



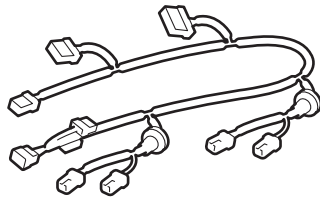
INSTALLATION INSTRUCTIONS

Accessory	Application	Publications No.
BACKUP SENSOR	2004 ODYSSEY	All 25997
		Issue Date
		AUG 2003

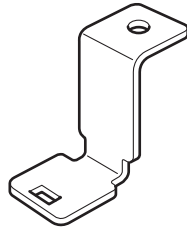
PARTS LIST

**Backup Sensor Attachment Kit (sold separately):
P/N 08V67-S0X-100**

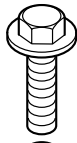
Backup sensor harness



Control unit bracket



Flange bolt



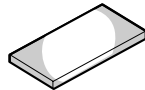
Flange nut



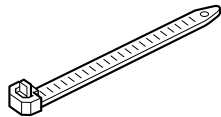
Fuse label



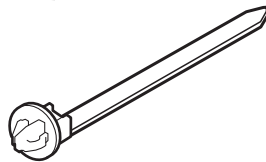
15 Gray cushion tapes



2 Long wire ties



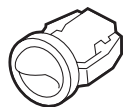
2 Wire ties with clip



2 Short wire ties



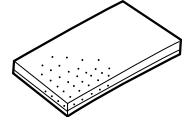
Switch



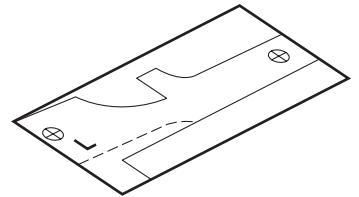
Buzzer bracket



2 Black cushion tapes

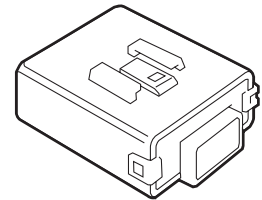


Template

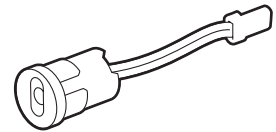


**Backup Sensor Kit (sold separately):
P/N 08V67-S9V-100**

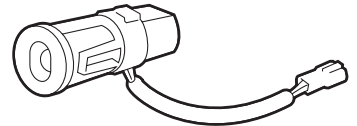
Control unit



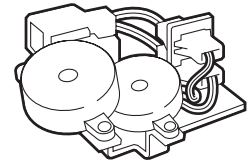
2 Corner sensors



2 Center sensors



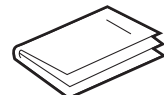
Buzzer



2 Retainer clips



Owner's Manual



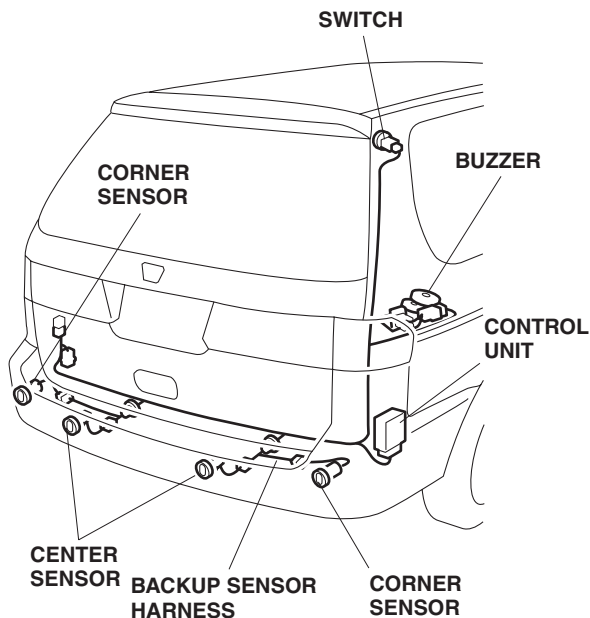
TOOL AND SUPPLIES REQUIRED

- #2 Phillips screwdriver
- Small flat-tip screwdriver
- Felt-tip pen
- 10 mm Combination wrench
- 10 mm and 14 mm Sockets
- Pushpin
- Ratchet
- 3 mm Drill bit
- Eye protection (face shield, safety goggles, etc.)
- File
- Diagonal cutters
- Scissors
- Masking tape
- Tape measure
- Cardboard
- Isopropyl alcohol
- Shop towel
- Drill
- Utility knife
- 13/16" (20 mm) and 1" (26 mm) Hole saws

Available through the Honda Tool and Equipment Program at 888 424-6857:

- | | |
|-------------------------|-------------|
| Hole Saw 13/16" (20 mm) | P/N: LHS26D |
| Hole Saw 1" (26 mm) | P/N: LHS32D |
| Arbor | P/N: LHS1C |

Illustration of the Backup Sensor Installed on the Vehicle



INSTALLATION

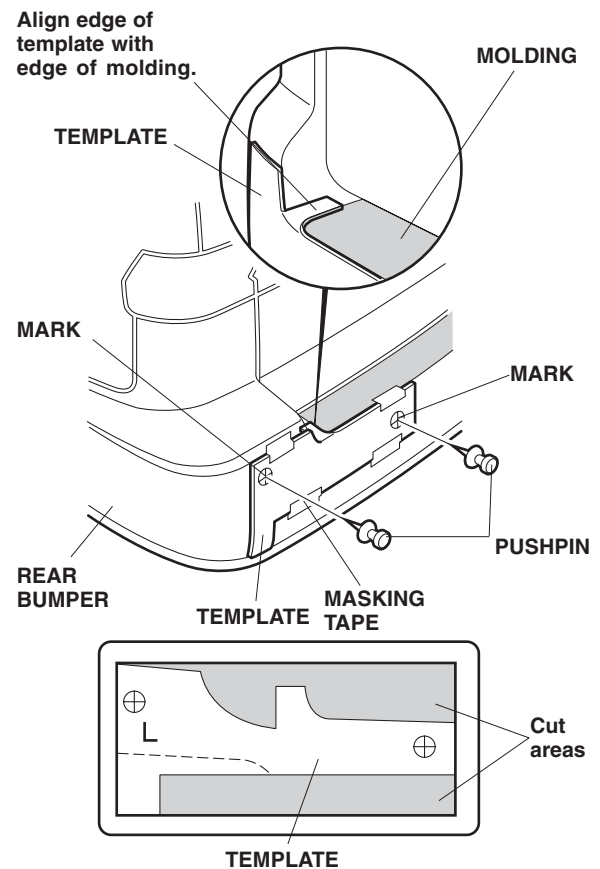
Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

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

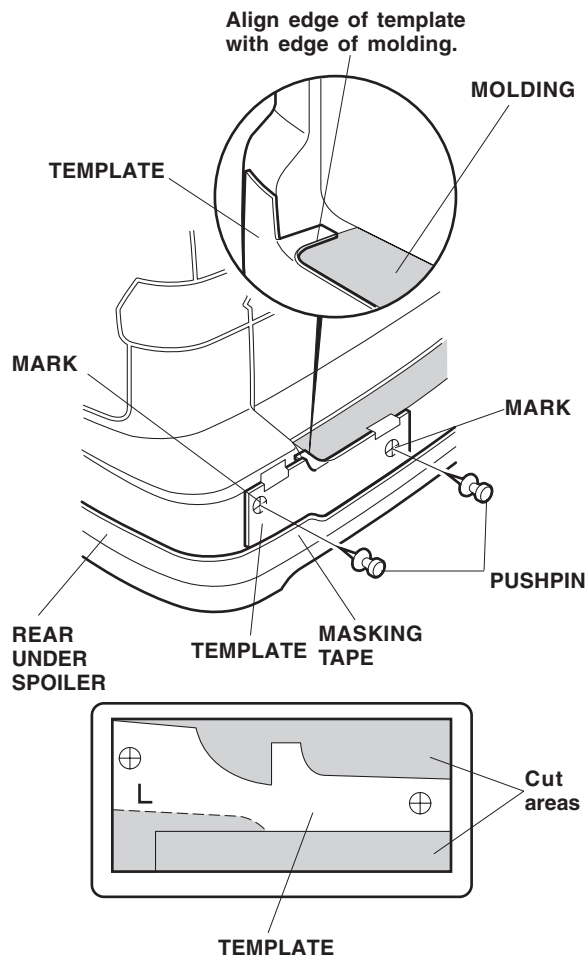
Installing the Sensors

3. Locate the template included in the kit, and use scissors to cut it to match the vehicle, as indicated. The template is marked "R" on one side and "L" on the other side.

Without Rear Under Spoiler:



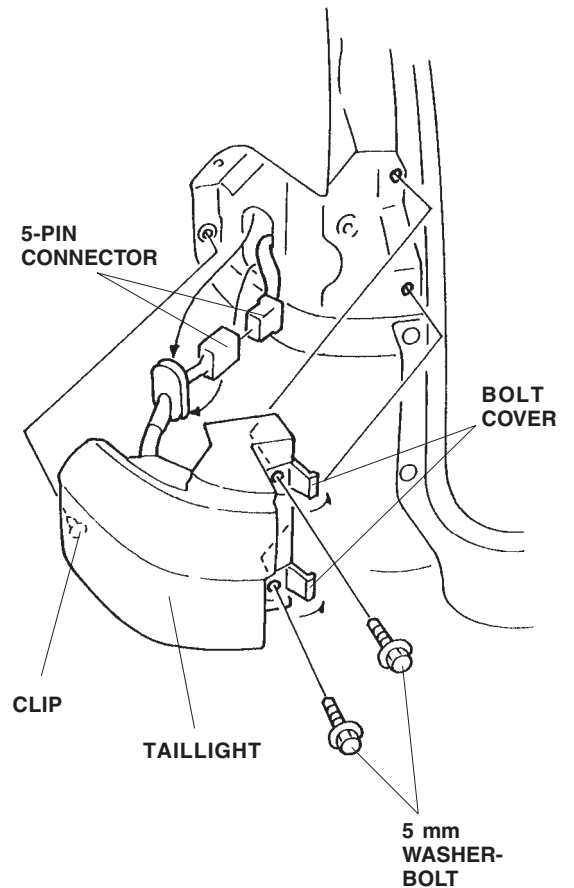
With Rear Under Spoiler:



4. Position the left template (L) on the rear bumper, and align it with the edge of the rear bumper. Using masking tape, attach the template to the left side of the rear bumper.
5. Using a pushpin, mark the rear bumper at each of the two marks.
6. Turn the template over, and repeat steps 4 and 5 to mark the right side of the rear bumper.

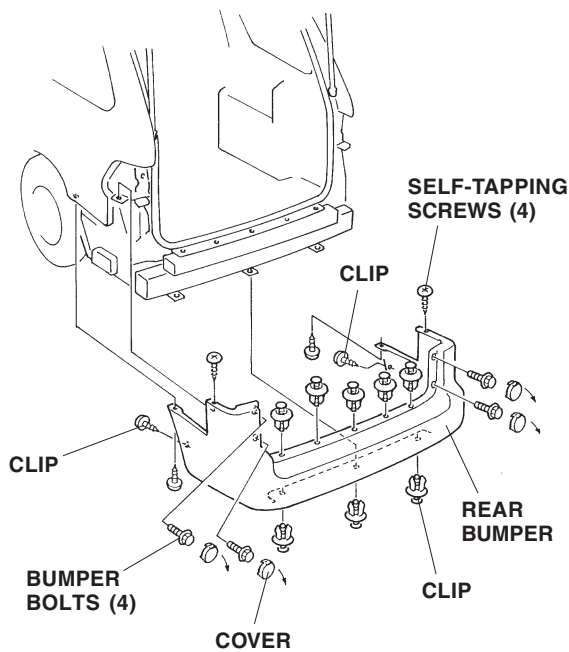
7. Remove the taillights:

- Using a small flat-tip screwdriver, pry open the two bolt covers. Take care not to damage the covers.
- Remove the two 5 mm washer-bolts, and pull the taillight out toward you to release the clip.
- Unplug the 5-pin connector, and remove the taillight.
- Repeat on the right side.

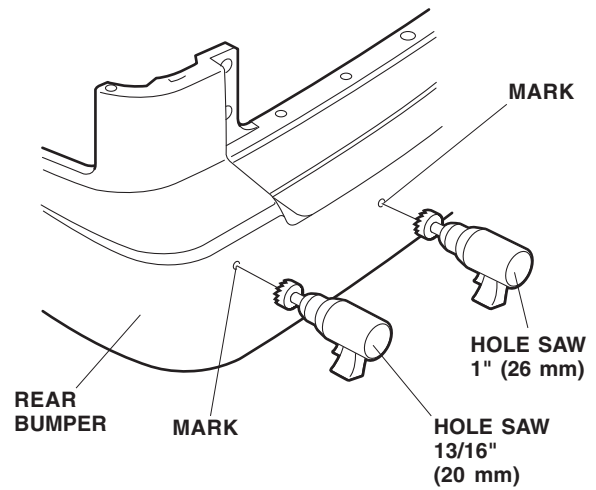


8. Remove the rear bumper:

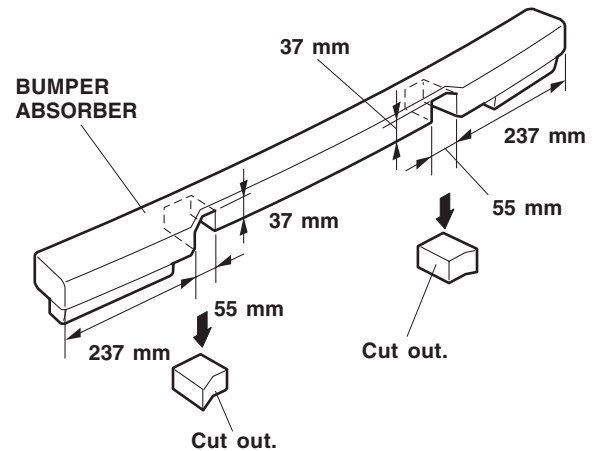
- If equipped, remove the splash guards.
- Remove the eight clips along the top and bottom of the bumper.
- Remove the four self-tapping screws (two on each side) from the top at the taillight area and from the bottom near the rear wheel.
- Using a clip remover, pry out and remove one clip from each fenderwell.
- 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 piece of cardboard.



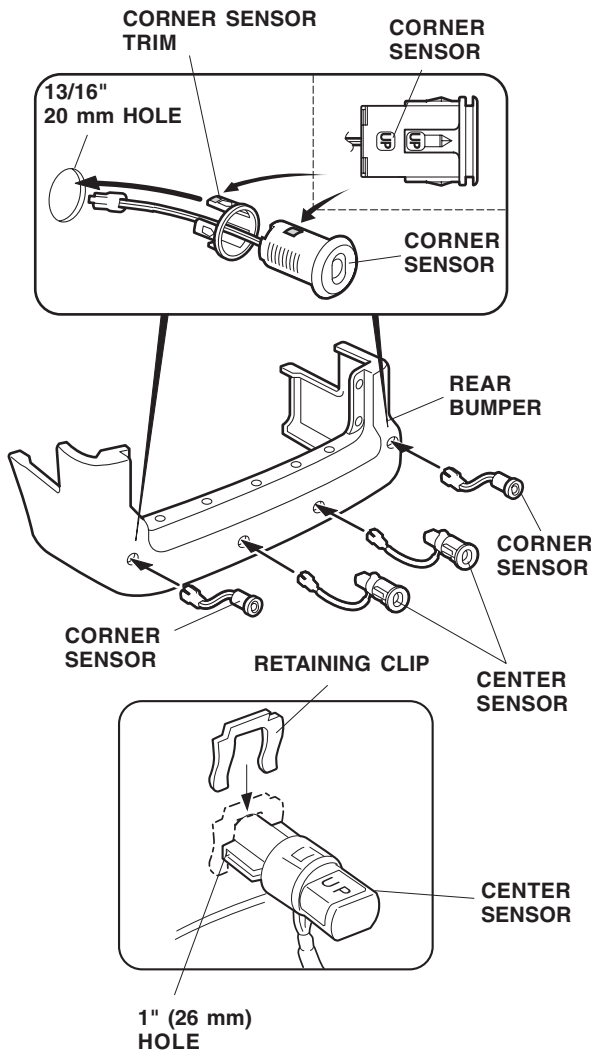
9. Remove the template. While wearing eye protection, drill one 13/16" (20 mm) hole and one 1" (26 mm) hole through the mark on the rear bumper, and remove any burrs from the edges of the holes.



10. While wearing eye protection, drill the right side of the rear bumper the same way.
11. Remove the bumper absorber. From the outside edge of the bumper absorber, measure in about 237 mm from each end to the top of the radius. Using a utility knife, cut out the two pieces from the bumper absorber.



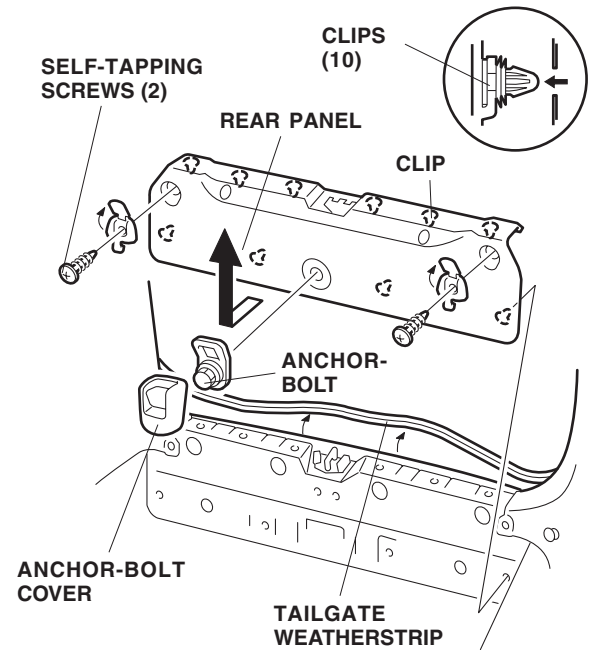
- Separate the corner sensors from the corner sensor trims. Install the corner sensors through the 13/16" (20 mm) holes with the "UP" mark facing up.



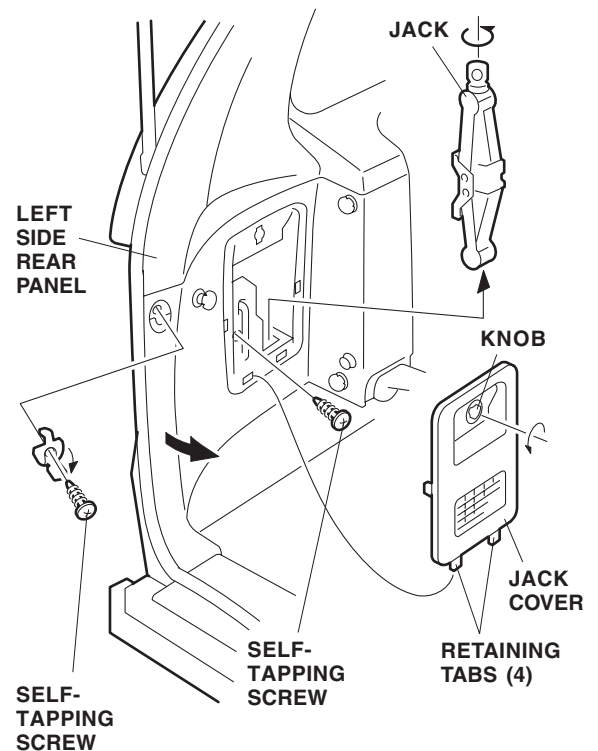
- Slide the two center sensors into the 26 mm holes. Secure the center sensors with one retainer clip for each sensor.

Routing the Backup Sensor Harness

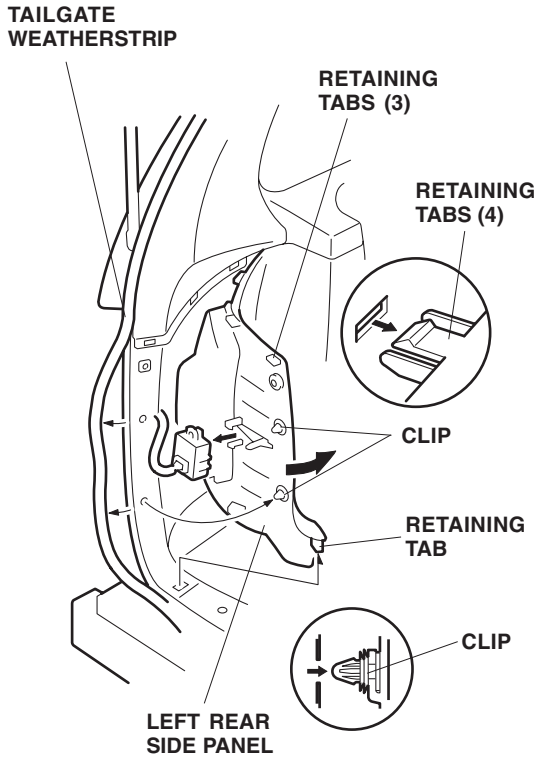
- Lift up the rear seat. Remove the anchor-bolt cover, and remove the anchor-bolt. Remove the tailgate weatherstrip and the rear panel (ten clips and two self-tapping screws).



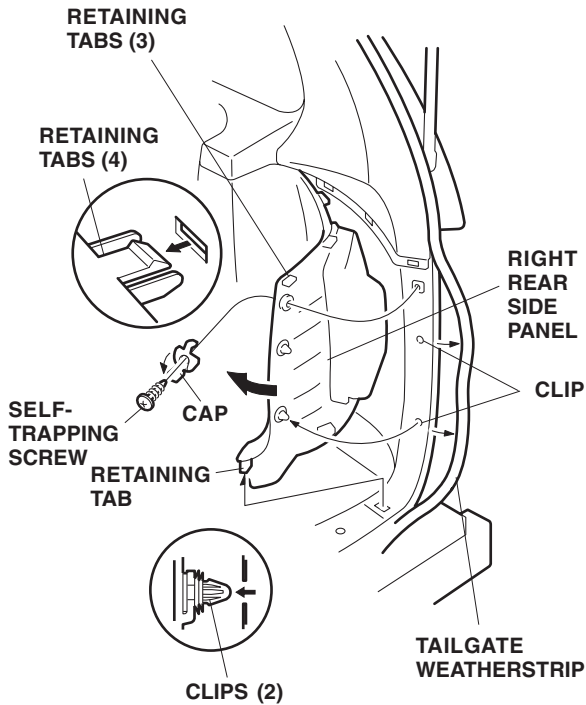
- Remove the headrest, and fold down the rear seat. Remove the jack cover and the jack (one knob and four retaining tabs). Remove the two self-tapping screws that fasten the left rear side panel.



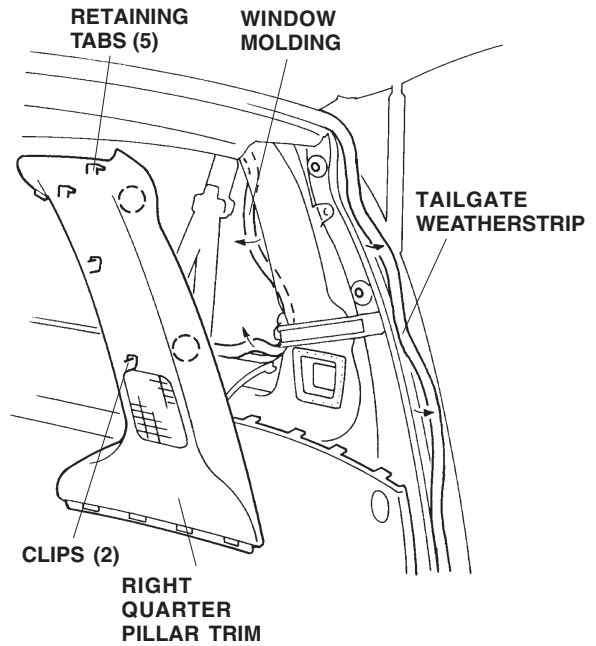
16. Remove the tailgate weatherstrip. Pry up on the two clips and the four retaining tabs, and pull out on the left rear side panel.



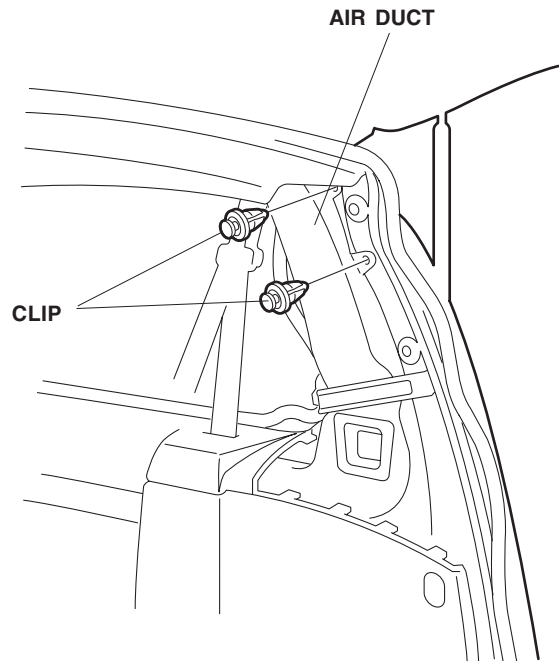
17. Remove the one self-tapping screw that secures the right rear side panel. Remove the tailgate weatherstrip. Pry up on the two clips and the four retaining tabs, and pull out on the right rear side panel.



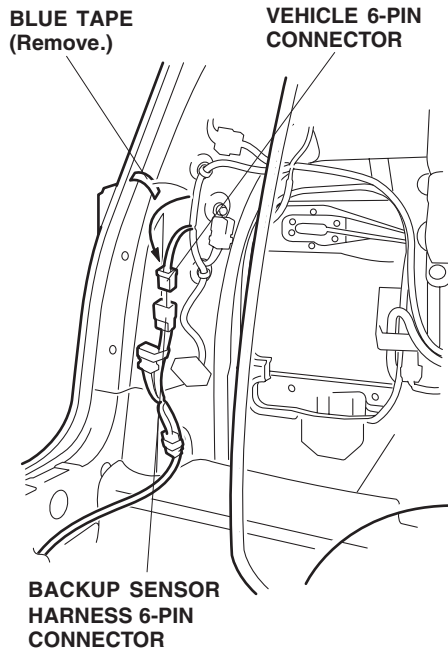
18. Remove the tailgate weatherstrip and the window molding. Pry up on the two clips and the five retaining tabs, and remove the right quarter pillar trim.



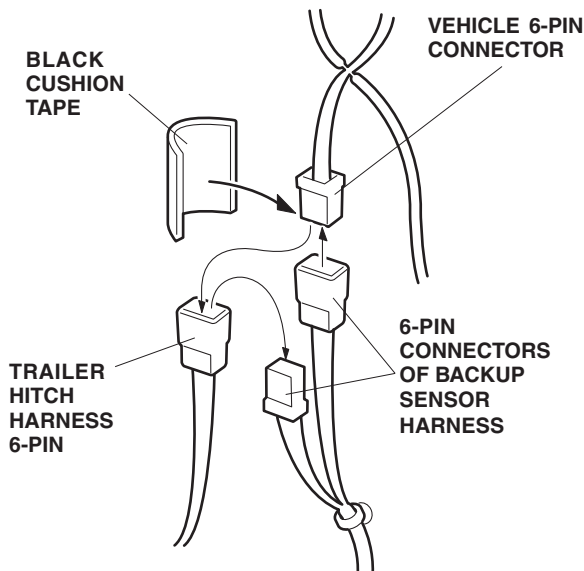
19. Remove the two clips from the air duct.



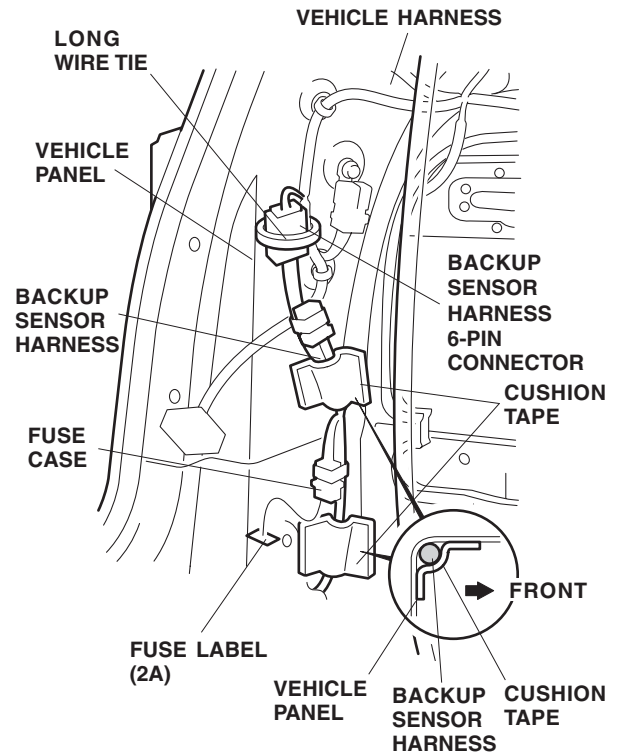
- On the left side of the rear side panel, locate the 6-pin connector blue-taped to the vehicle harness, and remove the blue tape to free the connector. Plug the backup sensor harness 6-pin connector into the 6-pin connector you just freed.



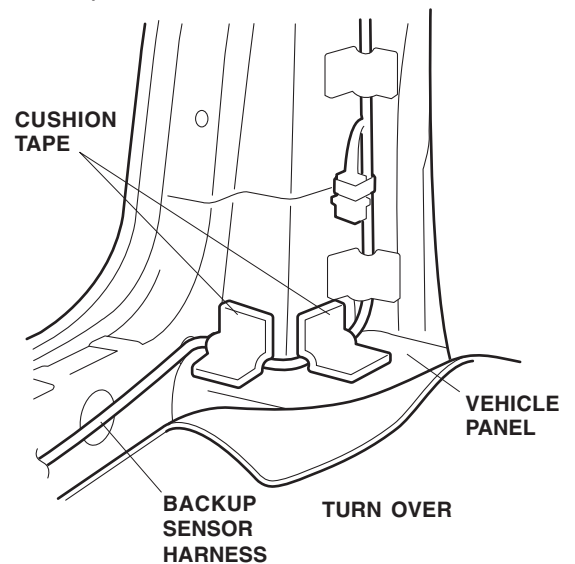
NOTE: If you are also installing a trailer hitch, remove the blue tape to free the 6-pin connector of the backup sensor harness. Connect the trailer hitch 6-pin connector to the 6-pin connector you just freed, and attach a black cushion tape to the backup sensor harness 6-pin connector.



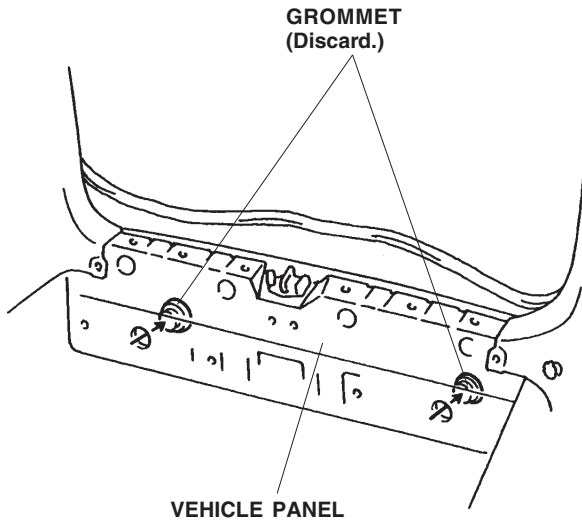
- Attach the fuse label (2A) to the backup sensor harness fuse case. Secure the backup sensor harness 6-pin connector to the vehicle harness with one long wire tie.



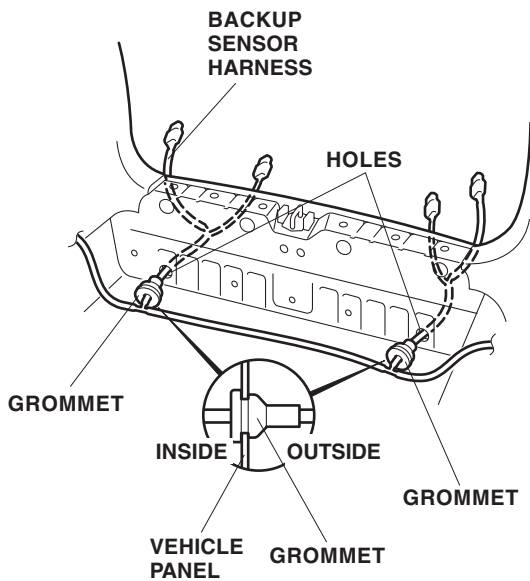
- Using isopropyl alcohol on a shop towel, thoroughly clean the areas where the gray cushion tapes will attach. Secure the backup sensor harness to the vehicle panel with two gray cushion tapes.
- Turn over the floor mat. Using isopropyl alcohol on a shop towel, thoroughly clean the areas where the gray cushion tapes will attach. Secure the backup sensor harness to the vehicle panel with two gray cushion tapes.



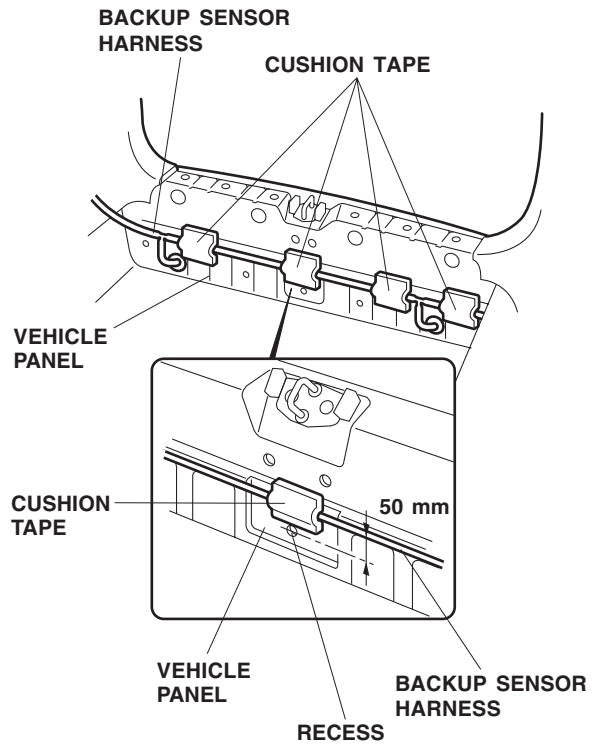
24. Remove and discard the two grommets from the vehicle panel.



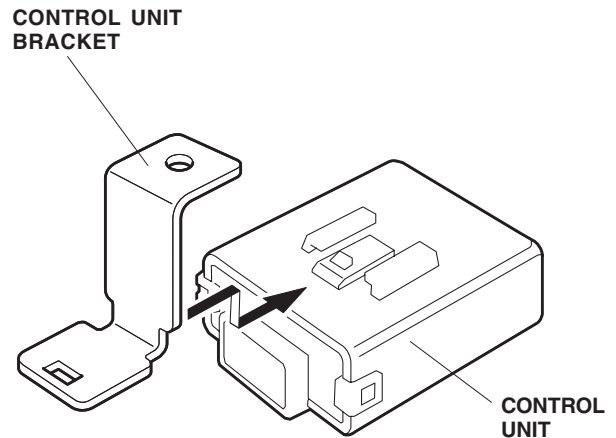
25. Route the backup sensor through the holes in the vehicle panel, and seat the two grommets into the holes.



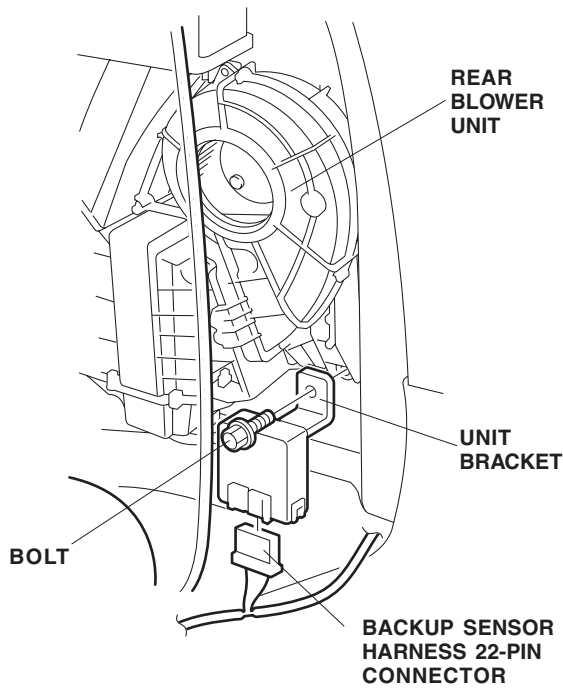
26. From the recess below the tailgate latch, measure 50 mm upward and mark the body. Position the sensor harness on the vehicle panel, and align it with the mark you just made.



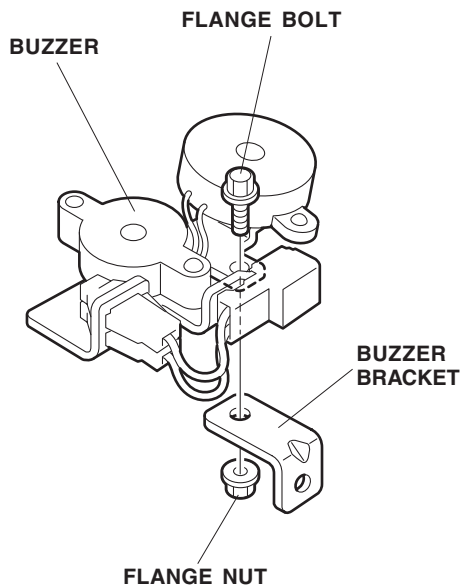
27. Using isopropyl alcohol, thoroughly clean the areas where the gray cushion tapes will attach. Secure the sensor harness to the vehicle panel with four gray cushion tapes.
28. Slide the control unit bracket onto the control unit.



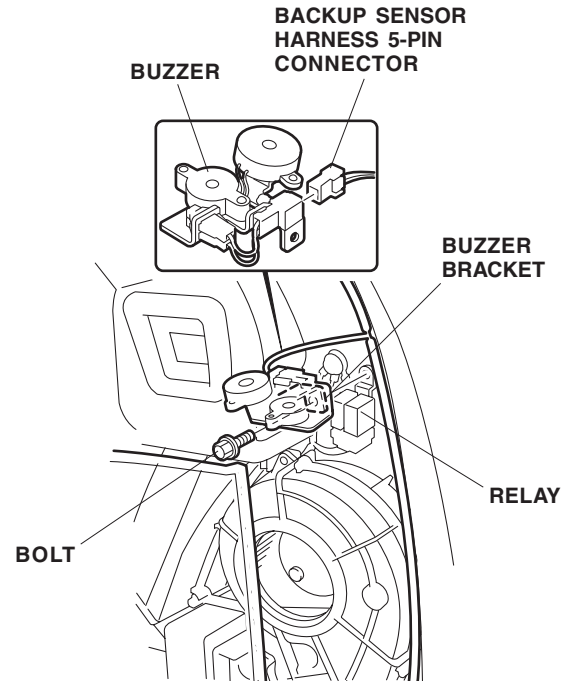
29. Plug the backup sensor harness 22-pin connector into the control unit.



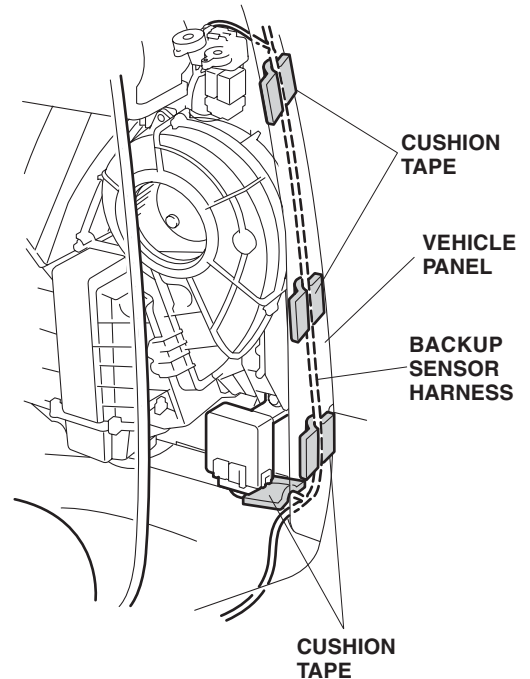
30. Remove the bolt that fastens the rear blower unit, and install the control unit bracket with this bolt.
31. Install the buzzer bracket onto the buzzer with the flange bolt and flange nut.



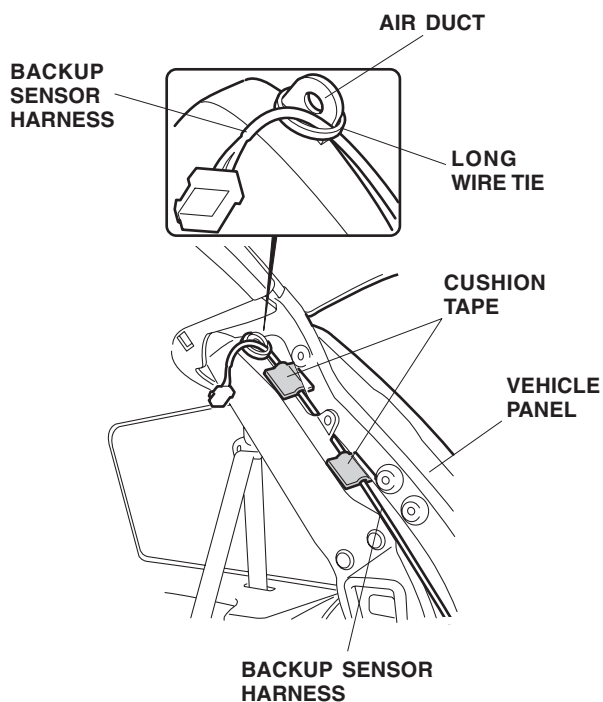
32. Plug the backup sensor harness 5-pin connector into the 5-pin connector of the buzzer.



33. Remove the bolt that fastens the relay bracket, and install the buzzer bracket with this bolt.
34. Using isopropyl alcohol on a shop towel, thoroughly clean the areas where the gray cushion tapes will attach. Secure the backup sensor harness to the vehicle panel with four gray cushion tapes in the areas shown.

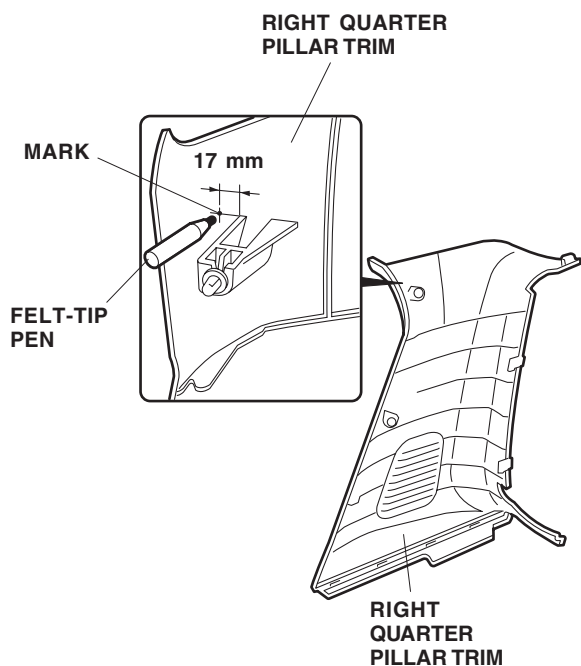


35. Secure the backup sensor harness to the air duct with one long wire tie.

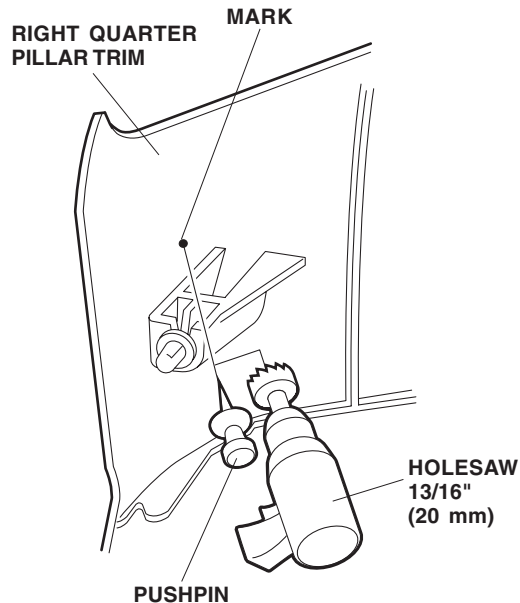


36. Using isopropyl alcohol on a shop towel, thoroughly clean the areas where the gray cushion tapes will attach. Secure the backup sensor harness to the vehicle panel with two gray cushion tapes.

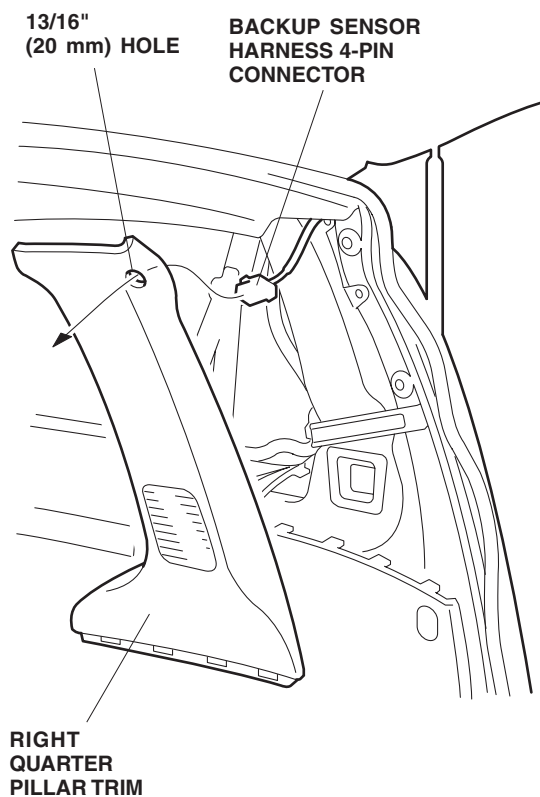
37. Using a tape measure and a felt-tip pen, measure and mark the right quarter pillar trim as shown.



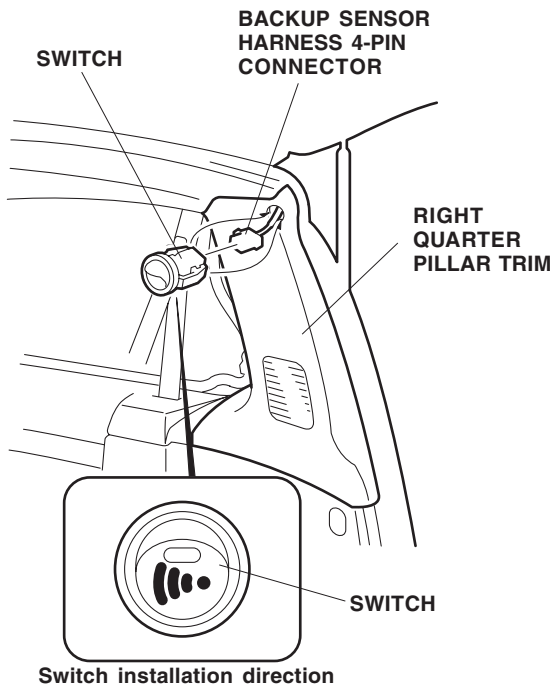
38. While wearing eye protection, drill a 13/16" (20 mm) hole through the mark you just made. Remove any burrs.



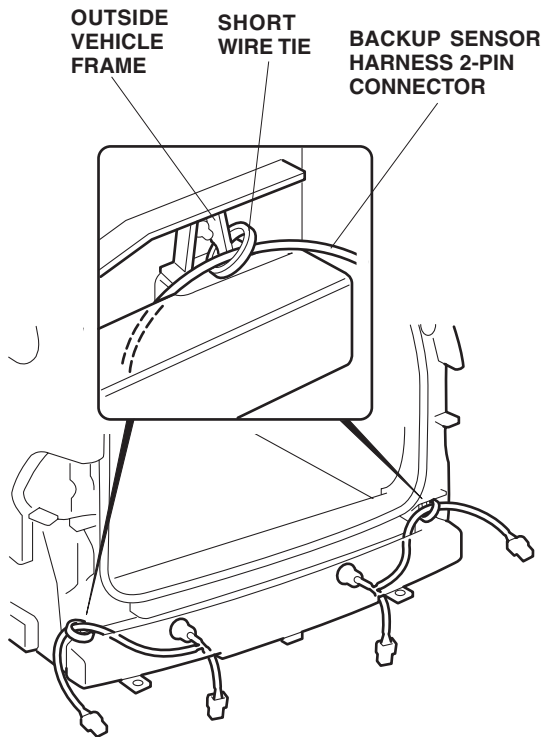
39. Install the two clips on the air duct. Pull the backup sensor harness 4-pin connector out through the 13/16" (20 mm) hole you made, then reinstall the right quarter pillar trim. Check that all clips and retaining tabs are installed securely.



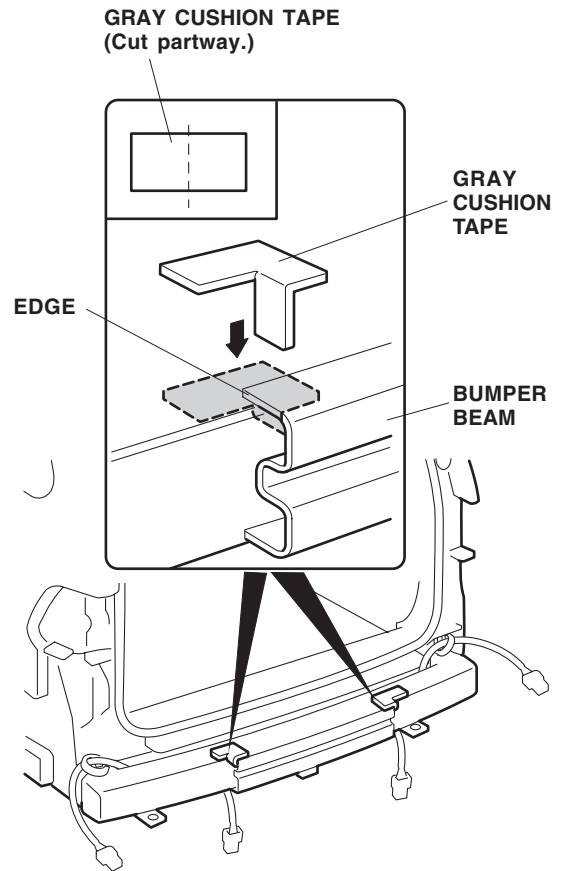
40. Plug the backup sensor harness 4-pin connector into the switch, and install the switch into the hole in the right quarter pillar trim in the direction shown.



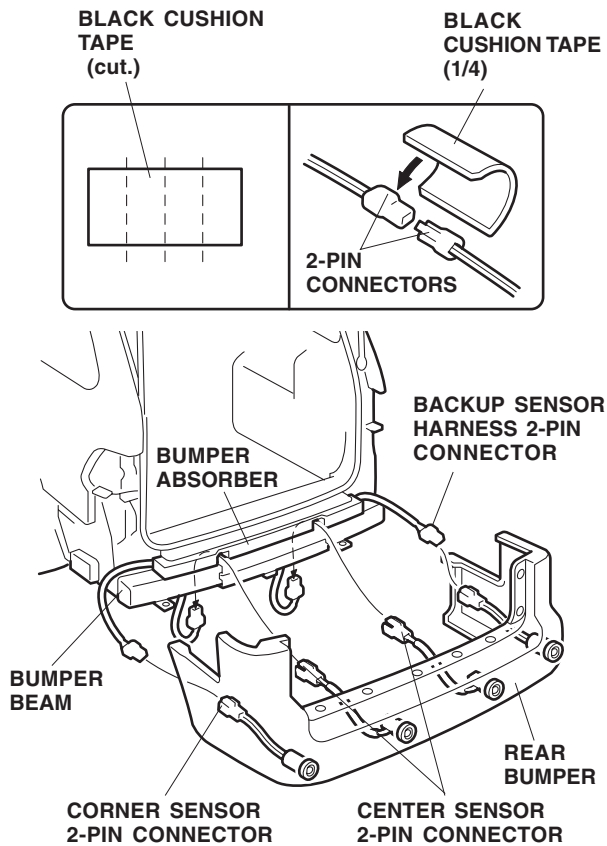
41. Secure the outer backup sensor harness 2-pin connector to the outside vehicle frame with two short wire ties.



42. Using scissors, cut two gray cushion tapes as shown. Using isopropyl alcohol, thoroughly clean the areas where the gray cushion tapes will attach. Attach the cushion tapes on the edges of the bumper beam as shown.

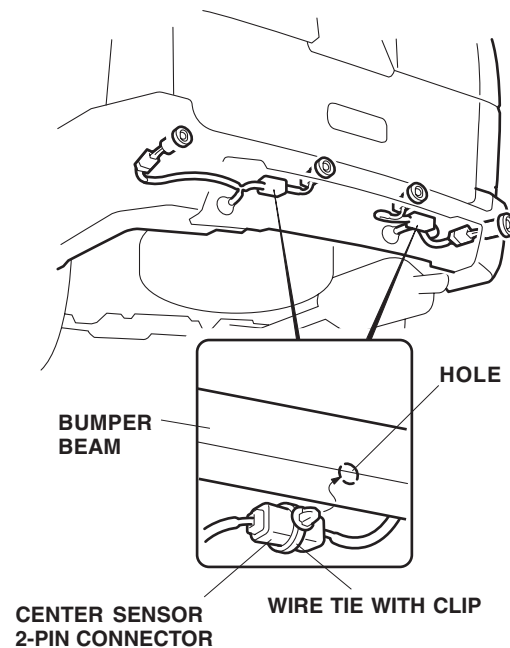


- Reinstall the bumper absorber. While holding the rear bumper close to the vehicle, route the two outer backup sensor harness 2-pin connectors around the ends of the bumper absorber.



- Route the two inner backup sensor harness 2-pin connectors through the holes in the rear bumper, plug the connectors into the center sensor connectors, and reinstall the rear bumper. Check that all clips and retaining tabs are installed securely.
- Plug the two outer backup sensor harness 2-pin connectors into the corner sensor 2-pin connectors.
- Using scissors, cut one black cushion tape into four pieces, and attach one piece around each of the backup sensor harness 2-pin connectors.

- Secure the center sensor 2-pin connectors to the holes in the bumper beam with the two wire ties with clip.



- Check that all wire harnesses are routed properly and all connectors are plugged in.
- Reinstall all removed parts.
- Reconnect the negative cable to the battery.
- Enter the customer's radio anti-theft code, and reset the radio station presets.
- Reset the clock.
- Check that the backup sensors work properly as described in the Owner's Manual supplied with the sensor kit.

NOTE: Whenever 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 2 seconds.
- Check the operation of the driver's window AUTO function.