# HONDA INSTALLATION INSTRUCTIONS

Accessory

FOG LIGHTS P/N 08V31-SCV-100D Application

2010 ELEMENT (SC)

Publications No. All 42678

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# **PARTS LIST**

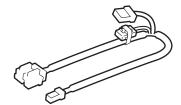
Right fog light



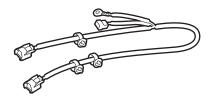
Left fog light



Switch harness



Fog light harness



Relay bracket



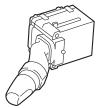
Relay



Fuse label



Combination light switch



4 Self-tapping screws



Washer-bolt, 6 x 16 mm



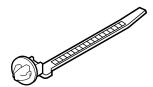
Flange nut



18 Wire ties (1 Not used)



Wire tie with clip



Clip



2 Spring nuts



2 Washer-bolts, 5 x 12 mm



## **TOOLS AND SUPPLIES REQUIRED**

Phillips screwdriver

Flat-tip screwdriver

Ratchet

8 mm and 10 mm Sockets

File

Utility knife

Clip remover

Diagonal cutters

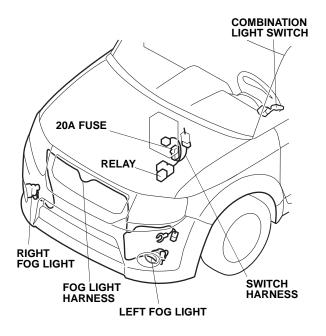
Masking tape

Isopropyl alcohol

Shop towel

Blanket

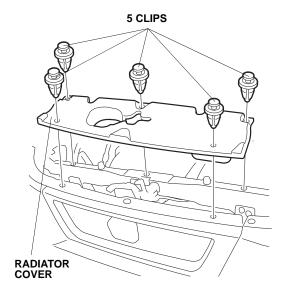
#### Illustration of the Fog Lights Installed on the Vehicle



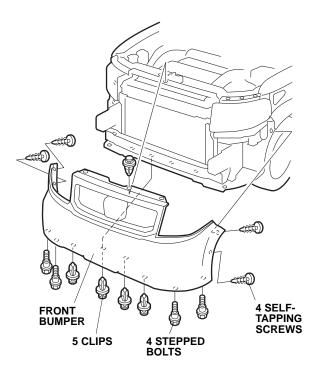
#### **INSTALLATION**

**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."

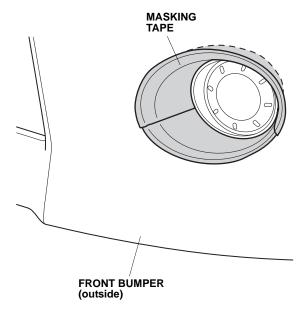
- Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
- 2. Disconnect the negative cable from the battery.
- 3. Remove the radiator cover (five clips).



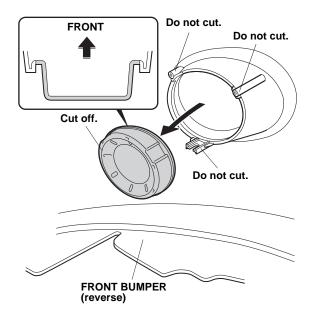
4. With the help of an assistant, remove the front bumper (five clips, four stepped bolts, and four self-tapping screws). Place the front bumper on a blanket to prevent damage.



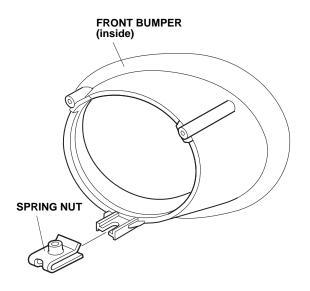
5. Attach masking tape to the front bumper in the area shown.



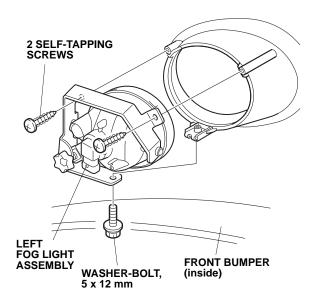
6. Working from the inside of the bumper, use a utility knife to cut out the fog light opening. Remove any burrs.



7. Attach one spring nut to the front bumper as shown.



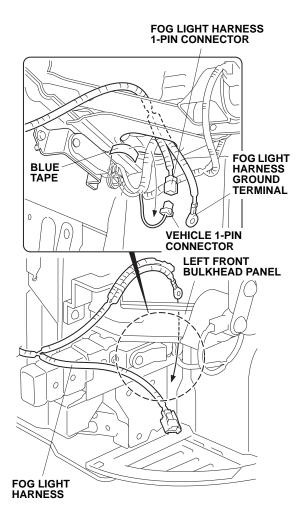
8. Slide the left fog light assembly into the cutout, and secure it with two self-tapping screws and wone washer-bolt.



9. Repeat steps 5 thru 8 on the other side.

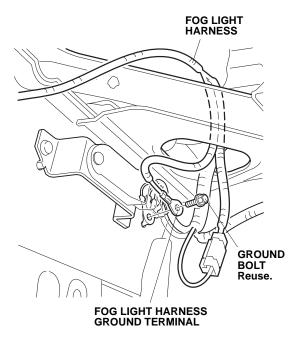
## **Routing the Fog Light Harness**

10. Starting under the left headlight, route the fog light harness 1-pin connector and ground terminal through the hole in the front bulkhead.

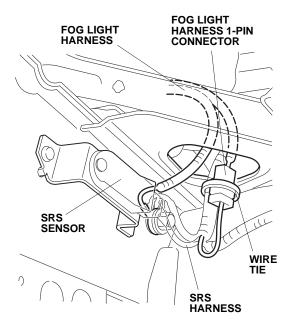


11. Locate the 1-pin connector blue-taped to the vehicle harness. Remove the blue tape to free the 1-pin connector, then plug the 1-pin connector you just freed to the fog light harness 1-pin connector.

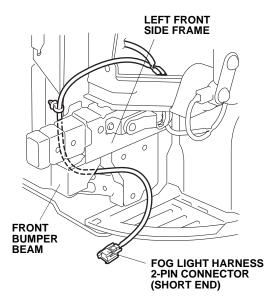
12. Remove the ground bolt that fastens the vehicle ground terminal, then secure the fog light harness ground terminal.



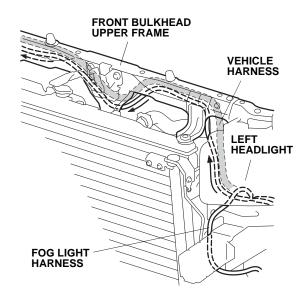
13. Secure the fog light harness 1-pin connector to the vehicle harness with one wire tie. DO NOT secure it to the SRS harness.



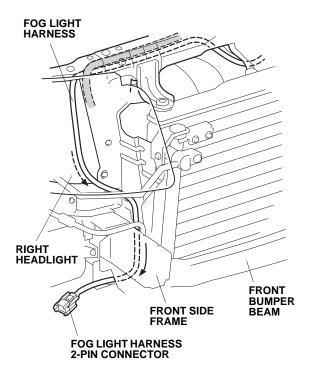
14. Route the fog light harness 2-pin connector (short lead) down and out through the clearance between the side frame and the front bumper beam.



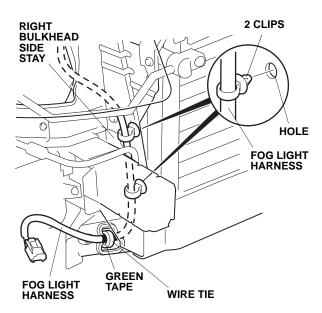
15. Route the fog light harness 2-pin connector (long lead) under the left headlight, then along the vehicle harness behind the front bulkhead upper frame.



16. Continue routing the fog light harness 2-pin connector along the vehicle harness to the right side, then route it down to the bottom of the front side frame along the outside of the right bulkhead side stay.

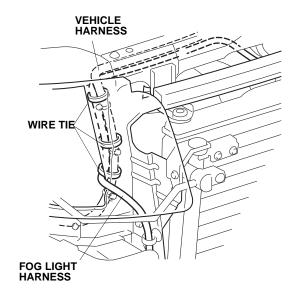


17. Push the two clips on the fog light harness into the holes in the bulkhead side stay.

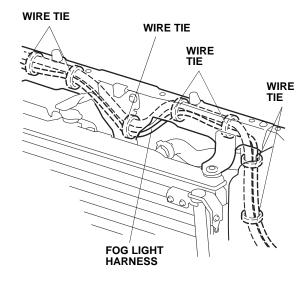


18. Secure the fog light harness to the vehicle frame with one wire tie at the green tape.

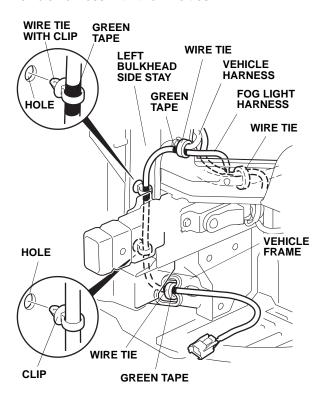
19. Secure the fog light harness to the vehicle harness with three wire ties in the areas shown.



20. Secure the fog light harness to the vehicle harness with seven wire ties in the areas shown.

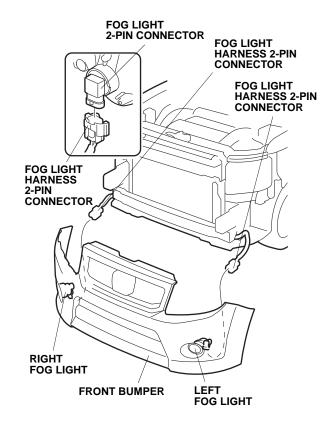


21. On the left side, secure the fog light harness to the vehicle harness with two wire ties.



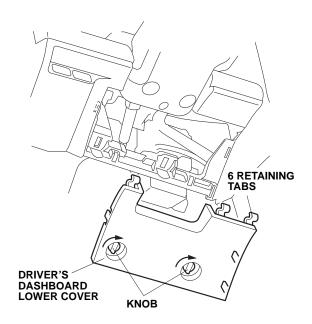
- 22. Install a wire tie with clip to the fog light harness at the green tape. Clip the harness to the left bulkhead side stay.
- 23. Push the clip on the fog light harness into the left bulkhead side stay lower hole shown.
- 24. Secure the fog light harness to the vehicle frame with one wire tie at the green tape.

25. While holding the front bumper near the front of the vehicle, plug the fog light harness 2-pin connectors into the 2-pin connectors on the fog lights. Reinstall the front bumper.

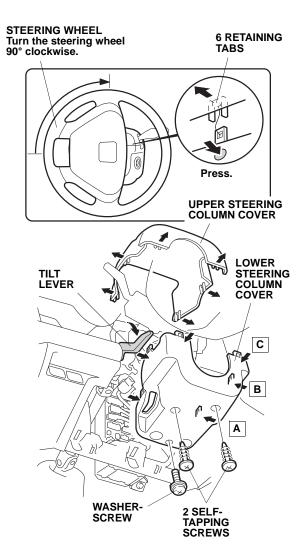


## **Routing the Switch Harness**

26. Remove the driver's dashboard lower cover (turn the knobs clockwise, then pull the cover out toward you to release the six retaining tabs).

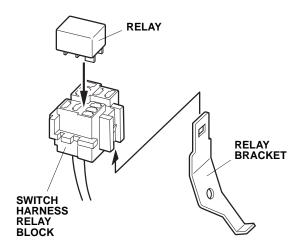


27. Use the tilt lever to lower the steering wheel.
Remove the two self-tapping screws and one
washer-screw from the lower steering column cover.
NOTE: To prevent damage of the retaining tabs on
the upper steering column cover do the following.

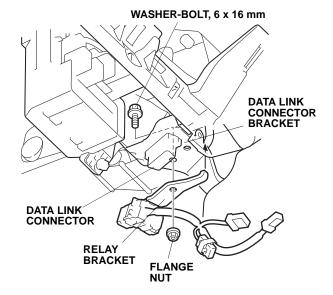


- 28. Separate the upper steering column cover from the lower steering column cover.
  - Turn the steering wheel 90° clockwise first, then press point a to release the retaining tab.
  - Press point B and then C to release the retaining tabs. Once the retaining tabs are released, the retaining tabs on the opposite side release.

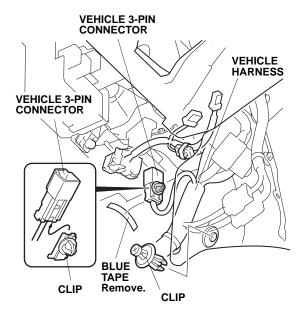
29. Slide the relay bracket onto the switch harness relay block.



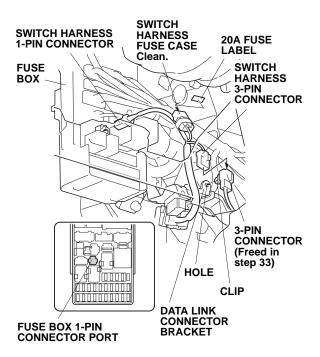
- 30. Plug the relay onto the switch harness relay block.
- 31. Install the relay bracket on the data link connector bracket using a 6 x 16 mm washer-bolt and flange nut.



32. Remove the one clip.

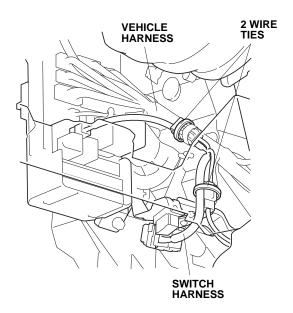


- 33. Locate the 3-pin connector blue-taped to the vehicle harness. Remove the blue tape to free the 3-pin connector. Slide the clip onto the 3-pin connector you just freed.
- 34. Plug the switch harness 3-pin connector into the 3-pin connector freed in step 33. Push the clip into the hole shown.

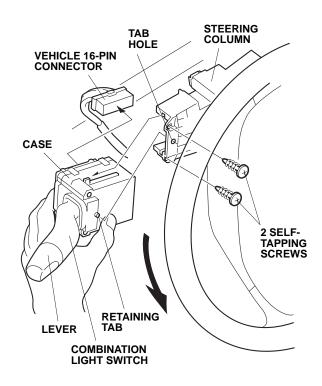


35. Using isopropyl alcohol on a shop towel, clean the switch harness fuse case where the 20A fuse label will attach. Attach the 20A fuse label to the switch harness fuse case.

- 36. Plug the switch harness 1-pin connector into the fuse box in the location shown.
- 37. Secure the switch harness to the vehicle harness with two wire ties.

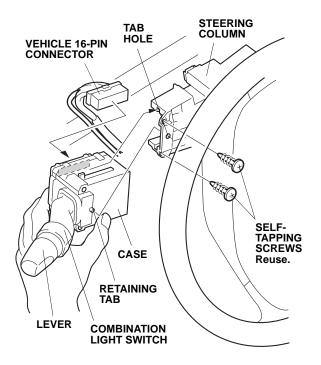


38. Turn the steering wheel 90° counterclockwise.



39. Unplug the vehicle 16-pin connector from the switch.

- 40. Remove the two self-tapping screws from the combination light switch. While pushing the retaining tab, slide the combination light switch out and remove it from the steering column. Do not pull on the lever when removing the switch. Do not damage the tab hole on the bracket.
- 41. Install the new combination light switch on the steering column using the two self-tapping screws. Do not push on the lever when installing the switch. Make sure the retaining tab is securely set in the tab hole. Install the vehicle 16-pin connector to the combination light switch.



- 42. Check that all wire harnesses are routed properly and all connectors are plugged in.
- 43. Reinstall all removed parts. Check that all clips and fasteners are installed securely.
- 44. Reconnect the negative cable to the battery.
- 45. Reset the clock, and reset the radio station presets.

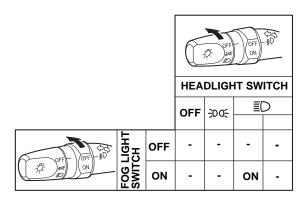
NOTE: When the battery is disconnected, the driver's window AUTO function is disabled.

- 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 2 seconds or more
- Lower and raise the driver's window to check operation of the driver's window AUTO function.

#### **USE AND CARE**

#### **Operating the Fog Lights**

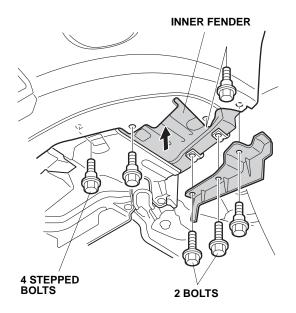
- Turn the light switch to the "≣○" position (headlights on low beam).
- Turn the fog light switch to on..
   (indicator "却" on the instrument panel comes on).



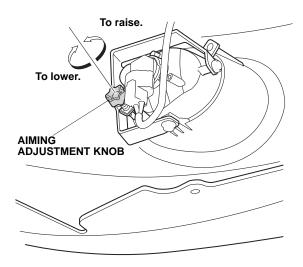
NOTE: The fog light lenses can cloud when the outside temperature is cold; this is normal and should go away in warm weather.

## **Adjusting the Fog Light Aiming**

- Adjust the aiming according local laws and regulations.
- 1. Remove the four stepped bolts and two bolts, then pull away the inner fender.



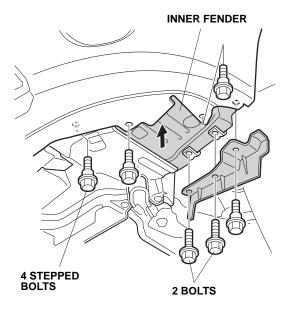
2. To adjust, turn the aiming adjustment knob in or out until the correct aiming is obtained.



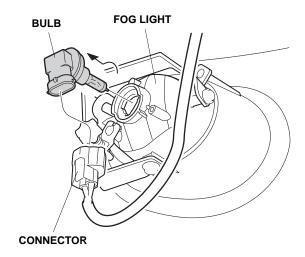
- 3. Reinstall all removed parts.
- 4. Repeat steps 1 thru 3 on the other side.

# Replacing the Bulb

5. Remove the four stepped bolts and two bolts, then pull away the inner fender.



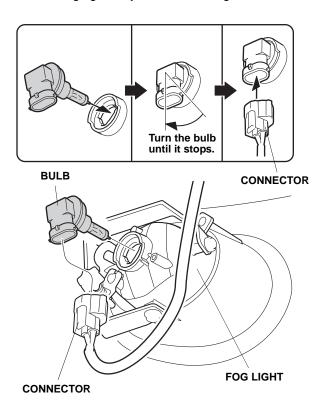
6. Unplug the connector. Turn the bulb counterclockwise and remove it from the fog light.



- 7. Install the new bulb into the fog light.
  - Take extreme care when replacing the fog light bulb to avoid damaging the lenses or finished surfaces of the body.
  - Use only a genuine Honda halogen light bulb of specified wattage.
     Rating: 12V 55W H11 Halogen Light Bulb

P/N 33165-S5A-003

- 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 soft cloth that has been dampened with denatured alcohol or a mild detergent solution.
- When installing the new bulb, align the cutout on the fog light with the tab on the new bulb and turn the new bulb clockwise. If not properly aligned, the fog light may blind oncoming drivers.



- 8. Reinstall the removed parts in the reverse order of removal.
  - Check that the wire harnesses are not pinched.
  - Make sure to tighten the bolts securely.
- 9. Check the operation of the fog light; adjust the aiming if necessary.