

HONDA
INSTALLATION
INSTRUCTIONS

Accessory
BACKUP SENSORS

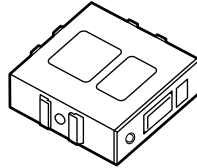
Application
2010 ODYSSEY

Publications No.
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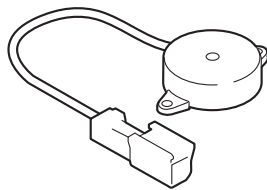
PARTS LIST

Backup Sensor Attachment Kit
P/N 08V67-SHJ-101C

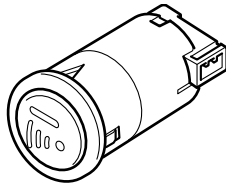
Backup sensor control unit



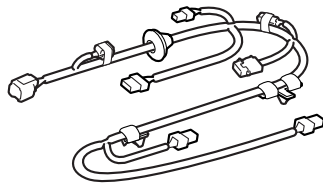
Buzzer



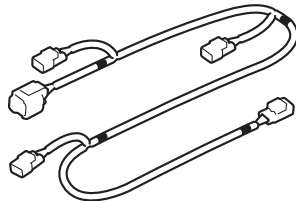
Switch



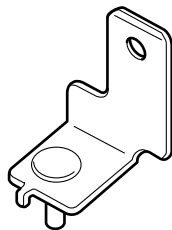
Backup sensor harness



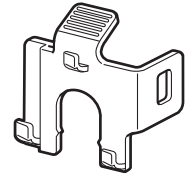
Backup sensor subharness



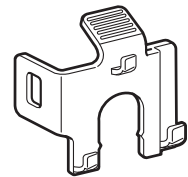
Control unit bracket



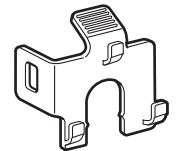
Right center sensor clip (Black)



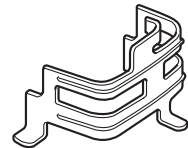
Left center sensor clip (White)



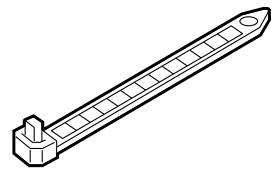
2 Corner sensor clips



Switch bracket



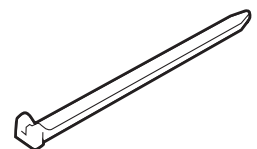
16 Wire ties



2 Wire ties with clip



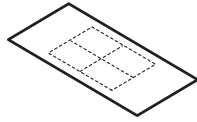
Small wire tie



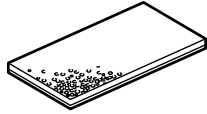
6 mm Flange nut



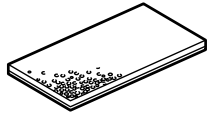
Fuse label



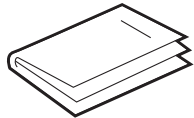
2 Urethane tapes



3 Harness tapes
(Silver)

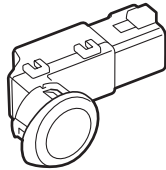


Accessory User's Information Manual

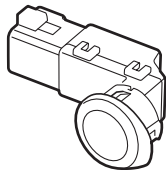


**Backup Sensor Kit
P/N 08V67-SHJ-100K**

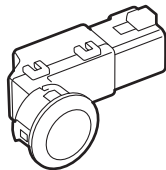
Right center sensor



Left center sensor



2 Corner sensors



TOOLS AND SUPPLIES REQUIRED

#2 Phillips screwdriver

Small flat-tip screwdriver

Felt-tip pen

10 mm Combination wrench

10 mm and 14 mm Socket

Pushpin

Ratchet

3 mm and 8 mm Drill bit

Eye protection (face shield, safety goggles, etc.)

File

Diagonal cutters

Scissors

Masking tape

Tape measure

Cardboard

Isopropyl alcohol

Shop towel

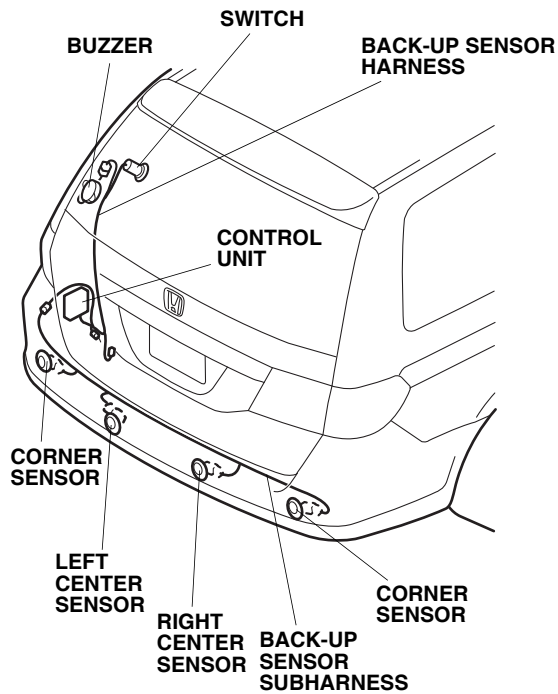
24 mm and 26 mm Hole saw
(Hole saw set: T/N_AKS052507)

Drill

Utility knife

Touch-up paint

Illustration of the Backup Sensor Installed on the Vehicle



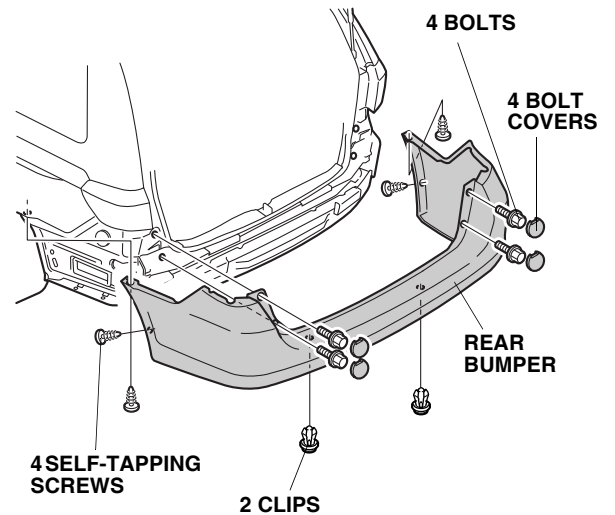
INSTALLATION

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."

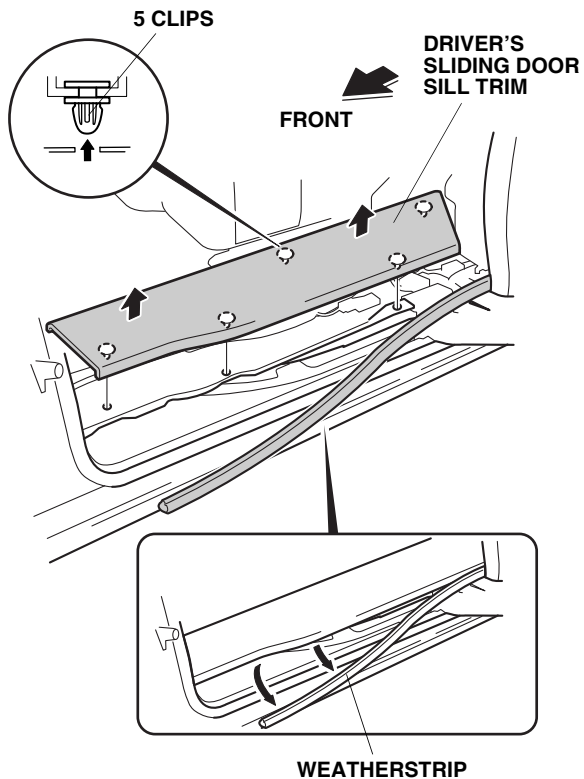
NOTE: Refer to the appropriate Parts Information Bulletin (PIB) for the proper color sensors.

1. Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Disconnect the negative cable from the battery.

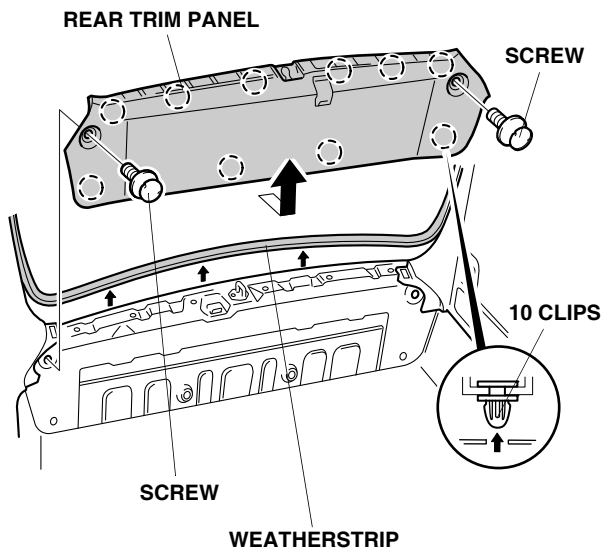
3. Remove the rear bumper.
 - Remove the two clips along the bottom of the bumper.
 - Remove the four self-tapping screws from the bumper.
 - Using a flat-tip screwdriver, pry out and remove the bumper bolt covers, then remove the four bumper bolts.
 - With the help of an assistant, release the bumper from the fenderwell, and slide the bumper away from the vehicle.
 - Set the bumper on a blanket.



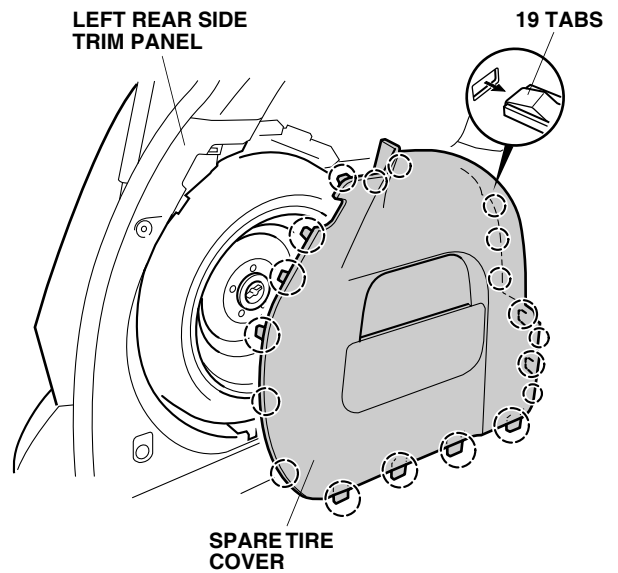
- Pull away the weatherstrip from the driver's sliding door sill trim. Remove the driver's sliding door sill trim (five clips).



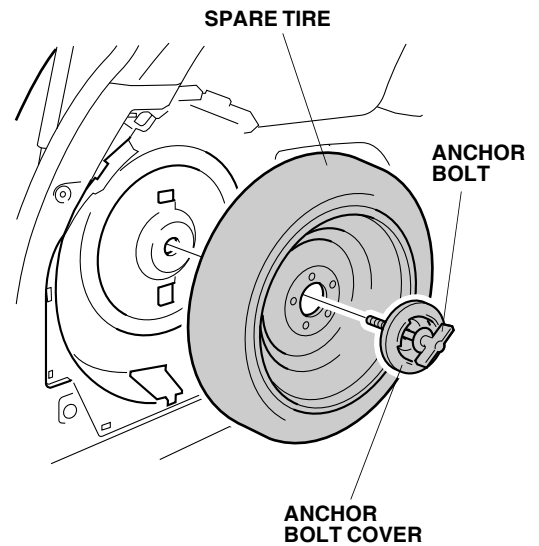
- Pull away the weatherstrip from the rear trim panel. Remove the rear trim panel (ten clips and two screws).



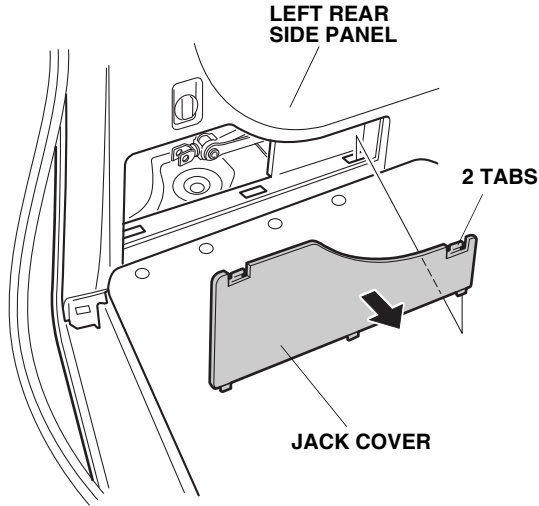
- Fold the rear third seat and remove the spare tire cover (nineteen tabs).



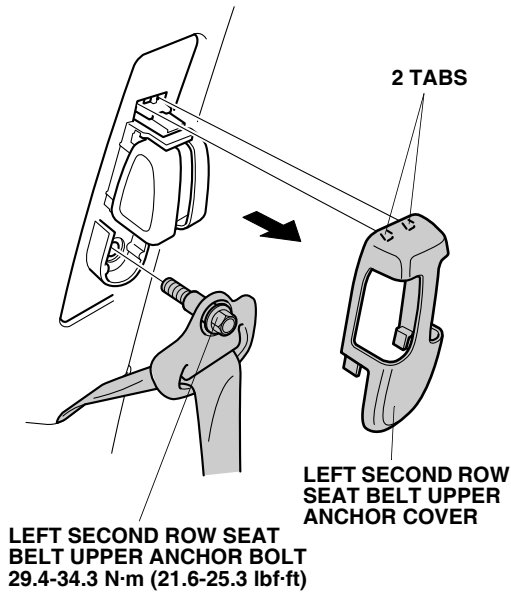
- Remove the anchor bolt and the anchor bolt cover and take out the spare tire.



8. Remove the jack cover (two tabs).

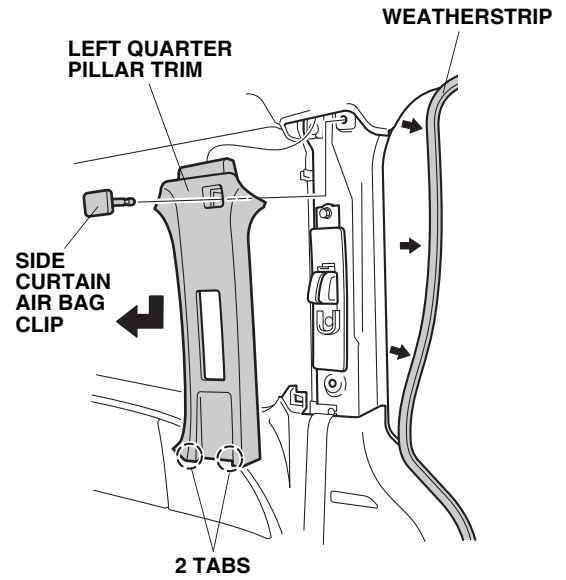


9. Remove the left second row seat belt upper anchor cover (two tabs). Remove the left second row seat belt upper anchor bolt.

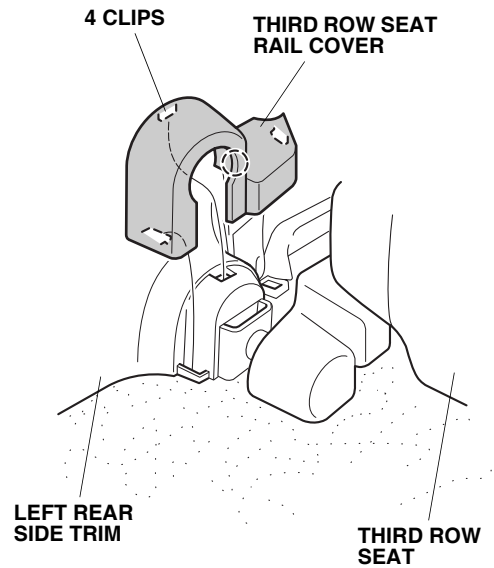


10. Pull away the weatherstrip from the left quarter pillar trim. Remove the left quarter pillar trim (two tabs and side curtain air bag clip).

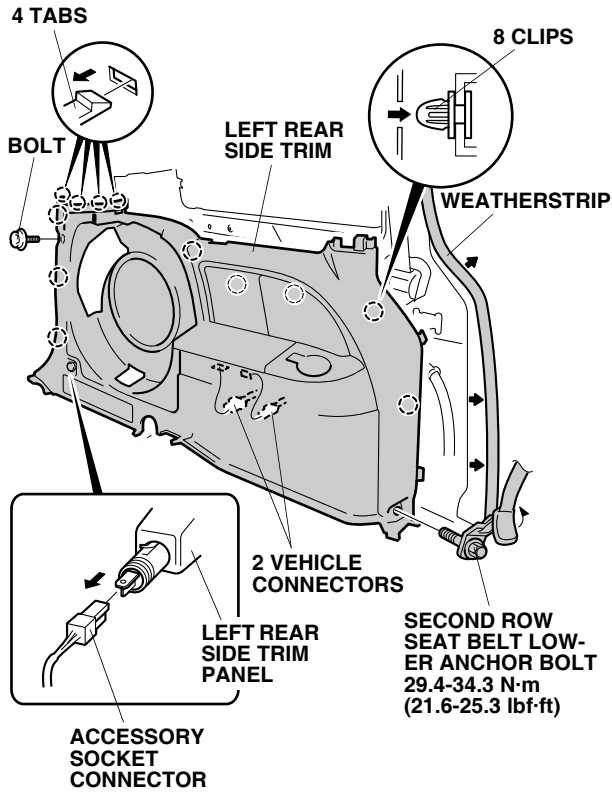
With SRS System Shown



11. Remove the left rear side trim panel. Then remove the third row seat rail cover (four clips).

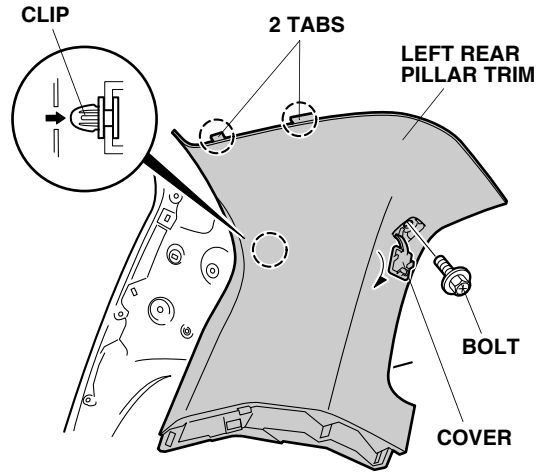


- Pull away the weatherstrip from the left rear side trim panel.
- Remove the second row seat belt lower anchor bolt.
- Gently pull the panel out towards you to release the eight clips and four retaining clips, release the third row seat belt through the slit in the panel, unplug the rear accessory socket connector, and unplug two vehicle connectors.

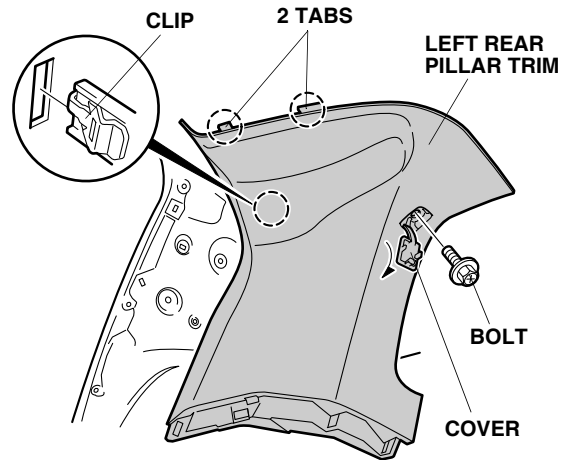


12. Remove the left rear pillar trim (one cover, one bolt, one clip, and two tabs).

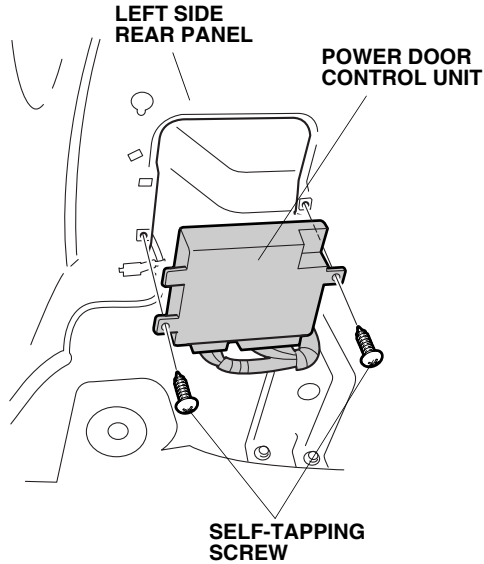
Without power tailgate



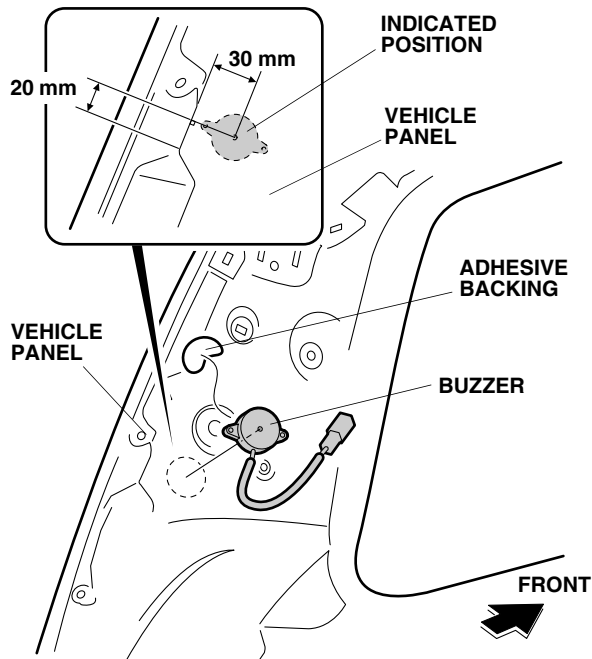
With power tailgate



- Remove the two self-tapping screws, disengage the retaining tab, and pull out the power door control unit. Move the control unit out of the way.



- Using an isopropyl alcohol on a shop towel, thoroughly clean the area where the buzzer will attach. Remove the adhesive backing from the double face tape and attach it to the vehicle panel at the indicated position.

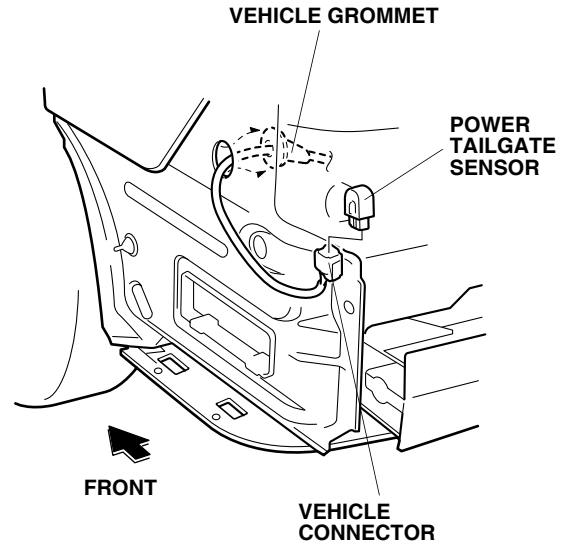


Routing the Backup Sensor Harness

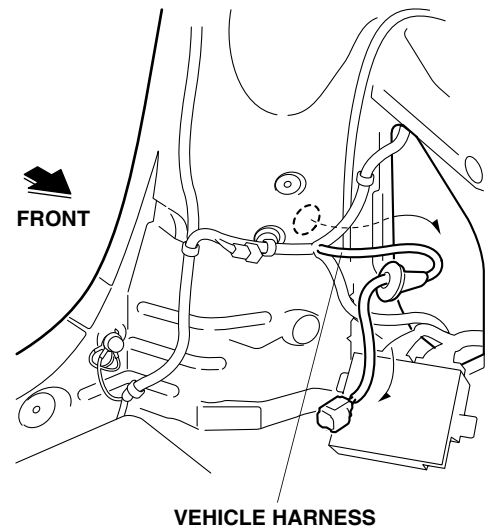
If the vehicle is equipped with a power tailgate, go to step 15; if not, go to step 28.

With power tailgate

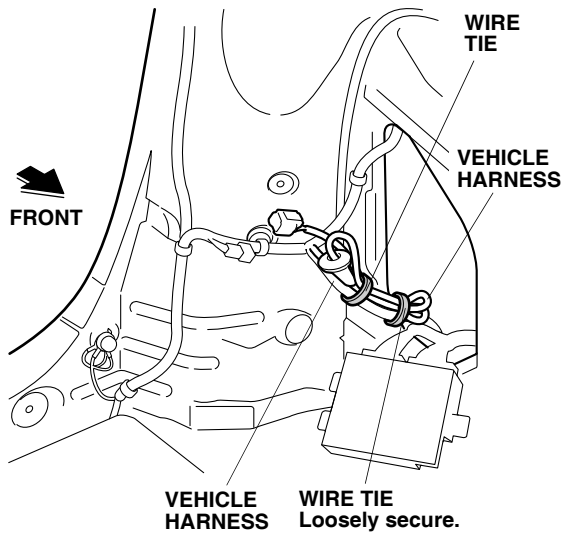
- Unplug the vehicle connector from the power tailgate sensor.



- Release the vehicle grommet.
- Pull out the vehicle harness as shown.

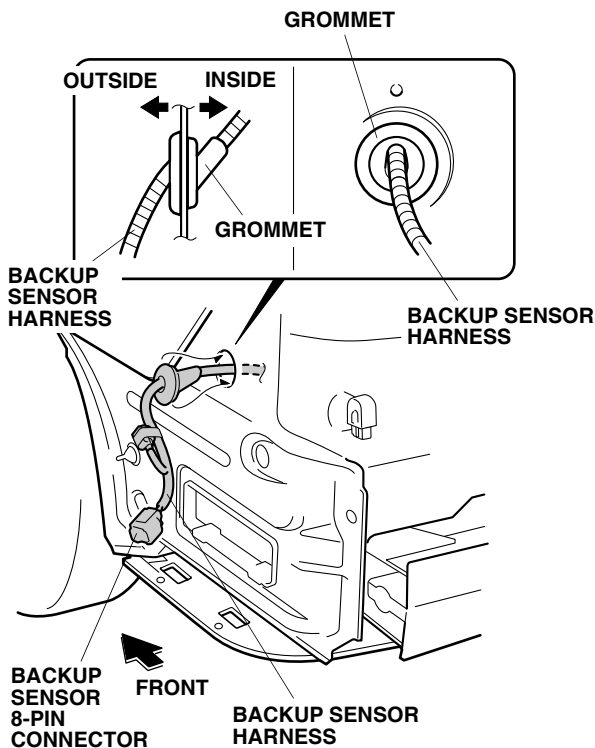


18. Bundle the vehicle harness as shown and secure it to the vehicle harness with one wire tie.

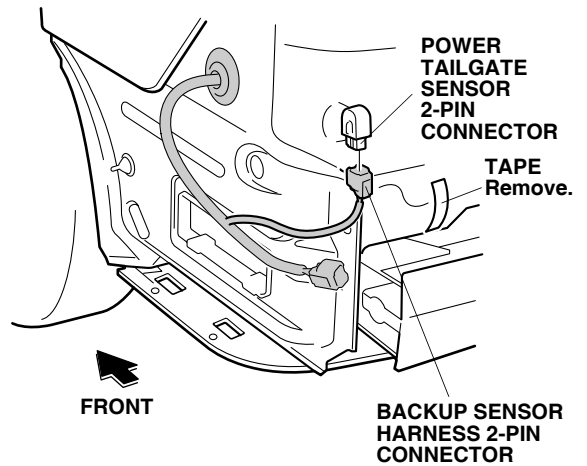


19. Loosely secure the vehicle harness with one wire tie.

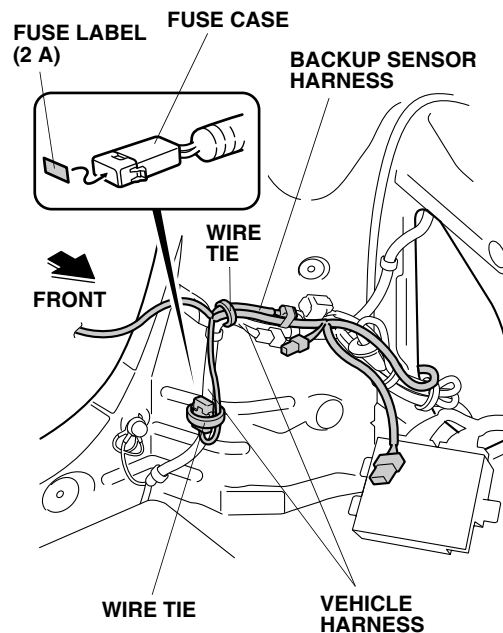
20. From the outside of the vehicle, pass the backup sensor harness through the hole where the vehicle grommet has been removed. Insert the grommet on the backup sensor harness in the hole.



21. Remove the tape from the backup sensor harness. Plug the backup sensor harness 2-pin connector to the power tailgate sensor 2-pin connector.

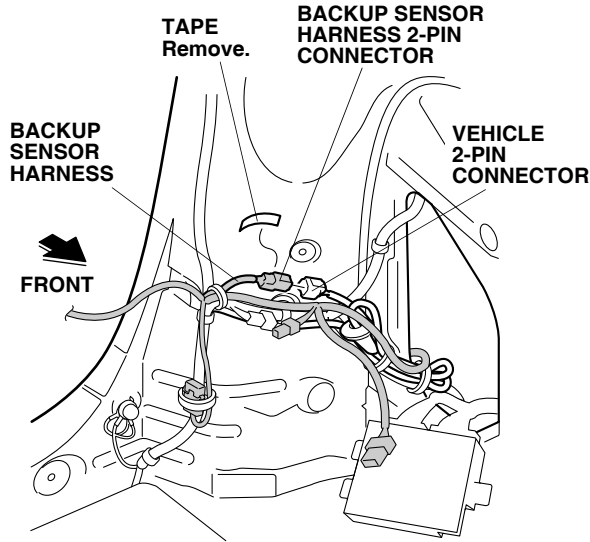


22. Using a contact cleaner on a shop towel, thoroughly clean the area where the fuse case will attach. Install the 2 A fuse label to the fuse case.

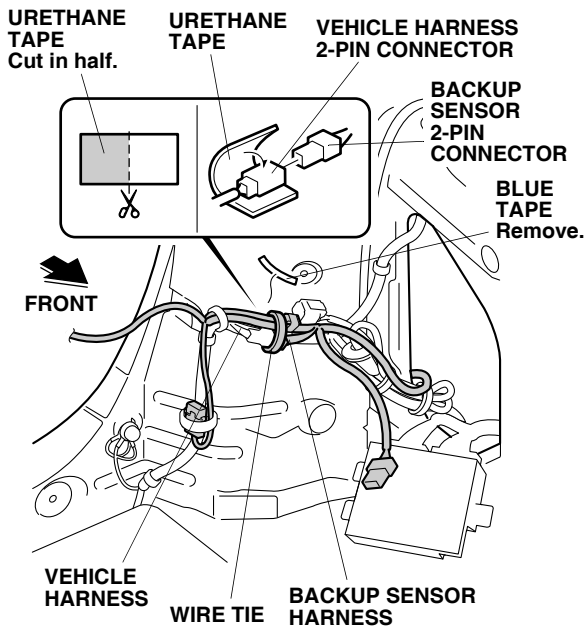


23. Route the backup sensor harness along the vehicle harness and secure the fuse case to the vehicle harness with a wire tie.
24. Secure the backup sensor harness to the vehicle harness with a wire tie.

- Remove the tape from the backup sensor harness. Plug the backup sensor harness 2-pin connector to the vehicle 2-pin connector.



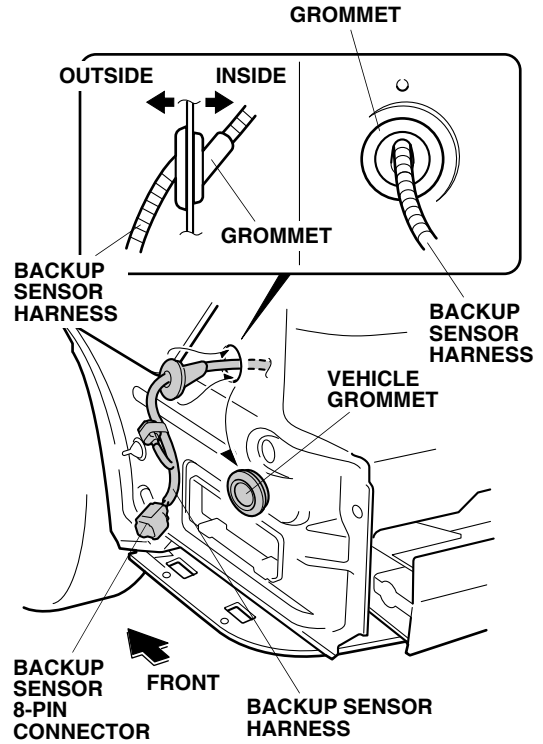
- Remove the blue tape from the backup sensor harness. Plug the backup sensor harness 2-pin connector to the vehicle harness 2-pin connector.



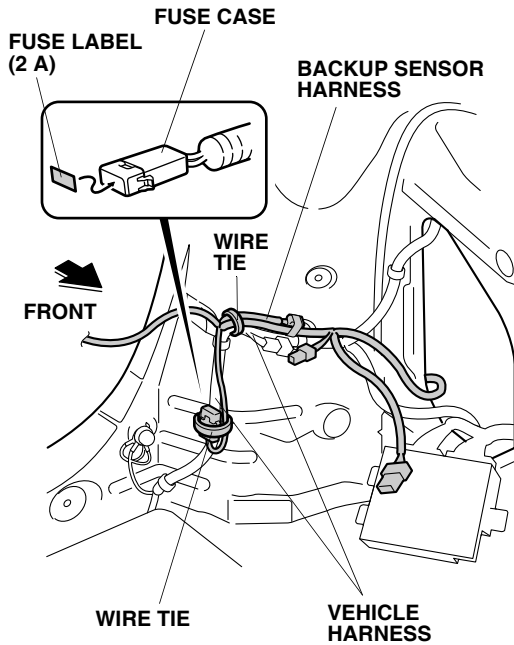
- Cut a urethane tape in half and using that half, wrap the connector. Secure the connector to the vehicle harness with a wire tie. Go to step 34.

Without power tailgate

- From the outside of the vehicle, remove the vehicle grommet. Pass the backup sensor harness through the hole where the vehicle grommet has been removed. Insert the grommet on the backup sensor harness in the hole.

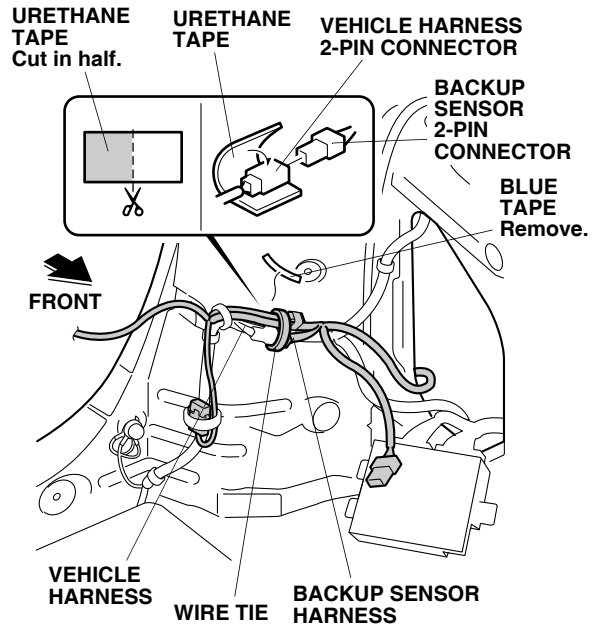


29. Using a contact cleaner on a shop towel, thoroughly clean the area where the fuse case will attach. Install the 2 A fuse label to the fuse case.

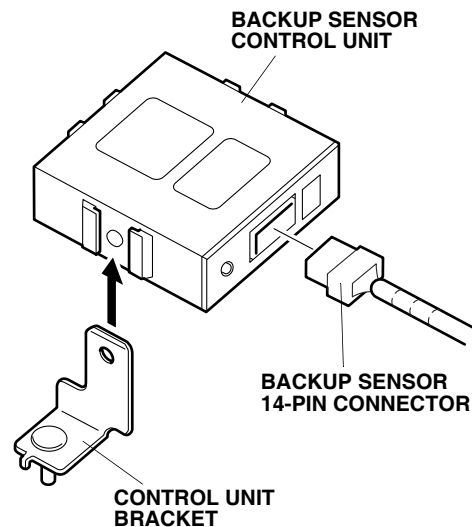


30. Route the backup sensor harness along the vehicle harness and secure the fuse case to the vehicle harness with a wire tie.
31. Secure the backup sensor harness to the vehicle harness with a wire tie.

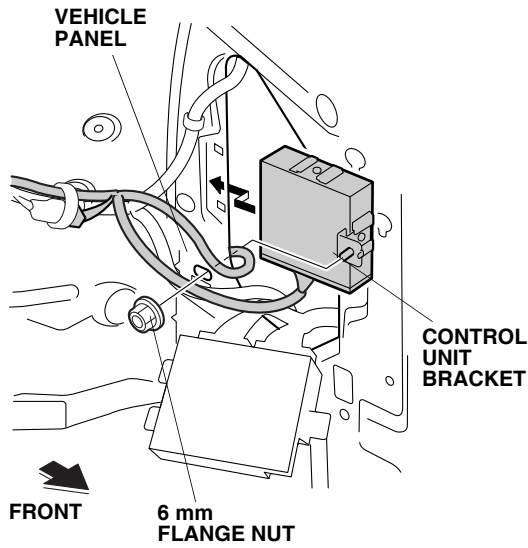
32. Remove the blue tape from the backup sensor harness. Plug the backup sensor harness 2-pin connector to the vehicle harness 2-pin connector.



33. Cut a urethane tape in half and wrap one half around the 2-pin connectors. Secure the connectors to the vehicle harness with a wire tie.
34. Insert the control unit bracket and plug the backup sensor 14-pin connector to the backup sensor control unit.

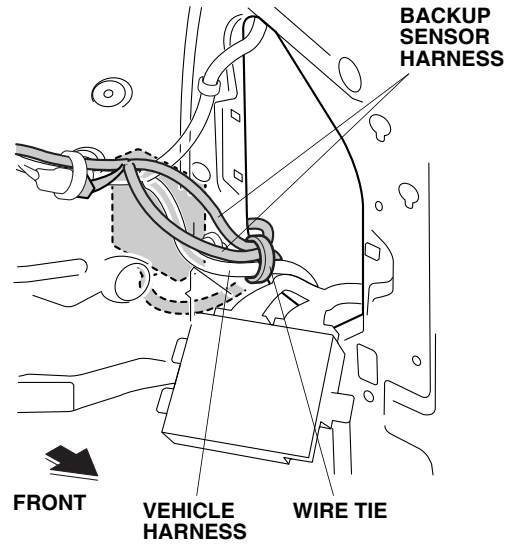


35. Attach the backup sensor control unit to the vehicle panel and secure the control unit bracket with 6 mm flange nut.

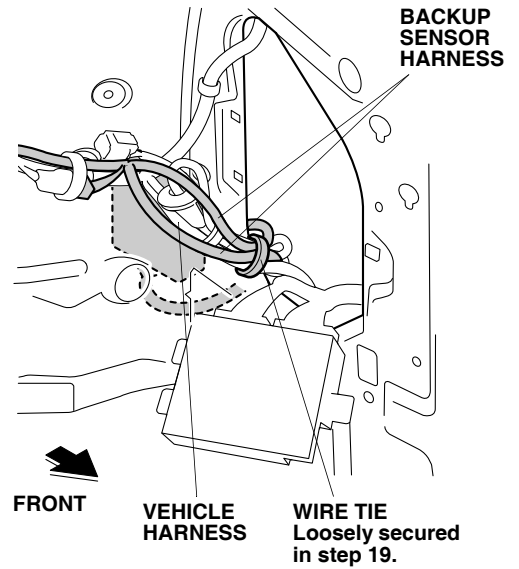


36. Secure the backup sensor harness to the vehicle harness with one wire tie.

Without power tailgate

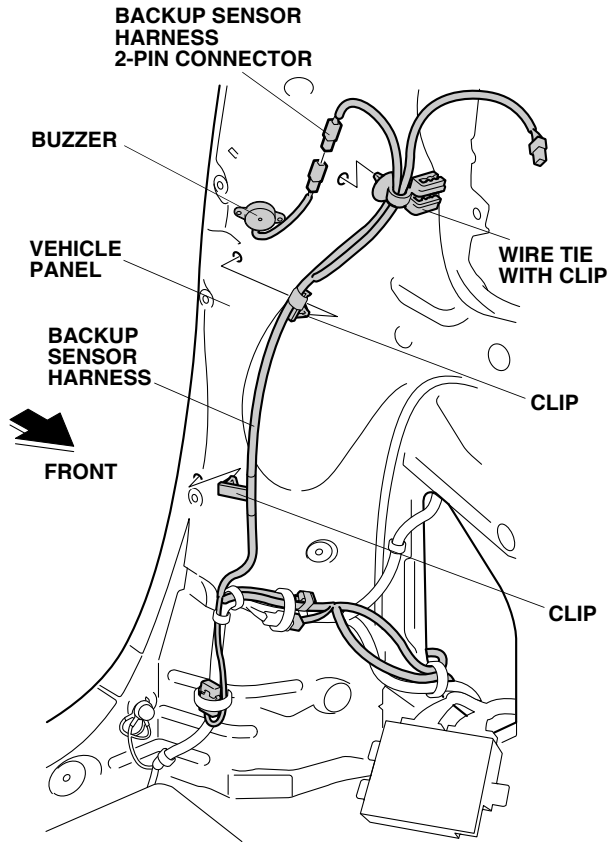


With power tailgate



Without power tailgate

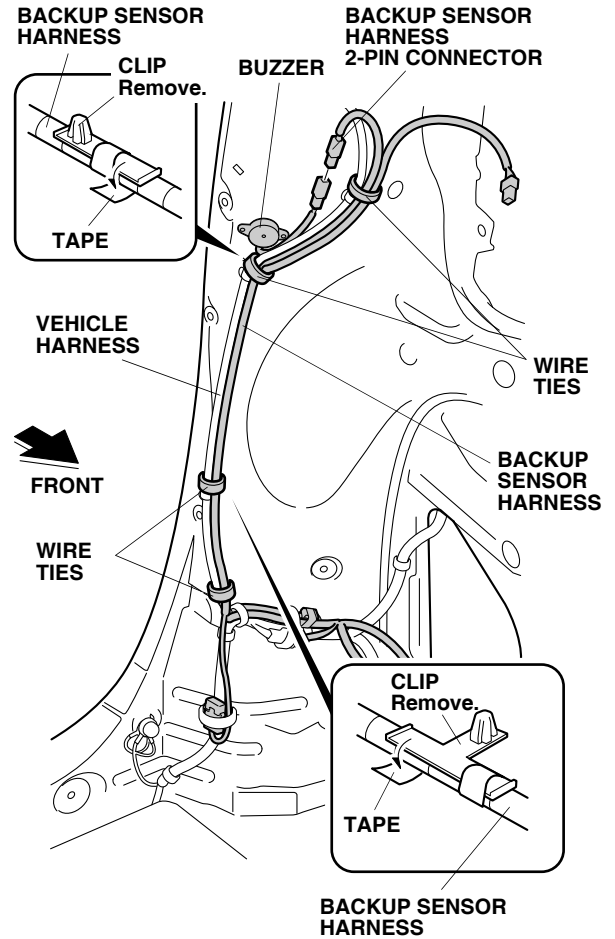
37. Plug the backup sensor harness to the buzzer and secure the clip on the backup sensor harness to the vehicle panel.



38. Install a wire tie with clip to the backup sensor harness and secure the clip to the vehicle panel.

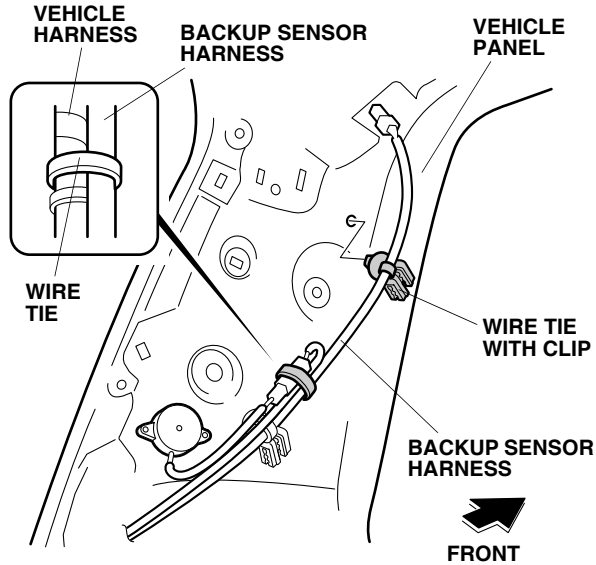
With power tailgate

39. Remove the tape and release the clip from the backup sensor harness. Plug the backup sensor harness 2-pin connector to the buzzer.

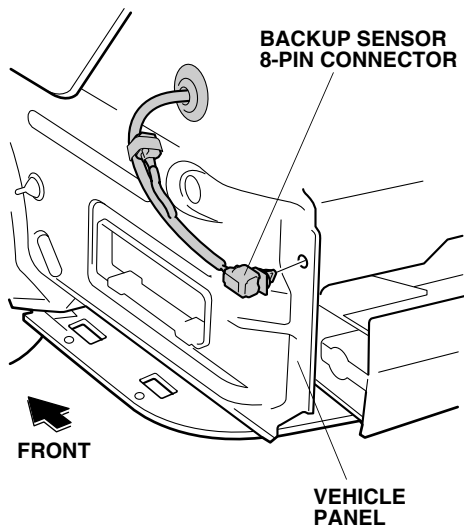


40. Secure the backup sensor harness to the vehicle panel with four wire ties.

41. Secure the backup sensor harness to the vehicle panel with one wire tie with clip.
 42. Secure the 2-pin connectors to the backup sensor harness with one wire tie as shown.
- If equipped with vehicle harness, secure the backup sensor harness to the vehicle panel with a wire tie.



43. Secure the backup sensor 8-pin connector to the vehicle panel.

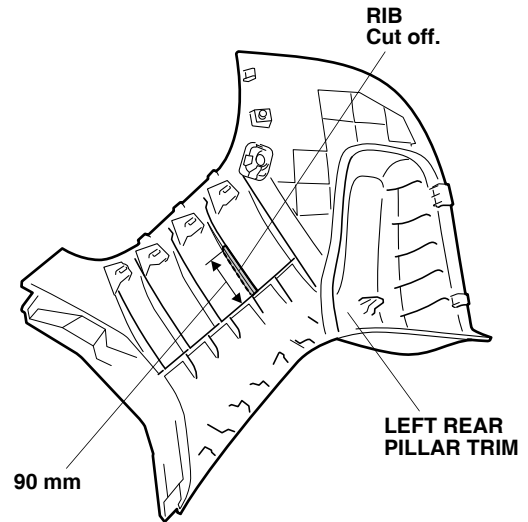


Installing the Switch

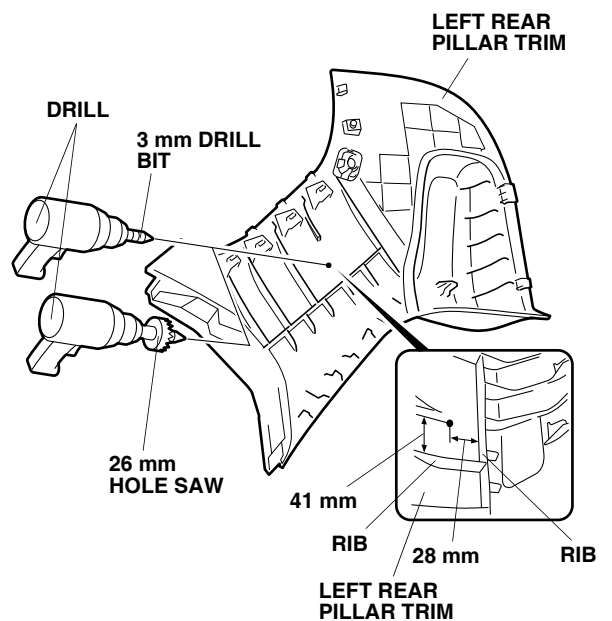
If the vehicle is equipped with the power tailgate, go to step 44; if not, go to step 46.

With power tailgate

44. Cut off the rib on the left rear pillar trim as shown. Remove any burrs.

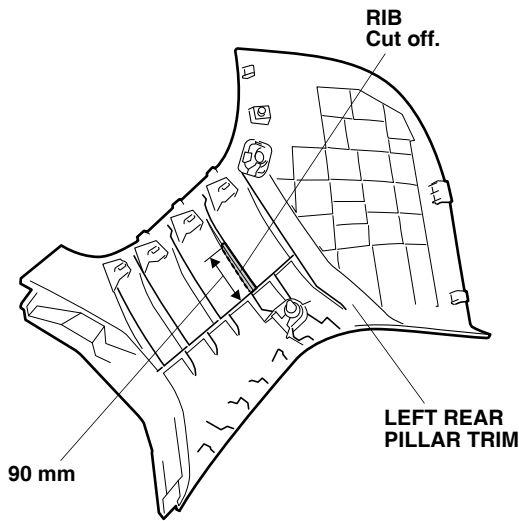


45. On the inside of the left rear pillar trim, measure from the inside of the ribs, and mark the pillar trim at the measurements shown. While wearing eye protection, drill a 3 mm hole at the marked position. Then drill with a 26 mm hole saw. Do not drill with a 1 inch drill. Remove any burrs. Go to step 48.

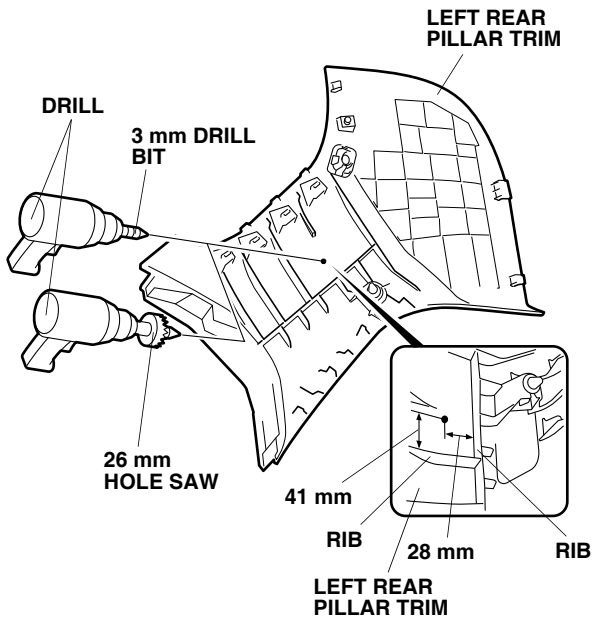


Without power tailgate

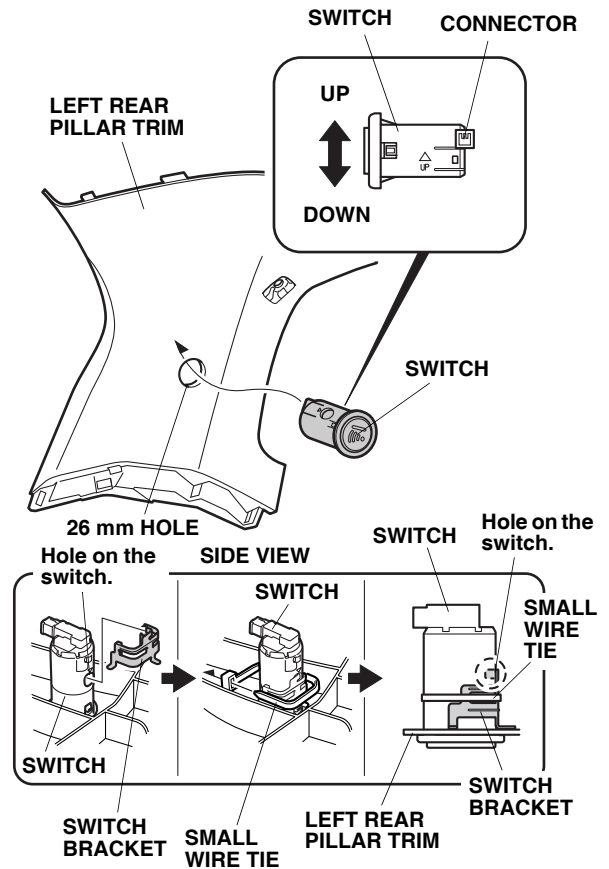
46. Cut off the rib on the left rear pillar trim as shown. Remove any burrs.



47. On the inside of the left rear pillar trim, measure from the inside of the ribs, and mark the pillar trim at the measurements shown. While wearing eye protection, drill a 3 mm hole at the marked position. Then drill with a 26 mm hole saw. Do not drill with a 1 inch drill. Remove any burrs.

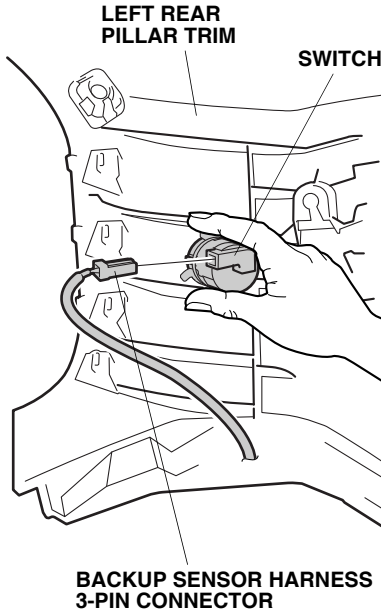


48. Insert the switch into the hole made in step 44, and install the switch bracket onto the switch as shown.



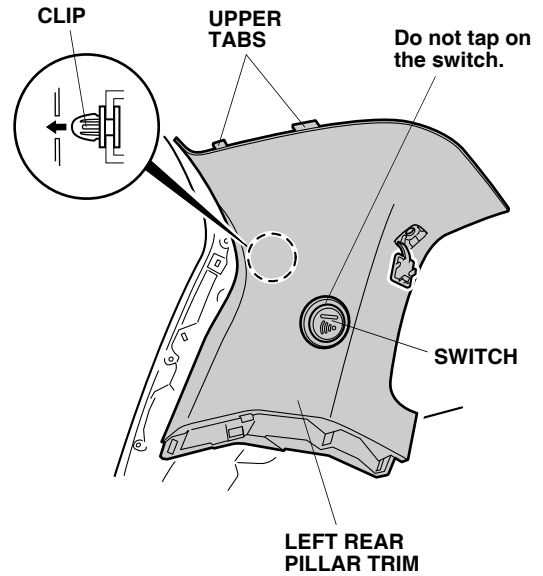
49. Secure the switch bracket to the switch with a small wire tie.

50. While holding the switch with your hand, plug the backup sensor harness 3-pin connector into the switch as shown. For installation of the connector, check its vertical direction and connect securely so that no unreasonable force acts onto the connector part of the switch.

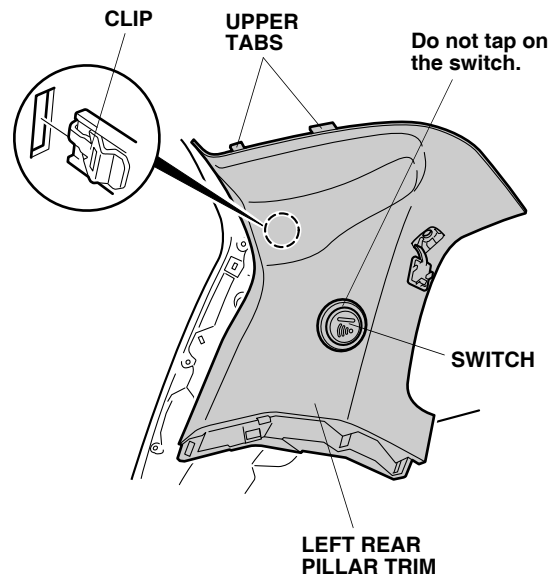


51. For the left rear pillar trim, insert the clip matching the upper tab and install the trim. At the time of installation, take care that the switch does not come into contact with the left rear pillar trim. Tapping on the switch can damage the switch connector. Take care during installation of the trim.

Without power tailgate



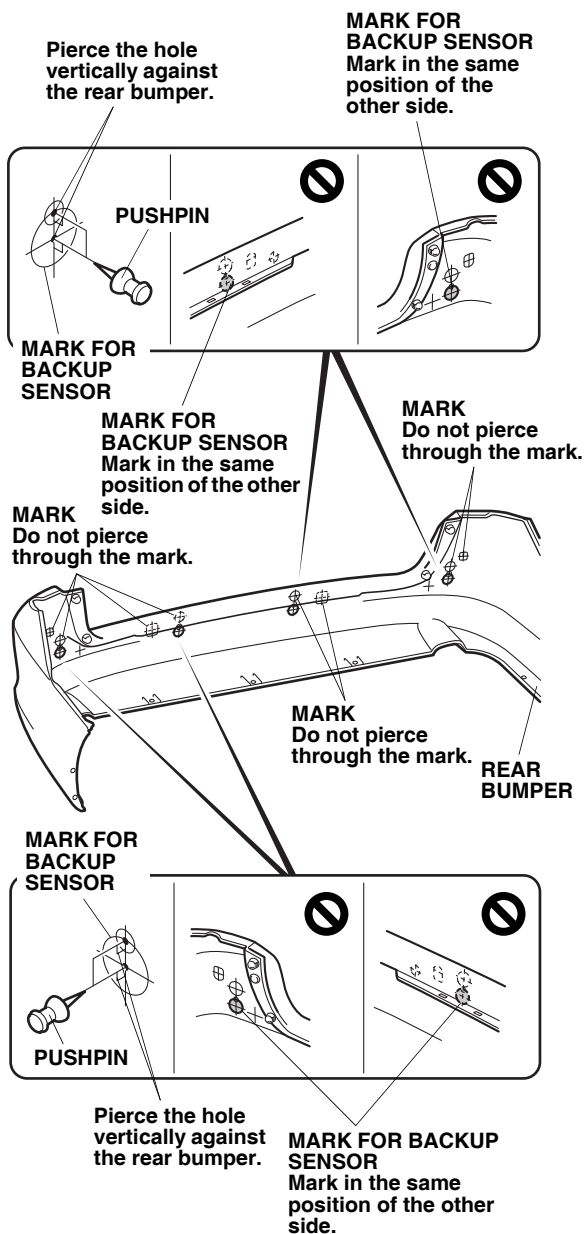
With power tailgate



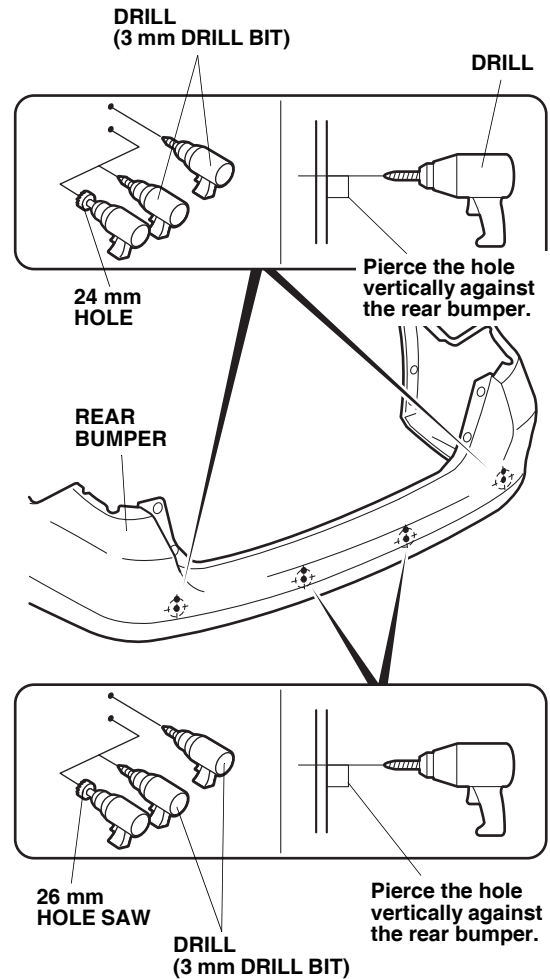
52. Reinstall the power door control unit that was removed in step 13.

Installing the Backup Sensor

53. On the inside of the rear bumper, locate and pierce the eight scribe marks on the rear bumper with a pushpin.



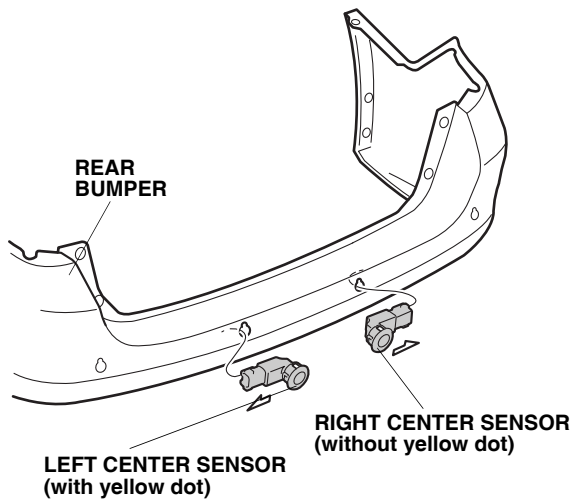
54. While wearing eye protection, drill 3 mm hole at the four pierced marks on the corner of the rear bumper from the outside. Widen the two lower holes with 24 mm hole saw as shown. Remove any burrs.



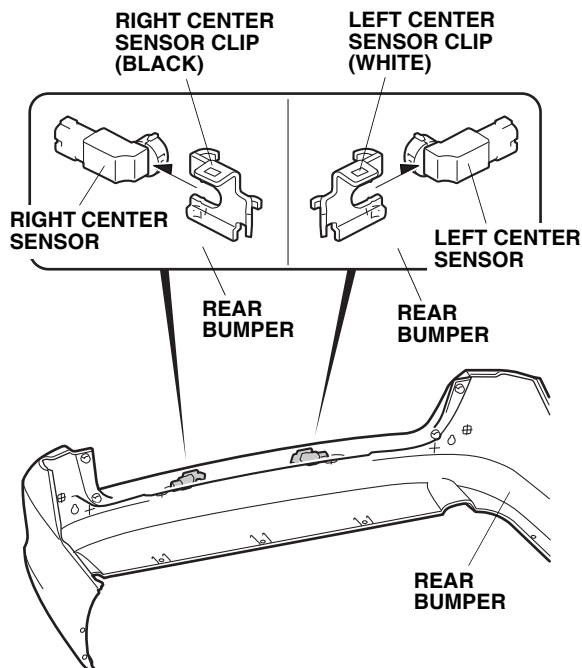
55. While wearing eye protection, drill 3 mm hole at the four pierced marks on the center of the rear bumper from the outside. Widen the two lower holes with 26 mm hole saw as shown. Remove any burrs.

NOTE: The two center holes are larger than the two outer holes.

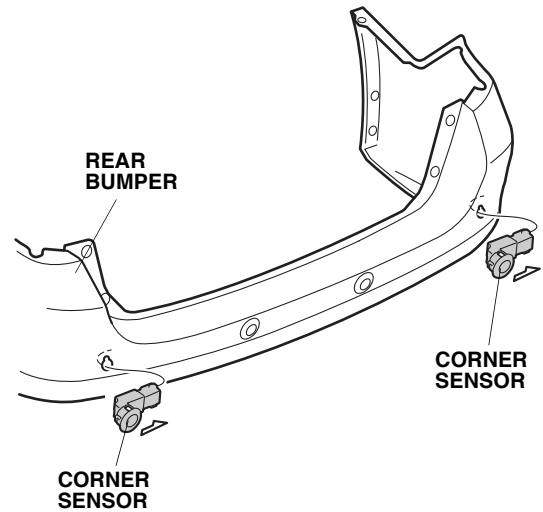
56. From the outside of the rear bumper, insert the right center sensor (without yellow dot) and left center sensor (with yellow dot) into the 26 mm holes that you drilled in step 55, as shown.
- Make sure that each sensor connector points outward.
 - Make sure the detent on each sensor points upward and locks into the 3 mm hole that you drilled in step 55.



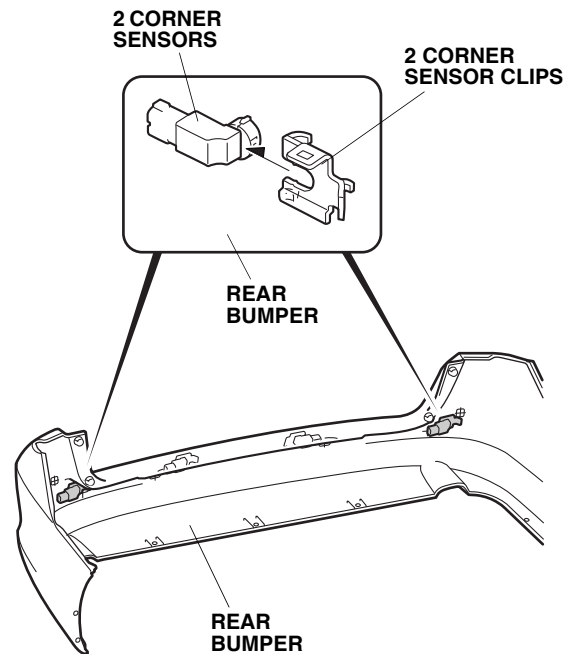
57. From the inside of the rear bumper, insert the right center sensor clip (black) and left center sensor clip (white) to the right center sensor and left center sensor.



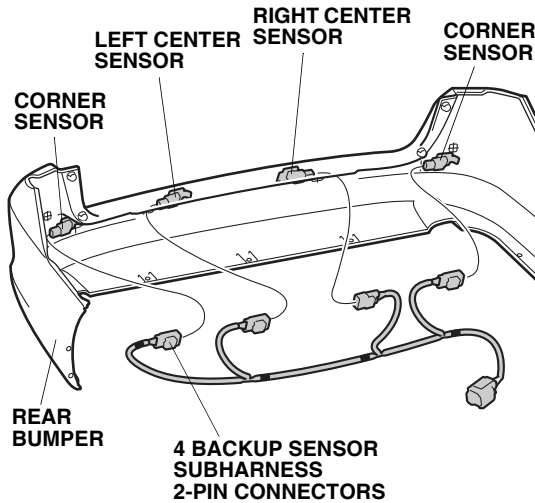
58. From the outside of the rear bumper, insert the two corner sensors into the two 24 mm holes that you drilled in step 54, as shown.
- Make sure that each sensor connector points toward the passenger side of the bumper.
 - Make sure the detent on each sensor points upward and locks into the 3 mm hole that you drilled in step 55.



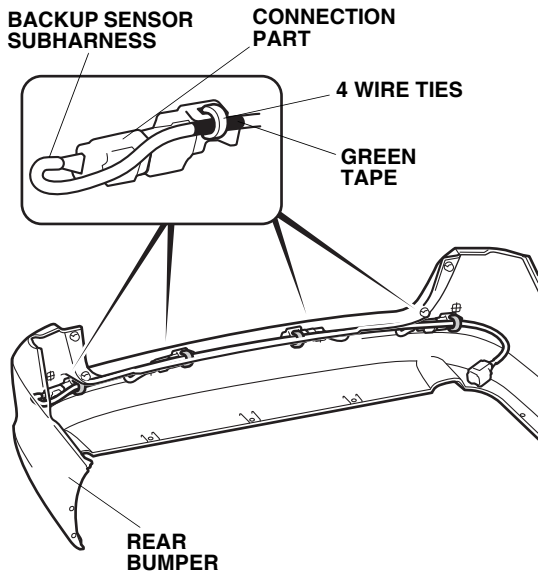
59. From the inside of the rear bumper, insert the two corner sensor clips to the two corner sensors.



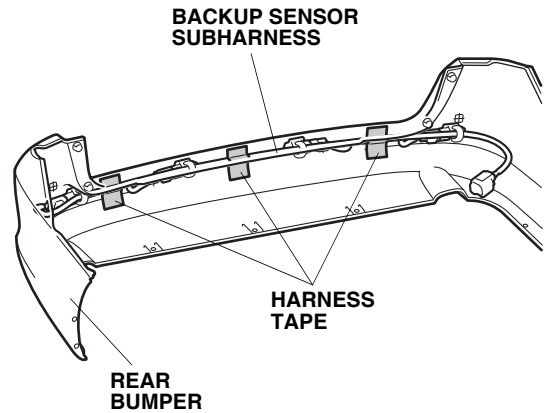
60. Plug the four backup sensor subharness 2-pin connectors to the right center sensor, left center sensor, and two corner sensors.



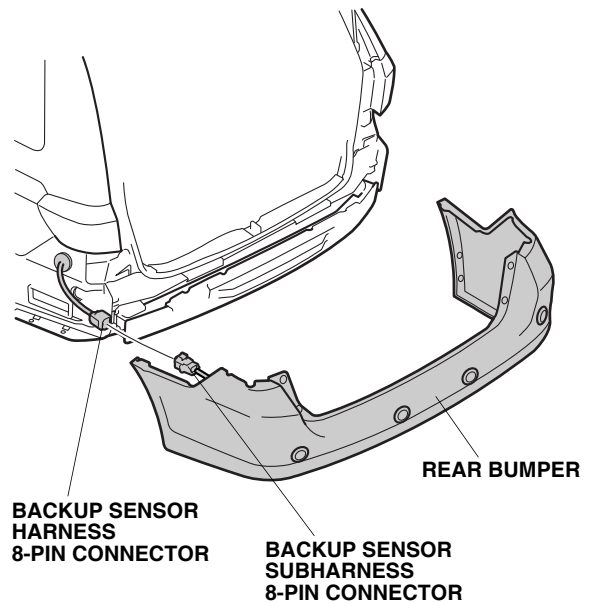
61. Secure the backup sensor subharness to the sensor clip at the green tape with four wire ties as shown.



62. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the harness tape will attach. Secure the backup sensor subharness to the rear bumper with three harness tapes.



63. Bring the rear bumper to the vehicle and plug the backup sensor subharness 8-pin connector to the backup sensor harness 8-pin connector.



64. Install the rear bumper back onto the vehicle.

65. Check that all wire harnesses are routed properly and that all connectors are plugged in.
66. Reinstall all removed parts.
67. Reconnect the negative cable to the battery.
68. Enter the customer's radio anti-theft code, and reset the radio station presets.
69. Reset the clock.
70. If the vehicle is equipped with the power tailgate, check operation by opening and closing the power tailgate.
71. Check the operation of the backup sensors as described in the Accessory User's Information Manual supplied.

NOTE: When the battery is disconnected, the driver's window AUTO function is disabled.

- Start the engine. Push down on the driver's window switch until the window is fully open.
- Pull up on the driver's window switch to close the window completely, then hold the switch for 1 second or more.
- Lower and raise the driver's window to check operation of the driver's window AUTO function.

Buzzer Volume Control

The original setting of the volume control knob on the control unit is maximum. After checking operation, turn the volume control knob to an appropriate volume.

