

INSTALLATION INSTRUCTIONS

Accessory
PARKING SENSORS

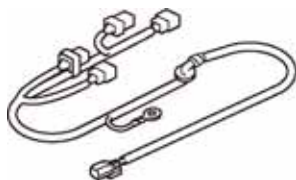
Application
2021 RDX

Publications No.
VERSION 1
Issue Date
JUN 2020

PARTS LIST

Parking Sensors Attachment Kit
P/N 08V67-TJB-200

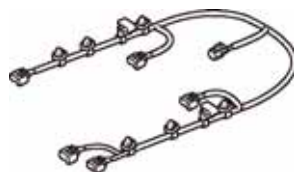
Parking sensor harness



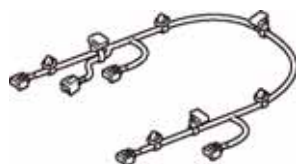
Subharness



Front bumper harness



Rear bumper harness



Control unit



Control unit bracket



Switch



14 Wire ties
(1 Not used)



2 Retainers A
(round)



2 Retainers B
(flat)



2 Alcohol wipes



Flange nut



Urethane tape



Clip



Sensors Kit
P/N 08V67-TJB-200J

4 Front sensors



2 Rear sensors A



2 Rear sensors B



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver

Small flat-tip screwdriver

10 mm Open end wrench

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

Shop towel

Drill

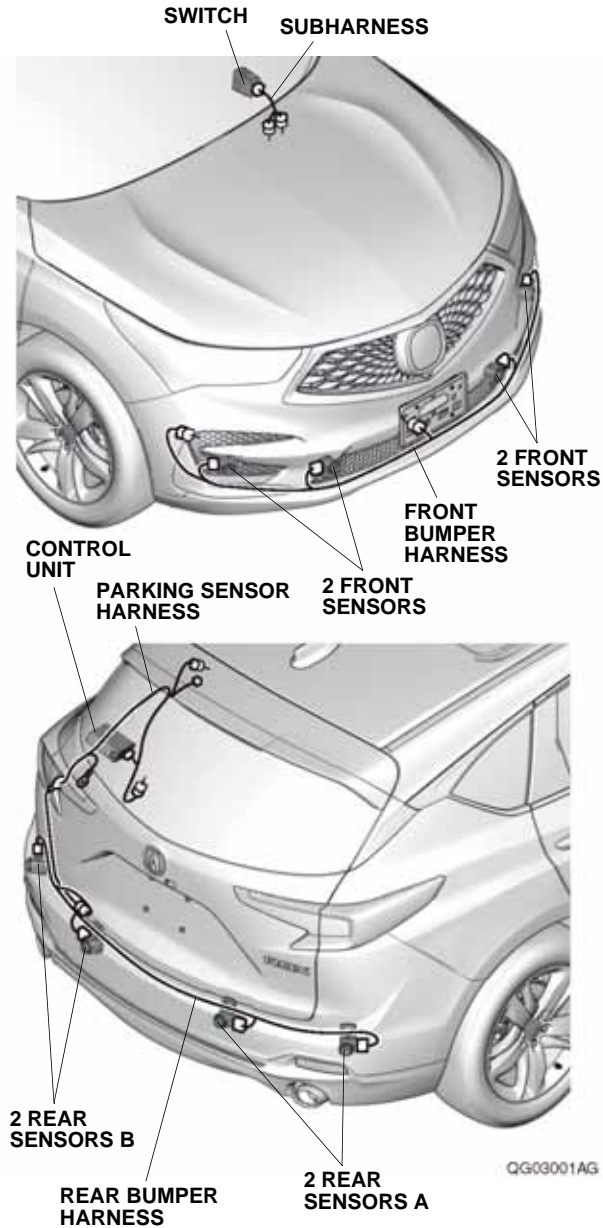
Diagonal cutters

Rubber mallet

The following tools are available through the Acura 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

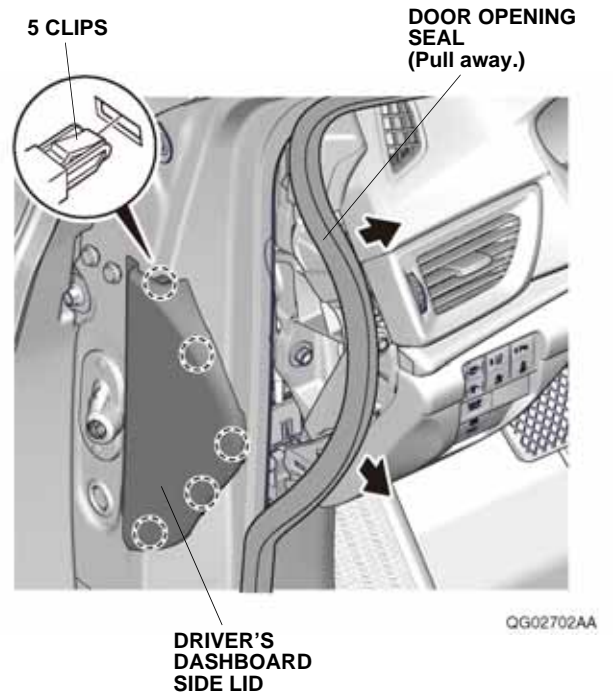


INSTALLATION

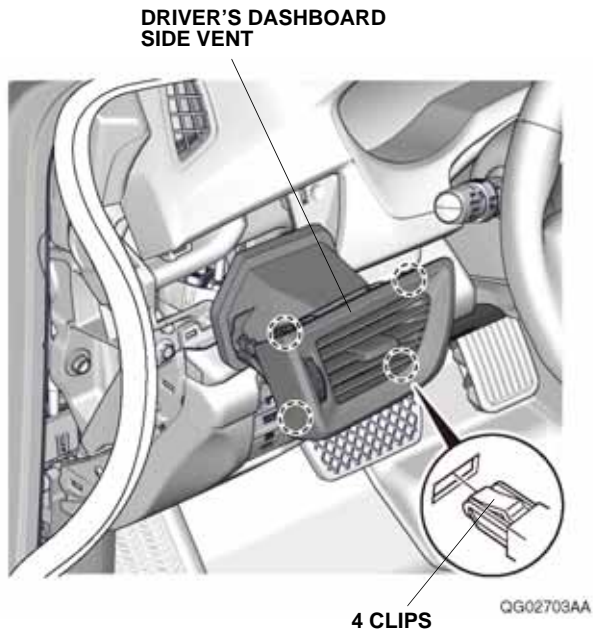
Client Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by “do-it-yourselfers.”

NOTE: If installing the fog lights kit, install the parking sensors kit first.

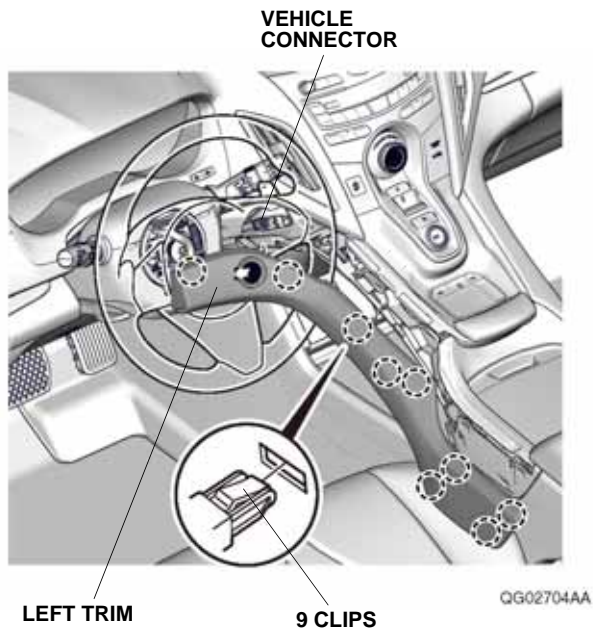
1. Disconnect the negative cable from the battery.
2. Pull away the door opening seal, and remove the driver's dashboard side lid.



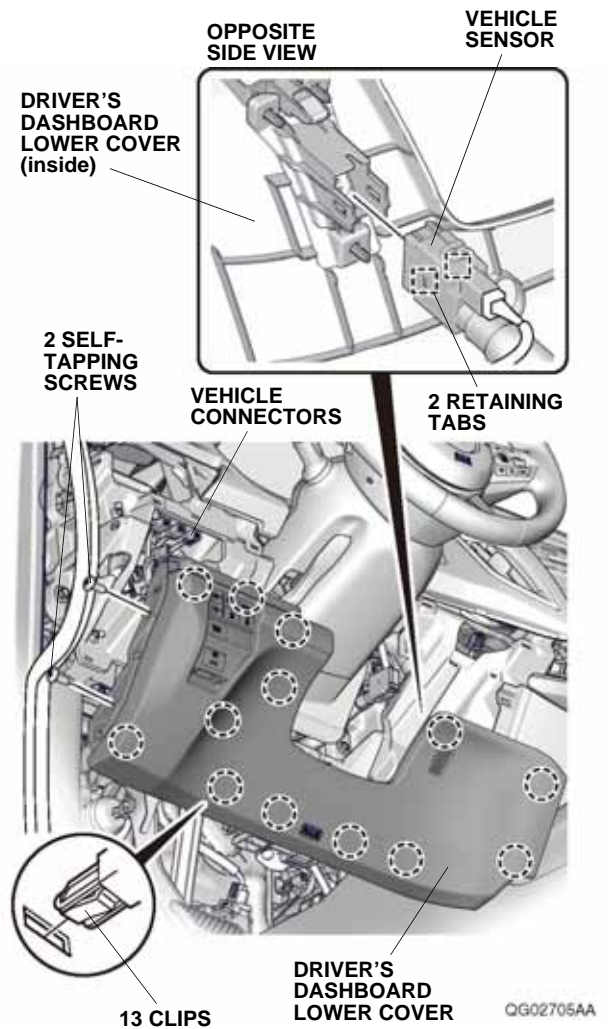
3. Remove the driver's dashboard side vent.



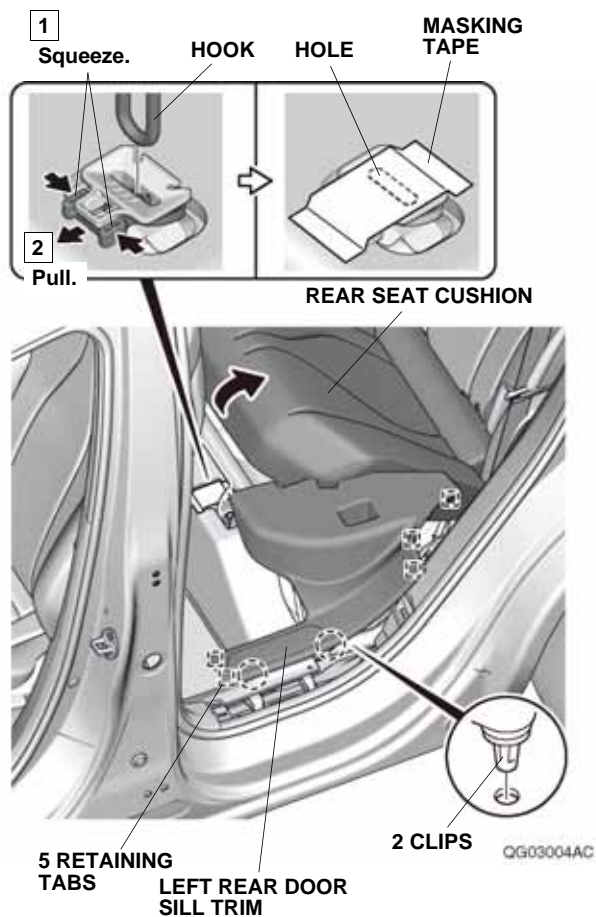
4. Remove the left trim, and unplug the vehicle connector.



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

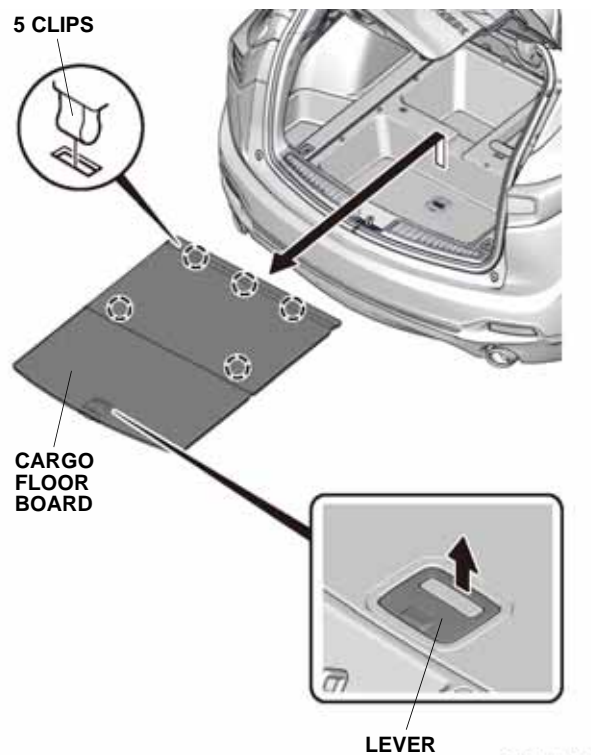


6. Release and pull up on the rear seat cushion.
NOTE: Place a piece of masking tape as shown to prevent the hook from engaging.

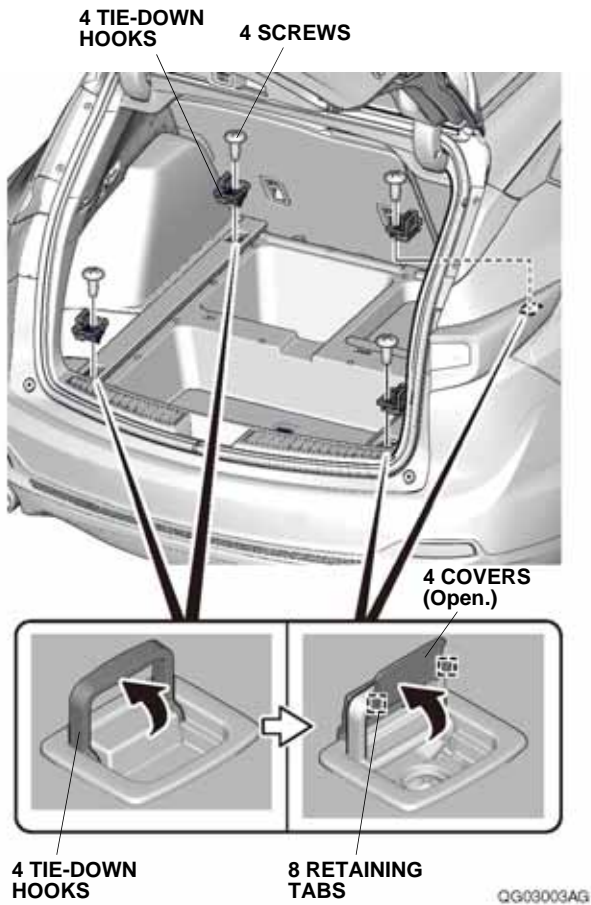


7. Remove the left rear door sill trim.

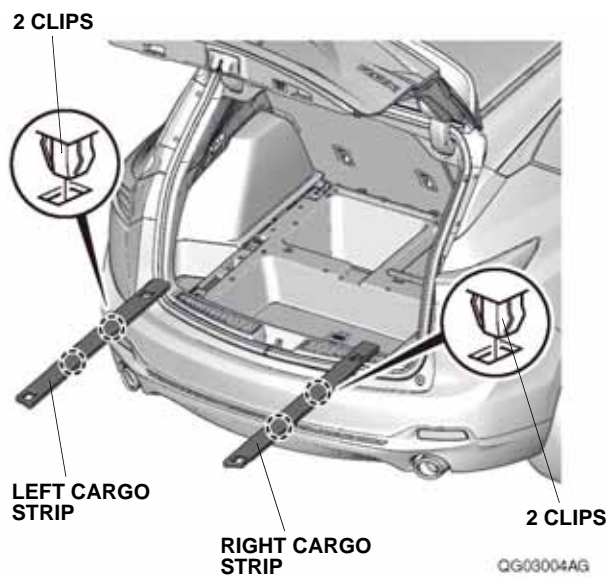
8. Remove the cargo floor board.



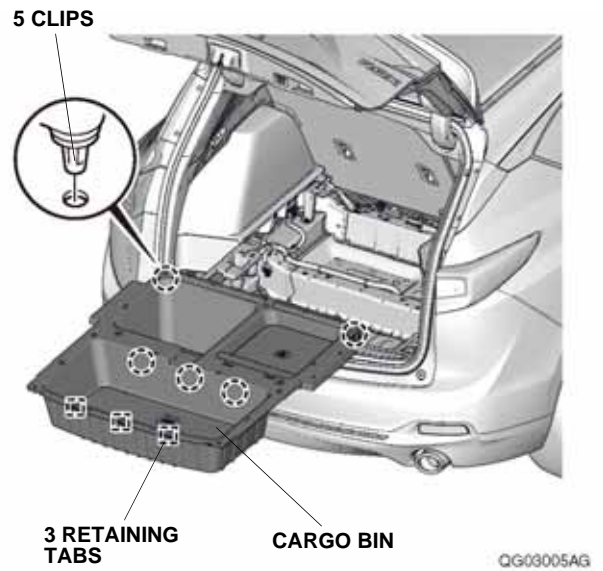
9. Remove the four tie-down hooks.



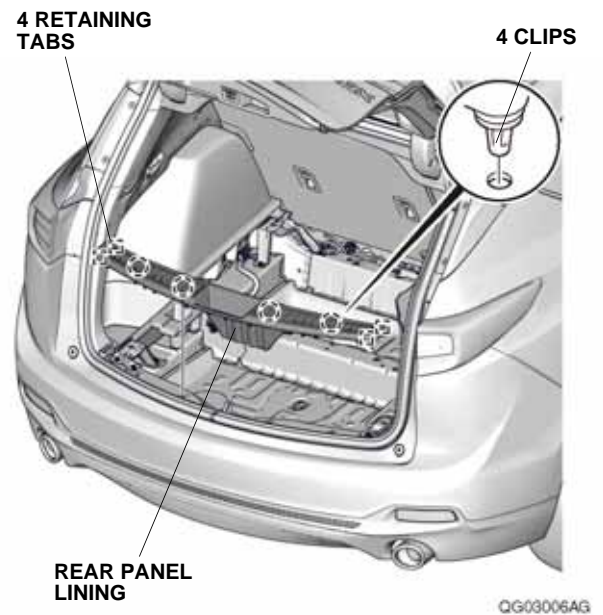
10. Remove the left and right cargo strips.



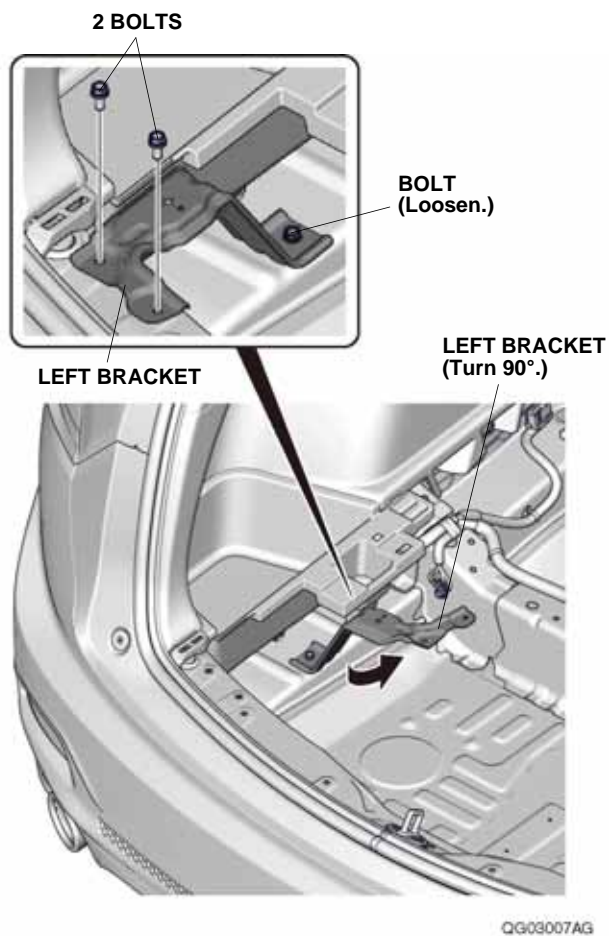
11. Remove the cargo bin.



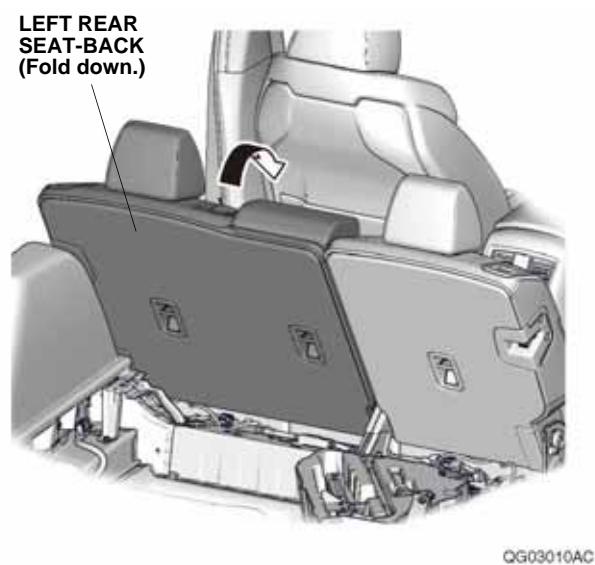
12. Remove the rear panel lining.



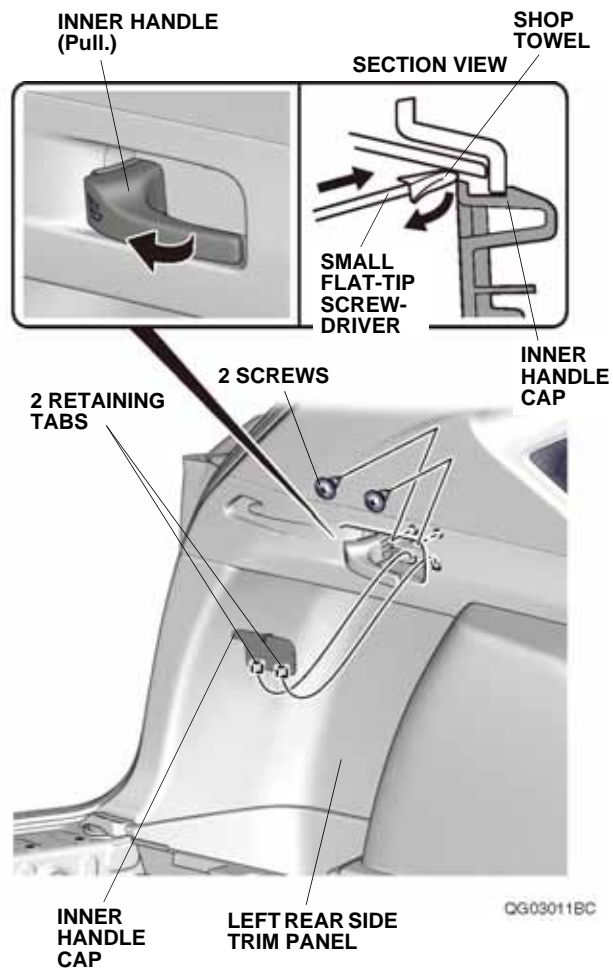
13. Remove the two bolts. Loosen the bolt, and turn the left bracket as shown.



14. Fold down the left rear seat-back.

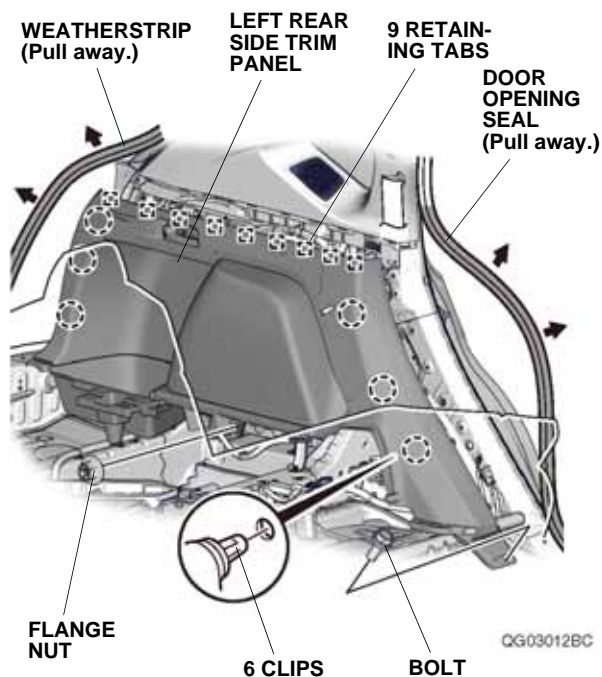


15. Gently pull the inner handle on the left rear side trim panel, and use a small flat-tip screwdriver wrapped with a shop towel to remove the inner handle cap.

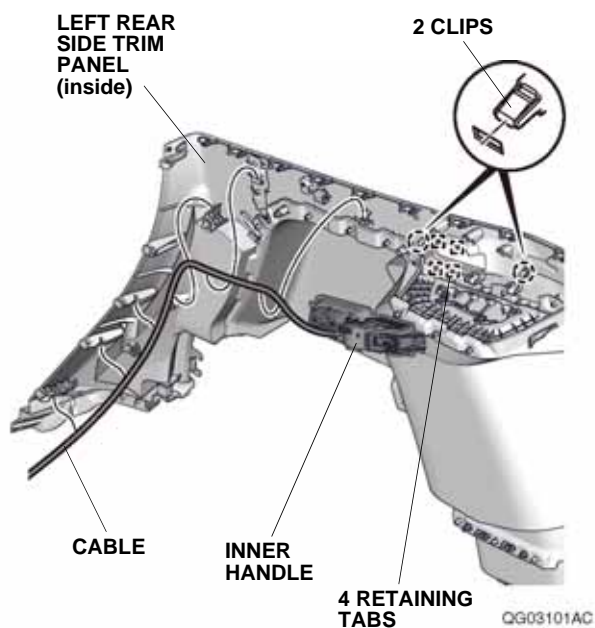


16. Remove the two screws from the left rear side trim panel.

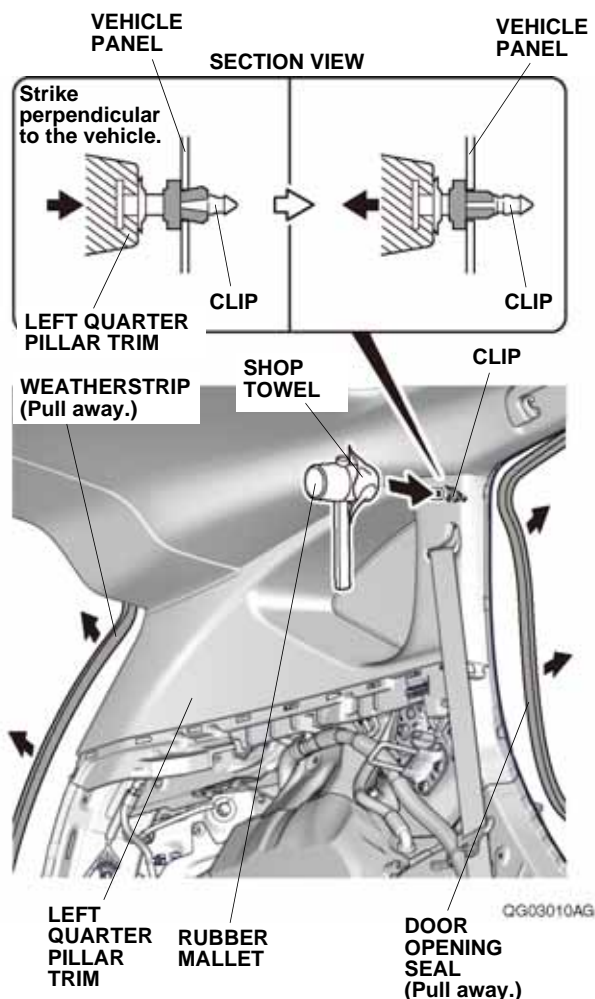
17. Pull away the door opening seal and weatherstrip from around the left rear side trim panel. Remove the trim panel.



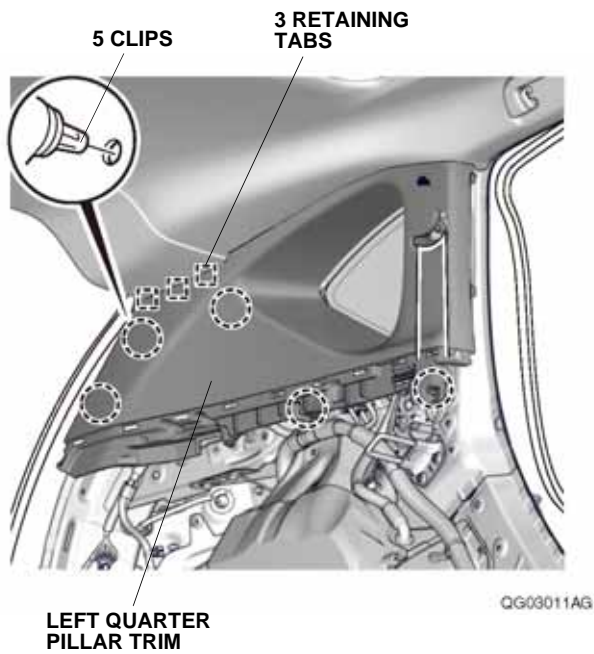
18. Release the cable from the left rear side trim panel, then remove the inner handle.



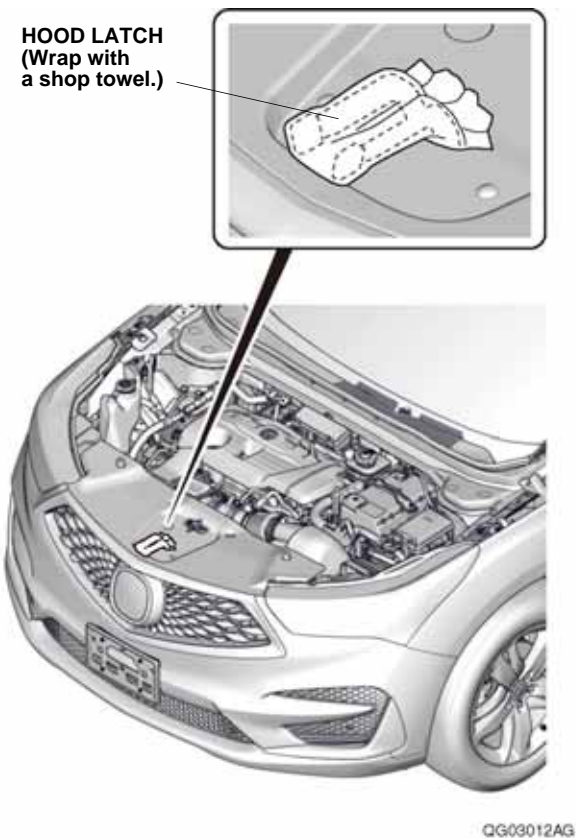
19. Pull away the door opening seal and weatherstrip from around the left quarter pillar trim.



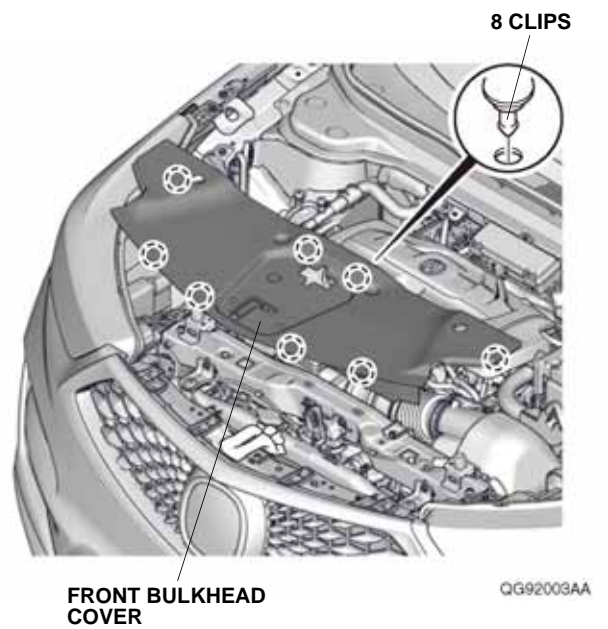
20. Using a rubber mallet wrapped with a shop towel, lightly tap the area marked **SIDE CURTAIN AIRBAG** on the left quarter pillar trim to push in the clip.
NOTE: Make sure to strike the area perpendicular to the vehicle.
21. Remove the left quarter pillar trim.



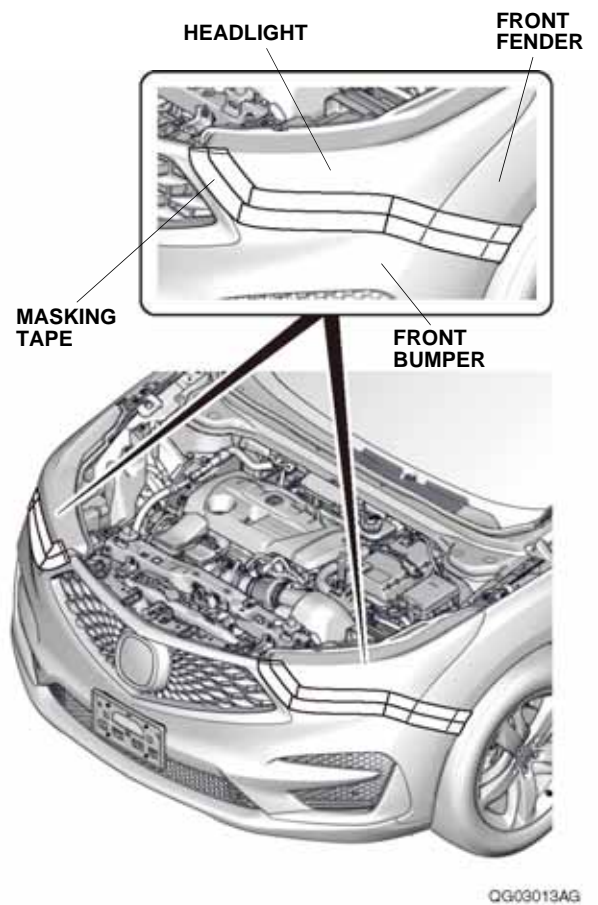
22. Wrap a shop towel around the hood latch.



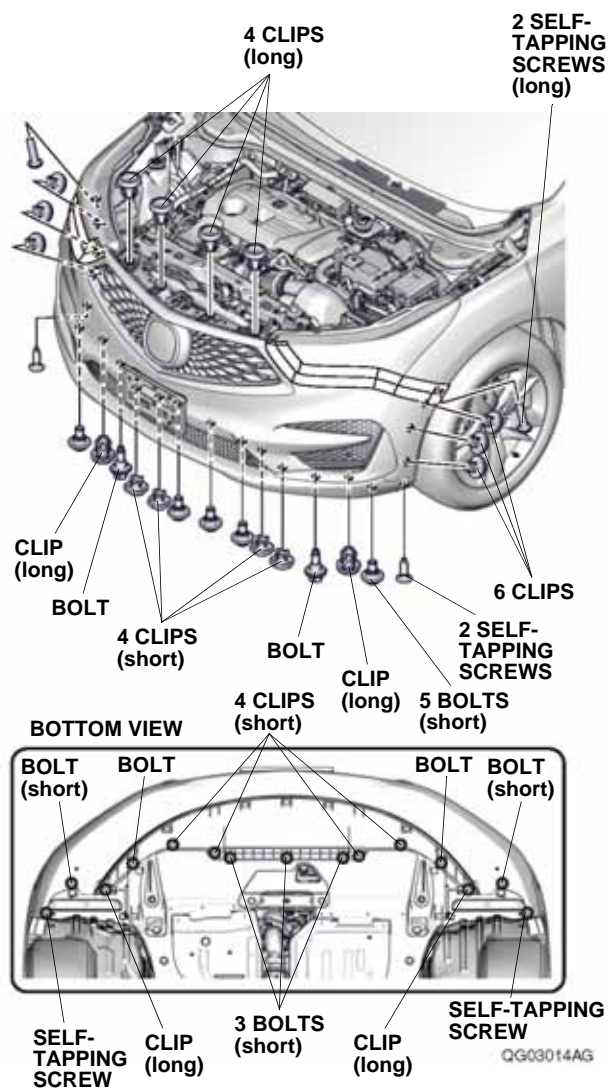
23. Remove the front bulkhead cover.



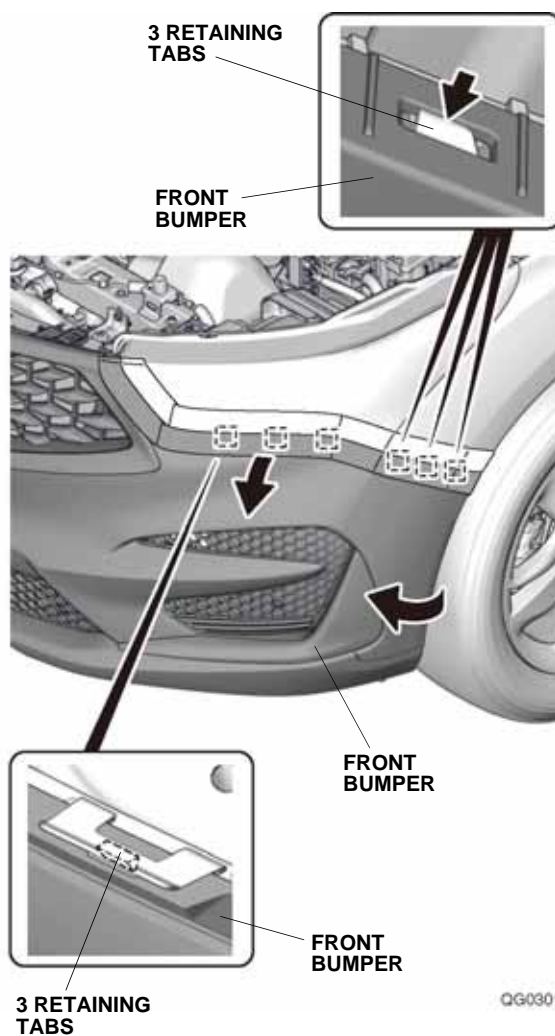
24. Remove the front bumper.
- Apply masking tape as shown.



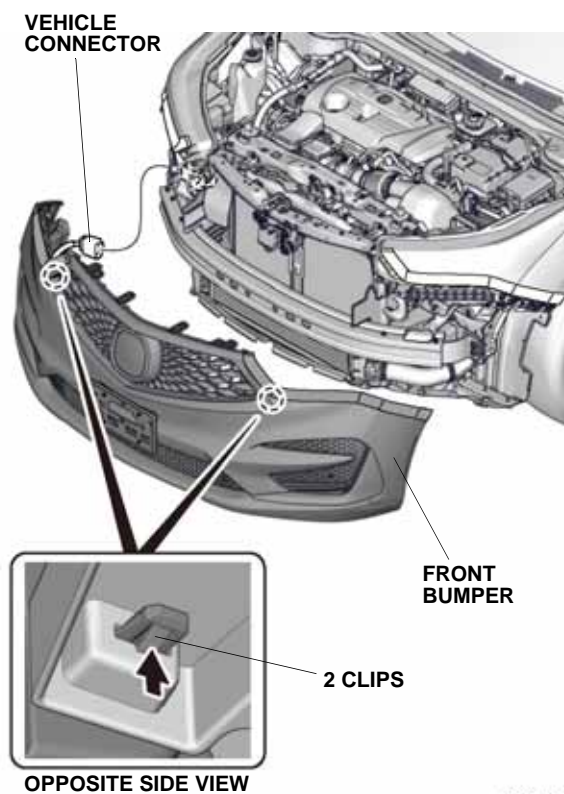
- Remove the two self-tapping screws (long), two self-tapping screws, six clips (long), six clips, four clips (short), five bolts (short), and two bolts as shown.



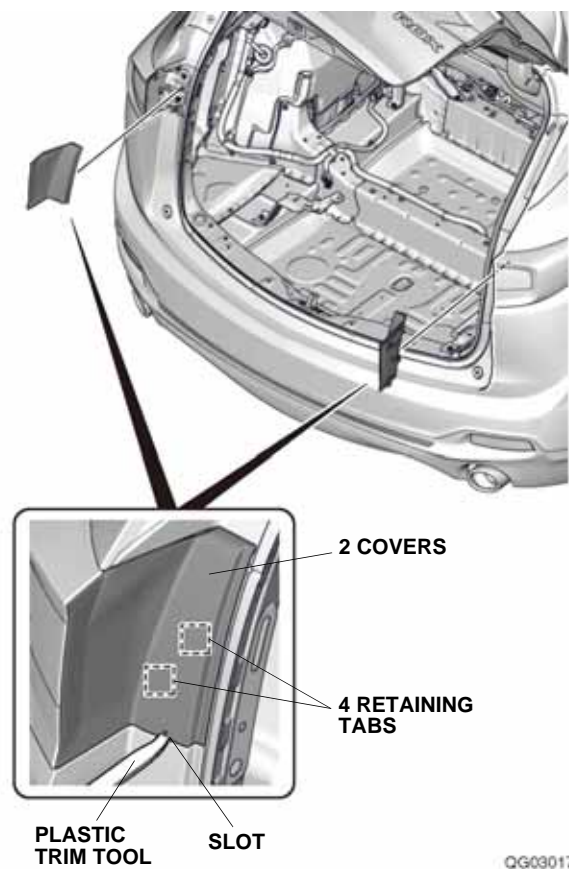
- With the help of an assistant, release the six retaining tabs on each side.



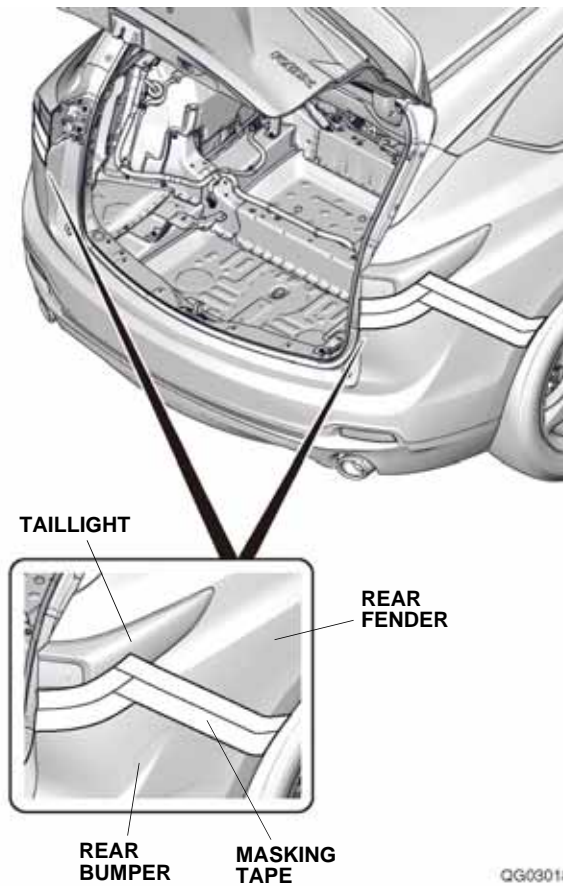
- With the help of an assistant, remove the front bumper and unplug the vehicle connector.
- Place the front bumper on a blanket.



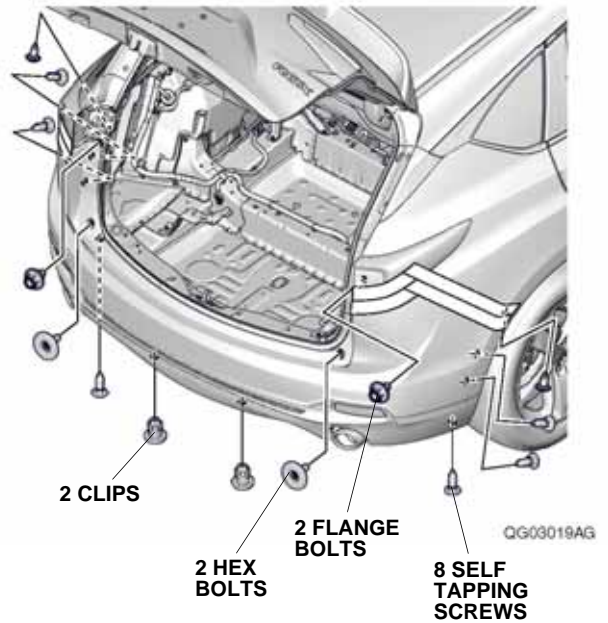
25. Remove the two covers.



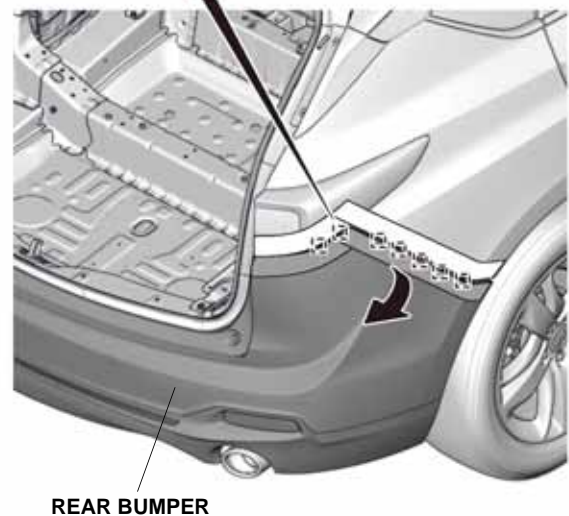
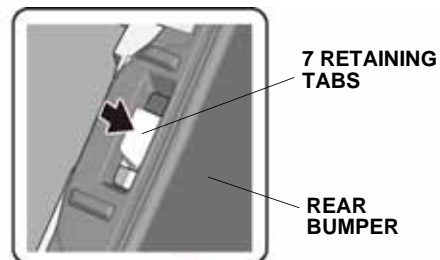
26. Remove the rear bumper.
- Apply masking tape as shown.



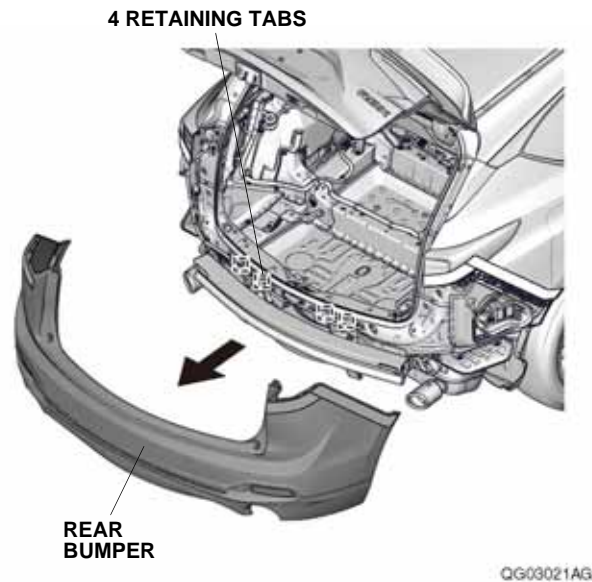
- Remove the two flange bolts, two hex bolts, eight self-tapping screws, and two clips as shown.



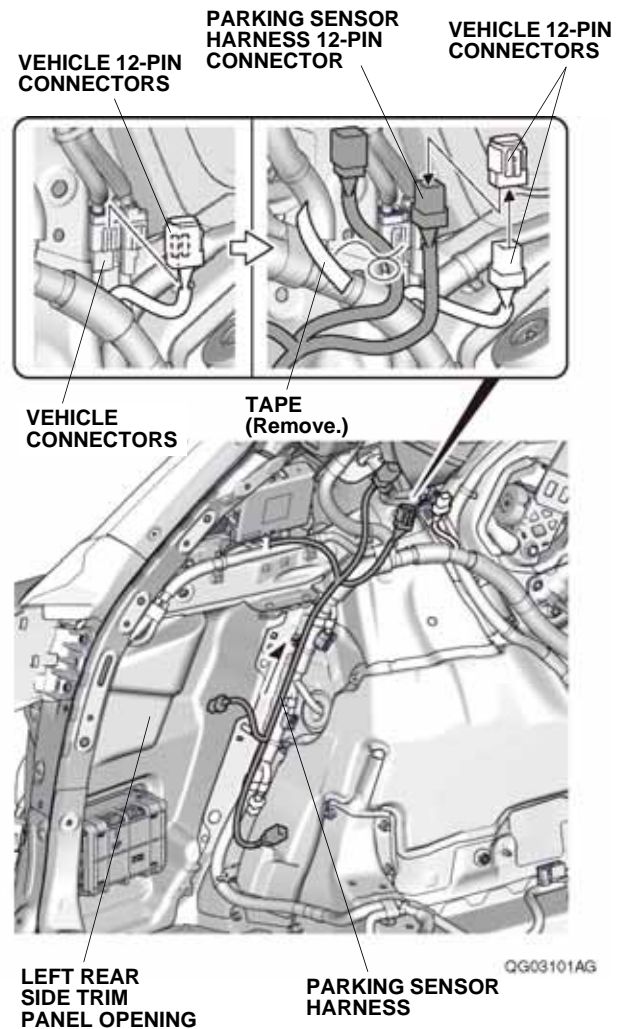
- With the help of an assistant, release the seven retaining tabs on each side.



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

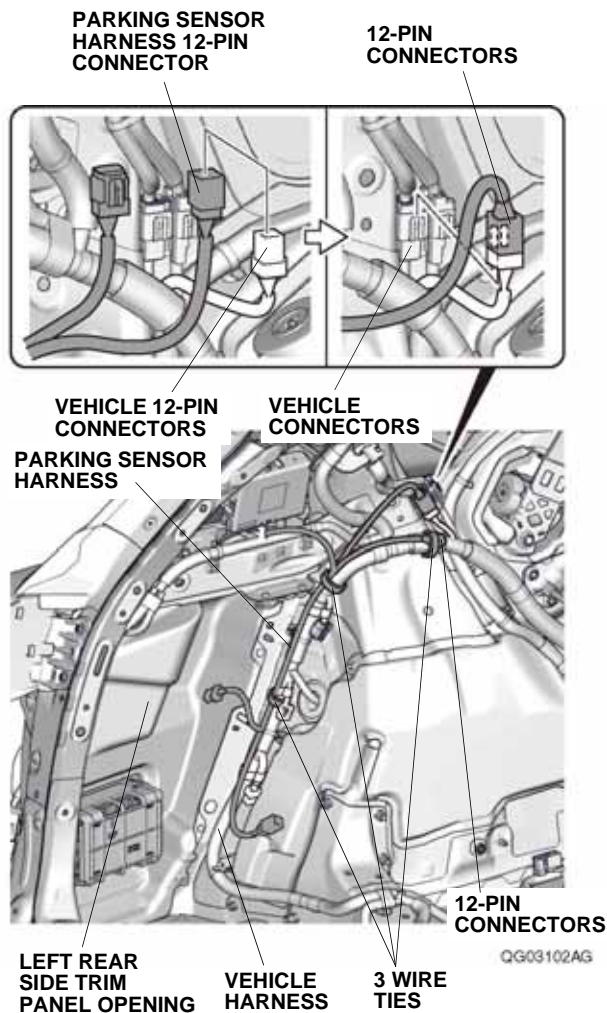


27. Release the vehicle 12-pin connectors from the vehicle connectors.



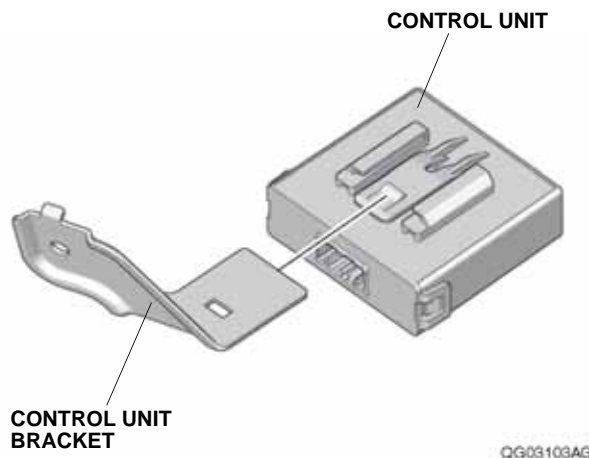
28. Route the parking sensor harness up along the vehicle harness, and remove the tape to free the parking sensor harness 12-pin connector.
29. Unplug the vehicle 12-pin connector, and plug it into the parking sensor harness 12-pin connector.

30. Plug the vehicle 12-pin connector into the parking sensor harness 12-pin connector. Secure the 12-pin connectors to the vehicle connectors as shown.

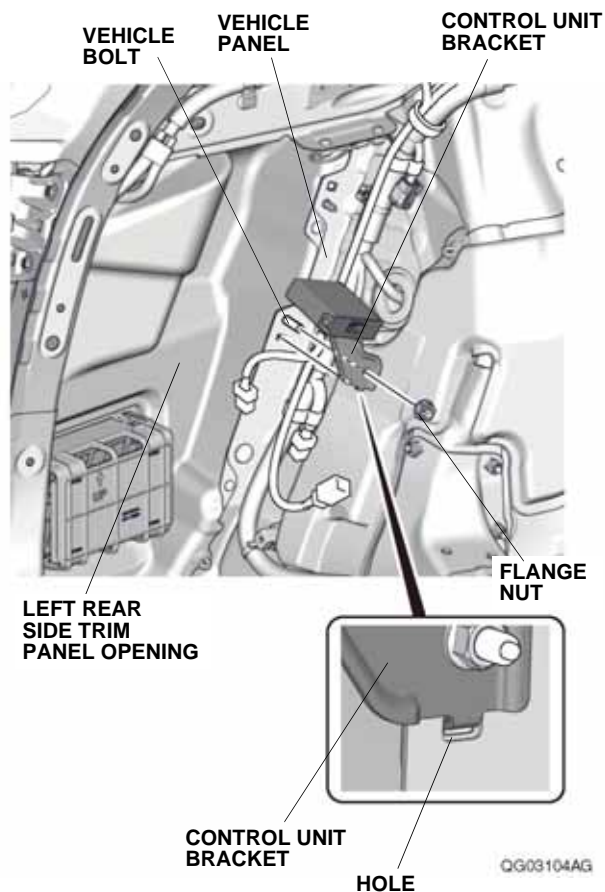


31. Secure the parking sensor harness and 12-pin connectors to the vehicle harness with three wire ties.

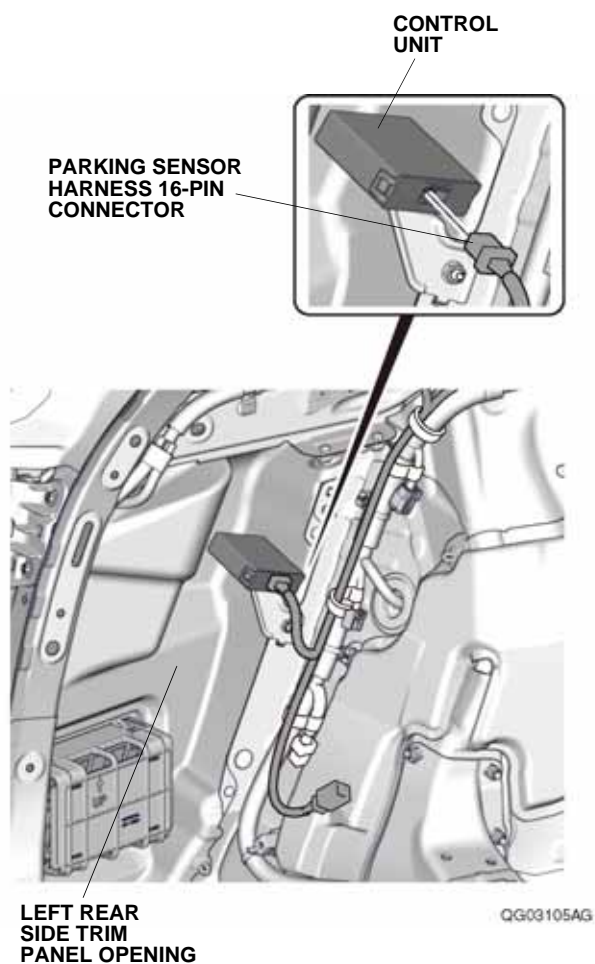
32. Install the control unit bracket to the control unit.



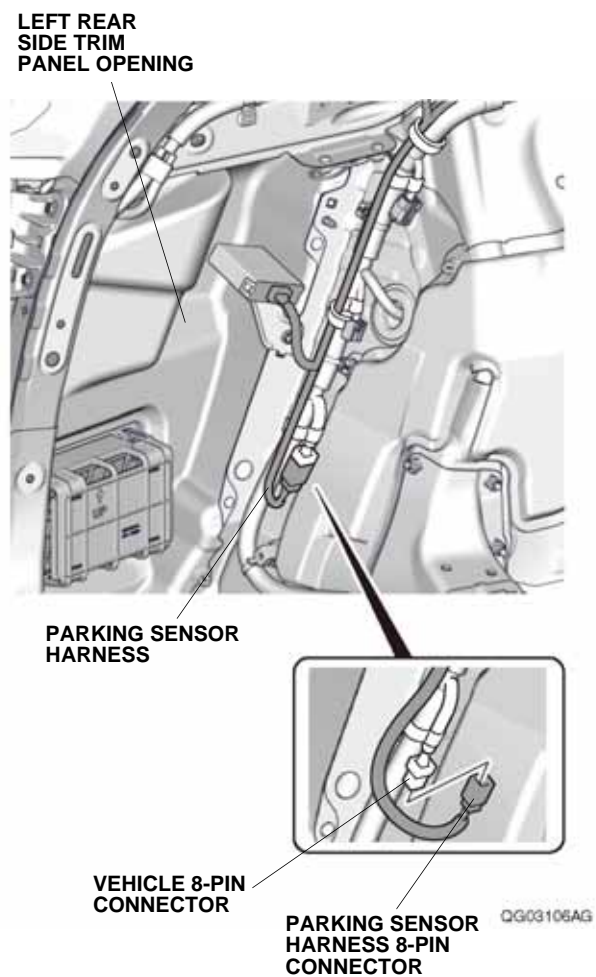
33. Install the control unit to the vehicle panel with one flange nut as shown.



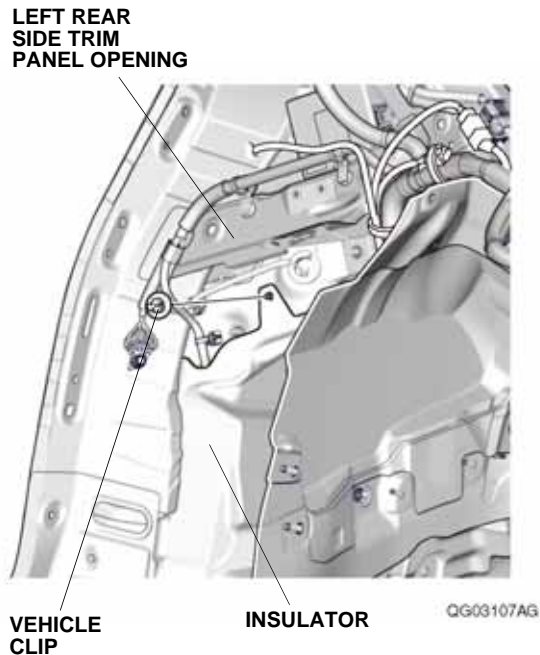
34. Plug the parking sensor harness 16-pin connector into the control unit.



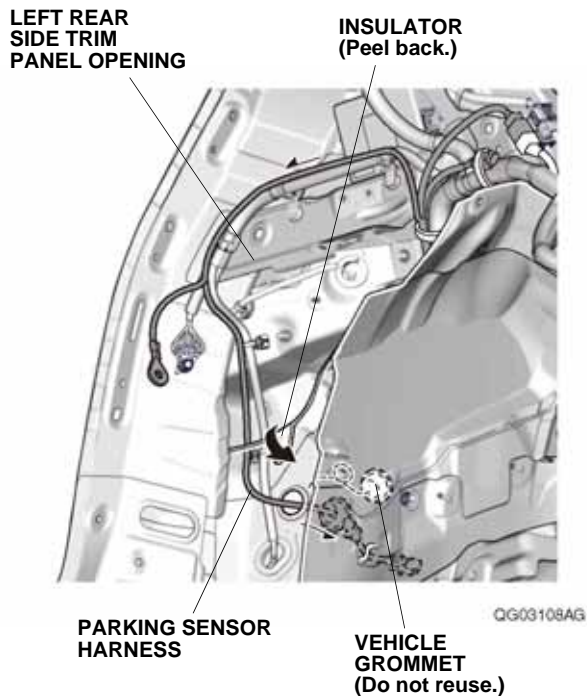
35. Plug the parking sensor harness 8-pin connector into the vehicle 8-pin connector.



36. Remove the vehicle clip.



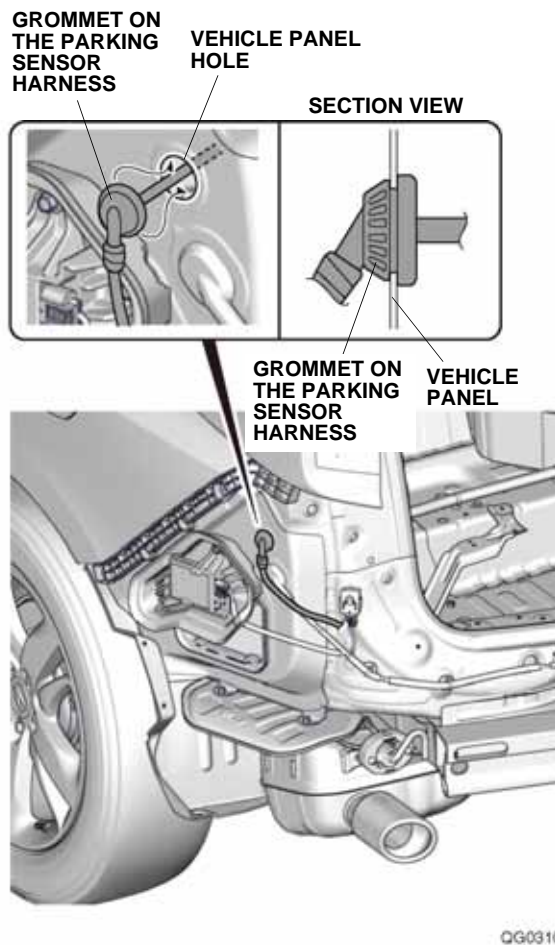
37. Peel back the insulator, and remove the vehicle grommet. Route the parking sensor harness through the vehicle panel hole as shown.



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

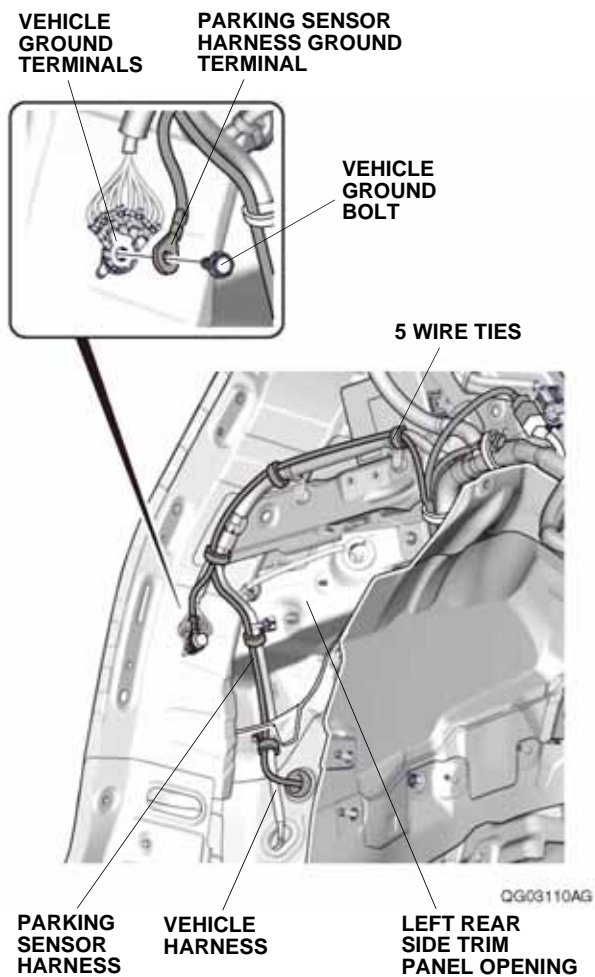
NOTE:

- While holding the grommet carefully insert it into the vehicle panel hole, and make sure it is seated properly.
- Do not pull on the socket or harness when installing the grommet.



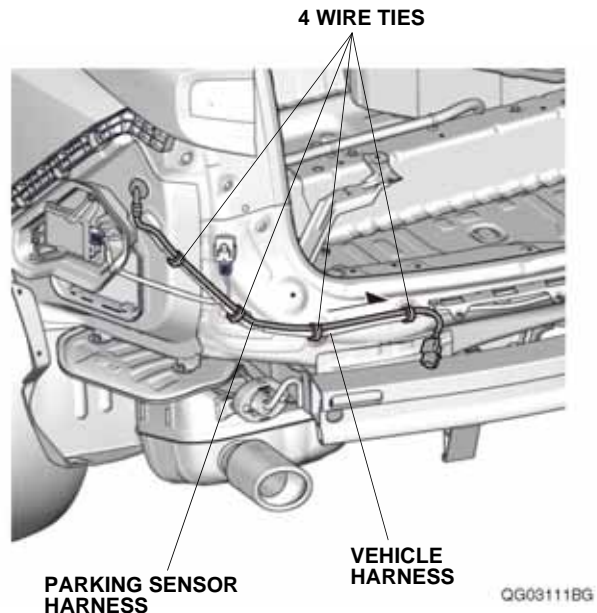
39. Remove the vehicle ground bolt, and secure the parking sensor harness ground terminal using that bolt.

NOTE: Do not put the ground terminal callings on top of one another.

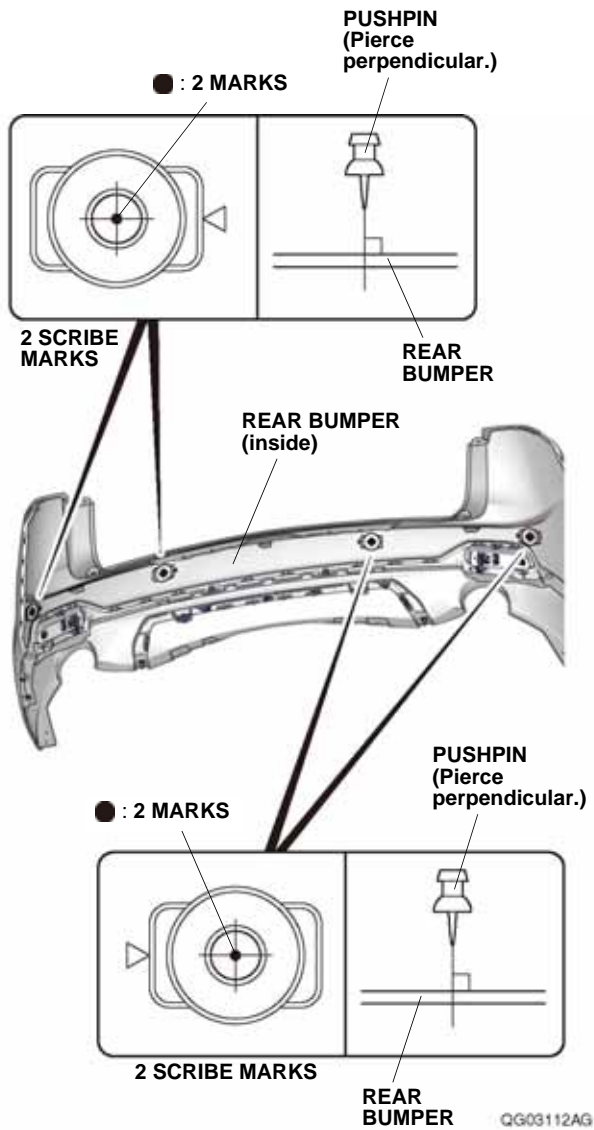


40. Secure the parking sensor harness to the vehicle harness with five wire ties.

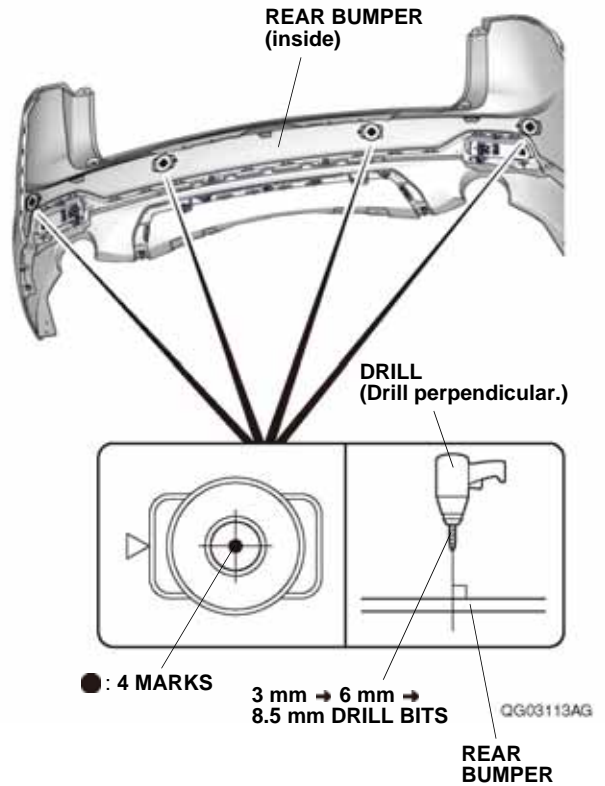
41. Route the parking sensor harness along the vehicle harness, and secure it to the vehicle harness with four wire ties.



42. Using a pushpin, pierce the rear bumper at the center of the four scribe marks.
NOTE: Make sure to pierce perpendicular to the rear bumper.



43. 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.

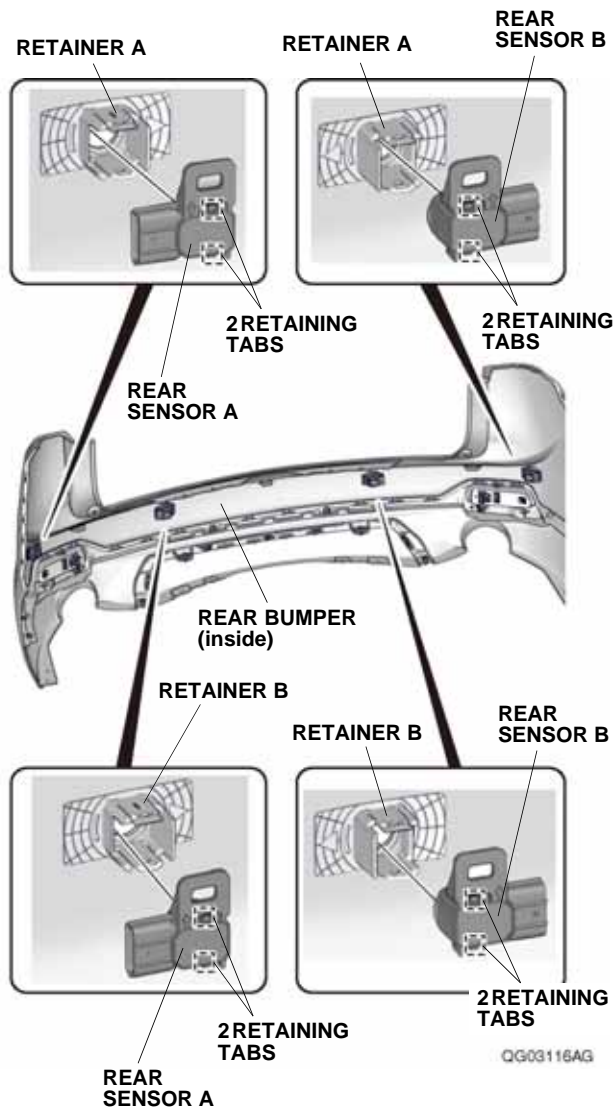


-
- SECTION VIEW**
- OUTSIDE** **INSIDE**
- 16 mm PUNCH TOOL (FEMALE)**
- REAR BUMPER (inside)**
- 16 mm PUNCH TOOL (MALE)**
- Punch out.**
- Punch out.**
- Punch out.**
- Punch out.**
- 16 mm PUNCH TOOL (MALE)**
- 4 HOLES**
- Clockwise.**
- Counterclockwise.**
- 16 mm PUNCH TOOL (FEMALE)**
- OPEN END WRENCH**
- QG03114AG

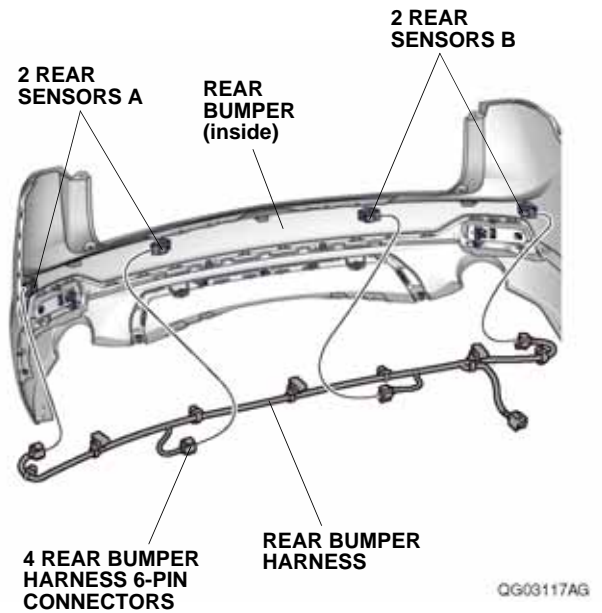
- [illegible]

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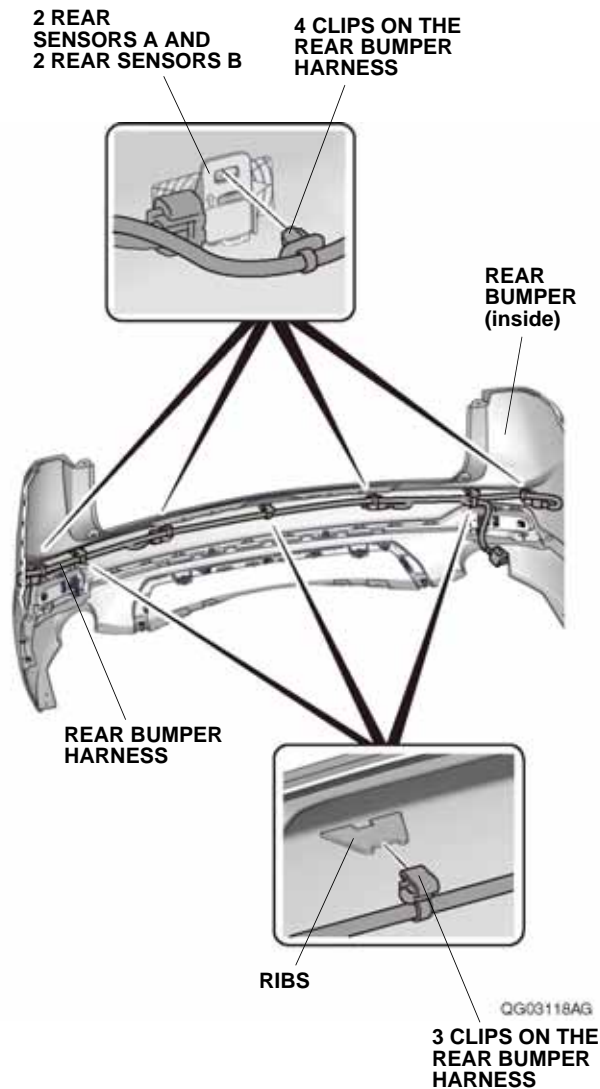
47. Install the two rear sensors A and two rear sensors B to the two retainers A and two retainers B.
NOTE: Make sure to install the sensors in the correct position.



48. Plug the four rear bumper harness 6-pin connectors into the two rear sensors A and two rear sensors B.

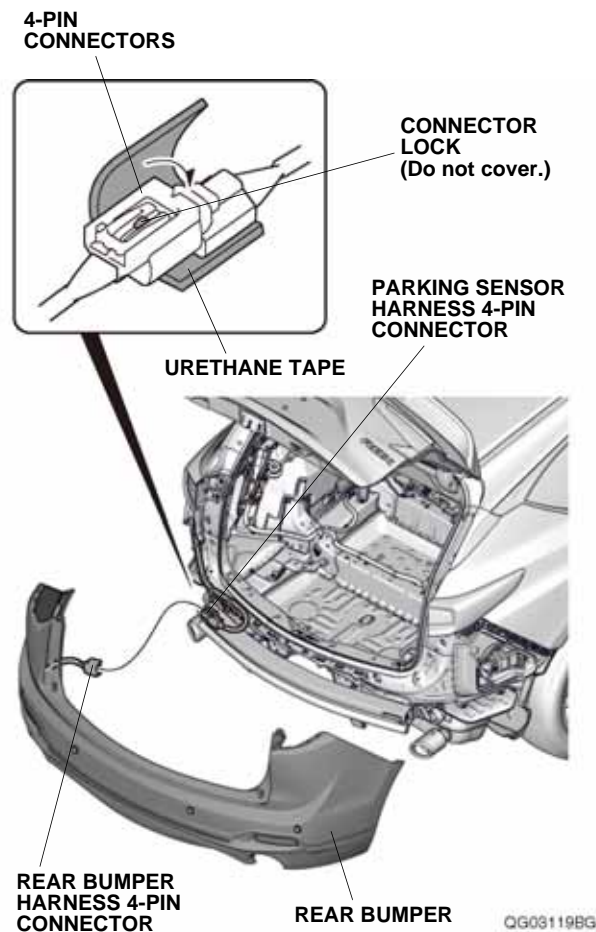


49. Secure the rear bumper harness to the two rear sensors A and two rear sensors B with four clips on the rear bumper harness as shown.



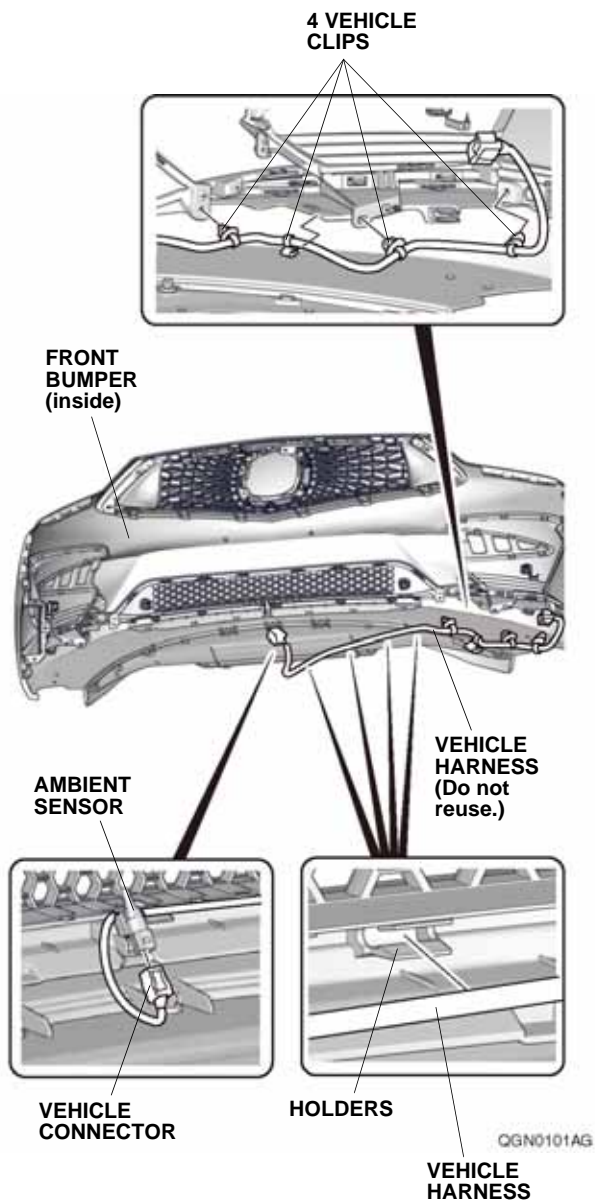
50. Secure the rear bumper harness to the ribs on the rear bumper with the three clips on the rear bumper harness as shown.

51. 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.

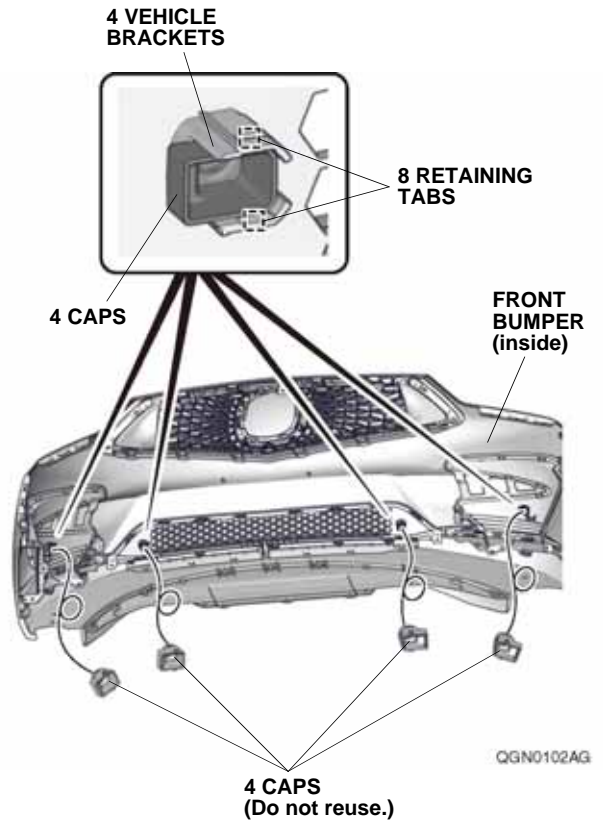


52. Wrap the urethane tape around the 4-pin connectors as shown. Install the rear bumper.

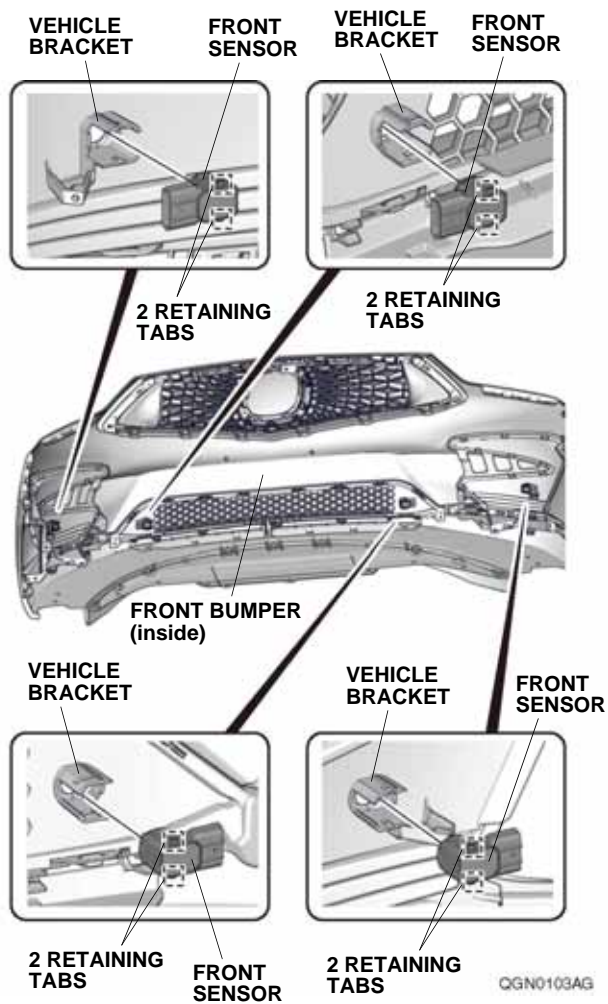
53. Release the vehicle harness from the front bumper as shown. Unplug the vehicle connector.



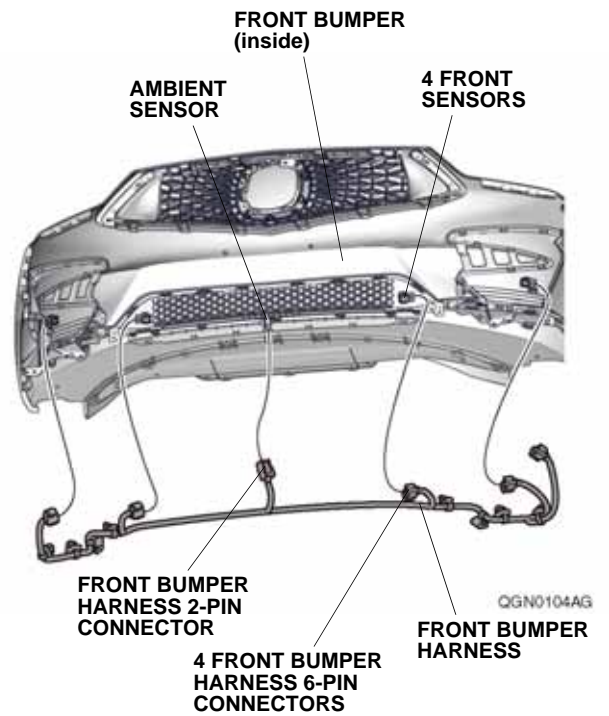
54. Remove the four caps from the four vehicle brackets.



55. Install the four front sensors to the four vehicle brackets.

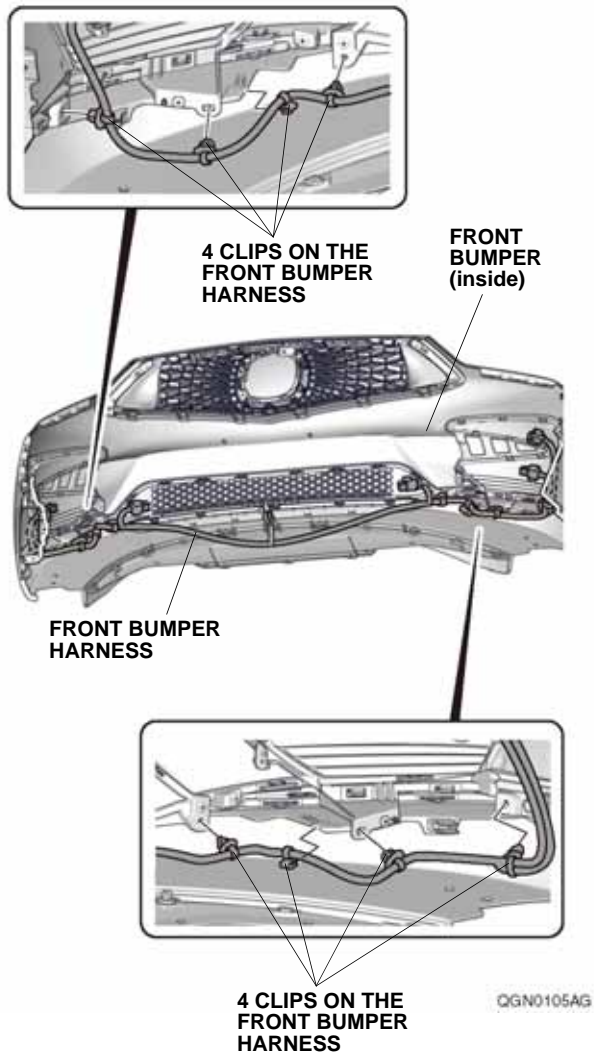


56. Plug the front bumper harness 2-pin connector into the ambient sensor.

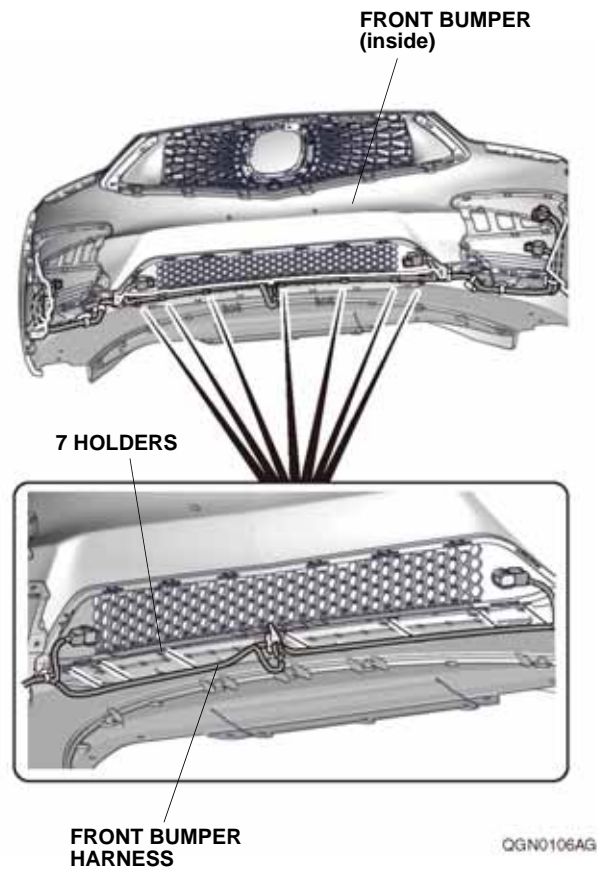


57. Plug the four front bumper harness 6-pin connectors into the four front sensors as shown.

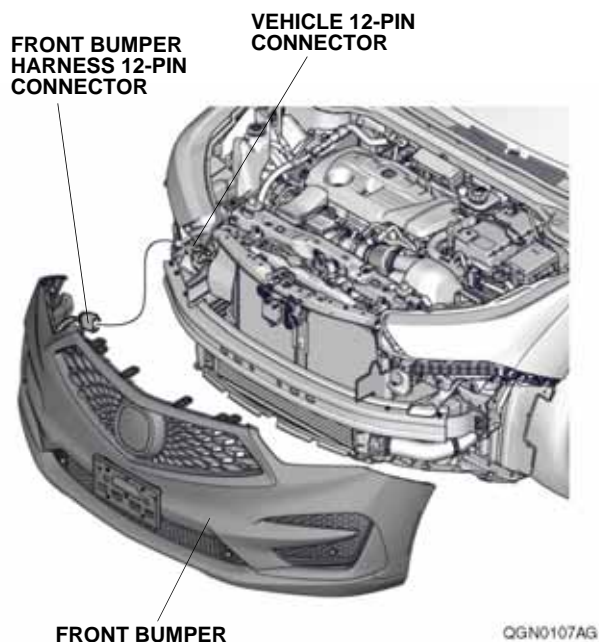
58. Secure the front bumper harness to the front bumper with the eight clips on the front bumper harness as shown.



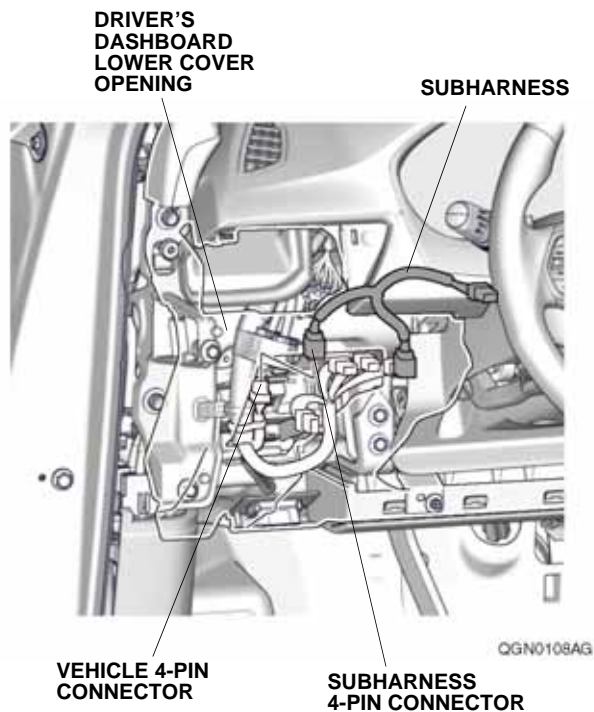
59. Secure the front bumper harness to the front bumper with the seven holders as shown.



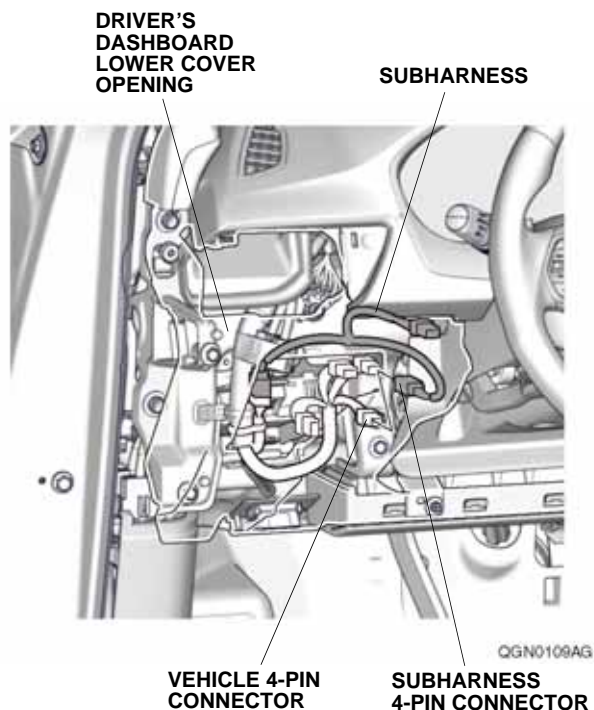
60. With the help of an assistant, bring the front bumper close to the vehicle, and plug the front bumper harness 12-pin connector into the vehicle 12-pin connector as shown. Install the front bumper.



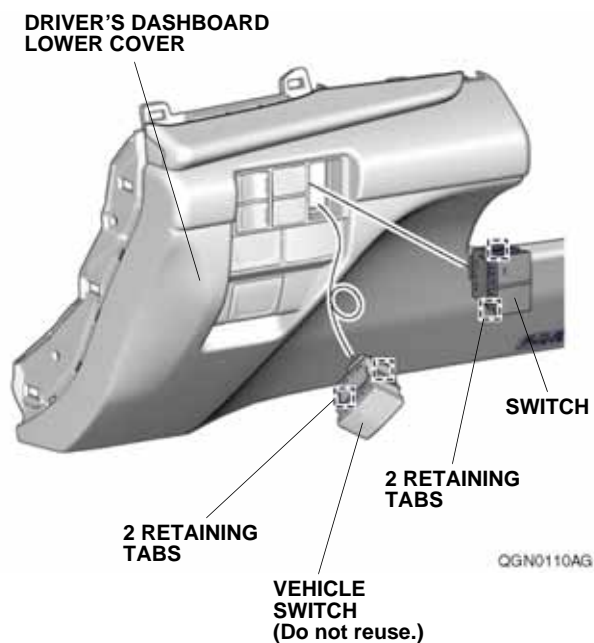
61. Plug the subharness 4-pin connector into the vehicle 4-pin connector.



62. Plug the subharness 4-pin connector into the vehicle 4-pin connector.

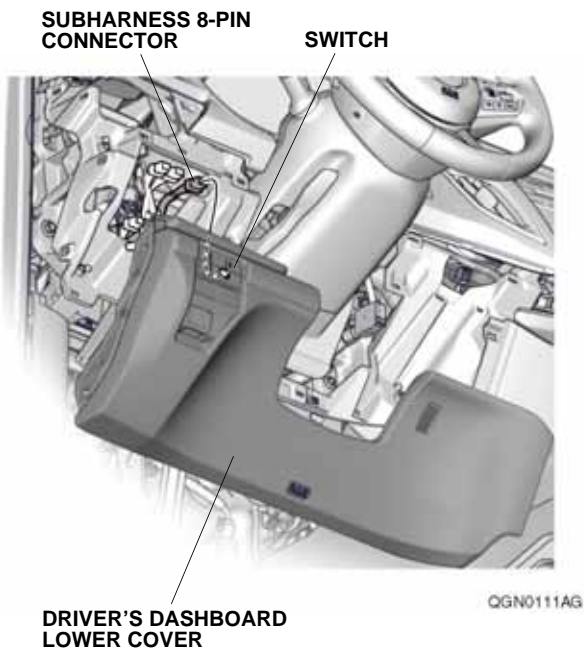


63. Remove the vehicle switch from the driver's dashboard lower cover.

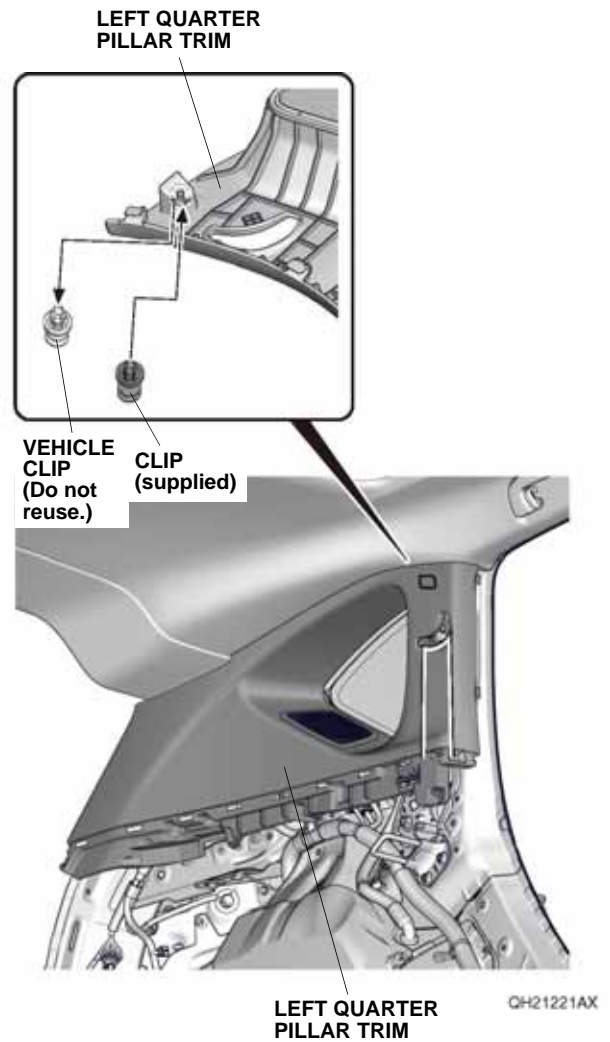


64. Install the switch to the driver's dashboard lower cover.

65. Plug the subharness 8-pin connector into the switch. Install the driver's dashboard lower cover.



66. Remove the vehicle clip, and install the clip to the left quarter pillar trim.



67. Check the overlap between the headliner and the left quarter pillar trim.
NOTE: Check and adjust the overlap as described in the service information.
68. Install the left quarter pillar trim.
NOTE:
- Make sure the side curtain airbag is not tucked under the clip.
 - Do not push the left quarter pillar trim excessively.

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

Check the Operation of the Parking Sensors

75. Make sure the parking sensors work properly as described in the online owner's manual.