



# INSTALLATION INSTRUCTIONS

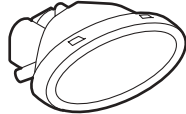
Accessory <b>FOG LIGHTS</b> P/N 08V31-S5T-110	Application <b>2002-2003 CIVIC Si</b>	Publications No. <b>All 23539</b>
		Issue Date <b>MARCH 2002</b>

## PARTS LIST

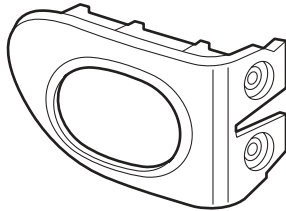
Fog light (right)



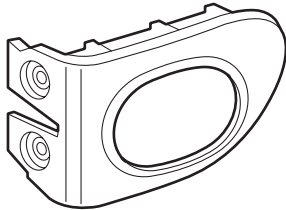
Fog light (left)



Trim (right)



Trim (left)



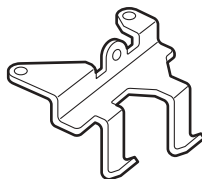
Bracket A (right)



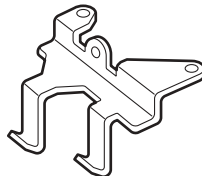
Bracket A (left)



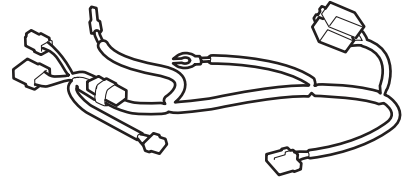
Bracket B (right)



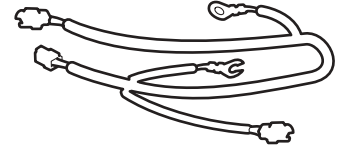
Bracket B (left)



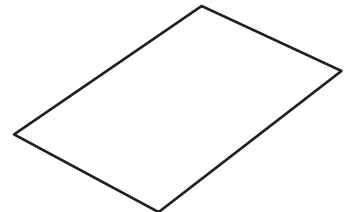
Main harness



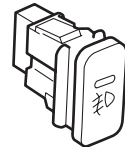
Fog light harness



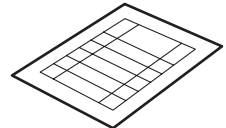
Templates A, B, and C



Switch



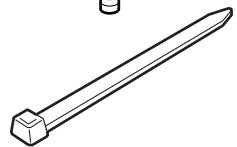
Fuse label



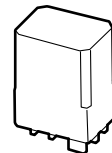
2 Stepped screws



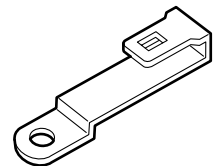
28 Wire ties



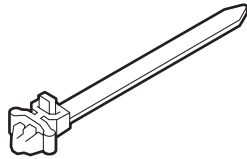
2 Relays



Relay holder



2 Wire ties with clip



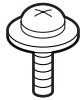
4 Self-tapping-screws, 4 x 10 mm



4 Self-tapping-screws, 5 x 16 mm



4 Large washer-screws



2 Washer screws



4 Nuts



Clip



## TOOLS AND SUPPLIES REQUIRED

#2 Phillips screwdriver

Flat-tip screwdriver

Ratchet

10 mm Sockets

Drill

5 mm and 10 mm Drill bits

Diagonal cutters

Pushpin

Utility knife

Felt-tip pen

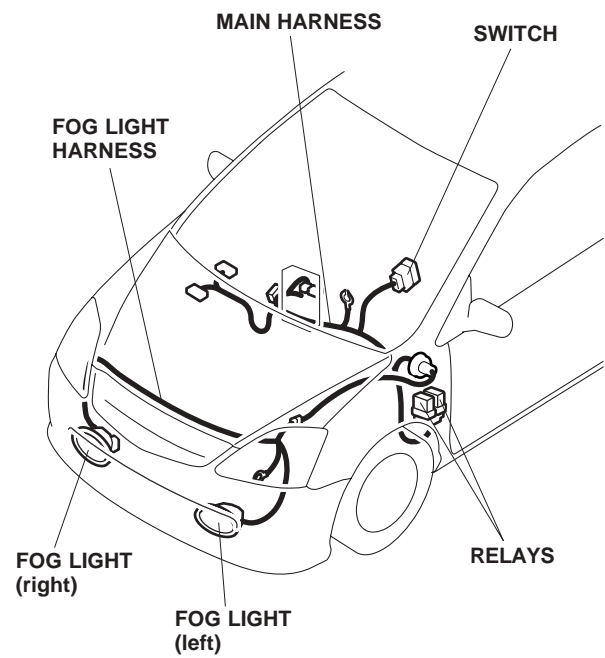
Gloves

Scissors

Masking tape

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

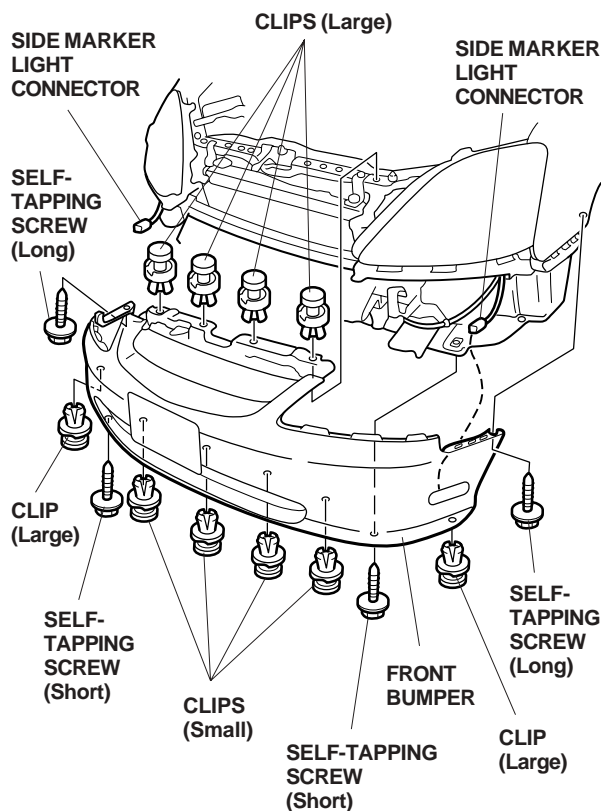
### *Illustration of the Fog Lights Installed on the Vehicle*



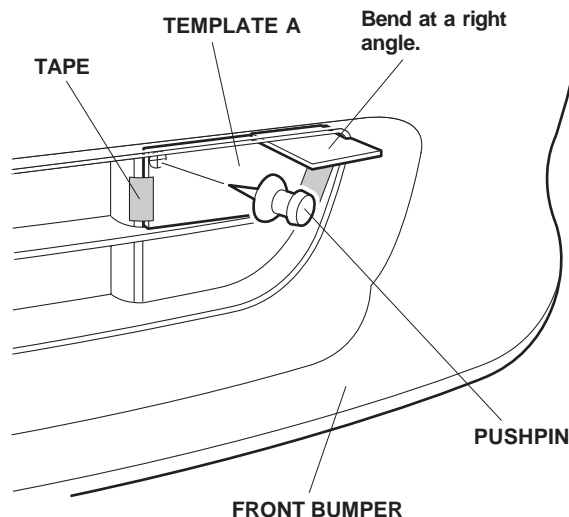
## INSTALLATION

**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 car. These procedures should not be attempted by “do-it-yourselfers.”

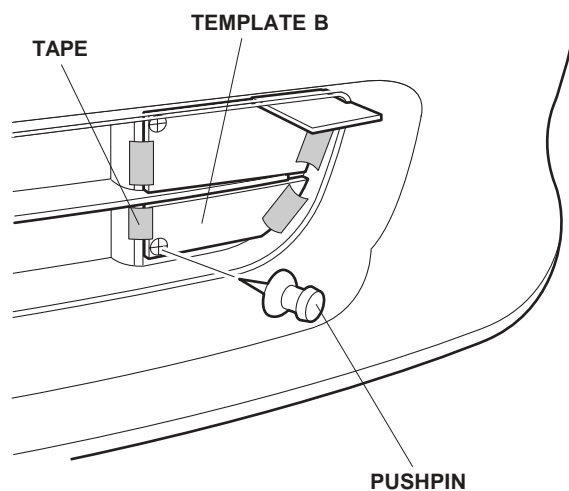
1. Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Disconnect the negative cable from the battery.
3. Remove the front bumper.
  - Remove the four clips from the top of the bumper.
  - Remove the six clips and two self-tapping screws from the bottom of the bumper.
  - Remove the two self-tapping screws from both ends of the bumper.
  - Pull out on both ends of the bumper to release the clips, then pull the bumper forward enough that you can reach behind it and disconnect the side marker lights.



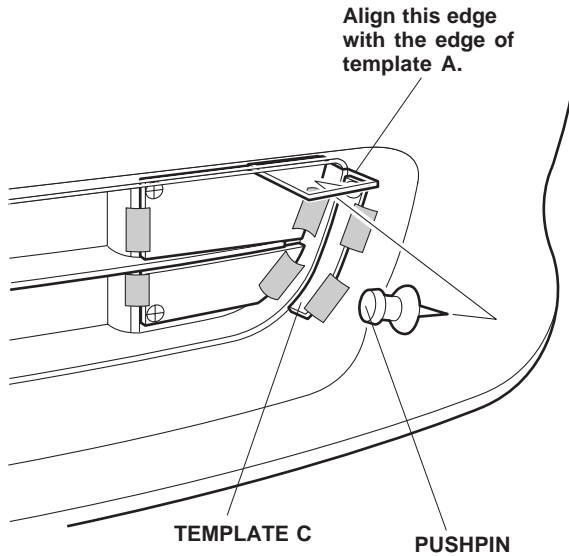
4. Using scissors, cut out template A, and place it on the bumper grille by aligning the upper edge with the left upper edge of the bumper grille as shown. Tape the template. Using a pushpin, mark the bumper grille as indicated on the template.



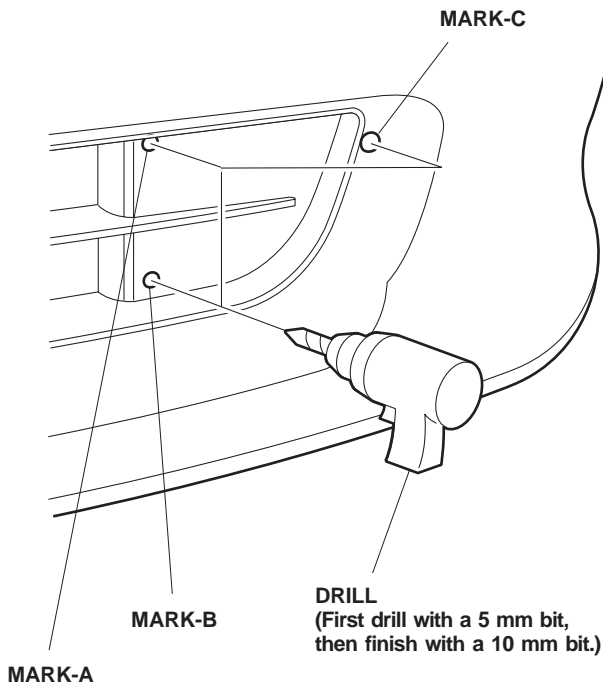
5. Cut out template B, and tape it onto the bumper grille by aligning the lower edge with the left lower edge of the bumper grille as shown. Using a pushpin, mark the bumper grille as indicated on the template.



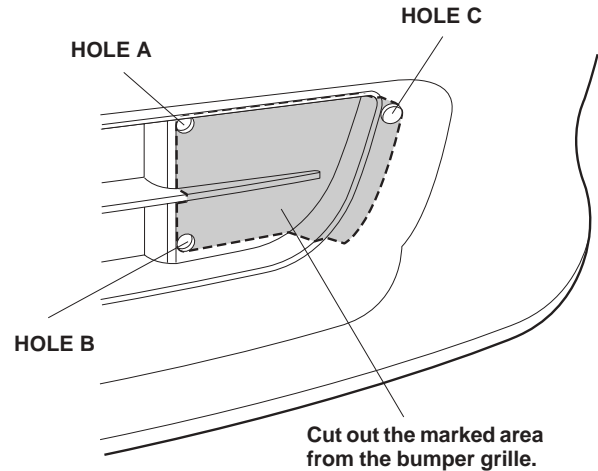
- Cut out template C, and tape it onto the front bumper by aligning the inner edge with the left edge of the bumper grille as shown. Mark the bumper grille as indicated on the template.



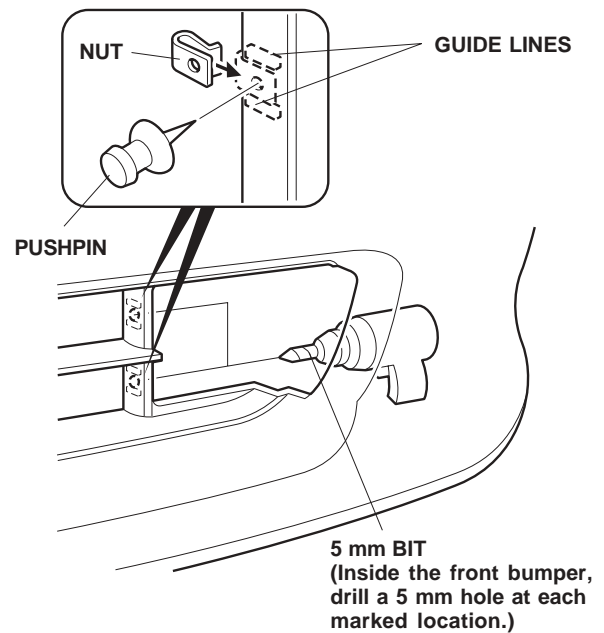
- Remove templates A, B, and C. While wearing eye protection, drill a 10 mm hole through each of the three marks. First drill with a 5 mm bit, then finish with a 10 mm bit.



- Cut out the marked areas from the bumper grille.
  - Cut the upper and lower edges at right angles as viewed from the front.
  - Cut the right edge parallel with the vertical line of the bumper grille.

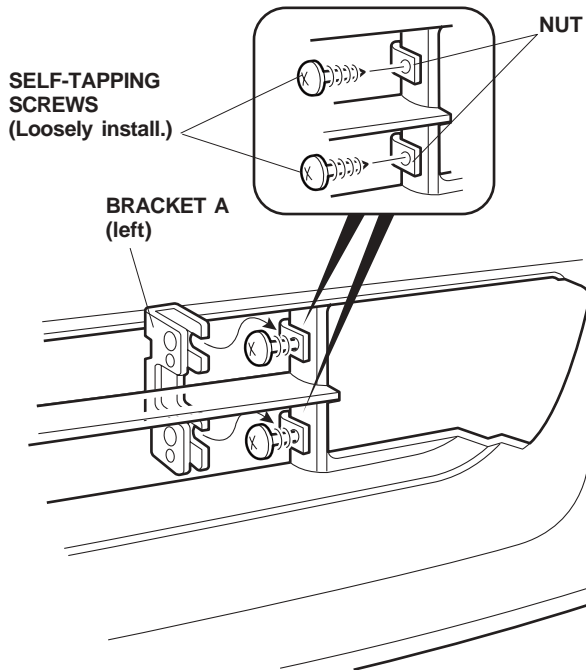


- Inside the front bumper, temporarily slide the two spring nuts onto the bumper grille as indicated by the guide lines as shown. Using a pushpin, mark the bumper grille at each of the two holes in the spring nuts. Remove the spring nuts.
- While wearing eye protection, drill a 5 mm hole through the bumper grille at each mark. After drilling, remove any burrs from the edges of the holes with a file.

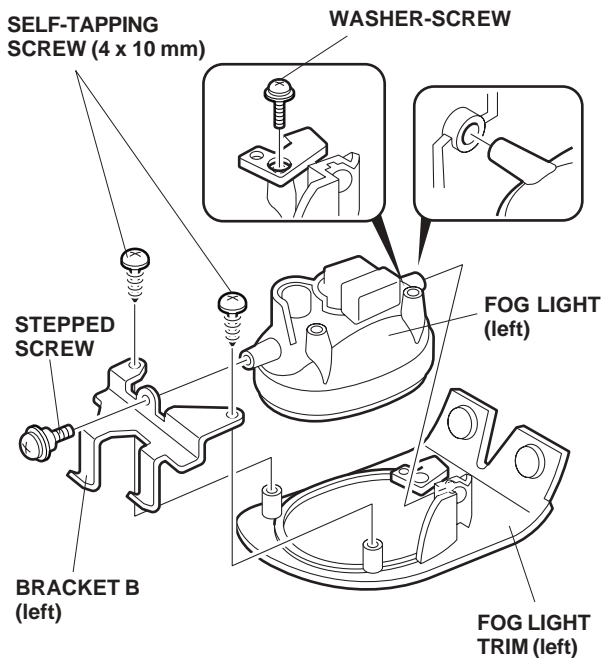


- Prepare the bumper for the right fog light by turning over the templates and repeating steps 4 through 10 at the right side.

- Slide the two spring nuts onto the bumper grille, then loosely install the two self-tapping screws. Position bracket A between the bumper grille and the heads of the self-tapping screws, then tighten the self-tapping screws securely.

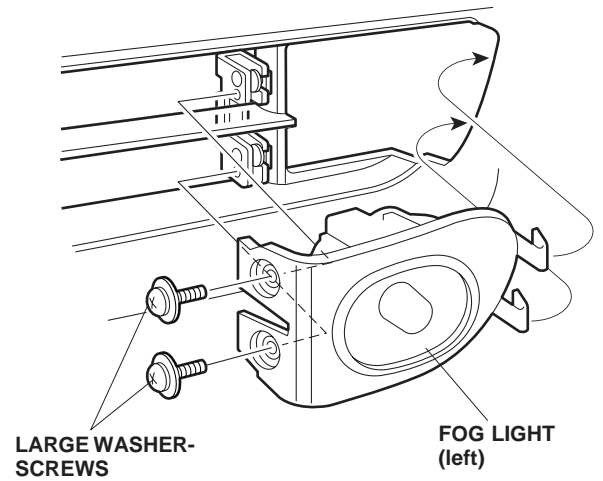


- Position the fog light on the fog light trim, then attach bracket B to the fog light trim with two 4 x 10 mm self-tapping screws.

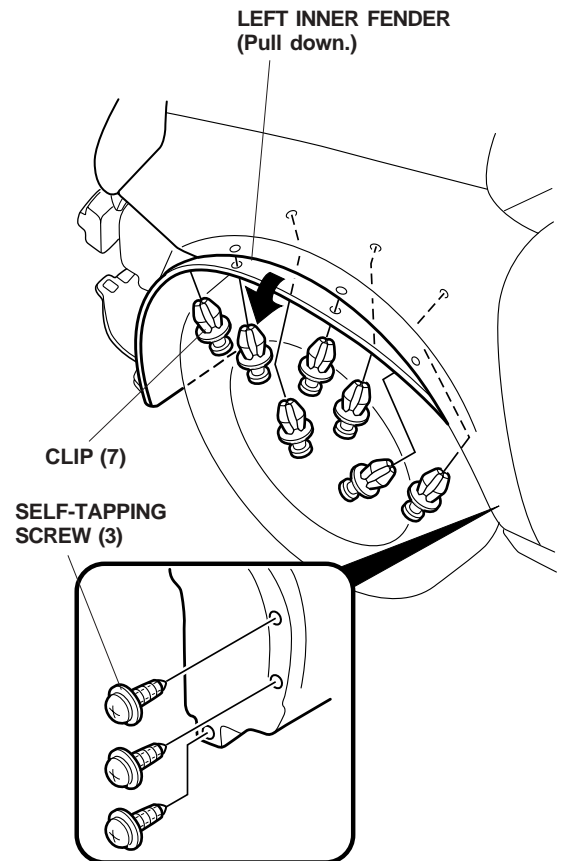


- Install one stepped screw and one washer-screw to secure the fog light to bracket B and the fog light trim.

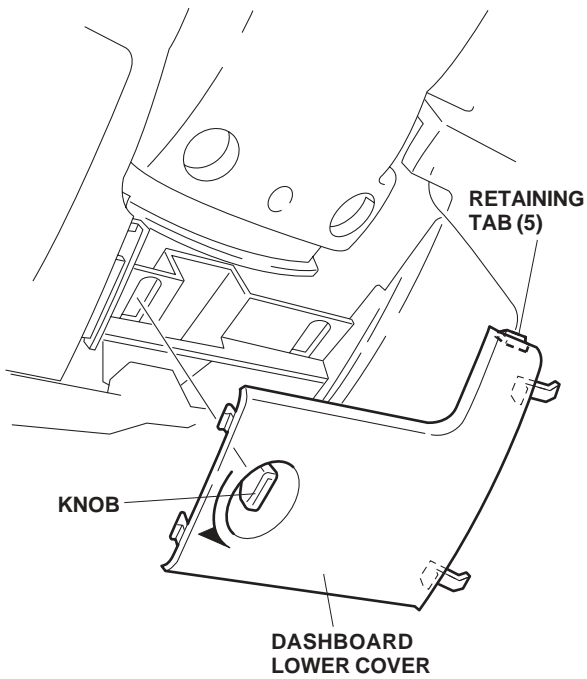
- Position the fog light and fog light trim assembly on the bumper grille, and install the two large washer-screws.



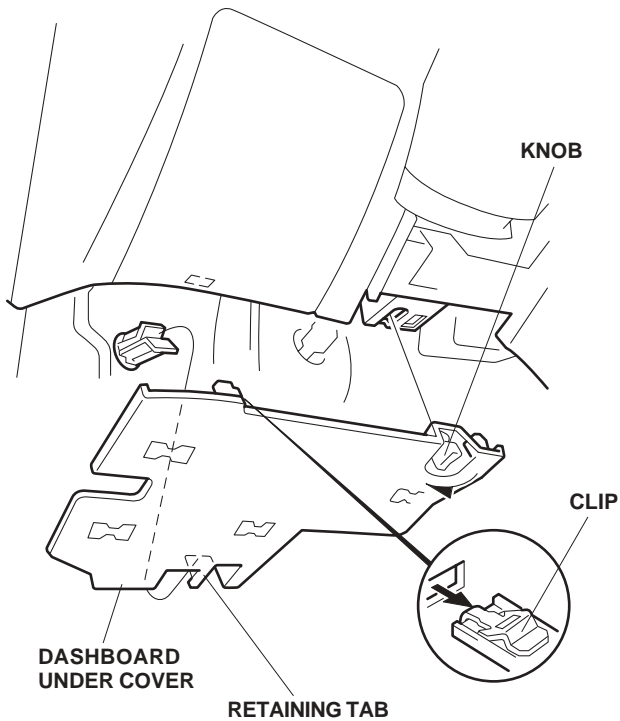
- Repeat steps 12 through 15 for the right fog light.
- Remove the three self-tapping screws that fasten the left front inner fender to the fenderwell, and pull the inner fender down.



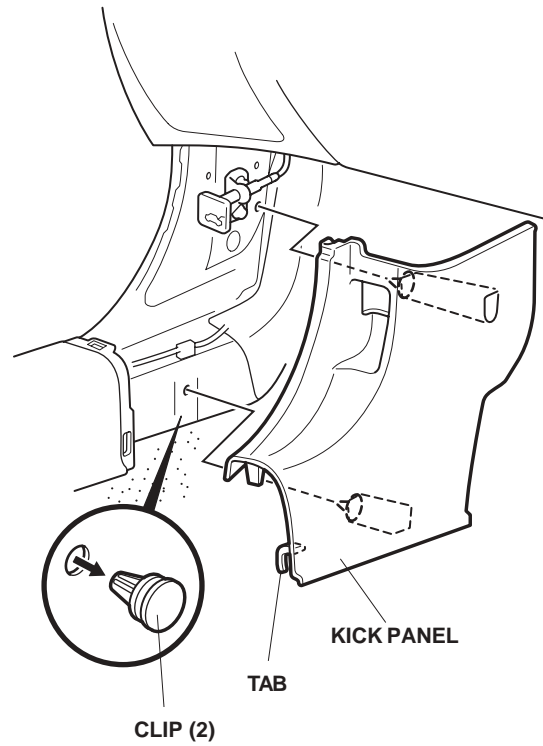
18. Remove the dashboard lower cover on the driver's side. Turn the knob counterclockwise, and release the five retaining tabs.



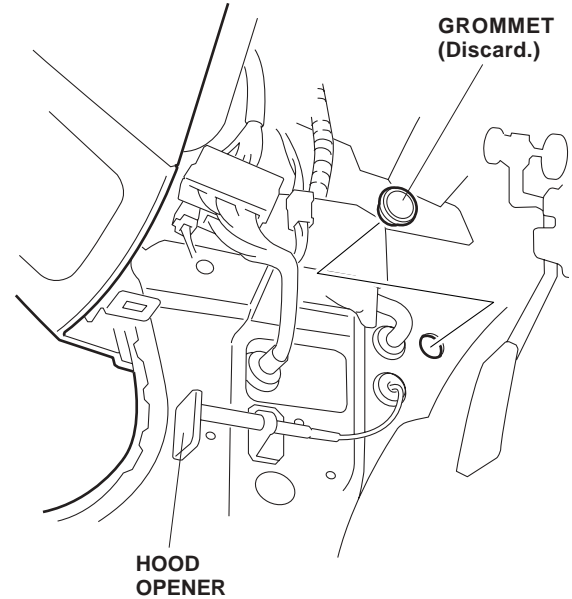
19. Remove the driver's dashboard under cover. Turn the knob clockwise, and release the clip and one retaining tab.



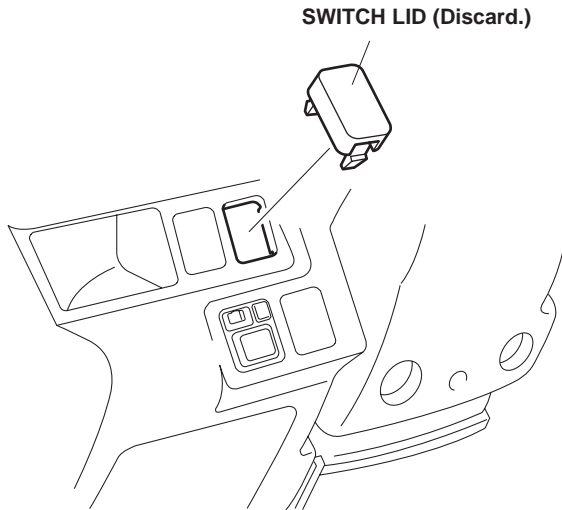
20. Pull the kick panel out toward you to release the two clips, then lift it up to remove it.



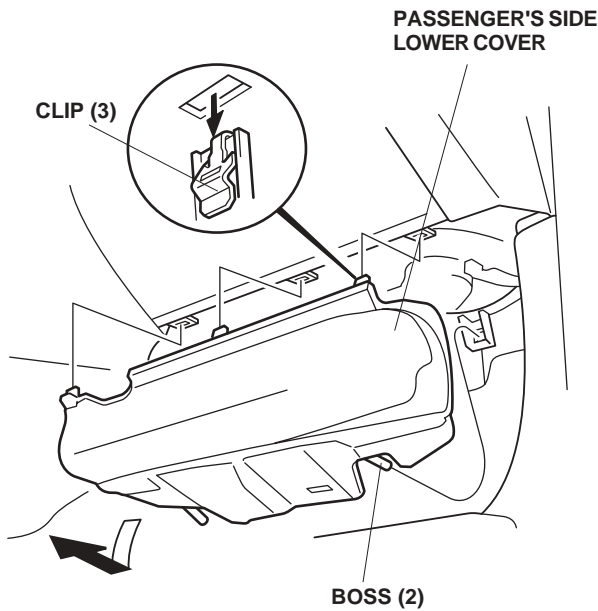
21. Pull the grommet out of the hole in the top of the left side panel.



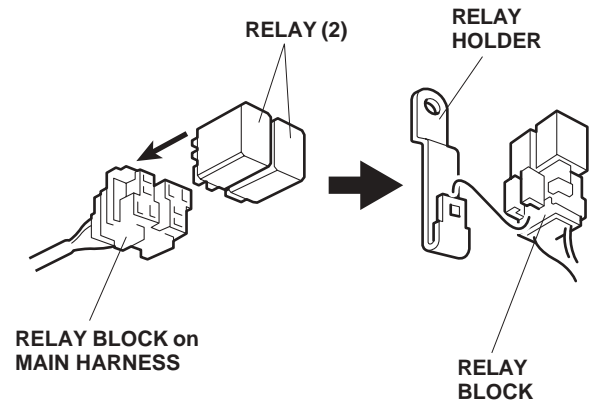
22. Remove the switch lid from the instrument panel.



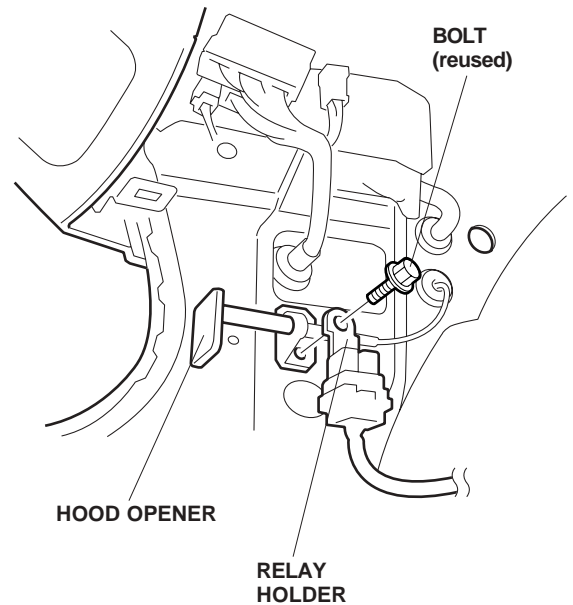
23. Pull the passenger's side lower cover down to release the three clips, then pull it out toward you to release the two bosses. Remove the lower cover.



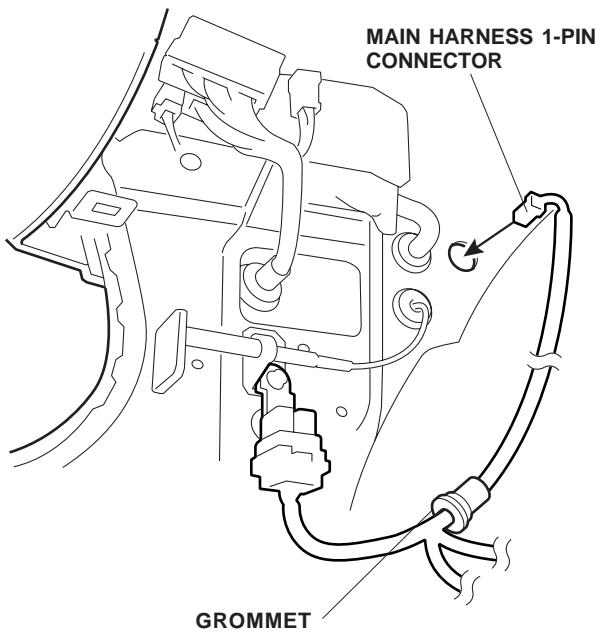
24. Plug the two relays (gray) into the relay block on the main harness, then slide the relay holder onto the relay block as shown.



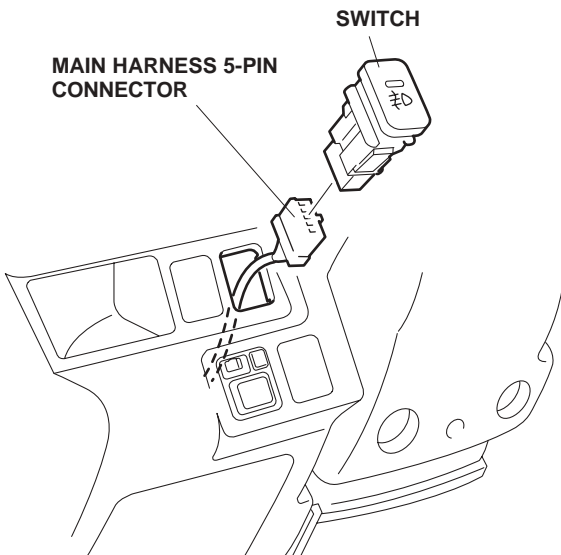
25. Remove the bolt that secures the hood opener, then secure the relay holder and the hood opener with this bolt.



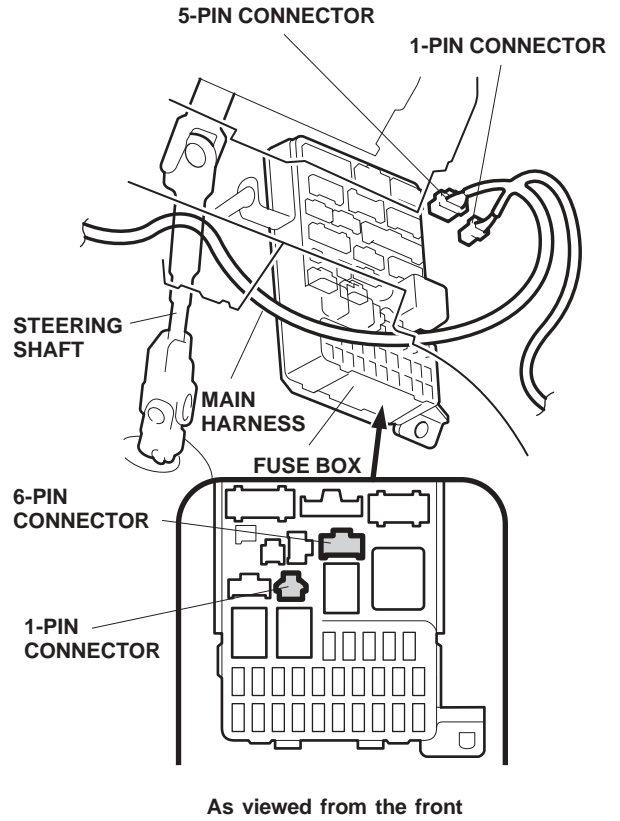
26. Route the 1-pin connector of the main harness out through the hole where the grommet was removed. Seat the grommet on the main harness in the grommet hole securely.



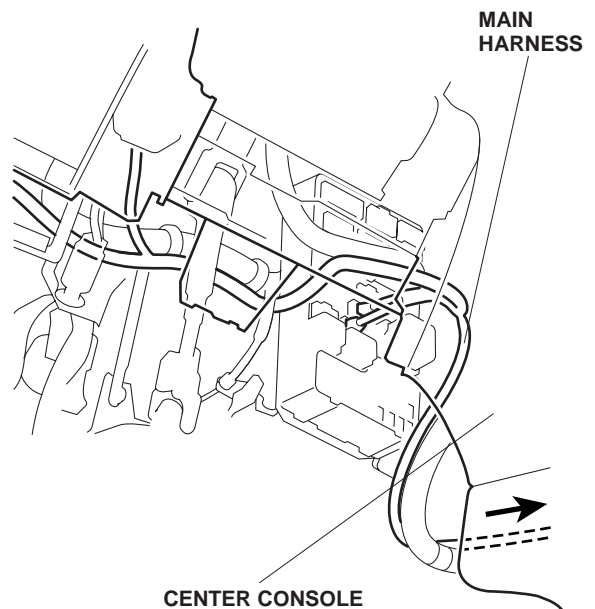
27. Pull the 5-pin connector of the main harness out through the switch hole, then plug it into the switch. Install the switch in the switch hole.



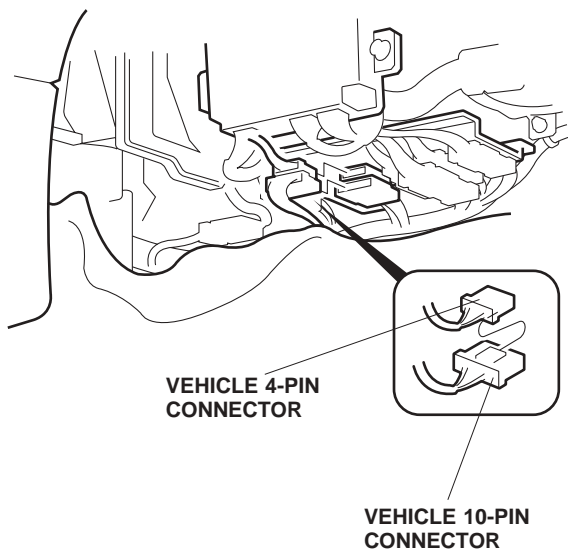
28. Route the main harness to the right over the cruise control unit bracket and the steering shaft, and plug the 1-pin and 6-pin connectors into the fuse box.



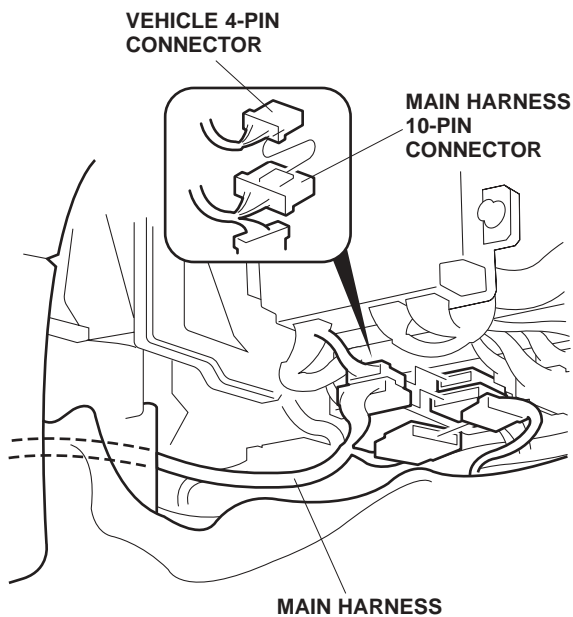
29. Route the 10-pin connector of the main harness behind the center console to the passenger's side.



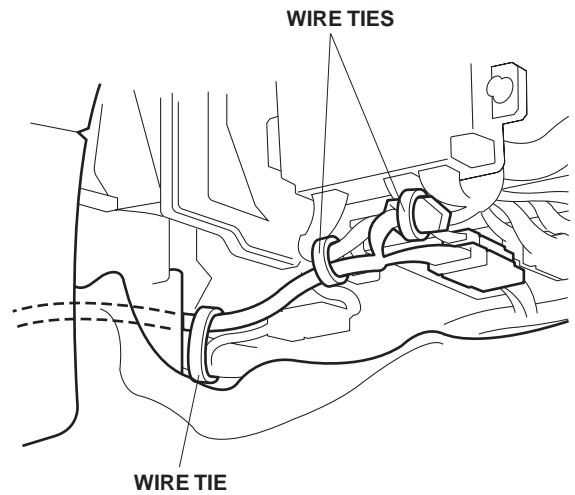
30. On the passenger's side, locate the vehicle 10-pin and 4-pin connectors, and disconnect them. Slide the 4-pin connector off the 10-pin connector as shown.



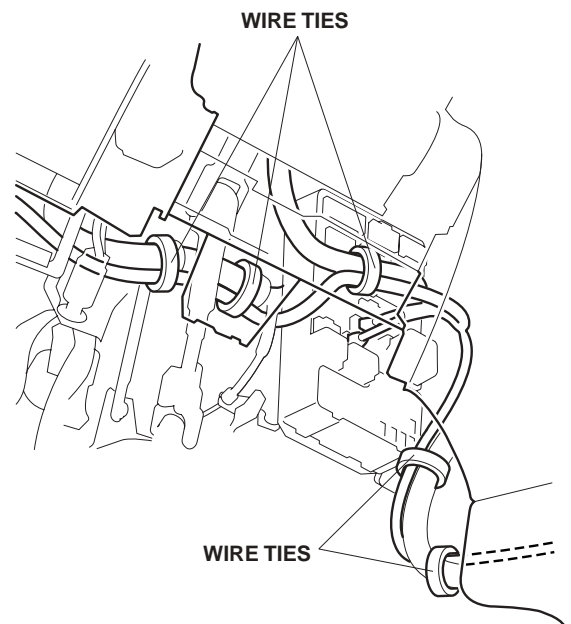
31. Slide the vehicle 4-pin connector you just removed onto the 10-pin connector of the main harness, then connect them in between.



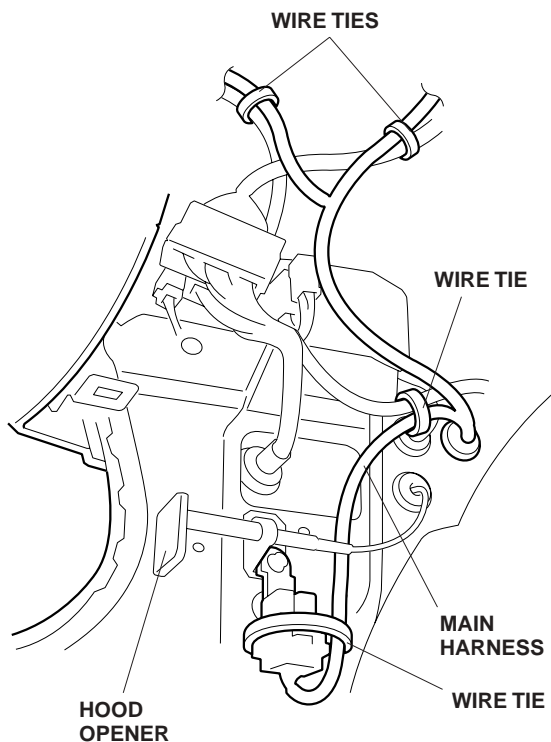
32. On the passenger's side, secure the main harness to the vehicle harness with three wire ties in the areas shown.



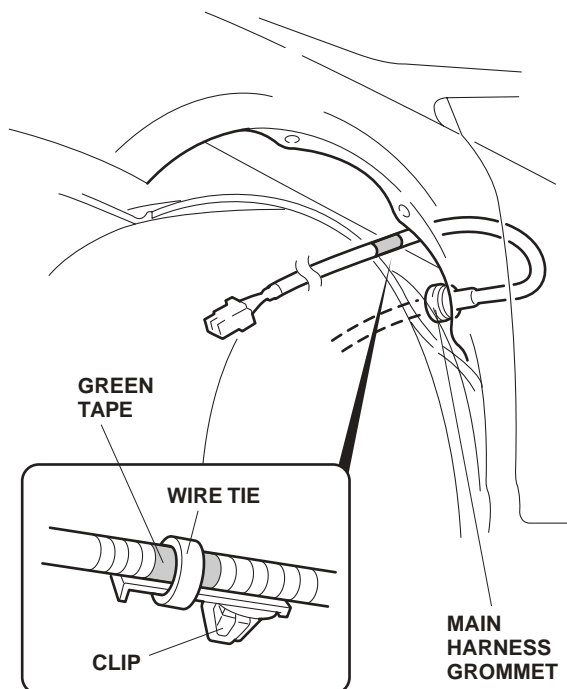
33. On the right of the driver's side, secure the main harness to the dashboard wire harness with five wire ties in the areas shown. This harness is near the brake pedal bracket, about 150 mm (6 in.) above the steering shaft.



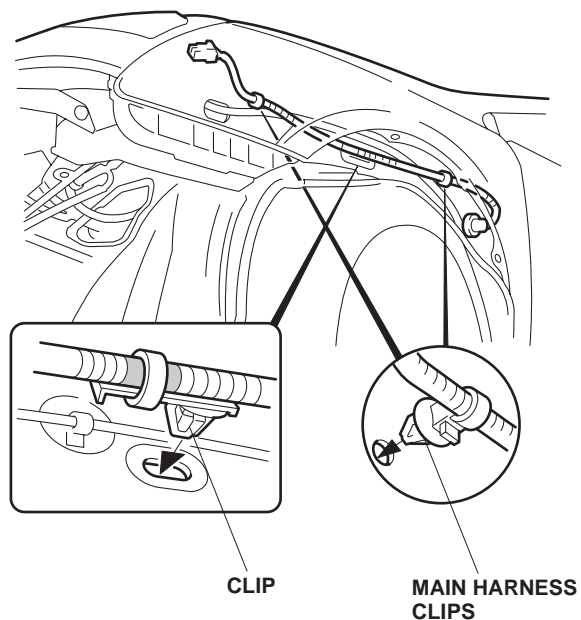
34. On the left of the driver's side, secure the main harness to the vehicle harness with four wire ties in the areas shown.



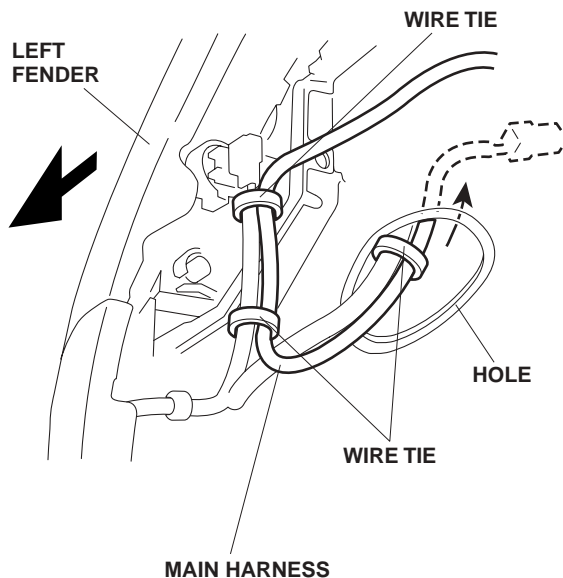
35. Route the 1-pin connector of the main harness (routed out in step 26) forward, then secure the harness clip to the main harness with the wire tie where the green tape is wrapped, as shown.



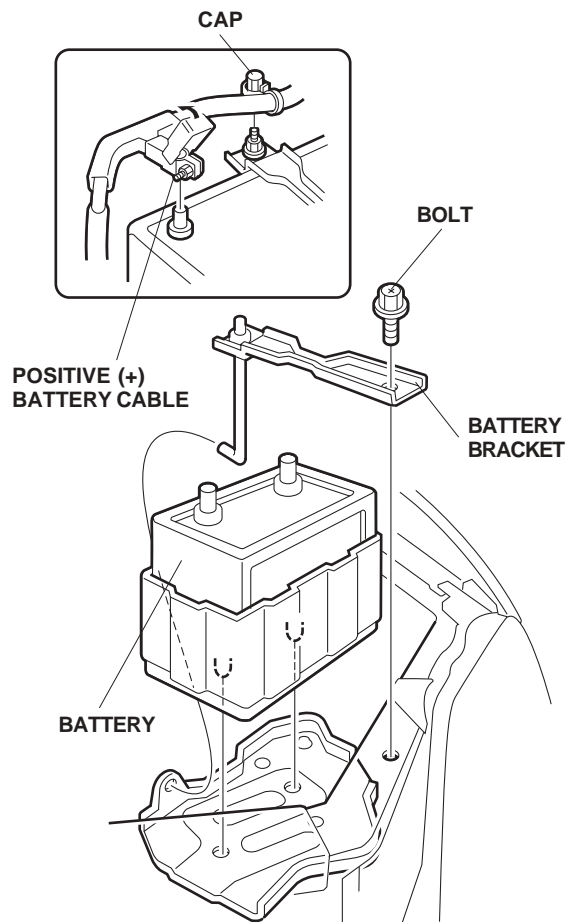
36. Push the two harness clips on the main harness and the one harness clip you just installed onto the main harness into the two round holes and one square hole in the top of the inner fender as shown.



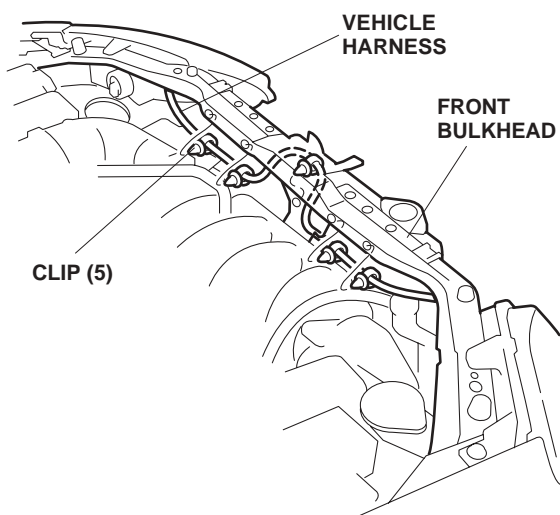
37. Route the 1-pin connector of the main harness into the engine compartment, then secure it to the vehicle harness with three wire ties inside the left inner fender in the areas shown.



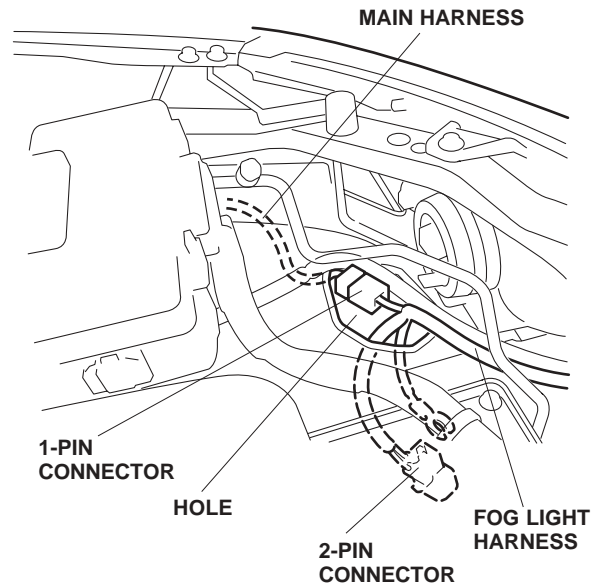
38. Check that the negative cable was already disconnected from the battery, then disconnect the positive (+) cable from the battery. Remove the battery and the battery bracket.



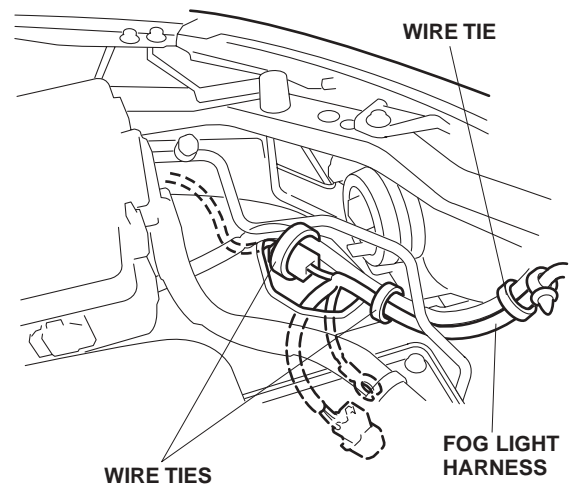
39. Remove the five harness clips from the front bulkhead to free the vehicle harness.



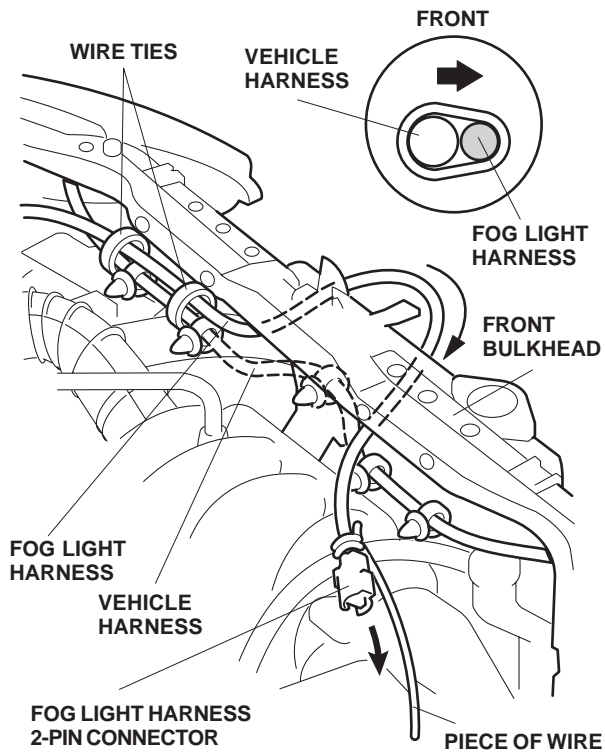
40. Plug the 1-pin connector of the main harness routed into the engine compartment in step 37 to the 1-pin connector and the ground terminal of the fog light harness, then route the 2-pin connector of the fog light harness to the inner fender through the panel hole under the left headlight.



41. Route another 2-pin connector of the fog light harness to the right along the vehicle harness, then secure them with three wire ties in the areas shown.

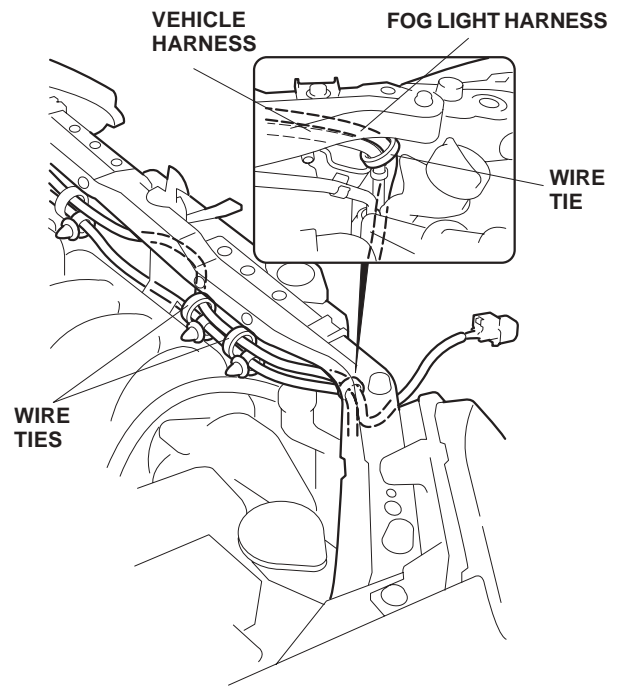


42. Attach a piece of wire to the 2-pin connector of the fog light harness, then route it up to the front of the right headlight along the vehicle harness as shown.

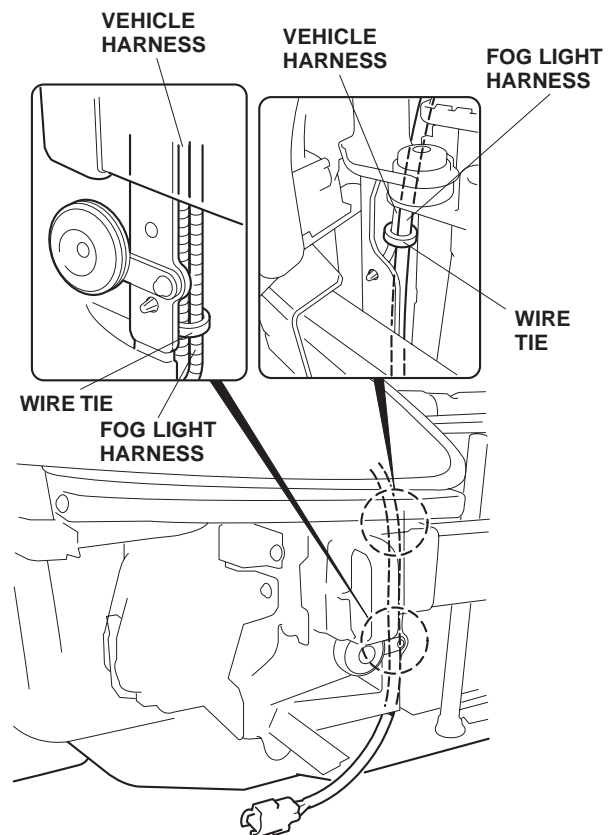


43. On the left side of the front bulkhead, secure the fog light harness to the vehicle harness with two wire ties.

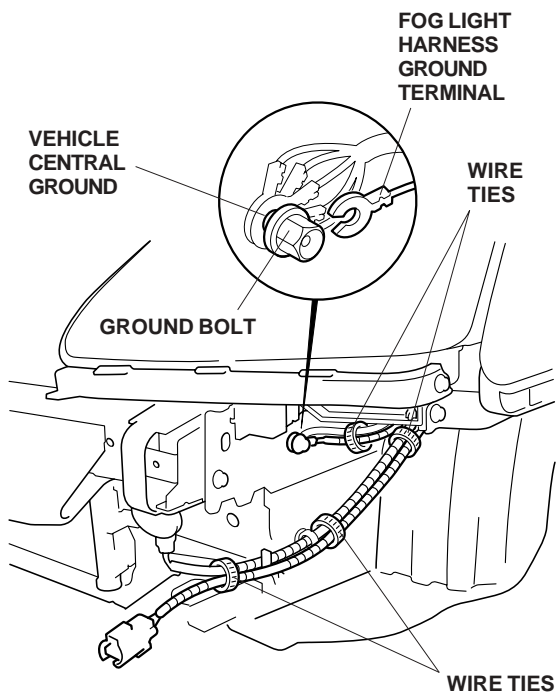
44. Route the fog light harness down between the right bulkhead and the radiator, then secure it to the vehicle harness with three wire ties.



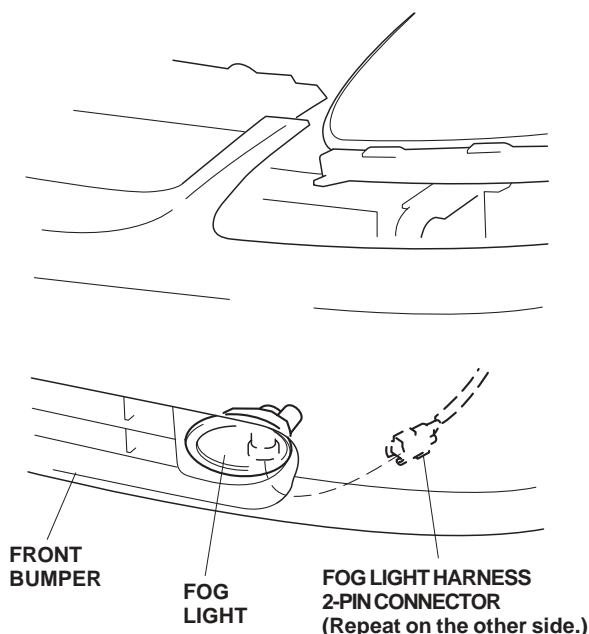
45. Secure the fog light harness to the vehicle harness with two wire ties.



46. Loosen the vehicle central ground bolt, and secure the ground terminal of the fog light harness with this ground bolt.
47. Secure the fog light harness to the vehicle harness with four wire ties.



48. While holding the front bumper near the front of the vehicle, plug the right and left 2-pin connectors of the fog light harness into the right and left fog lights.
49. Plug in the side marker lights, and reinstall the front bumper. Check that all clips and retaining tabs are installed securely.



50. Check that all wire harnesses are routed properly and all connectors are plugged in.
51. Reinstall all removed parts.
52. Reinstall the battery and battery bracket. Reconnect the positive cable and then the negative cable to the battery.
53. Reset the clock, and reset the radio station presets.
54. Test the operation of the accessory socket/cigarette lighter.
55. Do the engine control module (ECM) idle learn procedure. The idle learn procedure must be done so the ECM can learn the engine idle characteristics. To complete the idle learn procedure, do this:
  - Make sure all electrical items (A/C, audio, rear defogger, lights, etc.) are off.
  - Start the engine, and hold it at 3000 rpm with no load (in neutral) until the radiator fan comes on, or until the engine coolant temperature reaches 194°F (90°C).
  - Let the engine idle for 5 minutes with the throttle fully closed.

NOTE: If the radiator fan comes on, do not include its running time in the 5 minutes.

## USE AND CARE

### How to Operate Fog Lights

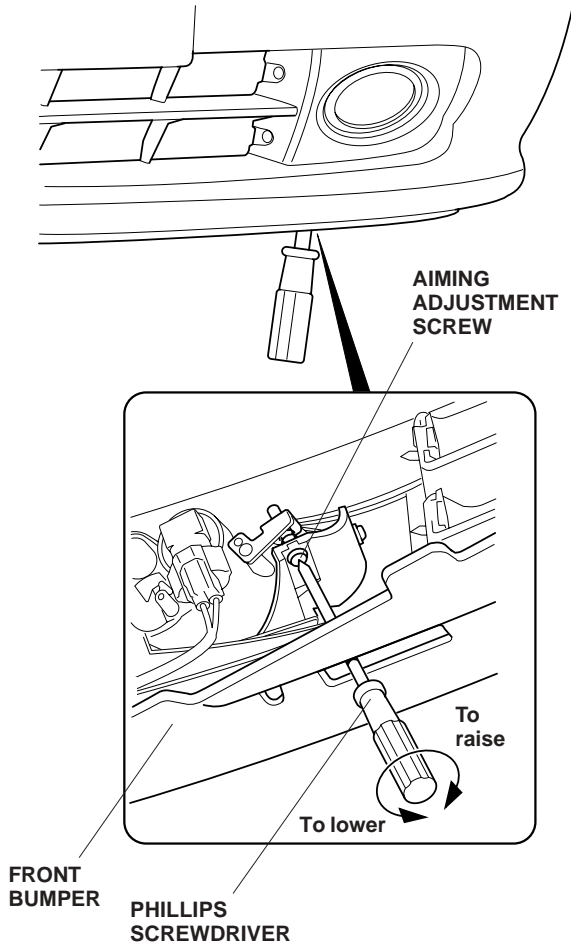
56. Turn the light switch to the "on" position (headlights on low beam).
57. Press the fog light switch (indicator is on).
58. If the fog lights don't come on, check the fuse and all the connectors, including the ground cable and the fusible link.

NOTE: The fog light lenses can cloud when the outside temperature is cold; this is normal and should go away in warm weather.

## Fog Light Aiming Adjustment

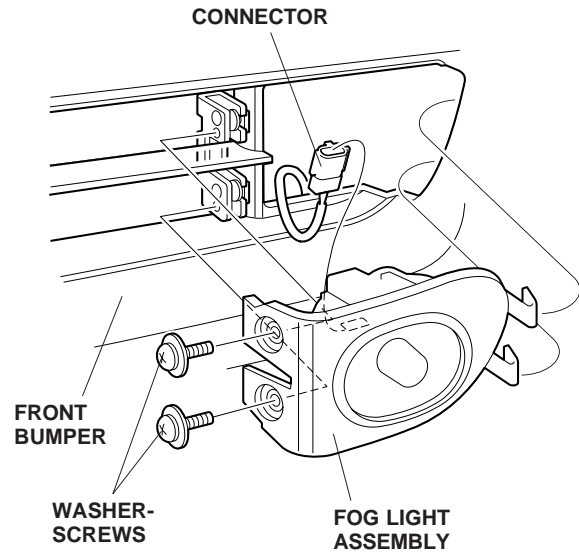
Adjust the fog lights:

- Adjust the aiming according to local laws and regulations.
- To adjust, turn the aiming adjustment screw in or out until the correct aiming is obtained.

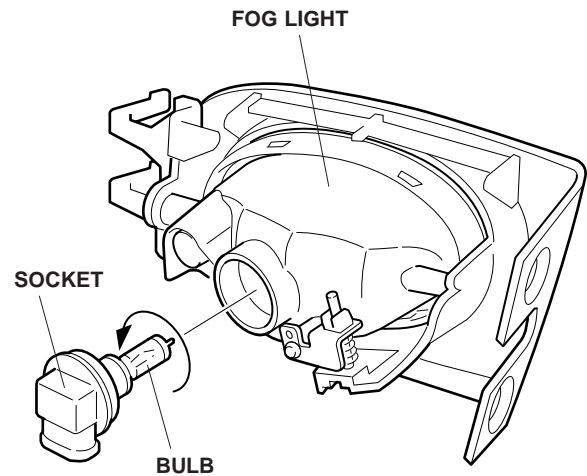


## Replacing the Bulb

1. Remove the two washer-screws that fasten the fog light, and pull the light out toward you.
2. Unplug the connector from the fog light, then remove the fog light assembly.



3. Remove the bulb along with the socket.

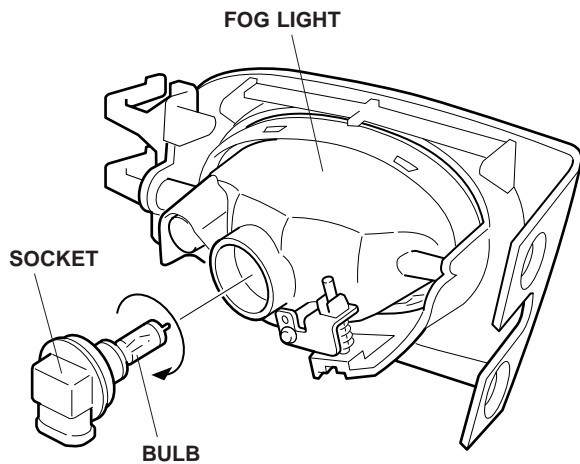


4. Install the new bulb and socket into the fog light assembly.

- Use only a genuine Honda halogen light bulb of specified wattage.

Rating: 12V 55W H11 Halogen Light Bulb  
(P/N 33165-S5A-0030)

- Do not touch the bulb. Oily or greasy substances on the bulb can shorten its service life due to the heat produced when the bulb is turned on. If the bulb is accidentally touched, wipe it clean with a clean, soft cloth that has been dampened with denatured alcohol or a mild detergent solution.
- Align the tab on the fog light with the cutout in the bulb socket when installing the new bulb. If not aligned, the fog light may be misaimed and annoy on-coming drivers.

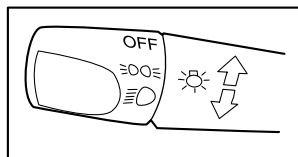
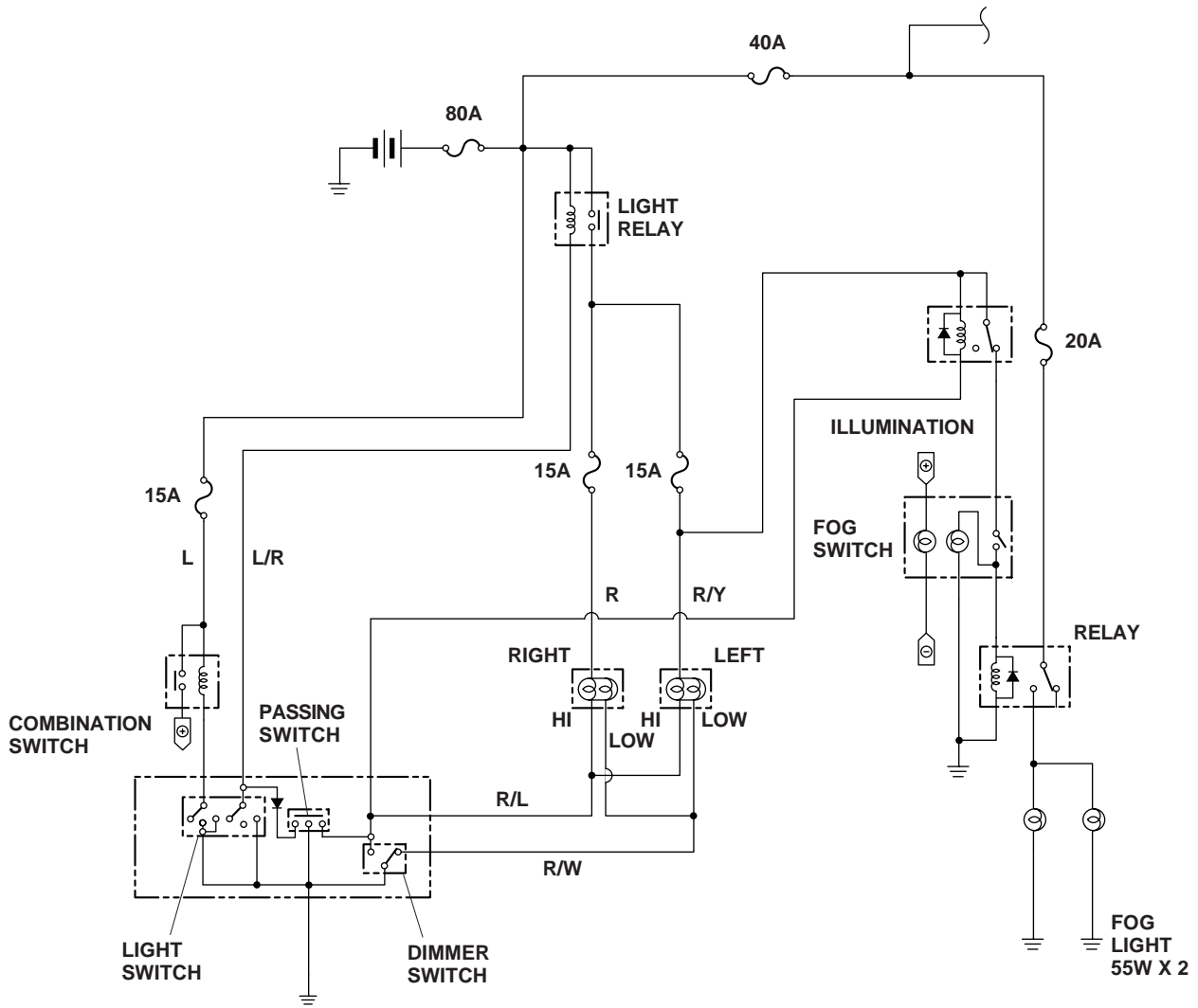


5. Reinstall the fog light, and reconnect the connector.

- Check that the wire harnesses are not pinched.
- Make sure you tighten the washer-screws securely.

6. Check the operation of the fog lights; adjust the aiming if necessary.

# CIRCUIT DIAGRAM



**LIGHT SWITCH**

OFF		
	Low	Hi

	FOG LIGHT SWITCH	OFF	—	—	—	—
		ON	—	—	ON	—

B	BLACK	BR	BROWN
Y	YELLOW	O	ORANGE
L	BLUE	SB	SKY BLUE
G	GREEN	LG	LIGHT GREEN
R	RED	P	PINK
W	WHITE	GR	GRAY