



INSTALLATION INSTRUCTIONS

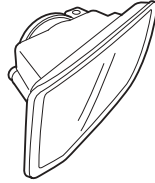
Accessory
FOG LIGHTS

Application
ODYSSEY

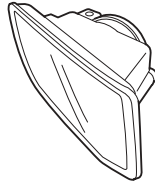
Publications No.
All 22889
Issue Date
AUG 2002

**Fog Light Kit
P/N 08V31-S0X-101**

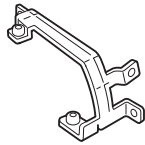
Right fog light



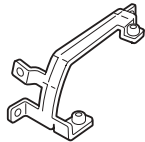
Left fog light



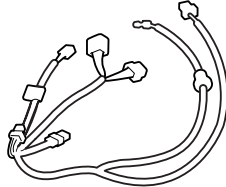
Right bracket



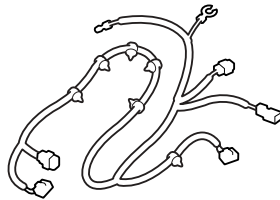
Left bracket



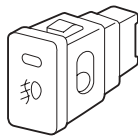
Harness A



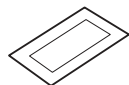
Harness B



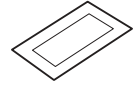
Switch



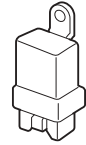
Fuse label (20A)



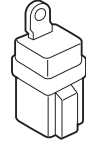
Fuse label (2A)



Relay B, 4-pin



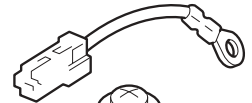
Relay A, 4-pin
(with rubber cover)



Battery terminal nut



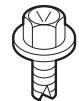
Fusible link



6 Washer-screws, 5 x 10 mm



Ground bolt



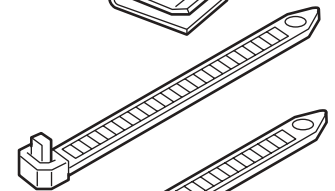
4 Special washer-screws



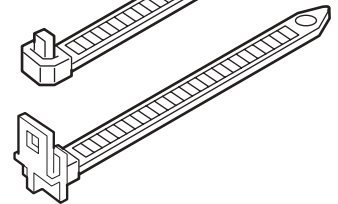
4 Spring nuts



14 Wire ties

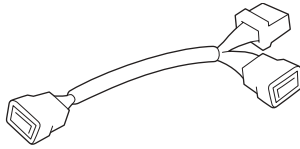


2 Wire ties with holder

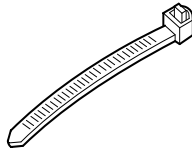


**Sub Harness Kit
P/N 08V31-S0X-1A**

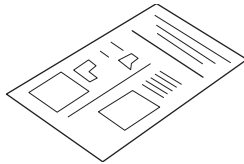
Sub harness



Wire tie



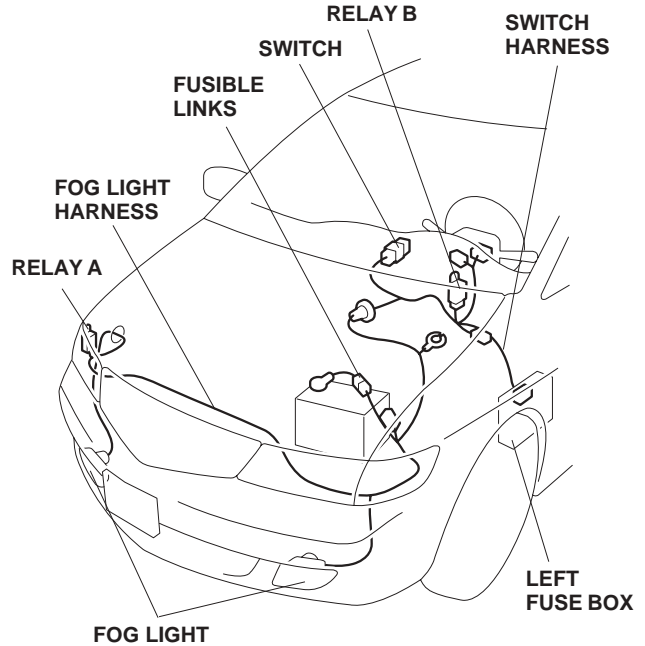
Installation instructions
(Supplement)



TOOLS AND SUPPLIES REQUIRED

- #2 Phillips screwdriver
- Stubby #2 Phillips screwdriver
- 10 mm Socket
- Ratchet
- Diagonal cutters
- 10 mm Combination wrench
- Drill
- 6 mm Drill bit
- Eye protection (face shield, safety goggles, etc.)
- Hacksaw blade
- File
- Masking tape
- Flat-tip screwdriver
- Felt-tip pen
- Piece of wire
- Silicone sealer

Illustration of the Fog Lights Installed on the Vehicle

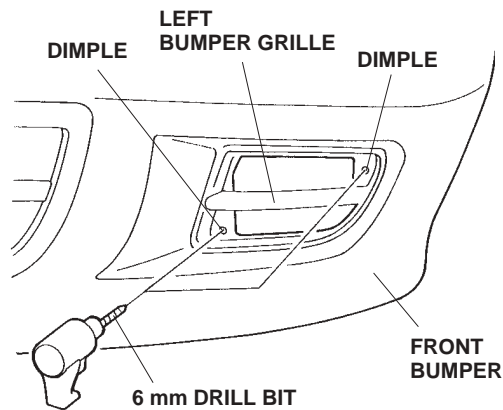


INSTALLATION

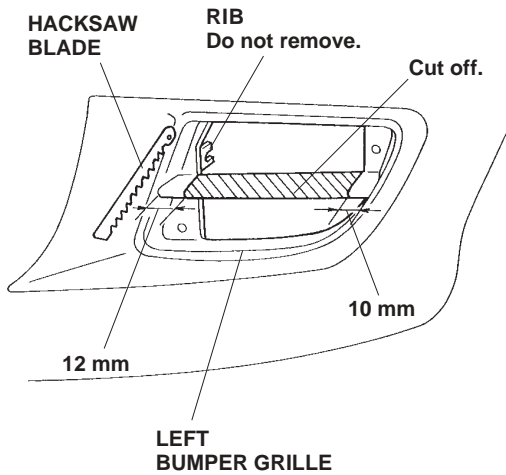
Customer information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your car. These procedures should not be attempted by "do-it-yourselfers."

Cutting the Front Bumper

1. If equipped, 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. Locate the two dimples on the left bumper grille. While wearing eye protection, drill a 6 mm hole through each dimple.



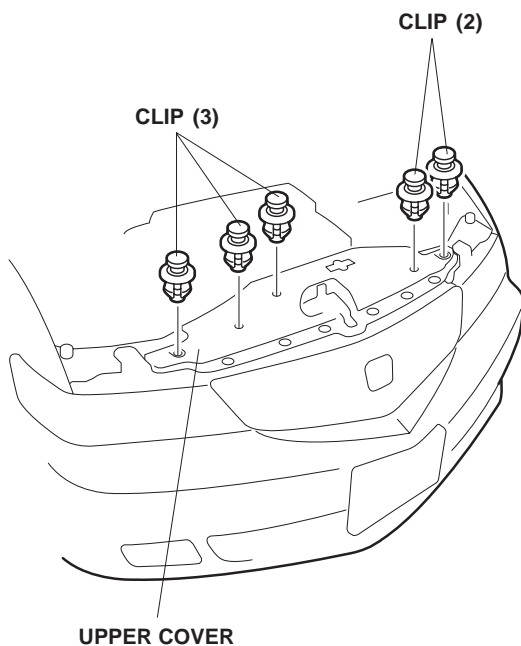
- Measure and mark the horizontal louver of the left bumper grille, and cut out the marked area with a hacksaw blade. Be careful not to cut off the rib on the back of the front bumper. File the edges smooth and flat.



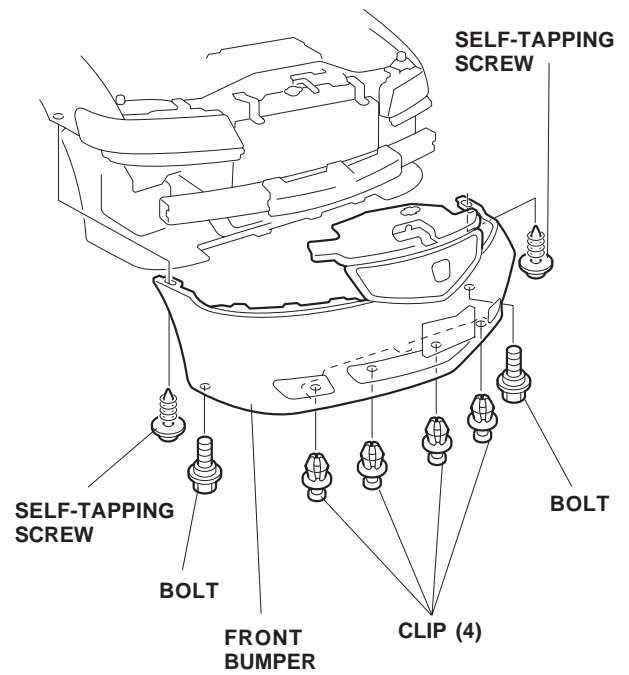
- Repeat steps 3 and 4 at the right side of the bumper.

Installing the Fog Lights

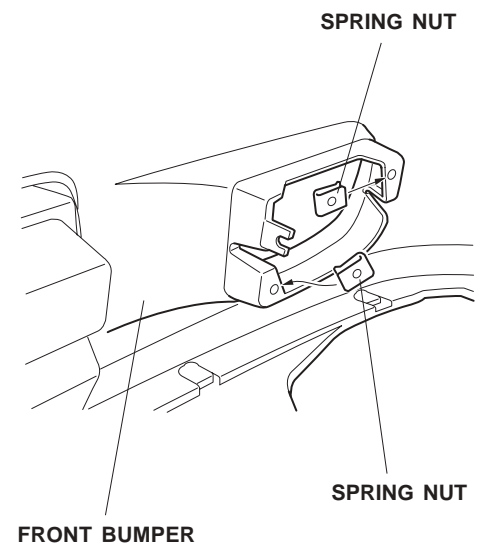
- Open the hood. Remove the five clips from the upper cover.



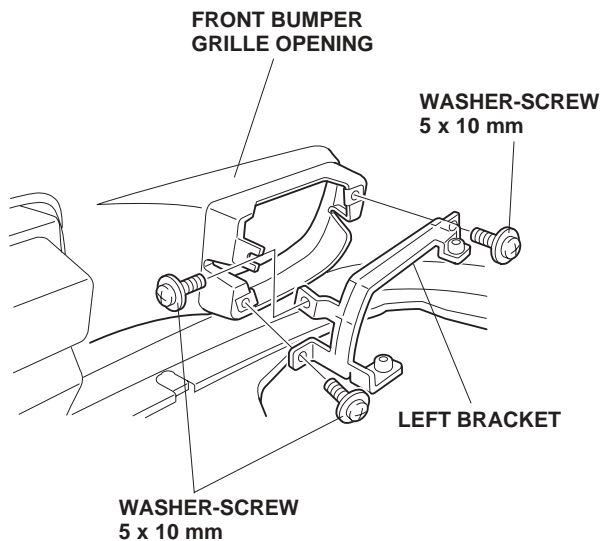
- Remove the front bumper (two self-tapping screws, two bolts, and four clips).



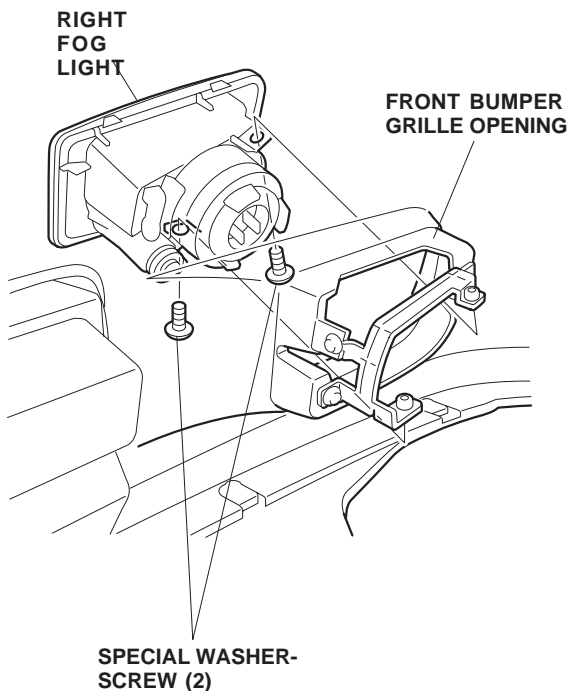
- Insert the two spring nuts into the front bumper.



- Position the right bracket on the front bumper grille opening, and install the three 5 x 10 mm washer-screws.



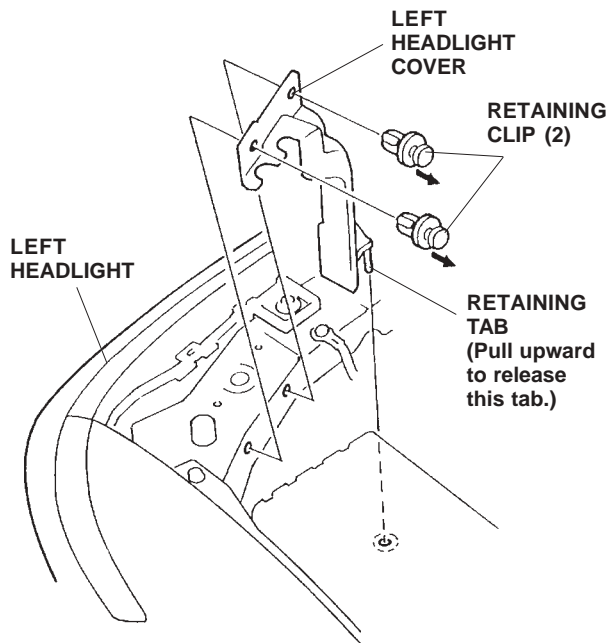
- Insert the right fog light into the front bumper grille opening, and install the two special washer-screws.



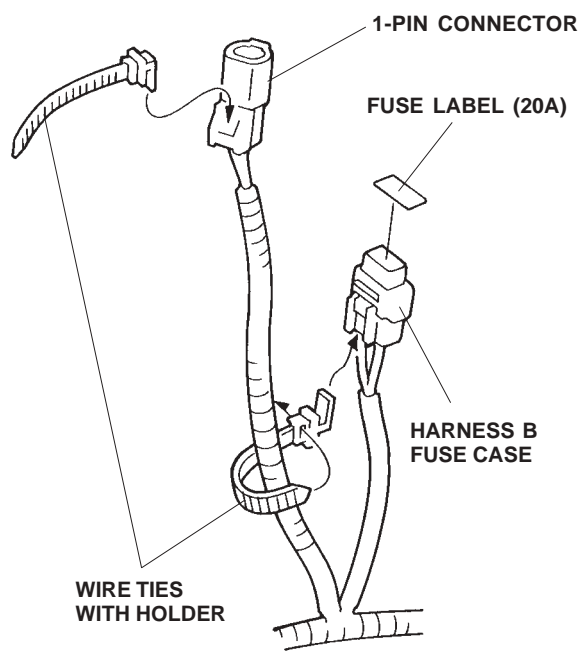
- Repeat steps 8 through 10 to install the left fog light.

Routing Harness B

- Behind the left headlight, remove the cover (two clips and the retaining tab).

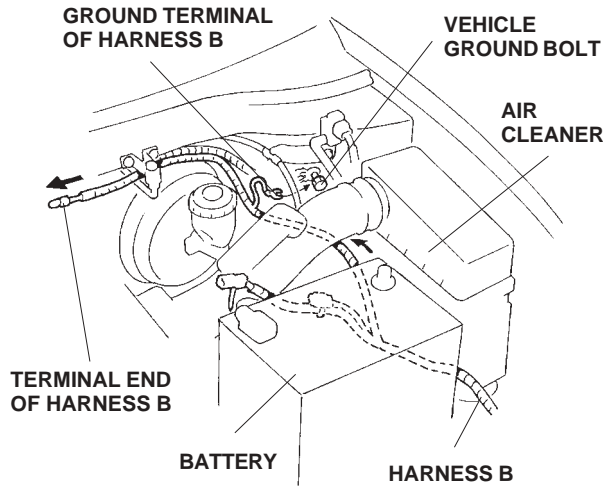


- Attach one wire tie with holder to the fuse case, and secure the fuse case to harness B with the wire tie. Attach the other wire tie with holder to the 1-pin connector of harness B.

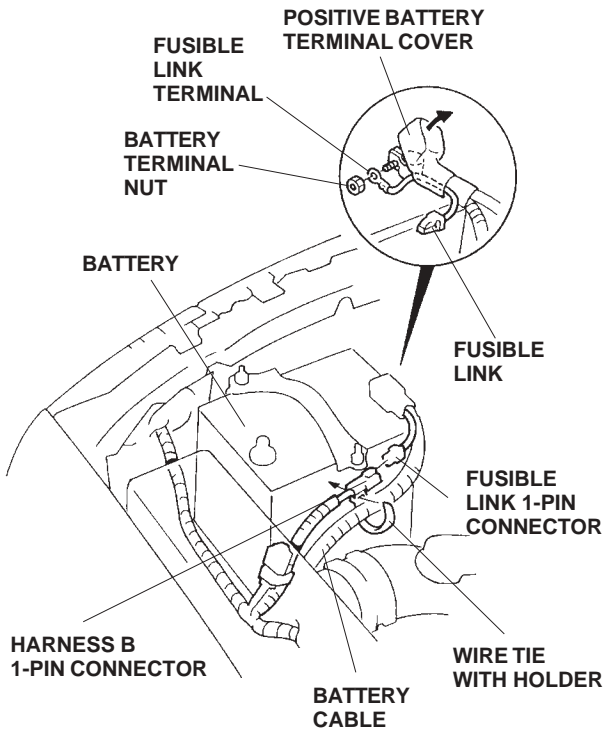


- Attach the 20A fuse label to the fuse case.

15. Inside the engine compartment, route the terminal end of harness B alongside the vehicle harness on the left side between the battery and the air cleaner.

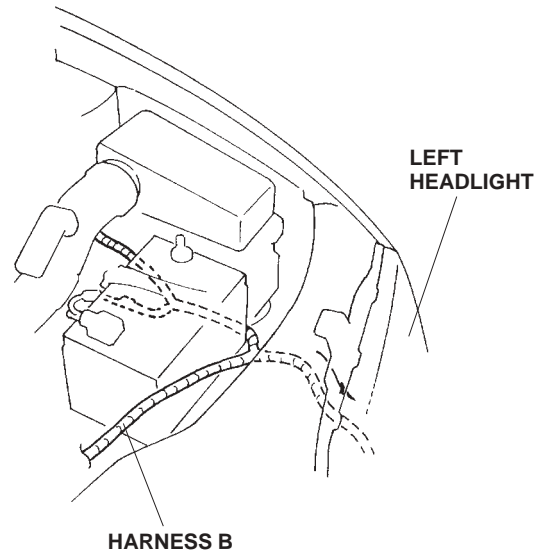


16. Loosen the ground bolt, and attach the ground terminal of harness B with this ground bolt.
17. Attach the terminal of the fusible link to the positive battery terminal with the battery terminal nut. Plug the 1-pin connector of the fusible link into the 1-pin connector of harness B.

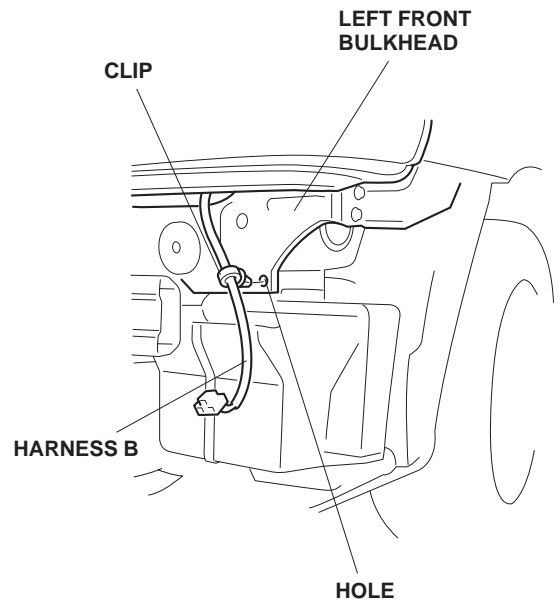


18. Secure the 1-pin connector of harness B to the battery cable with the wire tie with the holder you installed in step 13.

19. Route the 2-pin connector of harness B (short harness) down behind the left headlight.

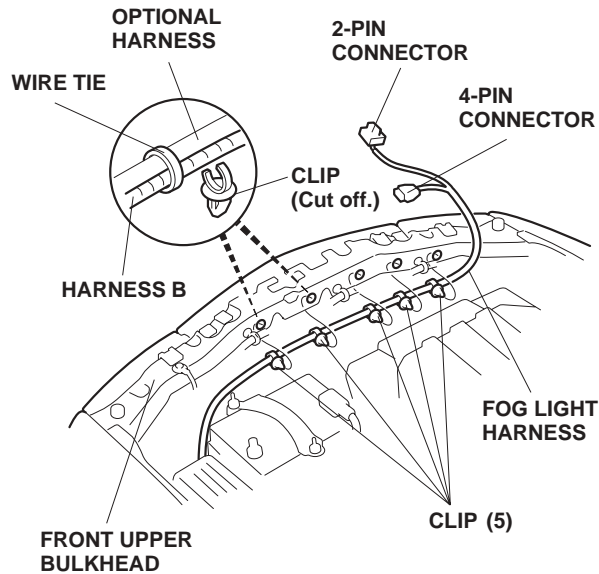


20. Continue routing the 2-pin connector of harness B as shown, then push the clip on harness B into the hole in the left front bulkhead.

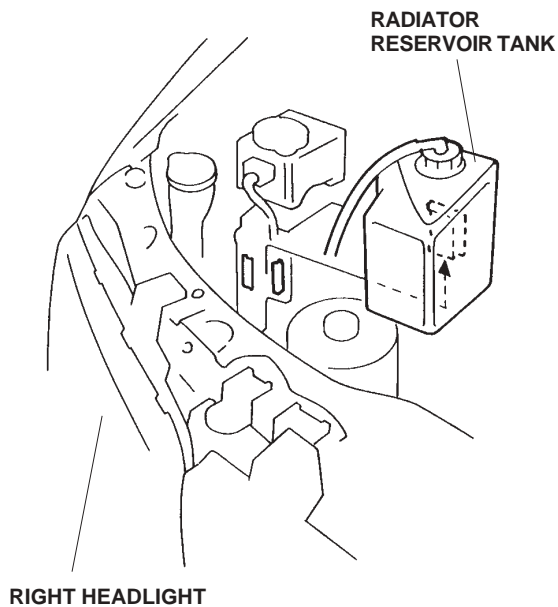


- Route the other 2-pin connector of harness B under the inside of the upper bulkhead, and secure it to the upper bulkhead by pushing the five clips into the holes in the bulkhead.

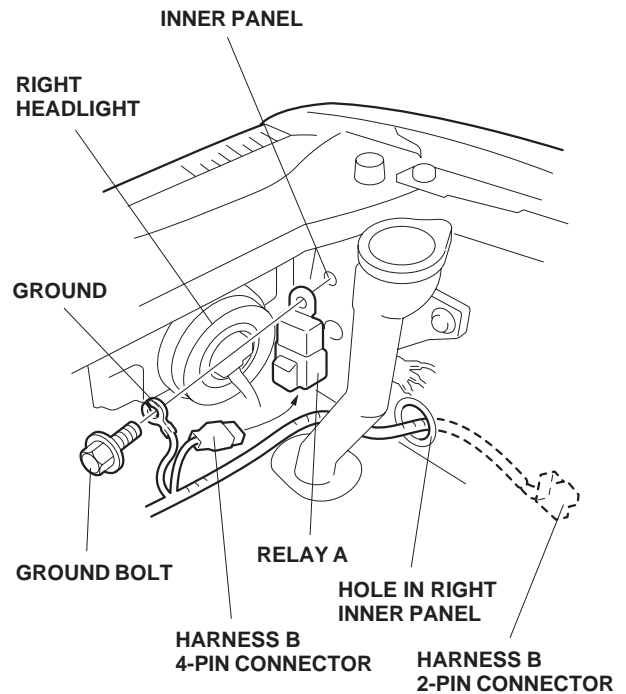
If equipped with an optional hood switch or optional harness, secure harness B to the optional harness with one wire tie inside the upper bulkhead, and cut off the clip from harness B.



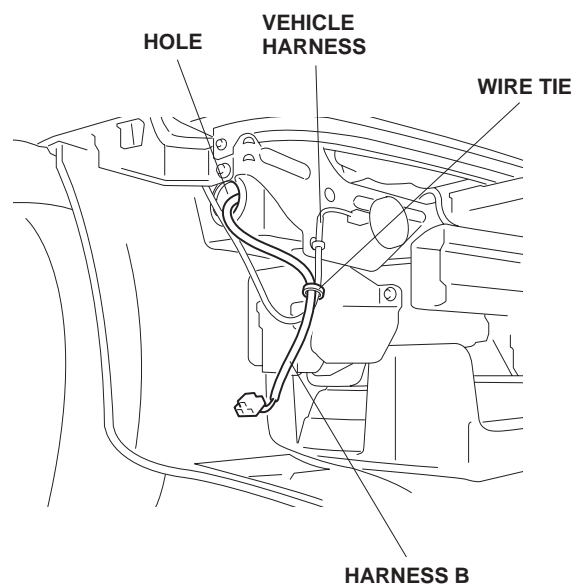
- Behind the right headlight, remove the radiator reservoir tank from the bracket by pulling it upward and moving it out of the way.



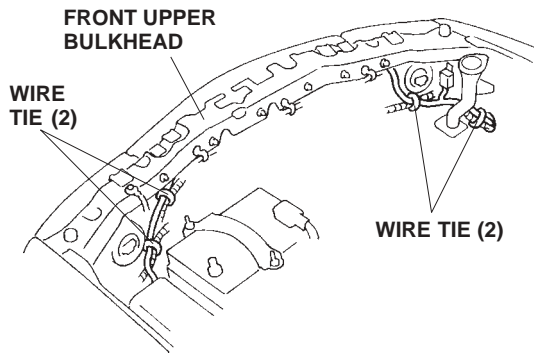
- Plug the 4-pin connector of harness B into relay A. Attach relay A and ground to the inner panel behind the right headlight with the ground bolt.



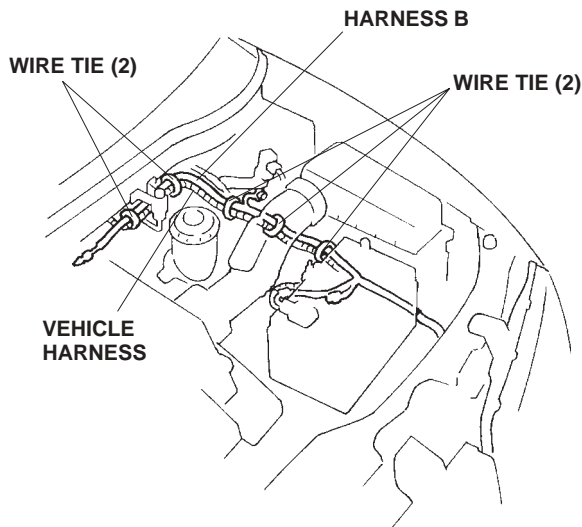
- Route the 2-pin connector of harness B out through the hole in the right inner fender.
- Route the 2-pin connector of harness B out through the inner fender hole, then secure it to the vehicle harness with one wire tie as shown.



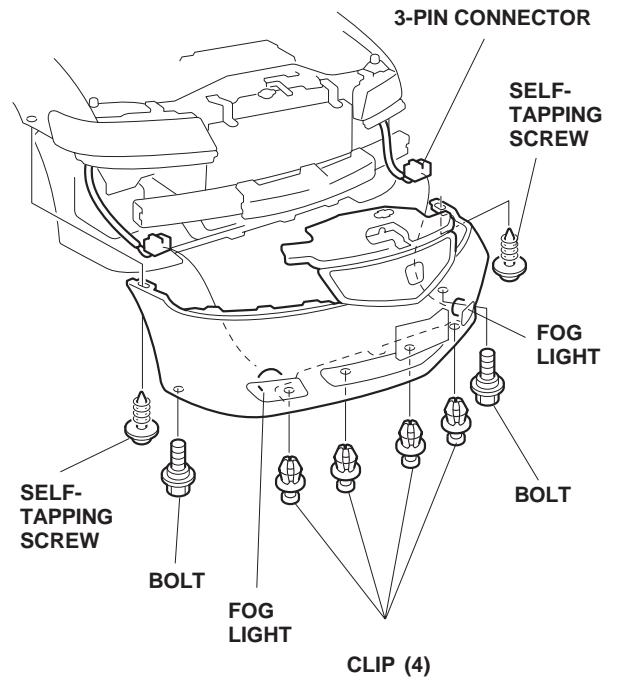
26. Secure harness B to the vehicle harness with four wire ties in the areas shown.



27. Secure harness B to the vehicle harness with five wire ties in the areas shown.



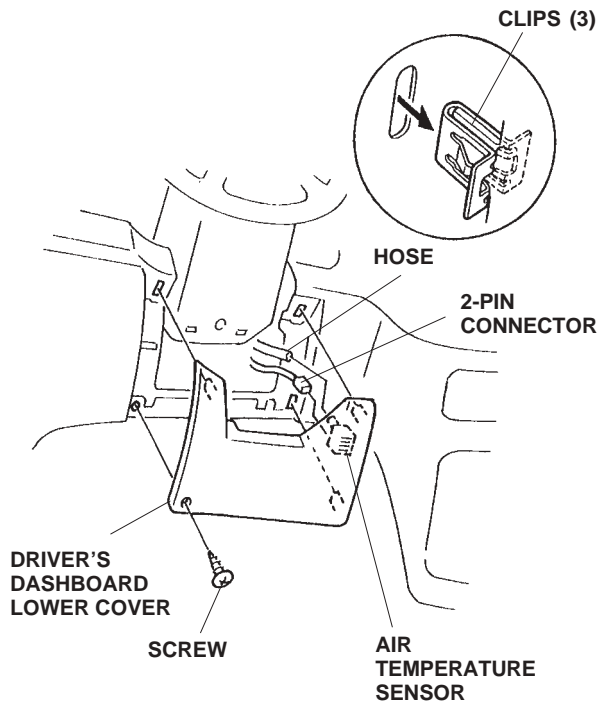
28. Plug the two 3-pin connectors of harness B into the fog light connector.



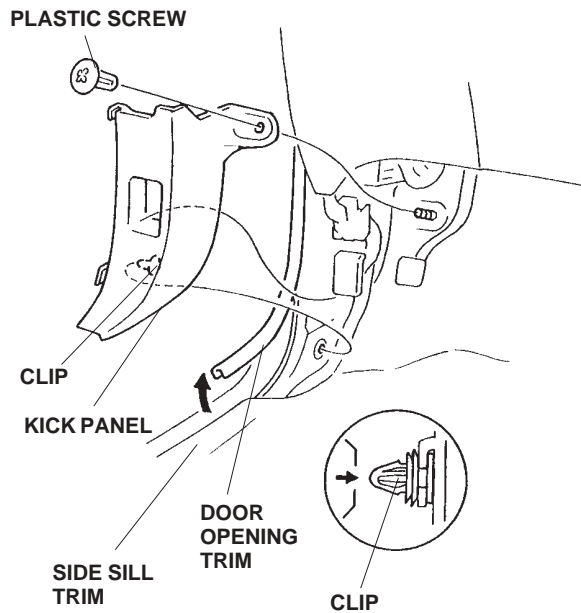
29. Reinstall the front bumper (two self-tapping screws, two bolts and four clips).

Routing Harness A

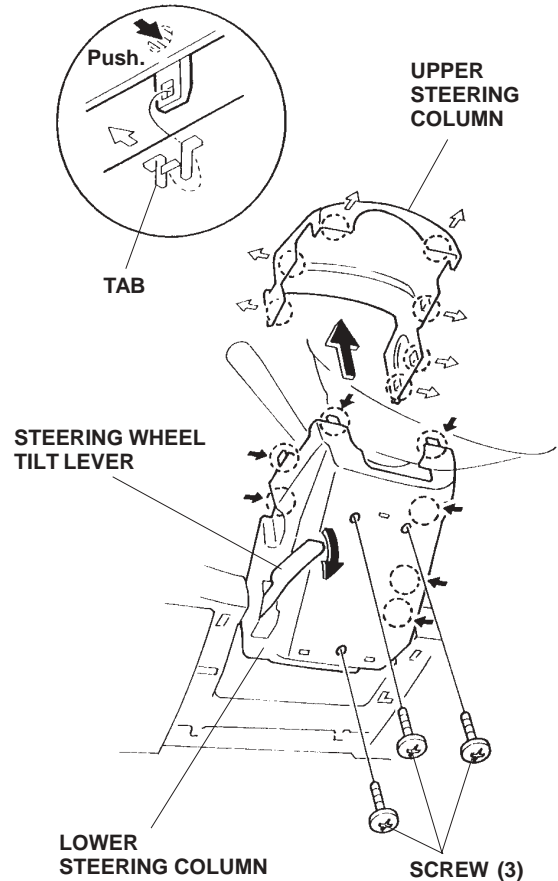
30. Remove the driver's dashboard lower cover (one screw and three retaining clips). On the EX model, disconnect the 2-pin connector and the air temperature sensor hose.



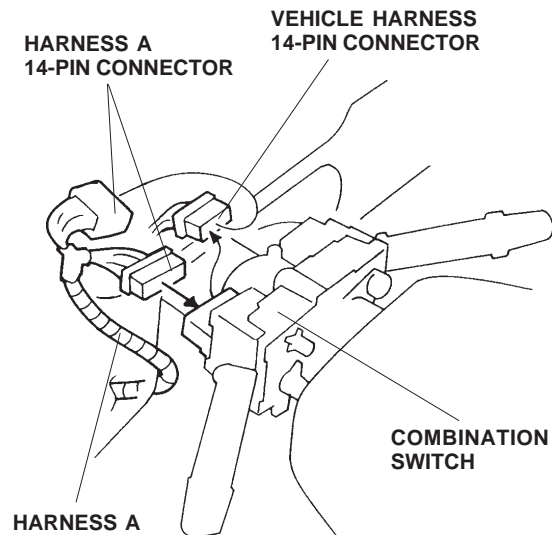
31. Pull up the door opening trim, and unscrew the plastic screw that secures the kick panel. Remove the kick panel by pulling it out toward you.



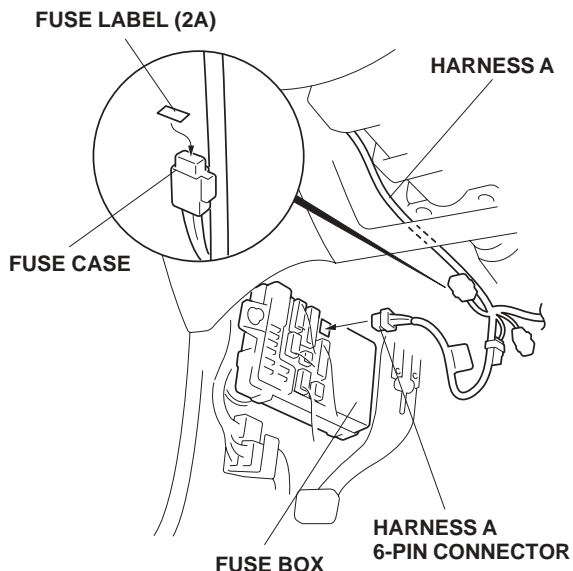
32. Lower the steering wheel tilt lever. Remove the upper and lower steering column covers (three screws and seven clips). Gently push on the seven retaining tabs, and separate the two steering column covers. Take care not to damage the clips.



33. Unplug the vehicle harness 14-pin connector from the light switch. Route harness A down through the left side of the steering shaft, and connect the 14-pin connectors from harness A in between.

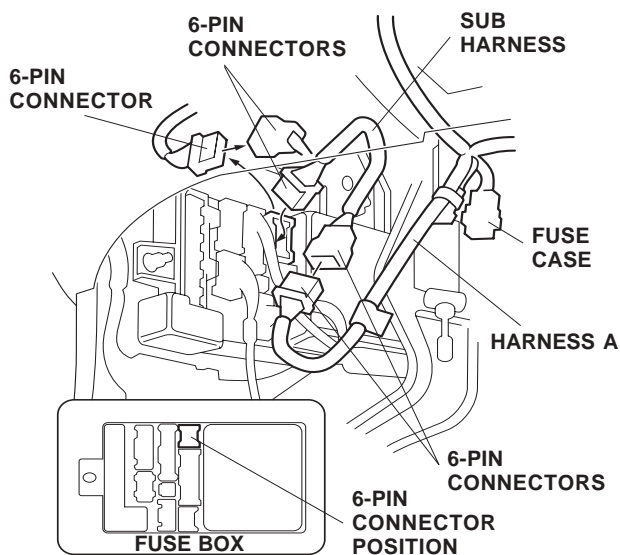


34. *Without heated seats:* Plug the 6-pin connector of harness A into the 6-pin connector of the driver's side fuse box. Attach the 2A fuse label to the fuse case.

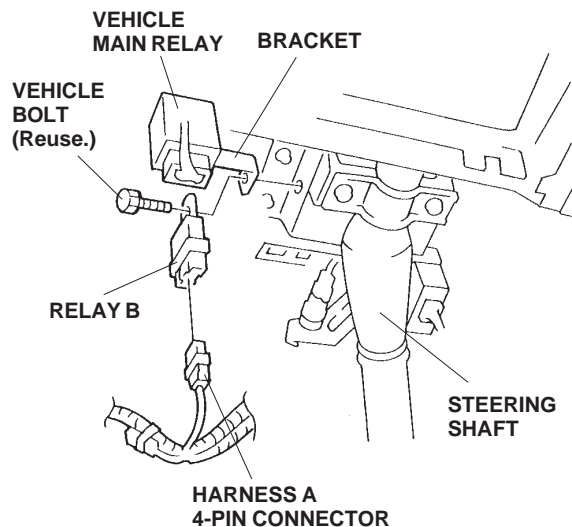


35. *With heated seats:* Plug the 6-pin connector of harness A into the 6-pin connector of the driver's side fuse box. Attach the 2A fuse label to the fuse case.

- When the 6-pin connector of another harness is already connected fuse box, disconnect the 6-pin connector from the fuse box and install sub harness P/N 08V31-S0X-100A between as shown.

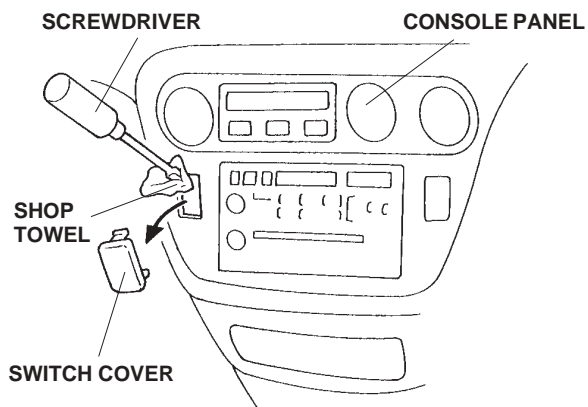


36. Remove the bolt fastening the vehicle main relay bracket to the left of the steering shaft, and attach relay B with this bolt.

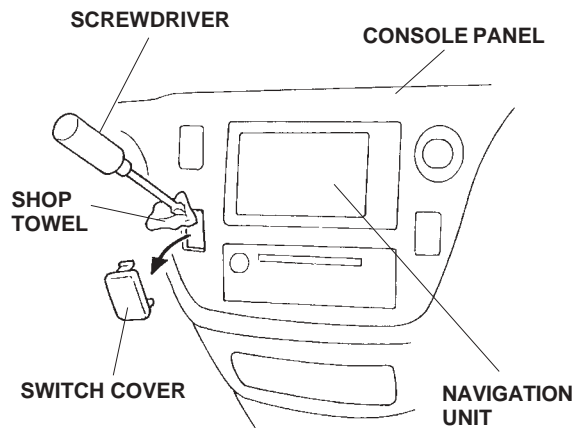


37. Plug the 4-pin connector of harness A into relay B.
38. Using a shop towel around the end of a flat-tip screwdriver, remove and discard the left switch cover from the console panel.

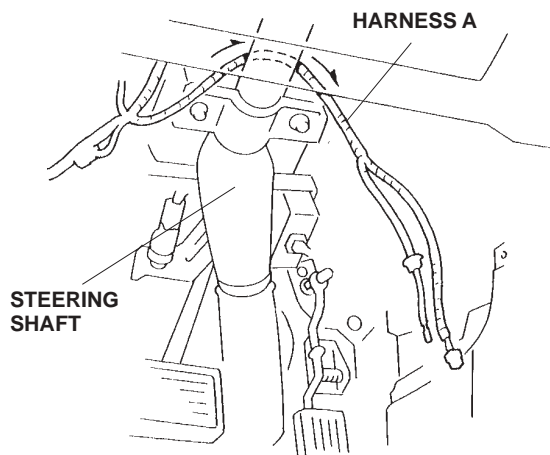
Without Navigation Unit:



With Navigation Unit:

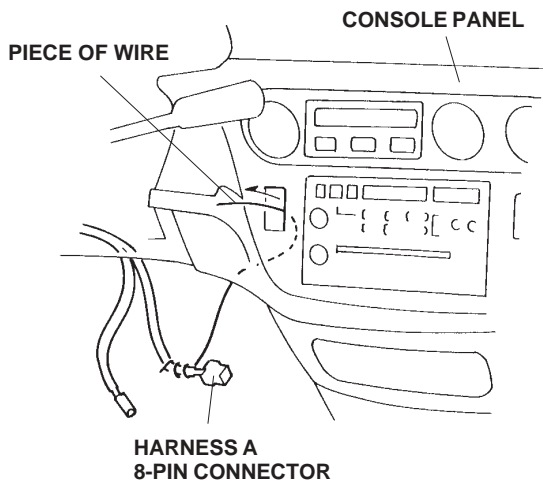


39. Route harness A over the steering shaft toward the hole in the console panel alongside the vehicle harness.

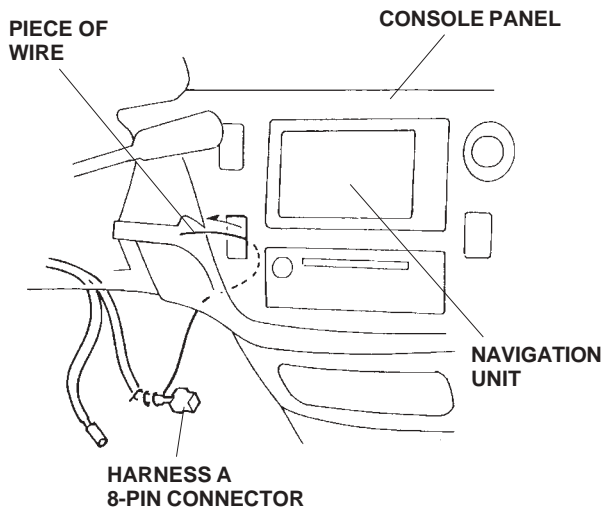


40. Route the 8-pin connector of harness A out through the rectangular hole in the console panel. If necessary, attach a piece of wire to the 8-pin connector.

Without Navigation Unit:

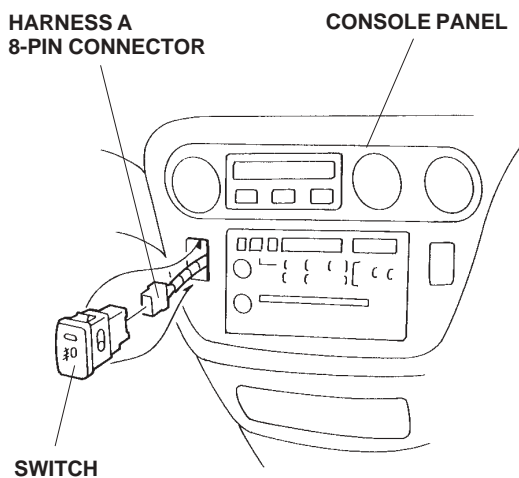


With Navigation Unit:

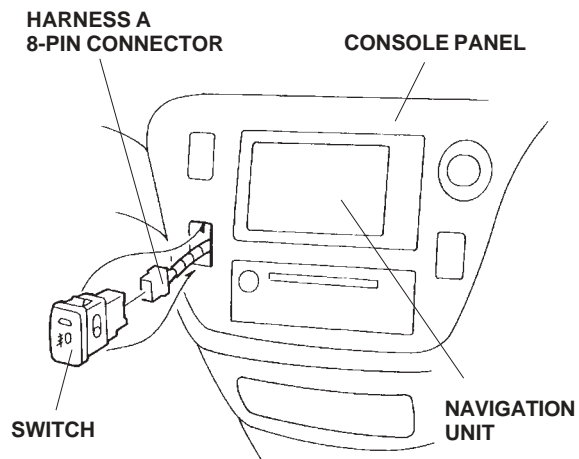


41. Plug the 8-pin connector of harness A into the switch, then install the switch in the hole in the console panel.

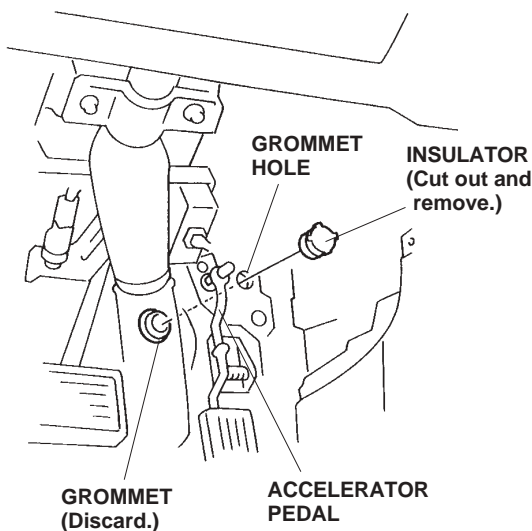
Without Navigation Unit:



With Navigation Unit:

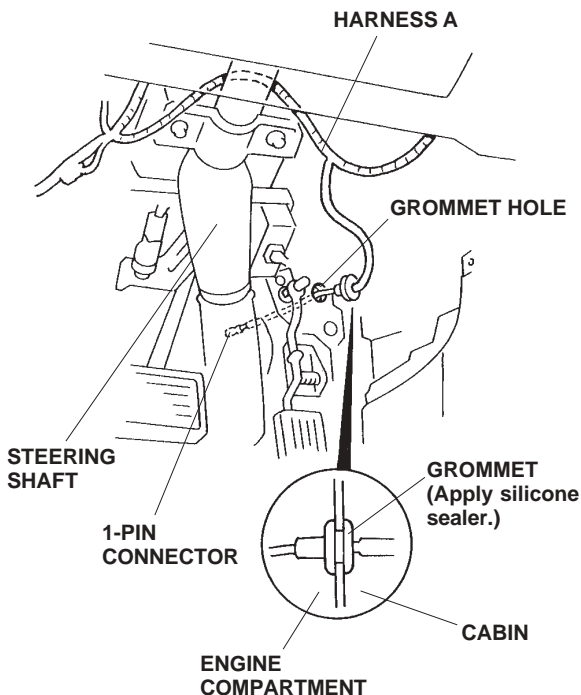


- Above and to the right of the accelerator pedal, cut out and remove the insulator, then push the grommet concealed under the insulator out into the engine compartment.

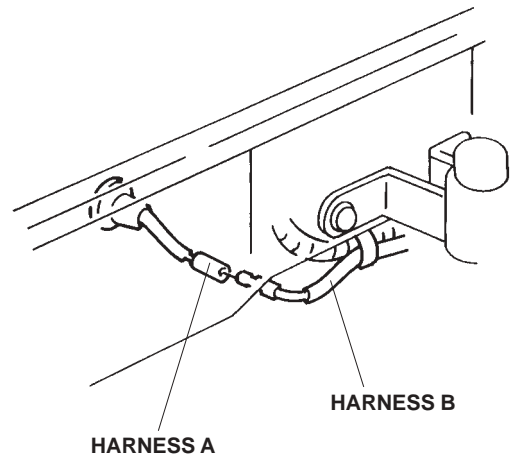


If the vehicle you're working on is equipped with an optional hood switch, go to step 45; otherwise continue with step 43.

- Route the 1-pin connector of harness A out into the engine compartment through the grommet hole. Apply a small amount of silicone sealer to the grommet, and seat the grommet on harness A in the grommet hole properly to prevent water leaks.

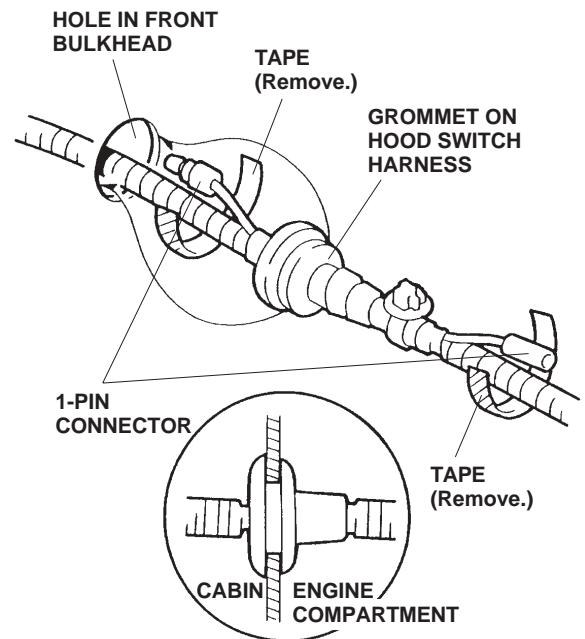


- Inside the engine compartment, plug the 1-pin connector from harness A into the 1-pin connector of harness B.

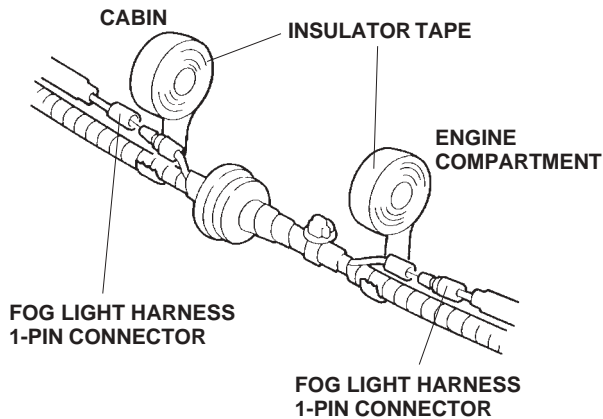


If the vehicle you're working on is not equipped with an optional hood switch, go to step 47; otherwise, continue with step 45.

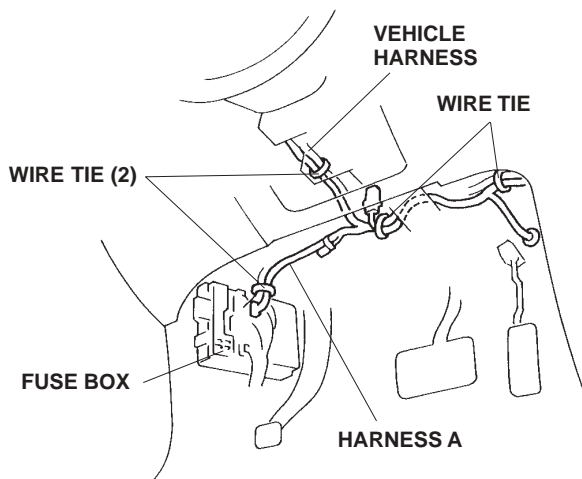
- Locate the two 1-pin connectors taped to the hood switch harness near the grommet. Remove the tape to free the 1-pin connectors.



46. Plug the 1-pin connectors from the fog light harness in between the 1-pin connectors you freed on the hood switch harness. Wrap electrical tape around each of the 1-pin connectors to secure them to the harness. (One connector is inside the cabin, and the other is inside the engine compartment.)

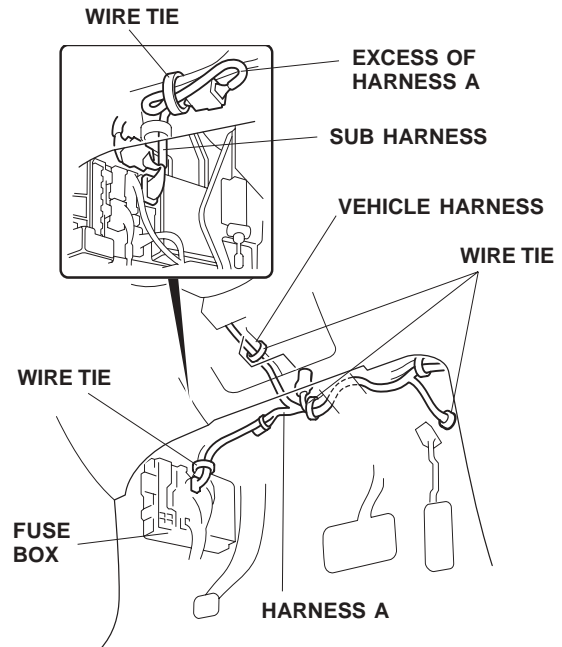


47. *Without heated seats:* Secure harness A to the vehicle harness with four wire ties in the area shown.



48. *With heated seats:* Secure harness A to the vehicle harness with four wire ties in the area shown.

- When the sub harness is used, make loops in the harness A and secure it to the vehicle harness as shown:



49. Check that all wire harnesses are routed properly and all connectors are plugged in.

50. Reinstall all removed parts.

51. Reconnect the negative cable to the battery.

52. Enter the customer's radio anti-theft code, and reset the radio station presets.

53. Reset the clock.

54. Do the PCM idle learn procedure.

- Mark sure all electrical items are turned off.
- Start the engine . Hold the engine speed at 3,000 rpm with no load (in Park or Neutral) until the radiator fan comes on.
- Let the engine idle for about 5 minutes with the throttle fully closed and with all electrical items off.

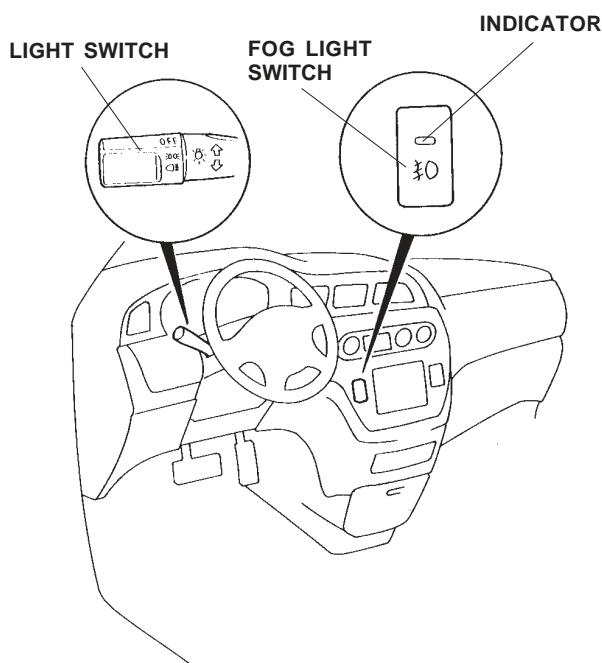
NOTE: If the radiator fan comes on during this step, the time it is operating must not be included the 5 minutes.

USE AND CARE

How to Operate Fog Lights

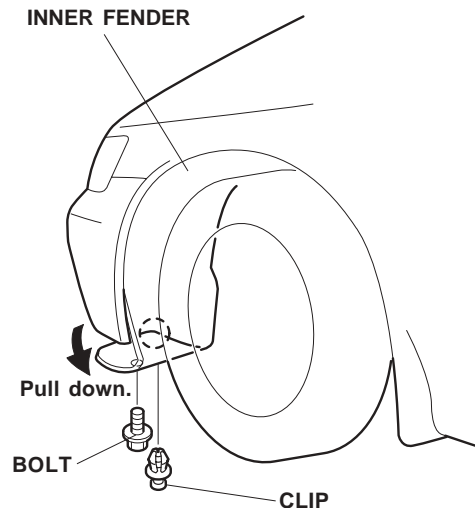
1. Turn the light switch to the "on" position (headlights on low beam).
2. Press the fog light switch (indicator comes on).
3. If the fog lights don't come on, check the fuse and all the connectors, including the ground cable and the fusible link.

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

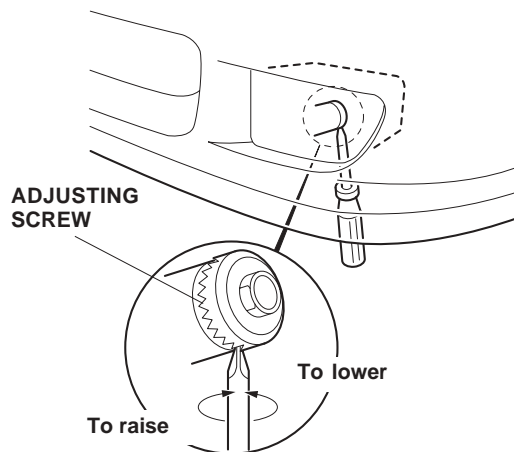


Adjusting the Fog Light Aiming

1. Remove the bolt and clip, and pull down the inner fender.



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

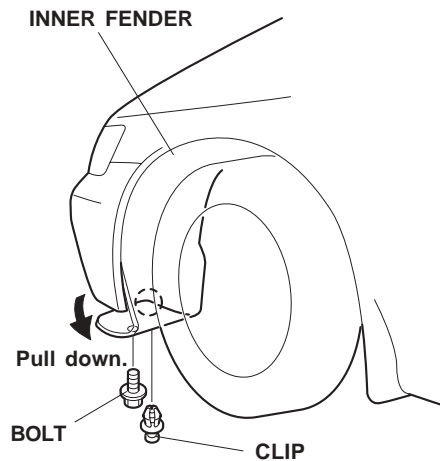


3. Reinstall the inner fender with the bolt and clip.

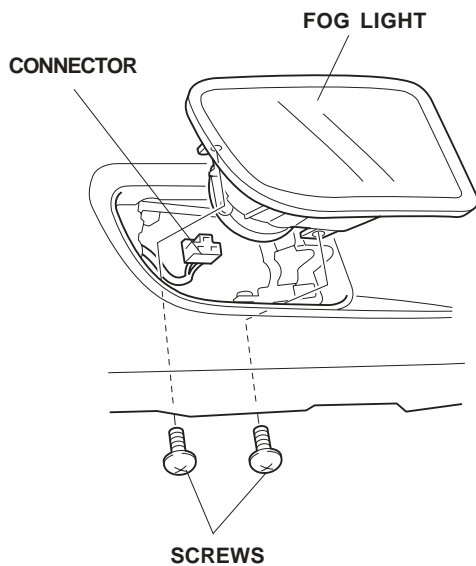
Replacing the Bulb

NOTE:

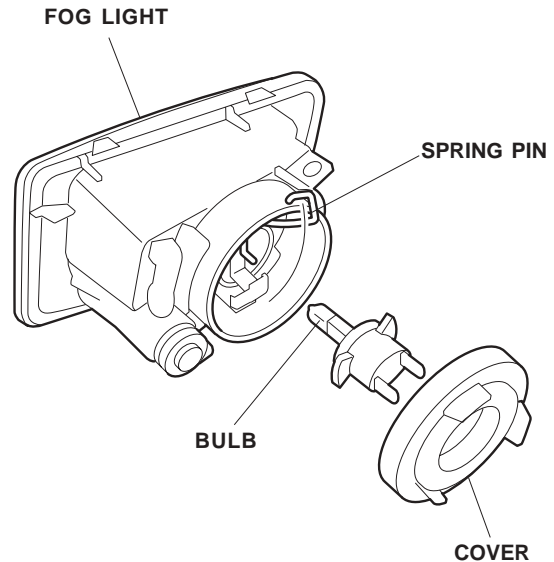
- Use only a Genuine Honda halogen light bulb of specified wattage.
 - Do not touch the bulb. Oily or greasy substances on the bulb can shorten its service life due to the heat produced when the bulb is turned on. If the bulb is accidentally touched, wipe it clean with a clean, soft cloth that has been 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 properly, the fog lights may annoy the on-coming drivers.
1. Remove the bolt and clip, and pull down the inner fender.



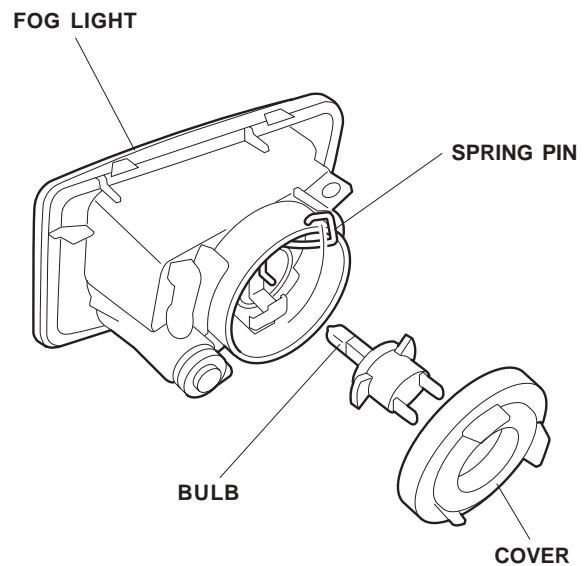
2. Unplug the connector from the fog light.
3. Remove the two screws that fasten the fog light, and pull the light out toward you.



4. Release the spring pin from the cover. Pull out the cover from the fog light, and remove the bulb from the cover.



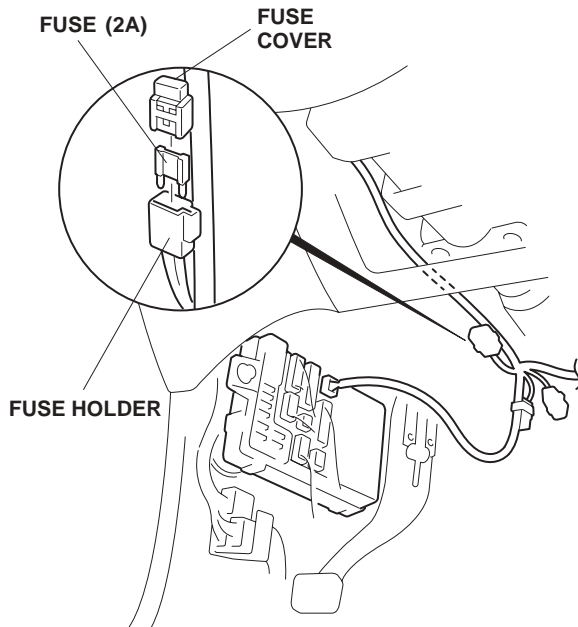
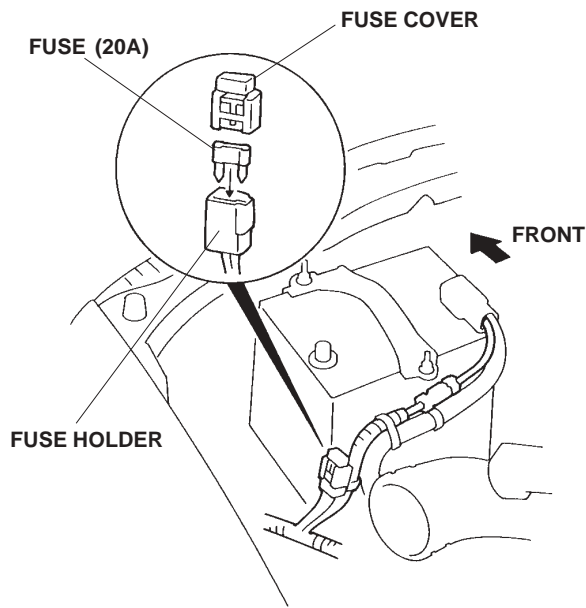
5. Attach the new bulb on the cover.
6. Reinstall the cover, and lock the cover with the spring pin.



7. Reinstall the fog light, and reconnect the connector.
8. Check the operation of the fog lights; adjust the aiming if necessary.

Replacing the Fuse

To replace the fuse, remove the cover from the fuse holder taped to the fog light harness, install a new fuse, and reinstall the cover.

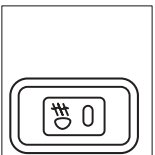
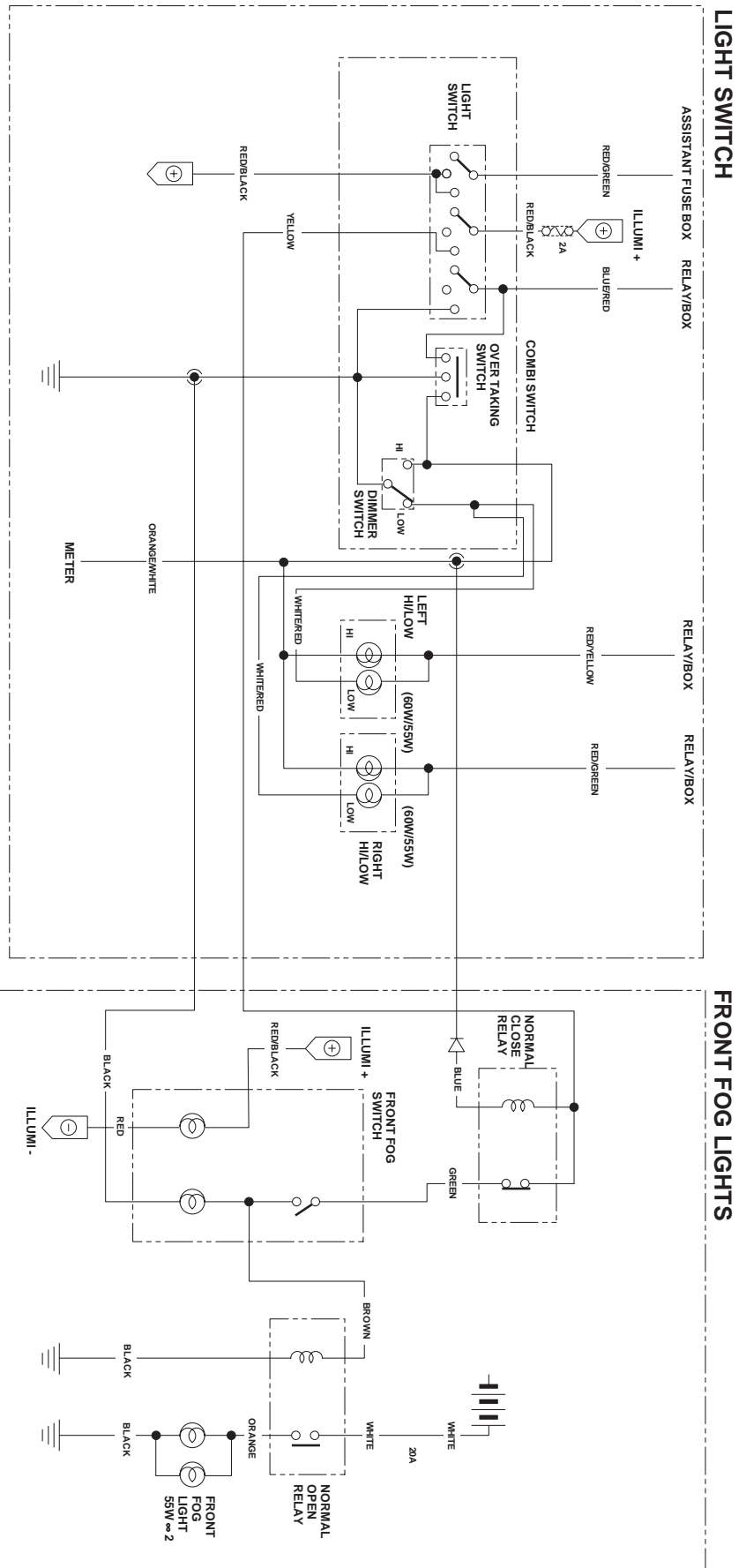


SPECIFICATIONS

Bulb: 12V-55 W

Fuses: 20A and 2A

Circuit Diagram Without Auto Lights



		LIGHT SWITCH	
		OFF	LOW
FOG LIGHT SWITCH	ON	OFF	ON
	ON	OFF	ON

