

Accessory FOG LIGHTS

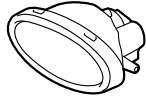
Application 2010 INSIGHT

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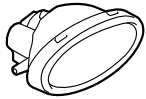
PARTS LIST

Fog Lights Kit
P/N 08V31-TM8-100

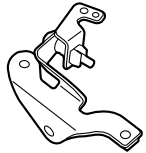
Left fog light



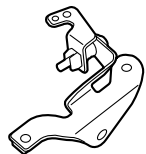
Right fog light



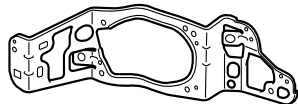
Left fog light bracket A



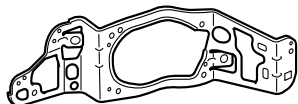
Right fog light bracket A



Left fog light bracket B



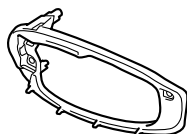
Right fog light bracket B



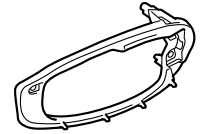
2 Fog light brackets C



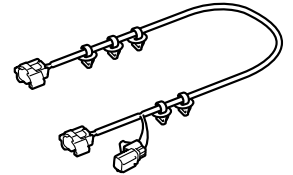
Left fog light bracket D



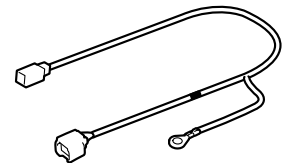
Right fog light bracket D



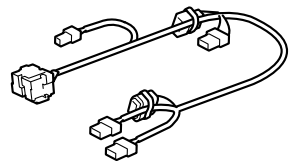
Fog light harness



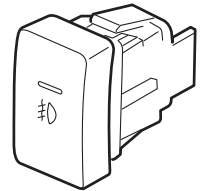
Subharness



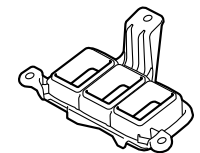
Switch harness



Switch



Switch trim



2 Lids



4 Screws, 4 mm (black)



2 Washer-screws, 4 x 8 mm



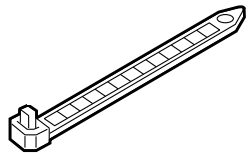
8 Washer-screws, 5 x 12 mm



12 Self-tapping screws, 5 x 16 mm



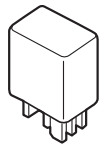
10 Wire ties



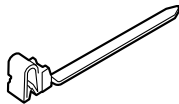
Connector holder



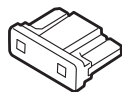
3 Relays



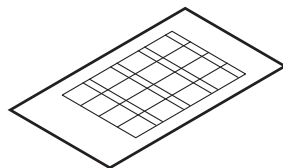
4 Wire ties with clip



Fuse (20 A)



Fuse label



Fog Light Trim Kit

Left fog light trim



Right fog light trim



Left bumper trim



Right bumper trim



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver

Flat-tip screwdriver

Diagonal cutters

Ratchet

10 mm Socket

10 mm Combination wrench

Blanket

Pushpin

Drill

20 mm Hole saw

3 mm Drill bit

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

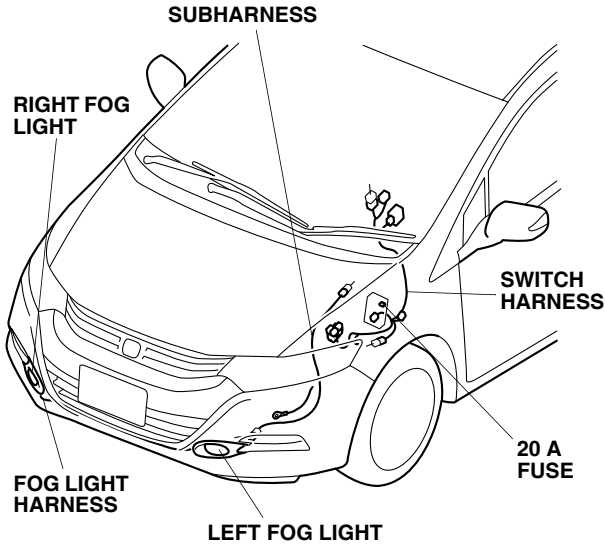
Isopropyl alcohol

Shop towel

Air saw

File

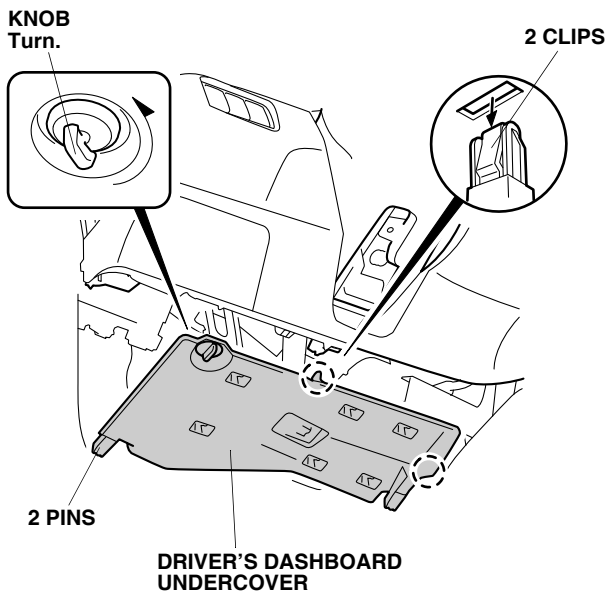
Illustration of the Fog Lights Installed on the Vehicle



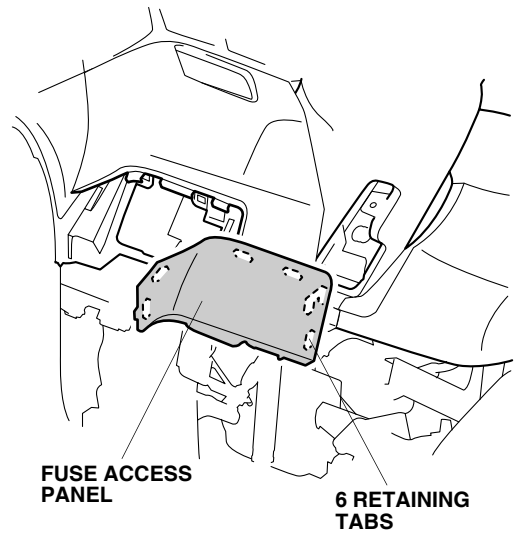
INSTALLATION

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.”

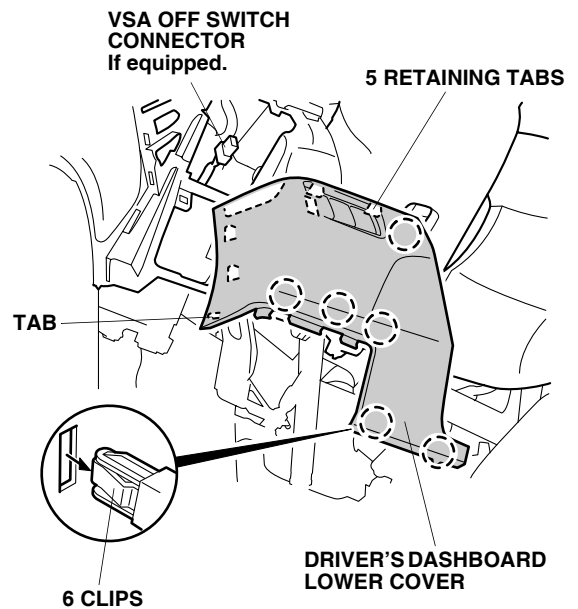
1. Make sure you have the anti-theft code for the audio unit or the audio-navigation unit.
2. Disconnect the negative cable from the battery.
3. Remove the driver’s dashboard undercover (turn the knob, two clips, and two pins).



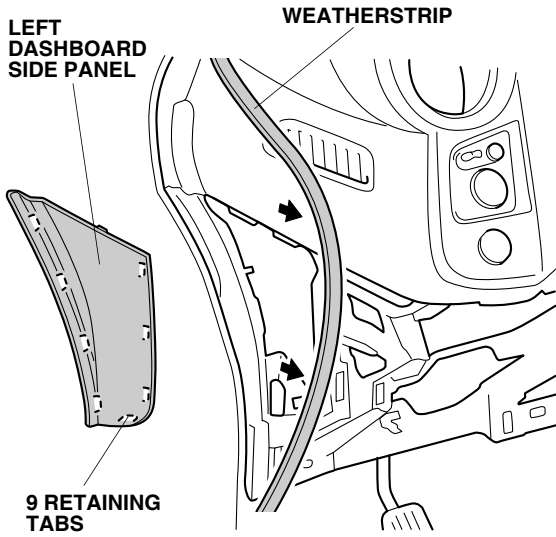
4. Remove the fuse access panel (six retaining tabs).



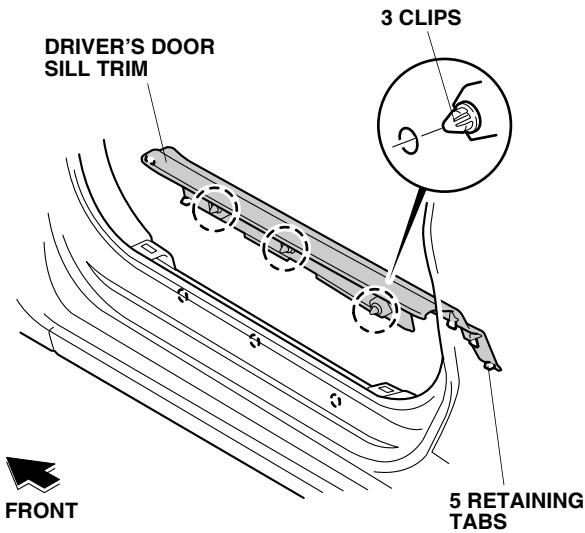
5. Remove the driver’s dashboard lower cover (six clips, five retaining tabs, and one tab). If equipped, unplug the VSA OFF switch connector.



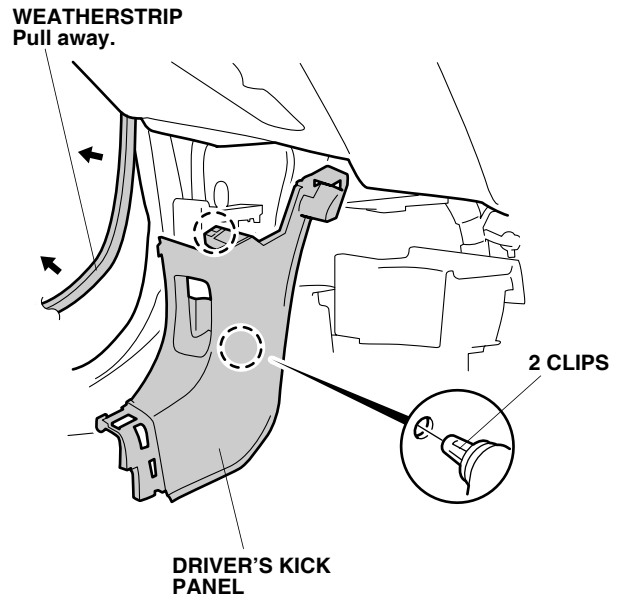
- Pull away the weatherstrip, and remove the left dashboard side panel by pulling out the trailing edge first (nine retaining tabs).



- Remove the driver's door sill trim by pulling up the top edge, then pulling out on trim (three clips and five retaining tabs).

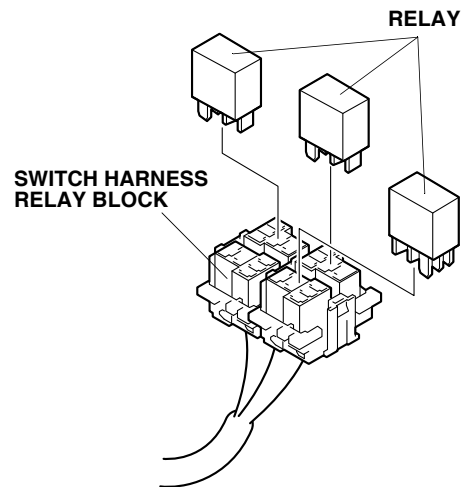


- Pull away the weatherstrip, and remove the driver's kick panel (two clips).

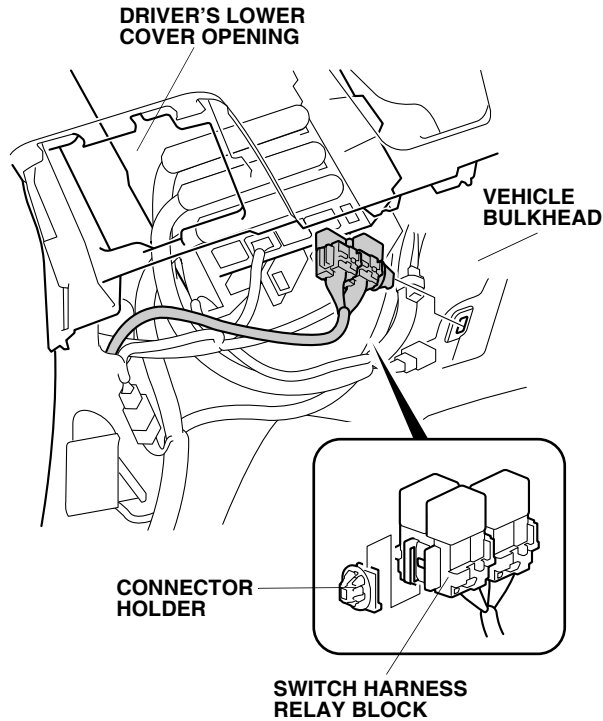


Routing the Switch Harness

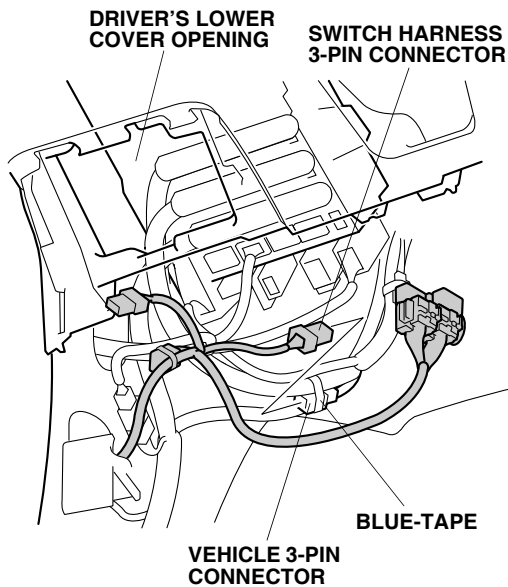
- Install three relays into the switch harness relay block.



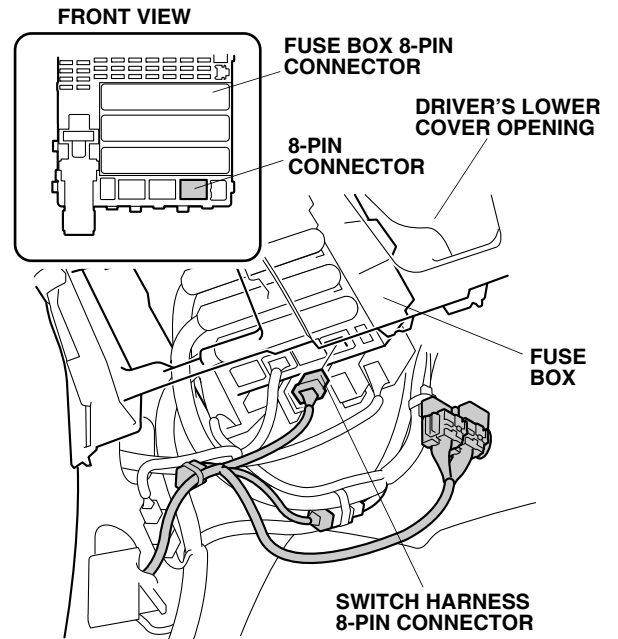
10. Install the connector holder onto the switch harness relay block, then secure the relay block to the vehicle bulkhead using the connector holder.



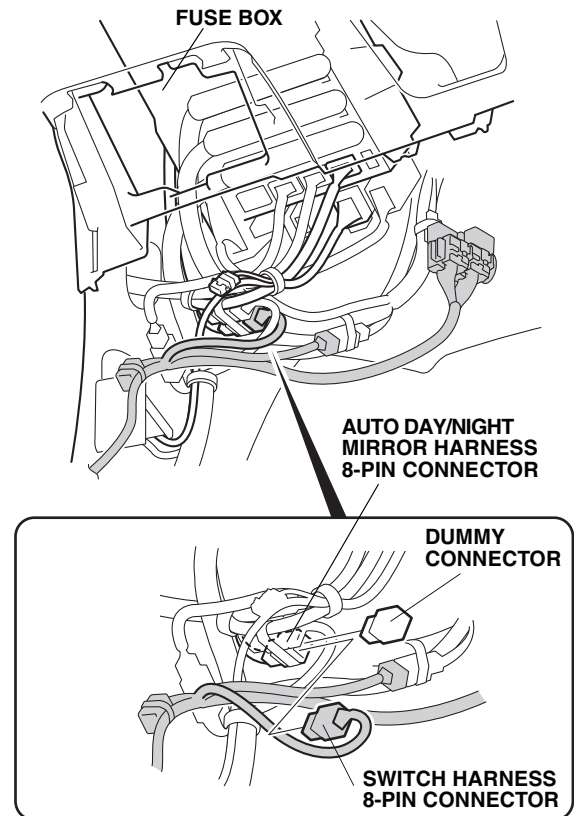
11. Locate the vehicle 3-pin connector blue-taped to the vehicle harness. Remove and discard the dummy connector from the vehicle 3-pin connector, and plug the switch harness 3-pin connector into the vehicle 3-pin connector.



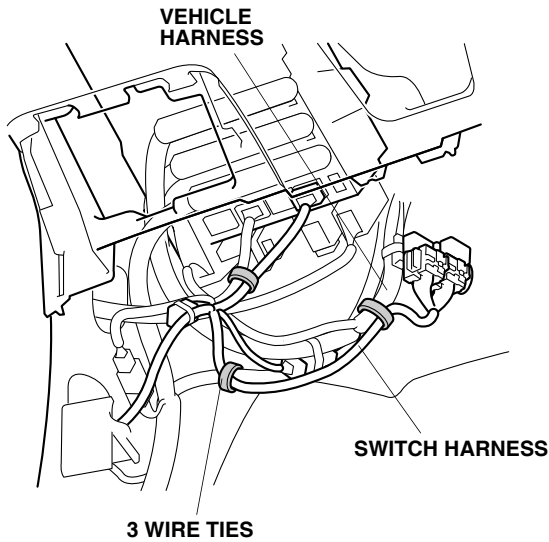
12. Route the switch harness 8-pin connector up, and plug it into the fuse box in the cavity shown.



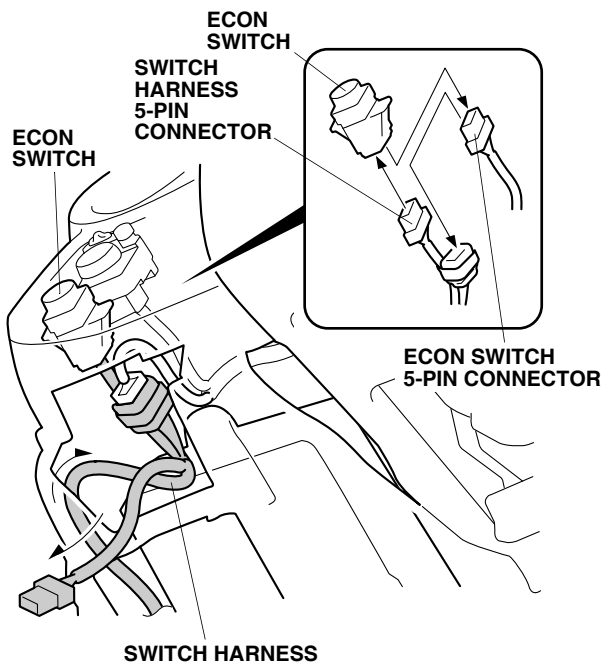
NOTE: If the vehicle is equipped with an auto day/night mirror, remove the dummy connector from the auto day/night mirror harness, and plug the fog light harness into the auto day/night mirror harness.



13. Secure the switch harness to the vehicle harness with three wire ties.

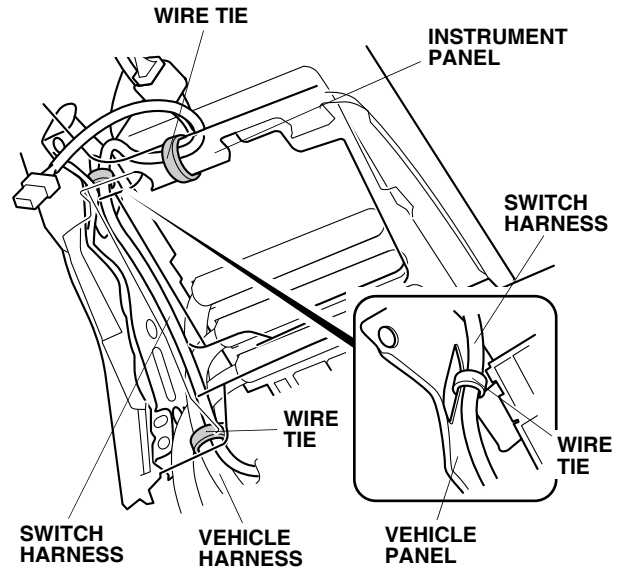


14. Route the switch harness 5-pin connector up to the ECON switch as shown.



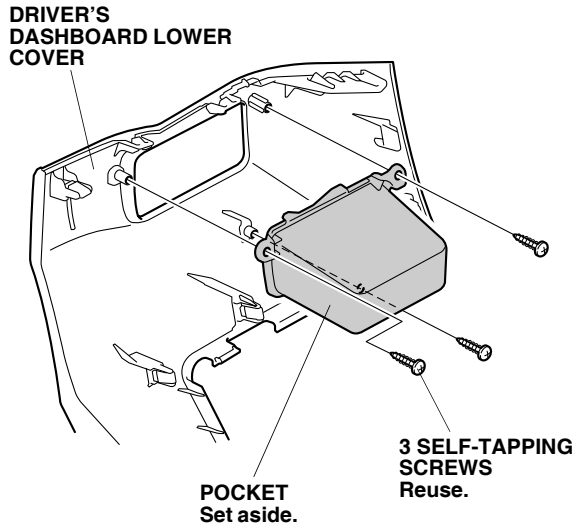
15. Unplug the econ switch 5-pin connector, and plug the switch harness 5-pin connector into the econ switch. Plug the econ switch 5-pin connector into the switch harness 5-pin connector.

16. Secure the switch harness to the instrument panel, vehicle panel, and to the vehicle harness with three wire ties in the areas shown.

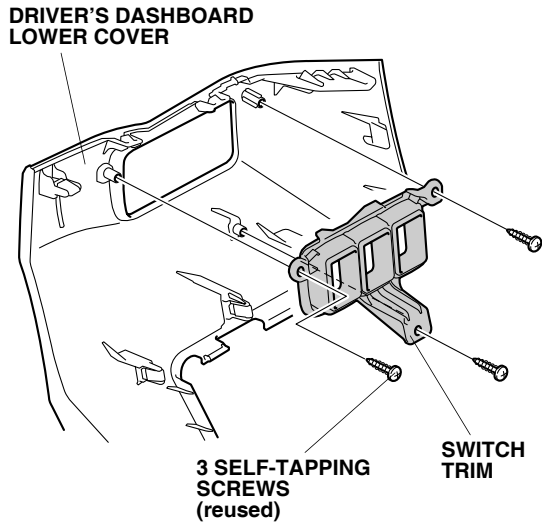


If the vehicle is equipped with a pocket, continue with step 17; otherwise, go to step 20.

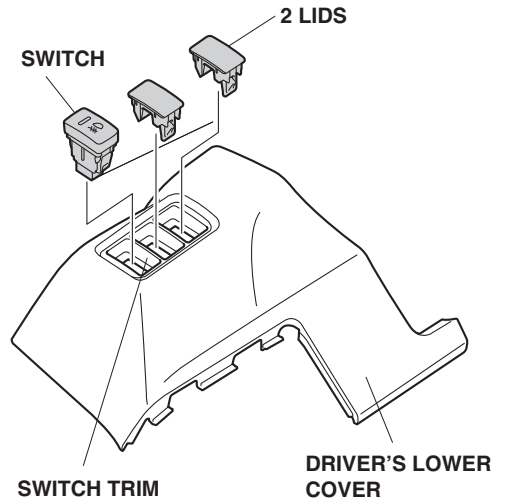
17. Remove the pocket (three self-tapping screws). Set the screws aside; the pocket will not be reused.



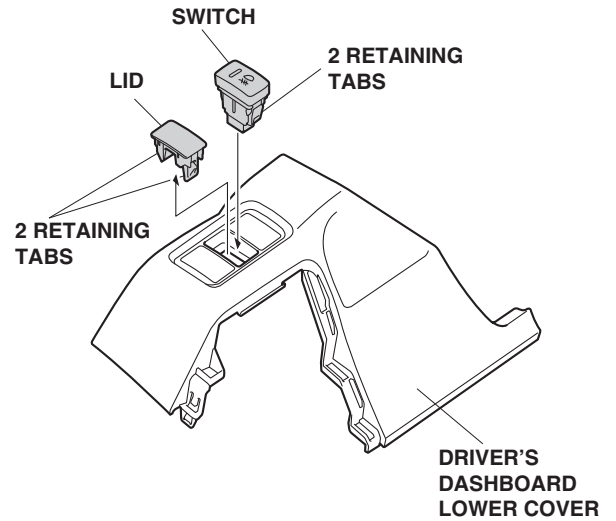
18. Install the switch trim to the driver's dashboard lower cover with the three self-tapping screws from step 17.



19. Install the switch and two lids to the switch trim. Go to step 22.

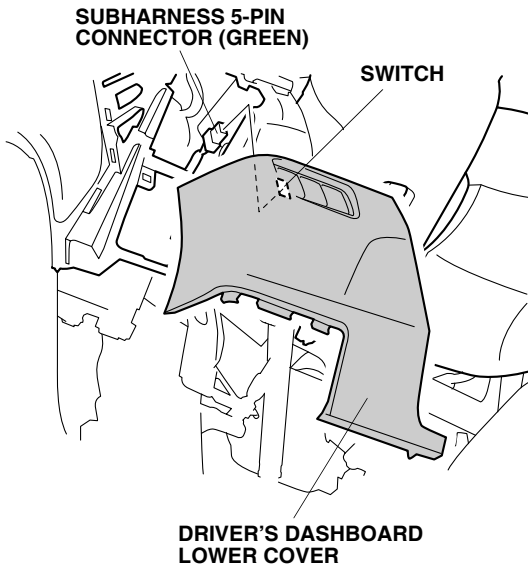


20. Remove the center lid (two retaining tabs).

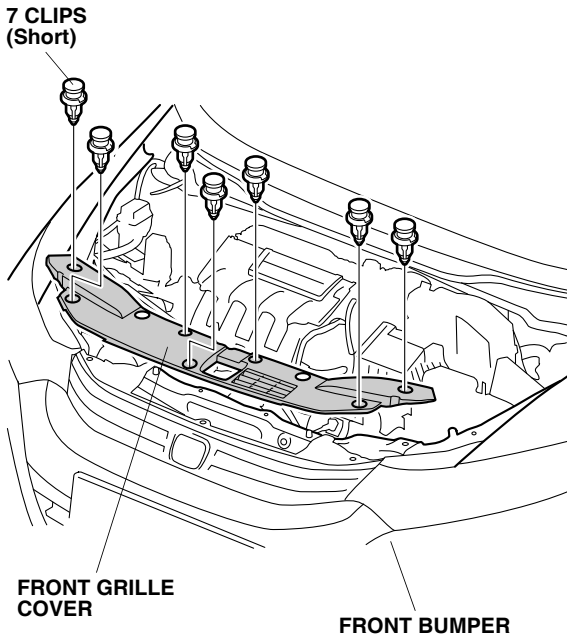


21. Install the switch to the driver's dashboard lower cover in the center slot.

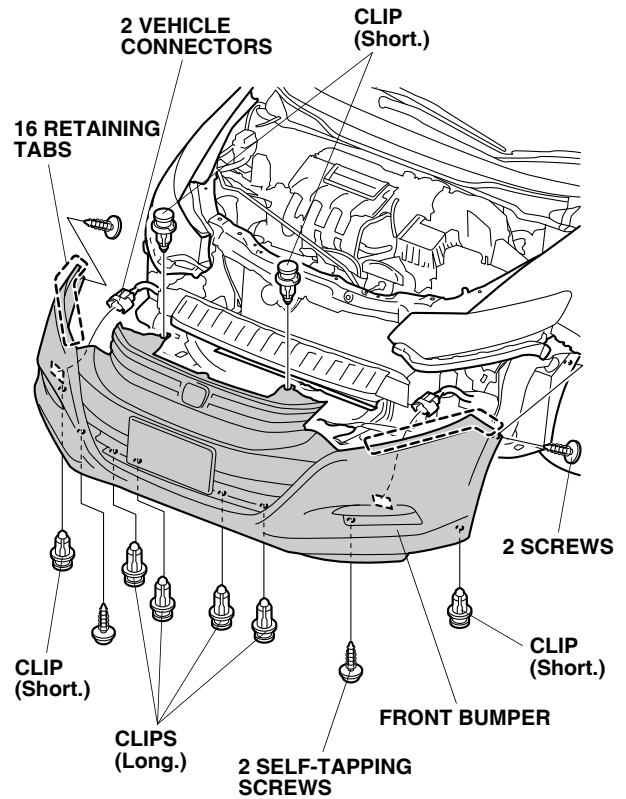
22. Plug the subharness 5-pin connector (green) into the switch.



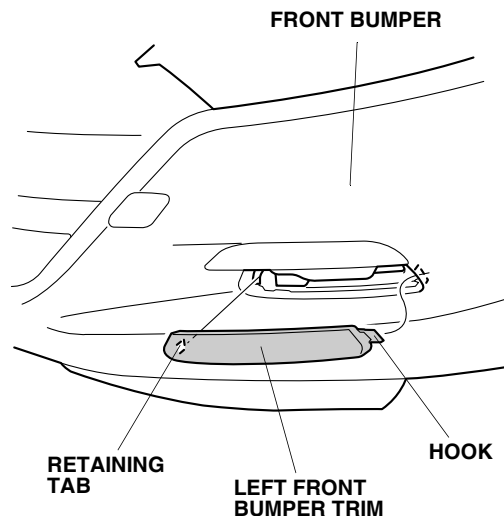
23. Reinstall the left dashboard side cover.
 24. Reinstall the driver's dashboard lower cover.
 25. Remove the front grille cover (seven clips).



26. Remove the front bumper:
- Remove the eight clips and four self-tapping screws.
 - With the help of an assistant, pull the bumper forward to carefully release the 16 clips (eight on each side). Unplug the two connectors and remove the bumper.
 - Place the front bumper on a blanket to prevent damage.

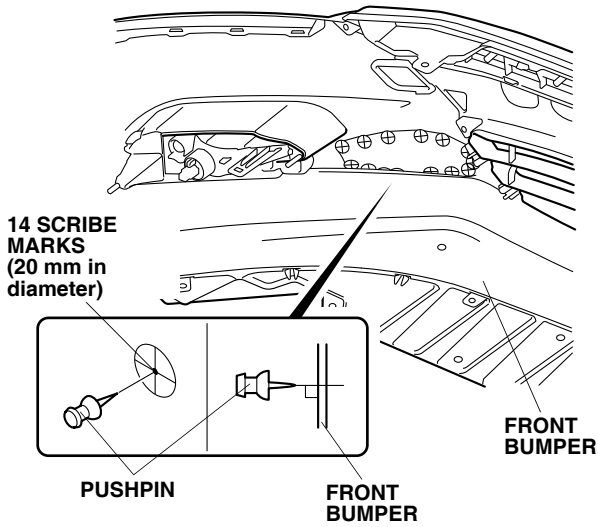


27. Remove the left front bumper trim (one retaining tab and one hook; will not be reused).



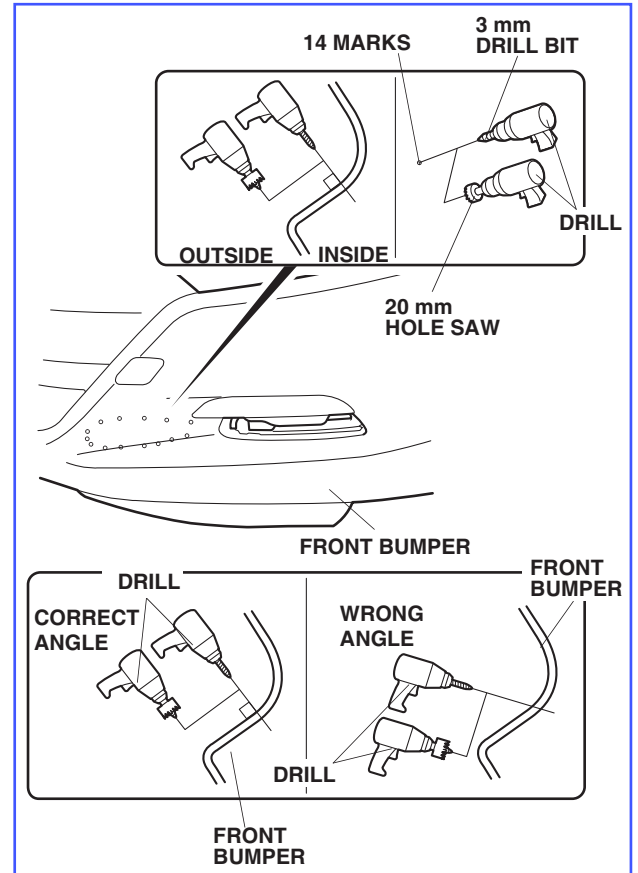
Cutting the Front Bumper

28. Using a pushpin, locate and pierce the centers of the 14 scribe marks (20 mm in diameter) located on the inside of the bumper.

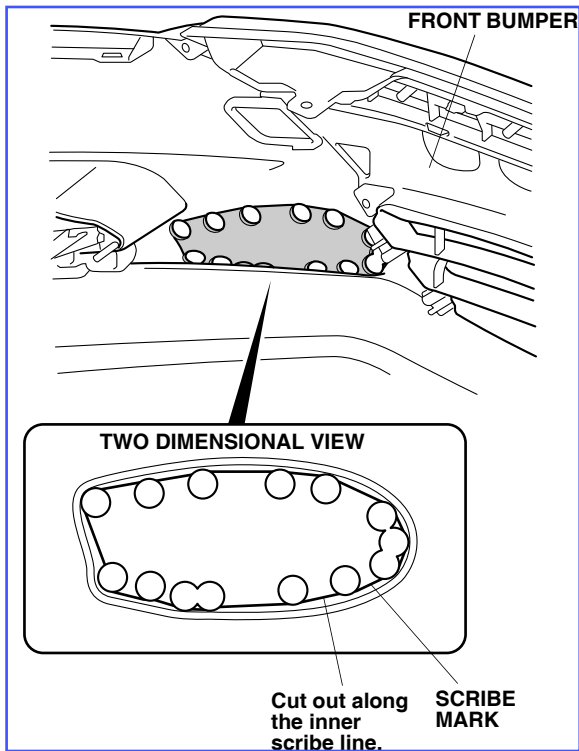


29. While wearing eye protection, drill the front bumper:

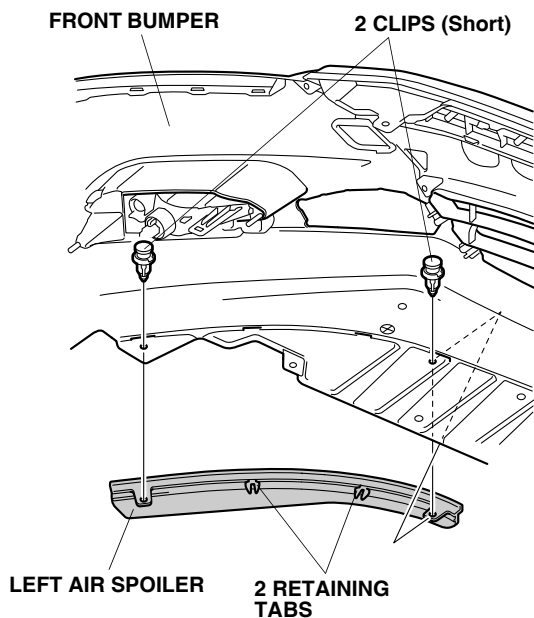
- From the painted side of the bumper, drill each pierced mark using a 3 mm drill bit. Make sure you drill perpendicular to the bumper surface.
- Again, from the painted side of the bumper, enlarge each 3 mm hole to 20 mm using a 20 mm hole saw. Make sure you drill perpendicular to the bumper surface.



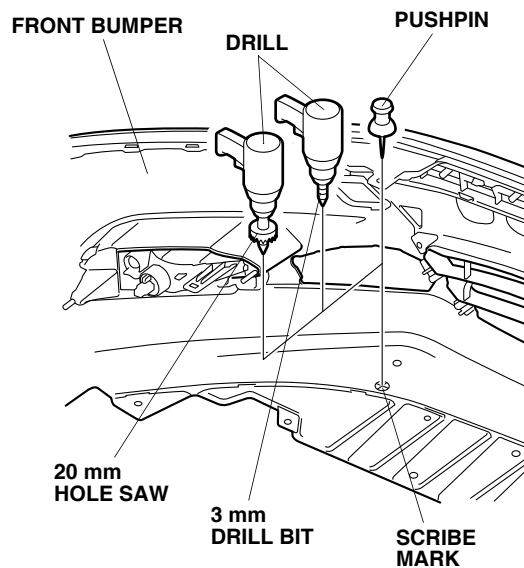
30. Using an air saw, carefully cut out the front bumper along the **inner** scribe mark.
 NOTE: If you cut outside of the inner scribe mark, the fog light trim will not cover the entire hole.



31. Remove the left air spoiler (two short clips and two retaining tabs).



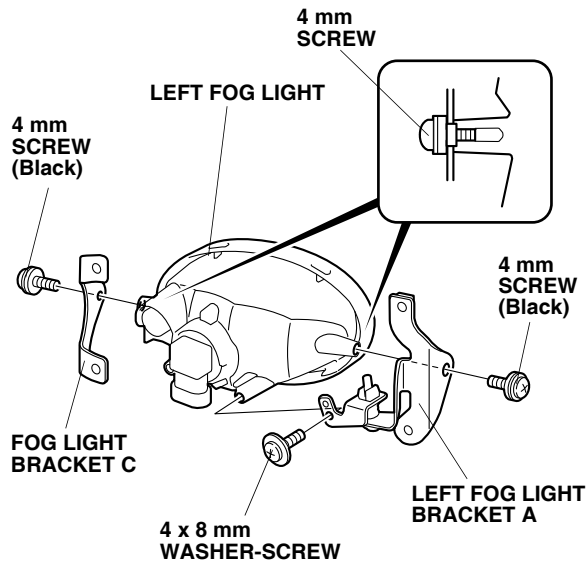
32. Using a pushpin, locate and pierce the center of each 20 mm scribe mark located on the inside of the front bumper.
 NOTE: Do not pierce the 10 mm scribe marks located nearby.



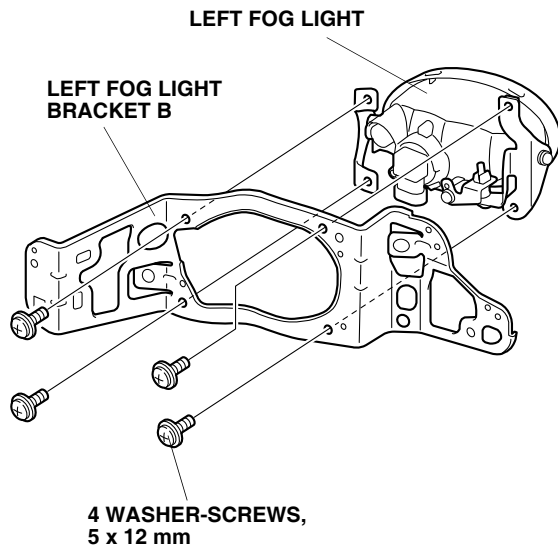
33. While wearing eye protection, drill the pierced mark with a 3 mm drill bit and finish with a 20 mm hole saw. Remove any burrs.
 34. Repeat steps 28 through 33 to drill and cut the bumper on the right side of the vehicle.

Installing the Fog Light

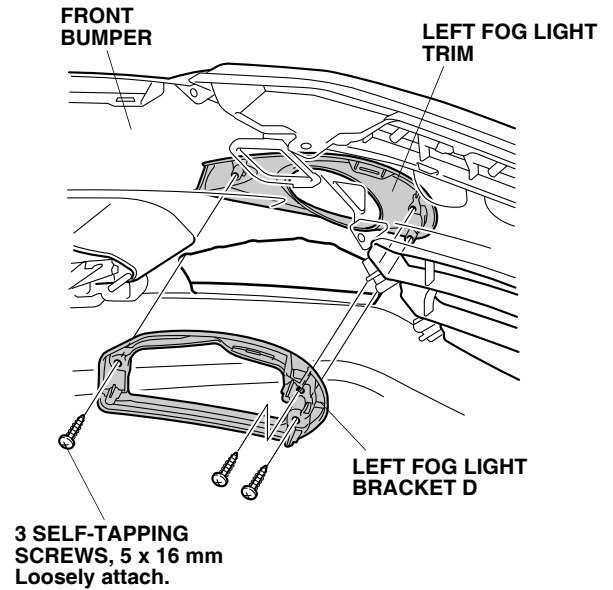
35. Install the left fog light bracket A to the left fog light with one 4 mm screw (black) and one 4 x 8 mm washer-screw.



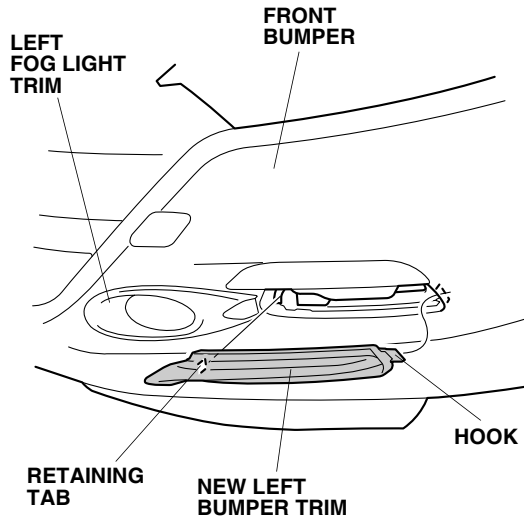
36. Install the left fog light bracket C to the left fog light with one 4 mm screw.
37. Install the left fog light bracket B to the left fog light with four 5 x 12 mm washer-screws.



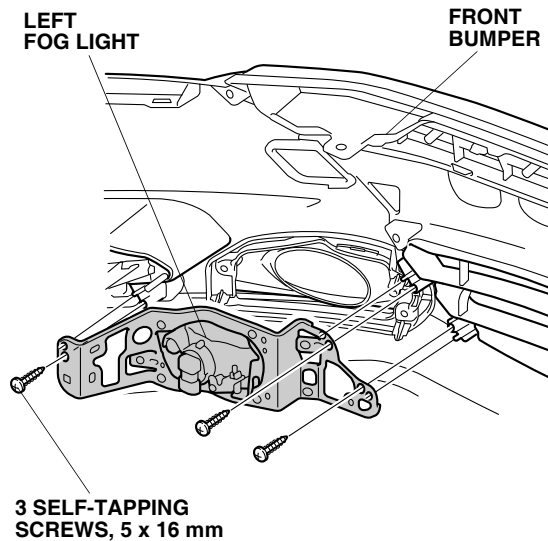
38. Loosely attach the left fog light bracket D and the left fog light trim to the front bumper with three 5 x 16 mm self-tapping screws.



39. Install the new left bumper trim to the front bumper with one hook and one retaining tab.



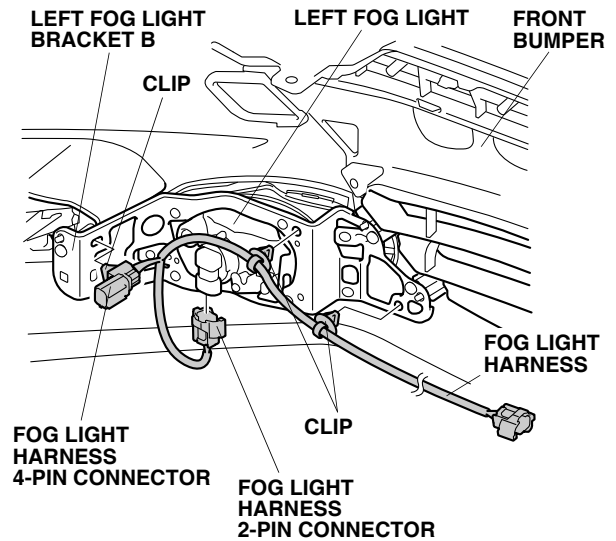
40. Tighten the three 5 x 16 mm self-tapping screws you loosely installed in step 38.



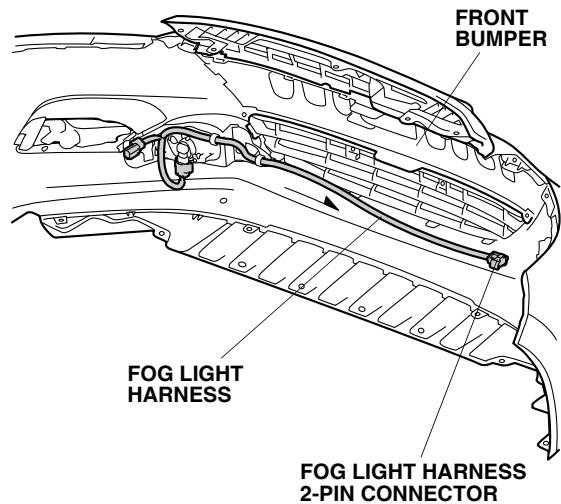
41. Install the left fog light to the front bumper with three 5 x 16 mm self-tapping screws.
42. Repeat steps 35 through 41 to install the fog light on the right side of the vehicle.

Routing the Fog Light Harness

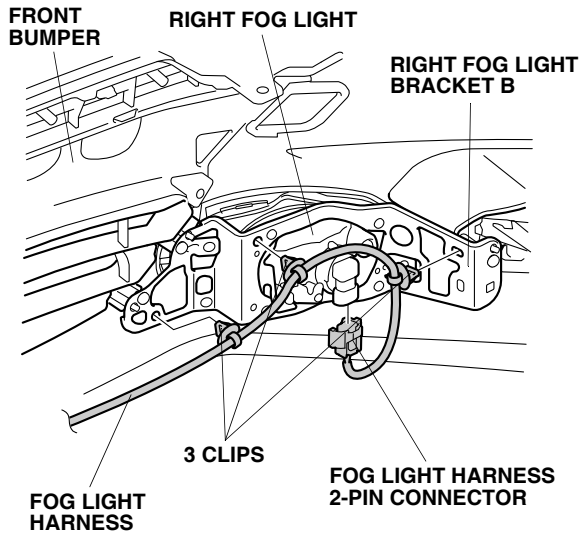
43. Get the fog light harness. Attach the clip from the four pin connector to the clip hole in the left fog light bracket B.



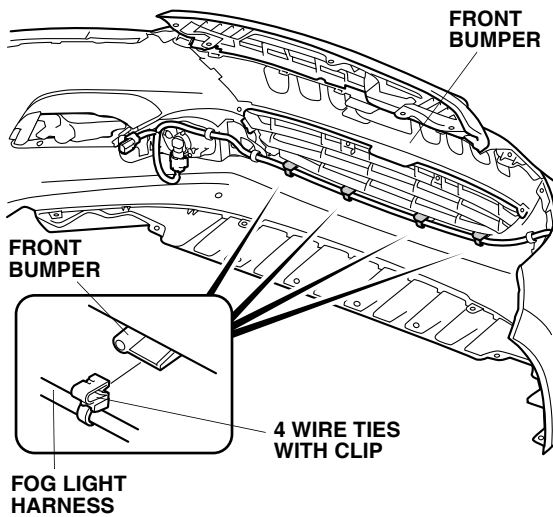
44. Plug the fog light harness 2-pin connector into the left fog light, and attach the two remaining clips to the holes in the fog light bracket.
45. Route the fog light harness to the right side of the front bumper as shown.



46. Attach the clip from the 4-pin connector to the clip on the right fog light bracket B.

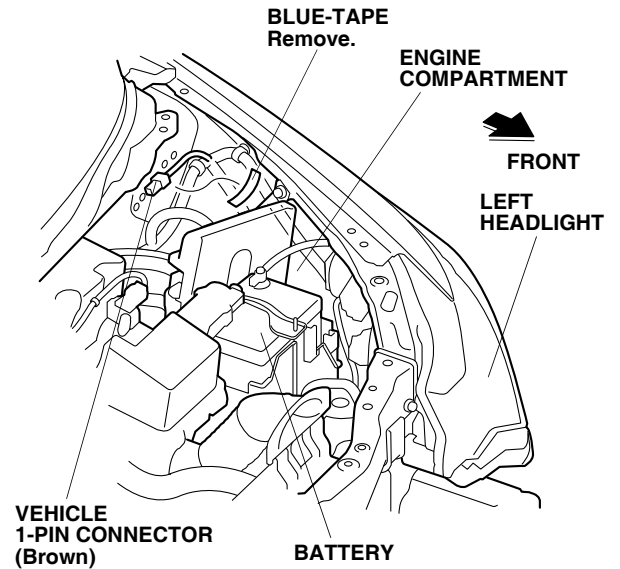


47. Plug the fog light harness 2-pin connector into the right fog light, and attach the two remaining clips to the holes in the fog light bracket.
48. Secure the fog light harness to the front bumper with four wire ties with clip, then trim the excess from the wire ties.

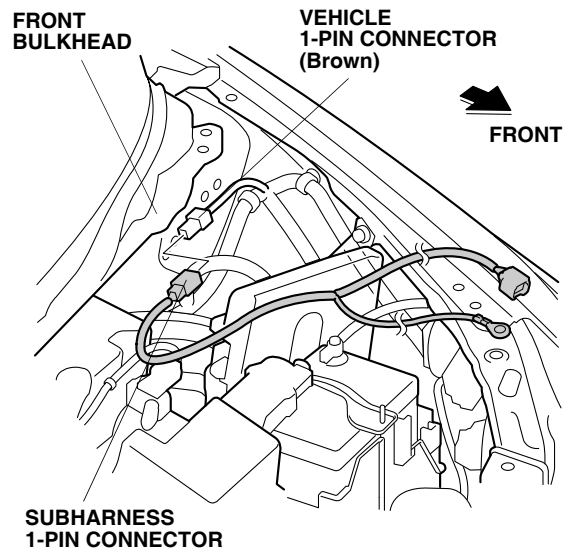


Routing the Subharness

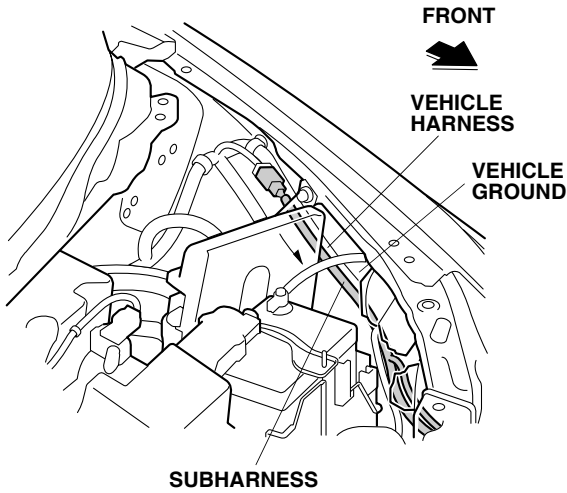
49. Locate the 1-pin connector (brown) blue-tape to the vehicle harness. Remove the blue-tape to free the 1-pin connector.



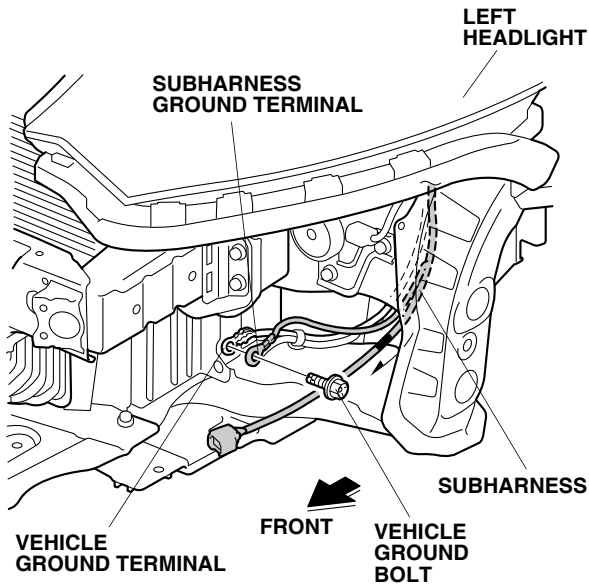
50. Plug the subharness 1-pin connector into the vehicle 1-pin connector.



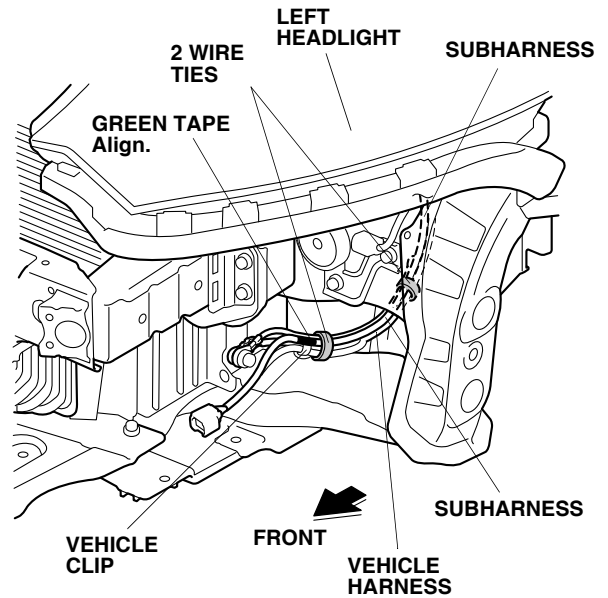
51. Route the subharness down and forward along the vehicle harness following the main ground wires.



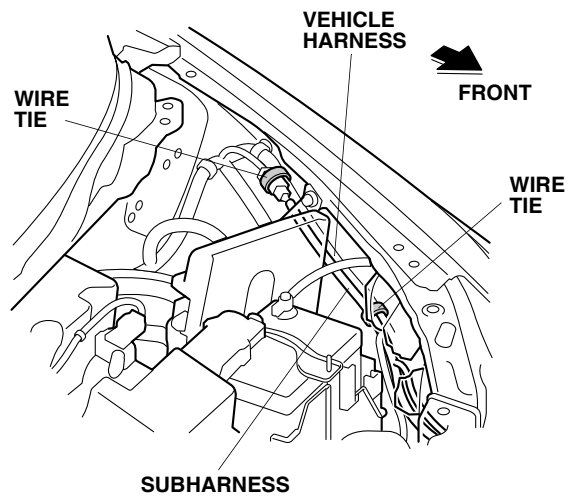
52. Remove the vehicle ground bolt, and attach the subharness ground terminal to the main vehicle ground terminal. Reinstall the vehicle ground bolt.



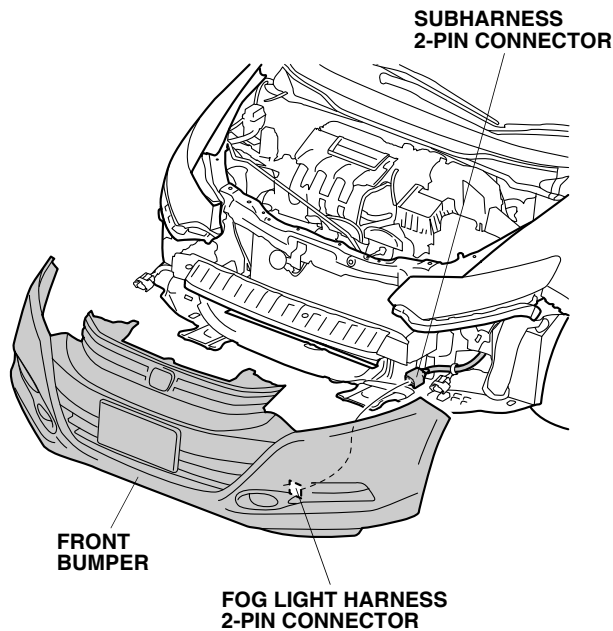
53. Align the green tape on the subharness with the vehicle clip, and secure the subharness to the vehicle harness with one wire tie.



54. Secure the subharness to the vehicle harness with an additional wire tie.
55. Inside the engine compartment, secure the subharness to the vehicle harness with two wire ties.

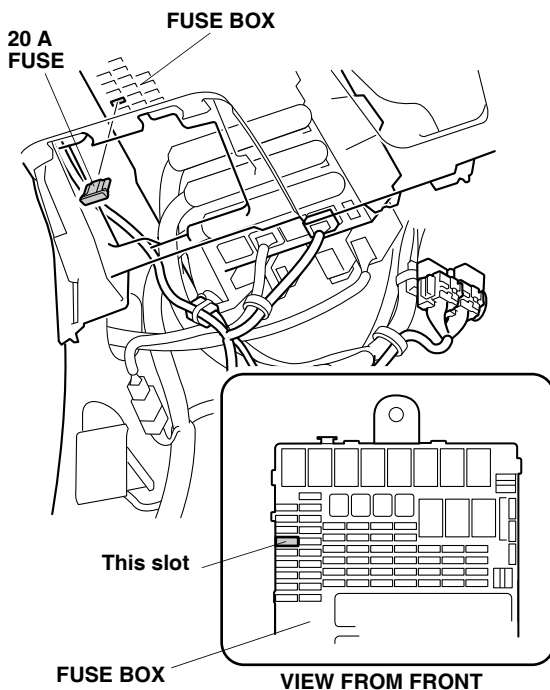


56. With the help of an assistant, bring the front bumper close to the vehicle and plug the subharness 2-pin connector into the fog light harness 2-pin connector. Reinstall the front bumper.



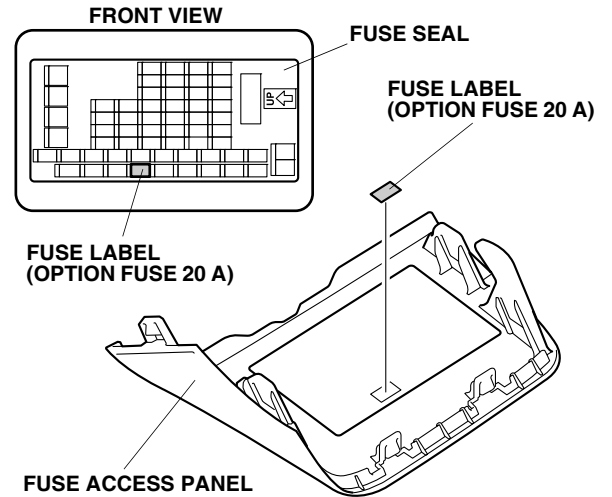
Installing the Fuse

57. If a fuse is already installed in the fuse box, go to step 58, otherwise install the 20 A fuse into the fuse box.



Attach the Fuse Label


58. If the option fuse 20 A label is already attached to the fuse seal, go to step 59, otherwise using isopropyl alcohol on a shop towel, thoroughly clean the area where the fuse label will attach. Attach the 20 A fuse label to the fuse access panel.

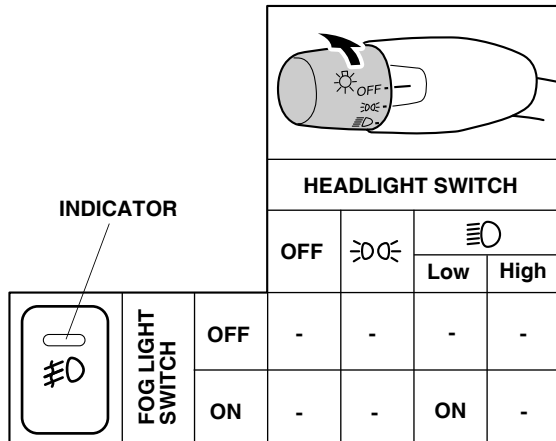


59. Check that all wire harnesses are routed properly and all connectors are plugged in.
60. Reinstall all removed parts. Check that all clips and fasteners are installed securely.
61. Reconnect the negative cable to the battery.
62. Enter the anti-theft code for the audio unit or the audio-navigation unit, then reset the clock.

USE AND CARE

How to Operate the Fog Lights

- Turn the headlight switch to the “D” position (headlights on low beam).
- Press the fog light switch on (indicator is on).

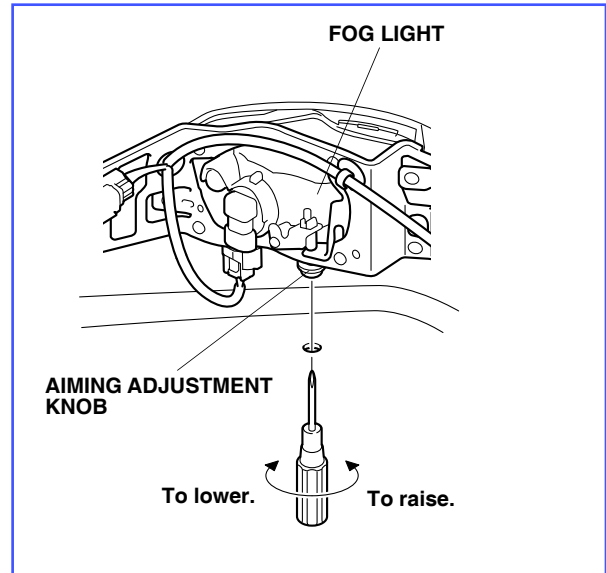


NOTE: The fog light lenses can cloud when the outside temperature is cold; this is normal and should go away in warm weather.

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

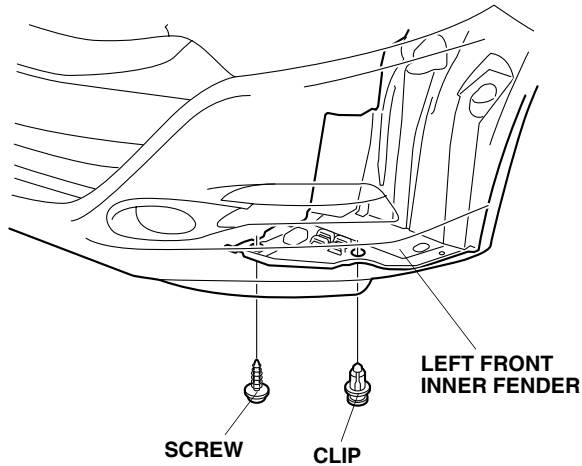
Fog Light Aiming Adjustment

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

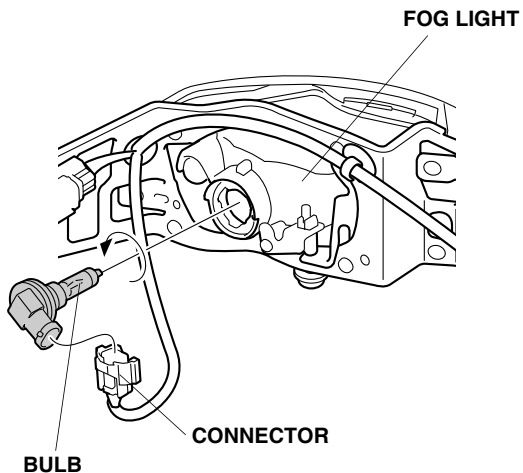


BULB REPLACEMENT

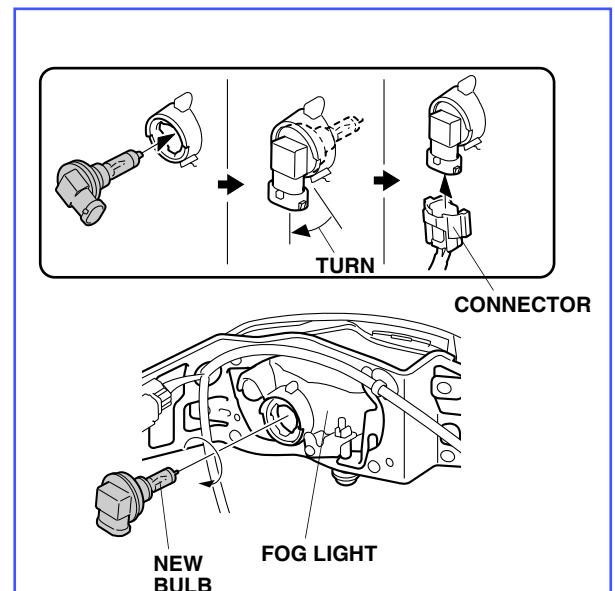
1. Release the left front inner fender (one screw and one clip).



2. Insert your hand inside of the left front inner fender, unplug the connector from the fog light. Remove the bulb by turning the assembly 1/4 turn counterclockwise.



3. Install the new bulb to the fog light.
 - Use only a Honda Genuine 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 touched accidentally, wipe it clean with a soft cloth that has been dampened with a 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 assembly clockwise until it stops turning. If not properly aligned, the fog light may annoy oncoming driver's.



4. Reinstall all removed parts. Check that the wire harness is not pinched. Be sure to tighten the clip and bolts securely.
5. Check the operation of the fog light; adjust the aiming if necessary.