



# HONDA INSTALLATION INSTRUCTIONS

Accessory  
**BACKUP SENSOR KIT**

Application  
**2015 CR-V**

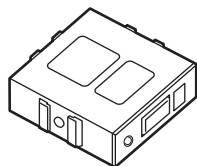
Publications No.  
**VERSION 2**

Issue Date  
**DEC 2014**

## PARTS LIST

**Backup Sensors Attachment Kit**  
**P/N 08V67-T0A-100A**

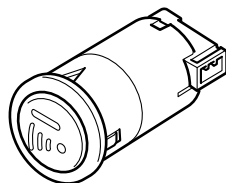
Control unit



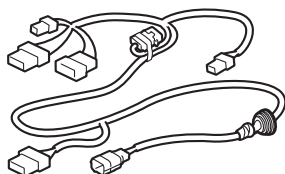
Buzzer



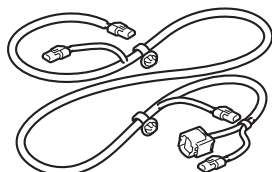
Switch



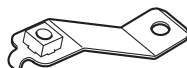
Backup sensor harness



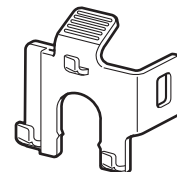
Subharness



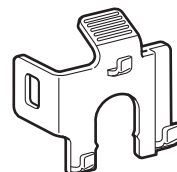
Control unit bracket



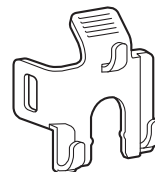
Left corner sensor clip (Black)



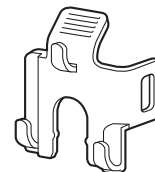
Right corner sensor clip (White)



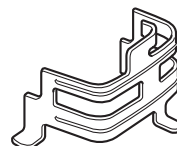
Left center sensor clip (Brown)



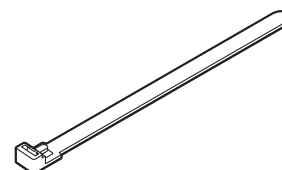
Right center sensor clip (Red)



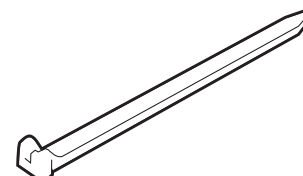
Switch bracket



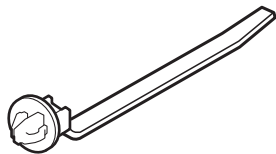
5 Wire ties  
(Some may not be used)



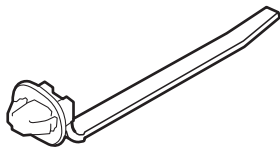
Narrow wire tie



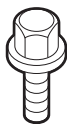
3 Wire ties with clip A



Wire tie with clip B



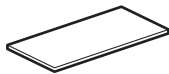
Flange bolt



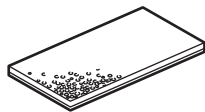
Fuse label



7 Aluminum tapes



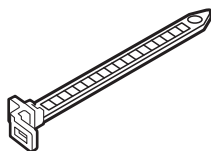
2 Urethane tapes



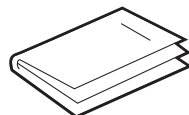
Clip



Wire tie with holder



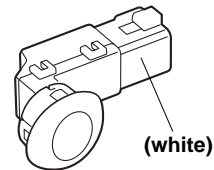
Accessory user's information manual



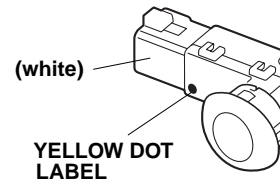
**Backup Sensors**

NOTE: Refer to Parts Information Bulletin (PIB) for the proper color sensors.

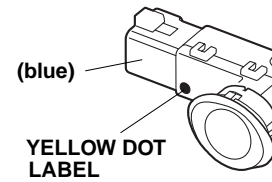
Left corner sensor



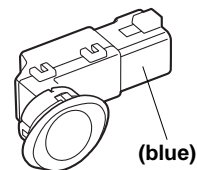
Right corner sensor



Left center sensor



Right center sensor



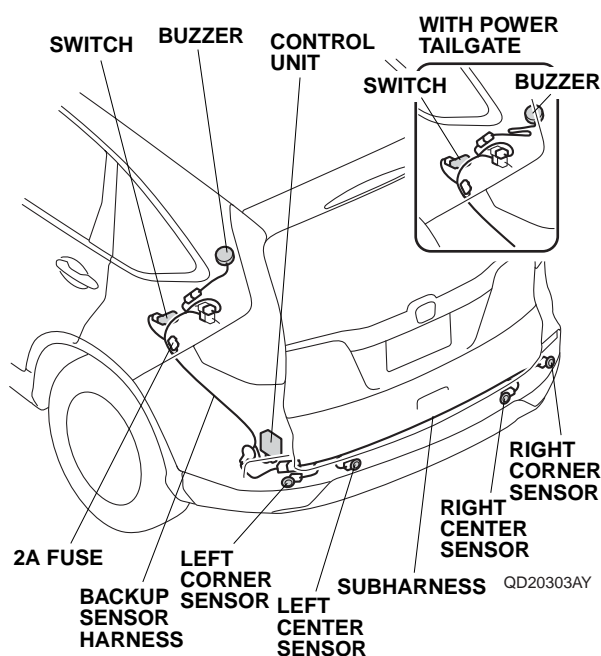
## TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver  
Small flat-tip screwdriver  
10 mm Open end wrench  
10 mm and 14 mm Sockets  
Push pin  
Ratchet  
3 mm Drill bit  
Eye protection (face shield, safety goggles, etc.)  
File  
Scissors  
Ruler  
Blanket  
Isopropyl alcohol  
Shop towel  
24 mm and 26 mm Hole saws  
Drill  
Tape  
Diagonal cutters  
Felt-tip pen  
Utility knife  
Rubber mallet

*The following tool is 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)

### **Illustration of the Backup Sensors Installed on the Vehicle**

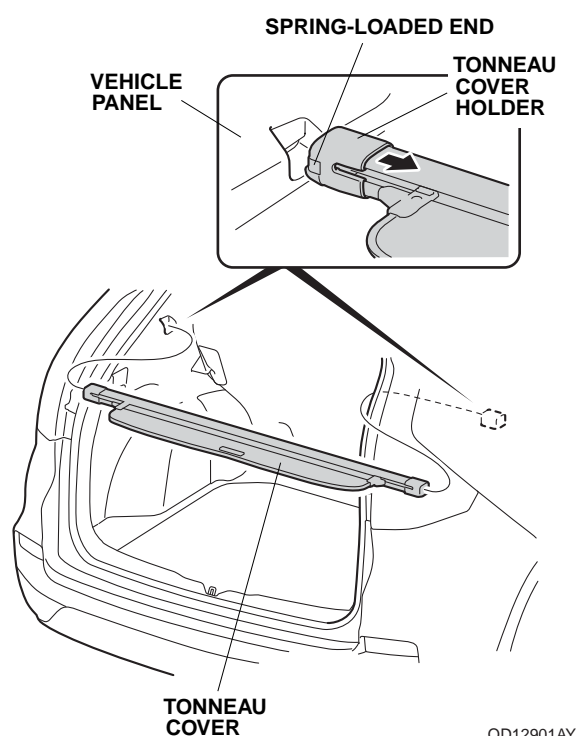


## INSTALLATION

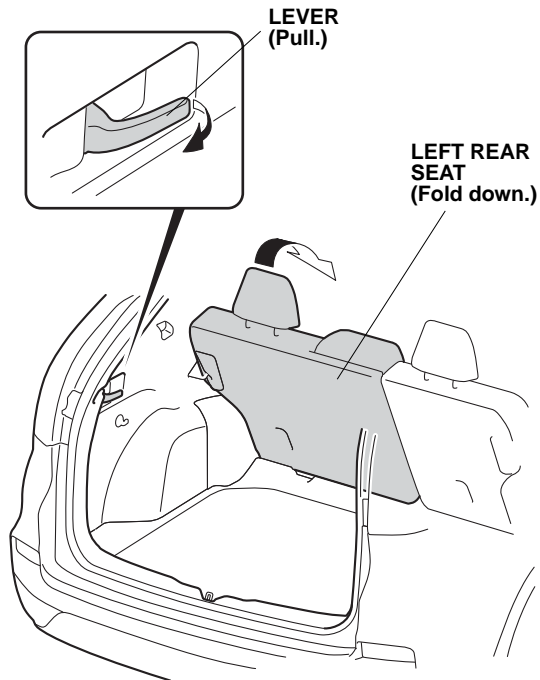
**Customer Information:** The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

**NOTE:** Refer to Parts Information Bulletin (PIB) for the proper color sensors.

1. Disconnect the negative cable from the battery.
2. If equipped, remove the tonneau cover (compress the spring-loaded end, and remove).

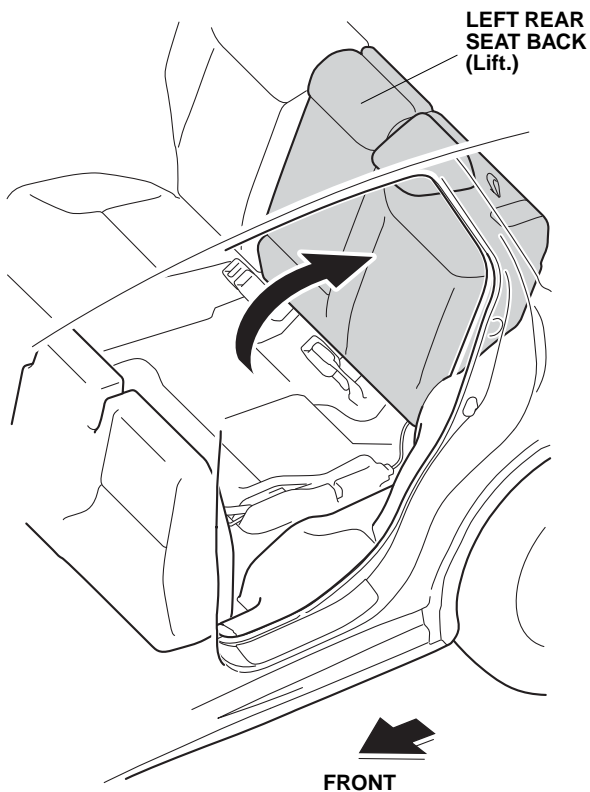


3. Pull the lever, and fold down the left rear seat.



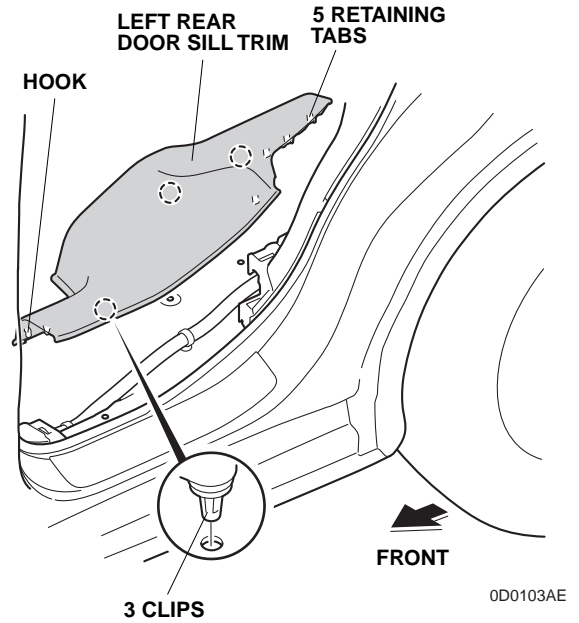
QD12902AY

4. Lift the left rear seat back.



A53101AB

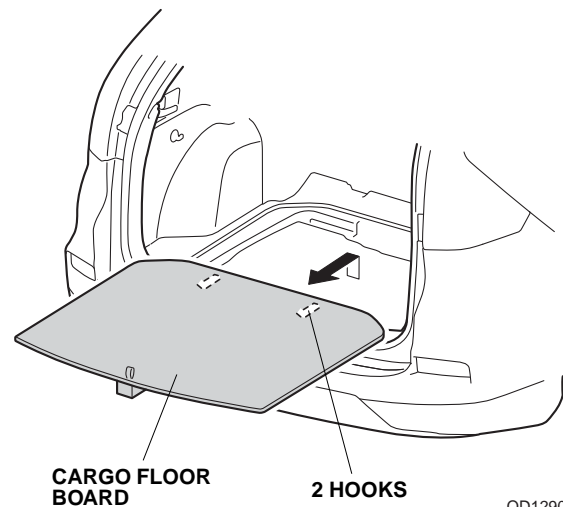
5. Remove the left rear door sill trim.



OD0103AE

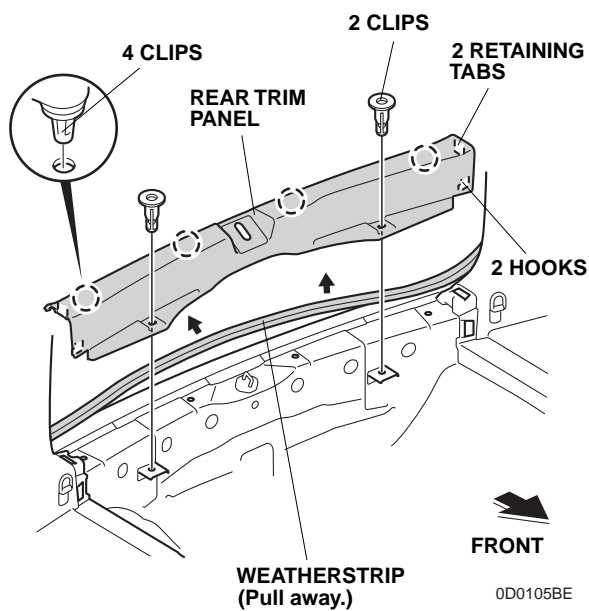
6. Pull the lever, and fold down the left rear seat back.

7. Remove the cargo floor board.

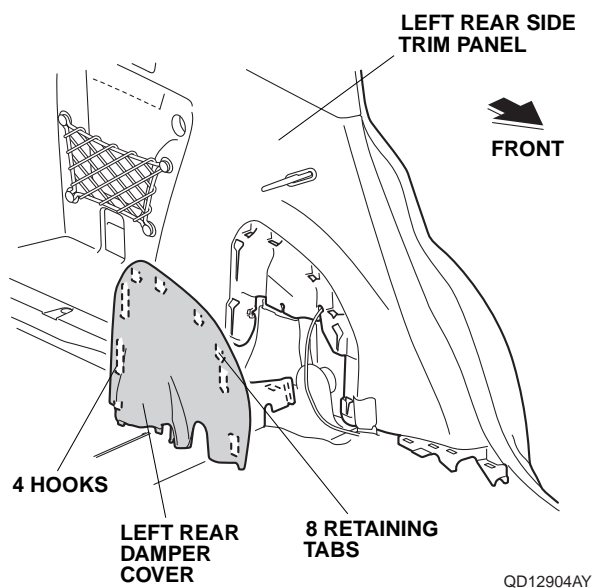


QD12903AY

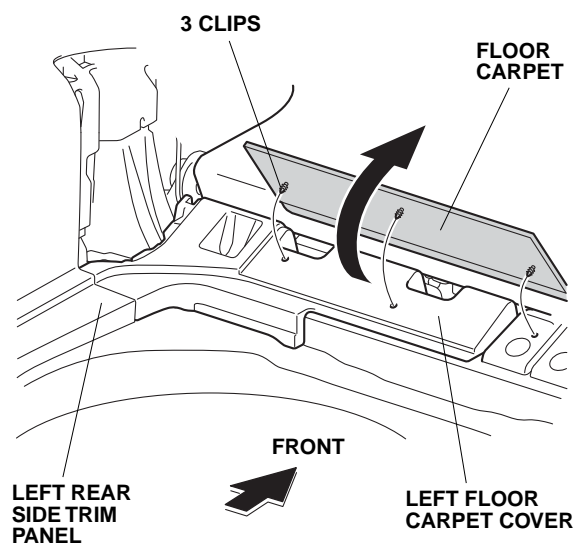
8. Pull away the weatherstrip, and remove the rear trim panel.



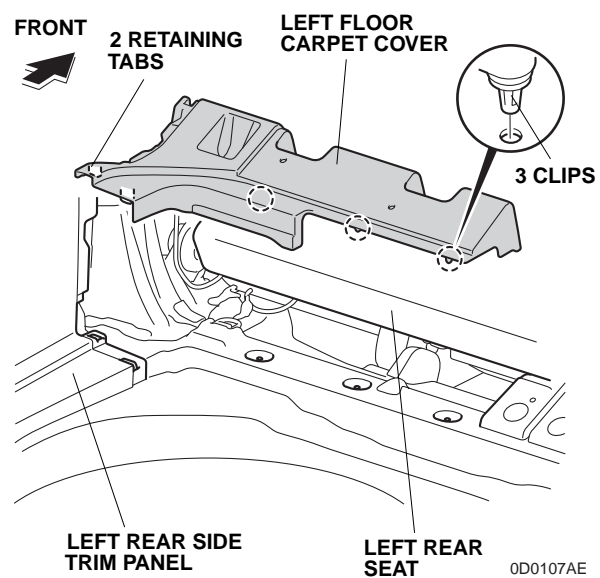
9. Remove the left rear damper cover.



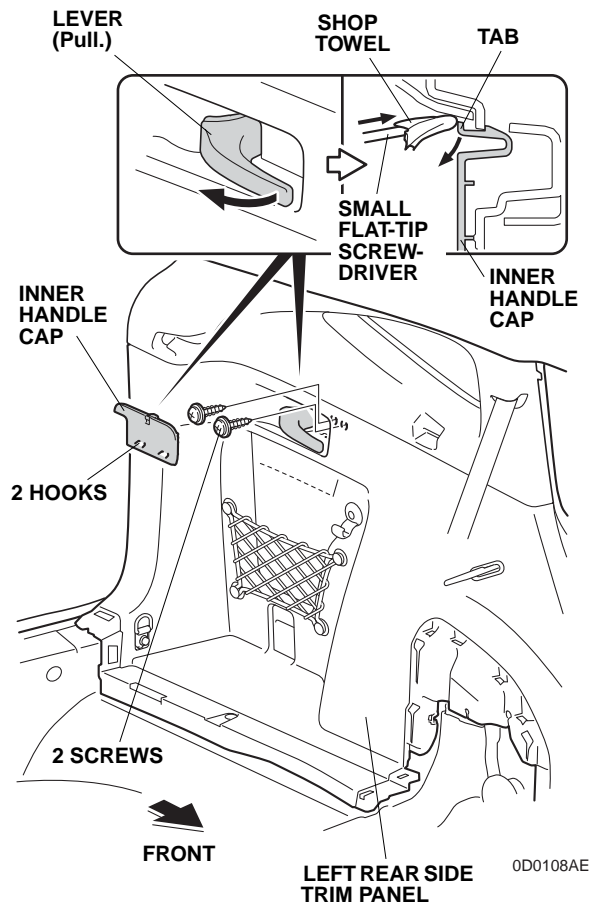
10. Release the floor carpet from the left floor carpet cover.



11. Remove the left floor carpet cover.

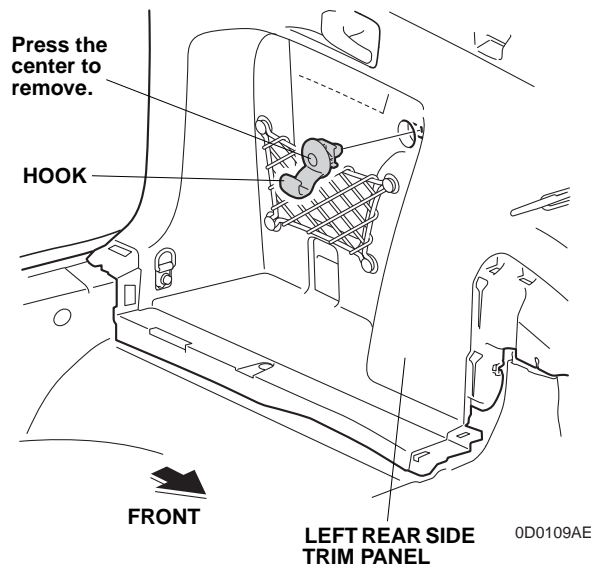


12. Gently pull the lever on the left rear side trim panel and use a small flat-tip screwdriver wrapped with a shop towel, to remove the inner handle cap.

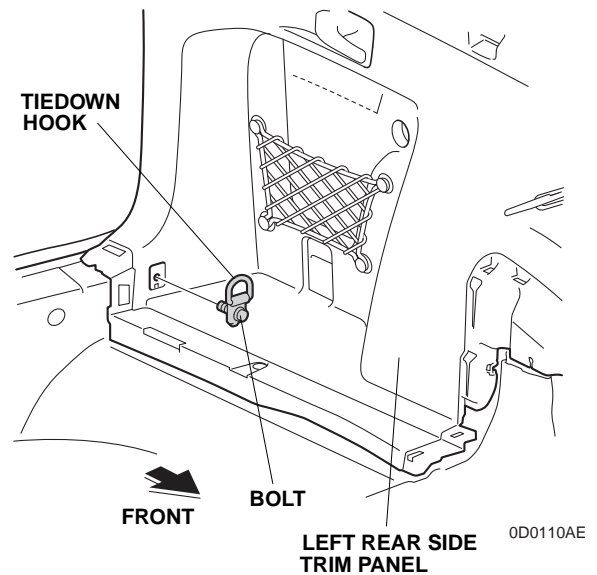


13. Remove the two screws.

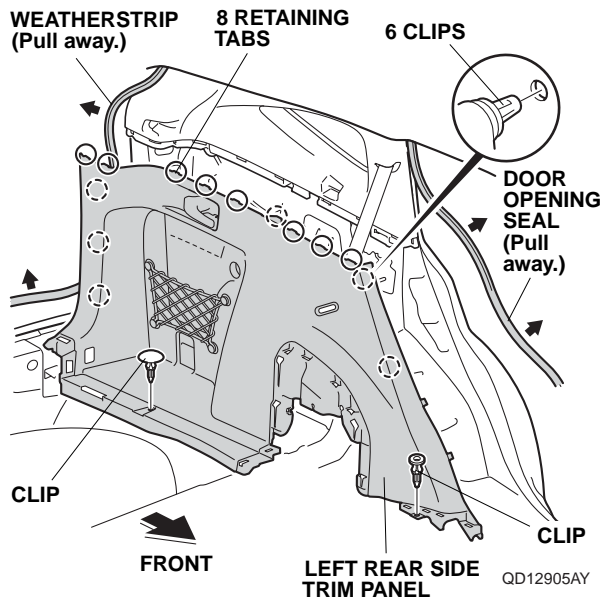
14. Press the center of hook and remove the hook from the left rear side trim panel.



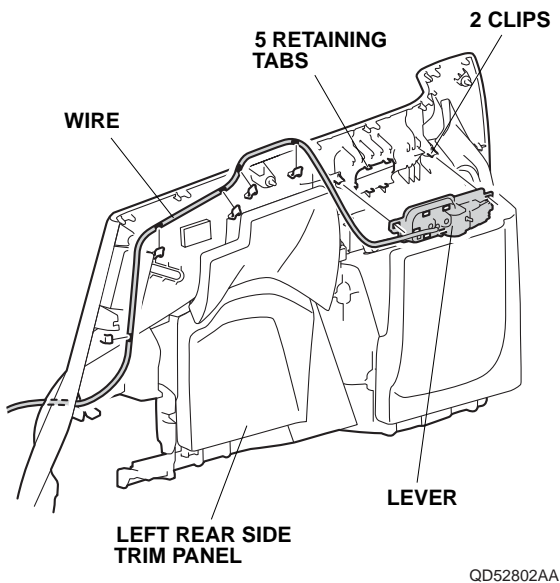
15. Remove the tie-down hook.



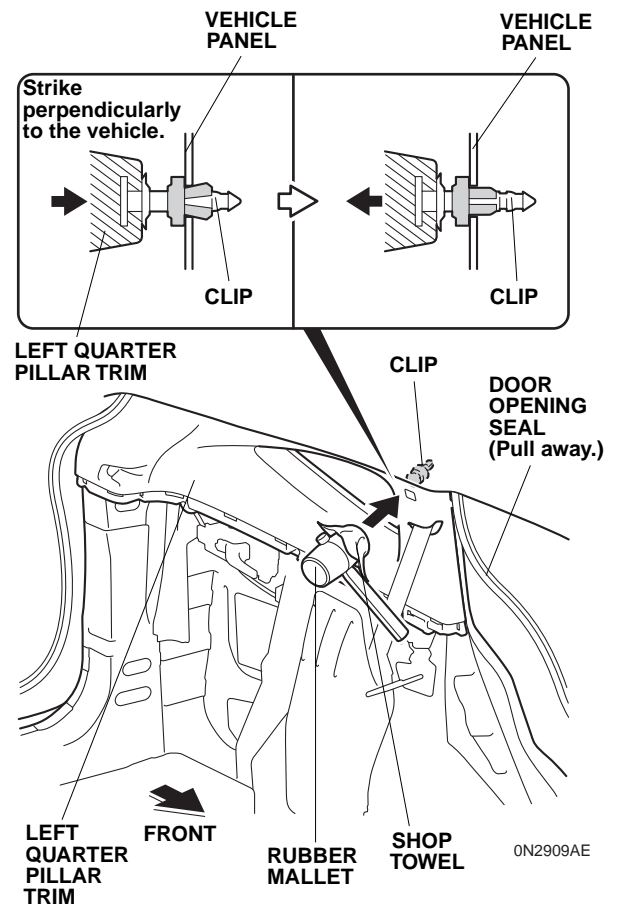
16. Pull away the weatherstrip from around the left rear side trim panel at the tailgate, and remove the door opening seal at the left rear door. Starting at the front, release the left rear side trim panel.



17. Release the wire and remove the lever, then remove the left rear side trim panel.

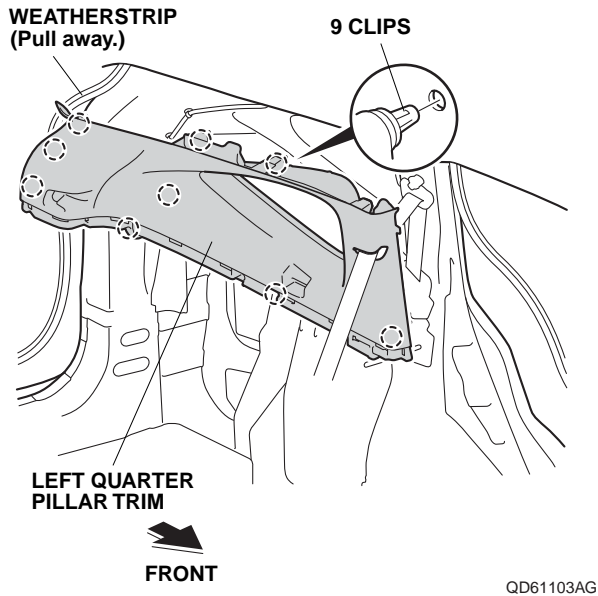


18. Pull away the door opening seal from around the left quarter pillar trim.

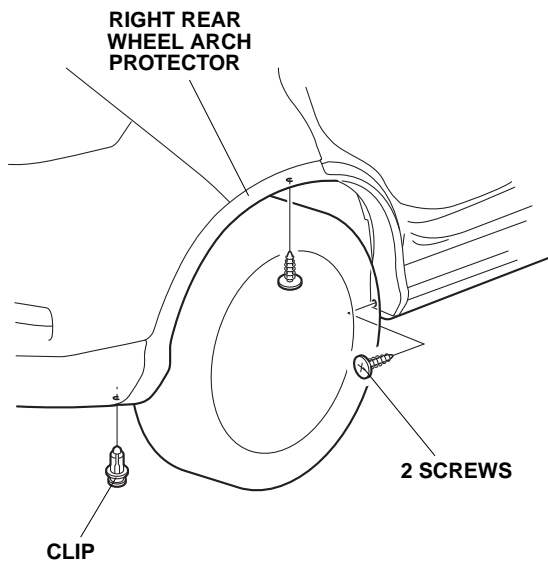


19. Using a rubber mallet wrapped with a shop towel, lightly tap the area marked "SIDE CURTAIN AIRBAG" on the left quarter pillar trim to push in the clip. Make sure to strike area perpendicularly to the vehicle.

20. Remove the left quarter pillar trim.

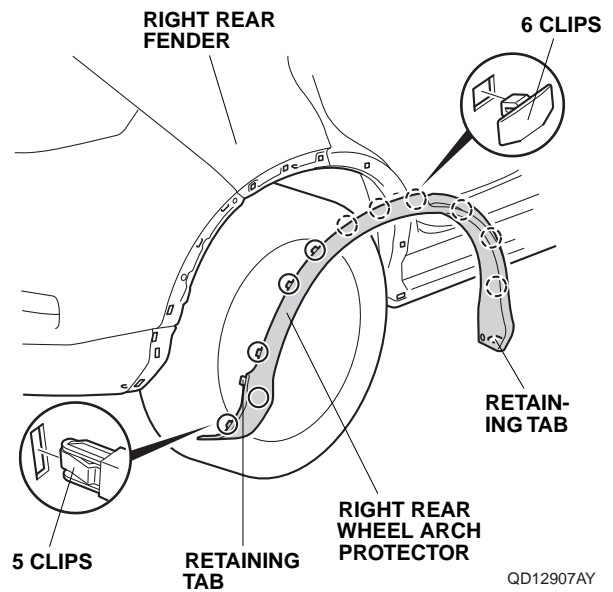


21. Open the right rear door.



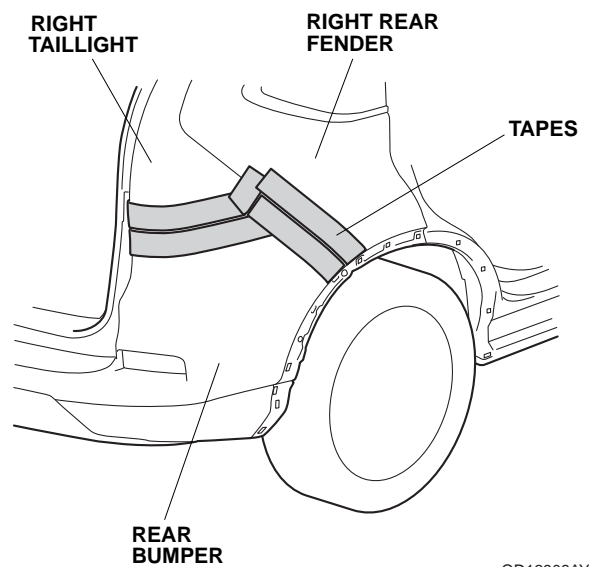
22. Remove the one clip and the two screws from the right rear wheel arch protector. If equipped, remove the splash guards.

23. Remove the right rear wheel arch protector.



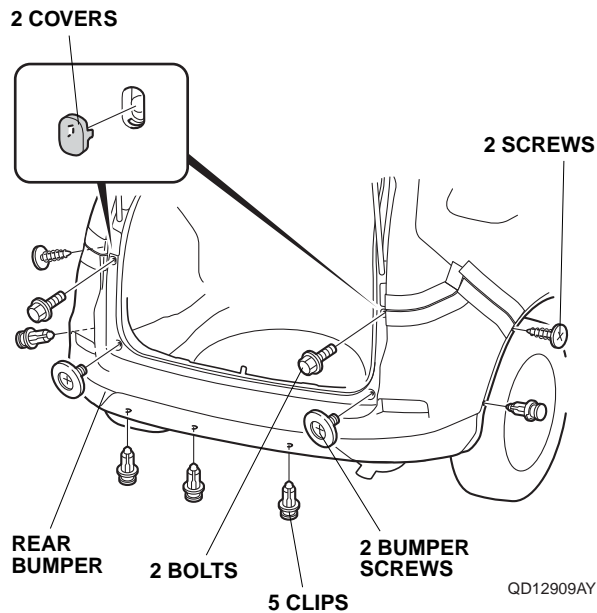
24. Remove the left rear wheel arch protector the same way.

25. On each side of the vehicle, apply tapes to the rear bumper, right taillight and right rear fender as shown.

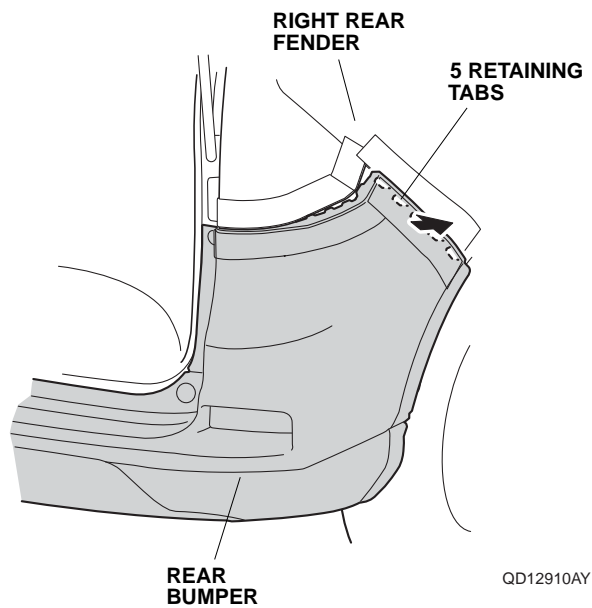


26. Remove the rear bumper.

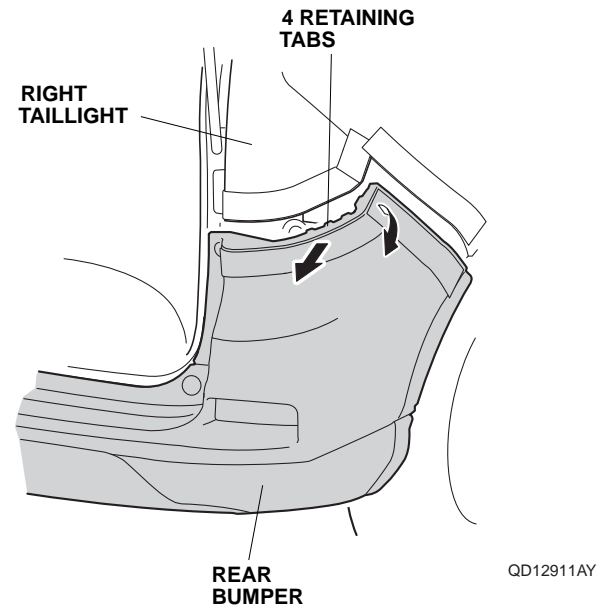
- Remove the two covers, two bumper screws, two bolts, two screws, and five clips.



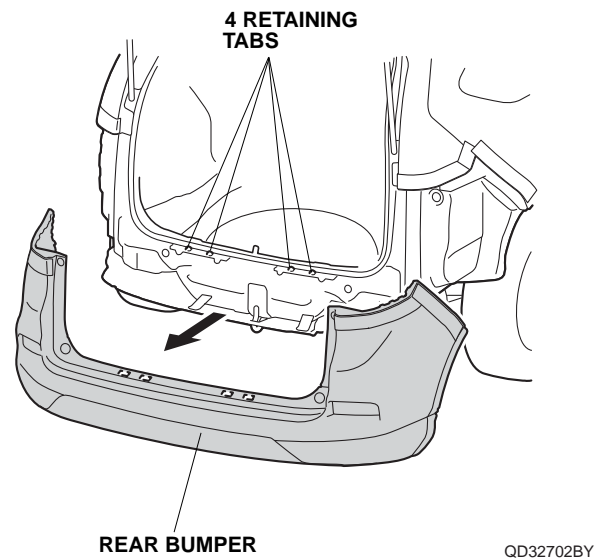
- On each side, release five retaining tabs along the fenderwell.



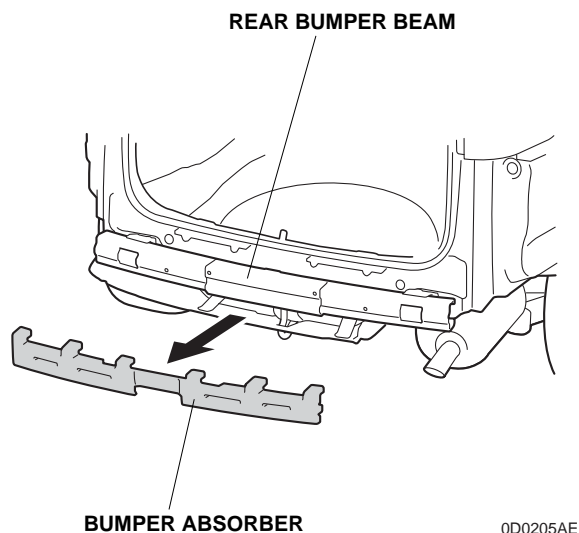
- On each side, release four retaining tabs.



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

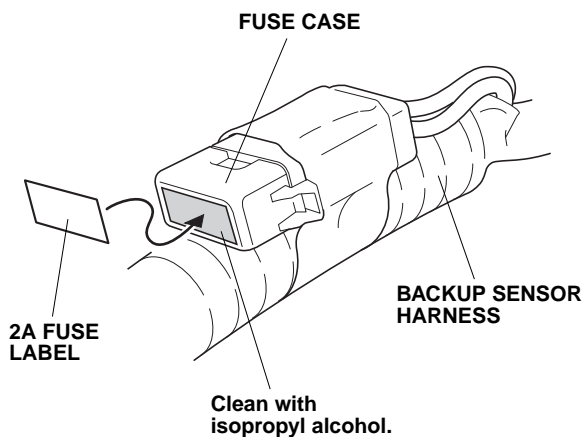


27. Remove the bumper absorber.

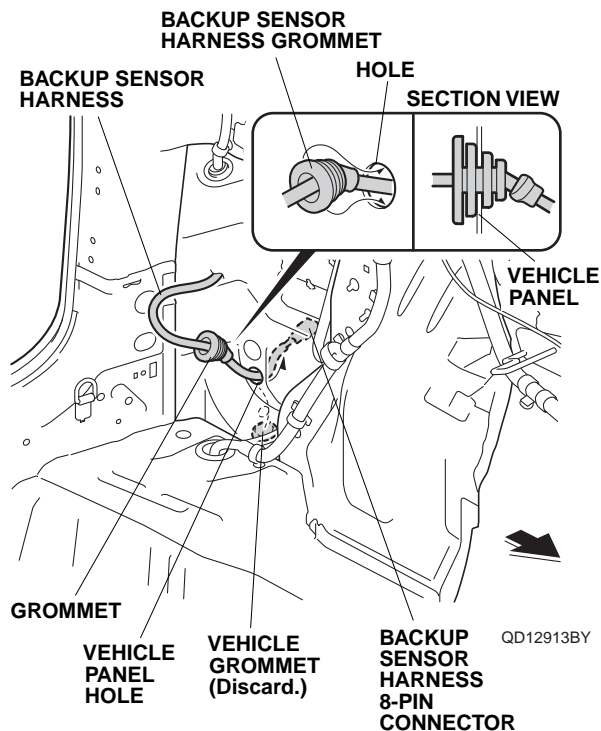


### Routing the Backup Sensor Harness and Installing the Control Unit

28. Get the backup sensor harness. Using isopropyl alcohol on a shop towel, thoroughly clean the fuse case where the fuse label will attach. Attach the 2A fuse label to the fuse case on the backup sensor harness.

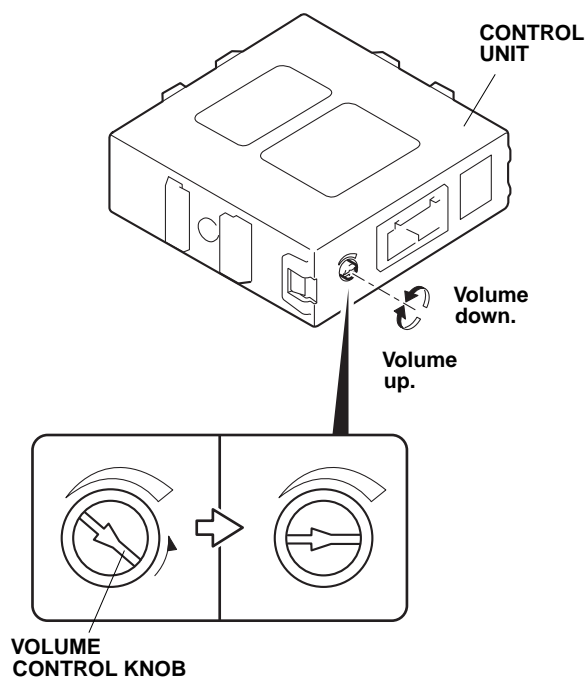


29. Locate the lower vehicle grommet from the left rear cargo area, remove and discard the vehicle grommet.



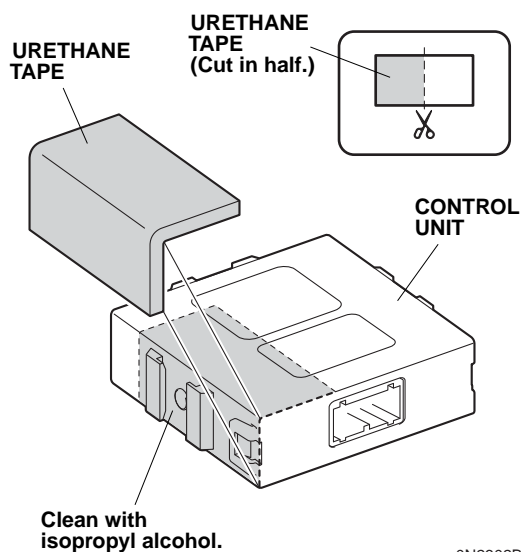
30. Route the backup sensor harness 8-pin connector through the hole, and seat the backup sensor harness grommet into the vehicle panel hole.  
NOTE: Do not pull on the backup sensor harness when installing the grommet.

31. Adjust the volume control knob on the control unit as shown.  
**NOTE:** Make sure not to excessively turn to adjust or it may damage the control unit



A91204BB

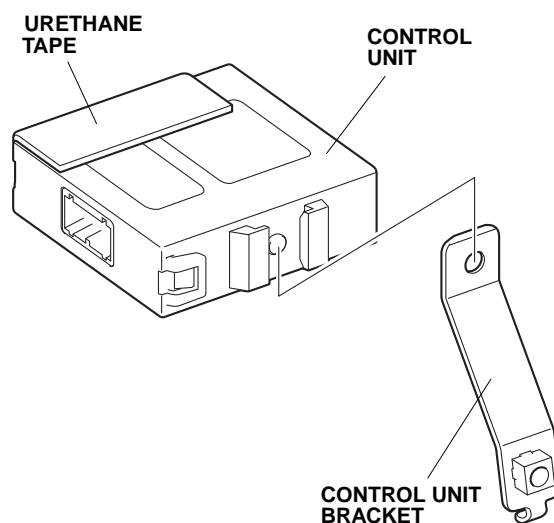
32. Using isopropyl alcohol on a shop towel, thoroughly clean the control unit where the urethane tape will attach.



0N2302BE

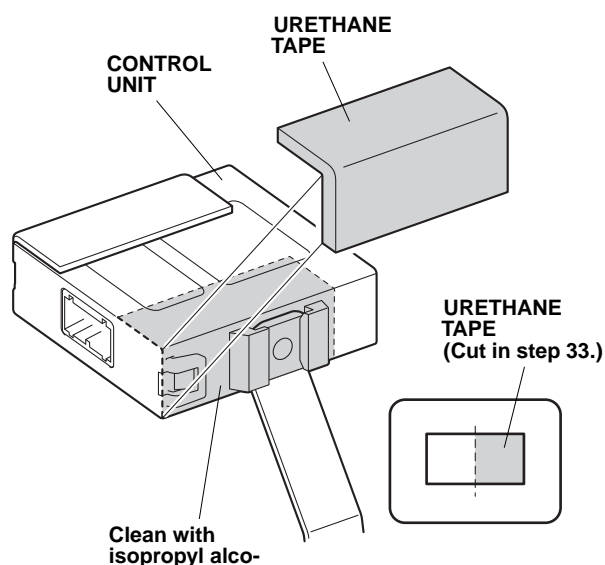
33. Using scissors, cut one urethane tape in half. Attach the cut piece of urethane tape to the control unit in the area shown.

34. Install the control unit bracket to the control unit.



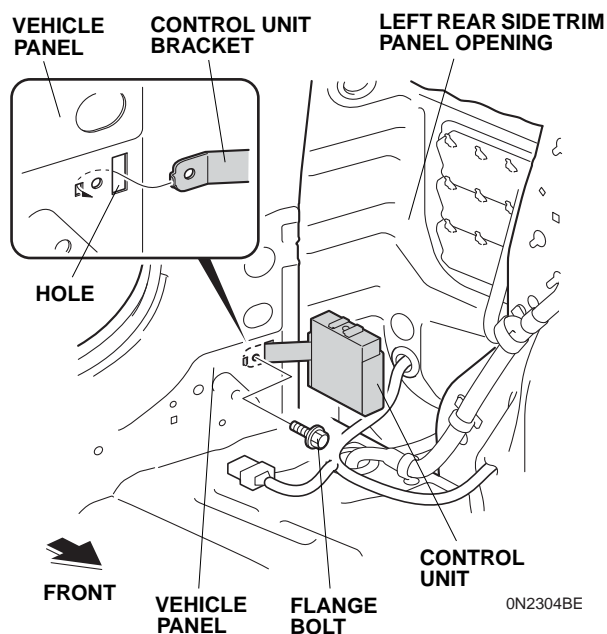
0N2303BE

35. Using isopropyl alcohol on a shop towel, thoroughly clean the control unit where the urethane tape will attach. Attach the remaining piece of urethane tape (cut in step 33) to the control unit in the area shown.

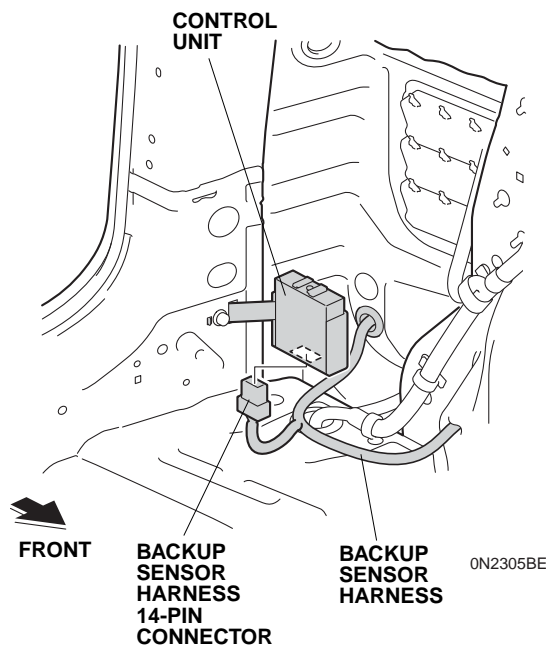


A30101AE

36. Insert the control unit bracket into the hole in the vehicle panel, and secure it with one flange bolt.



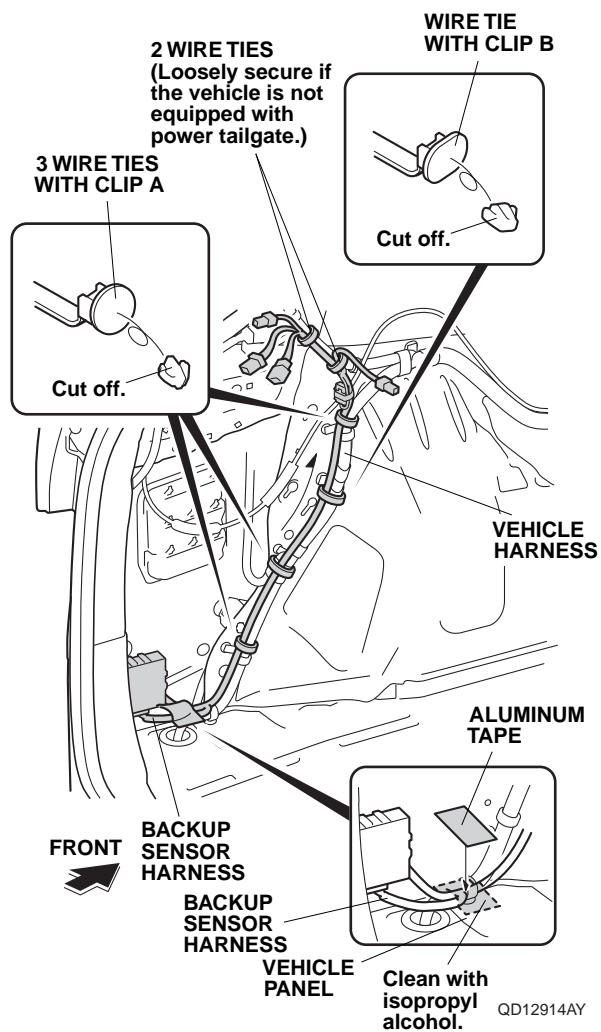
37. Plug the backup sensor harness 14-pin connector into the control unit.



If the vehicle harness is installed in the area shown, continue with step 38; otherwise, go to step 40.

### With Vehicle Harness

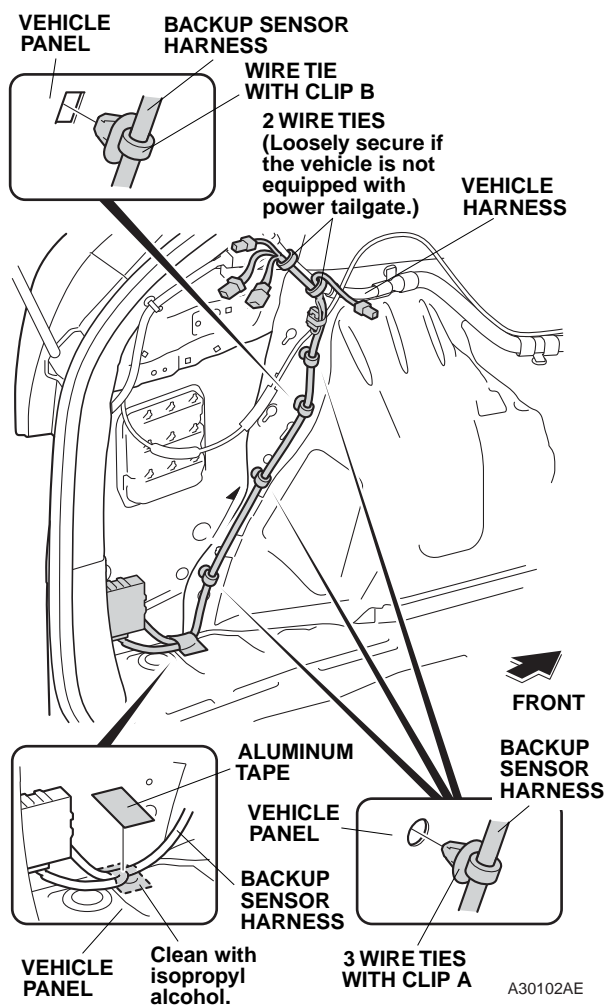
38. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle panel where the aluminum tape will attach. Secure the backup sensor harness to the vehicle panel with one aluminum tape.



39. Route the backup sensor harness up along the vehicle harness, and secure it to the vehicle harness with three wire ties with clip A, one wire tie with clip B, and two wire ties as shown. If the vehicle is not equipped with the power tailgate, loosely secure the two wire ties. Go to step 42.  
NOTE: Secure the wire tie next to the vehicle clip.

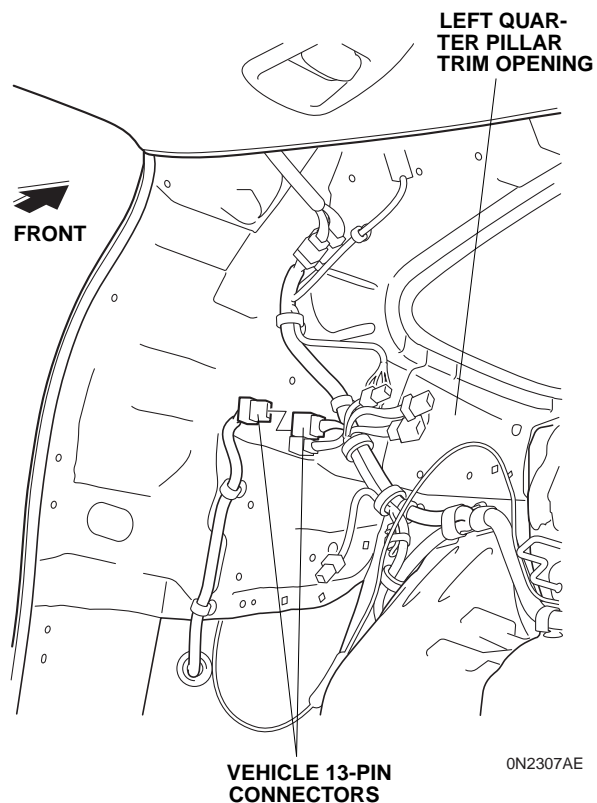
## Without Vehicle Harness

40. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle panel where the aluminum tape will attach. Secure the backup sensor harness to the vehicle panel with one aluminum tape.

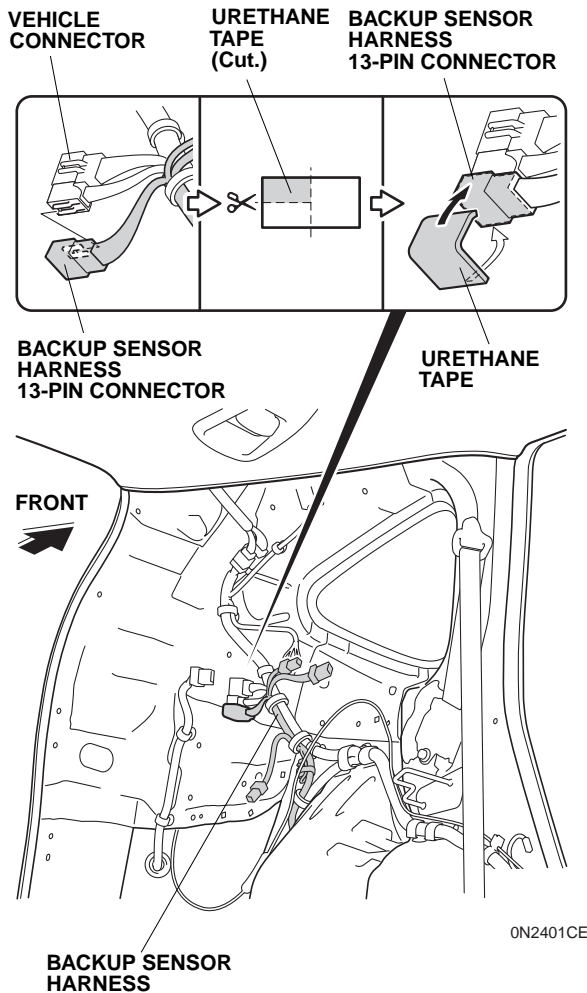


41. Route the backup sensor harness up along the vehicle harness, and secure it to the vehicle panel and vehicle harness with three wire ties with clip A, one wire tie with clip B, and two wire ties. If the vehicle is not equipped with the power tailgate, loosely secure the two wire ties.

42. Unplug the vehicle 13-pin connector.



43. Slide the clip from the backup sensor harness 13-pin connector onto the vehicle connector clip.

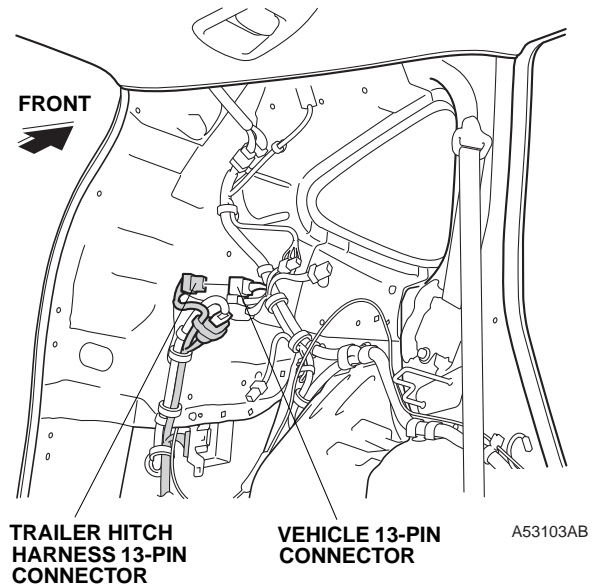


44. Using scissors, cut one urethane tape as shown. Attach the cut piece of urethane tape to the backup sensor harness 13-pin connector.

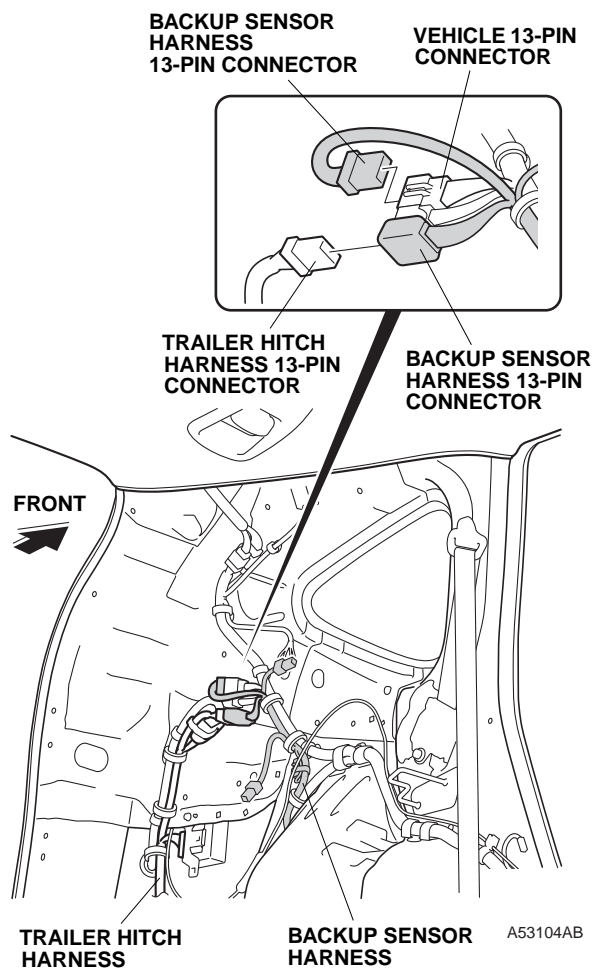
**If the vehicle is equipped with a trailer hitch harness, continue with step 45; otherwise, go to step 48.**

### With Trailer Hitch Harness

45. Unplug the trailer hitch harness 13-pin connector.



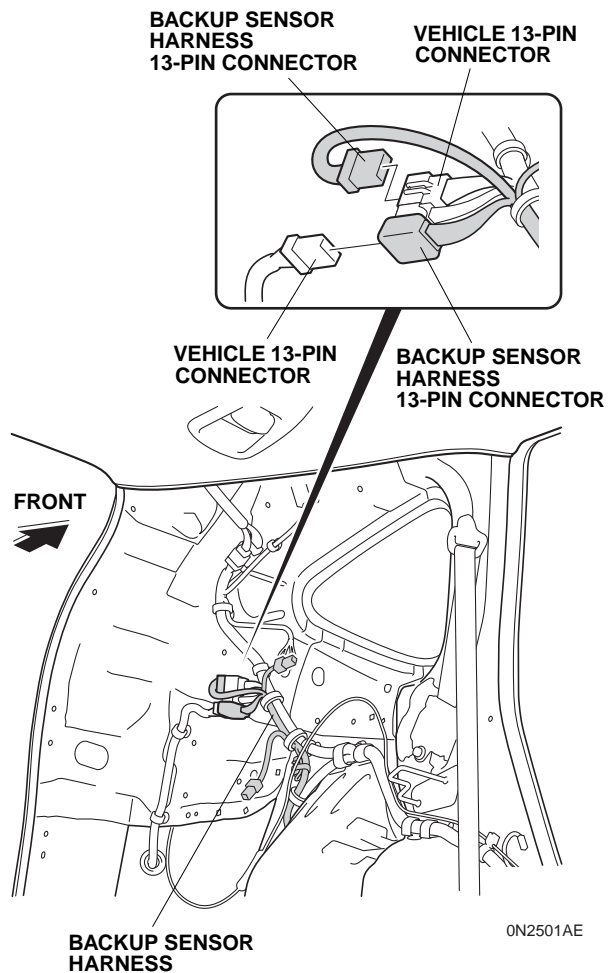
46. Plug the backup sensor harness 13-pin connector into the vehicle 13-pin connector.



47. Plug the trailer hitch harness 13-pin connector into the backup sensor harness 13-pin connector. Go to step 50.

### Without Trailer Hitch Harness

48. Plug the backup sensor harness 13-pin connector into the vehicle 13-pin connector.



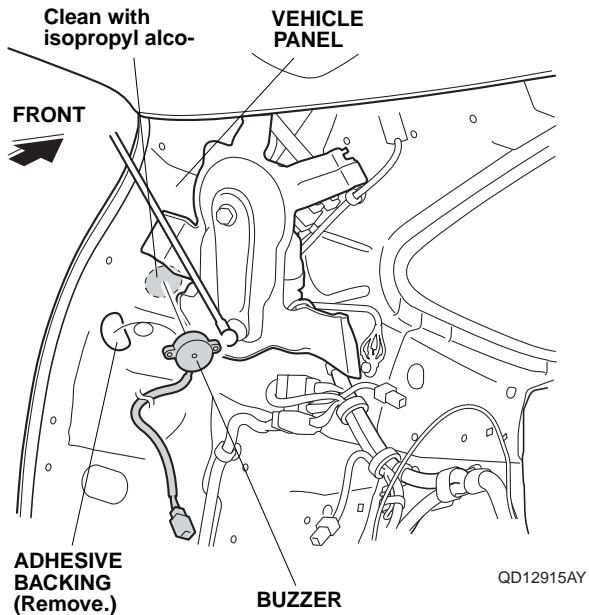
49. Plug the vehicle 13-pin connector into the backup sensor harness 13-pin connector.

## Installing the Buzzer

If the vehicle is equipped with the power tailgate, continue with step 50; otherwise, go to step 55.

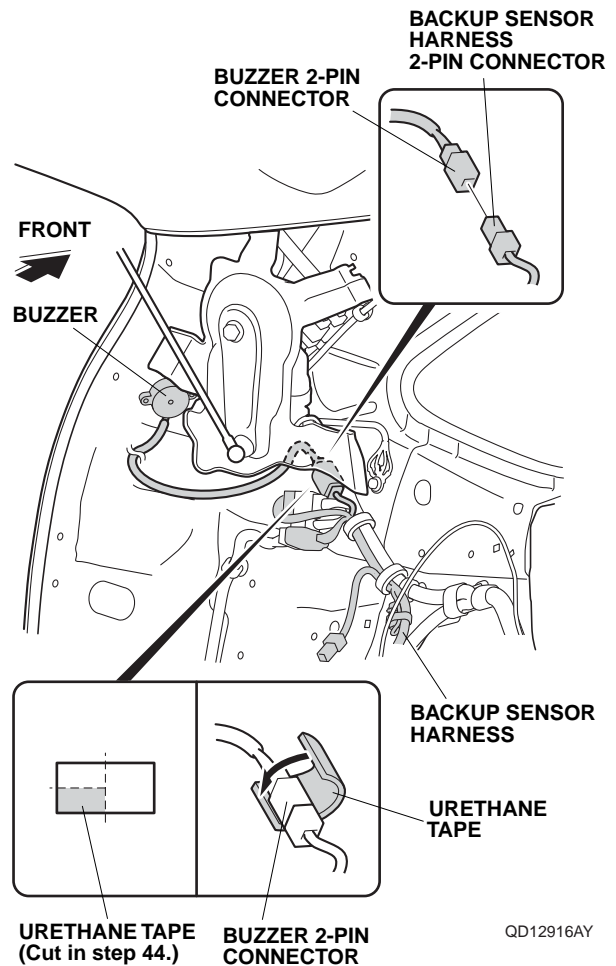
### With Power Tailgate

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



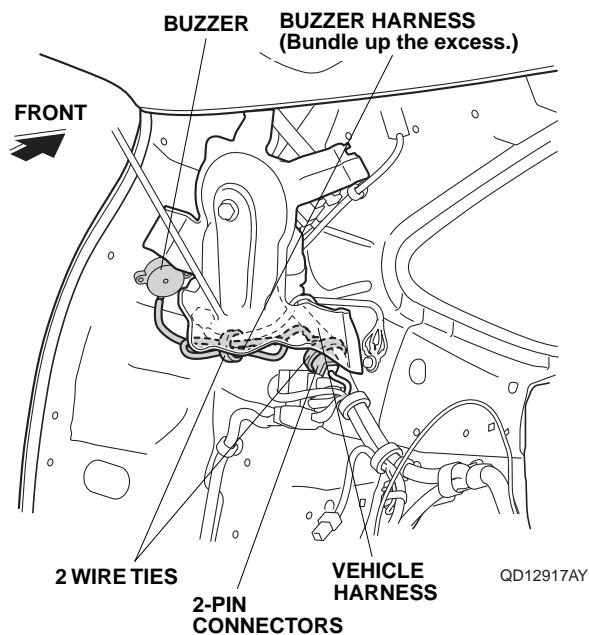
51. Remove the adhesive backing from the buzzer and attach the buzzer to the vehicle panel in the location shown.

52. Plug the backup sensor harness 2-pin connector into the buzzer 2-pin connector.



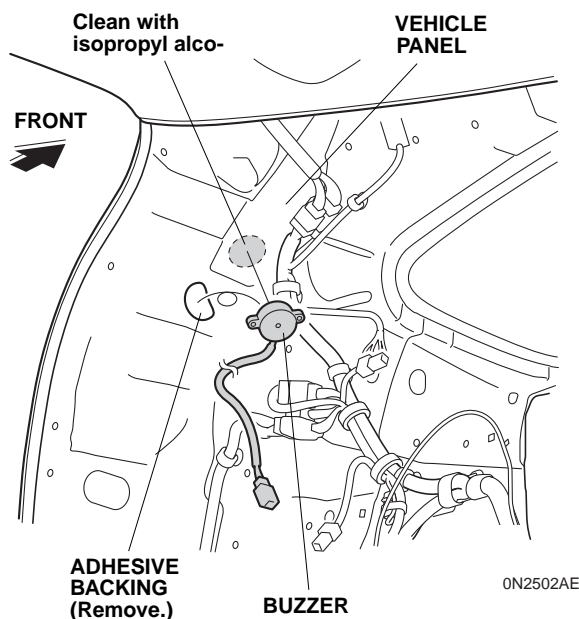
53. Attach the other piece of urethane tape (cut in step 44) around the buzzer 2-pin connector.

54. Bundle up the excess buzzer harness, and secure the buzzer harness and 2-pin connectors to the vehicle harness with two wire ties as shown. Go to step 60.



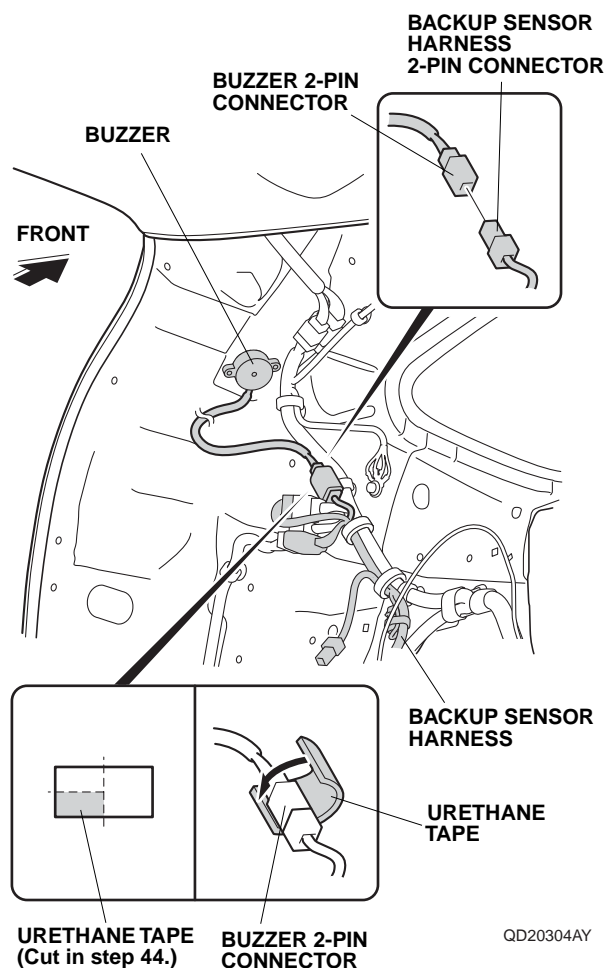
### Without Power Tailgate

55. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle panel where the buzzer will attach.



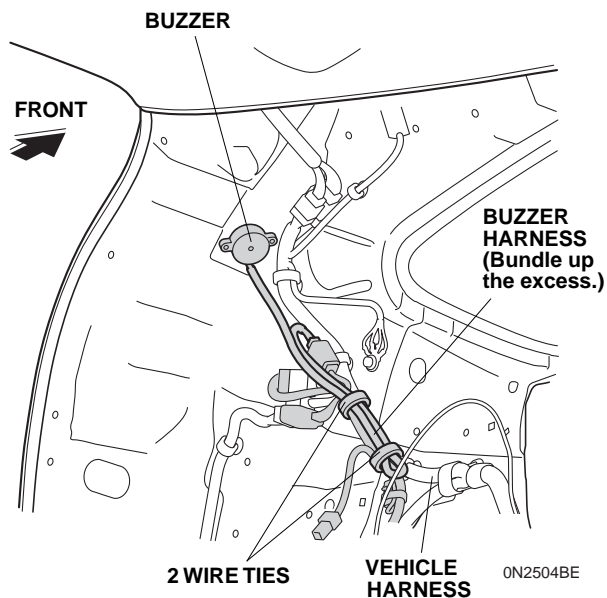
56. Remove the adhesive backing from the buzzer and attach the buzzer to the vehicle panel in the location shown.

57. Plug the backup sensor harness 2-pin connector into the buzzer 2-pin connector.



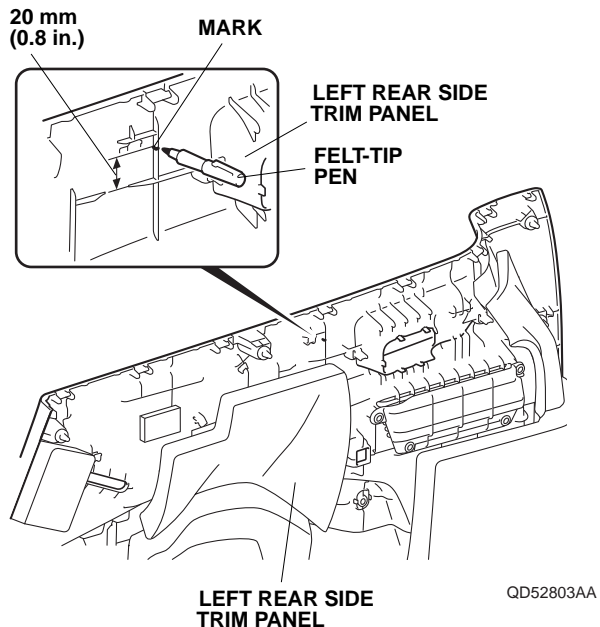
58. Attach the other piece of urethane tape (cut in step 44) around the buzzer 2-pin connector.

59. Bundle up the excess buzzer harness, and secure the buzzer harness to the vehicle harness with two wire ties loosely secured in step 39 or 41.

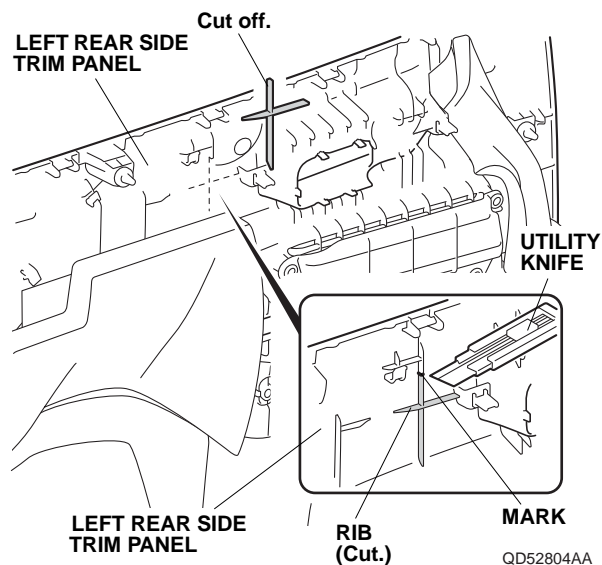


### Installing the Switch

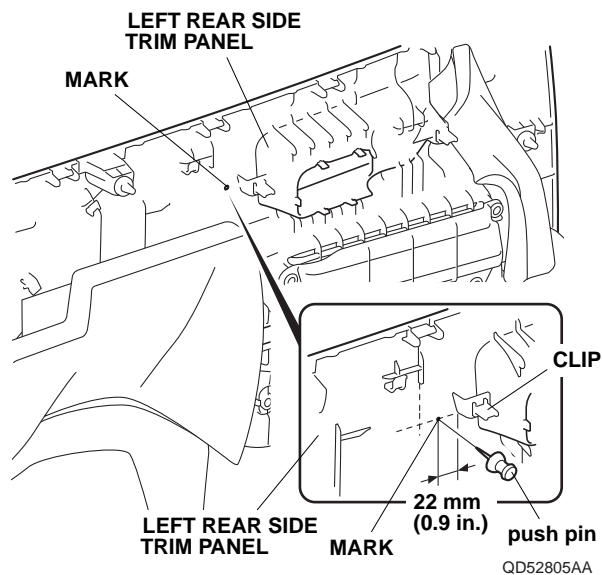
60. Using a ruler and a felt-tip pen, measure and mark the inside of the left rear side trim panel in the area shown.



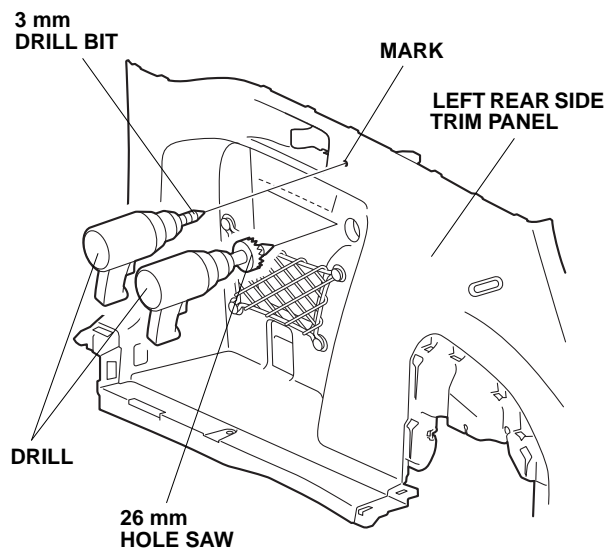
61. Using an utility knife, cut off the ribs on the left rear side trim panel. Remove any burrs.



62. Using a push pin, pierce the left rear side trim panel at the location shown.

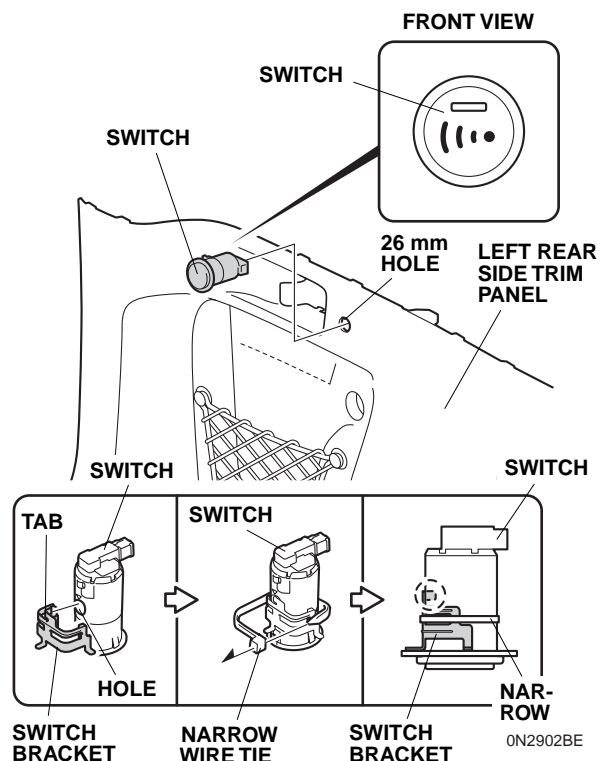


63. While wearing eye protection, drill the pierced mark on the left rear side trim panel with a 3 mm drill bit. Enlarge a 3 mm hole to 26 mm using a 26 mm hole saw. Remove any burrs.



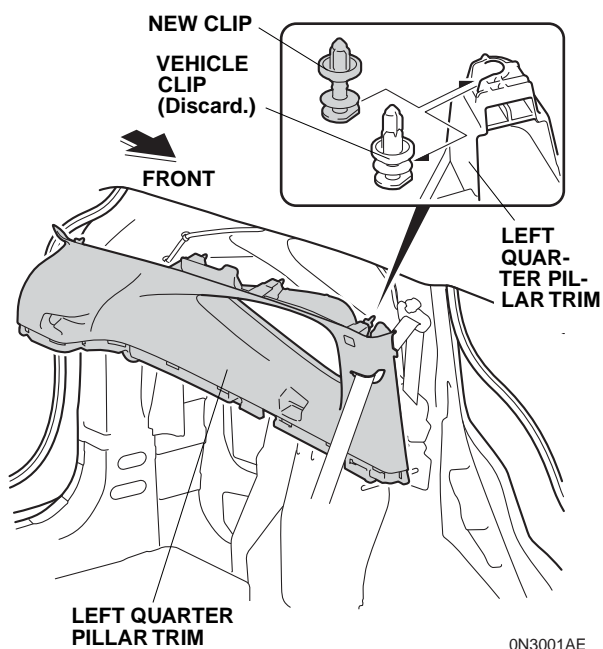
0N2901AE

64. Install the switch into the 26 mm hole in the left rear side trim panel.  
NOTE: Make sure the switch is installed in the correct orientation.

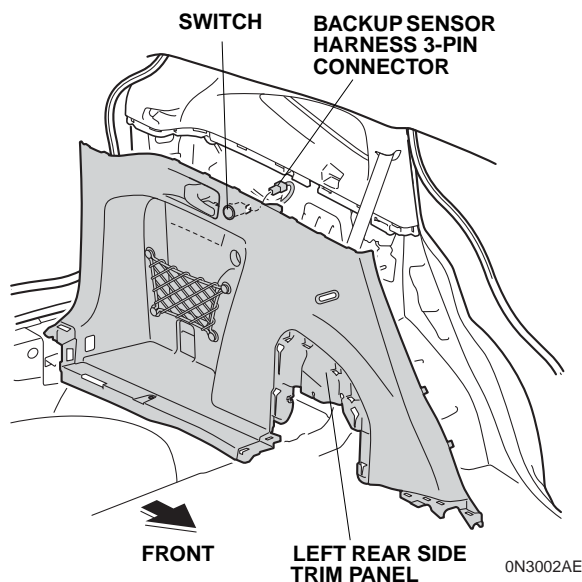


65. Align the tab on the switch bracket with the hole on the switch and secure the switch bracket to the switch with one narrow wire tie.  
NOTE: Firmly press the switch bracket against the left rear side trim panel, and make sure that there is no clearance between the switch and left rear side trim panel.

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

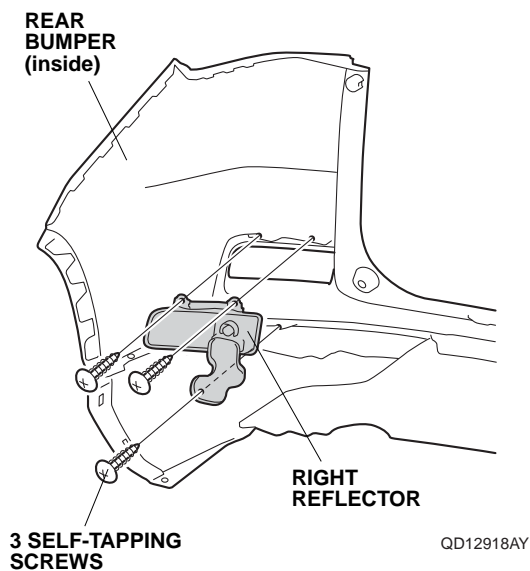


67. Check the overlap between the headliner and the quarter pillar trim.  
NOTE: Check and adjust the overlap as described in the Service Manual.
68. Reinstall the left quarter pillar trim.  
NOTE: Make sure the side curtain airbag is not tucked under the clip. Do not push the quarter pillar trim excessively.
69. Bring the left rear side trim panel into position. Plug the backup sensor harness 3-pin connector into the switch, and reinstall the left rear seat release lever and the left rear side trim panel.



## Installing the Backup Sensors

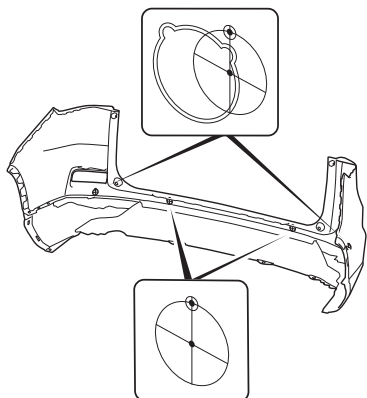
70. Remove the right reflector.



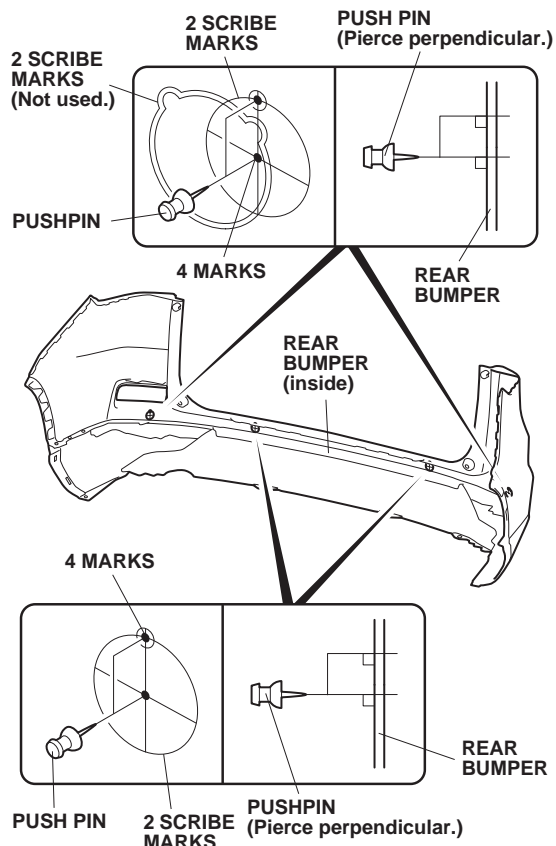
71. Remove the left reflector the same way.

72. Identify which bumper you have and mark the inside of the rear bumper as shown.

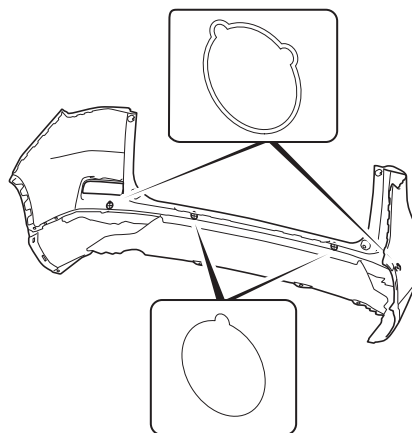
If you have this bumper, follow this procedure:



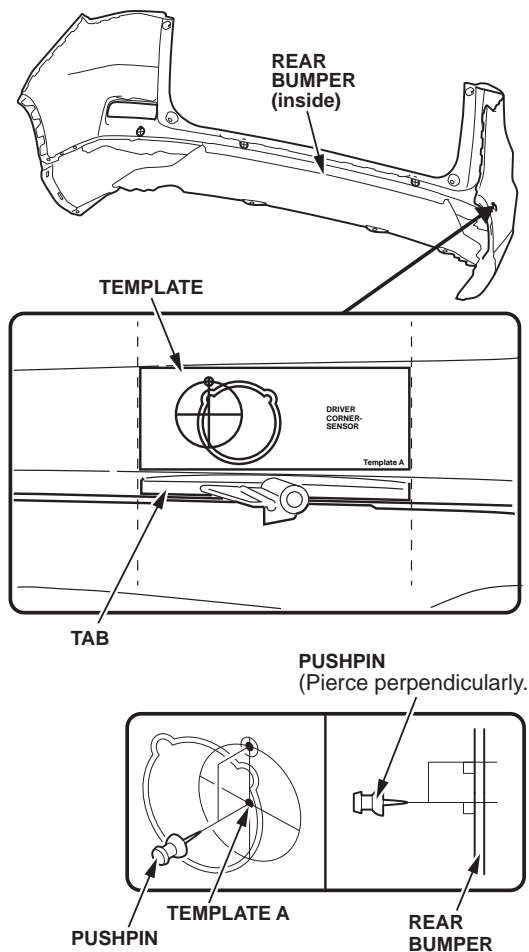
- Locate the four scribe marks on the inside of the bumper at the center and on each side.
- Using a push pin, pierce the rear bumper at the top and center of the four scribe marks.  
NOTE: There are several markings on the inside of the rear bumper. Before piercing the rear bumper, verify you have the correct locations.  
NOTE: Make sure to pierce the scribe marks perpendicularly to the rear bumper.



If you have this bumper, follow this procedure:

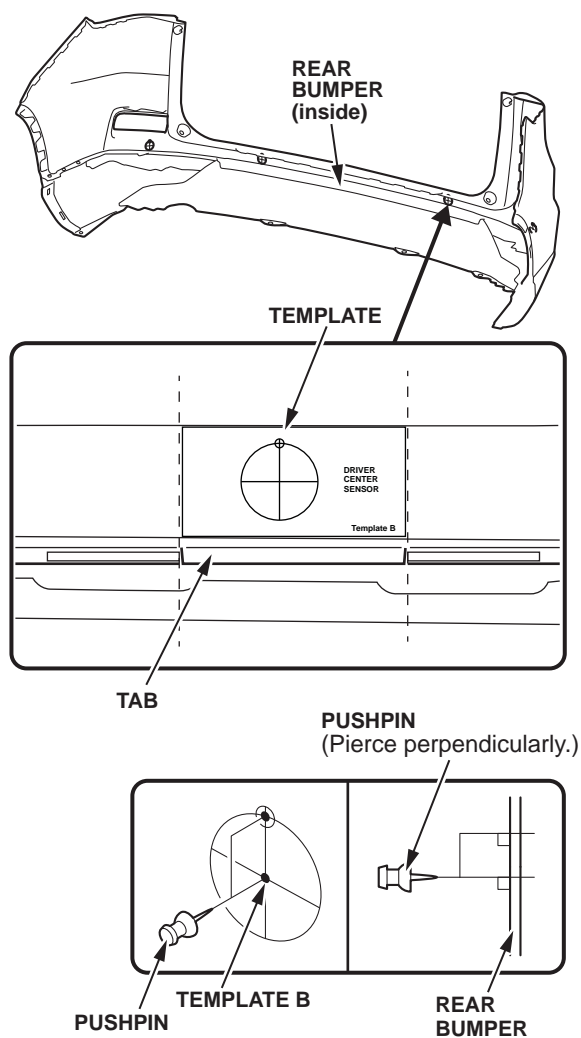


1. Locate the paper templates on the last page of these instructions. Measure template D and confirm it measures 98 mm across. Then cutout all four templates.
2. Align template A with the tab as shown. Using a push pin, pierce the rear bumper at the top and center of the paper template.  
NOTE: Make sure to pierce the scribe marks perpendicularly to the rear bumper.



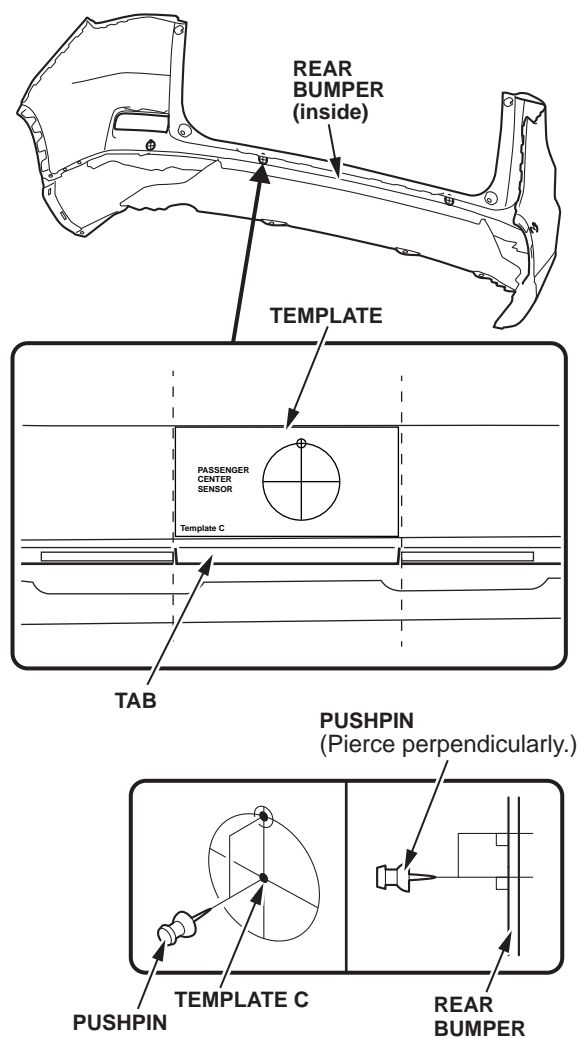
3. Align template B with the tab as shown. Using a push pin, pierce the rear bumper at the top and center of the paper template.

NOTE: Make sure to pierce the scribe marks perpendicularly to the rear bumper.



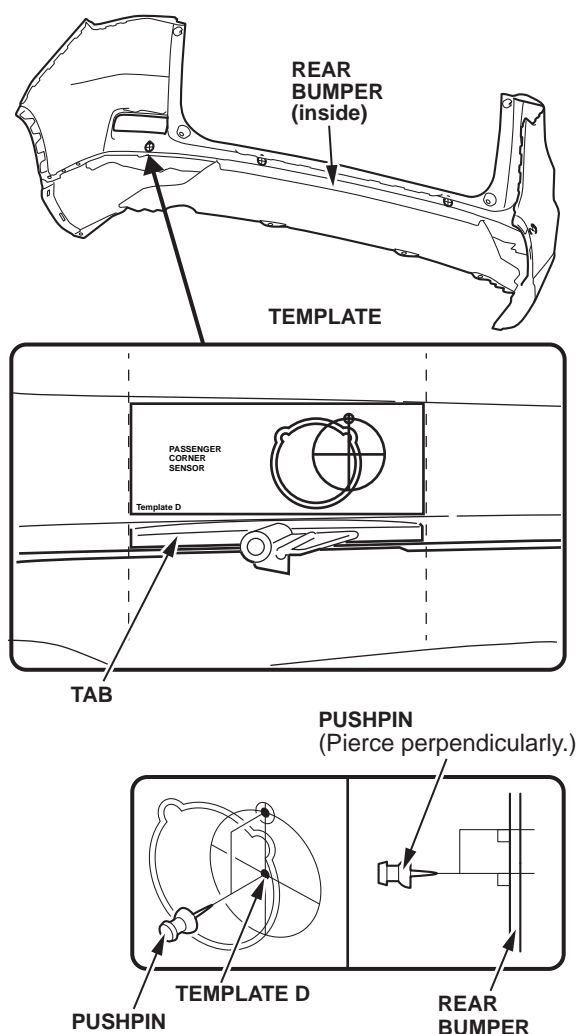
4. Align template C with the tab as shown. Using a push pin, pierce the rear bumper at the top and center of the paper template.

NOTE: Make sure to pierce the scribe marks perpendicularly to the rear bumper.



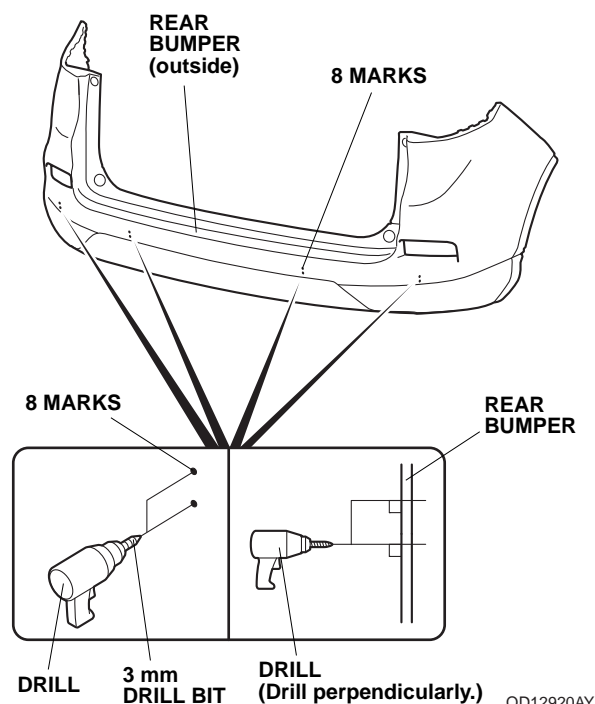
5. Align template D with the tab as shown. Using a push pin, pierce the rear bumper at the top and center of the paper template.

NOTE: Make sure to pierce the scribe marks perpendicularly to the rear bumper.



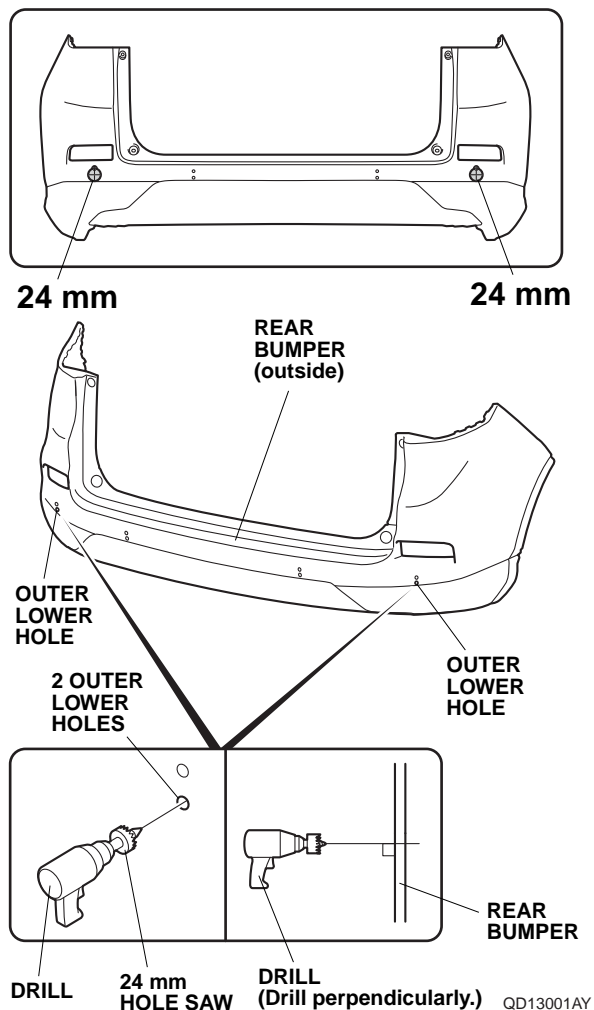
73. While wearing eye protection, drill the eight pierced marks with a 3 mm drill bit from the painted side of the rear bumper.

NOTE: Make sure to drill perpendicularly to the rear bumper.

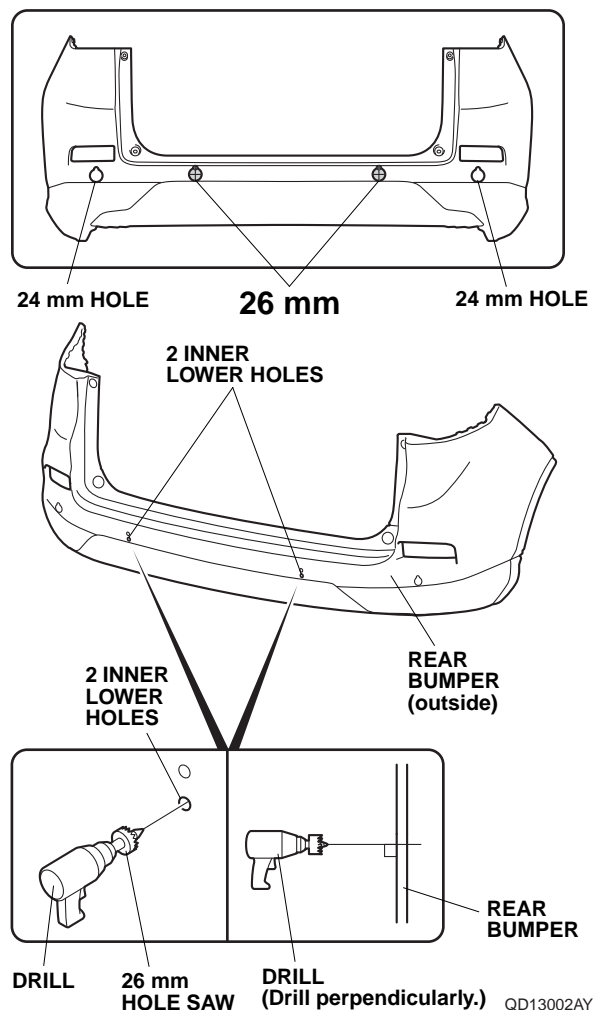


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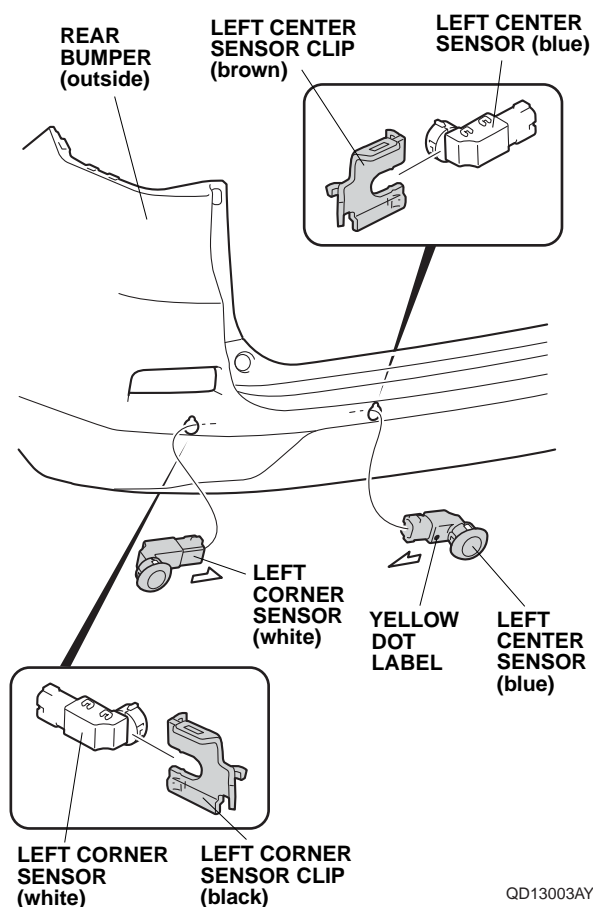
74. While wearing eye protection and drilling from painted side of the rear bumper, enlarge the two lower 3 mm outer holes to 24 mm using a 24 mm hole saw.
- NOTE: Make sure to drill perpendicularly to the rear bumper. Remove any burrs.



75. While wearing eye protection and drilling from painted side of the rear bumper, enlarge the two lower 3 mm inner holes to 26 mm using a 26 mm hole saw.
- NOTE: Make sure to drill perpendicularly to the rear bumper. Remove any burrs.

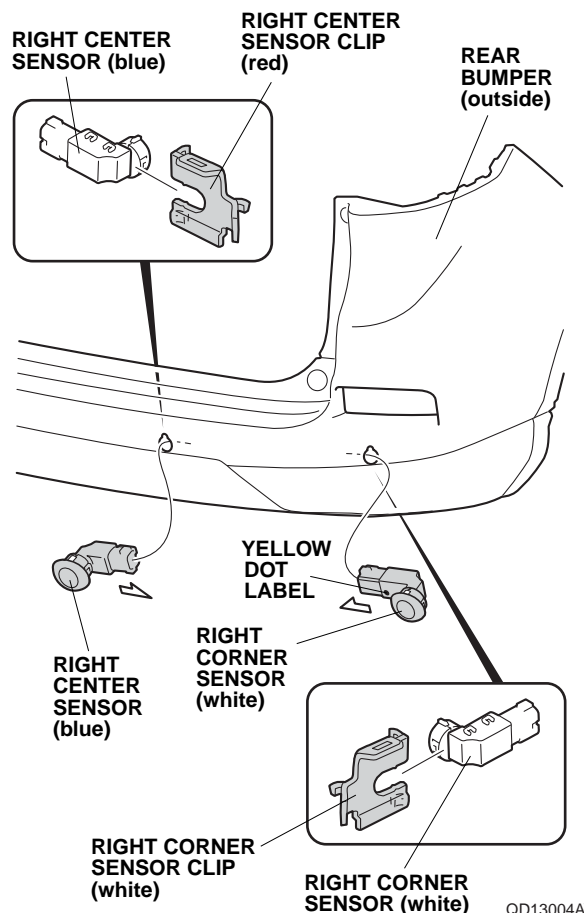


76. Insert the left corner sensor (white) and left center sensor (blue) to the rear bumper.  
NOTE: The left center sensor (blue) have the yellow dot label.



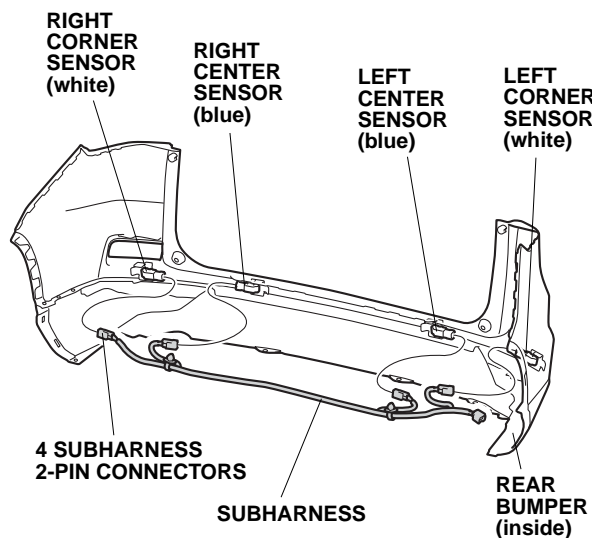
77. Secure the left corner sensor (white) and left center sensor (blue) with left corner sensor clip (black) and left center sensor clip (brown) as shown.

78. Insert the right corner sensor (white) and right center sensor (blue) to the rear bumper.  
NOTE: The right corner sensor (white) have the yellow dot label.



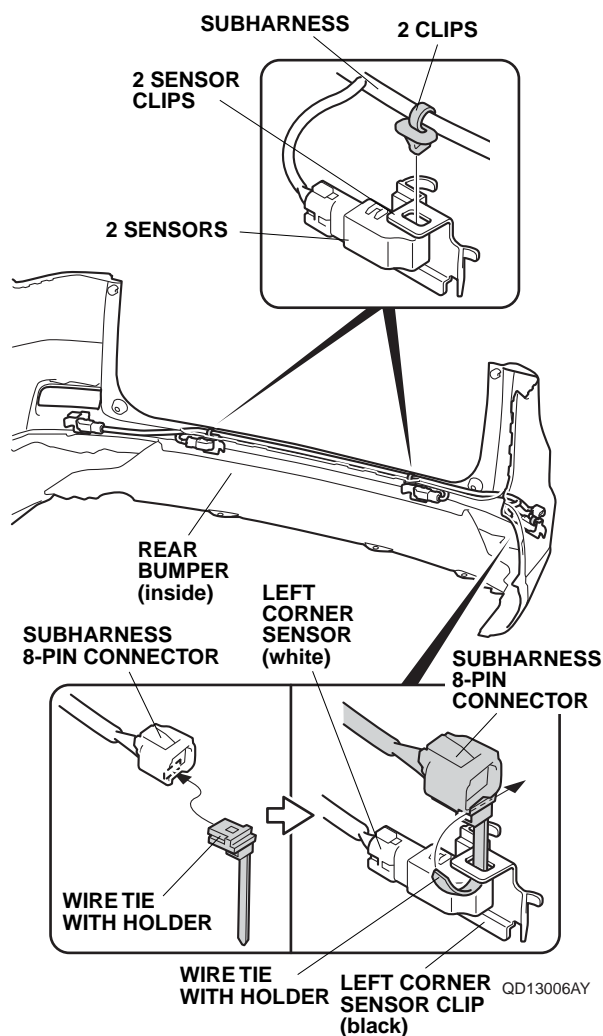
79. Secure the right corner sensor (white) and right center sensor (blue) with right corner sensor clip (white) and right center sensor clip (red) as shown.

80. Plug the four subharness 2-pin connectors into the right center sensor (blue), left center sensor (blue), right corner sensor (white), and left corner sensor (white).



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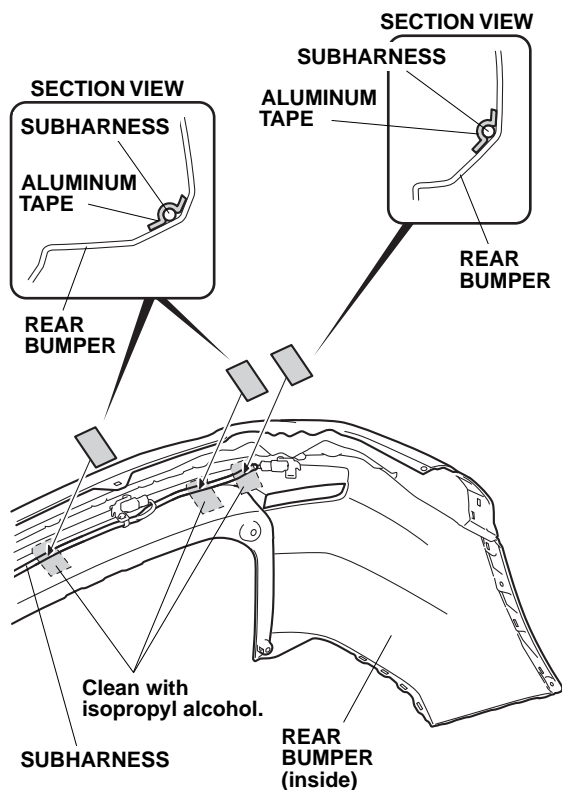
81. Secure the two subharness clips into two center sensor clips.



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82. Install the wire tie with holder to the subharness 8-pin connector, and secure it to the left corner sensor clip (black) as shown.

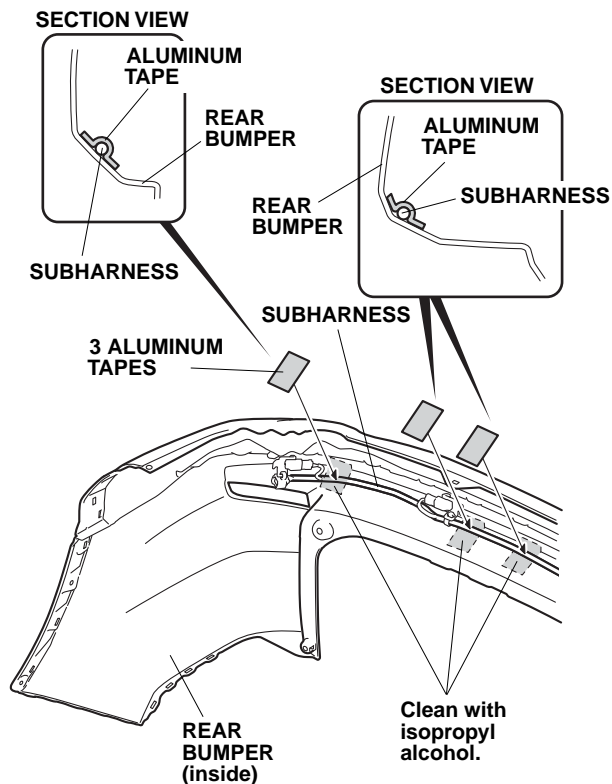
83. On the inside of the rear bumper, using isopropyl alcohol on a shop towel to thoroughly clean the rear bumper where the aluminum tapes will attach.



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84. Secure the subharness to the rear bumper with three aluminum tapes at the areas shown.

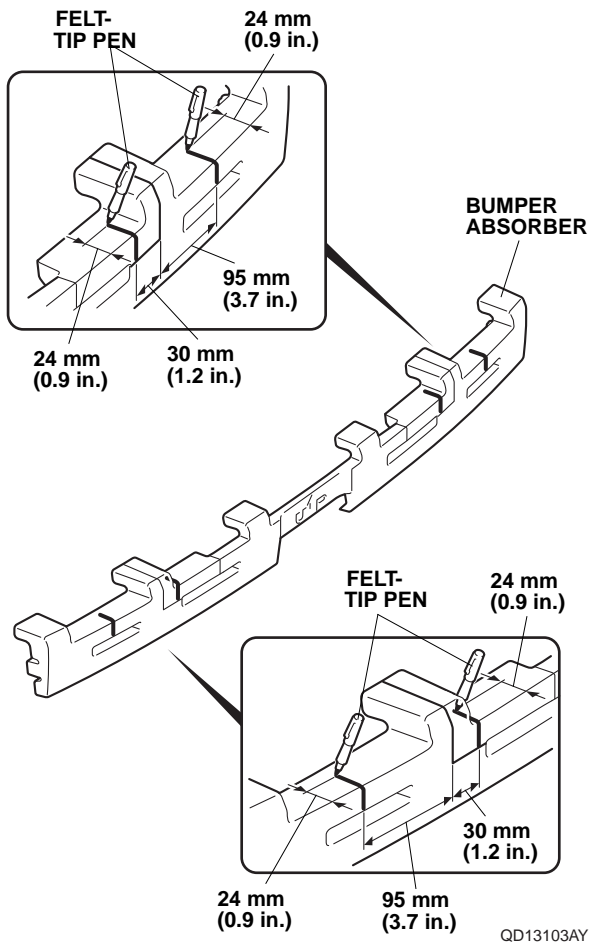
85. Using isopropyl alcohol on a shop towel, thoroughly clean the other side of the rear bumper where the aluminum tapes will attach.



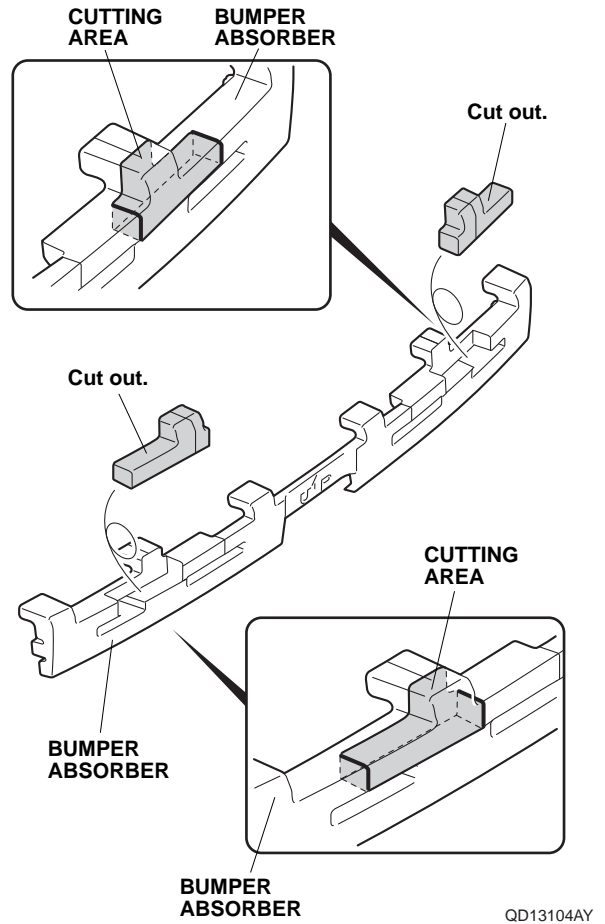
QD13008AY

86. Secure the subharness to the rear bumper with three aluminum tapes at the areas shown.

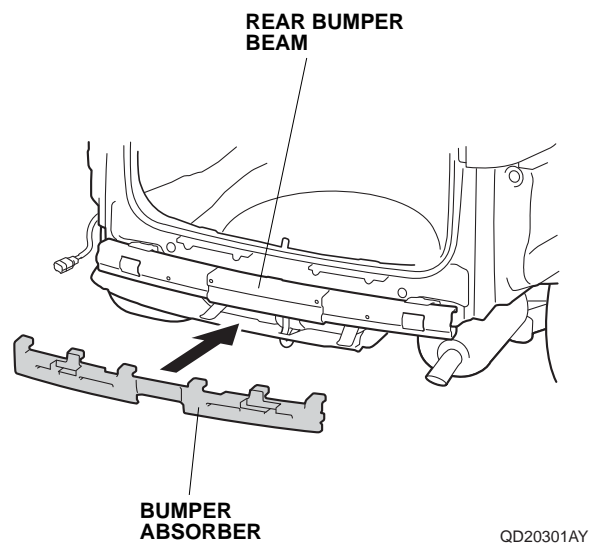
87. Using a felt-tip pen, mark the bumper absorber at the measurements shown.



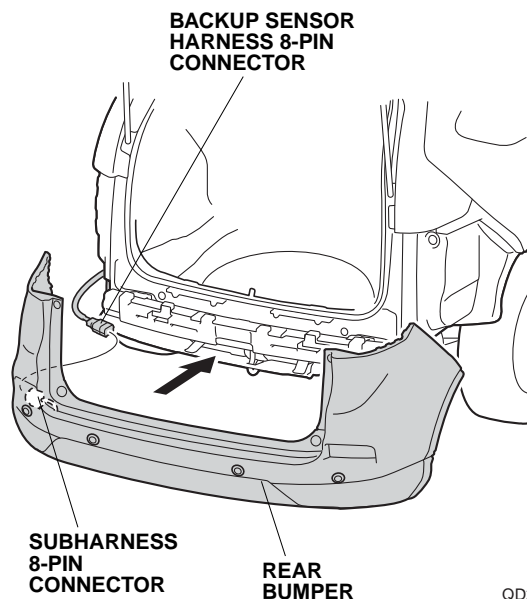
88. Using an utility knife, cut out the bumper absorber along the mark on each side of the bumper absorber.



89. Reinstall the bumper absorber to the rear bumper beam.



90. With the help of an assistant, bring the rear bumper to the vehicle, and plug the backup sensor harness 8-pin connector into the subharness 8-pin connector. Reinstall the rear bumper.



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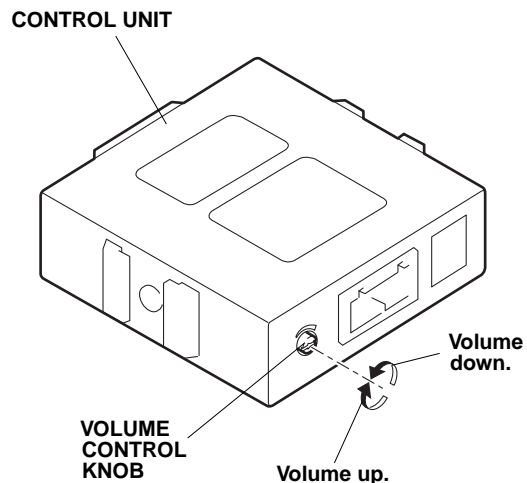
91. Check that all wire harnesses are routed properly and that all connectors are plugged in.  
92. Reinstall all removed parts.  
93. Reconnect the negative cable to the battery.  
94. Press and hold the radio power button for two seconds to restore the radio and navi (if equipped) system functions.  
95. Reset the clock on vehicle without navigation.

#### Check the Operation of the Backup Sensors

96. Check that the backup sensors work properly as described in the Accessory User's Information Manual supplied with the backup sensor kit.

#### Adjust the Volume Control

The factory setting is maximum volume. After confirming the operation, turn the volume control knob to the appropriate level, using a small flat-tip screwdriver. Do not force the adjuster as it could damage the unit.



771108AB

# TEMPLATE

