.



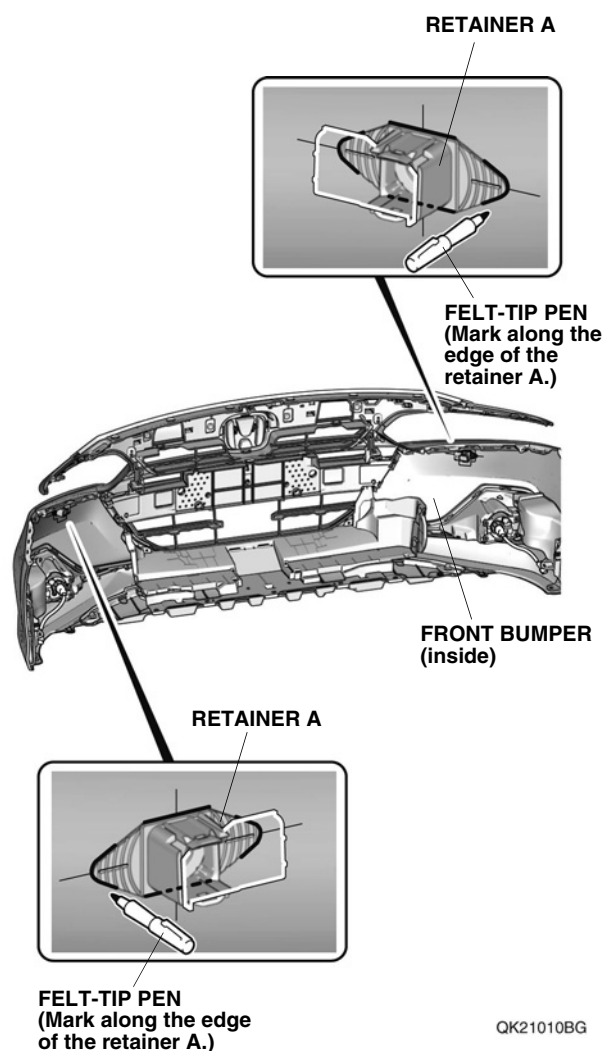
139. Line up the two sensors and two retainers A to the front bumper as shown.



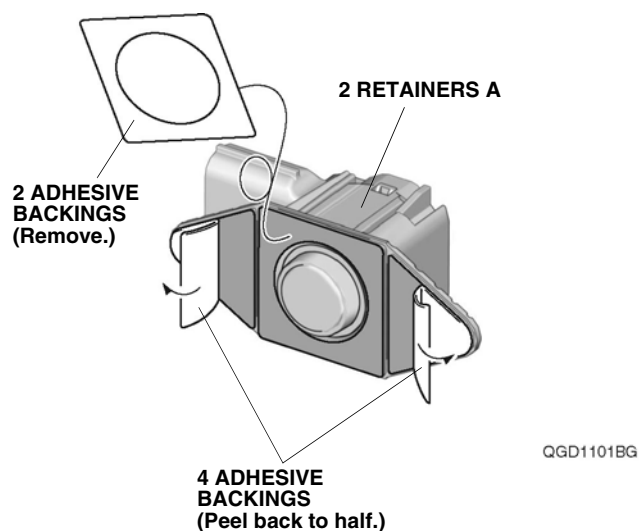
140. Make sure the two sensors are installed properly.



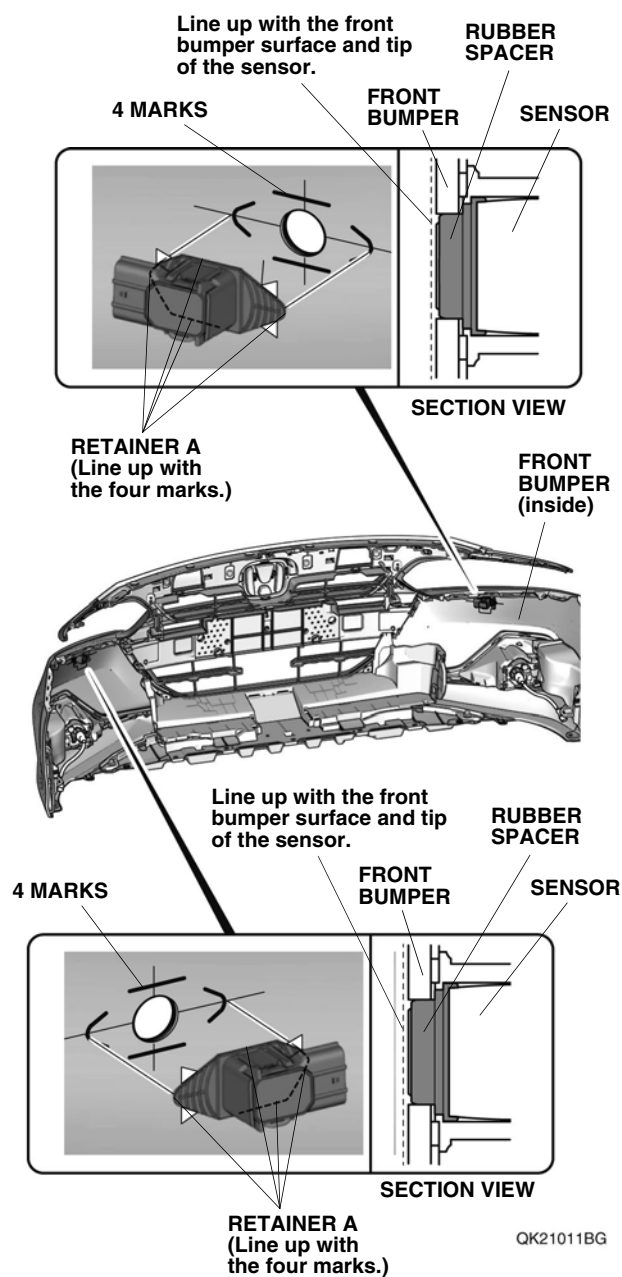
141. Using a felt-tip pen, mark the front bumper as shown.



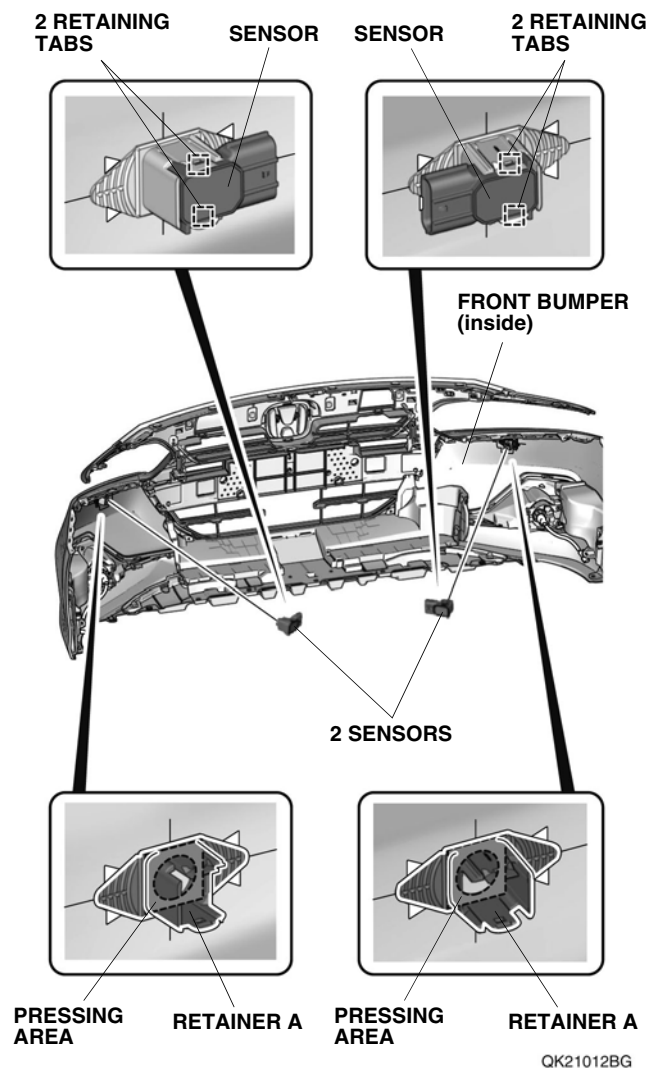
142. Remove the two adhesive backings and peel back the four adhesive backings as shown.



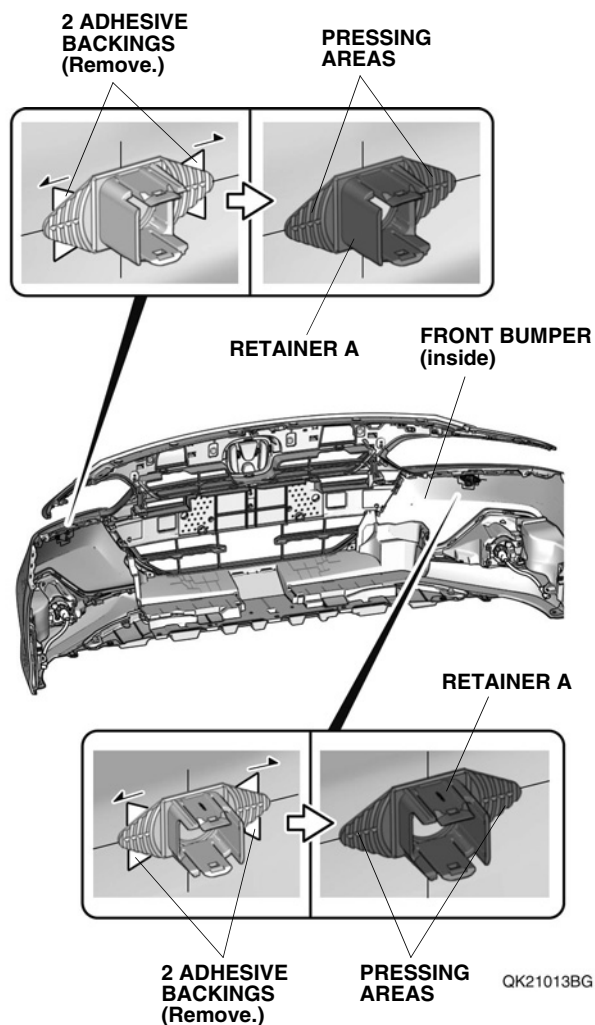
143. Attach the two retainers A to the front bumper as shown.



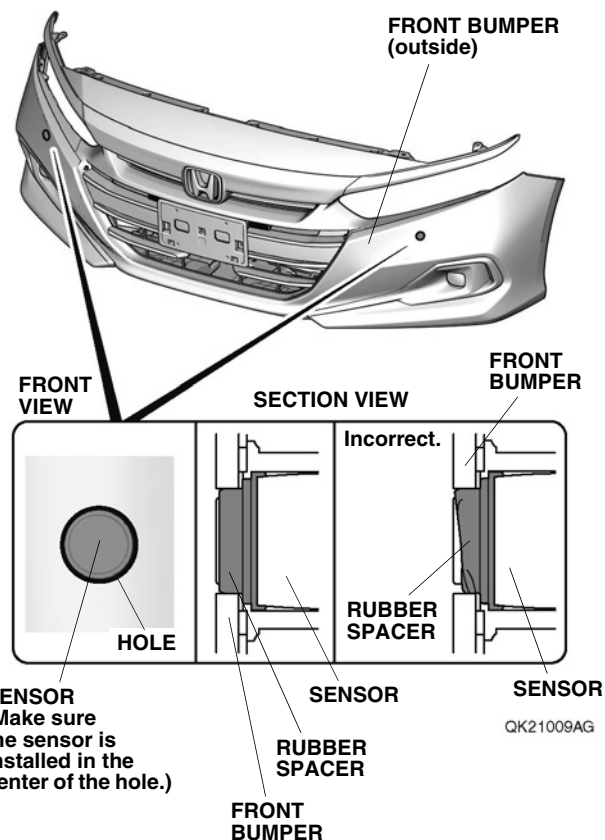
144. Remove the two sensors, and firmly press the two retainers A against the front bumper.



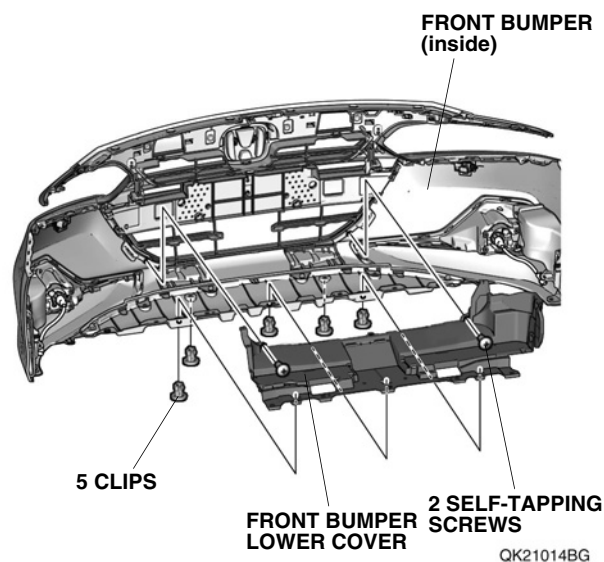
145. Remove the four adhesive backings, and firmly press the two retainers A against the front bumper. Install the two sensors.



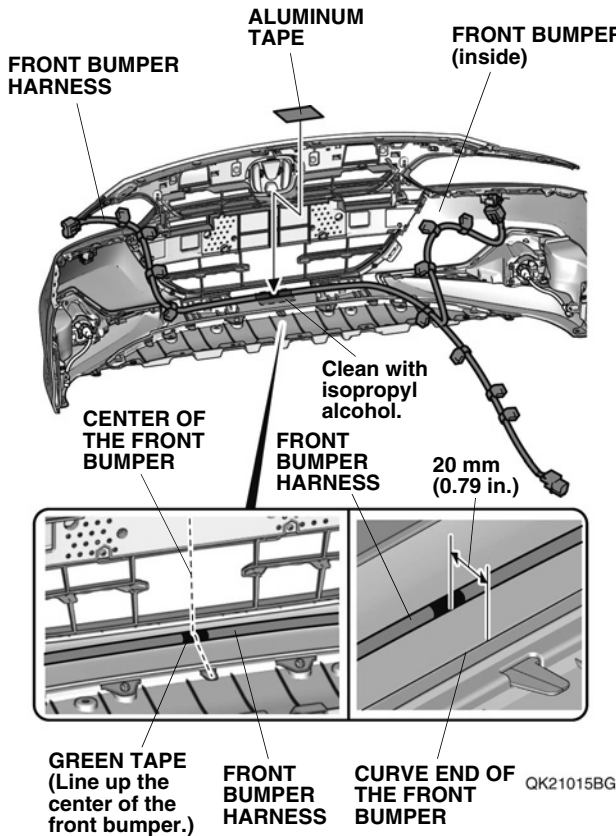
146. Make sure the two sensors are installed properly.



147. Remove the front bumper lower cover.

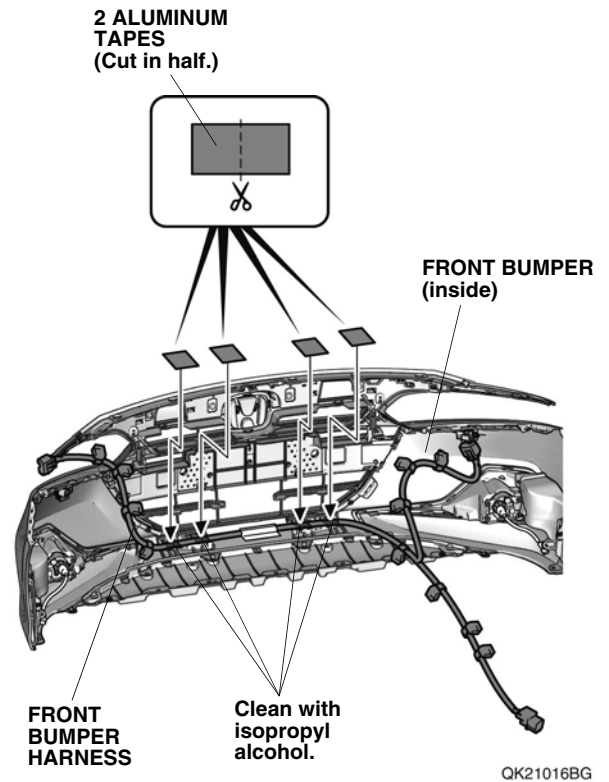


148. Using isopropyl alcohol on a shop towel, thoroughly clean the front bumper where the aluminum tape will attach.



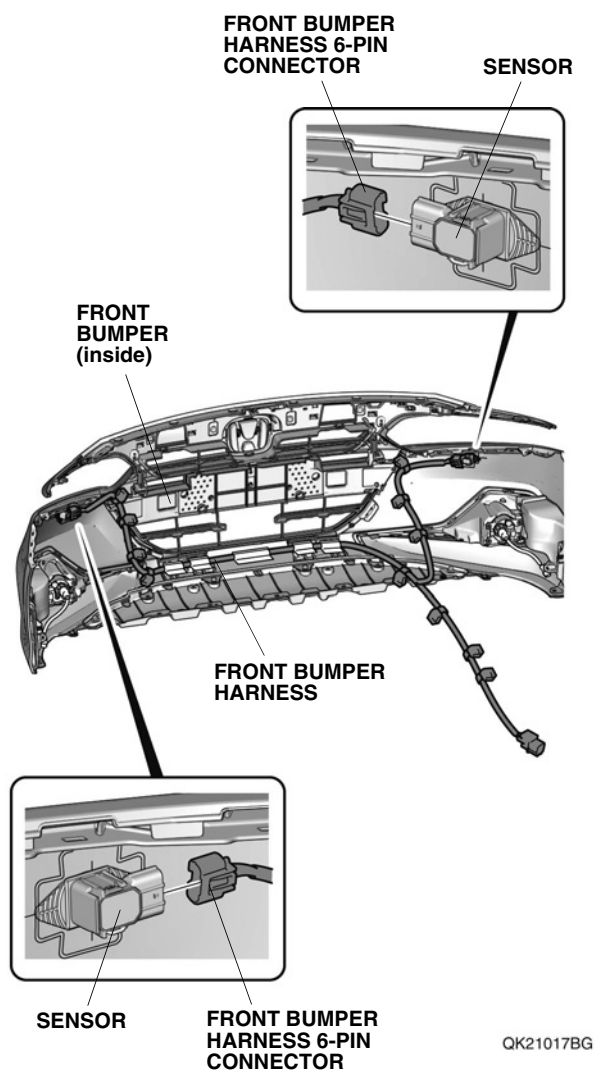
149. Line up the green tape on the front bumper harness with the center of the front bumper, and secure the front bumper harness to the front bumper with one piece of aluminum tape as shown.

150. Using isopropyl alcohol on a shop towel, thoroughly clean the front bumper where the aluminum tape will attach.

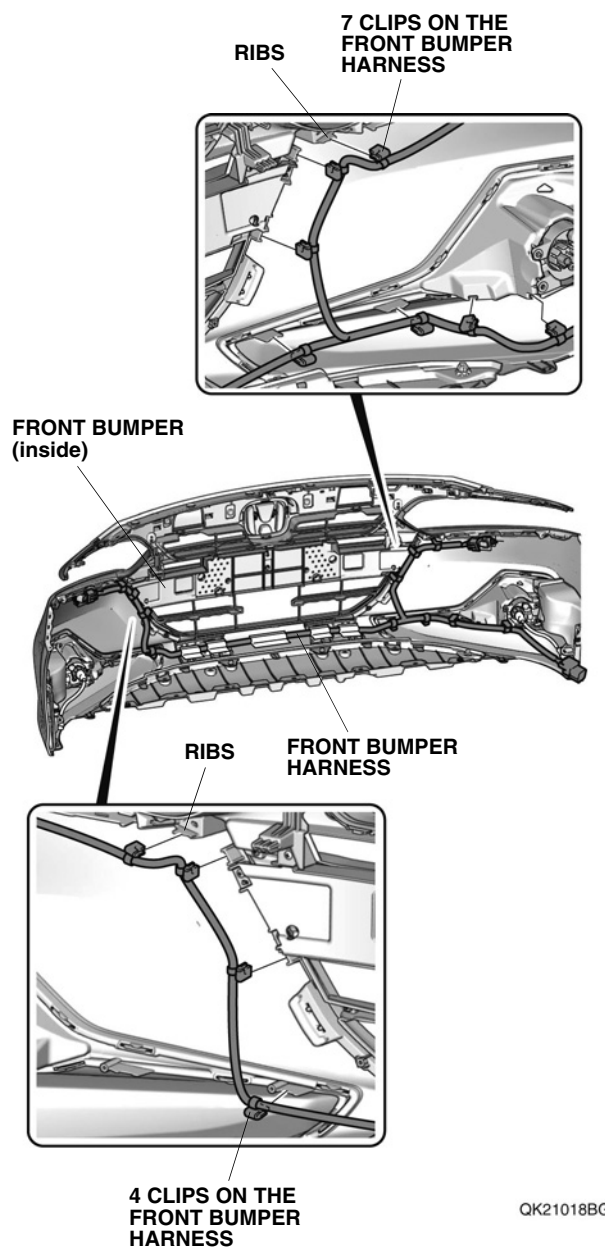


151. Using scissors, cut two pieces of aluminum tape in half, and secure the front bumper harness to the front bumper with the four pieces of aluminum tape as shown.

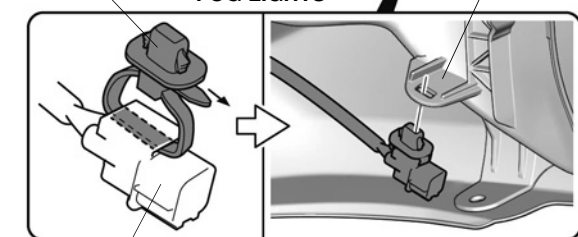
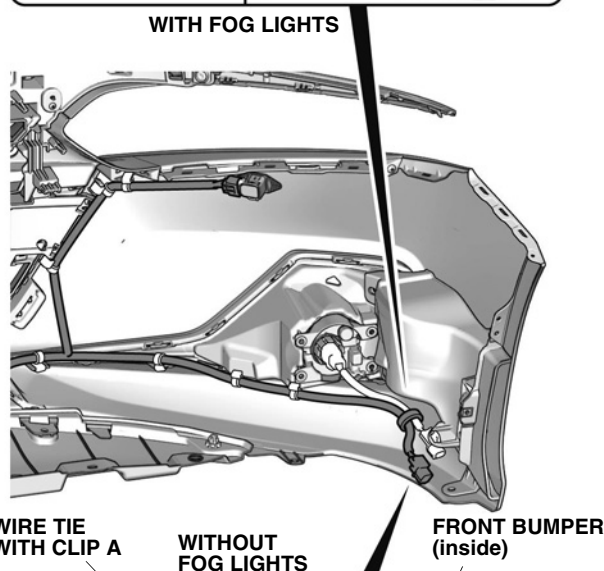
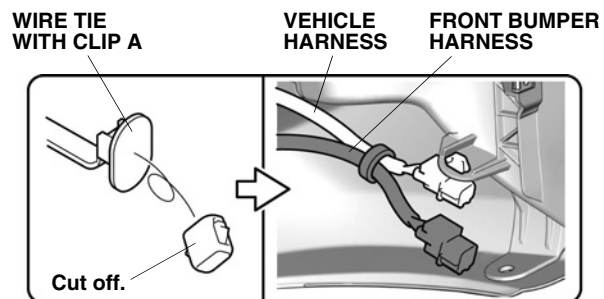
152. Plug the two front bumper harness 6-pin connectors into the two sensors.



153. Secure the front bumper harness to the ribs on the front bumper with 11 clips on the front bumper harness. Install the front bumper lower cover.



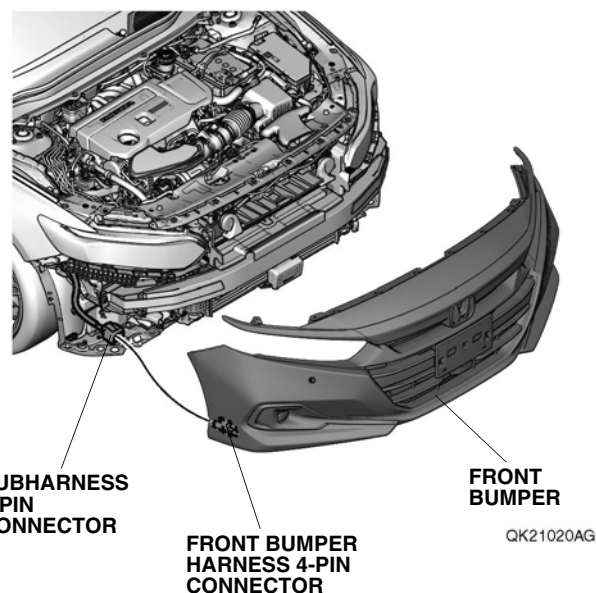
154. Using diagonal cutters, cut off the clip portion of one wire tie with clip A. Secure the front bumper harness to the vehicle harness with one wire tie with clip A. If the vehicle is not equipped with fog lights, attach one wire tie with clip A to the front bumper harness 4-pin connector as shown. Secure the front bumper harness 4-pin connector to the front bumper with one wire tie with clip A.



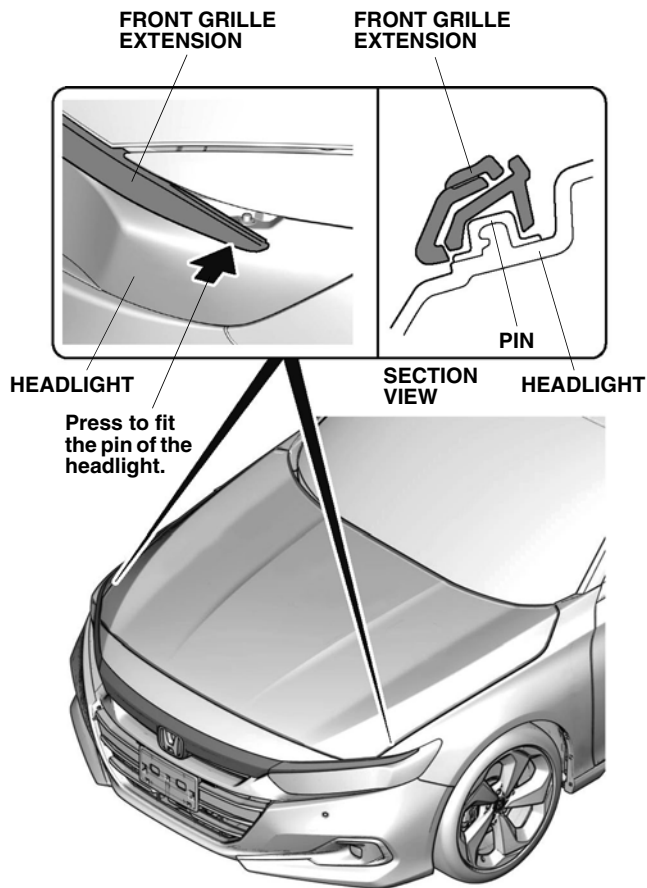
FRONT BUMPER HARNESS 4-PIN CONNECTOR

QK21019BG

155. With the help of an assistant, bring the front bumper close to the vehicle, and plug the subharness 4-pin connector into the front bumper harness 4-pin connector. Install the front bumper.



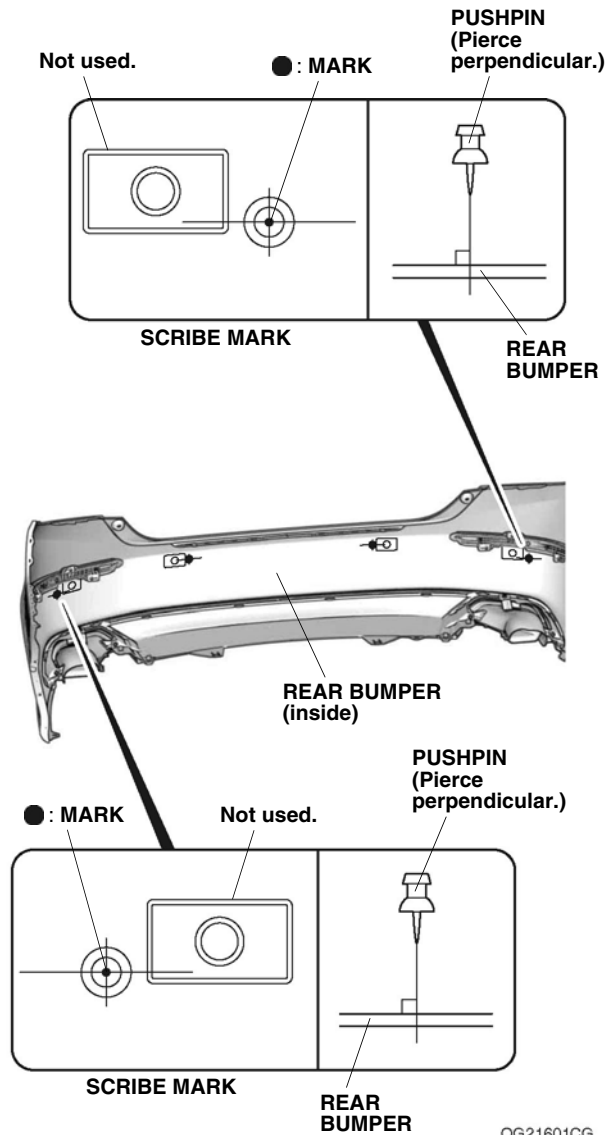
156. Check that the left front grille extension and right front grille extension are properly secured to the headlights. If not secured, press the edges of the left front grille extension and right front grille extension to fit the pins of the headlights as shown.



QK70811AX

157. Mark the inside of the rear bumper:

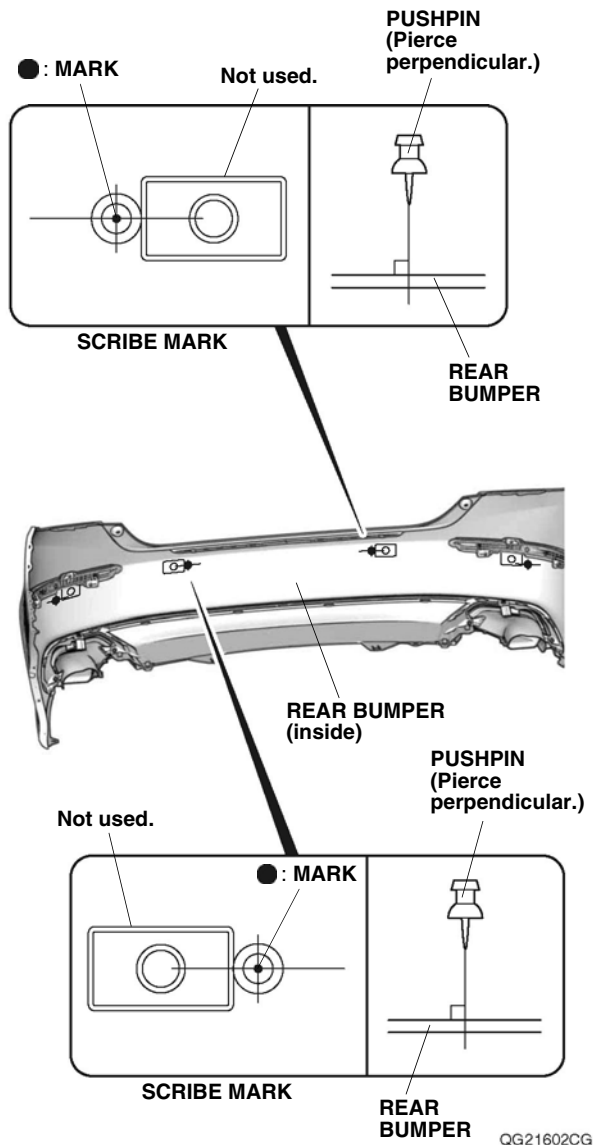
- Locate the two scribe marks on the inside of the rear bumper.
- Using a pushpin, pierce the rear bumper at the center of the two scribe marks.
NOTE: Make sure to pierce the scribe marks perpendicular to the rear bumper.



QG21601CG

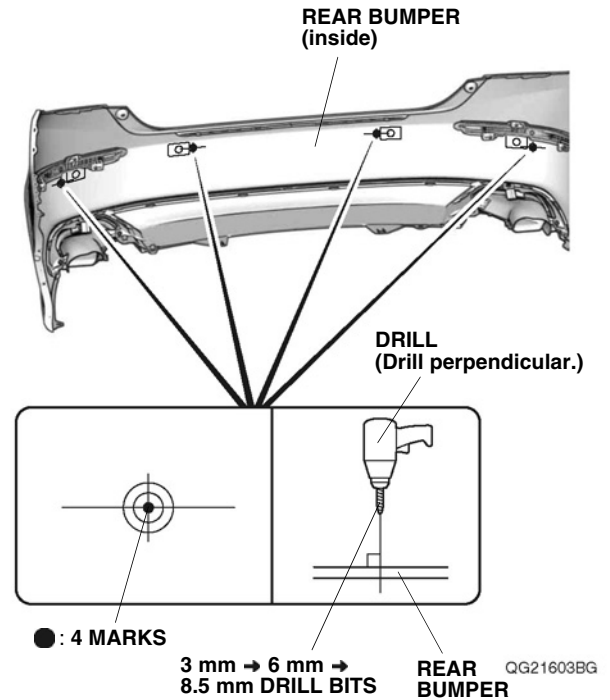
158. Mark the inside of the rear bumper:

- Locate the two scribe marks on the inside of the rear bumper.
 - Using a pushpin, pierce the rear bumper at the center of the two scribe marks.
- NOTE: Make sure to pierce the scribe marks perpendicular to the rear bumper.



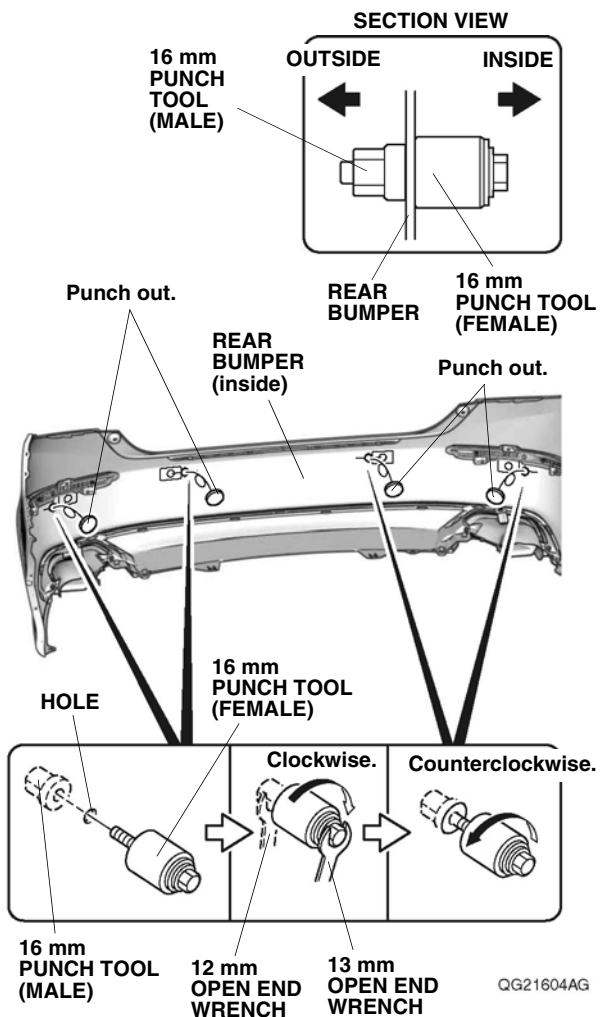
159. While wearing eye protection, drill the four pierced marks to 8.5 mm from the inside of the rear bumper.

- First, drill with a 3 mm drill bit, then follow with a 6 mm drill bit, and finish with an 8.5 mm drill bit.
- NOTE: Make sure to drill perpendicular to the rear bumper. Remove any burrs.

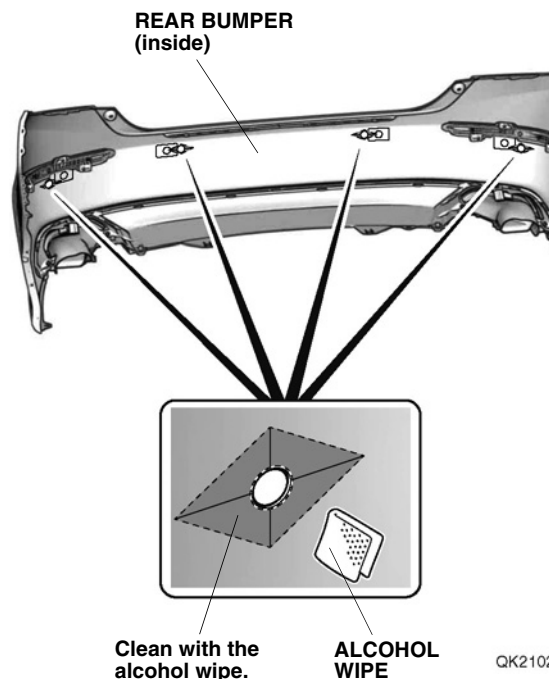


160. Using a 16 mm punch tool, punch out the four rear bumper holes as shown.

NOTE: Make sure to hold the punch perpendicular to the rear bumper. Remove any burrs.



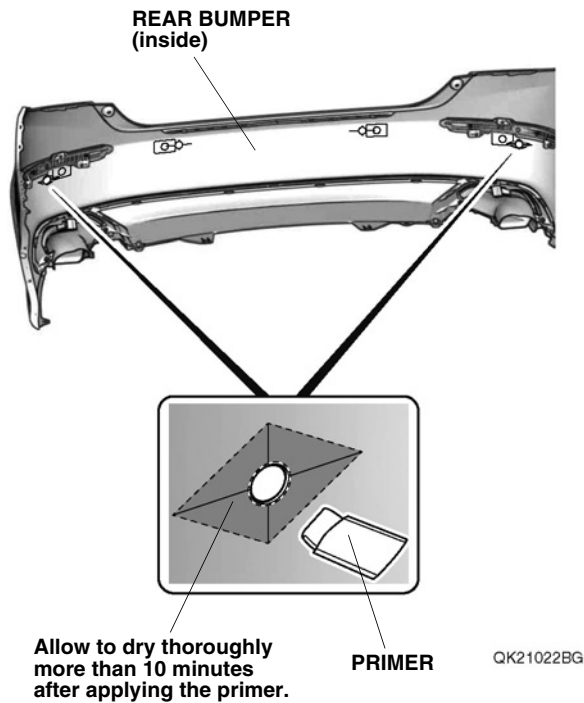
161. Using an alcohol wipe, thoroughly clean the rear bumper where the retainers B will attach.



162. Apply the primer to the rear bumper.

NOTE:

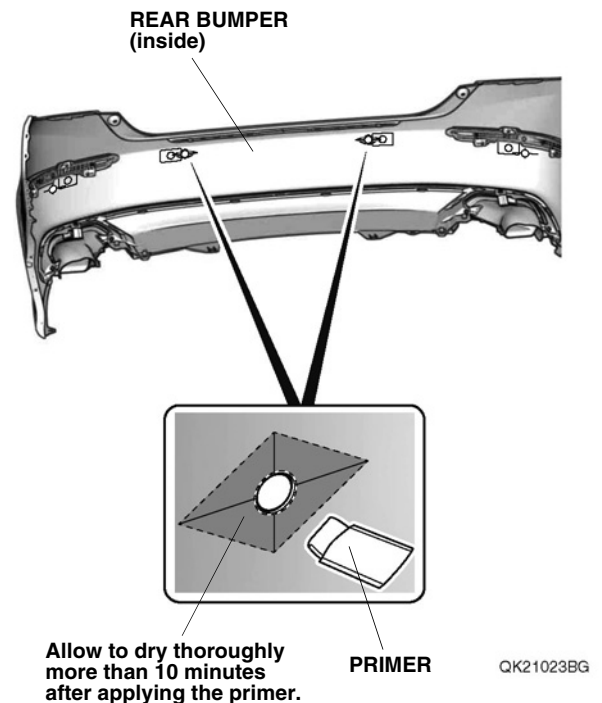
- Apply the primer evenly.
- Be careful not to apply the primer anywhere except the indicated area.
- Do not apply additional primer.
- Apply the primer, and let it dry for at least 10 minutes.
- Attach the rear retainers within 24 hours after applying the primer.



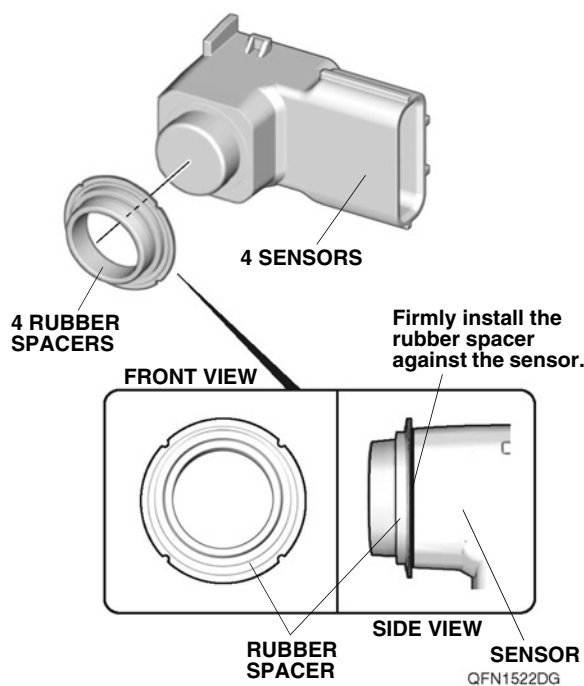
163. Apply the primer to the rear bumper.

NOTE:

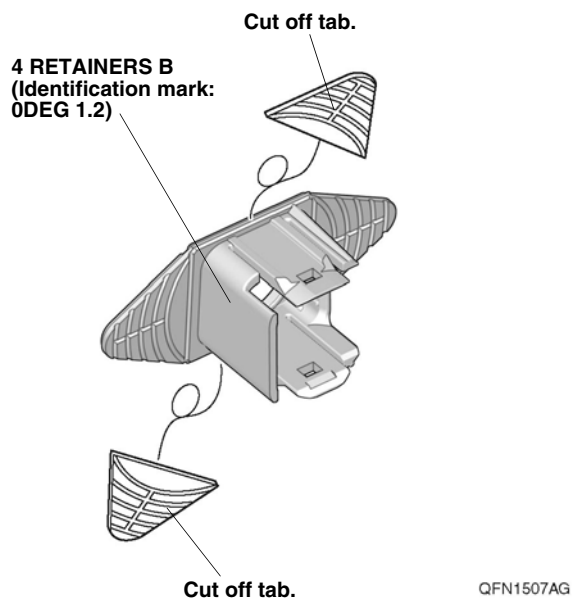
- Apply the primer evenly.
- Be careful not to apply the primer anywhere except the indicated area.
- Do not apply additional primer.
- Apply the primer, and let it dry for at least 10 minutes.
- Attach the rear retainers within 24 hours after applying the primer.



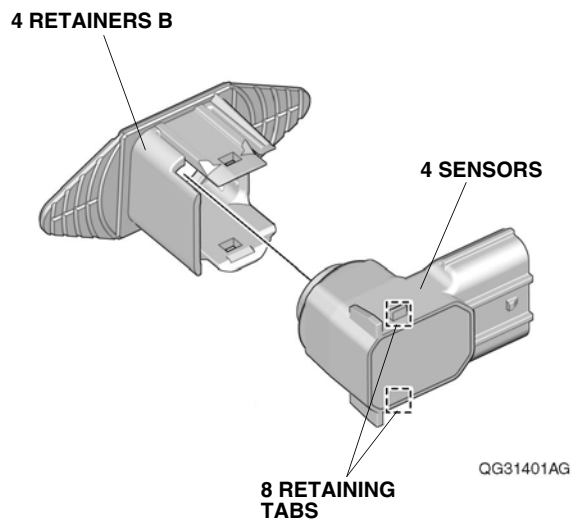
164. Install the four rubber spacers to the four sensors as shown.



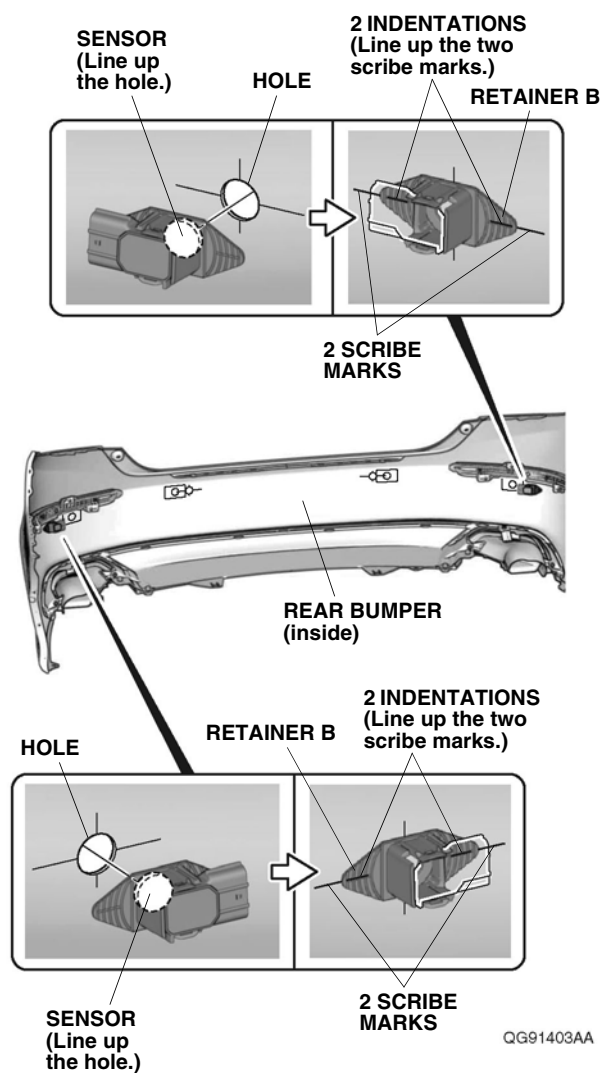
165. Using diagonal cutters, cut off the tabs of the four retainers B as shown. Remove any burrs.



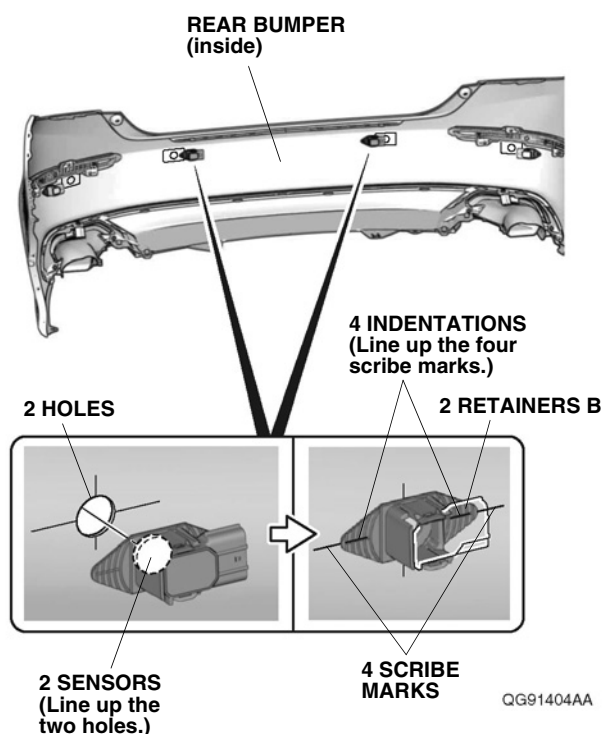
166. Install the four sensors to the four retainers B.



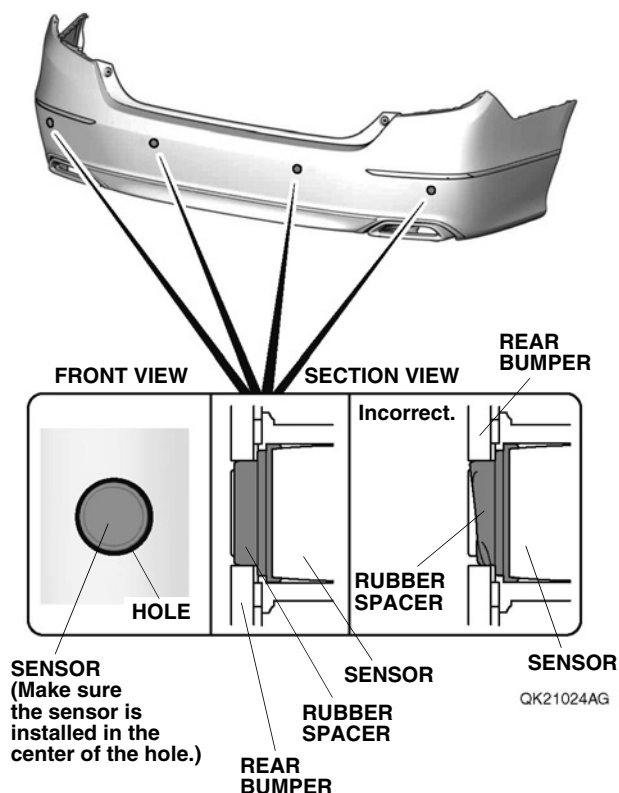
167. Line up the two sensors and two retainers B to the rear bumper as shown.



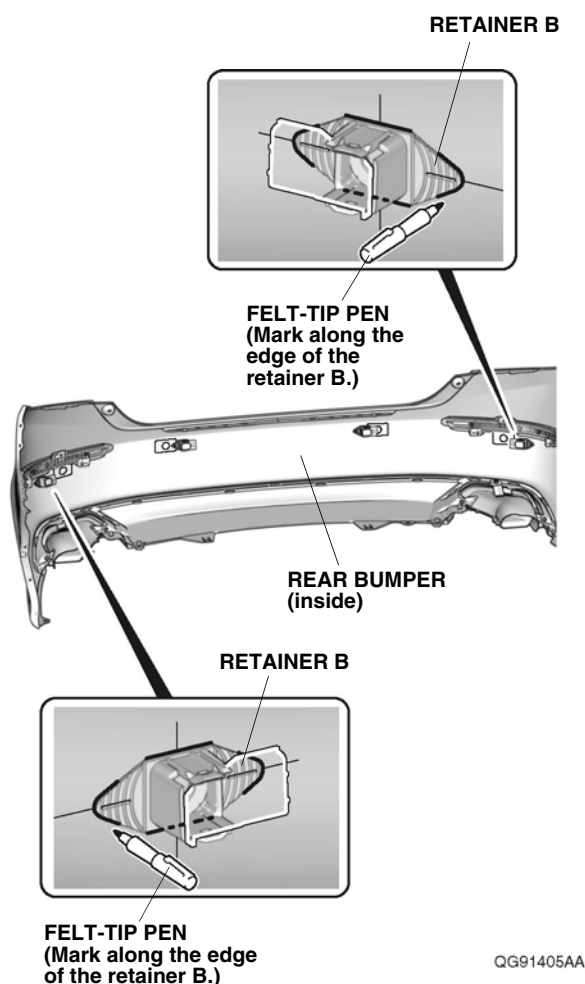
168. Line up the two sensors and two retainers B to the rear bumper as shown.



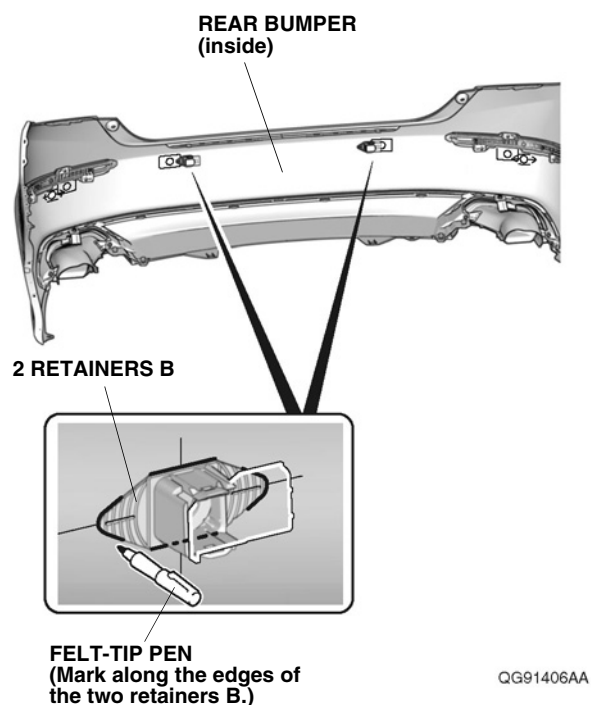
169. Make sure the four sensors are installed properly.



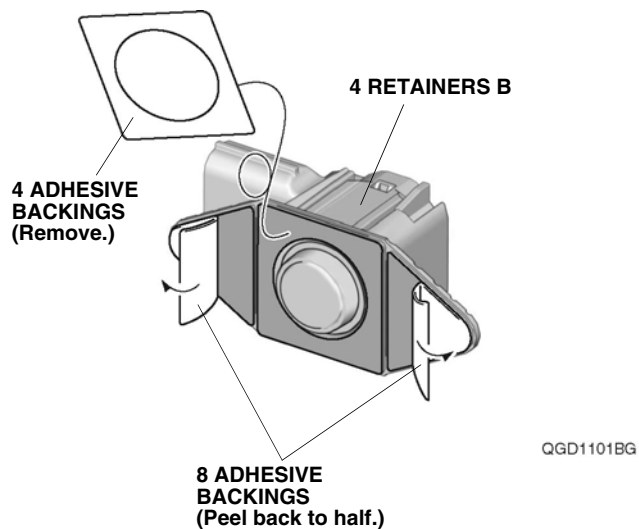
170. Using a felt-tip pen, mark the rear bumper as shown.



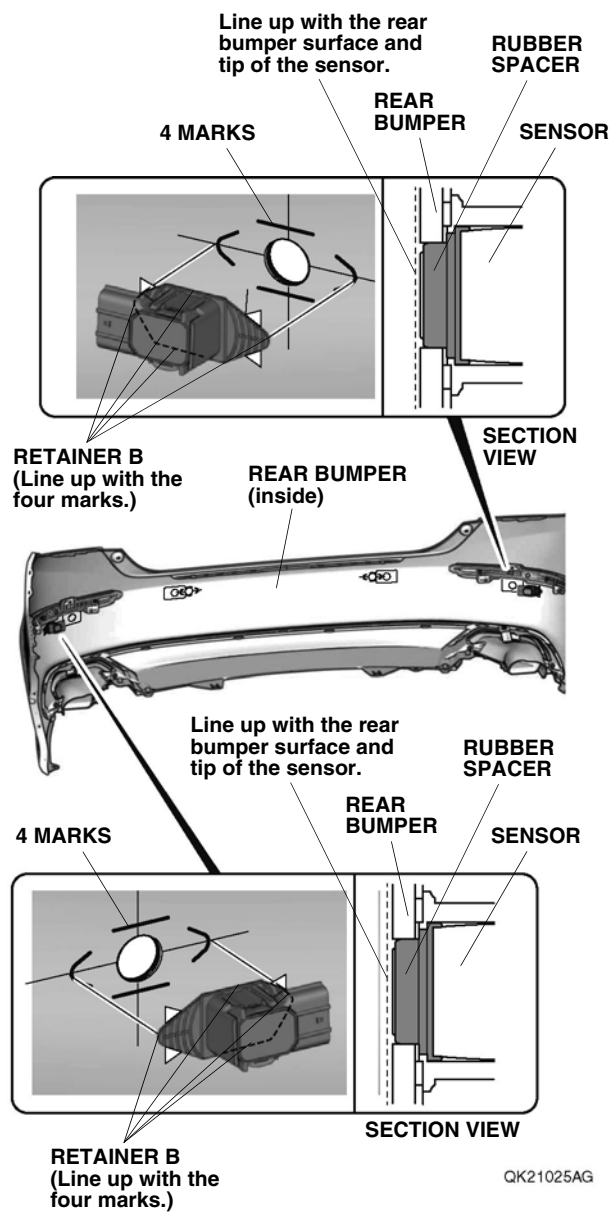
171. Using a felt-tip pen, mark the rear bumper as shown.



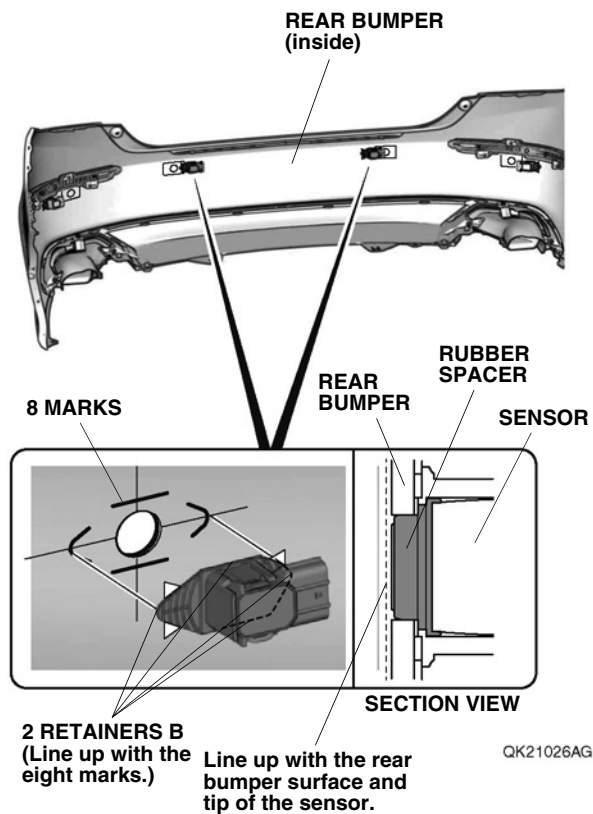
172. Remove the four adhesive backings and peel back the eight adhesive backings as shown.



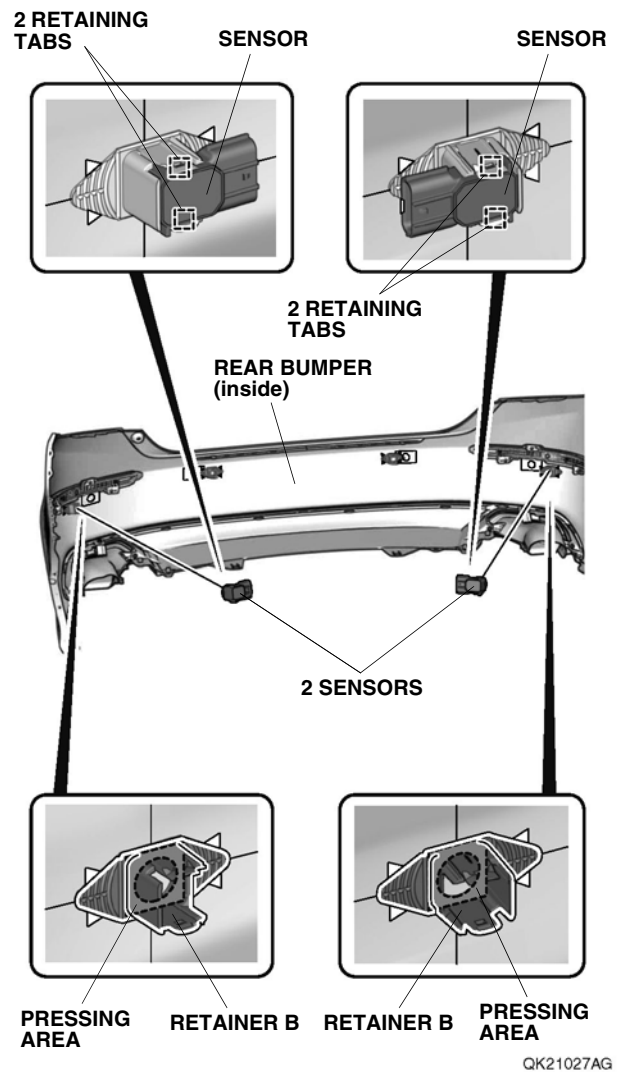
173. Attach the two retainers B to the rear bumper as shown.



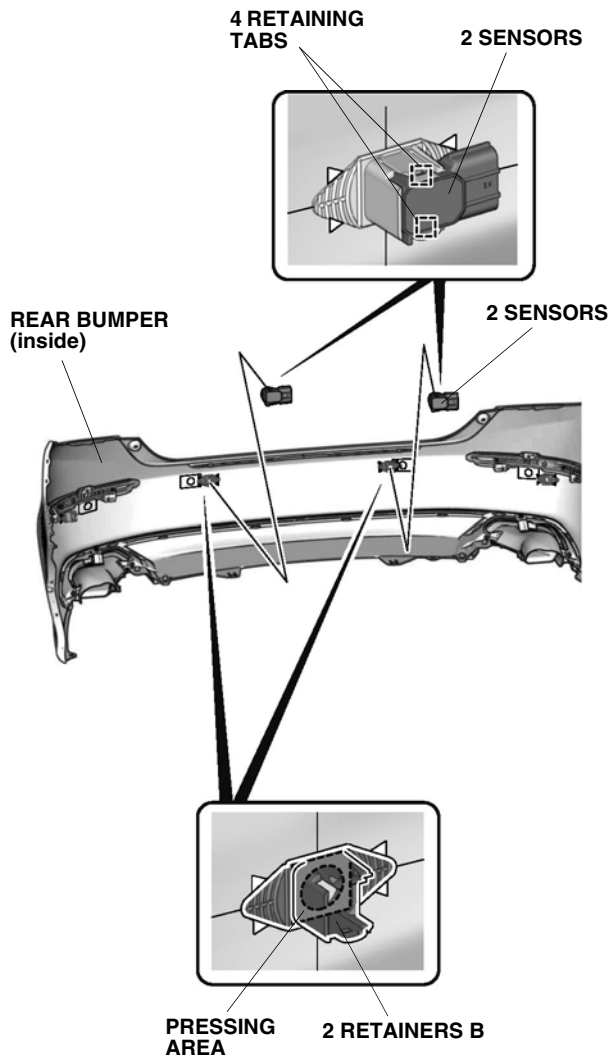
174. Attach the two retainers B to the rear bumper as shown.



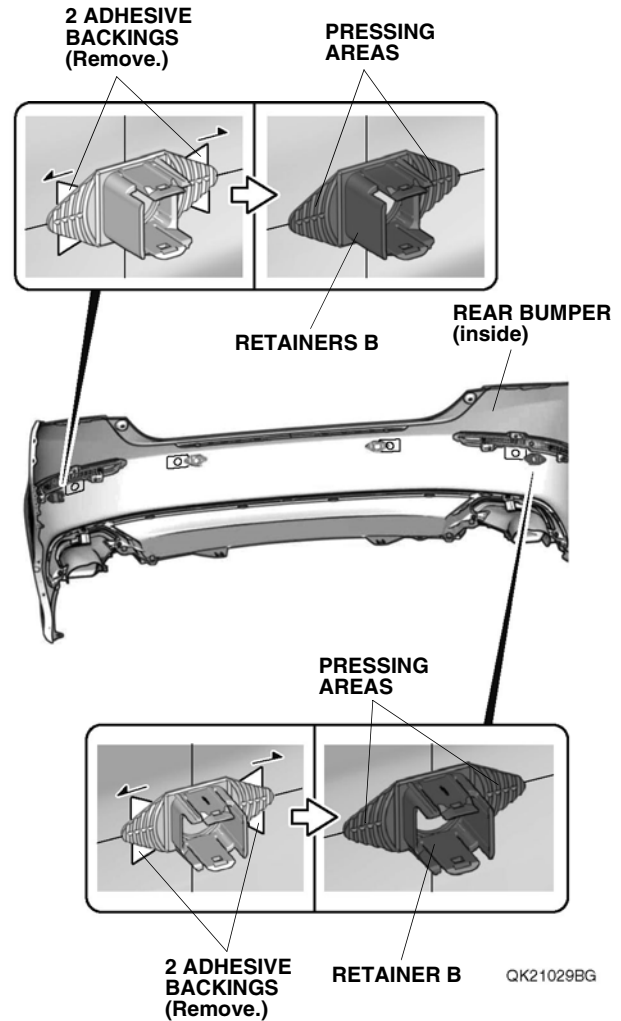
175. Remove the two sensors, and firmly press the two retainers B against the rear bumper.



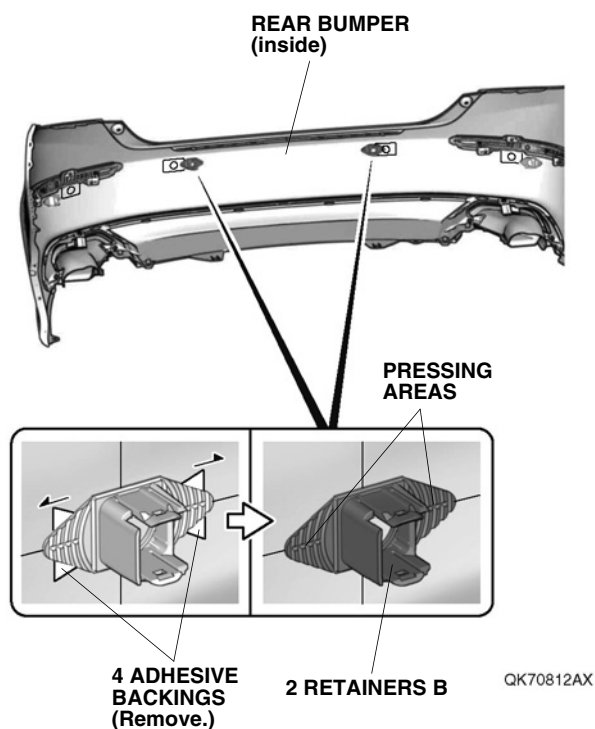
176. Remove the two sensors, and firmly press the two retainers B against the rear bumper.



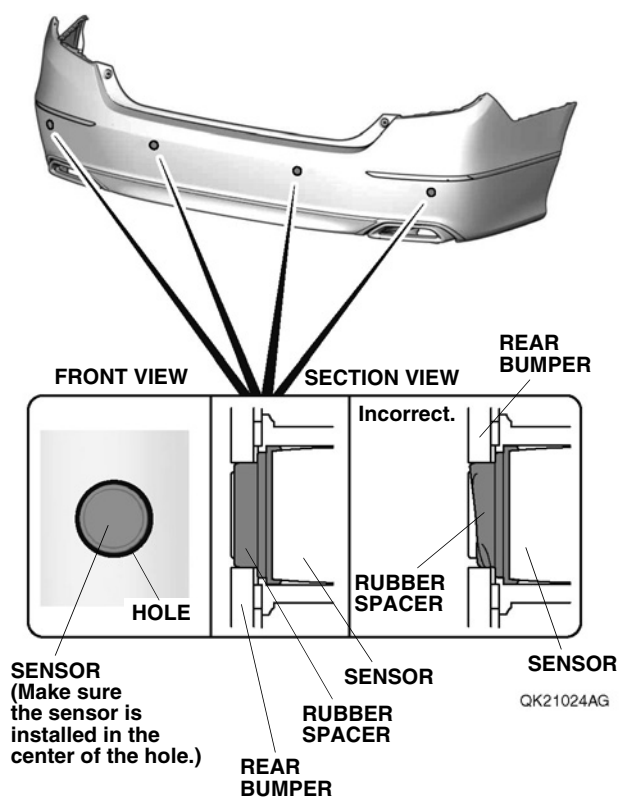
177. Remove the four adhesive backings, and firmly press the two retainers B against the rear bumper. Install the two sensors.



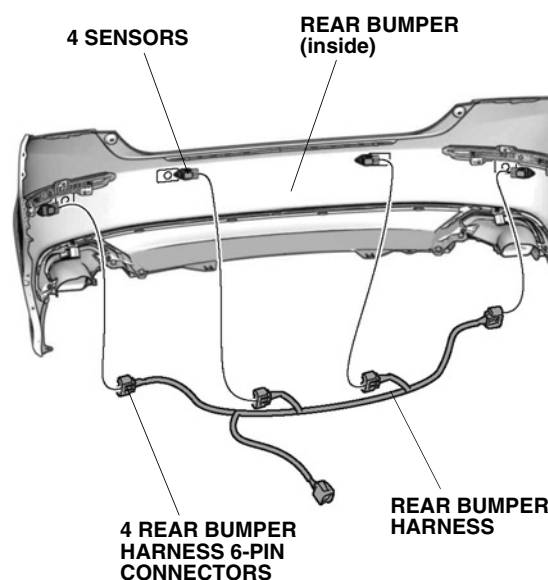
178. Remove the four adhesive backings, and firmly press the two retainers B against the rear bumper. Install the two sensors.



179. Make sure the four sensors are installed properly.

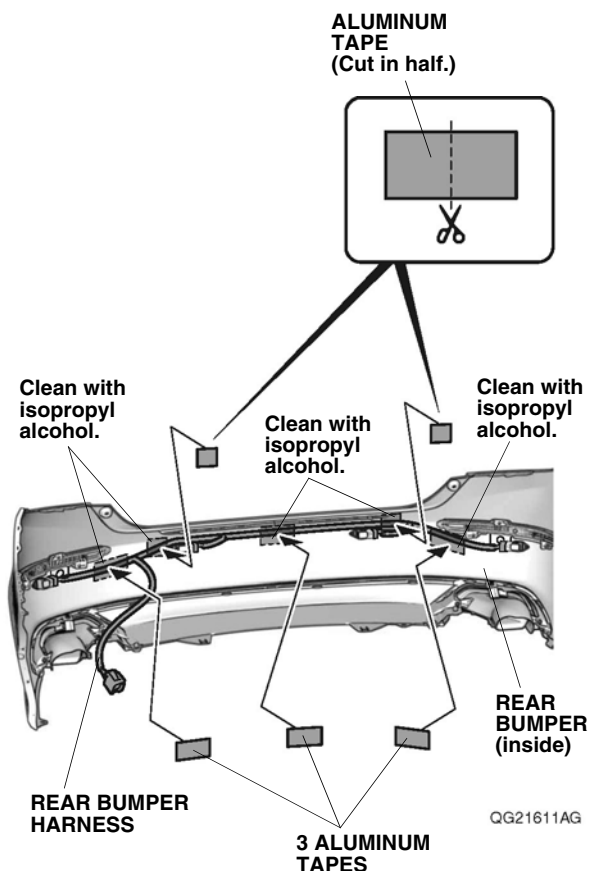


180. Plug the four rear bumper harness 6-pin connectors into the four sensors.



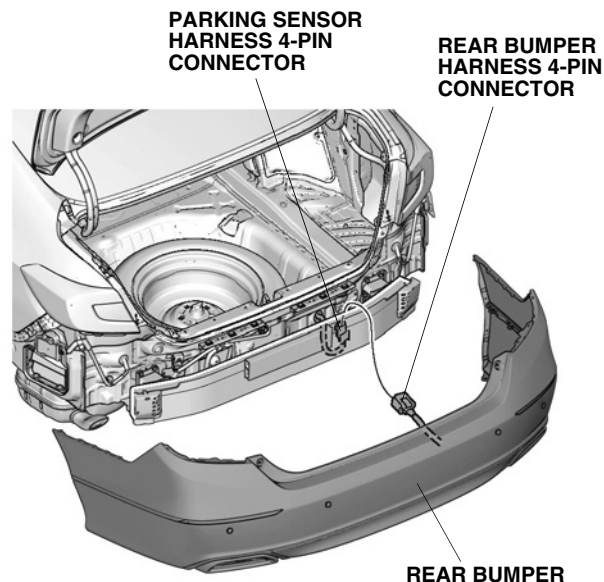
QG21610AG

181. Using isopropyl alcohol on a shop towel, thoroughly clean the rear bumper where the aluminum tape will attach.

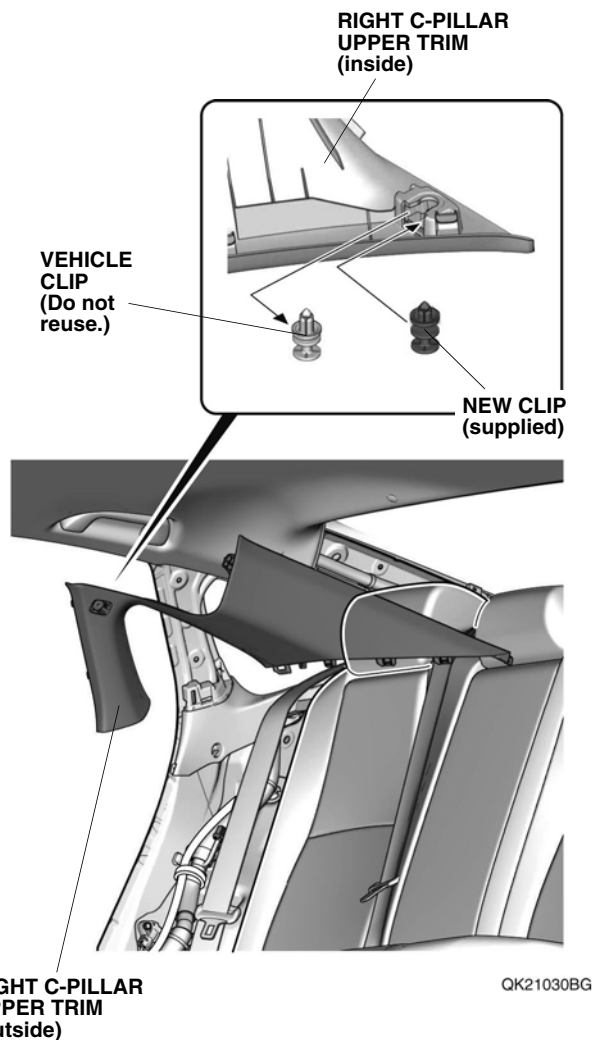


182. Using scissors, cut one piece of aluminum tape in half, and secure the rear bumper harness to the rear bumper with five pieces of aluminum tape as shown.

183. With the help of an assistant, bring the rear bumper close to the vehicle, and plug the rear bumper harness 4-pin connector into the parking sensor harness 4-pin connector. Install the rear bumper.



184. Install the right C-pillar lower trim. Remove the vehicle clip, and install the new clip to the right C-pillar upper trim.



185. Check the overlap between the headliner and the right C-pillar upper trim.
NOTE: Check and adjust the overlap as described in the service information.
186. Install the right C-pillar upper trim and cap.
NOTE: Make sure the side curtain airbag is not tucked under the clip. Do not push on the right C-pillar upper trim excessively.

187. Check that all wire harnesses are routed properly and that all connectors are plugged in.
188. Install all removed parts.
189. Connect the negative cable to the battery.
190. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.
191. Set the clock on vehicles without navigation.
192. If necessary, restore the systems back to normal operation as described in the service information.

Initial Settings of the Parking Sensors

193. Turn the headlight switch to OFF.
194. Turn the engine (power) switch to ON.
195. Press the parking sensor switch ten times in ten seconds.
196. Check that the indicator in the parking sensor switch flashes.
197. Turn the engine (power) switch to OFF.
198. Turn the engine (power) switch to ON while press the parking sensor switch. Hold the parking sensor switch for about ten seconds, and check that the buzzer beeps for 2 seconds.

Check the Operation of the Parking Sensors

NOTE:

- Perform at a flat place.
 - Perform while press on the foot brake.
199. Turn the engine (power) switch to ON.
200. Turn the parking sensor switch on and check that the indicator in the switch comes.
201. Release the parking brake, move the shift lever to R.

202. 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.

203. 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 differs from the actual position, repeat steps 193 through 198.

