



HONDA INSTALLATION INSTRUCTIONS

Accessory
BACKUP SENSORS

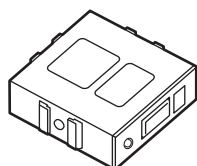
Application
2015 ODYSSEY

Publications No.
VERSION 1
Issue Date
JULY 2014

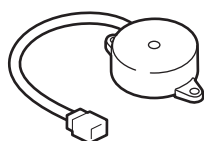
PARTS LIST

Backup Sensor Attachment Kit
P/N 08V67-TK8-100A

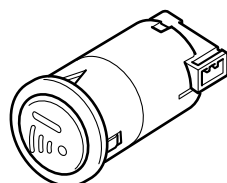
Control unit



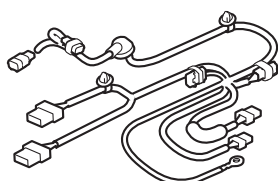
Buzzer



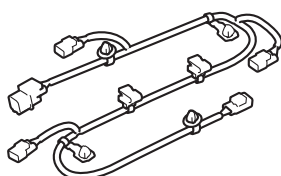
Switch



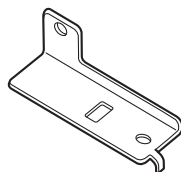
Backup sensor harness



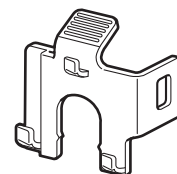
Subharness



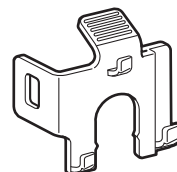
Control unit bracket



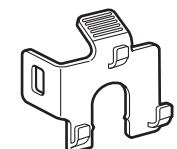
Right center sensor clip (Black)



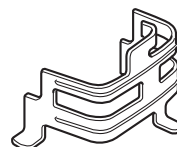
Left center sensor clip (White)



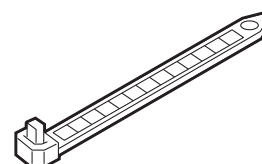
2 Corner sensor clips (White)



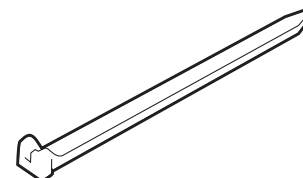
Switch bracket



12 Wire ties



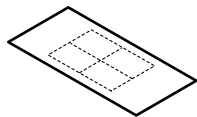
Narrow wire tie



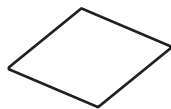
Flange bolt



Fuse label



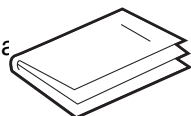
2 Aluminum tapes



Flange nut
(May not be used)

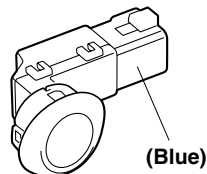


Accessory User's Information Manual

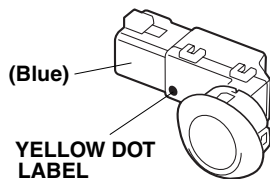


Backup Sensor Kit
P/N 08V67-TK8-100K

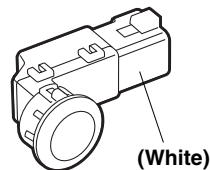
Right center sensor



Left center sensor



2 Corner sensors



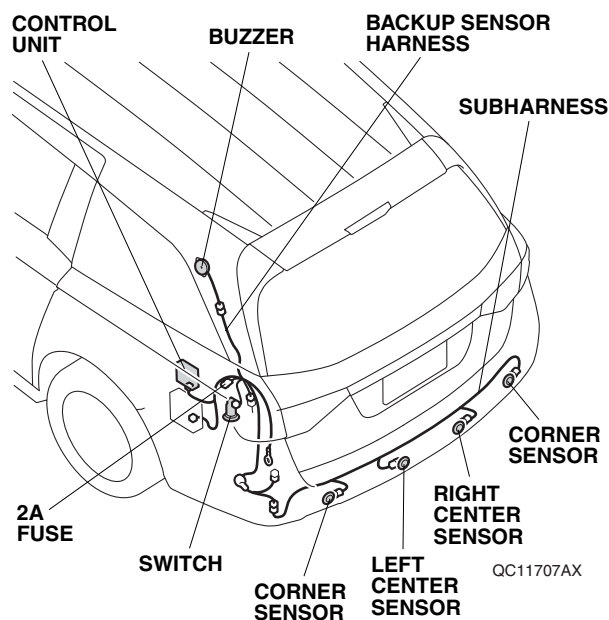
TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver
Small flat-tip screwdriver
10 mm Open end wrench
10 mm and 14 mm Sockets
Pushpin
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
Hex wrench
Diagonal cutters
Pliers
Masking tape

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

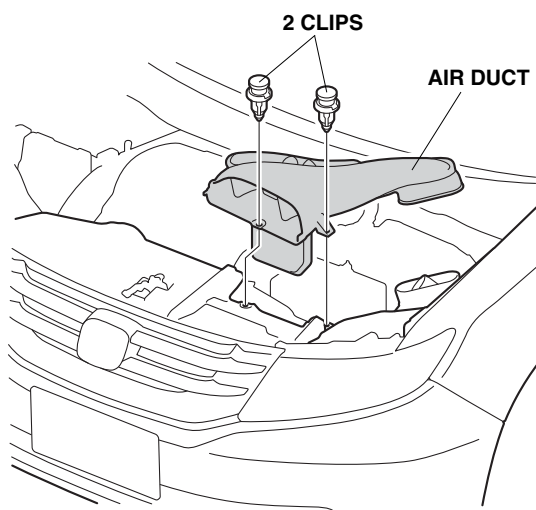


INSTALLATION

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. Open the tailgate.
2. Open the hood and remove the air duct (two clips).

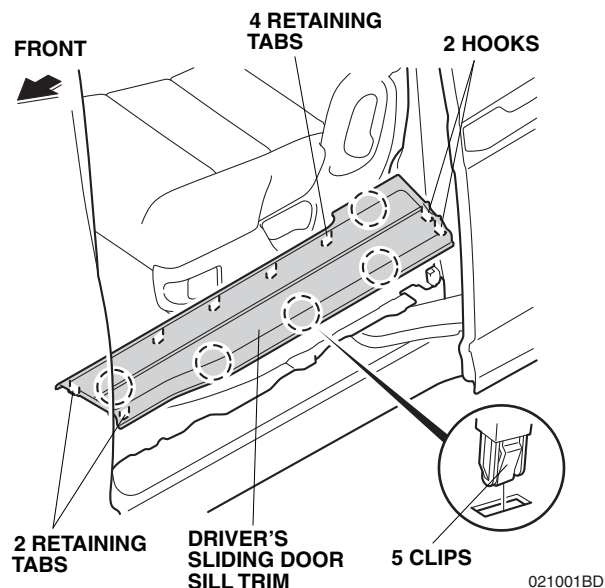


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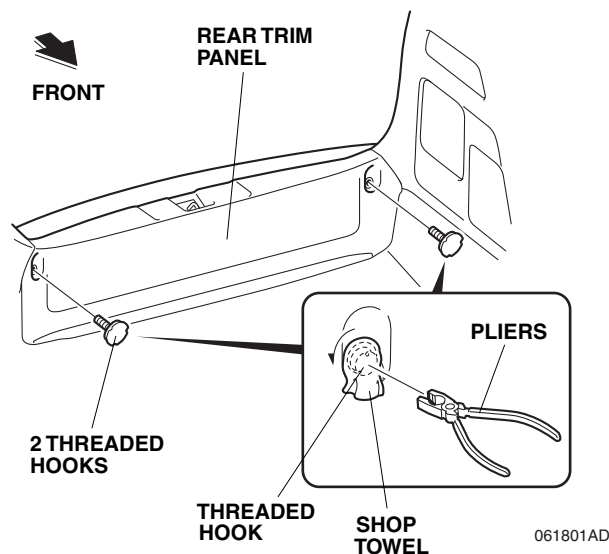
3. Disconnect the negative cable from the battery.

Removing the Vehicle Parts

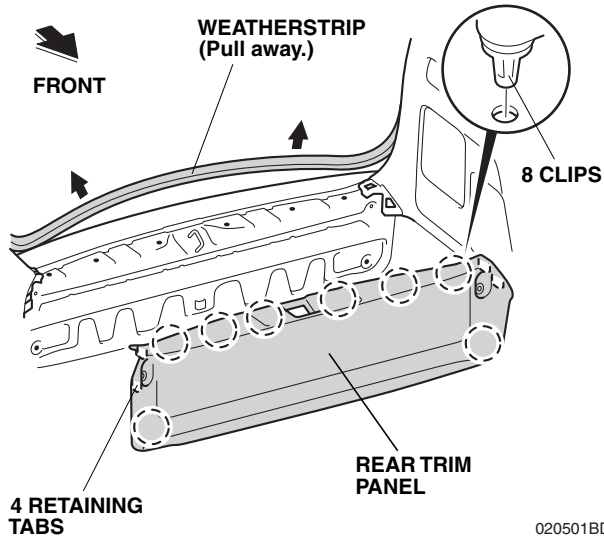
4. Remove the driver's sliding door sill trim (five clips, six retaining tabs, and two hooks).



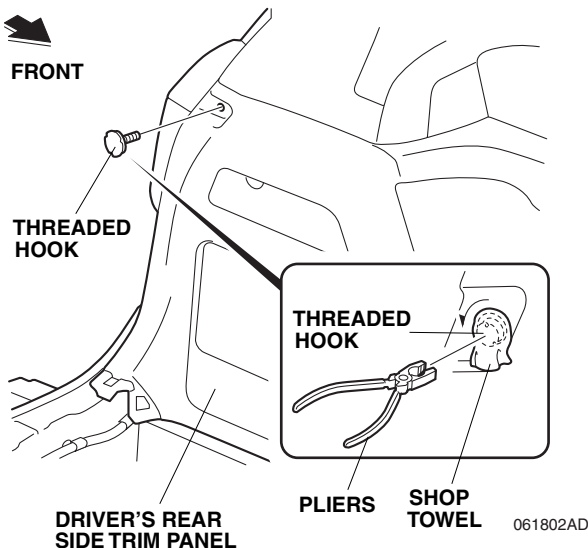
5. Remove the rear trim panel.
 - Using a shop towel and pliers, remove two threaded hooks.



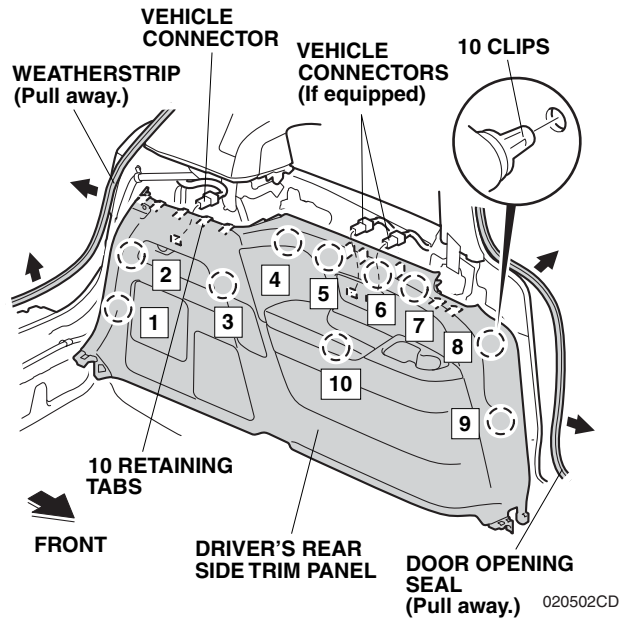
- Pull away the weatherstrip from around the rear trim panel.
- Gently pull out on the rear trim panel to release eight clips and four retaining tabs, and remove the rear trim panel.



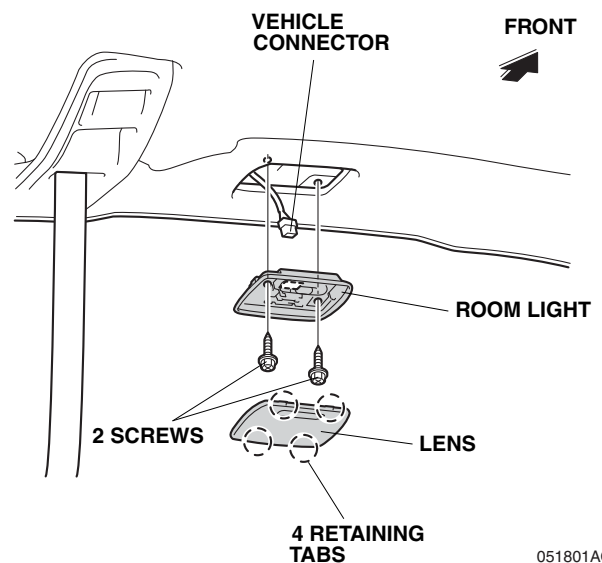
6. Remove the driver's rear side trim panel.
- Using a shop towel and pliers, remove the threaded hook.



- Fold down the third row seat.
- Pull away the weatherstrip from around the rear of the driver's rear side trim panel.
- Pull away the door opening seal from around the front of the driver's rear side trim panel.
- Gently pull out on the driver's rear side trim panel to release ten clips and ten retaining tabs.
- Unplug the vehicle connector, and remove the driver's rear side trim panel. If the vehicle is equipped the other vehicle connectors unplug the vehicle connectors.

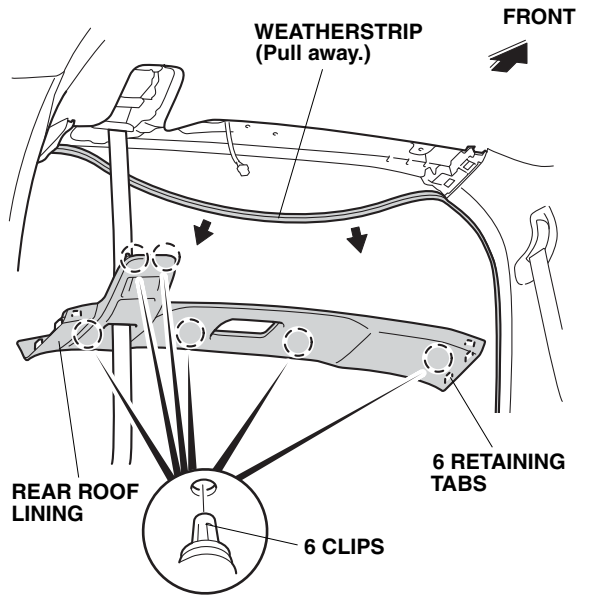


7. Remove the lens from the room light (four retaining tabs).



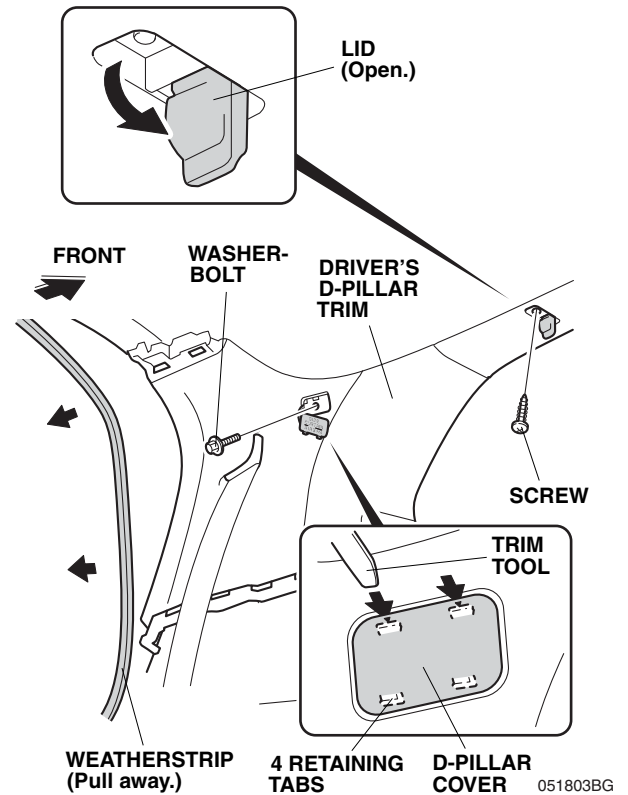
8. Remove the room light (two screws and unplug the vehicle connector).

9. Remove the rear roof lining (six retaining tabs and six clips).
 - Pull away the weatherstrip from around the rear roof lining.



051802AG

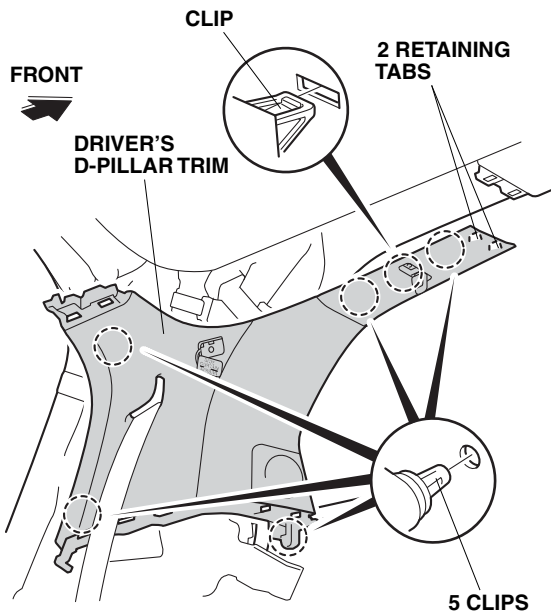
10. Using a trim tool, remove the D-pillar cover (four retaining tabs).
 - Pull away the weatherstrip from around the driver's D-pillar trim.



051803BG

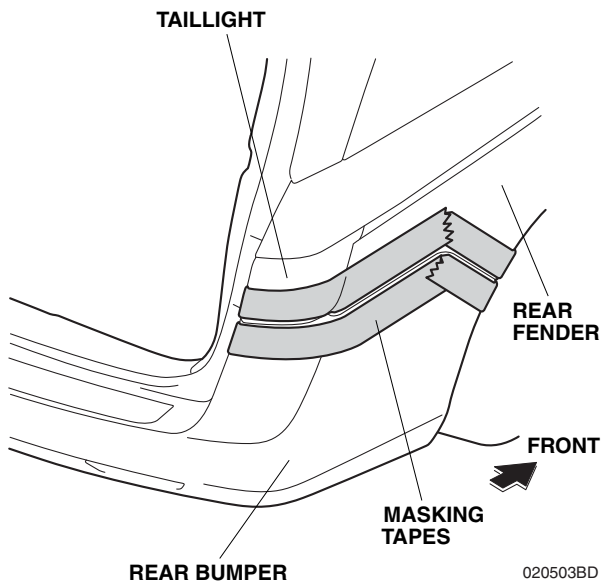
11. Remove the washer-bolt from the driver's D-pillar.
12. Open the lid, remove the screw from the driver's D-pillar.

13. Remove the driver's D-pillar trim (two retaining tabs and six clips).



020501CG

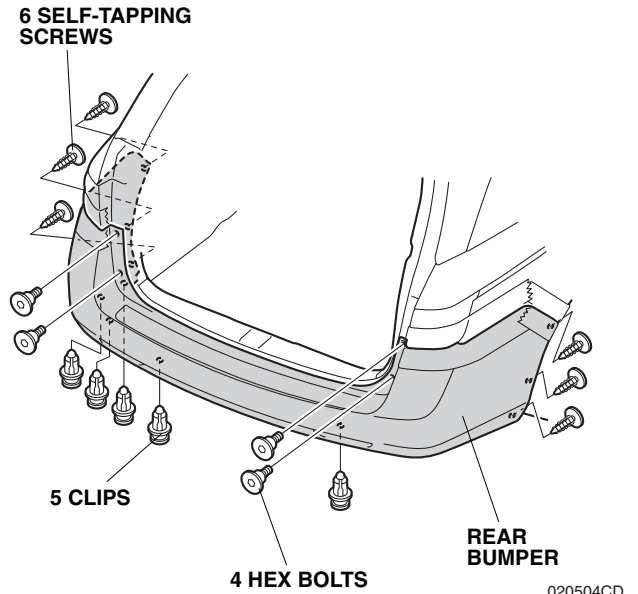
14. On each side of the rear bumper, attach the masking tapes to the rear bumper, taillight and rear fender as shown.



020503BD

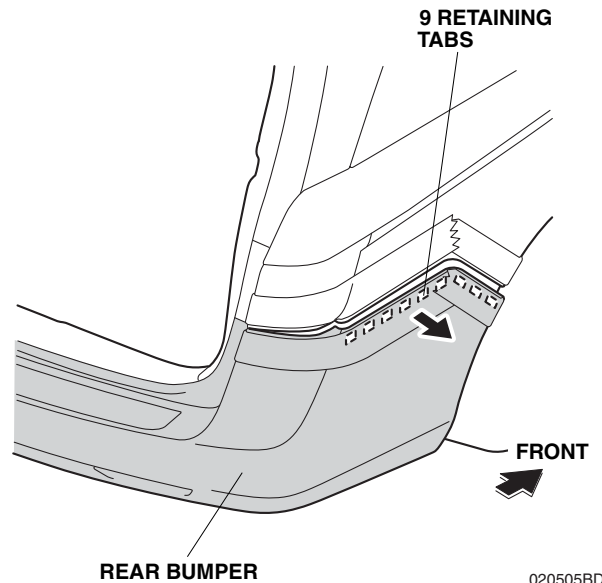
15. Remove the rear bumper.

- Remove six self-tapping screws, four hex bolts, and five clips.



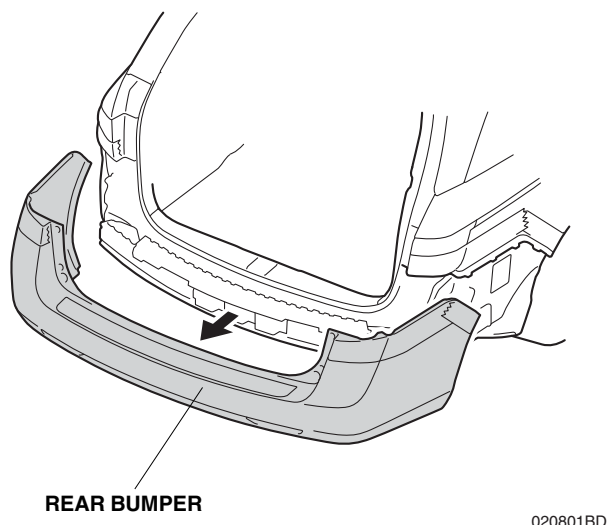
020504CD

- On each side, release nine retaining tabs.



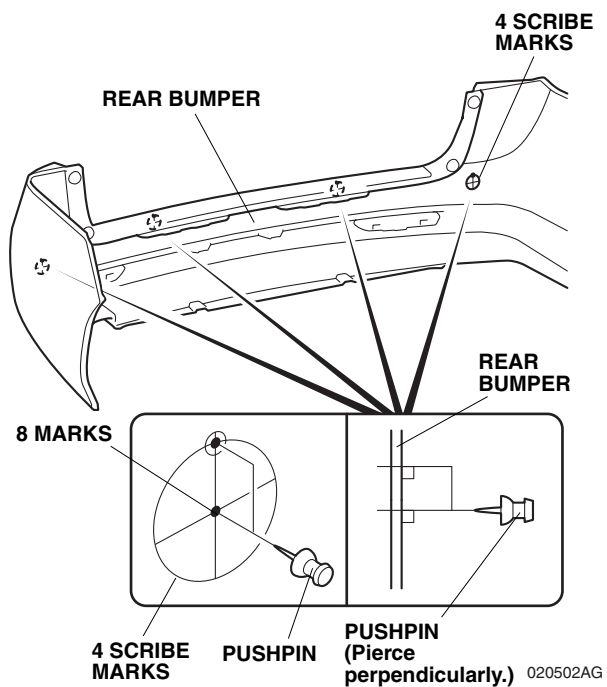
020505BD

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



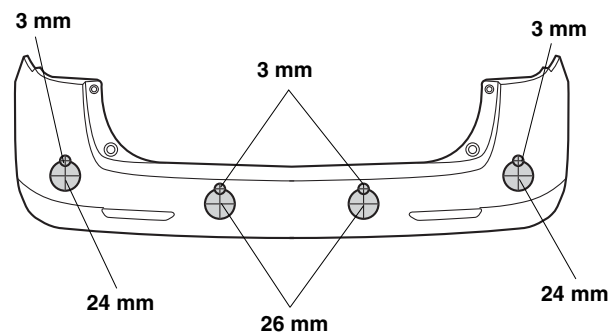
Installing the Backup Sensors

16. From inside of the rear bumper, use a pushpin to pierce eight marks as shown.
NOTE: Make sure to pierce the scribe marks perpendicularly to the rear bumper.



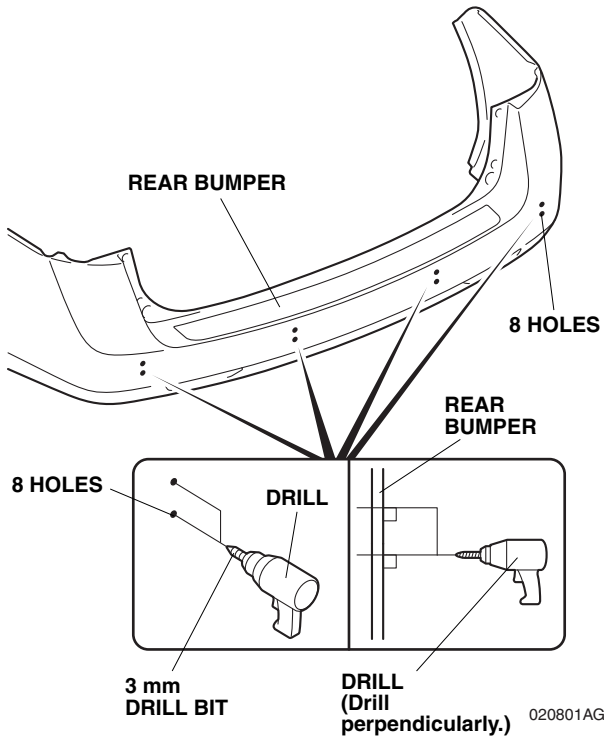
NOTE:

- Proceed with the installation according to the illustration below.
- Make sure to check the scribe marks on the inside the rear bumper before proceeding with the next step. Pierce the center of the scribe mark from the “inside” of the rear bumper and drill the holes from the “outside” of the rear bumper.

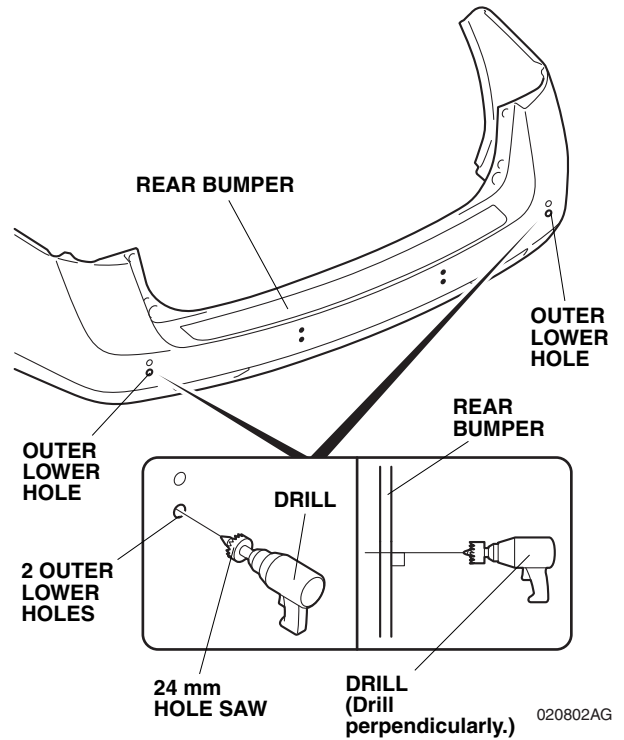


020503BG

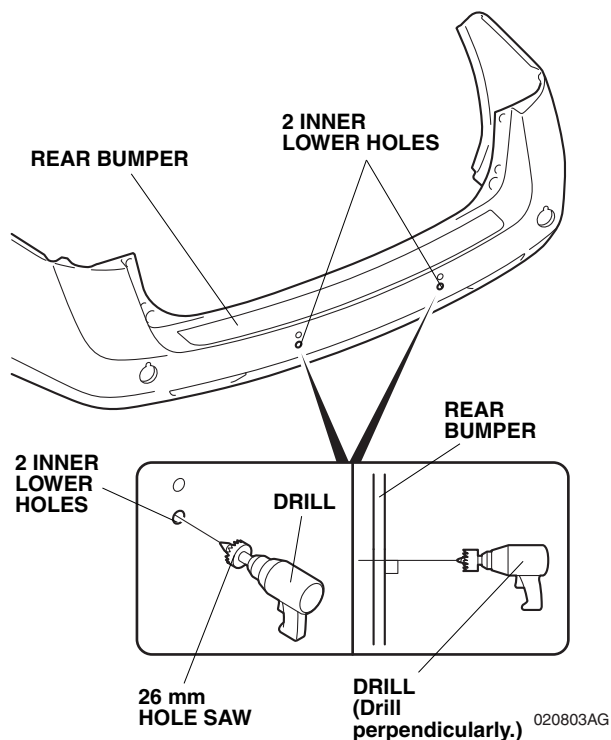
17. From outside of the rear bumper, while wearing eye protection, drill eight holes with a 3 mm drill bit.
NOTE: Make sure to drill perpendicularly to the rear bumper.



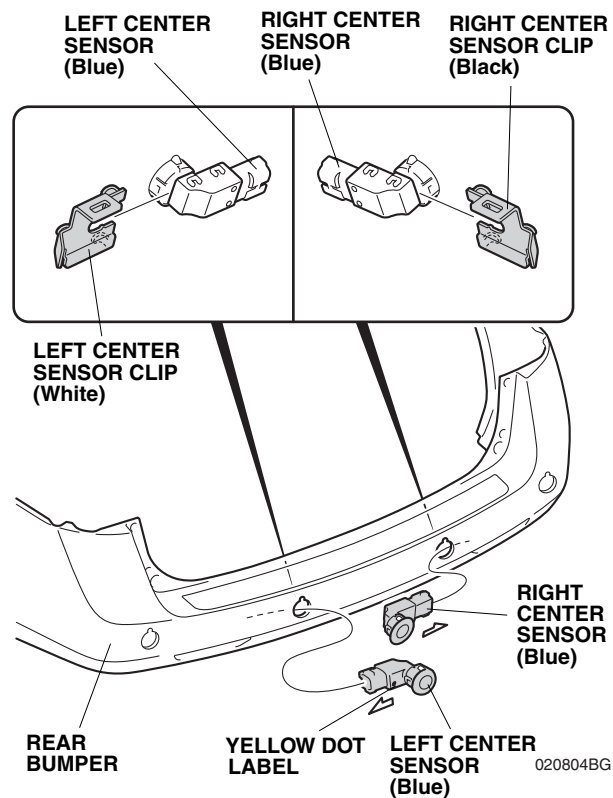
18. From outside of the rear bumper, drill two outer lower holes with a 24 mm hole saw.
NOTE: Make sure to drill perpendicularly to the rear bumper. Remove any burrs.



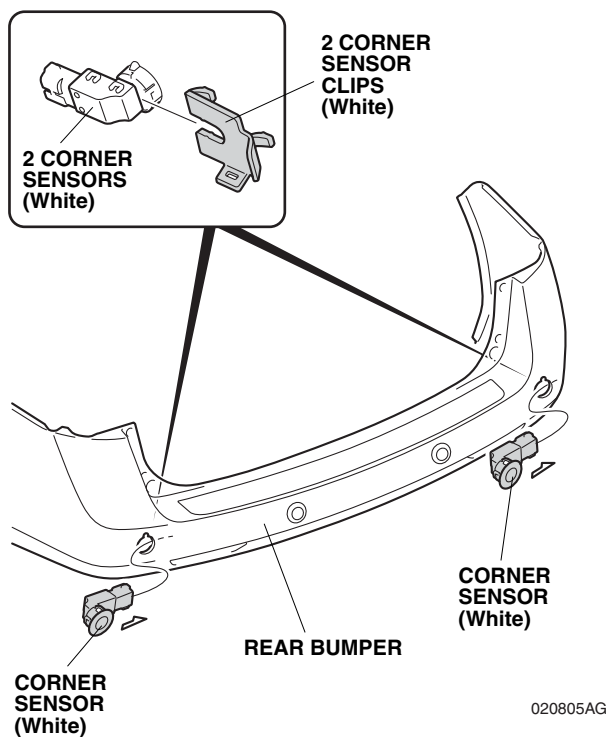
19. From outside of the rear bumper, drill two inner lower holes with a 26 mm hole saw.
NOTE: Make sure to drill perpendicularly to the rear bumper. Remove any burrs.



20. Insert the right center sensor (Blue) and left center sensor (Blue) to the rear bumper.
NOTE: The left center sensor (Blue) has the yellow dot label.



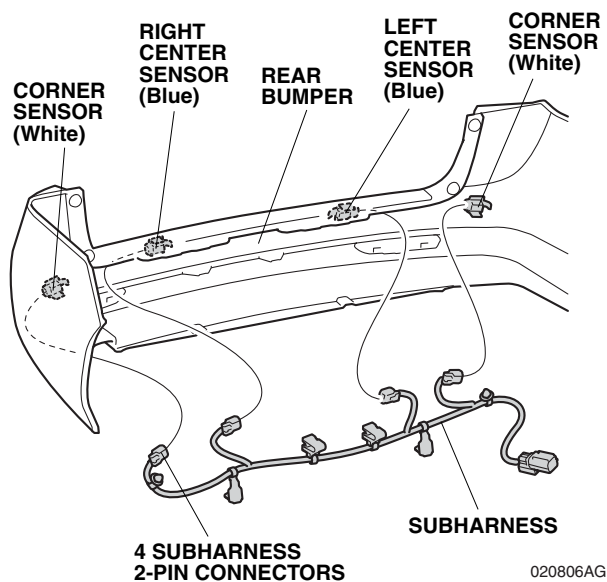
21. Secure the right center sensor (Blue) with right center sensor clip (Black) and the left center sensor (Blue) with left center sensor clip (White) as shown.
22. Insert two corner sensors (White) to the rear bumper.



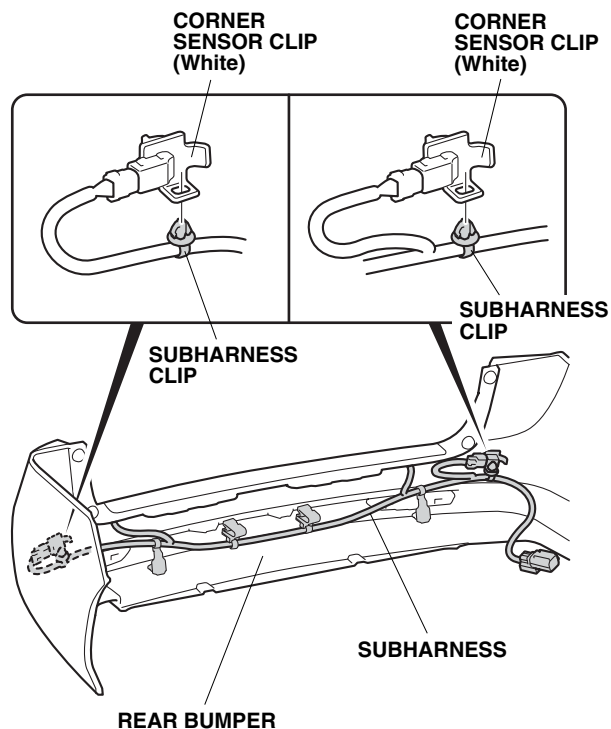
23. Secure two corner sensors (White) with two corner sensor clips (White) as shown.

Routing the Subharness

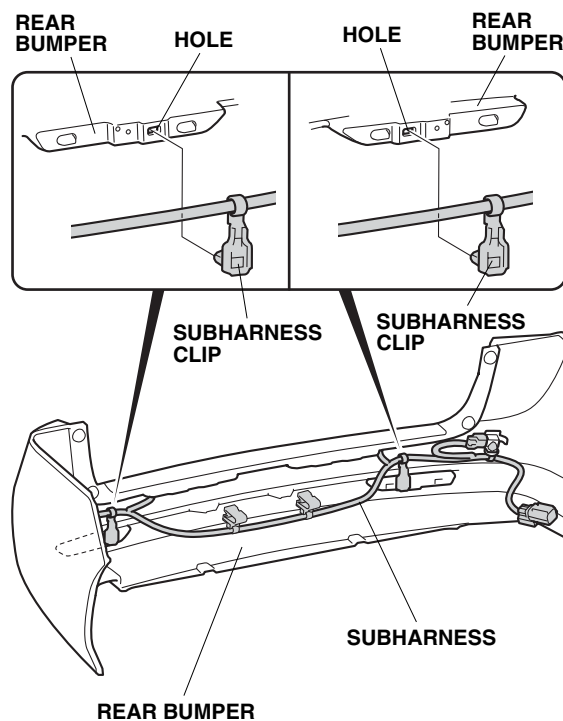
24. Plug four subharness 2-pin connectors to the right center sensor (Blue), left center sensor (Blue) and two corner sensors (White).



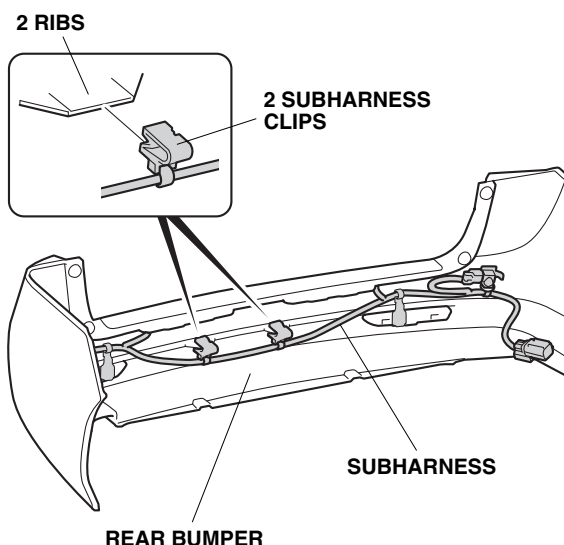
25. Secure two subharness clips (White) to two corner sensor clips (White) as shown.



26. Secure two subharness clips to two holes on the rear bumper as shown.



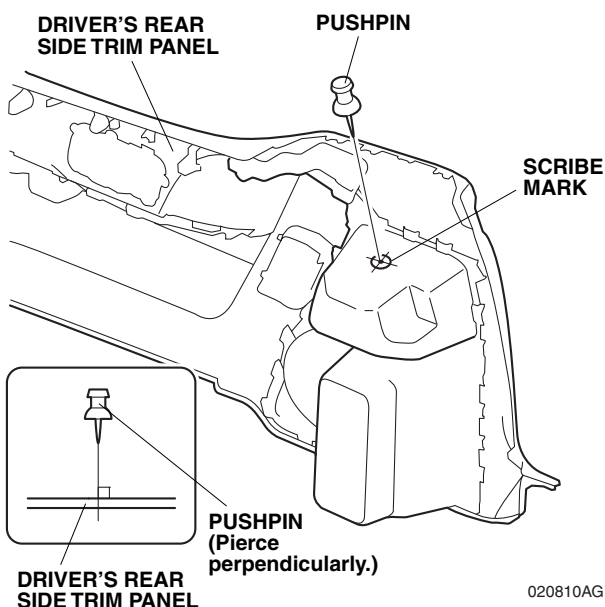
27. Secure two subharness clips to two ribs on the rear bumper as shown.



020809AG

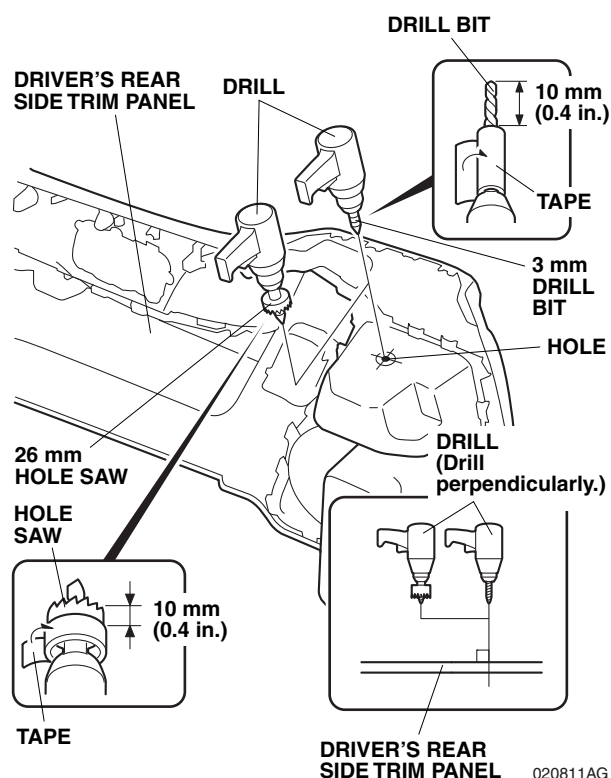
Installing the Switch

28. From inside of the driver's rear side trim panel, use a pushpin to pierce one scribe mark as shown.
NOTE: Make sure to pierce the scribe mark perpendicularly to the driver's rear side trim panel.



020810AG

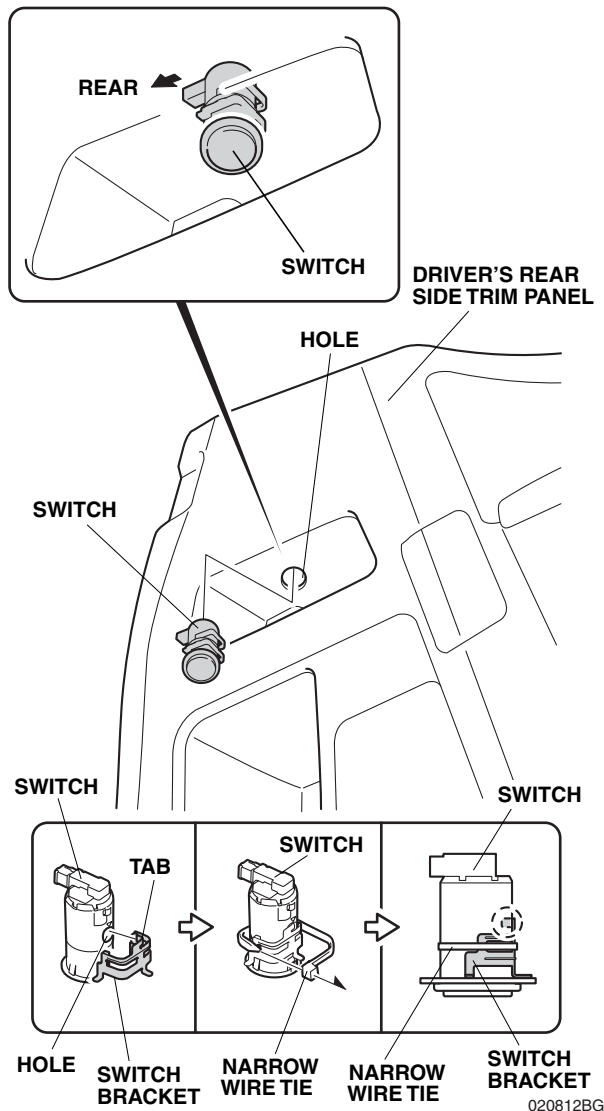
29. Wrap a tape around the drill bit 10 mm away from the tip to the root as shown.



020811AG

30. From inside of the driver's rear side trim panel, wear an eye protection and drill one hole with a 3 mm drill bit.
NOTE: Make sure to drill perpendicularly to the driver's rear side trim panel. Do not damage the driver's rear side trim panel.
31. Wrap a tape around the hole saw 10 mm away from the tip.
32. Drill one hole with a 26 mm hole saw.
NOTE: Make sure to drill perpendicularly to the driver's rear side trim panel. Do not damage the driver's rear side trim panel. Remove any burrs.

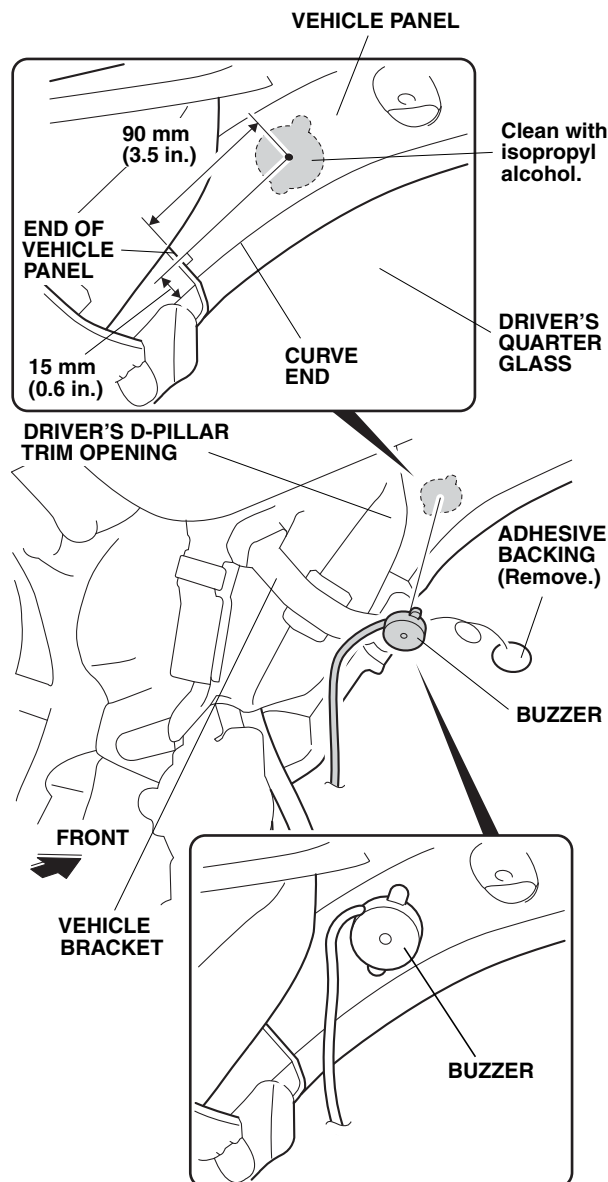
33. Install the switch to the driver's rear side trim panel.
NOTE: Make sure the switch is installed in the correct orientation.



34. Align the tab on the switch bracket to 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 driver's rear side trim panel and secure it with one narrow wire tie. Make sure that there is no clearance between the switch and driver's rear side trim panel.

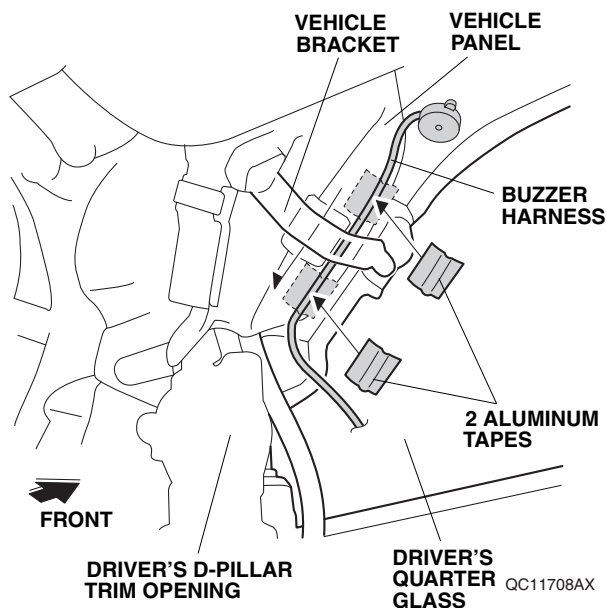
Installing the Buzzer

35. Using an isopropyl alcohol on a shop towel, thoroughly clean the area where the buzzer will attach.



36. Remove the adhesive backing from the buzzer and attach it to the vehicle panel as shown.
NOTE: Make sure the buzzer is attached in the correct orientation.

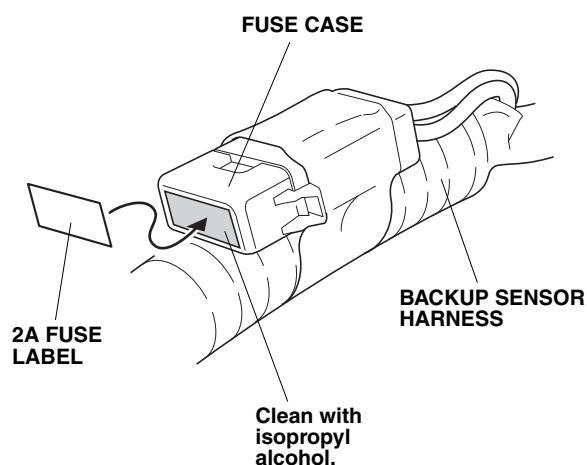
37. Route the buzzer harness as shown.



38. Using an isopropyl alcohol on a shop towel, thoroughly clean the areas where the aluminum tapes will attach.
39. Secure the buzzer harness to the vehicle panel with two aluminum tapes.

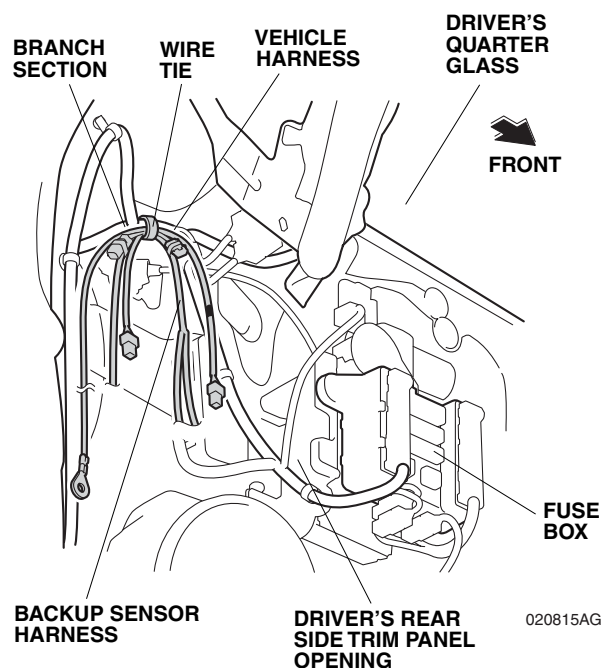
Routing the Backup Sensor Harness and Installing the Control Unit

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



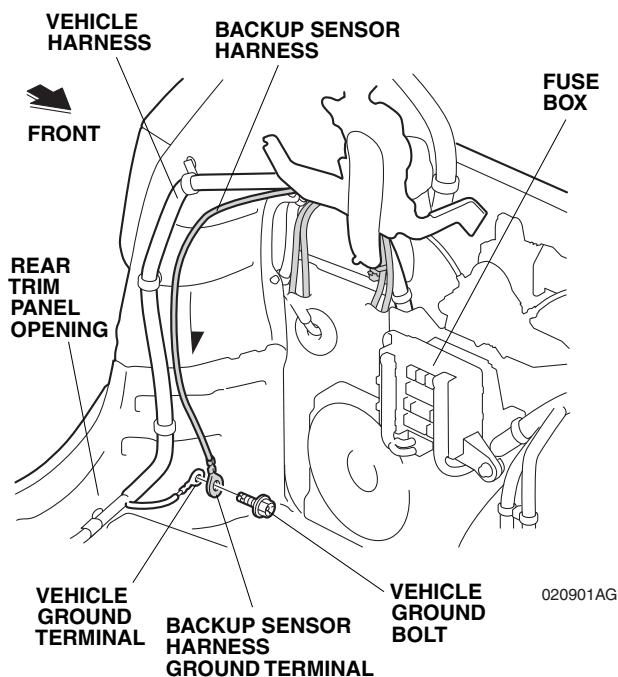
3N24080B

41. Secure the backup sensor harness to the vehicle harness with one wire tie as shown.



020815AG

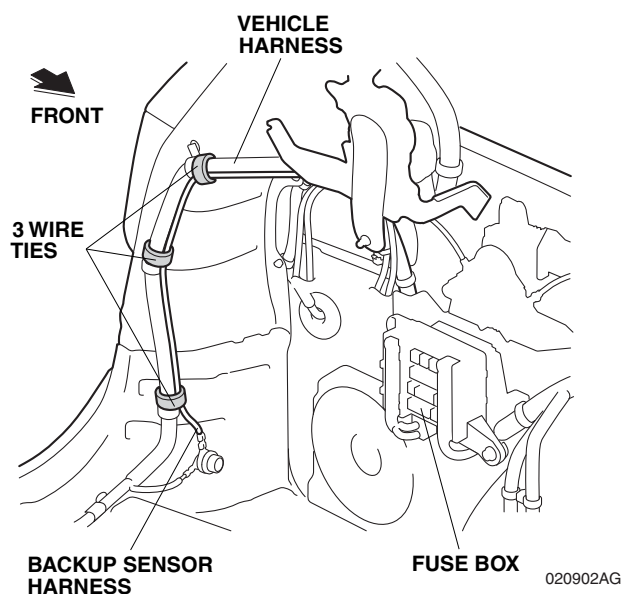
42. Route the backup sensor harness ground terminal along the vehicle harness.



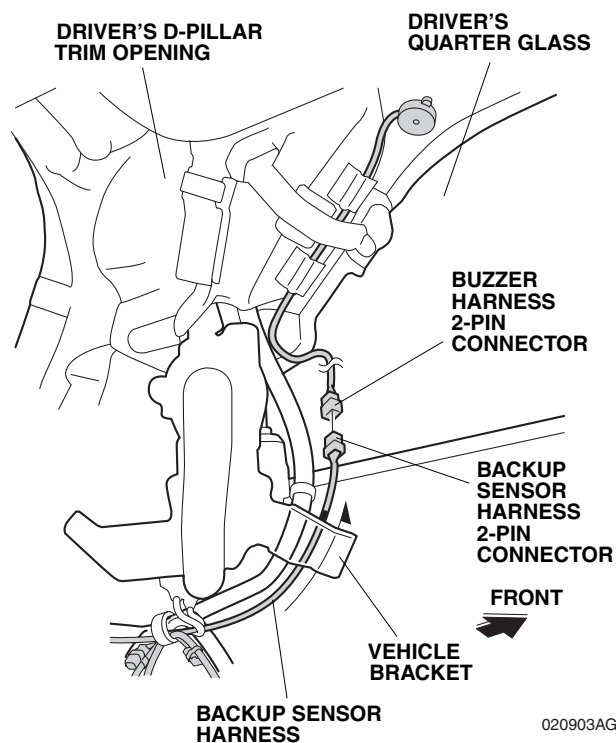
020901AG

43. Remove one vehicle ground bolt and secure the backup sensor harness ground terminal to the vehicle ground terminal with the vehicle ground bolt just removed.

44. Secure the backup sensor harness to the vehicle harness with three wire ties.

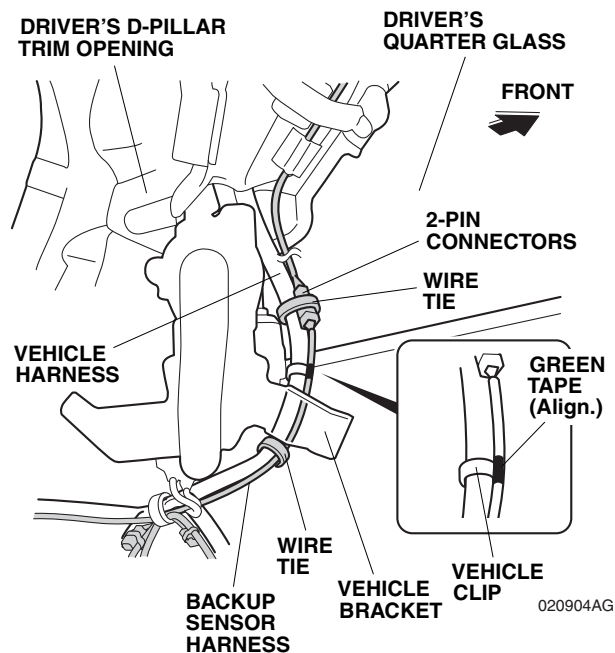


45. Route the backup sensor harness 2-pin connector along the vehicle harness.



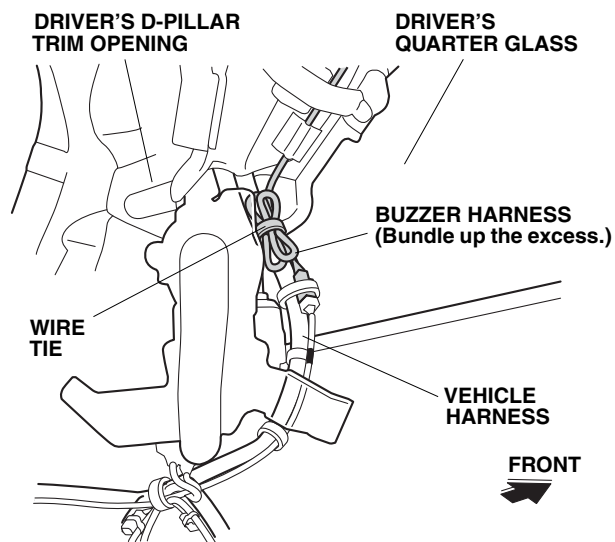
46. Plug the backup sensor harness 2-pin connector to the buzzer harness 2-pin connector.

47. Align the green tape on the backup sensor harness to the vehicle clip, and secure the 2-pin connectors to the vehicle harness with one wire tie.

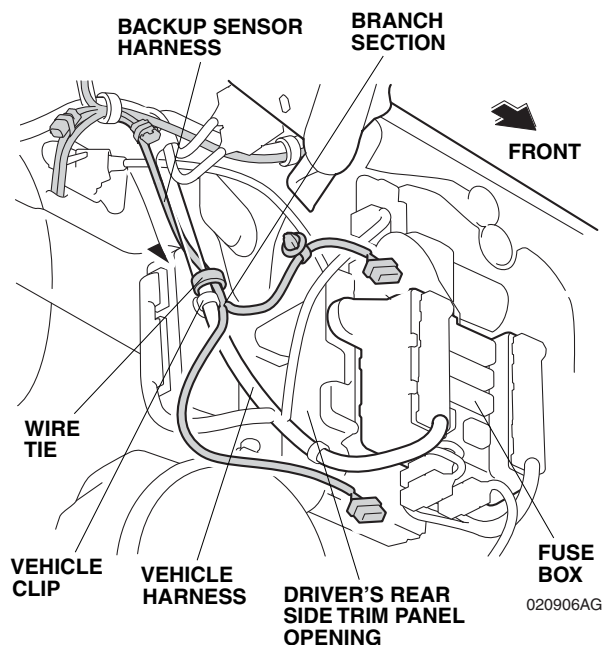


48. Secure the backup sensor harness to the vehicle harness with one wire tie.

49. Bundle up the excess buzzer harness, and secure it to the vehicle harness with one wire tie.



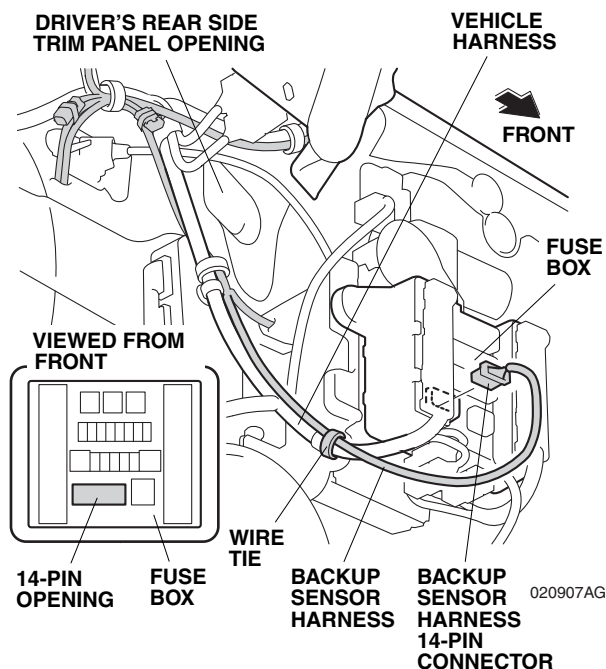
50. Route the backup sensor harness along the vehicle harness, and secure it to the vehicle harness with one wire tie as shown.



If the vehicle is equipped with the trailer hitch, go to step 53; otherwise, continue with step 51.

Without trailer hitch

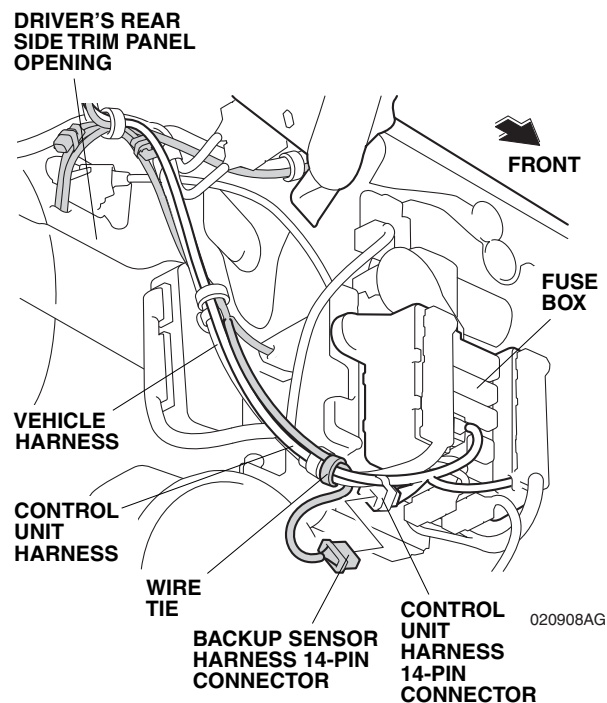
51. Plug the backup sensor harness 14-pin connector to the fuse box.



52. Secure the backup sensor harness to the vehicle harness with one wire tie. Go to step 55.

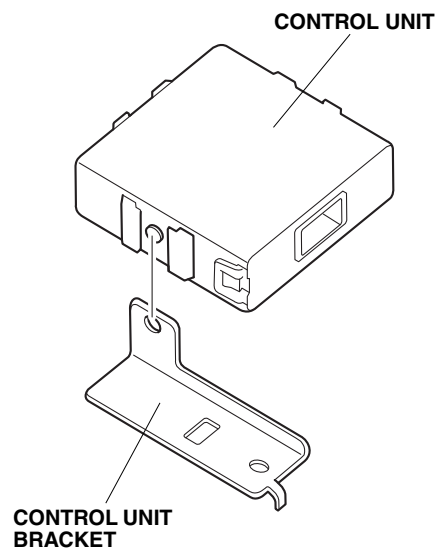
With trailer hitch

53. Plug the backup sensor harness 14-pin connector to the control unit harness 14-pin connector.



54. Secure the backup sensor harness to the vehicle harness and control unit harness with one wire tie.

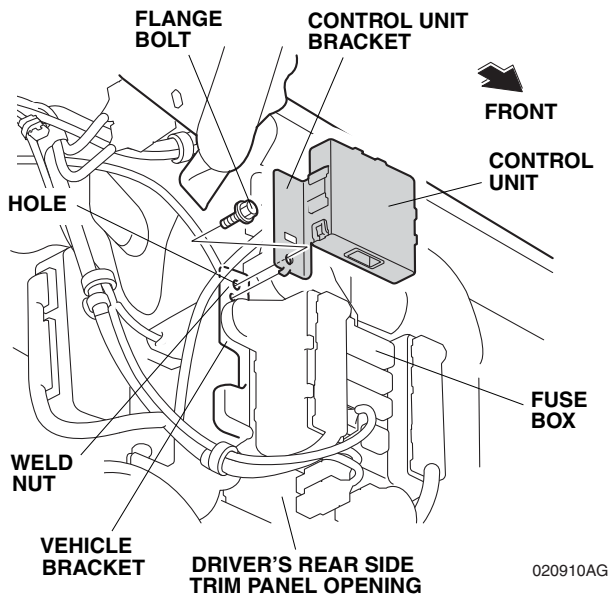
55. Install the control unit bracket to the control unit.



If the vehicle is equipped with the weld nut on the vehicle bracket, continue with step 56; otherwise, go to step 57.

With weld nut

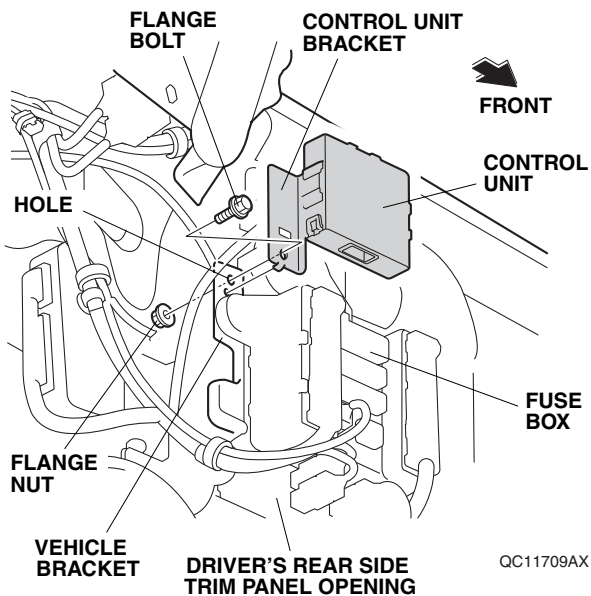
56. Align the control unit bracket to the hole on the vehicle bracket, and secure it to the vehicle bracket with one flange bolt. Go to step 58.



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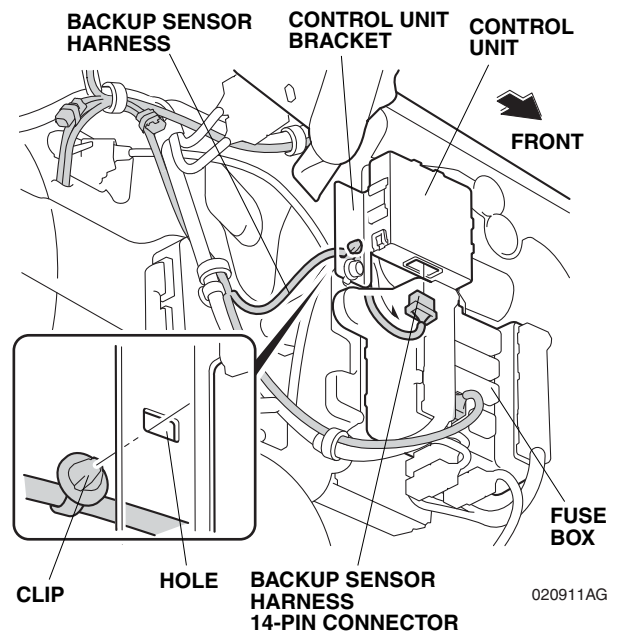
Without weld nut

57. Align the control unit bracket to the hole on the vehicle bracket, and secure it to the vehicle bracket with one flange bolt and one flange nut.



QC11709AX

58. Route the backup sensor harness 14-pin connector, and plug it to the control unit.



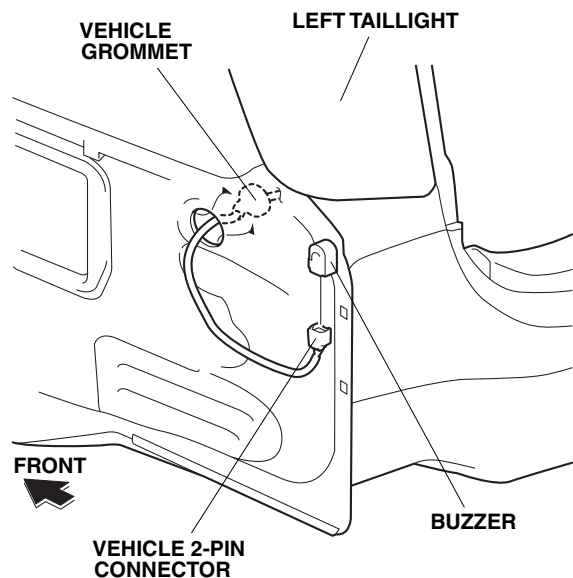
020911AG

59. Secure the clip on the backup sensor harness to the hole on the control unit bracket as shown.

If the vehicle is equipped with the power tailgate, continue with step 60; otherwise, go to step 69.

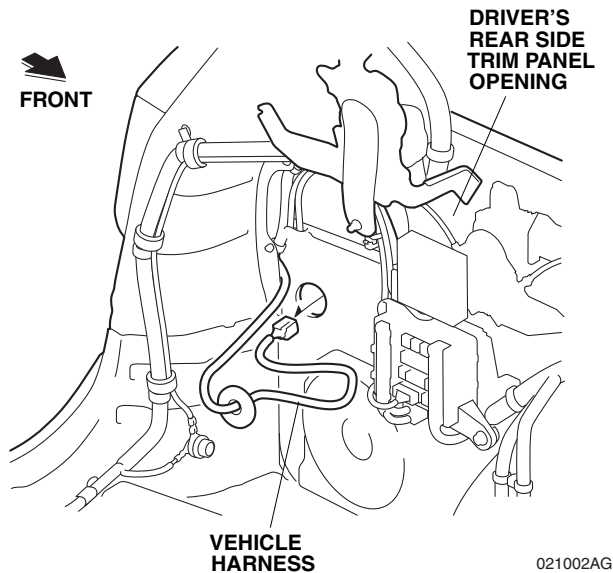
With power tailgate

60. Unplug the vehicle 2-pin connector from the buzzer.



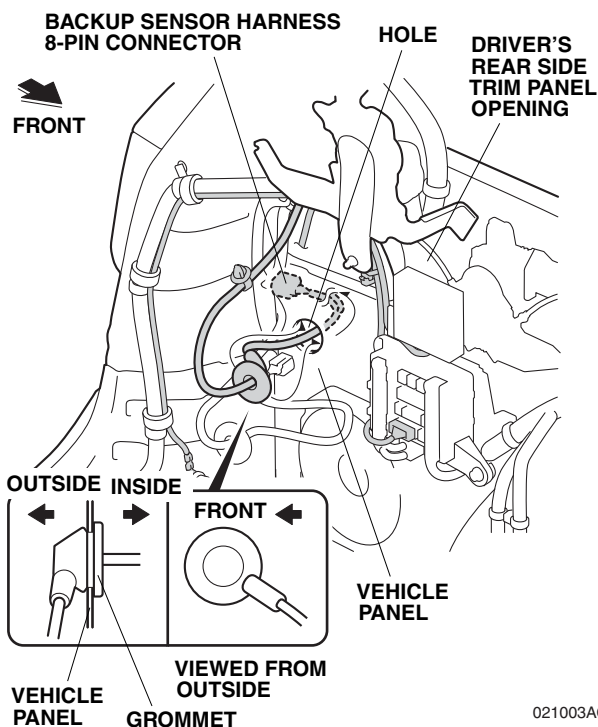
021001BG

61. Release the vehicle grommet.
NOTE: Do not pull on the vehicle harness when releasing the vehicle grommet.
62. Pull out the vehicle harness from the inside of the vehicle.



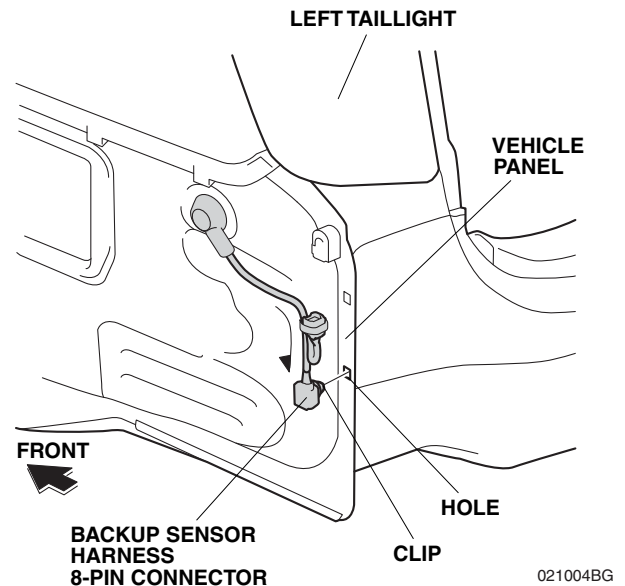
021002AG

63. Route the backup sensor harness 8-pin connector through the hole, and secure the grommet on the backup sensor harness to the vehicle panel as shown.
NOTE: Do not pull on the backup sensor harness when installing the grommet.



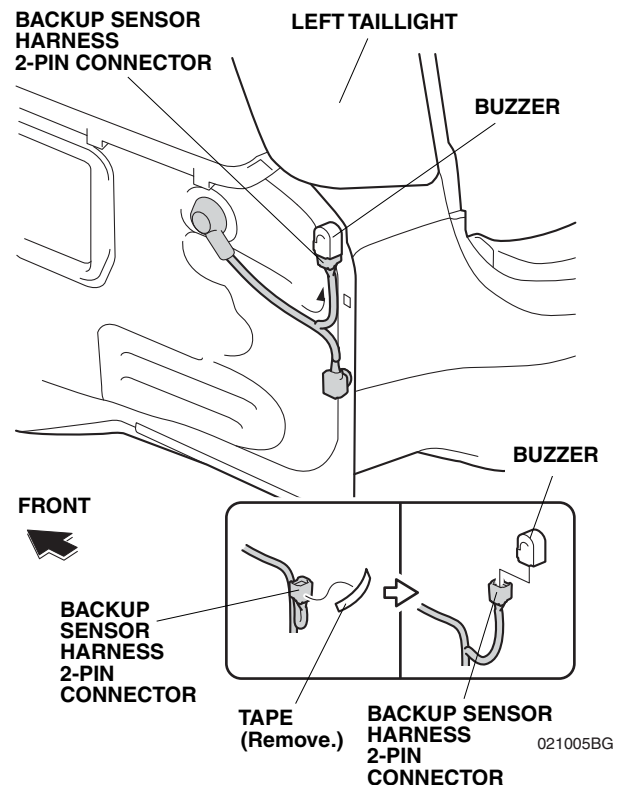
021003AG

64. Route the backup sensor harness 8-pin connector, and secure the clip on the backup sensor harness 8-pin connector to the hole on the vehicle panel.



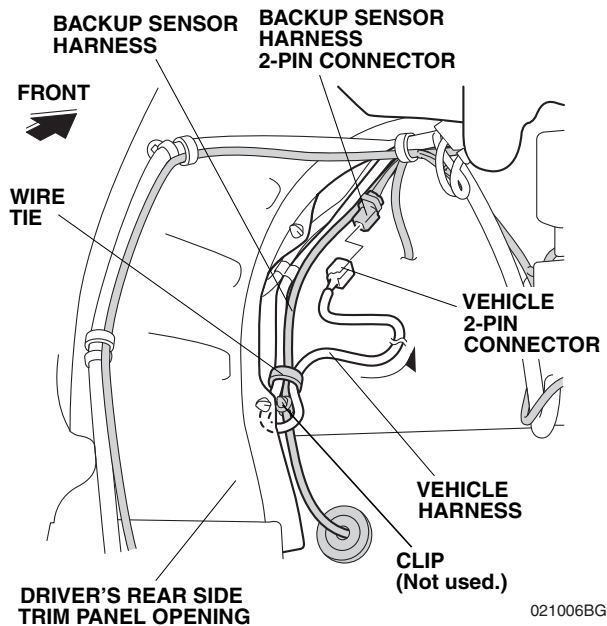
021004BG

65. Remove the tape from the backup sensor harness, and plug the backup sensor harness 2-pin connector to the buzzer.



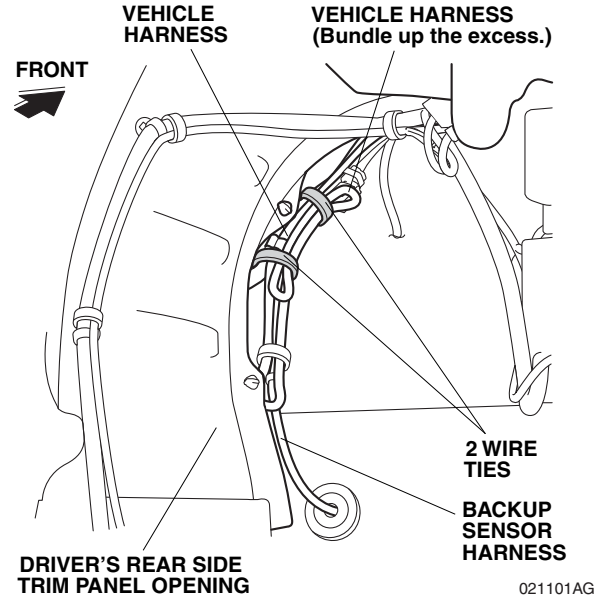
021005BG

66. Route the vehicle 2-pin connector, and plug it to the backup sensor harness 2-pin connector.



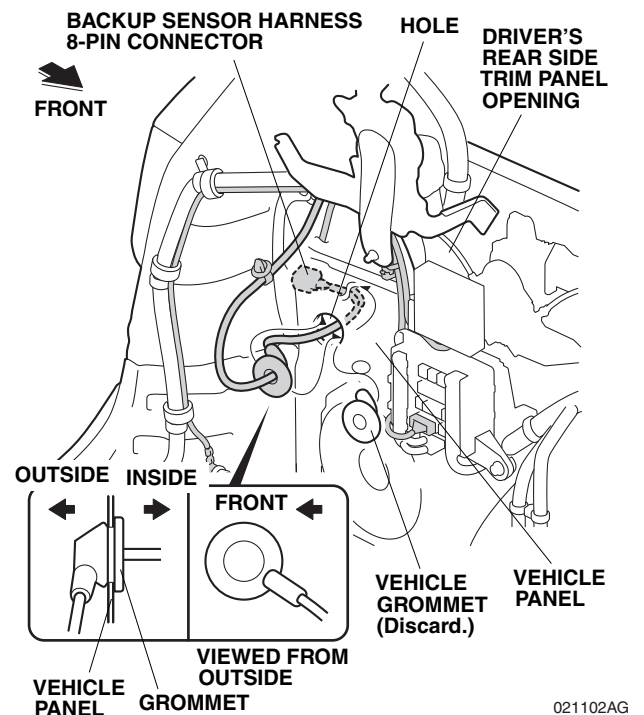
67. Secure the vehicle harness and backup sensor harness to the vehicle harness with one wire tie as shown.
NOTE: Clip on the backup sensor harness is not used for the vehicle equipped with the power tailgate.

68. Bundle up the excess vehicle harness, and secure it and backup sensor harness to the vehicle harness with two wire ties. Go to step 74.



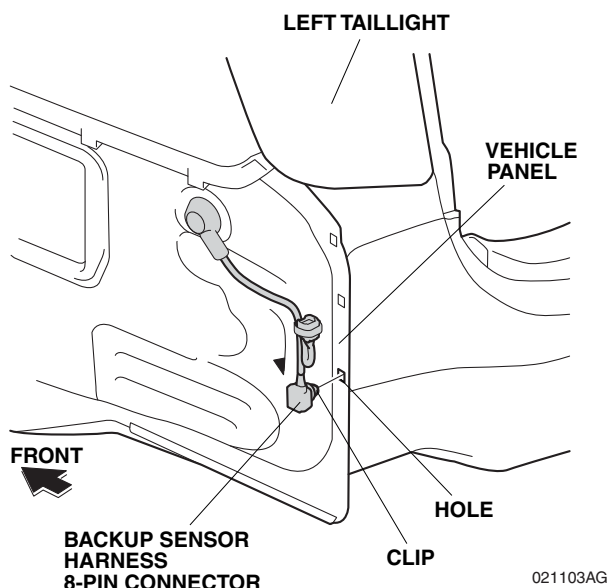
Without power tailgate

69. Remove the vehicle grommet from the vehicle panel.

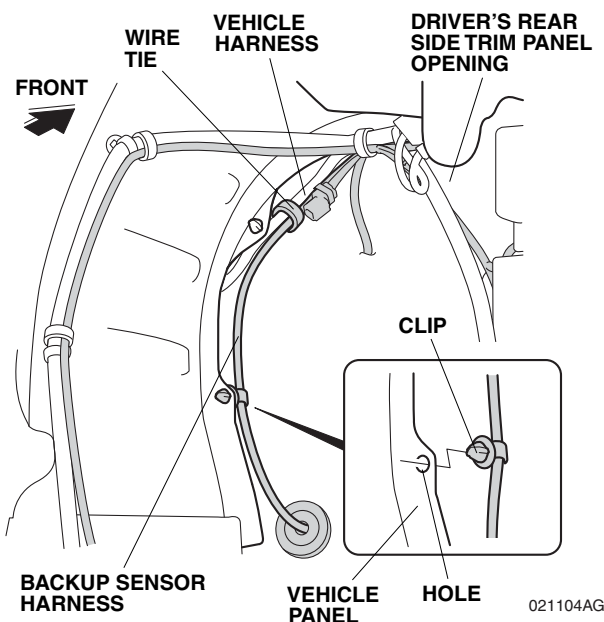


70. Route the backup sensor harness 8-pin connector through the hole, and secure the grommet on the backup sensor harness to the vehicle panel as shown.
NOTE: Do not pull on the backup sensor harness when installing the grommet.

71. Route the backup sensor harness 8-pin connector, and secure the clip on the backup sensor harness 8-pin connector to the hole on the vehicle panel.

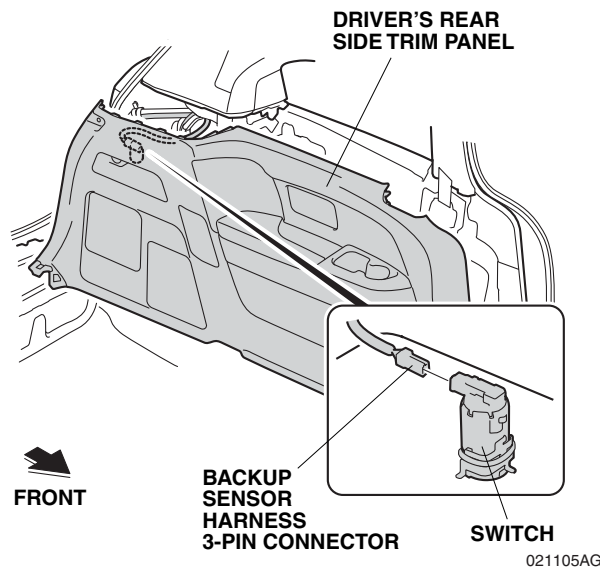


72. Secure the clip on the backup sensor harness to the hole on the vehicle panel as shown.



73. Secure the backup sensor harness to the vehicle harness with one wire tie.

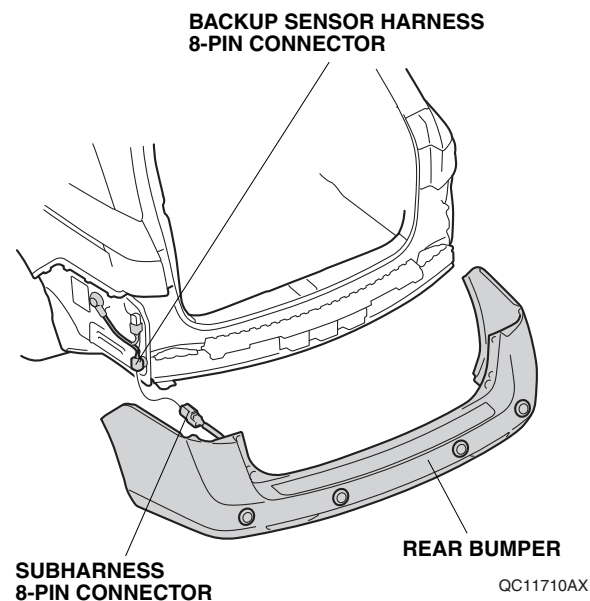
74. Reinstall the driver's D-pillar trim.



75. Bring the driver's rear side trim panel to the vehicle, and plug the backup sensor harness 3-pin connector to the switch.

76. Reinstall the driver's rear side trim panel.

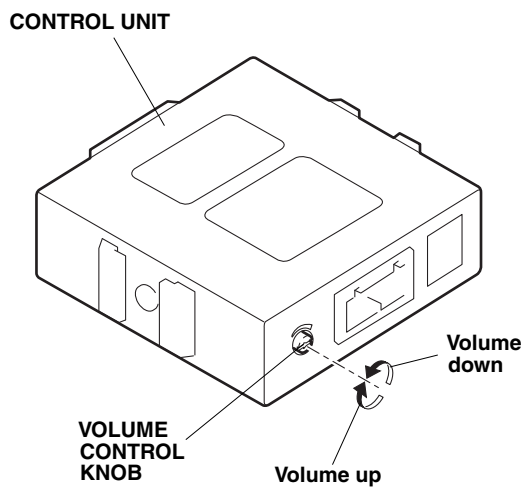
77. With the help of an assistant, bring the rear bumper to the vehicle, and plug the subharness 8-pin connector to the backup sensor harness 8-pin connector. Reinstall the rear bumper.



78. Check that all wire harnesses are routed properly and that all connectors are plugged in.
79. Reconnect the negative cable to the battery.
80. Reset the clock.
81. Reinstall all removed parts.
82. If the vehicle is equipped with the power tailgate, check operation by opening and closing the power tailgate.
83. 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.



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