MACURA

INSTALLATION INSTRUCTIONS

Accessory FOG LIGHTS P/N 08V31-TX6-200

Application

2013 ILX

Publications No. BII 13540

Issue Date
MAY 2012

PARTS LIST

2 Fog lights



Left fog light cover



Right fog light cover



4 Self-tapping screws



4 Spring nuts



Combination light switch



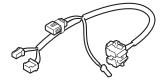
Relay



20A Fuse



Fog light relay harness



Fog light harness



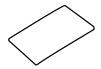
Fuse label



9 Wire ties



5 Aluminum tapes



Clip



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver

Flat-tip screwdriver

Small flat-tip screwdriver

Ratchet

10 mm Socket

Diagonal cutters

Tape

Isopropyl alcohol

Shop towel

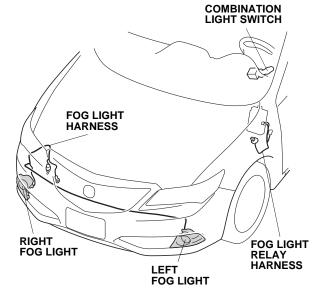
Blanket

Scissors

The following tools are available through the Honda Tool and Equipment Program. On the iN, click on: Service > Service Bay > Tool and Equipment Program, then enter the number under "Search". Or, call 888-424-6857.

- Trim Tool Set (T/N SOJATP2014)
- Plastic Trim Tool (T/N SILTRIMTL10)

Illustration of the Fog Lights in the Vehicle

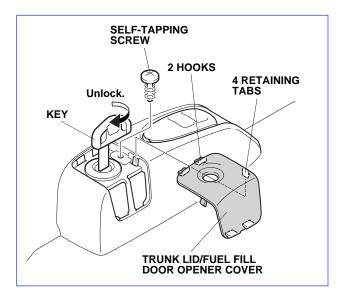


INSTALLATION

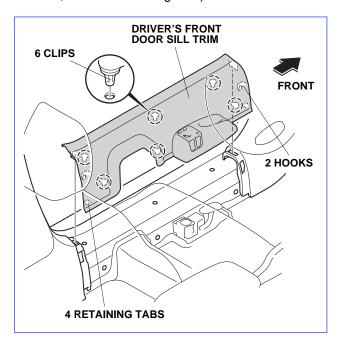
Client Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

Disconnect the negative cable from the battery.

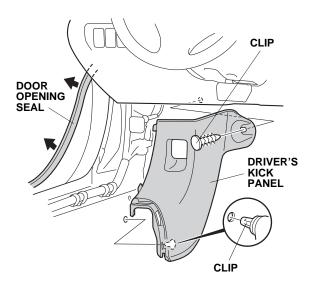
 Remove the trunk lid/fuel fill door opener cover (four retaining tabs and two hooks). Remove one selftapping screw. Using the key, unlock the trunk lock.



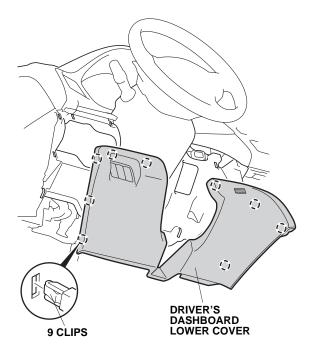
3. Remove the driver's front door sill trim (six clips, two hooks, and four retaining tabs).



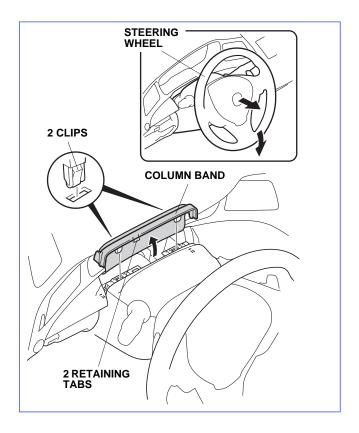
4. Pull away the door opening seal, and remove the driver's kick panel (two clips).



5. Remove the driver's dashboard lower cover (nine clips).

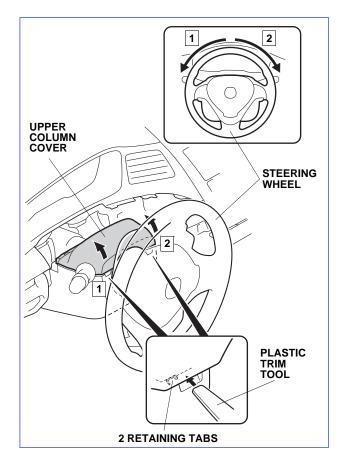


6. Lower the tilt lever. Pull and lower the steering wheel.

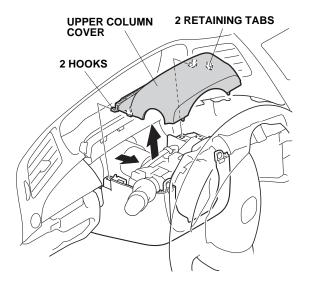


7. Release the column band (two clips and two retaining tabs).

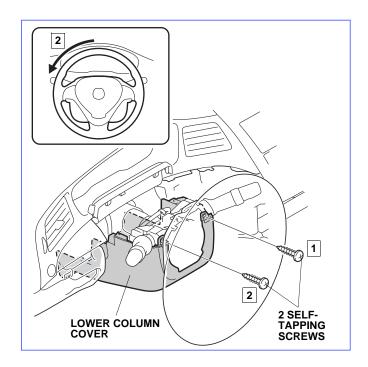
8. Turn the steering wheel 90° counterclockwise. Using a plastic trim tool, release the retaining tab.



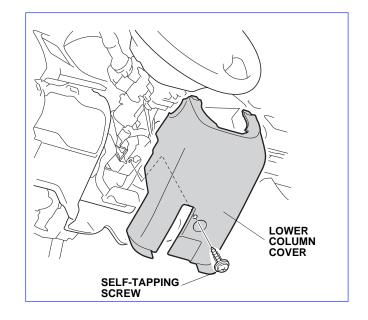
- 9. Turn the steering wheel 180° clockwise. Using a plastic trim tool, release the retaining tab.
- 10. Remove the upper column cover (two retaining tabs and two hooks).



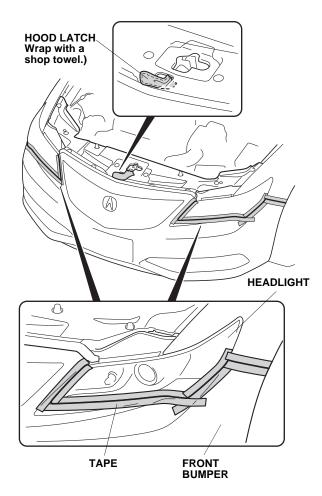
11. Remove one self-tapping screw from the lower column cover.



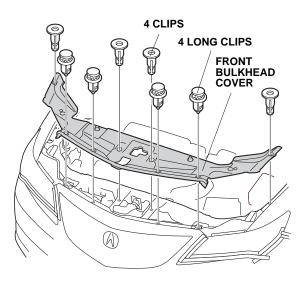
- 12. Turn the steering wheel 180° counterclockwise. Remove one self-tapping screw from the lower column cover.
- 13. Remove the lower column cover (one self-tapping screw).



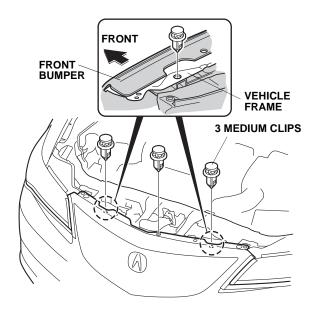
- 14. Remove the front bumper:
 - Attach tape to the areas shown on each side.
 - Wrap a shop towel around the hood latch.



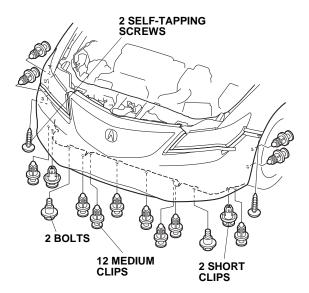
 Remove the front bulkhead cover (four clips and four long clips).



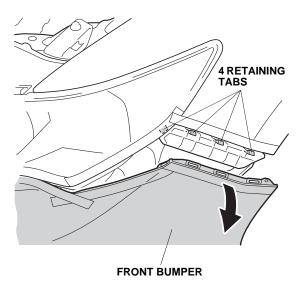
Remove three medium clips.



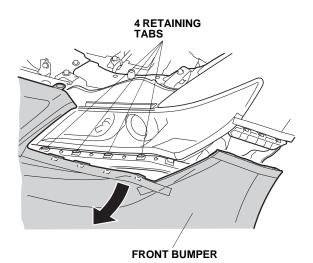
• Remove two self-tapping screws, two bolts, two short clips, and twelve medium clips.



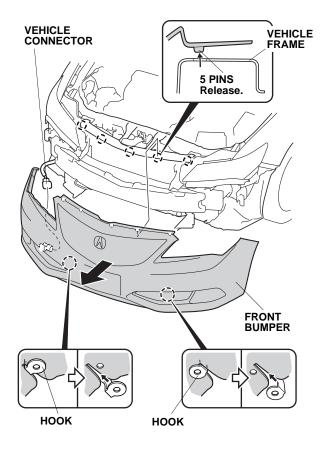
· Release four retaining tabs on each side.



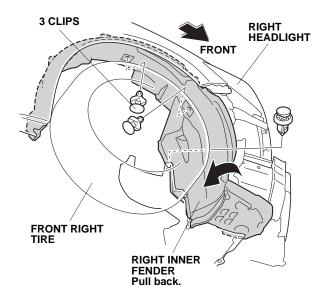
 With the help of an assistant, release four retaining tabs on each side.



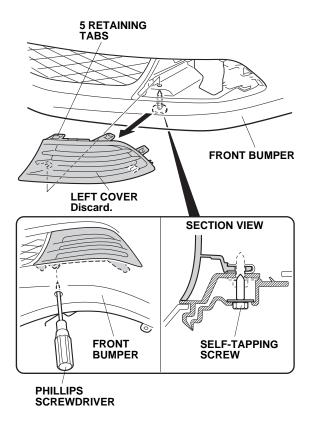
 With the help of an assistant, remove the front bumper (unplug the vehicle connector, and release five pins). Place the front bumper on a blanket to prevent damage.



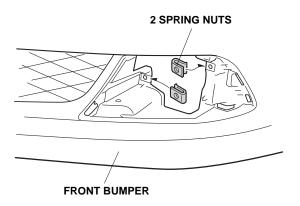
15. Remove three clips, and pull back the right inner fender as shown.



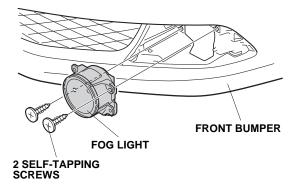
16. Remove the left cover from the front bumper (one self-tapping screw and five retaining tabs).



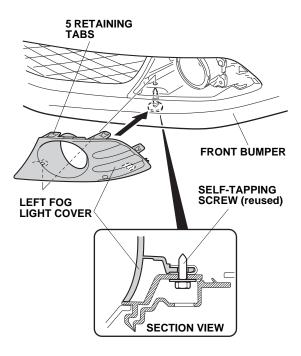
17. Install two spring nuts onto the front bumper as shown.



18. Install the fog light to the front bumper with two self-tapping screws.

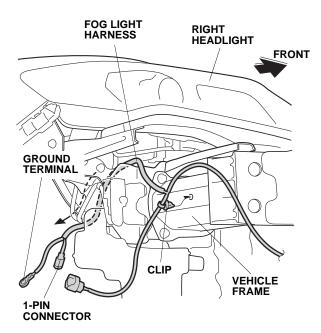


19. Install the left fog light cover to the front bumper, and tighten one self-tapping screw.

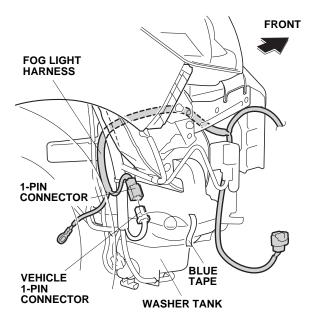


20. Repeat steps 16 through 19 to install the fog light on the right side of the front bumper.

21. Route the fog light harness 1-pin connector and ground terminal between the right headlight and the vehicle frame.

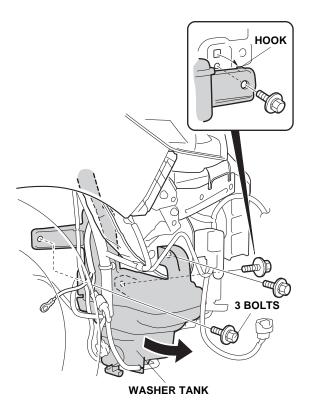


- 22. Secure the clip on the fog light harness to the vehicle frame as shown.
- 23. Remove the blue tape from the vehicle 1-pin connector.

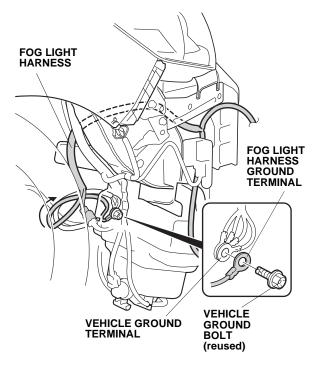


24. Plug the vehicle 1-pin connector into the fog light harness 1-pin connector.

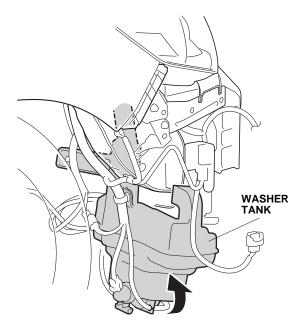
25. Remove three bolts, and move the washer tank aside.



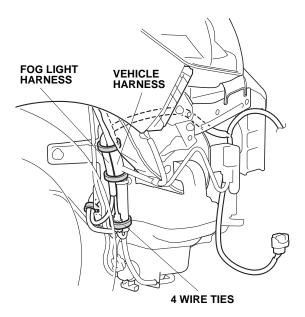
26. Remove the vehicle ground bolt.



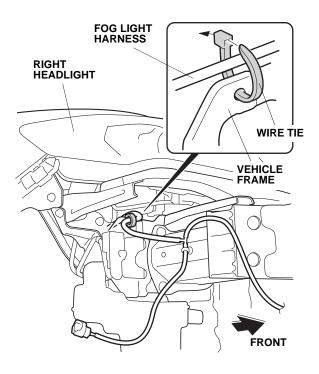
 Attach the fog light harness ground terminal to the vehicle ground terminal, and reinstall the vehicle ground bolt. 28. Reinstall the washer tank.



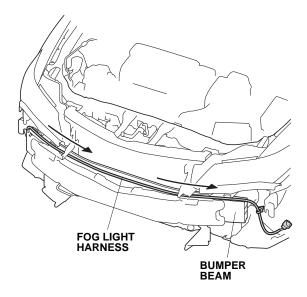
29. Secure the fog light harness to the vehicle harness with four wire ties. Do not secure the fog light harness to the washer tube.



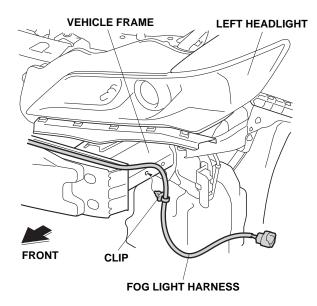
30. Secure the fog light harness to the vehicle frame with one wire tie as shown.



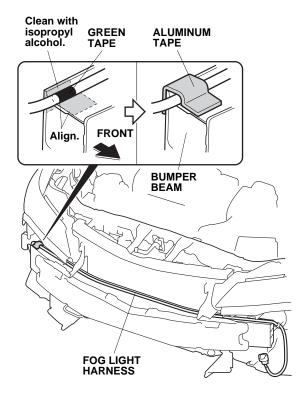
31. Route the fog light harness along the bumper beam as shown.



32. Secure the clip on the fog light harness to the vehicle frame as shown.

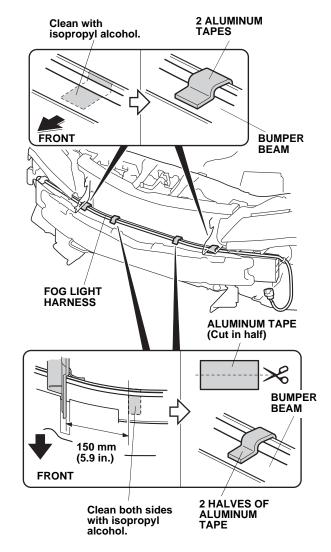


33. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the aluminum tape will attach.



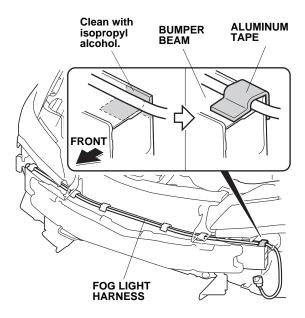
34. Align the green tape on the fog light harness with the bumper beam as shown, and secure the fog light harness to the bumper beam with one aluminum tape.

35. Using isopropyl alcohol on a shop towel, thoroughly clean the areas where the aluminum tapes will attach.

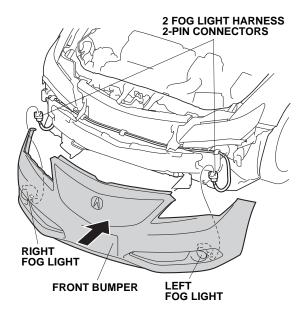


- 36. Secure the fog light harness to the bumper beam with two aluminum tapes.
- 37. Using scissors, cut one aluminum tape in half. Secure the fog light harness to the bumper beam with two halves of aluminum tape.

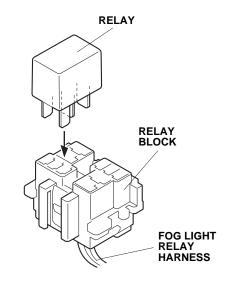
38. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the aluminum tape will attach.



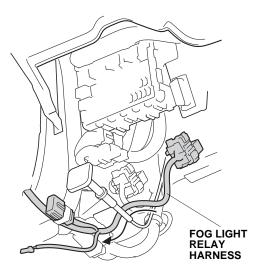
- 39. Secure the fog light harness to the bumper beam with one aluminum tape.
- 40. With the help of an assistant, plug the two fog light harness 2-pin connectors into the left and right fog lights. Install the front bumper (reconnect the vehicle connector). Install all clips securely.



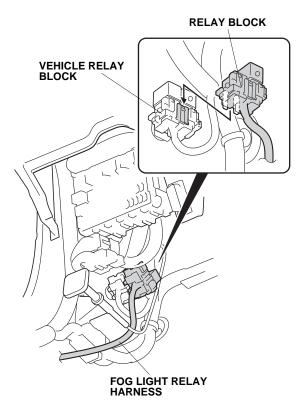
41. Install the relay to the fog light relay harness relay block.



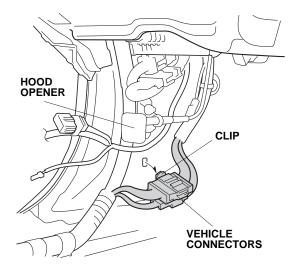
42. Route the fog light relay harness as shown.



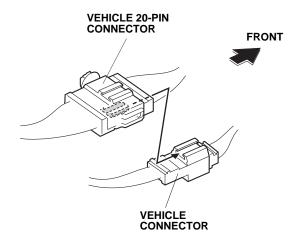
43. Attach the fog light relay harness relay block to the vehicle relay block.



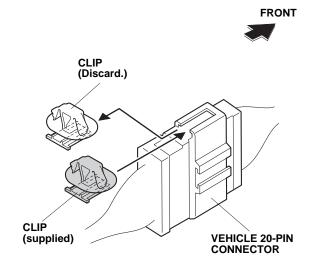
44. Unclip the vehicle connectors from the vehicle panel.



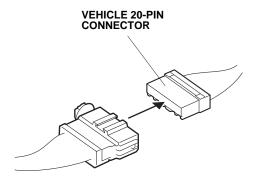
45. Remove the vehicle connector from the vehicle 20-pin connector.



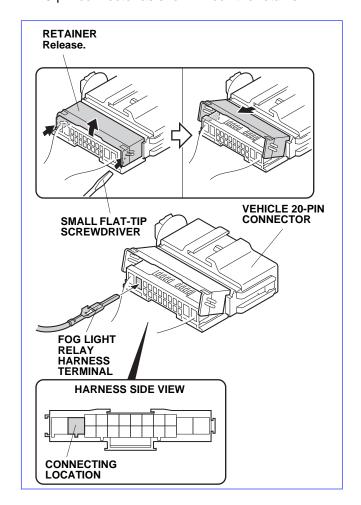
46. Remove the clip from the vehicle 20-pin connector, and install the supplied clip on the vehicle 20-pin connector.



47. Unplug the vehicle 20-pin connector.



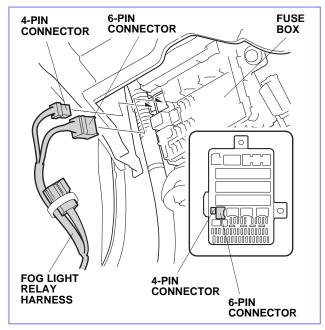
48. Using a small flat-tip screwdriver, release the retainer on the vehicle 20-pin connector. Insert the fog light relay harness terminal into the vehicle 20-pin connector as shown. Lock the retainer.



49. Reconnect the vehicle 20-pin connector, and reattach the other vehicle connector to the vehicle 20-pin connector. Clip the connectors onto the vehicle panel.

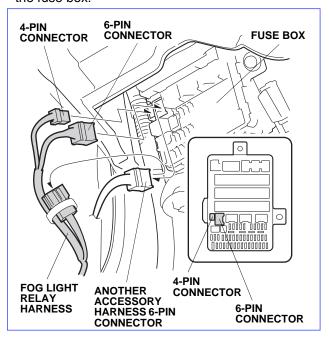
Without Another Accessory Harness 4-pin and 6-pin connectors

50. Plug the fog light relay harness 4-pin and 6-pin connectors into the fuse box. Go to step 53.



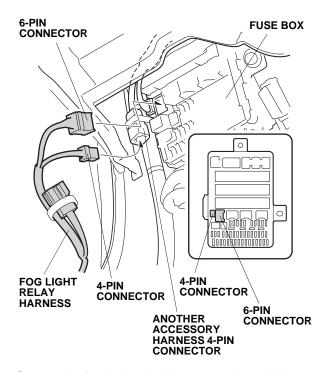
With Another Accessory Harness 6-pin connector

51. If the 6-pin connector is already used by another accessory, unplug the another accessory harness 6-pin connector from the fuse box and plug it into the fog light relay harness 6-pin connector. Plug the fog light relay harness 4-pin and 6-pin connectors into the fuse box.

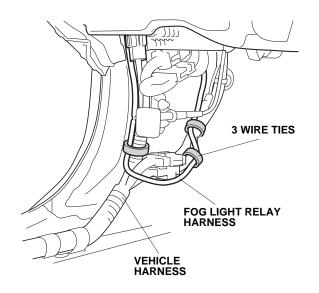


With Another Accessory Harness 4-pin connector

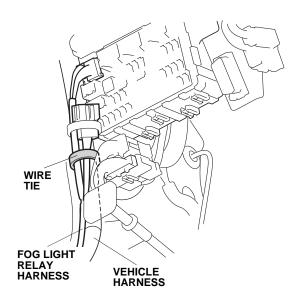
52. If the 4-pin connector is already used by another accessory, locate the 4-pin connector taped on another accessory harness. Plug the fog light relay harness 4-pin connector into another accessory harness.



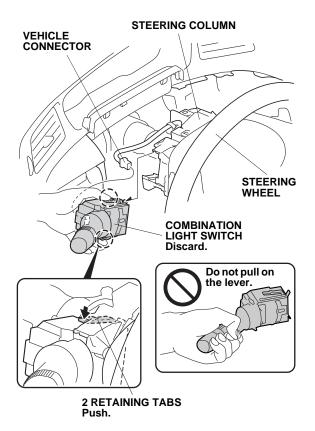
53. Secure the fog light relay harness to the vehicle harness with three wire ties.



54. Secure the fog light relay harness to the vehicle harness with one wire tie.

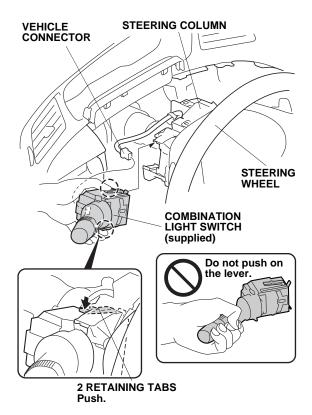


55. Unplug the vehicle connector from the combination light switch.



56. Push two retaining tabs, and slide the combination light switch out of the steering column. Do not pull on the lever.

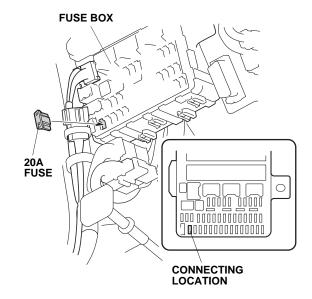
57. Install the supplied combination light switch onto the steering column. Do not push on the lever.



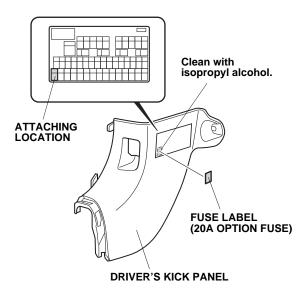
58. Plug the vehicle connector into the supplied combination light switch. Make sure the vehicle harness has some slack.

If a fuse is already installed in the fuse box, go to step 62. If not, continue to step 59.

59. Plug the 20A fuse into the fuse box.

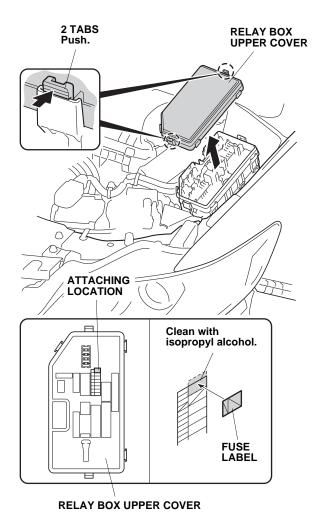


60. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the fuse label will attach.



61. Attach the fuse label to the driver's kick panel.

62. Remove the relay box upper cover (two tabs).

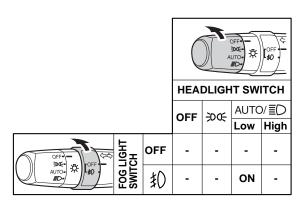


- 63. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the fuse label will attach.
- 64. Attach the fuse label to the relay box upper cover.
- 65. Check that all wire harnesses are routed properly and all connectors are plugged in.
- 66. Reinstall all removed parts.
- 67. Reconnect the negative cable to the battery and check the operation of all lights and other electrical accessories.
- 68. Press and hold the radio power button for two seconds to restore the radio and navi (if equipped) system functions.
- 69. Reset the clock (non-navi).

USE AND CARE

How to Operate the Fog Lights

- Turn on the fog light switch (indicator is on).

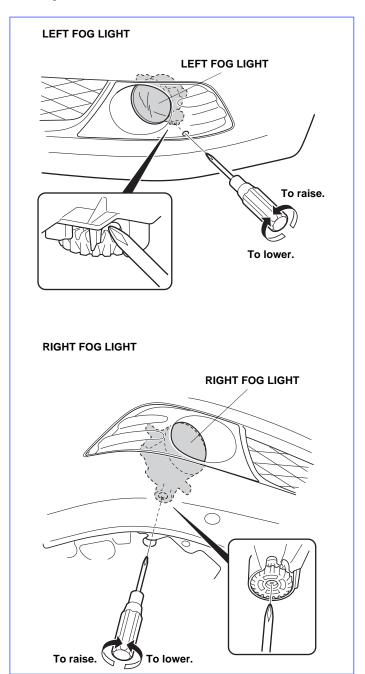


If the fog lights do not turn on, check the fuse and all the connectors, including the ground cable.

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

How to Aim the Fog Lights

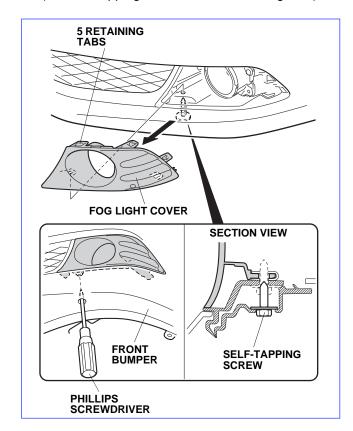
 Adjust the fog light aim by turning the adjustment screw in or out until the correct aim is obtained.
 Adjust the aim according to local laws and regulations.



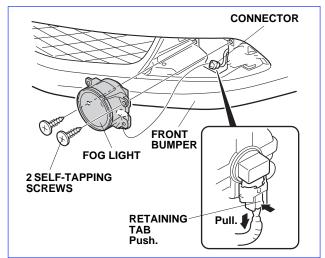
BULB REPLACEMENT

The illustration shows the left side of the vehicle.

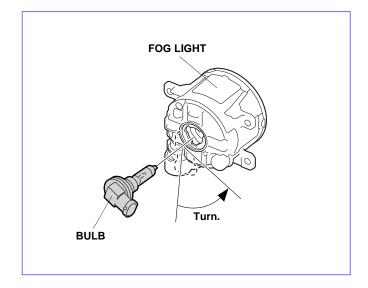
1. Remove the fog light cover from the front bumper (one self-tapping screw and five retaining tabs).



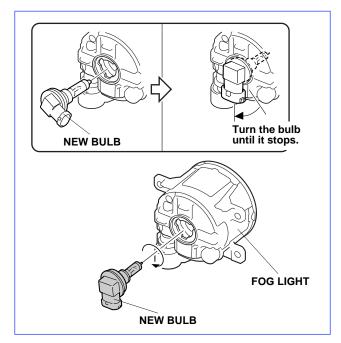
2. Remove the fog light from the front bumper (two self-tapping screws and unplug the connector).



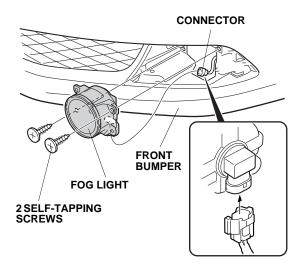
3. Remove the bulb from the fog light as shown.



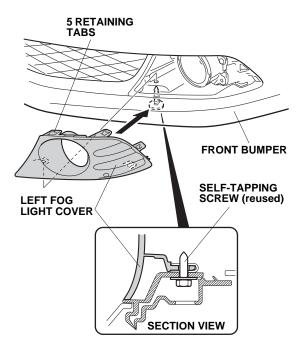
- 4. Install the new bulb into the fog light.
 - Use only the specified Honda genuine halogen light bulb.
 Rating: 12V 55W H11 Halogen Light Bulb P/N 33165-STK-A01
 - Do not touch the bulb. Oily or greasy substances on the bulb can shorten its service life due to the heat produced when the bulb is lit. 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 in the fog light with the tab on the new bulb and turn the new bulb clockwise until it locks. If the bulb is not properly installed, the fog light may annoy oncoming drivers.



5. Reinstall the fog light and tighten the two self-tapping screws securely. Make sure the wire harness is not pinched.



6. Reinstall the left fog light cover and tighten the self-tapping screw securely.



7. Check the operation of the fog light. Adjust the aim, if necessary.