

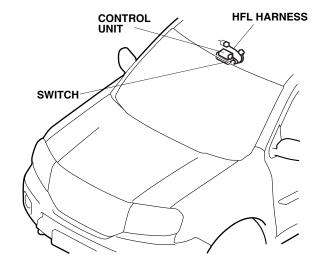
Accessory User's Information Manual

Illustration of the HFL Installed on the Vehicle



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver Flat-tip screwdriver Shop towel **Diagonal cutters** Ratchet 10 mm Socket 10 mm Combination wrench Utility Knife Felt-tip pen Tape Pushpin Drill 3 mm, 4.5 mm, and 9 mm Drill bits 19 mm Hole saw Scissors Plastic trim tool T/N SILTRIMTL 10 Eye protection Isopropyl alcohol

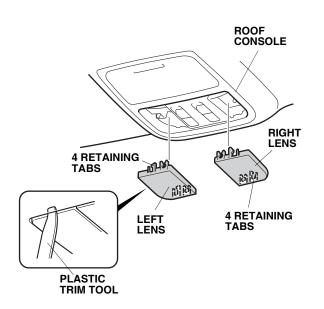


INSTALLATION

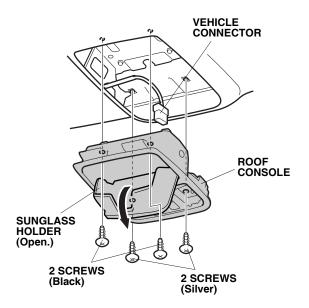
Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

- 1. Make sure you have the anti-theft code for the audio system or the navigation system (if equipped).
- 2. Disconnect the negative cable from the battery.

3. Using a plastic trim tool, disengage the eight retaining tabs and remove the left and right lens from the roof console.

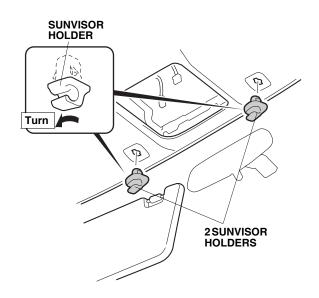


4. Open the sunglass holder.



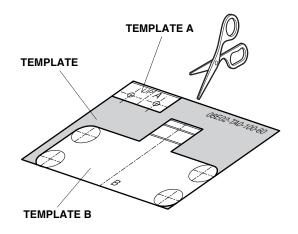
5. Remove the two black screws and the two silver screws and let the roof console drop down. Unplug the vehicle connector and remove the roof console.

6. Rotate the sunvisor holder counterclockwise 45°, and remove the two sunvisor holders.

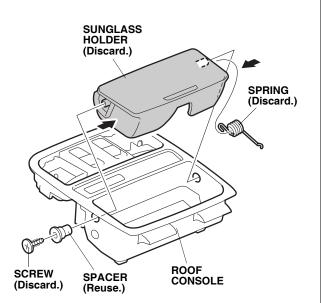


Installing the Control Unit and Routing the Harness

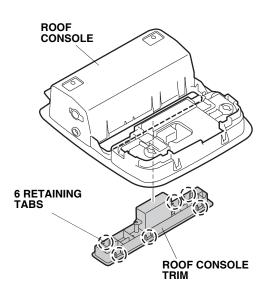
7. Using scissors, cut out template A and template B.



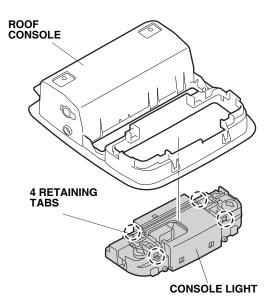
8. Remove the sunglass holder from the roof console (one screw, one spacer and one spring).



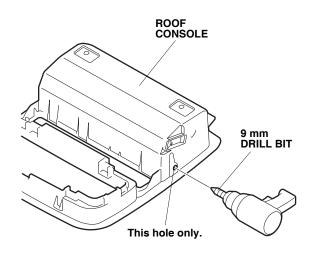
9. Remove the roof console trim from the roof console (six retaining tabs).



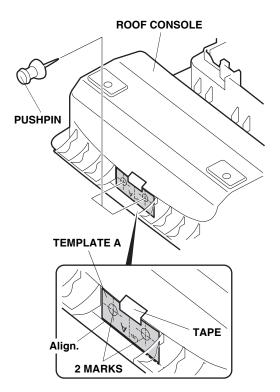
10. Remove the console light from the roof console (four retaining tabs).



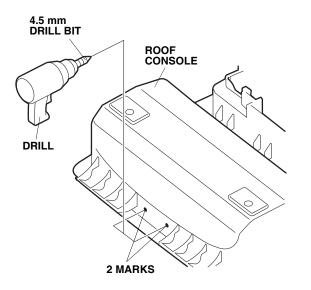
 While wearing eye protection, widen the sunglass holder installation hole on the roof console with a 9 mm drill bit. Remove any burrs from the edge of the hole.



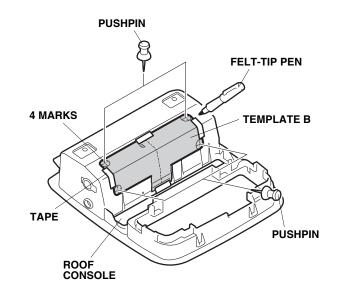
12. Tape the template A to the roof console at the indicated position.



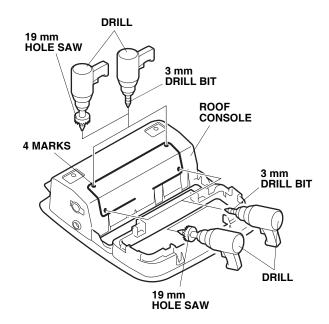
- 13. Using a pushpin, mark the roof console as indicated on the template A. Remove the template A.
- 14. While wearing eye protection, drill the two marked locations to 4.5 mm. Remove any burrs.



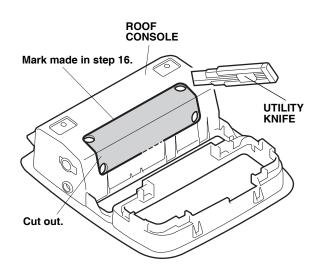
15. Tape the template B to the roof console at the indicated position.



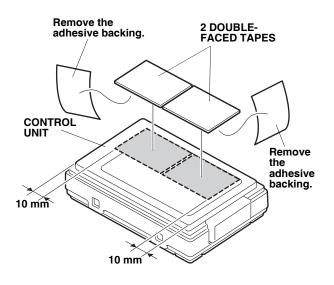
- 16. Using a pushpin, mark the roof console as indicated on the template B. Using a felt-tip pen, mark the roof console around the template B. Remove the template B.
- 17. While wearing eye protection, drill the four marked locations to 19 mm. First drill with a 3 mm drill bit and finish with a 19 mm hole saw.



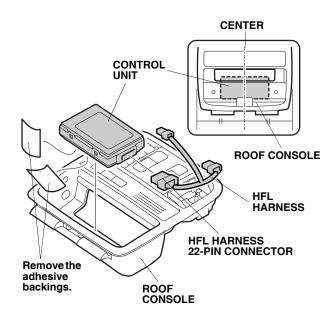
18. Using a utility knife, cut along the marking made on the roof console in step 16. After cutting, remove any burrs.



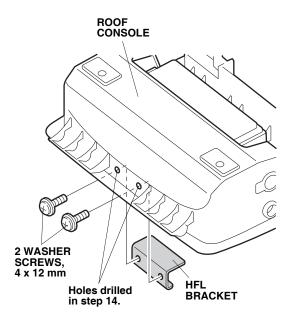
- 19. Reinstall the console light and roof console trim to the roof console.
- 20. Using isopropyl alcohol on a shop towel, clean the areas where the double-faced tapes will attach. Remove the adhesive backings from two double-faced tapes and attach the two double-faced tapes at the measurements shown.



21. Plug the HFL harness 22-pin connector into the control unit.

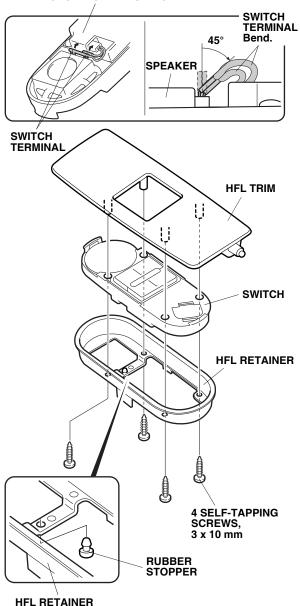


- 22. Using isopropyl alcohol on a shop towel, clean the areas where the double-faced tapes will attach. Remove the adhesive backings from the two double-faced tapes and attach control unit to the roof console as indicated.
- 23. Using the holes drilled in step 14, secure the HFL bracket to the roof console with two 4 x 12 mm washer screws.



Installing the Switch

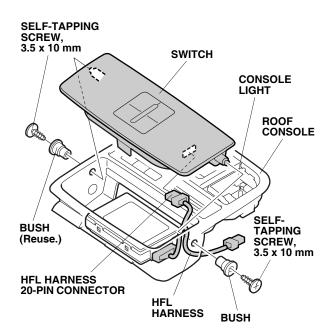
24. Insert the rubber stopper to the HFL retainer.



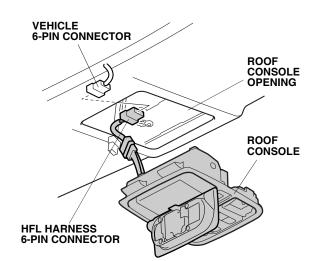
BACKSIDE OF THE SWITCH

25. Assemble the HFL retainer, switch, and HFL trim with four 3 x 10 mm self-tapping screws.

26. Reinstall the console light, trim and unit to the roof console.



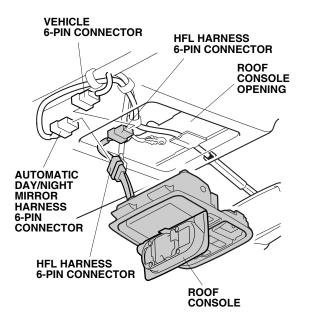
- 27. Plug the HFL harness 20-pin connector into the switch.
- 28. Install the switch assembly from step 25 to the roof console with two 3.5 x 10 mm self-tapping screws and two bushes.
- 29. Locate the vehicle 6-pin connector (white) blue tape. Plug the HFL harness 6-pin connector into the vehicle 6-pin connector.



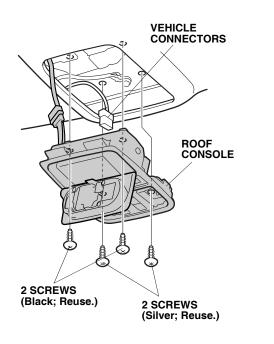
If the vehicle is not equipped with the automatic day/ night mirror harness, go to step 31.

If the vehicle is equipped with the automatic day/night mirror harness, go to step 30.

30. Unplug the automatic day/night mirror harness 6-pin connector from the vehicle 6-pin connector, and plug the automatic day/night mirror harness to the HFL harness 6-pin connector as shown. Plug the HFL 6-pin connector to the vehicle 6-pin connector.



31. Plug the vehicle connectors to the roof console. Reuse the two screws (Black) and the two screws (Silver) to reinstall the roof console.



- 32. Check that all wire harnesses are routed properly and all connectors are plugged in.
- 33. Reinstall all removed parts. Check that all clips and other fasteners are installed securely.
- 34. Reconnect the negative cable to the battery.
- 35. Enter the customer's audio system or navigation system (if equipped) anti-theft code.
- 36. Reset the clock (for vehicles without navigation).