



INSTALLATION INSTRUCTIONS

Accessory
ENGINE BLOCK HEATER

Application
2011 INSIGHT

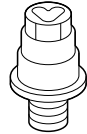
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NOV 2010

PARTS LIST

**Engine Block Heater Kit
P/N 08T44-SNA-101**

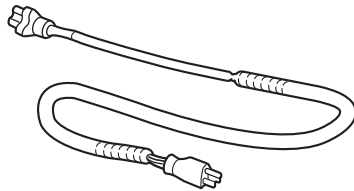
Engine block heater



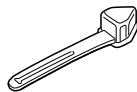
Aluminum washer



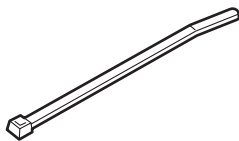
Heater harness



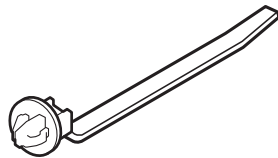
Protective cap



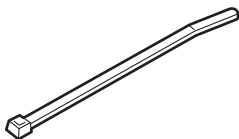
12 Black wire ties
(3 Not used)



7 Wire ties with clips
(2 Not used)



5 White wire ties
(Not used)

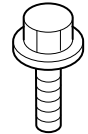


**Engine Block Heater Bracket Kit
P/N 08T44-TK6-100**

Engine block heater bracket



Washer-bolt, 6 x 12 mm



TOOLS AND SUPPLIES REQUIRED

Ratchet

19 mm and 24 mm Sockets

10 mm Wrench

Torque wrench

Diagonal cutters

Heavy gloves

Drain pan

Tape measure

White marker

Honda All Season Antifreeze/Coolant Type 2

Fender cover

Pushpin

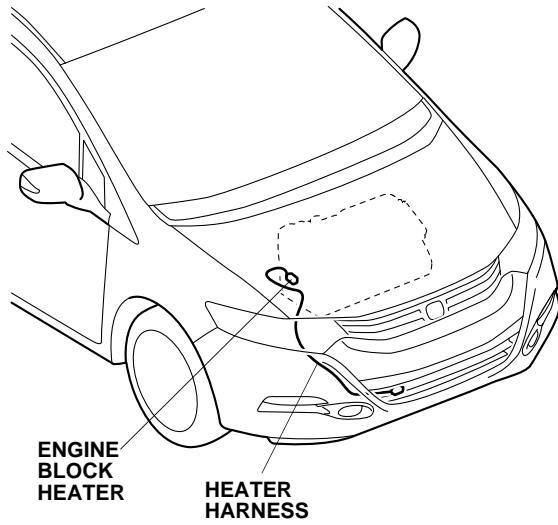
Drill

3 mm and 7 mm Drill bits

Blanket

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

Illustration of the Engine Block Heater Installed on the Vehicle



INSTALLATION

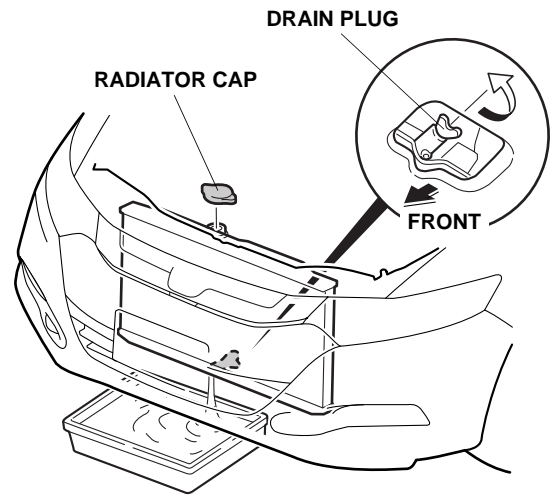
NOTE:

- Always use all Honda All Season Antifreeze/Coolant Type 2. Using a non-Honda coolant can result in corrosion, causing the cooling system to malfunction or fail.
- To avoid burning out the element, do not operate the engine block heater until it is installed in the vehicle and you have added the coolant.

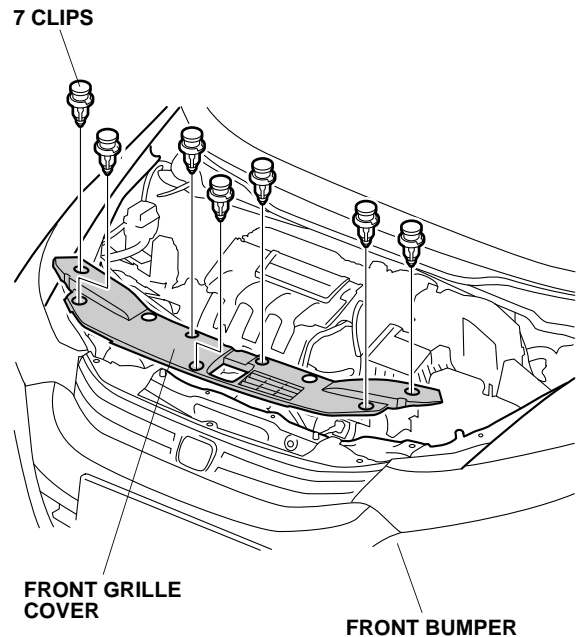
Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by “do-it-yourselfers.”

1. Allow the engine and all cooling system components to cool down.
2. Place a clean drain pan under the radiator drain plug, then remove the drain plug from the bottom of the radiator to drain the coolant. Remove the radiator cap to increase the flow.

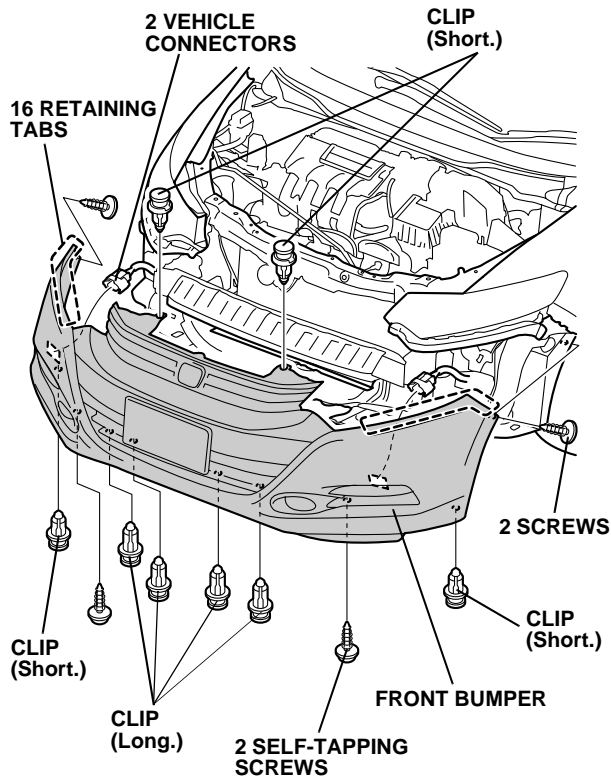
NOTICE: Radiator coolant will damage the body paint. Quickly rinse any spilled coolant from body paint finish.



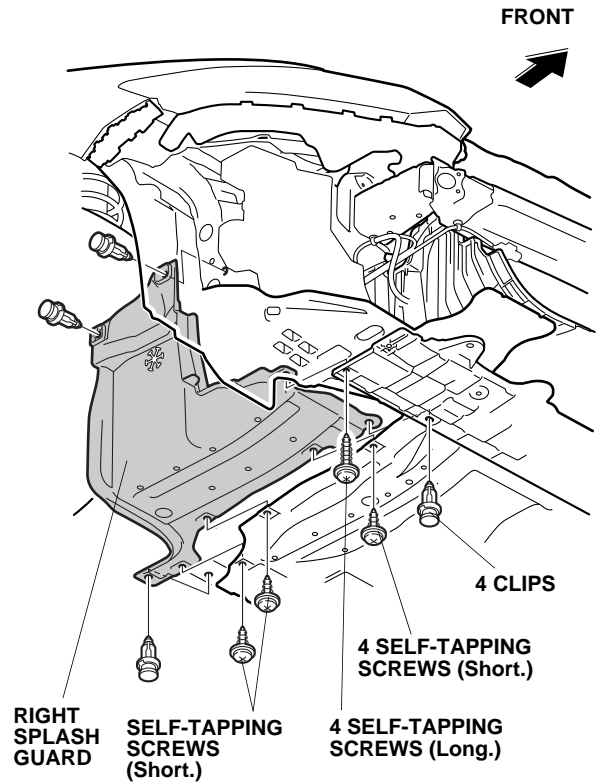
3. Remove the front grille cover (seven clips).



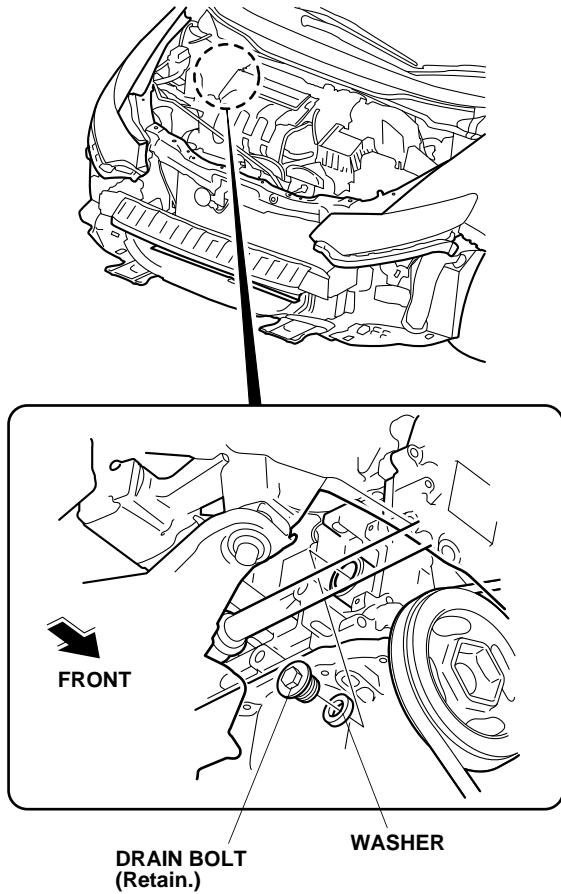
4. Remove the front bumper:
 - Remove the eight clips and the four self-tapping screws.
 - With the help of an assistant, pull the bumper forward to carefully release the 16 tabs (eight on each side). Unplug the two connectors and remove the bumper.
 - Place the front bumper on a blanket to prevent damage.



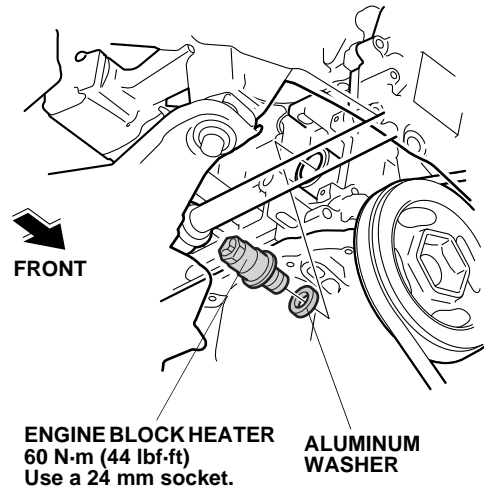
5. With the vehicle on a lift, remove the right splash guard (four clips and four self-tapping screws).



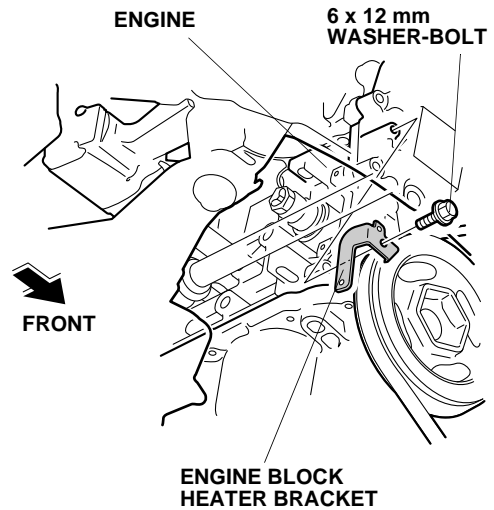
6. Locate and remove the engine block drain bolt and washer. Coolant remaining in the engine jacket will flow out of the bolt hole when the bolt is removed.
NOTE: Retain the bolt in case the block heater is removed. (A new washer should be used when the bolt is reinstalled.)



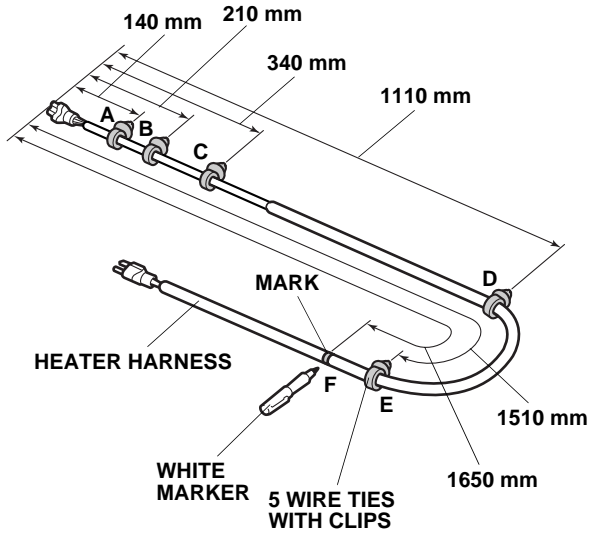
7. Install the new aluminum washer and the engine block heater into the bolt using a 24 mm socket and a torque wrench. Torque the engine block heater to 60 N·m (44 lb-ft).



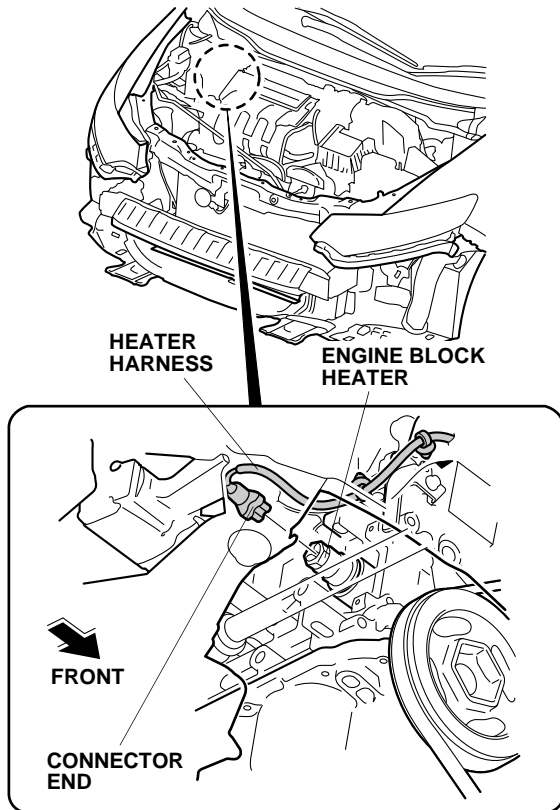
8. Bolt the engine block heater bracket to the engine block using the 6 x 12 mm washer-bolt.



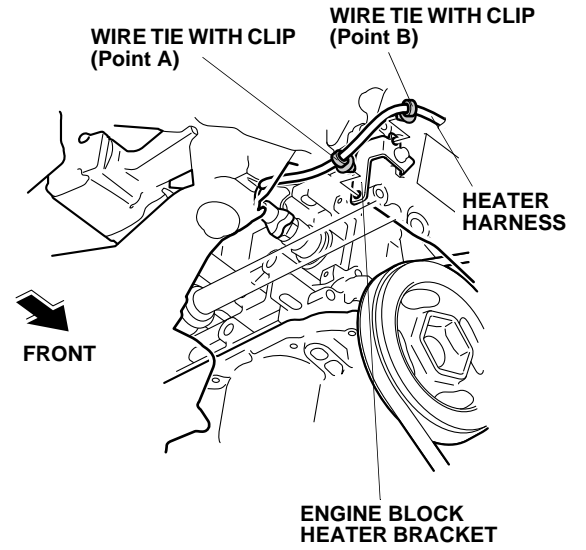
9. Measure and mark the heater harness at the point shown. Install a wire tie with clip on the heater harness at each of the measurements shown.



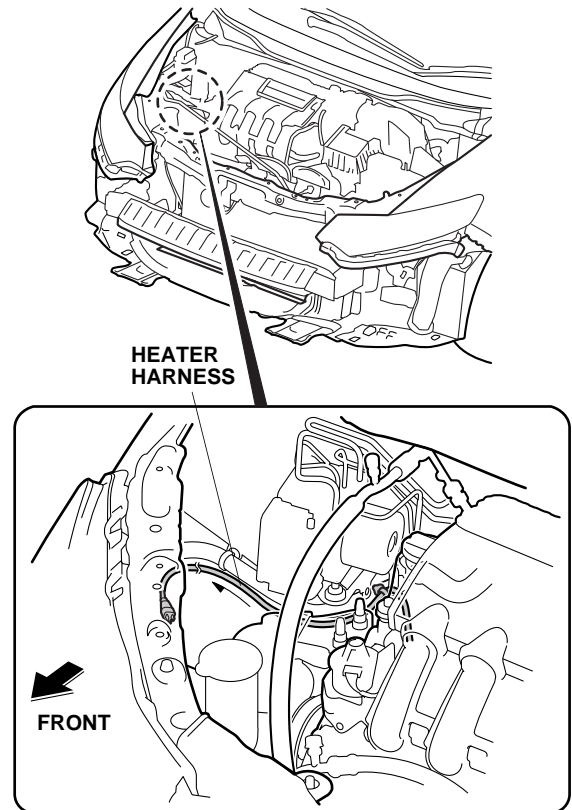
10. Plug the connector end of the heater harness into the engine block heater.



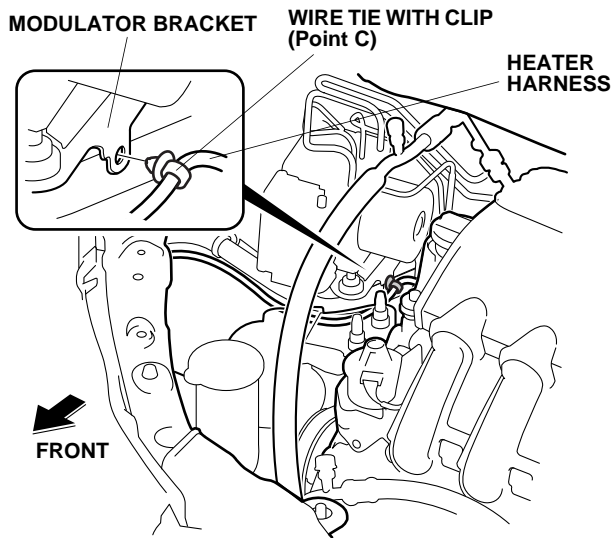
11. Route the heater harness up, and secure the two wire ties with clips (points A and B) to the bracket.



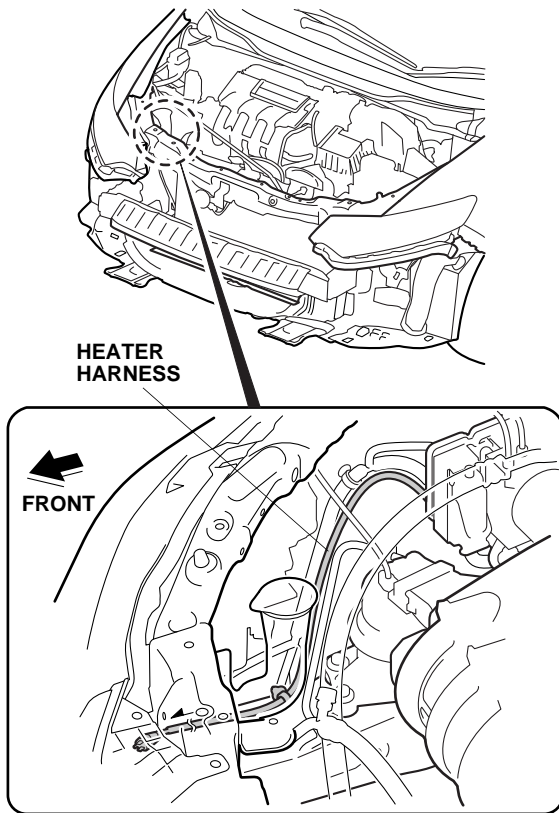
12. Route the heater harness through the engine compartment.



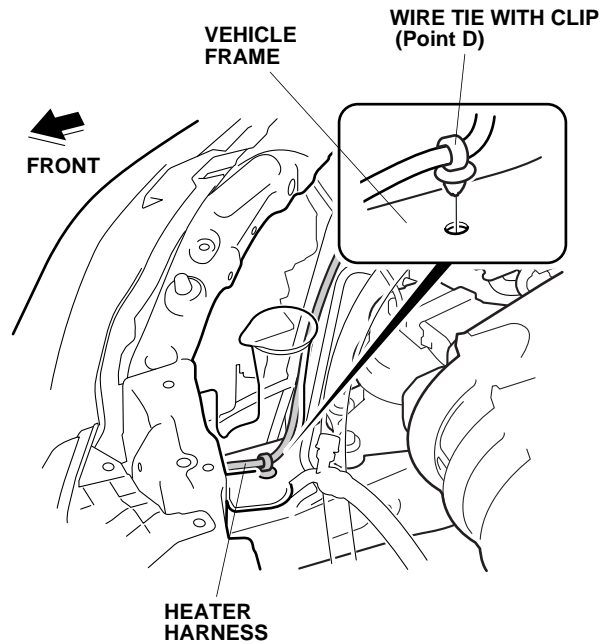
13. Secure the heater harness to the modulator bracket with one wire tie with clip (point C).



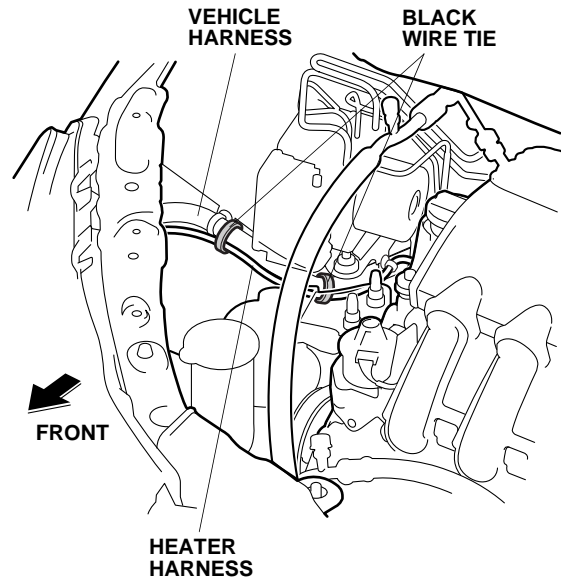
14. Route the heater harness along the vehicle harness and through the front bulkhead.



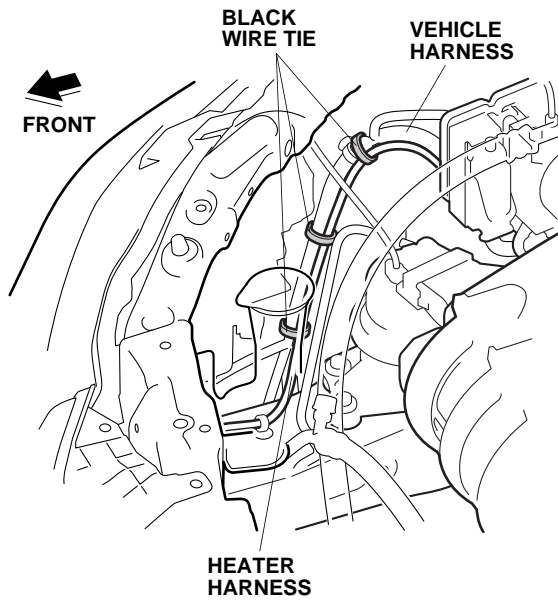
15. Secure the heater harness to the vehicle frame with one wire tie with clip (point D).



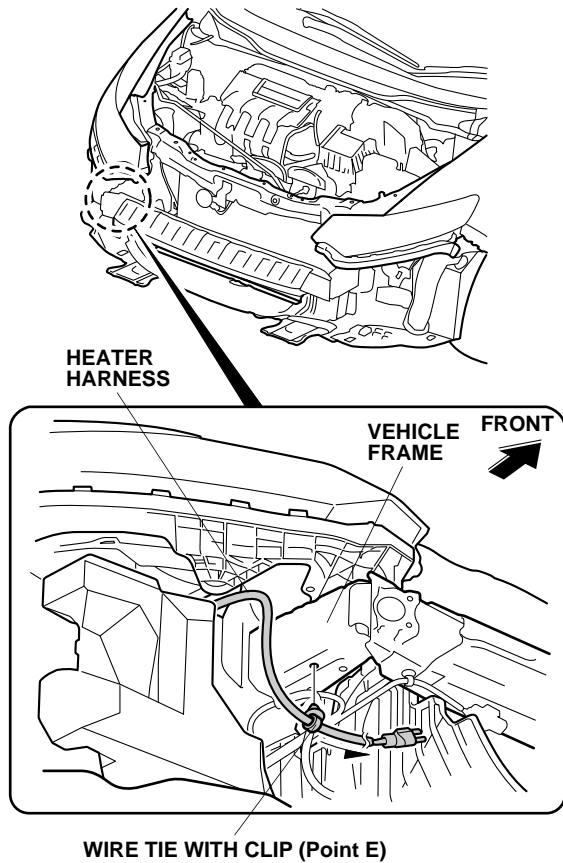
16. Secure the heater harness to the vehicle harness with two black wire ties.



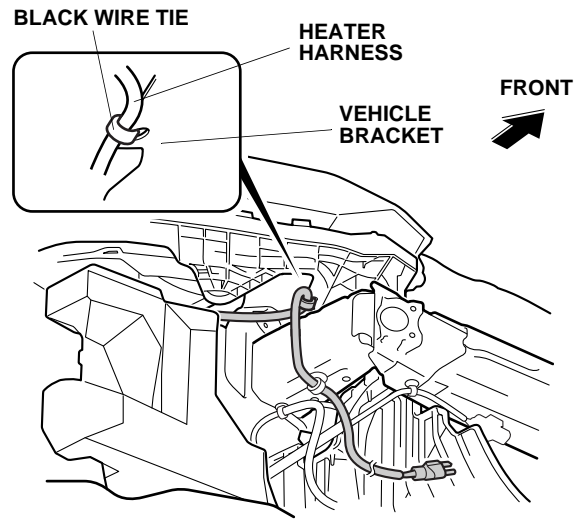
17. Secure the heater harness to the vehicle harness with three additional black wire ties.



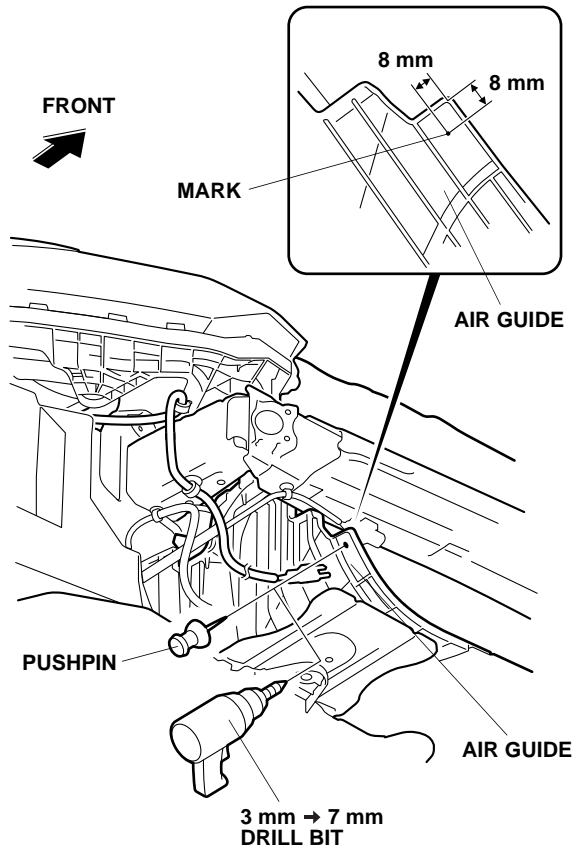
18. Route the heater harness under the frame, and secure it with one wire tie with clip (point E).



19. Secure the heater harness to the vehicle bracket with one black wire tie.

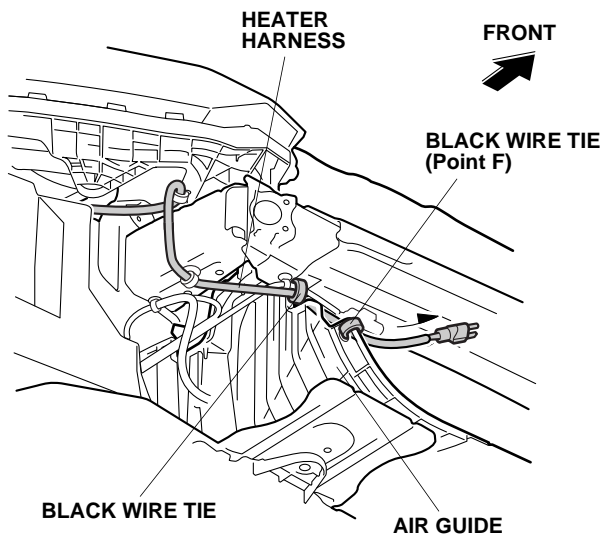


20. Using a pushpin, pierce the air guide at the measurement shown.

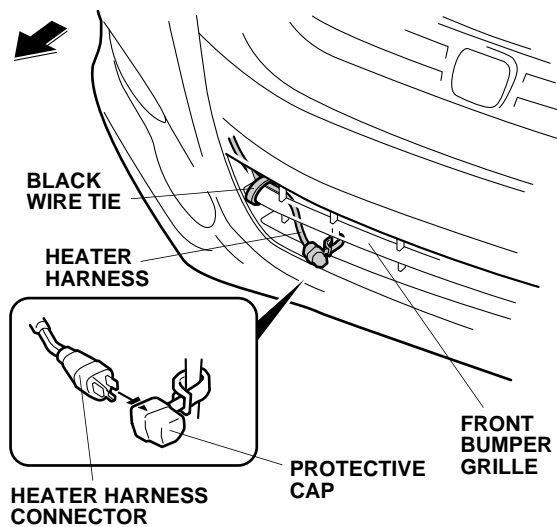


21. While wearing eye protection, drill the pierced mark to 7 mm. First drill with a 3 mm drill bit, and finish with a 7 mm drill.

22. Install the heater harness to the hole made in step 21 with one black wire tie (point F).



23. Attach the heater harness to the vehicle harness with one additional black wire tie.
24. With the help of an assistant, reinstall the front bumper.



25. Secure the protective cap to the front bumper grille, and plug the heater harness connector into the protective cap.
26. Attach the heater harness to the front bumper grille with one black wire tie.

27. Reinstall all removed parts.
28. Reinstall the radiator drain plug.
29. Fill the system with the recommended coolant. Follow the instructions described in the service manual to fill and bleed the cooling system.
30. Check the coolant reservoir for correct level, and check the cooling system for signs of leakage. Repair as necessary.
31. Check that the heater harness is routed properly and all connectors are plugged in.
32. Put the drain bolt (removed in step 6) in the glove box.