

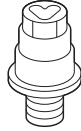


INSTALLATION INSTRUCTIONS

Accessory ENGINE BLOCK HEATER P/N 08T44-SNA-101	Application 2017 FIT	Publications No. VERSION 1
		Issue Date JUN 2016

PARTS LIST

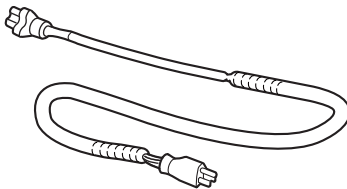
Engine block heater



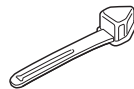
Aluminum washer



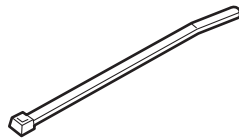
Heater harness



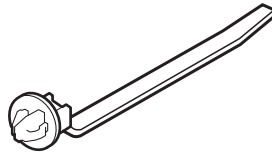
Protective cap



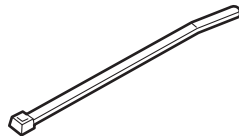
12 Black wire ties
(1 Not used)



7 Wire ties with clip
(6 Not used)



5 Natural wire ties
(4 Not used)



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver

Ratchet

10 mm, 19 mm, and 24 mm Sockets

10 mm Open end wrench

Torque wrench

Diagonal cutters

Heavy gloves

Drain pan

Tape measure

White marker

Coolant (Honda All Season Antifreeze/Coolant Type 2)

Blanket

Fender cover

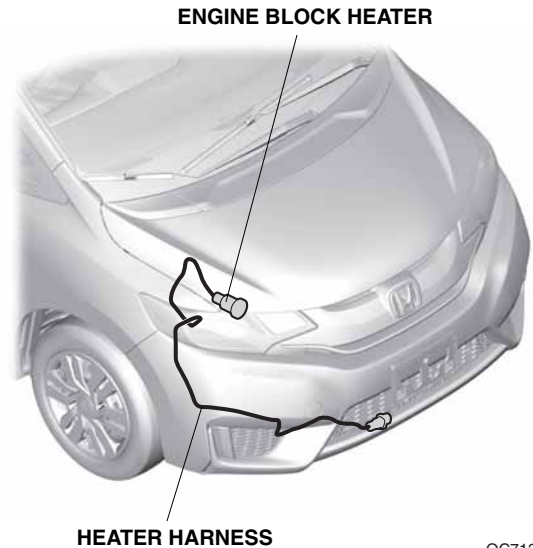
Tape

Shop towel

The following tool is 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 Engine Block Heater Installed on the Vehicle



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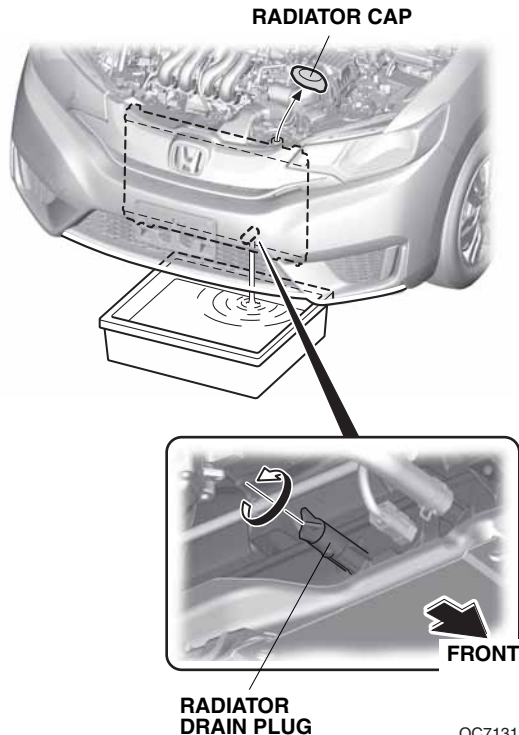
INSTALLATION

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.”

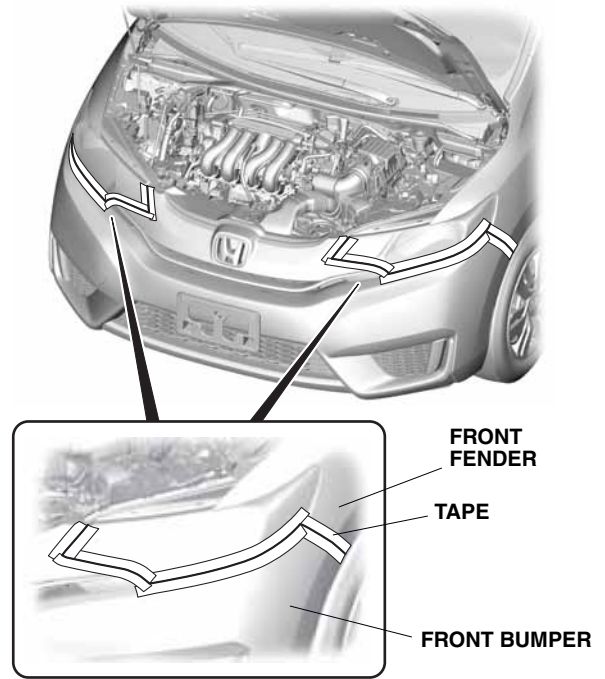
NOTE:

- Always use 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 with coolant.
1. Disconnect the negative cable from the battery.
 2. Allow the engine and all cooling system components to cool down.
 3. Place the vehicle on a hoist and raise the vehicle off the ground.
 4. 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.

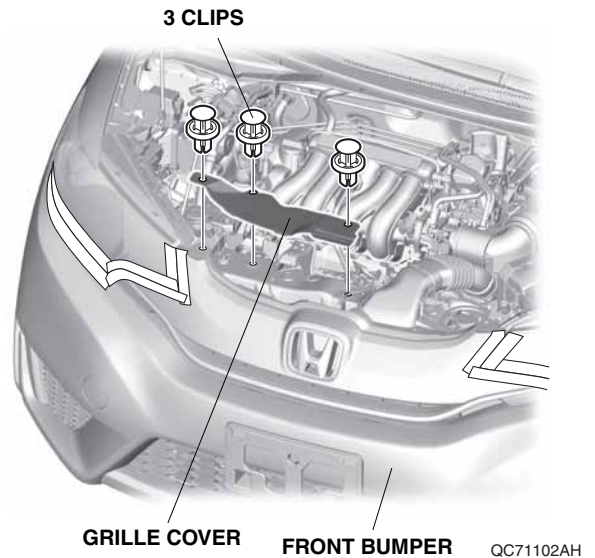
NOTICE: Radiator coolant will damage the paint. Quickly rinse any spilled coolant from the paint.



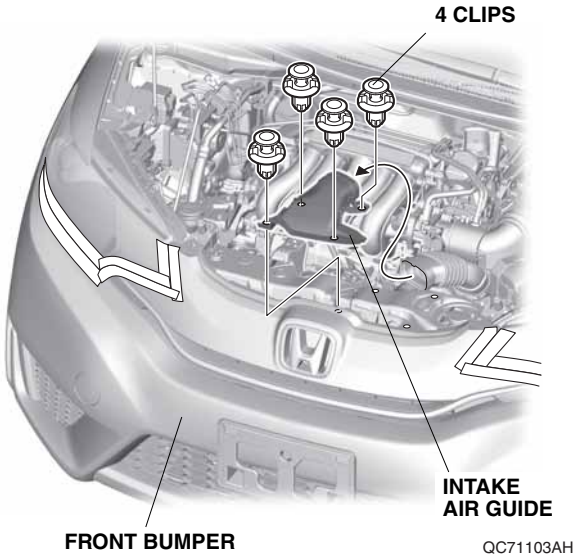
5. Drain the coolant completely, then reinstall the radiator cap.
6. Remove the front bumper:
 - Attach tape to the areas shown on each side.



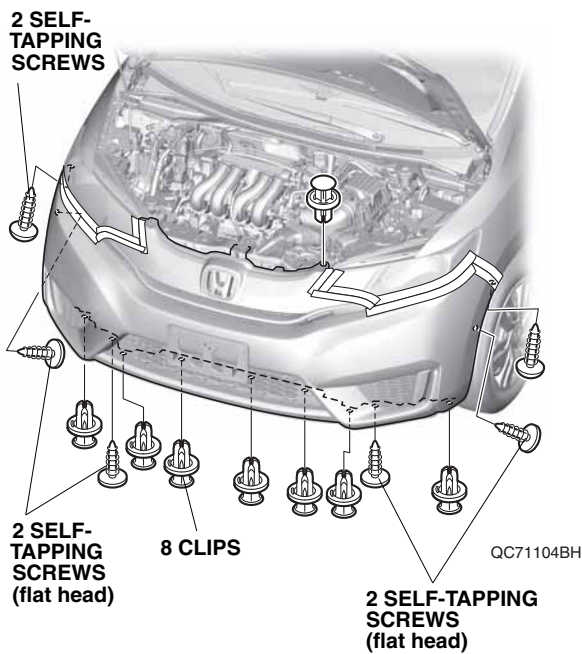
- Remove the grille cover.



- Remove the intake air guide.



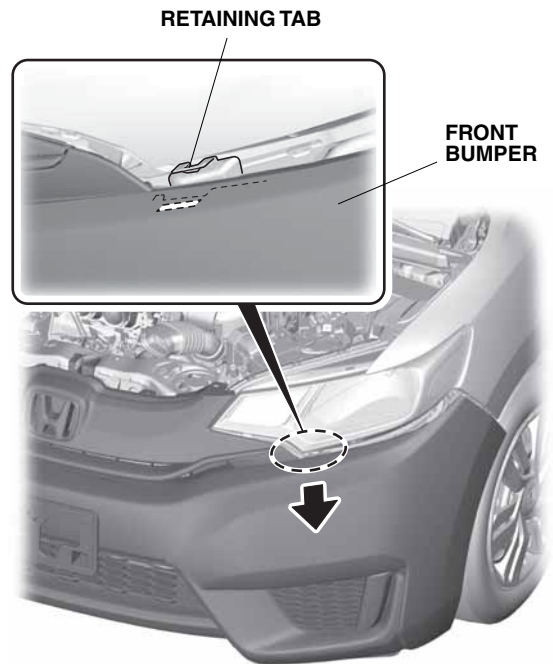
- Remove six self-tapping screws and eight clips.



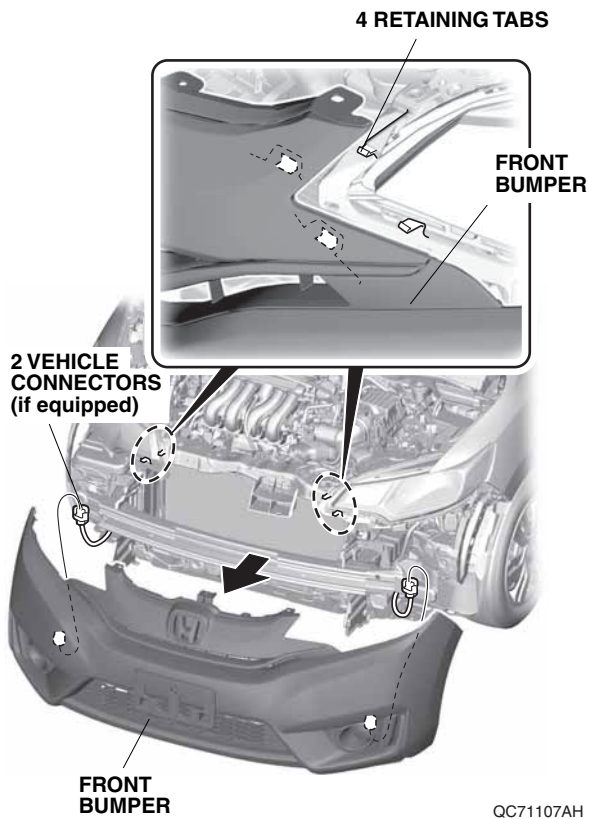
- Release four retaining tabs on each side.



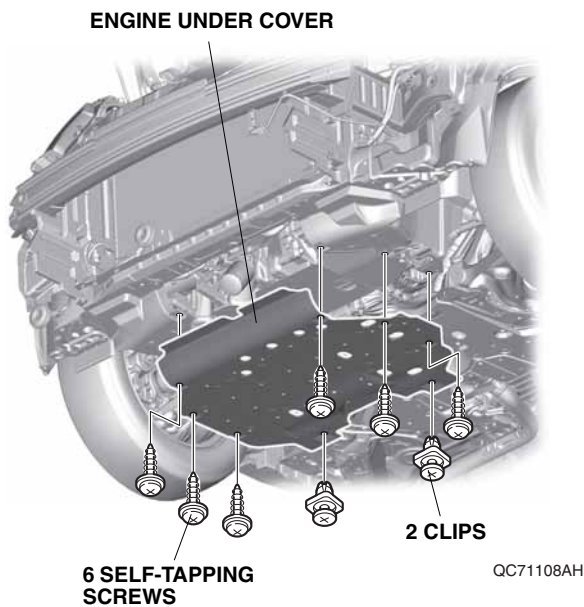
- With the help of an assistant, release one retaining tab on each side.



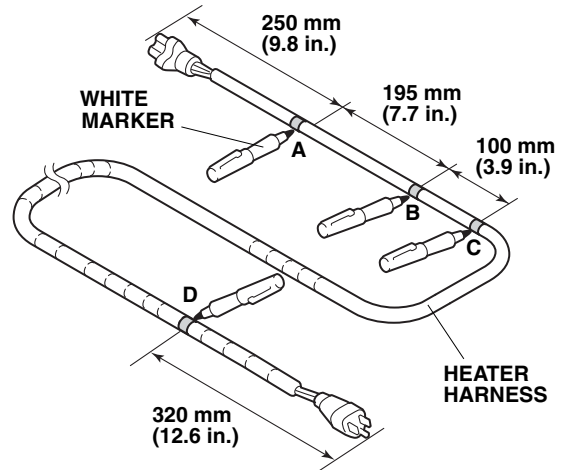
- Remove the front bumper, and unplug the vehicle connectors. Place the front bumper on the blanket to prevent damage.



- Remove the engine under cover.

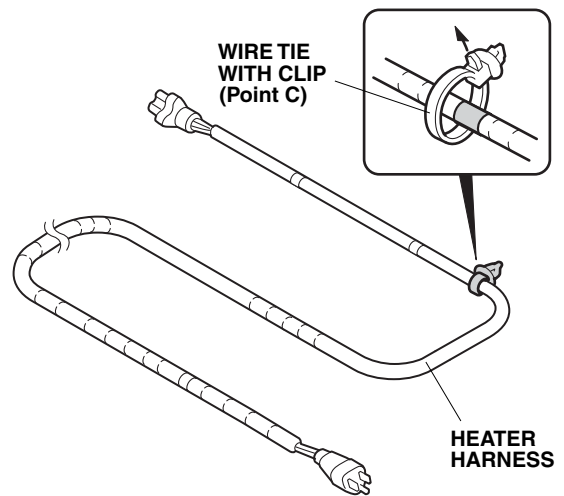


- Using a tape measure, mark the heater harness at the measurements A, B, C, and D.



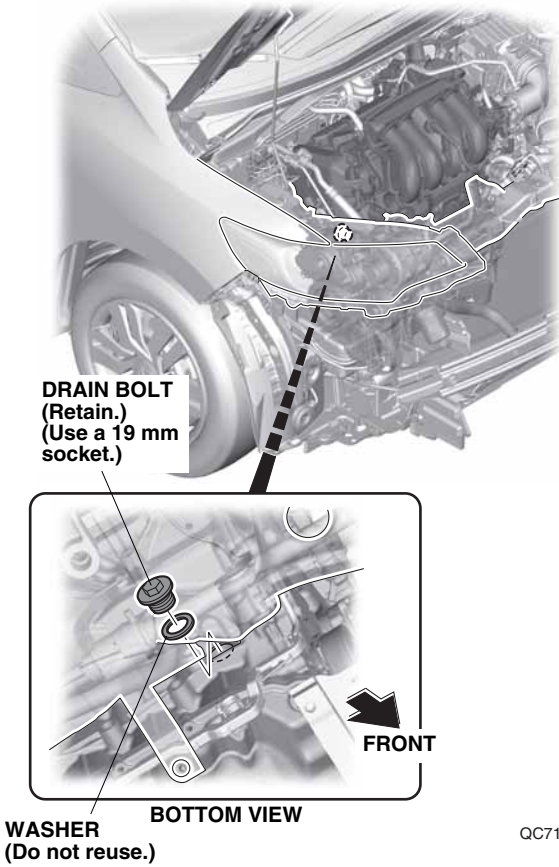
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- Install one wire tie with clip on the heater harness at the white mark (point C).

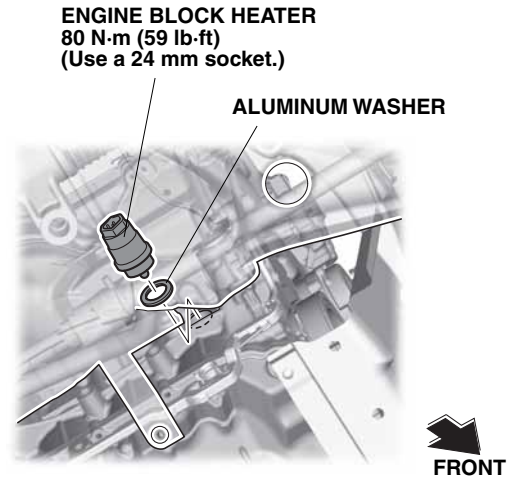


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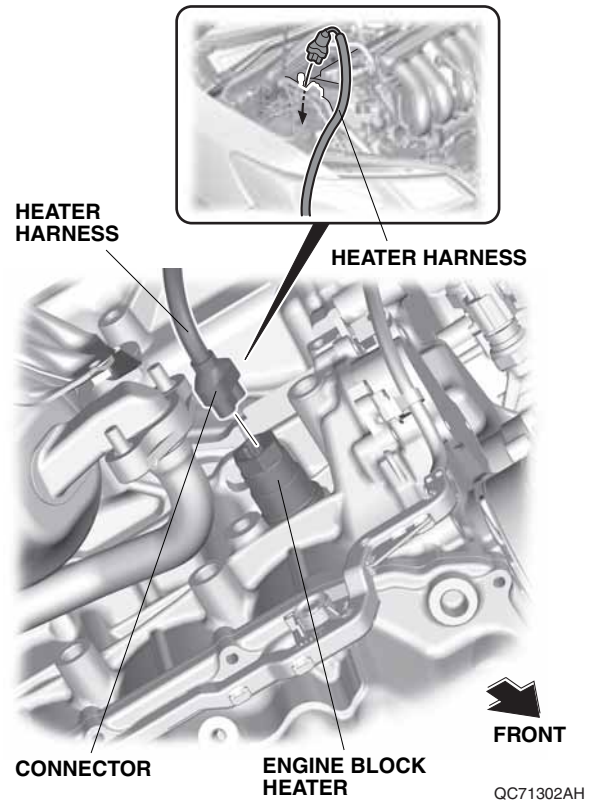
10. Locate and remove the drain bolt and washer. Coolant remaining in the engine jackets flows out of the hole when the drain bolt is removed. Retain the drain bolt; it will be used if the engine block heater is removed.
NOTE: Use a new washer if the drain bolt is reinstalled.



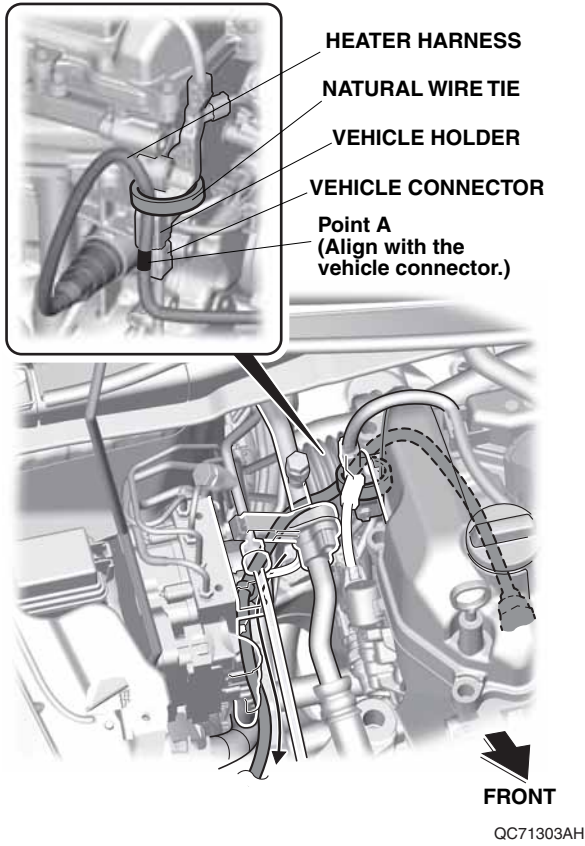
11. Install the engine block heater with the aluminum washer into the bolt hole using a 24 mm socket. Torque the engine block heater to 80 N·m (59 lb·ft). (Use a 24 mm socket.)



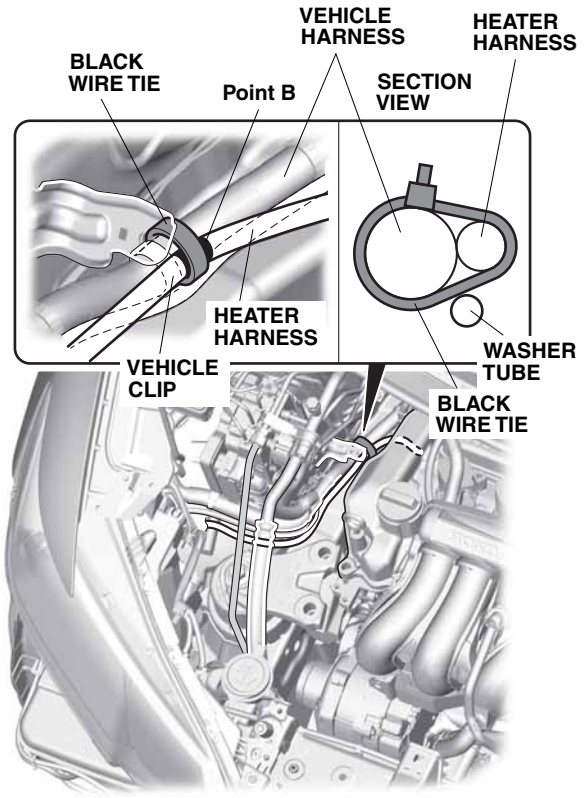
12. Plug the heater harness connector into the engine block heater. Make sure the heater harness connector is fully seated.



- Route the heater harness in the direction shown. Align the white mark (point A) with the vehicle connector, and secure the heater harness to the vehicle holder with one natural wire tie.

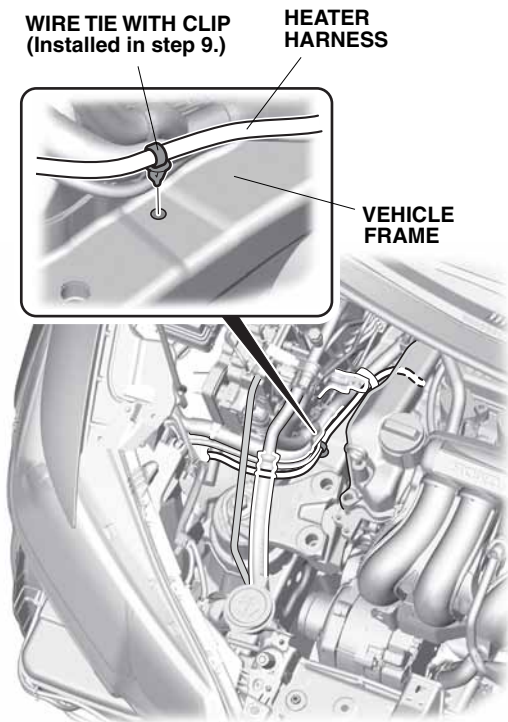


- Align the white mark (Point B) with the vehicle clip. Secure the heater harness to the vehicle harness with one black wire tie.



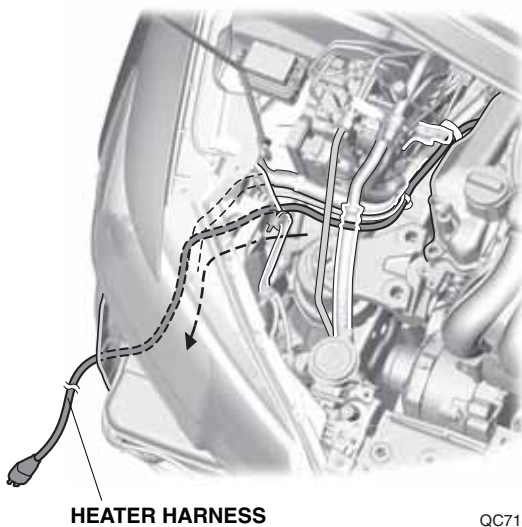
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15. Secure the heater harness to the vehicle frame hole with one wire tie with clip installed in step 9.



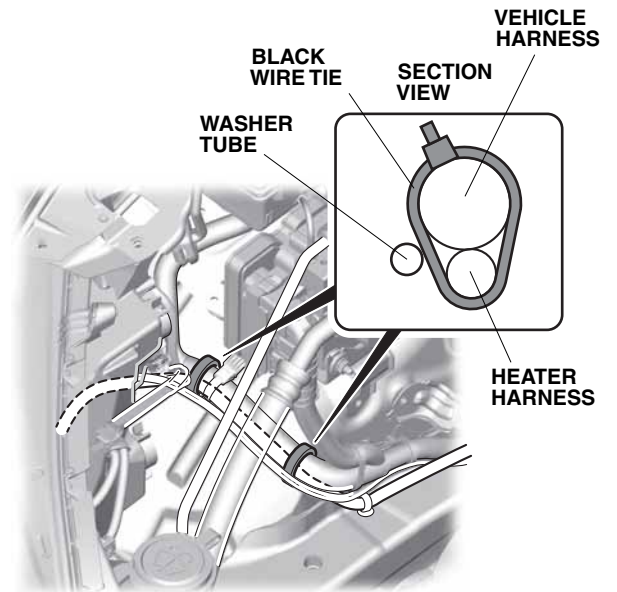
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16. Route the heater harness as shown.



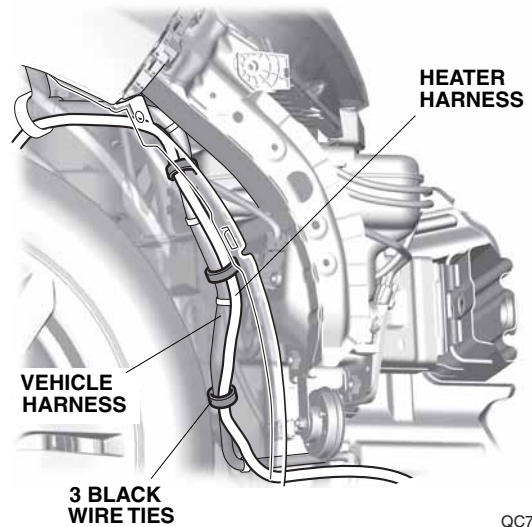
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17. Secure the heater harness to the vehicle harness with two black wire ties.



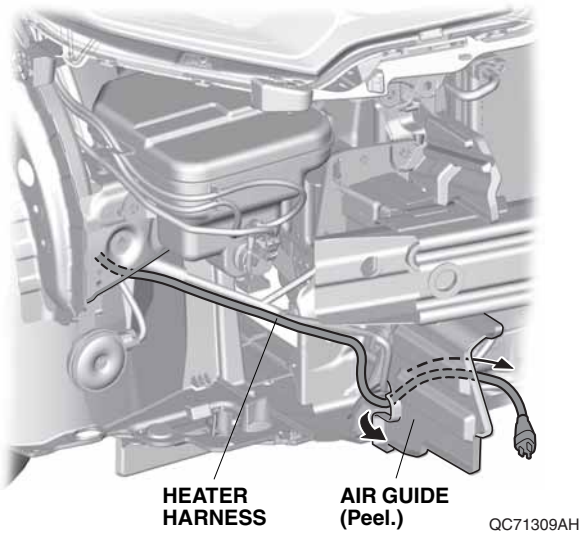
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18. Route the heater harness as shown. Then secure the heater harness to the vehicle harness with three black wire ties.

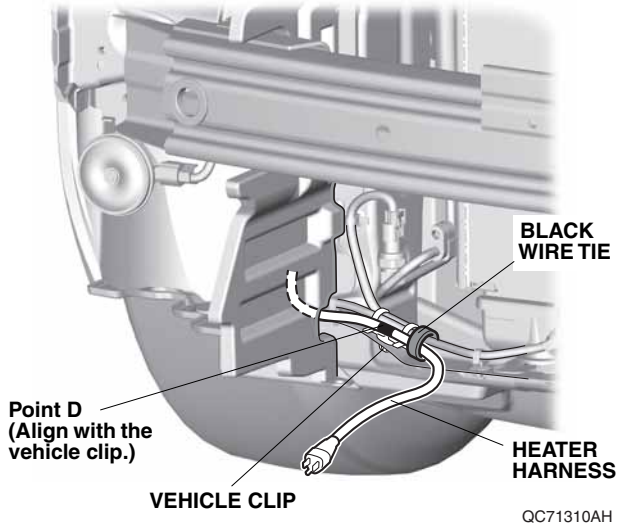


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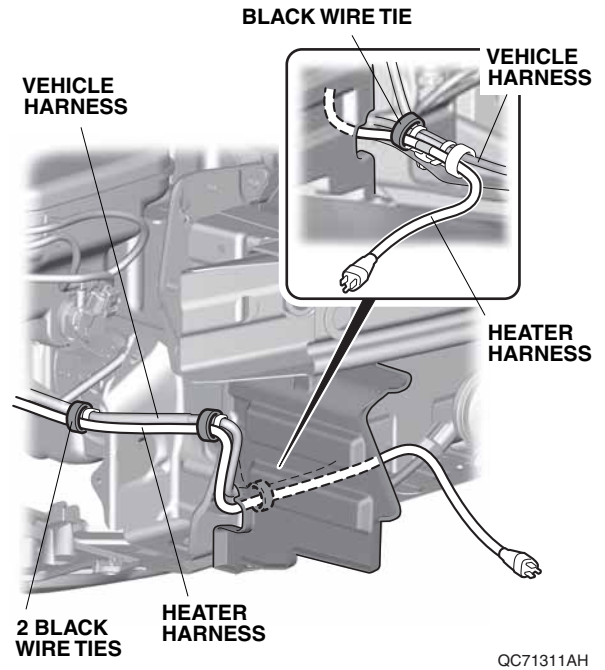
19. Route the heater harness as shown.



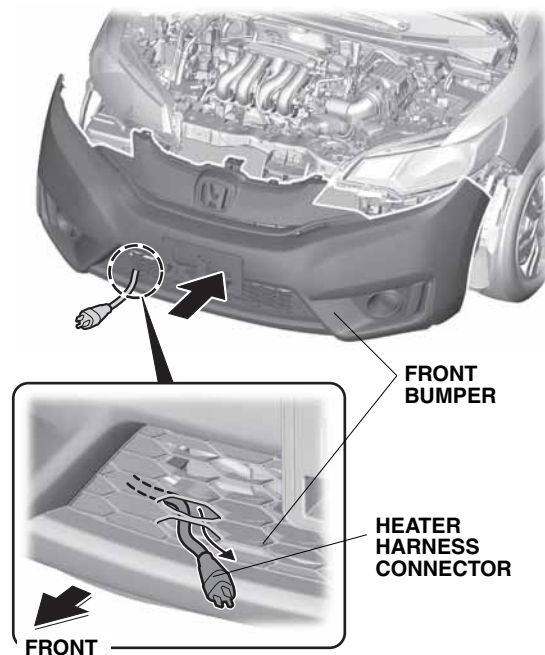
20. Align the white mark (Point D) with the vehicle clip. Secure the heater harness to the vehicle harness with one black wire tie.



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

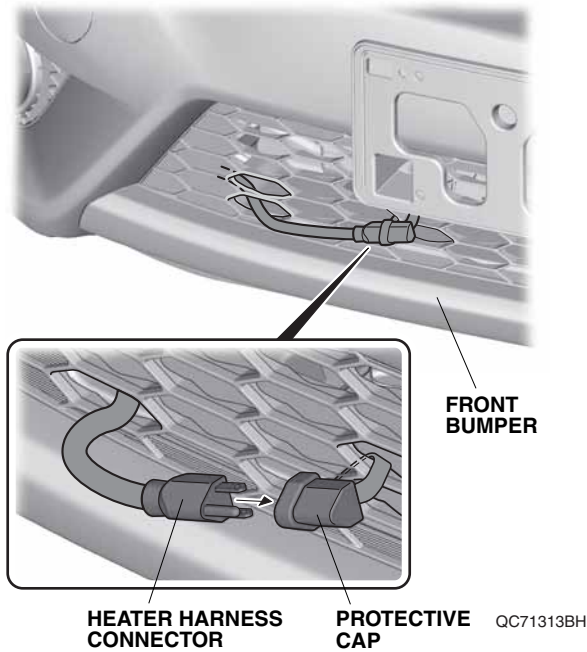


22. Route the heater harness through the front bumper as shown, with the help of an assistant install the front bumper.

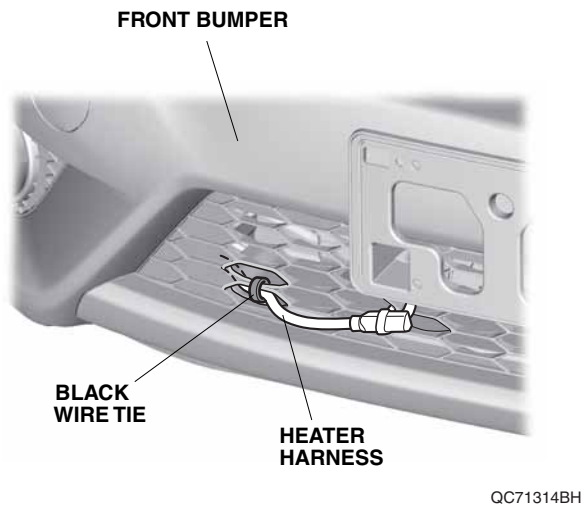


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23. Attach the protective cap to the front bumper, and plug the heater harness connector into the protective cap.



24. Secure the heater harness to the front bumper with one black wire tie.



25. Install all removed parts.
26. Install the radiator drain plug.
27. Remove the radiator cap and fill the system with the recommended coolant. Follow the instructions in the Service Manual to fill the cooling system and check for leaks. Check that there is no leak around the engine block heater.
28. Make sure that the heater harness is routed properly and all connectors are plugged in.
29. Install the radiator cap.
30. Put the drain bolt (removed in step 10) in the glove box.
31. Connect the negative cable to the battery.
32. Press and hold the audio unit power button for two seconds to restore audio and navi (if equipped) system functions.
33. Set the clock on vehicles without navigation.
34. Restore the systems back to normal operation as described in the Service Manual if necessary.