

INSTALLATION INSTRUCTIONS

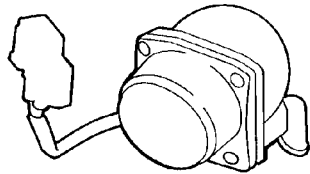
Accessory
FOG LIGHTS
P/N 08V31-S0X-100

Application
1999-2001 ODYSSEY

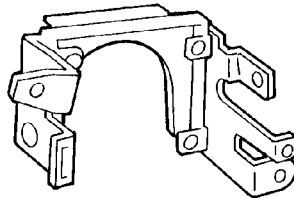
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Issue Date
AUG 1999

PARTS LIST

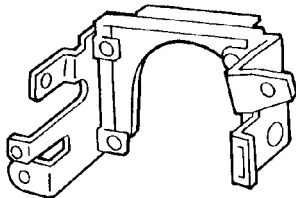
2 Fog lights



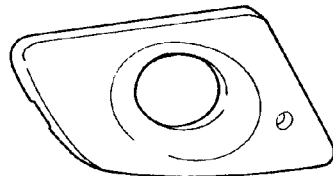
Right bracket



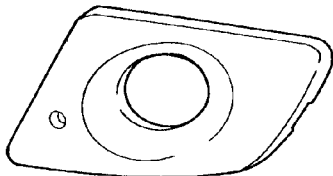
Left bracket



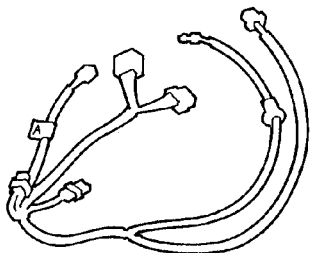
Fog light trim (R)



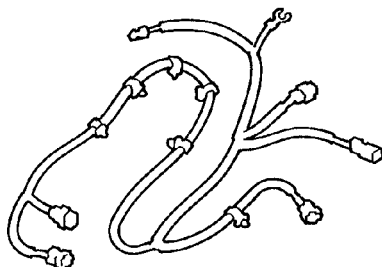
Fog light trim (L)



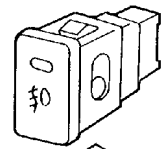
Harness A



Harness B



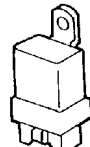
Switch



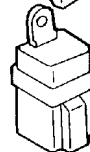
Fuse label



Relay B, 4-pin



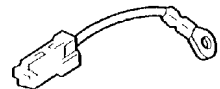
Relay A, 4-pin
(with rubber cover)



Battery terminal nut



Fusible link



Washer-bolt, 6 x 12 mm



6 Washer-screws, 5 x 16 mm



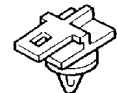
6 Special screws, 5 x 20 mm



2 Washer-screws, 4 x 12 mm



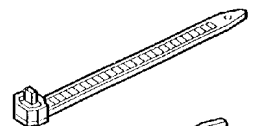
2 Connector clips



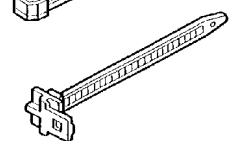
6 Spring nuts



14 Wire ties



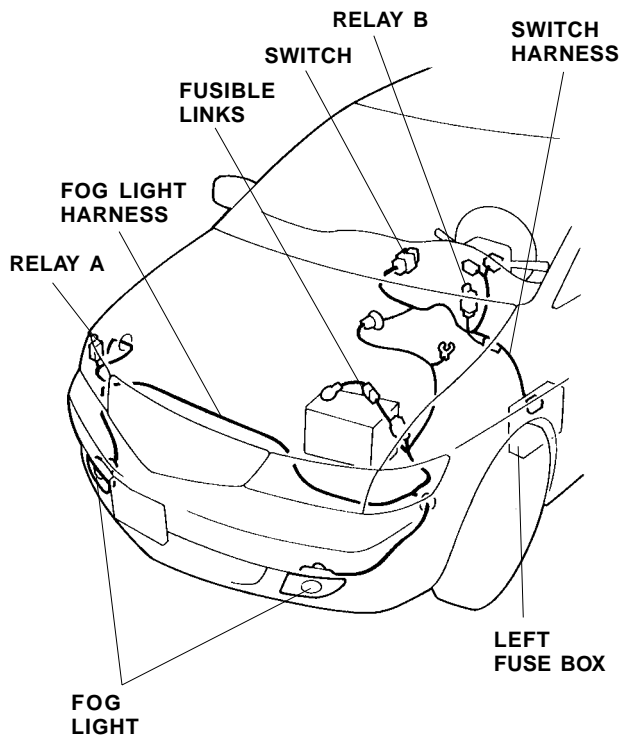
2 Wire ties with holder



TOOLS AND SUPPLIES REQUIRED

#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
Stubby #2 Phillips screwdriver
Felt-tip pen
Piece of wire
Silicone sealer

Illustration of the Fog Lights Installed on the Vehicle

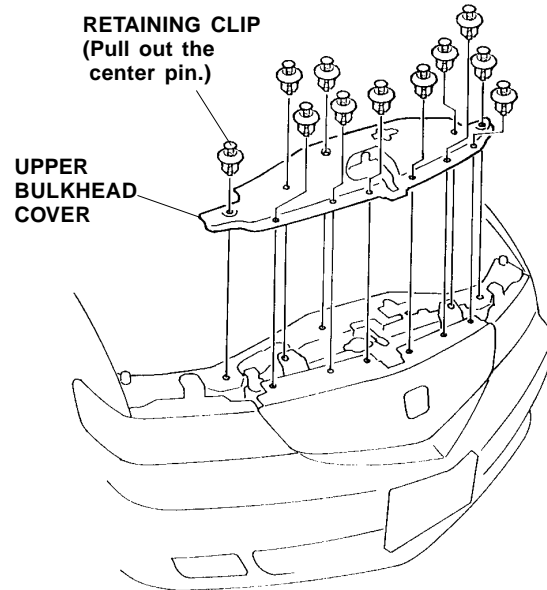


INSTALLATION

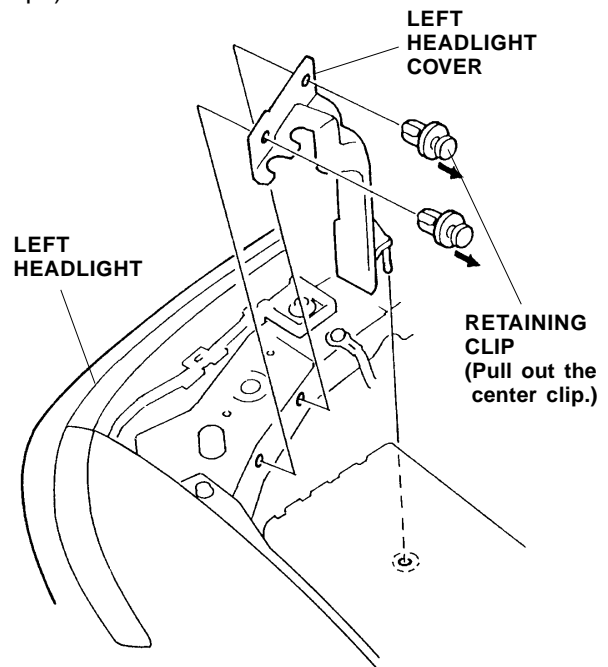
Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

Cutting the Front Bumper

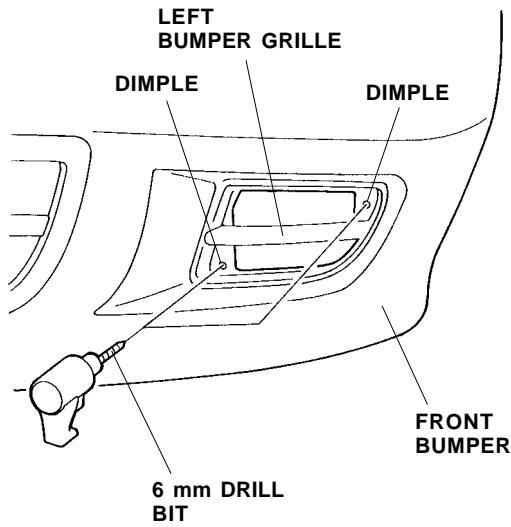
1. If equipped, make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Open the hood, and disconnect the negative cable from the battery.
3. Remove the upper cover (eleven clips).



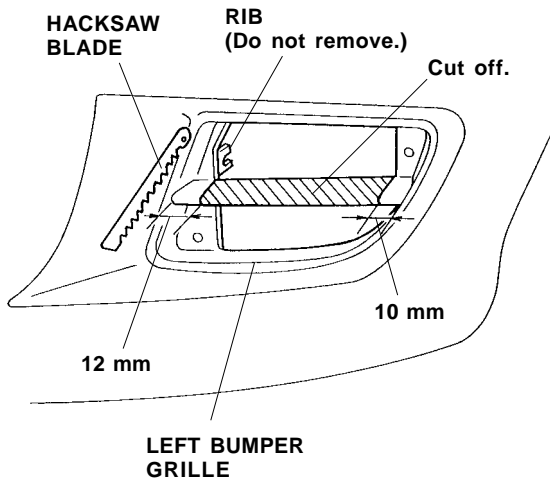
4. Behind the left headlight, remove the cover (two clips).



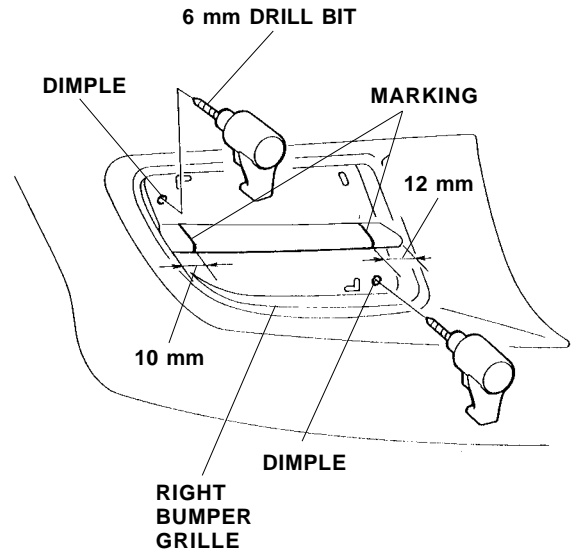
5. Locate the two dimples on the left bumper grille. While wearing eye protection, drill a 6 mm hole through each dimple.



6. 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.

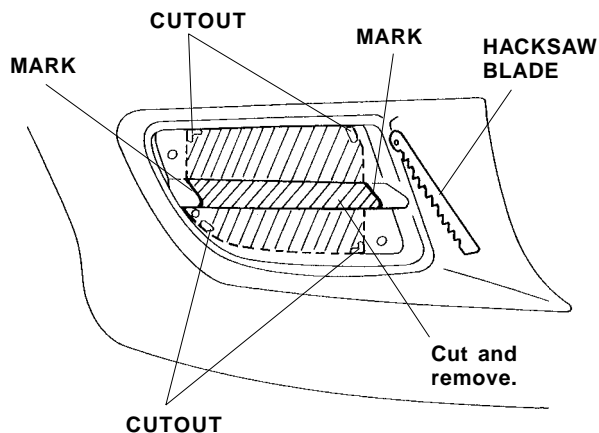


7. Locate the two dimples on the right bumper grille. While wearing eye protection, drill a 6 mm hole through each dimple.

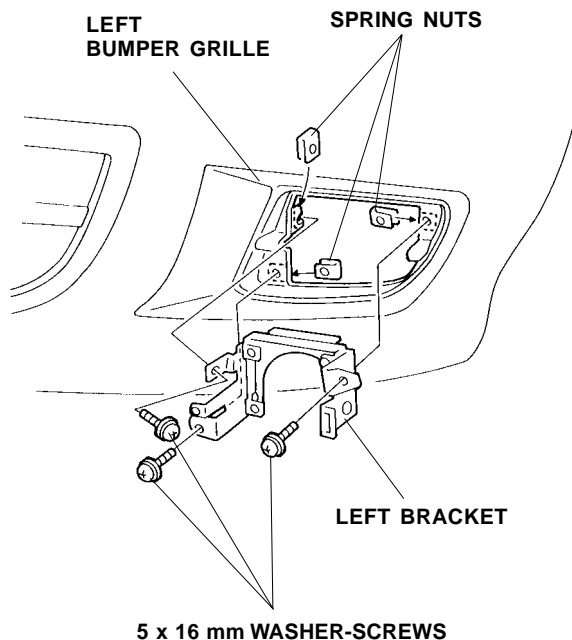


8. Measure and mark the horizontal louver of the right bumper grille.

9. Locate the four cutouts in the right bumper grille. Draw lines from cutout to cutout.



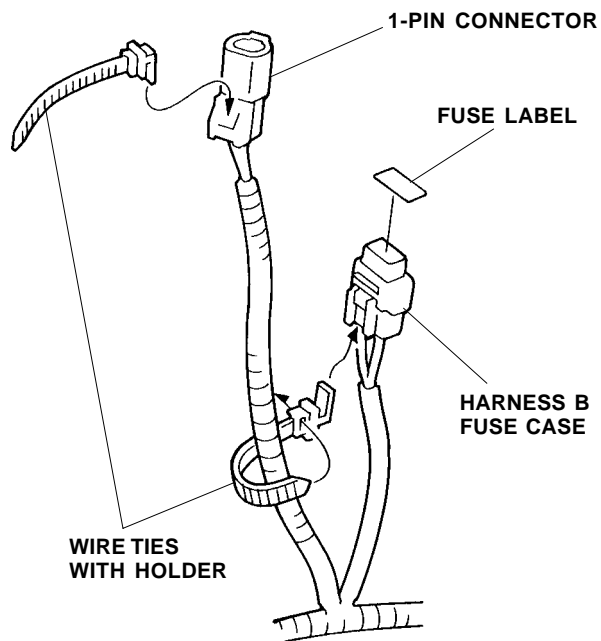
10. Using a hacksaw blade, cut out the marked area from the right bumper grille. Be careful not to cut off the rib on the back of the front bumper. File the edges smooth and flat.
11. Slide three spring nuts onto the left bumper grille, position the left bracket on the spring nuts, and install three 5 x 16 mm washer-screws.



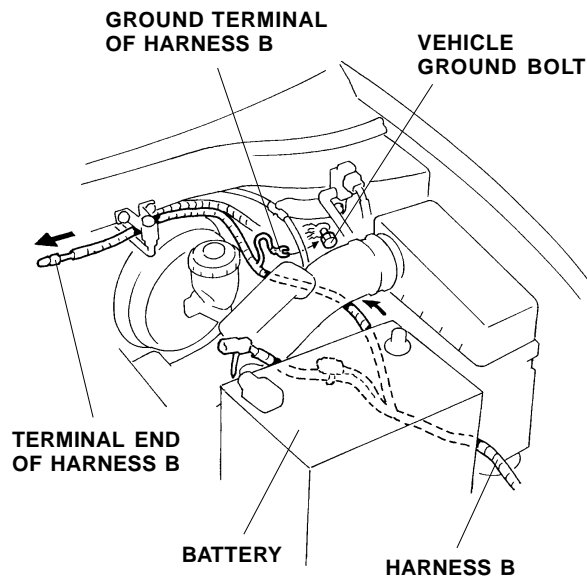
12. Slide three spring nuts onto the right bumper grille, position the right bracket on the spring nuts, and install three 5 x 16 mm washer-screws.

Routing Harness B

13. 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.

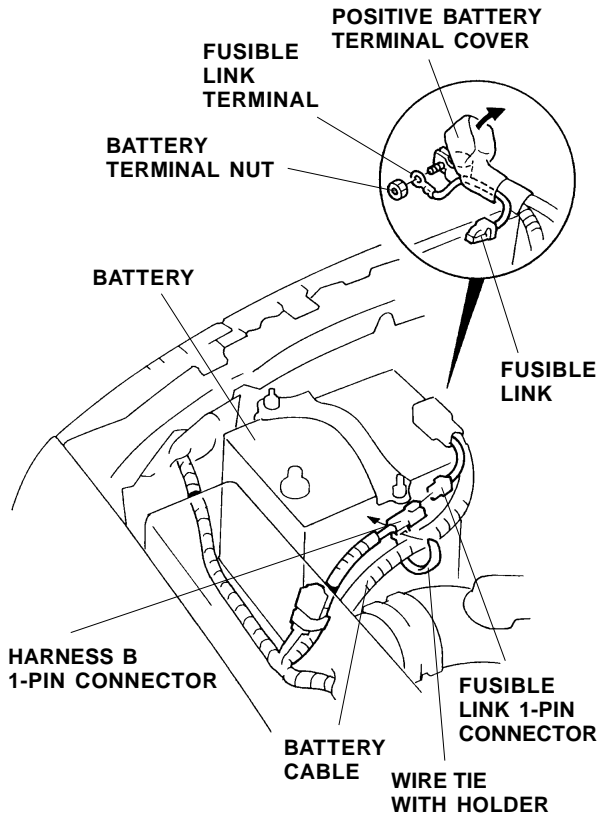


14. Attach the fuse label to the fuse case.
15. Inside the engine compartment, route the terminal end of harness B alongside the vehicle harness on the left side between the battery and the air box.

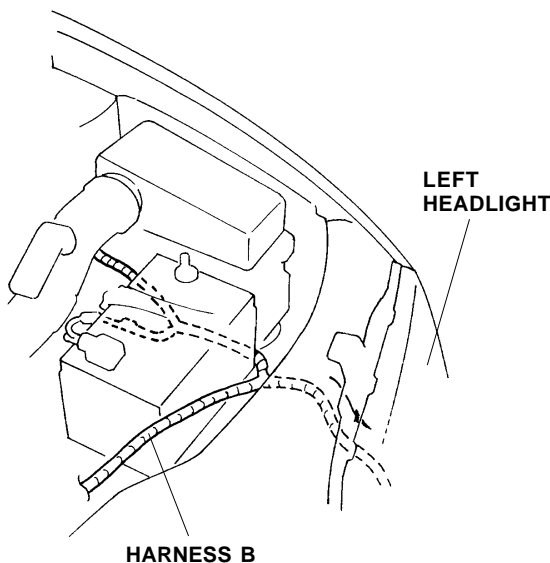


16. Loosen the ground bolt, and attach the ground terminal of harness B with this ground bolt.

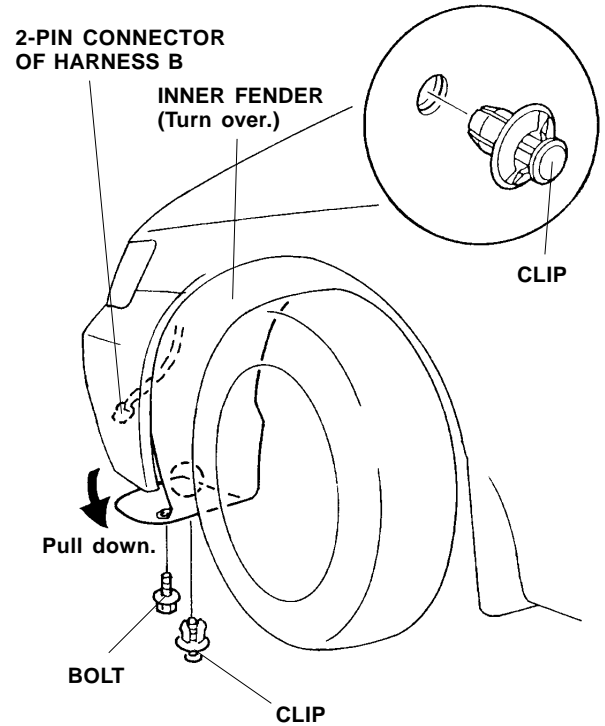
- Attach the terminal of the fusible link to the positive battery terminal with the battery terminal nut. Plug the 1-pin connector of the fusible link into the 1-pin connector of harness B.



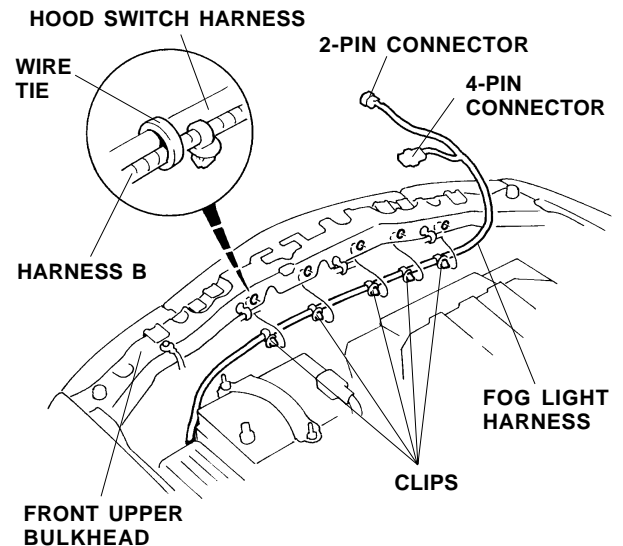
- Secure the 1-pin connector of harness B to the battery cable with the wire tie with holder you installed in step 13.
- Route the 2-pin connector of harness B (short harness) down behind the left headlight.



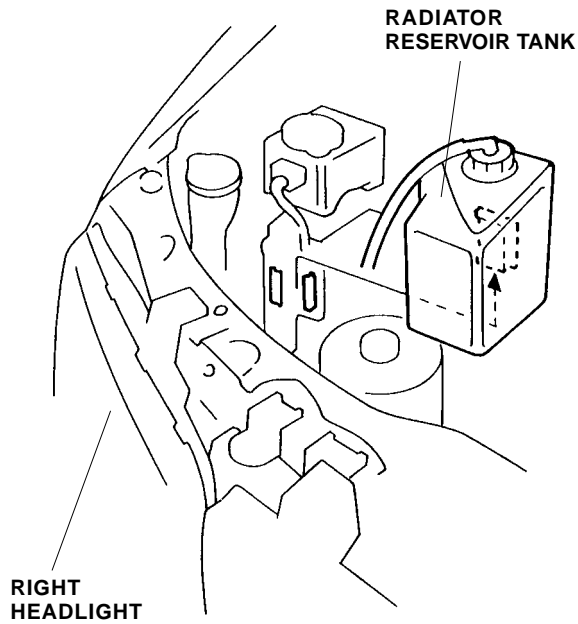
- Remove the bolt and clip, then pull down the inner fender.
- Continue routing the 2-pin connector of harness B as shown, then push the clip on harness B into the hole in the left front bulkhead.



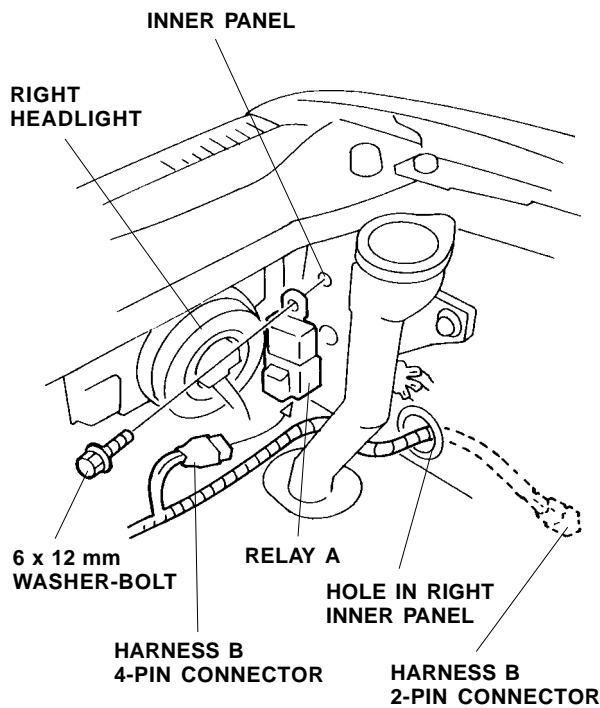
- Route the other 2-pin connector of harness B under the inside of the upper bulkhead, and secure it to the upper bulkhead by pushing the five clips into the holes in the bulkhead. If equipped with an optional hood switch, secure harness B to the hood switch harness with one wire tie inside the upper bulkhead. Be careful not to pinch the overflow hose.



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

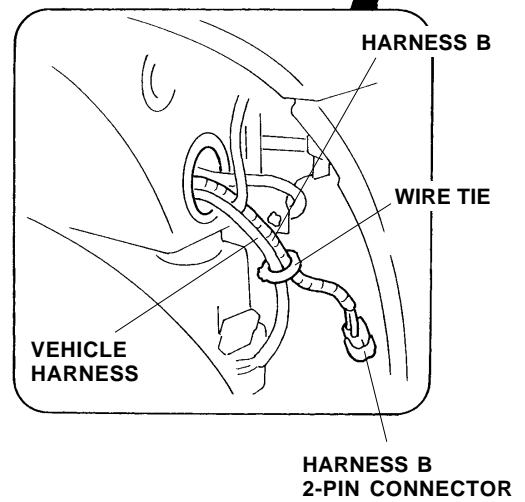
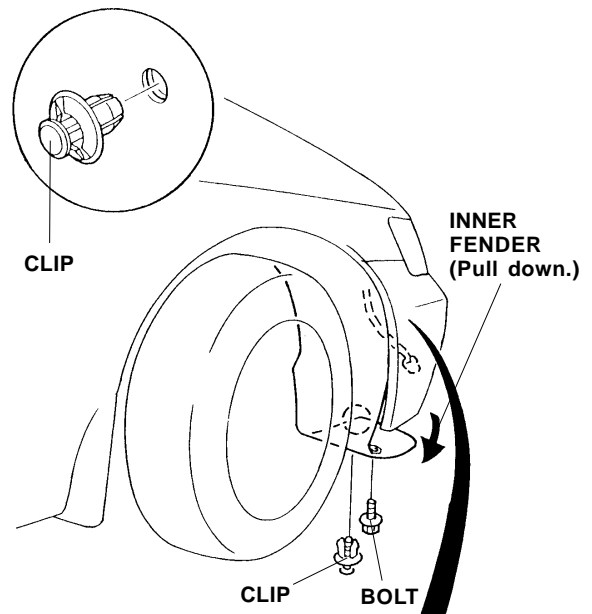


24. Plug the 4-pin connector of harness B into relay A. Attach relay A to the inner panel behind the right headlight with the 6 x 12 mm washer-bolt.

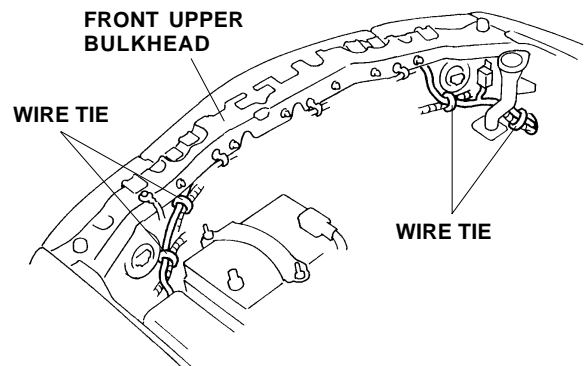


25. Route the 2-pin connector of harness B out through the hole in the right inner fender.

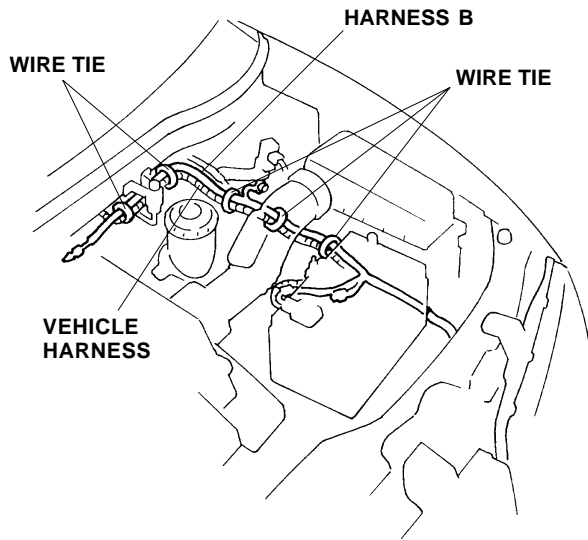
26. Remove the bolt and the clip, then pull down the right inner fender. Route the 2-pin connector of harness B out through the inner fender hole, then secure it to the vehicle harness with one wire tie as shown.



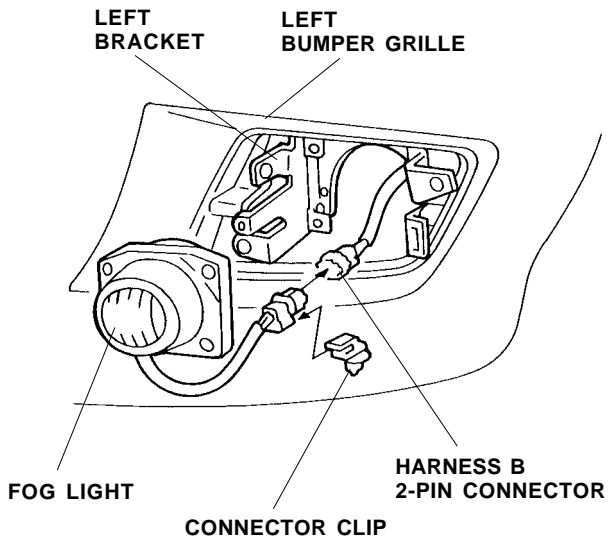
27. Secure harness B to the vehicle harness with four wire ties in the areas shown.



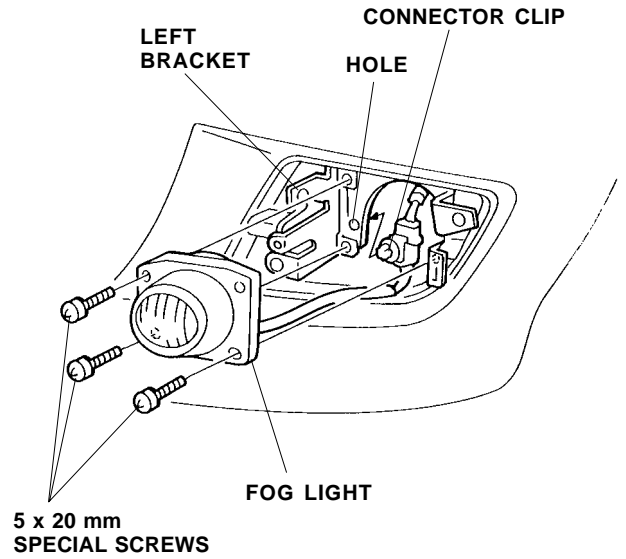
28. Secure harness B to the vehicle harness with five wire ties in the areas shown.



29. On the driver's side of the vehicle, slide one connector clip onto the fog light connector.
30. Plug the 2-pin connector of harness B into the fog light connector.



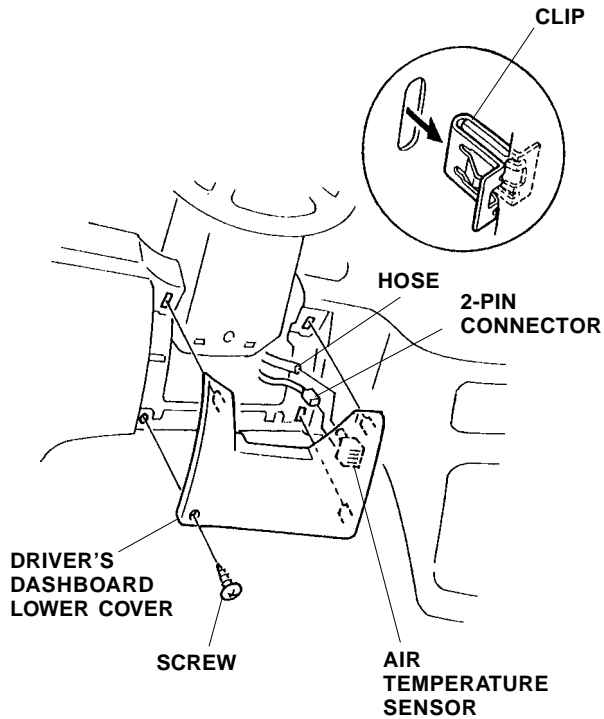
31. Insert the fog light connector clip into the hole in the left bracket.
32. Position the fog light on the left bracket, and install the three 5 x 20 mm special screws.



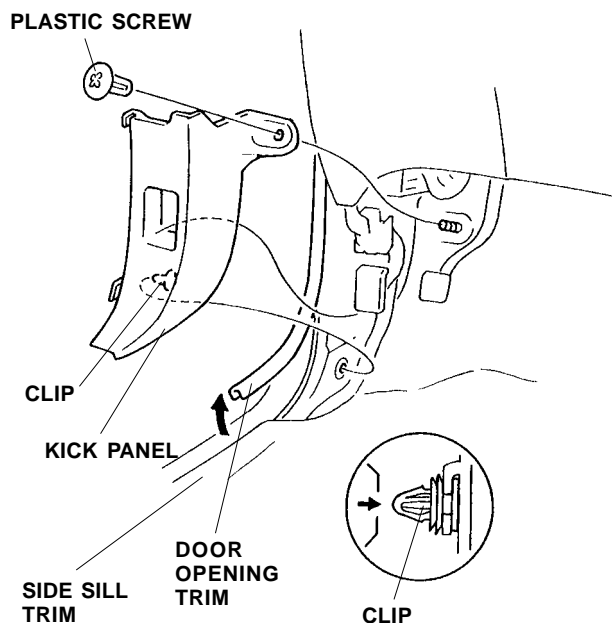
33. On the passenger's side of the vehicle, repeat steps 29 through 32 to install the other fog light with the other connector clip onto the right bracket.

Routing Harness A

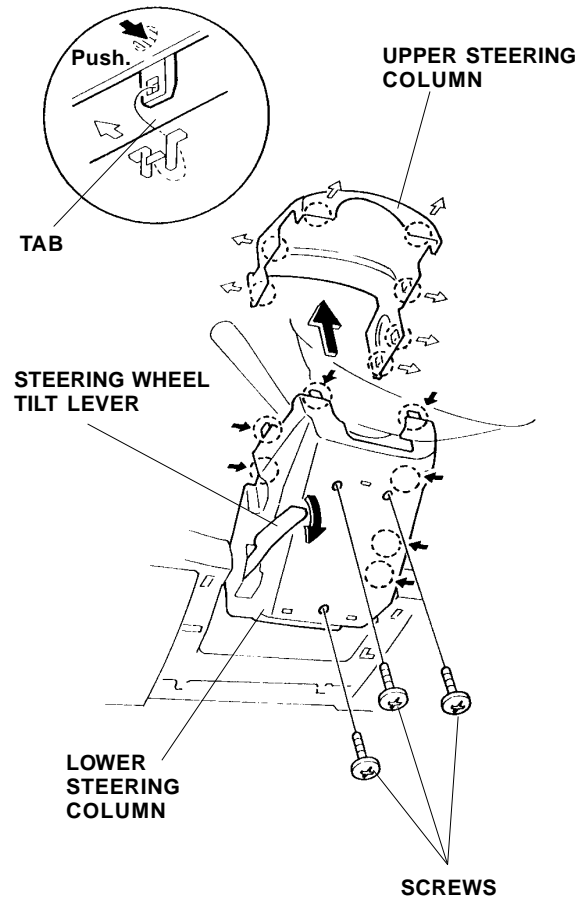
34. Remove the driver's dashboard lower cover (one screw and three retaining clips). On EX model, disconnect the 2-pin connector and the air temperature sensor hose.



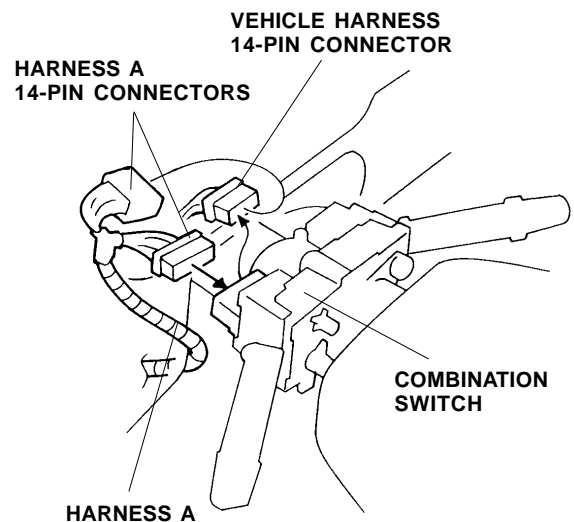
35. Pull up the door opening trim, and unscrew the plastic screw securing the kick panel. Remove the kick panel by pulling it out toward you.



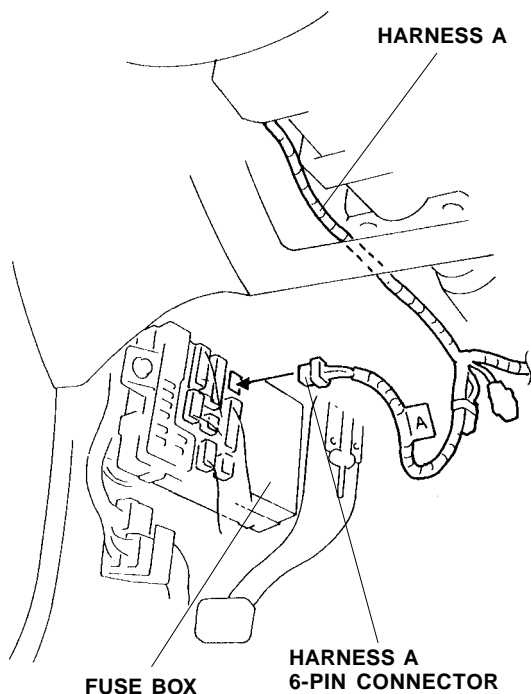
36. Lower the steering wheel tilt lever. Remove the upper and lower steering column covers (three screws and seven clips). Gently push on the seven retaining tabs, and separate the two steering column covers. Take care not to damage the clips.



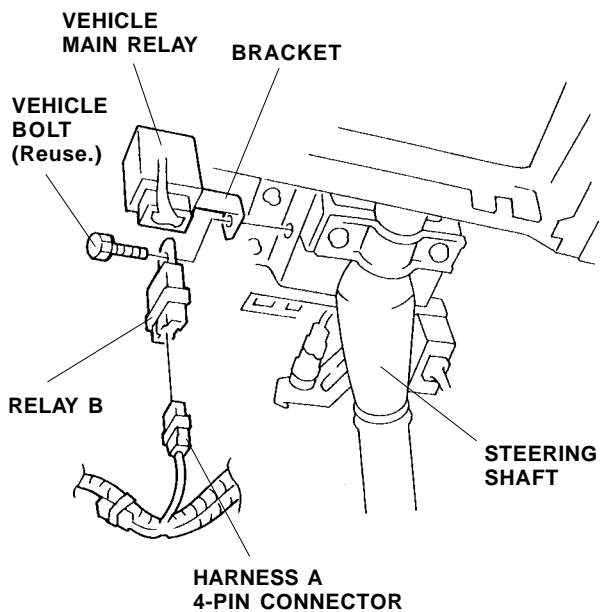
37. Unplug the vehicle harness 14-pin connector from the light switch. Route harness A down through the left side of the steering shaft, and connect the 14-pin connectors from harness A in between.



38. Plug the 6-pin connector of harness A into the 6-pin connector of the driver's side fuse box.

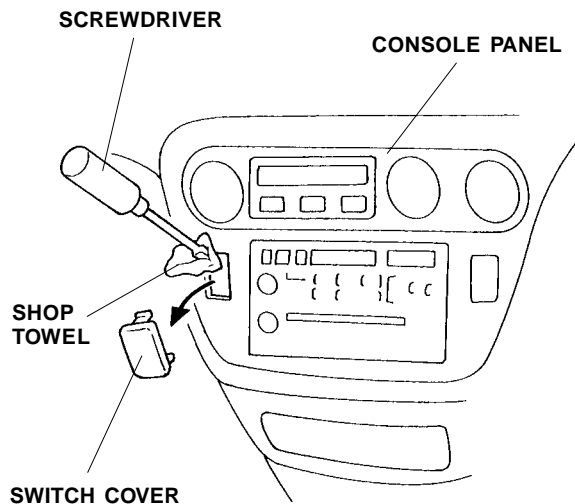


39. Remove the bolt fastening the vehicle main relay bracket to the left of the steering shaft, and attach relay B with this bolt.

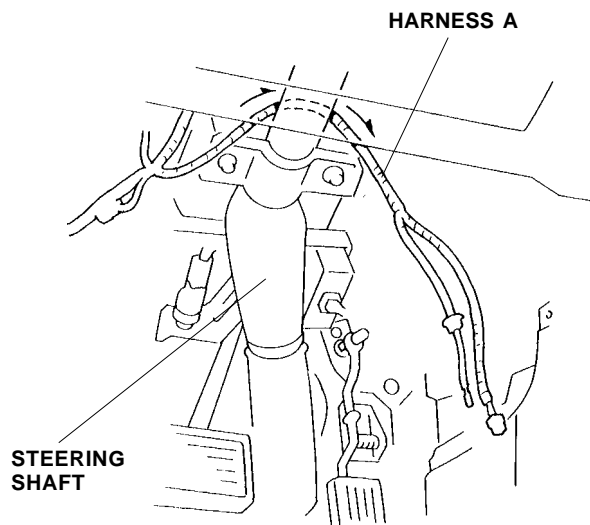


40. Plug the 4-pin connector of harness A into relay B.

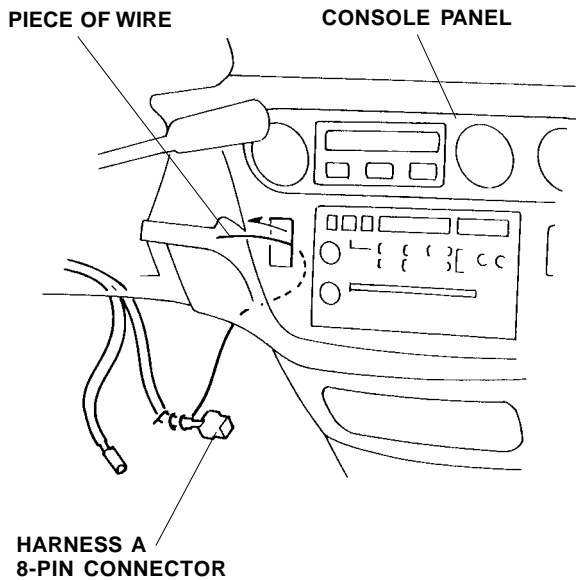
41. Using a shop towel around the end of a flat-tip screwdriver, remove and discard the left switch cover from the console panel.



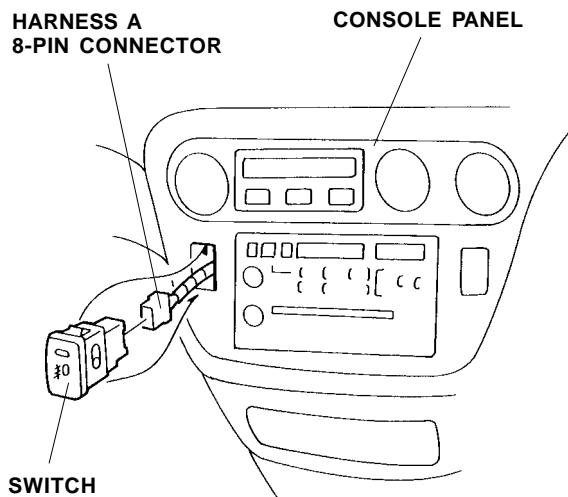
42. Route harness A over the steering shaft toward the hole in the console panel alongside the vehicle harness.



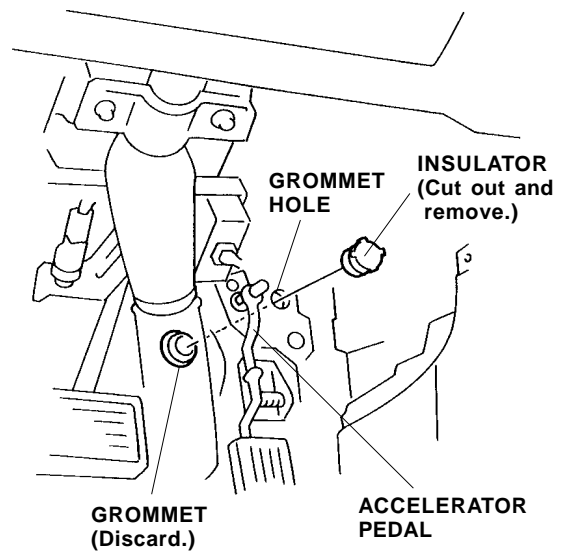
43. Route the 8-pin connector of harness A out through the empty hole in the console panel. If necessary, attach a piece of wire to the 8-pin connector.



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

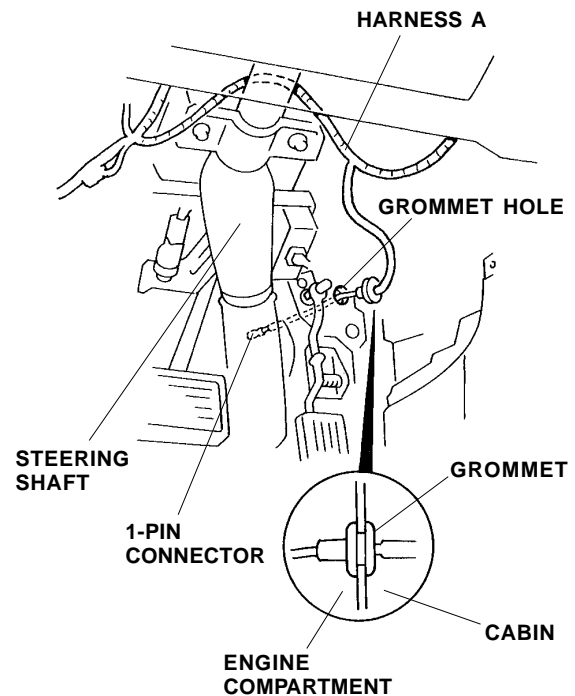


45. Above and to the right of the accelerator pedal, cut out and remove the insulator, then push the grommet concealed under the insulator out into the engine compartment.

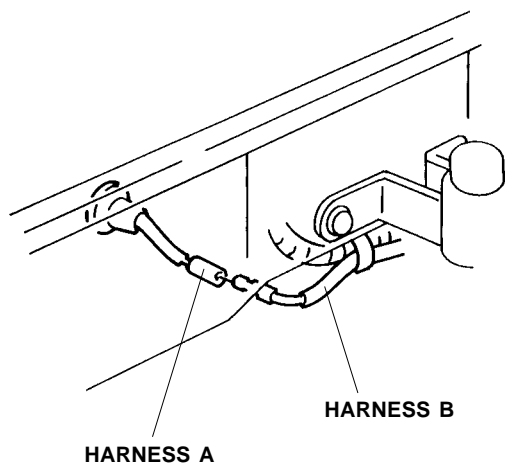


If the vehicle you're working on is equipped with an optional hood switch, go to step 48; otherwise continue with step 46.

46. 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.

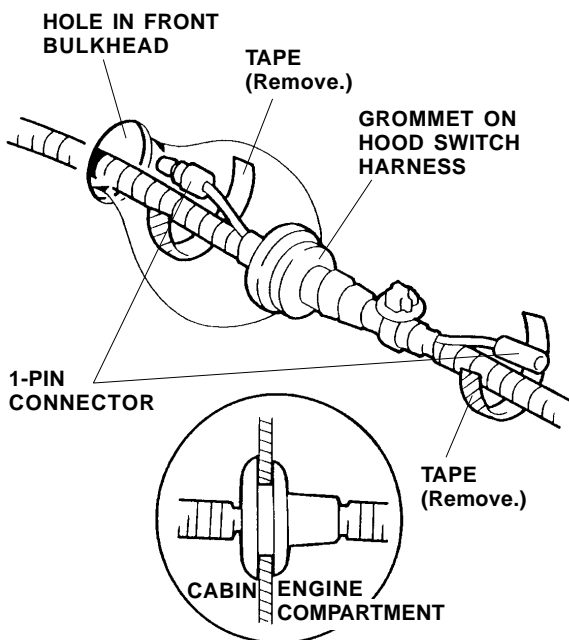


47. Inside the engine compartment, plug the 1-pin connector from harness A into the 1-pin connector of harness B.

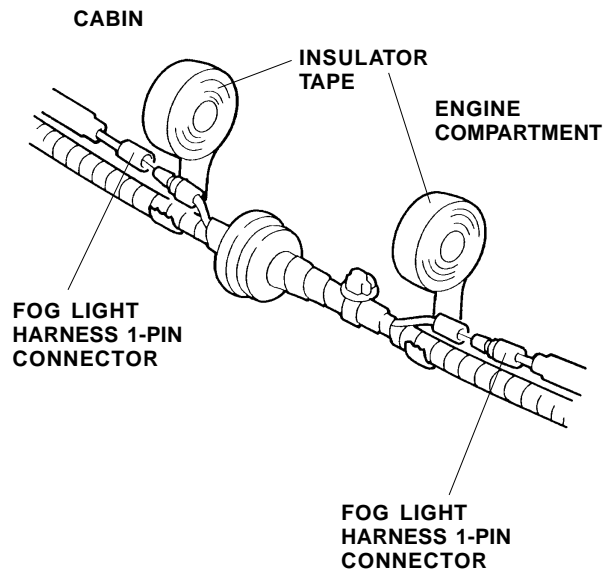


If the vehicle you're working on is not equipped with an optional hood switch, go to step 50; otherwise, continue with step 48.

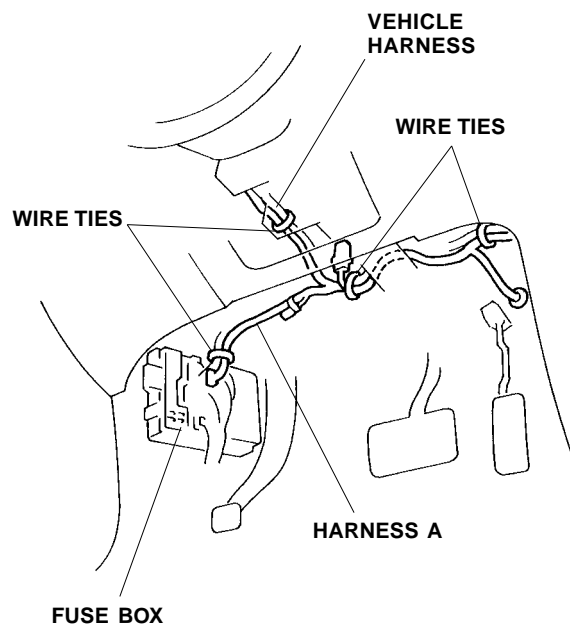
48. Locate the two 1-pin connectors taped to the hood switch harness near the grommet. Remove the tape to free the 1-pin connectors.



49. Plug the 1-pin connectors from the fog light harness 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.)

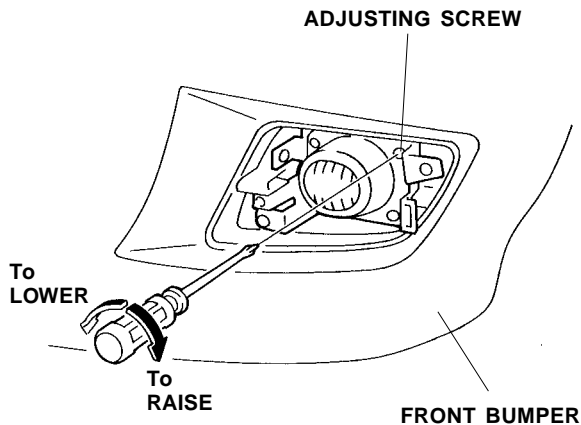


50. Secure harness A to the vehicle harness with four wire ties in the area shown.

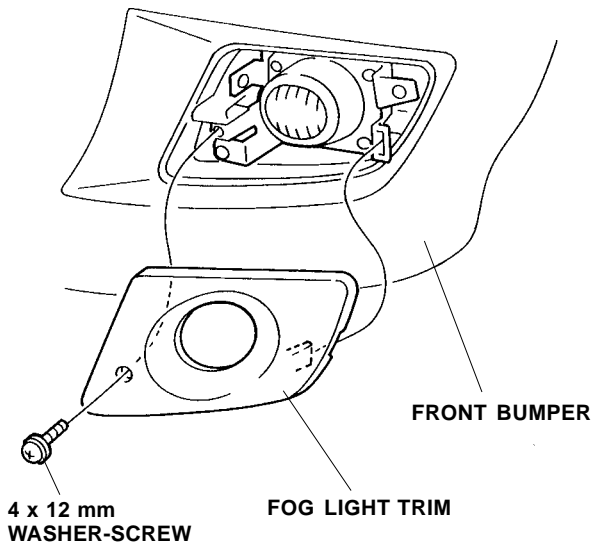


Fog Light Aiming Adjustment

51. 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.



52. After adjusting the aiming, attach the fog light trim to the front bumper using one 4 x 12 mm washer-screw for each fog light.



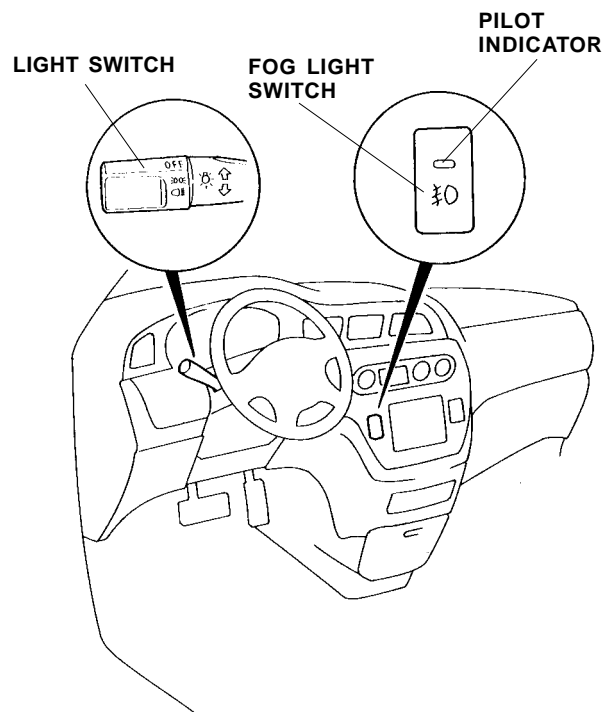
53. Check that all wire harnesses are routed properly and all connectors are plugged in.
54. Reinstall all removed parts.
55. Reconnect the negative cable to the battery.
56. Enter the customer's radio anti-theft code, and reset the radio station presets.
57. Reset the clock.

USE AND CARE

How to Operate Fog Lights

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

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

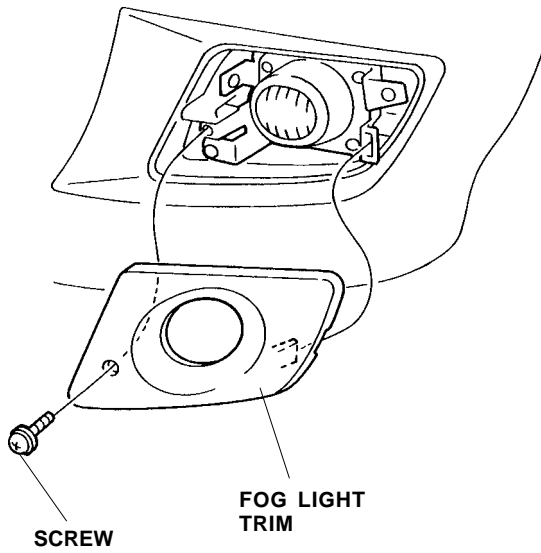


Bulb Replacement

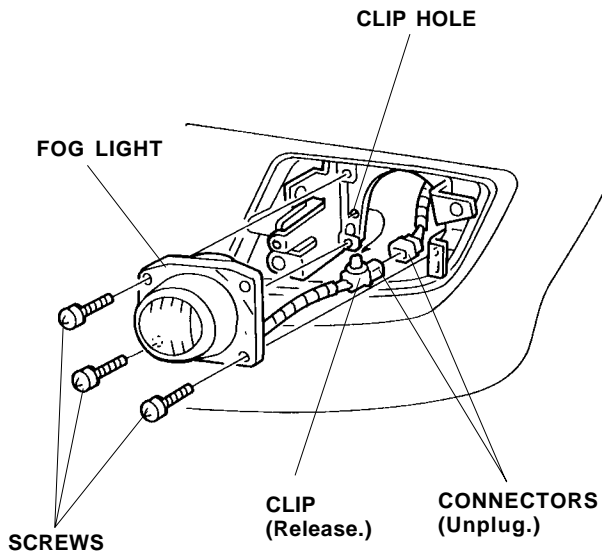
NOTE:

- 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.

1. Remove the fog light trim (one screw).

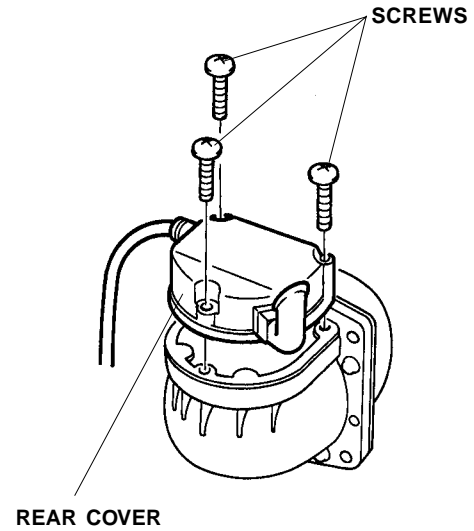


2. Remove the fog light (three screws).

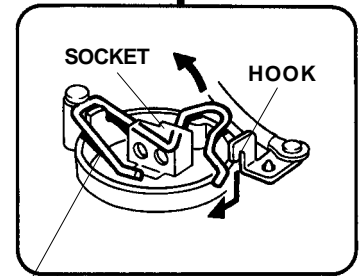
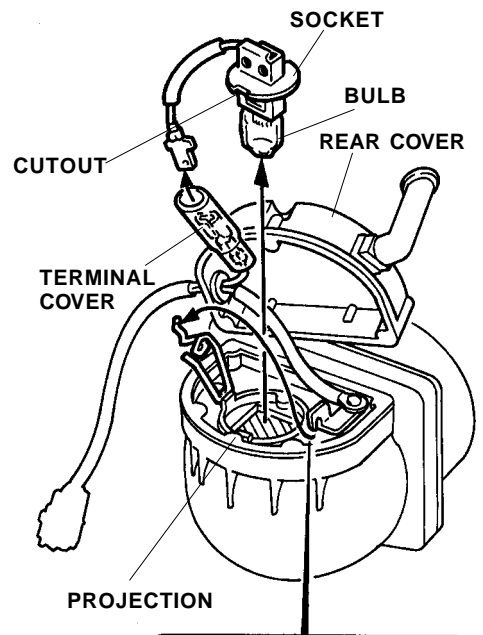


3. Release the clip from the hole of the bracket, and unplug the fog light harness connectors. Do not damage the harness.

4. Remove the rear cover (three screws).

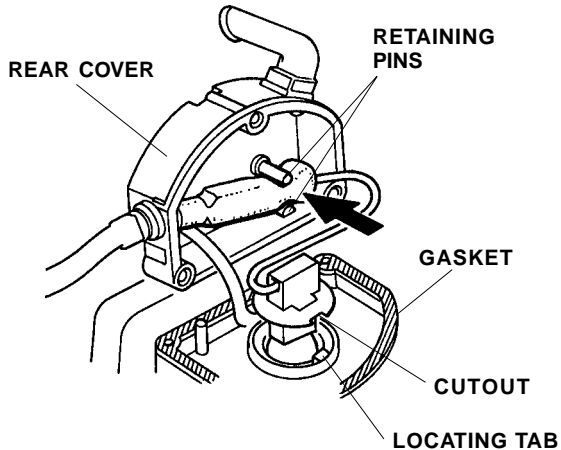


5. Release the spring from the hook, and pull the socket out of the light housing.



SPRING
(Press down to release from hook.)

6. Unplug the terminal of the socket from the terminal of the light harness.
7. Replace the bulb with a new one.
8. Align the cutout in the socket with the projection on the fog light housing when installing the socket.

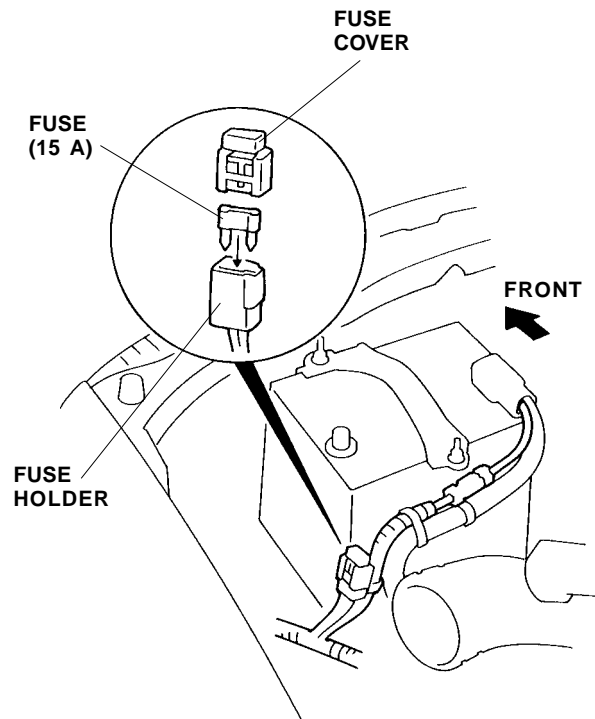


Slide the rear cover over the connectors, and press it into position between the two retaining pins.

- Check that the wires are not forced against any metal parts.
 - Check that the wires are not pinched between the rear cover and the fog light housing when reinstalling the rear cover.
 - Check that the gasket is installed properly and not twisted or inverted.
 - Tighten the rear cover screws securely.
9. Reinstall the fog light.

REPLACING THE FUSE

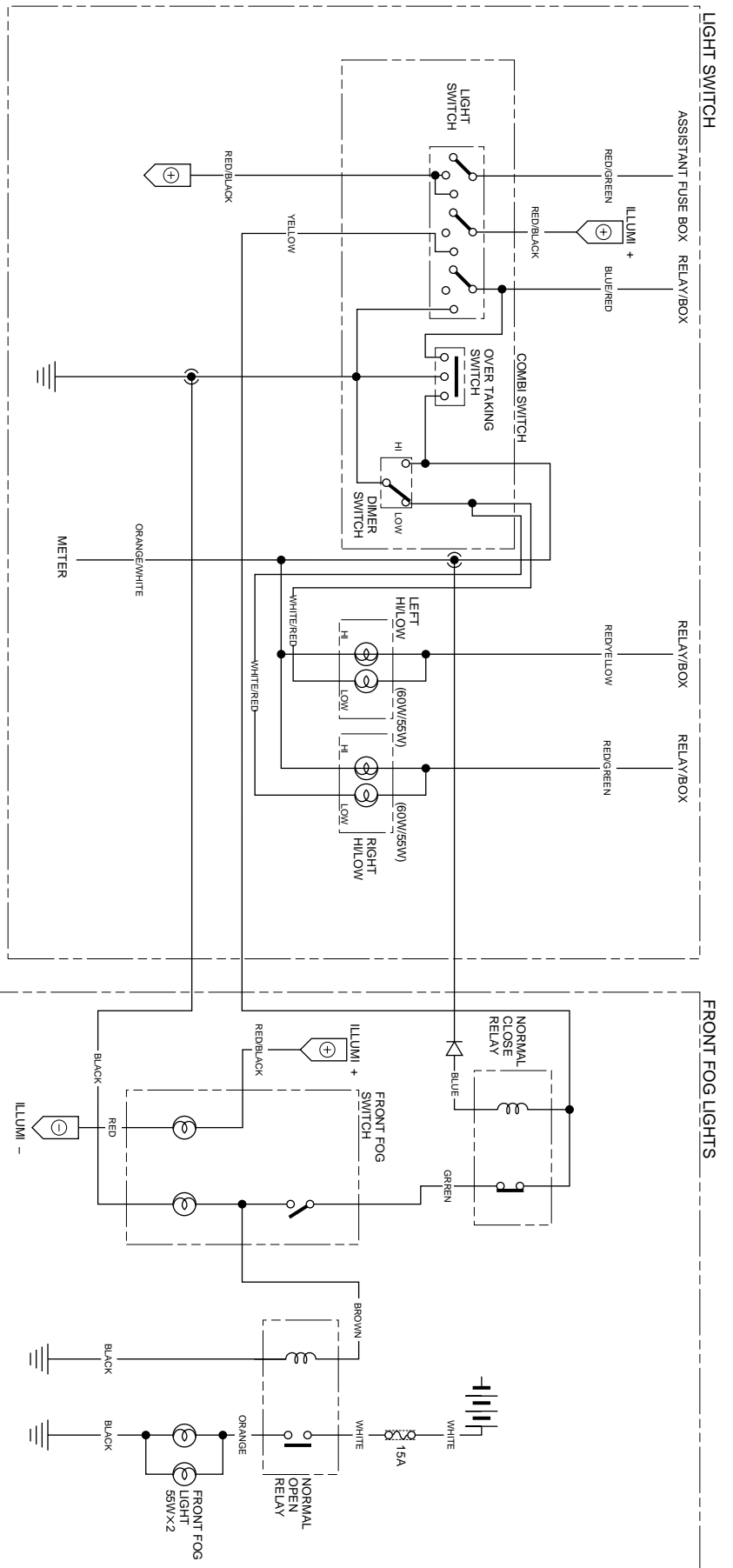
To replace the fuse, remove the cover from the fuse holder taped to the fog light harness, install a new 15A fuse, and reinstall the cover.



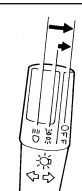
SPECIFICATIONS

Bulb: 12V-55 W H3 bulb
(P/N 33165-SB0-7310)


Fuse: 15A
(P/N 98200-41500)



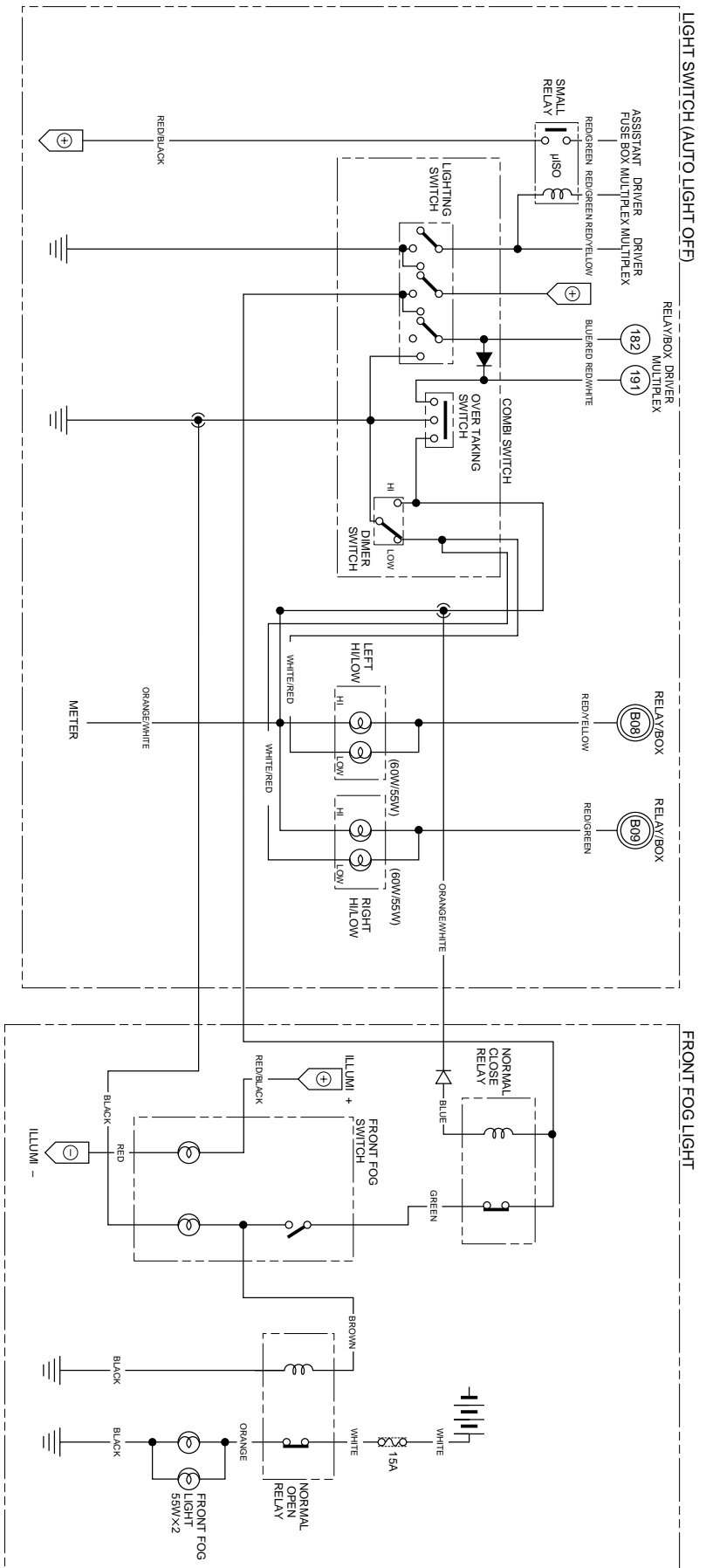
CIRCUIT DIAGRAM 1



LIGHT SWITCH	
OFF	HI
LOW	HI
OFF	ON
ON	ON



FOG LIGHT SWITCH	
OFF	ON
ON	ON



CIRCUIT DIAGRAM 2

		OFF		LOW		HI	
		OFF	ON	OFF	ON	OFF	ON
		OFF		LOW		HI	
		OFF		LOW		HI	