

Accessory	Application	Publications No.
ENGINE BLOCK HEATER P/N 08T44-SNA-102	2018 FIT	VERSION 1
		Issue Date JUL 2017

PARTS LIST

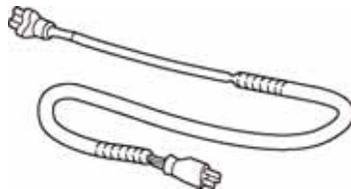
Engine block heater



Aluminum washer



Heater harness



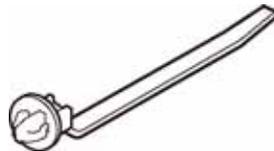
Protective cap



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 Genuine Long Life Antifreeze/Coolant Type 2)

Blanket

Fender cover

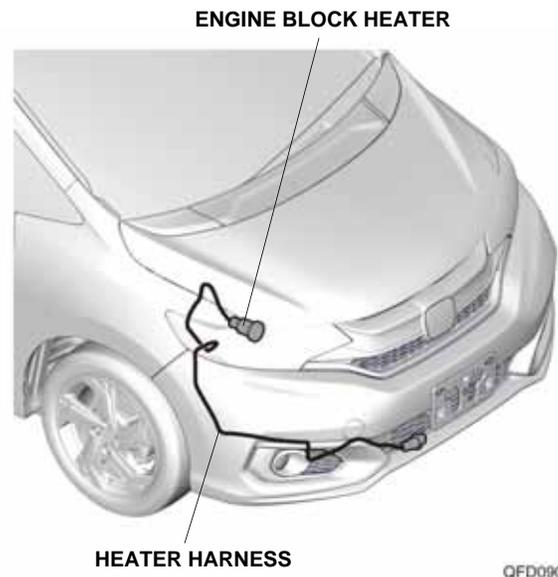
Masking tape

Shop towel

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 Engine Block Heater Installed in the Vehicle



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INSTALLATION

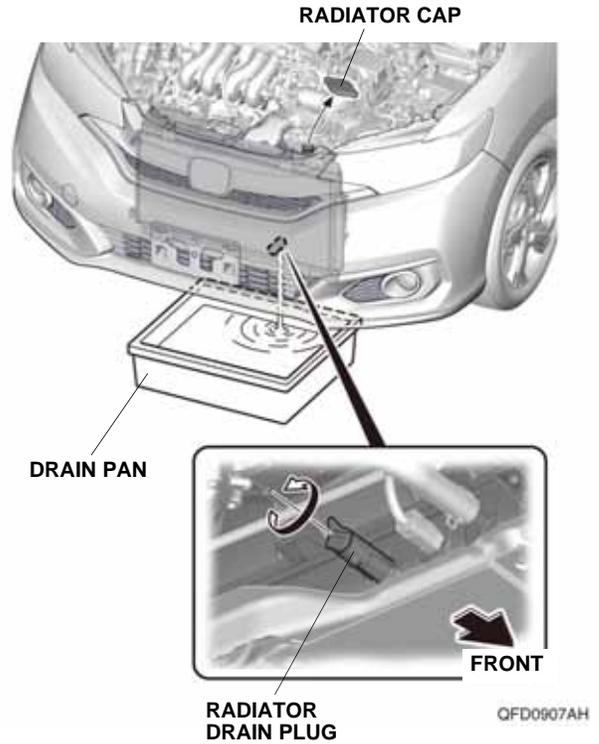
Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by “do-it-yourselfers.”

NOTICE:

- Always use Honda Genuine Long Life 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 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 lift and raise the vehicle off the ground.

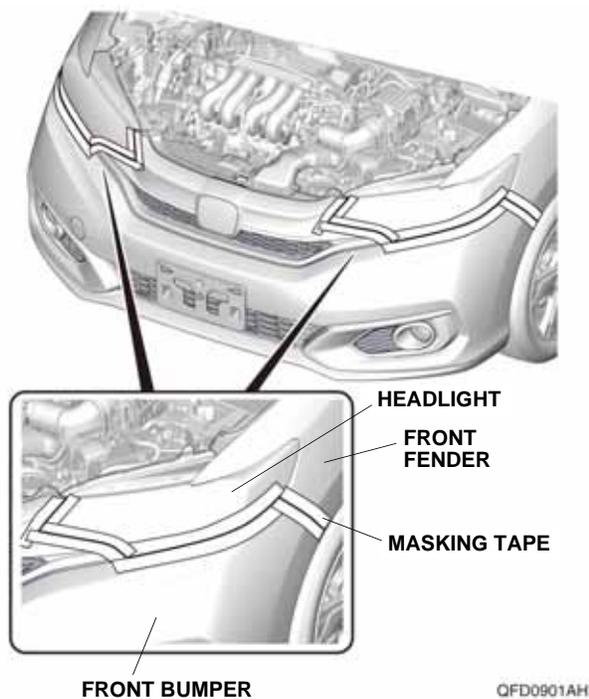
4. Place a clean drain pan under the radiator drain plug, then remove the drain plug from the bottom of the radiator to drain the coolant. Remove the radiator cap to increase the flow.

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

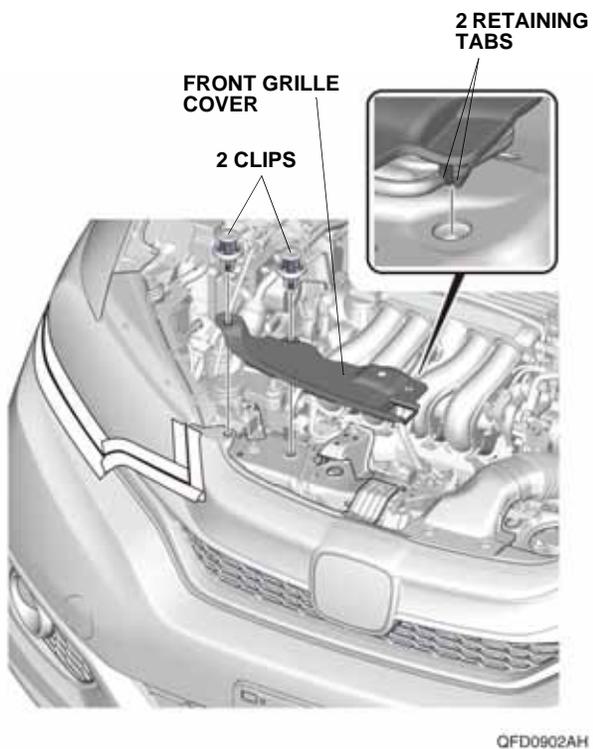


5. Drain the coolant completely, then install the radiator cap.

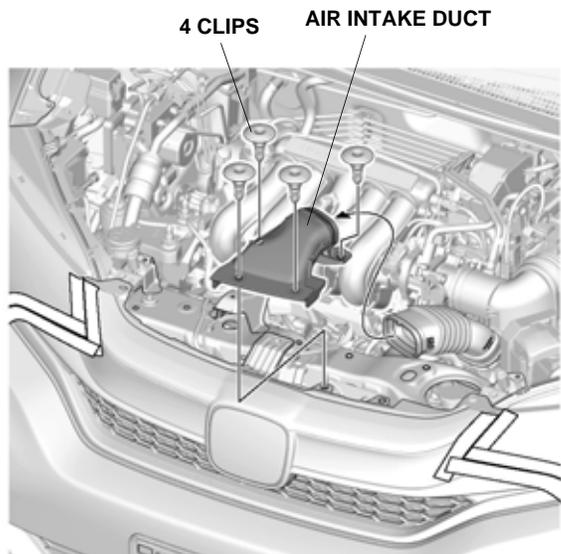
6. Remove the front bumper:
 - Apply masking tape as shown.



- Remove the front grille cover.

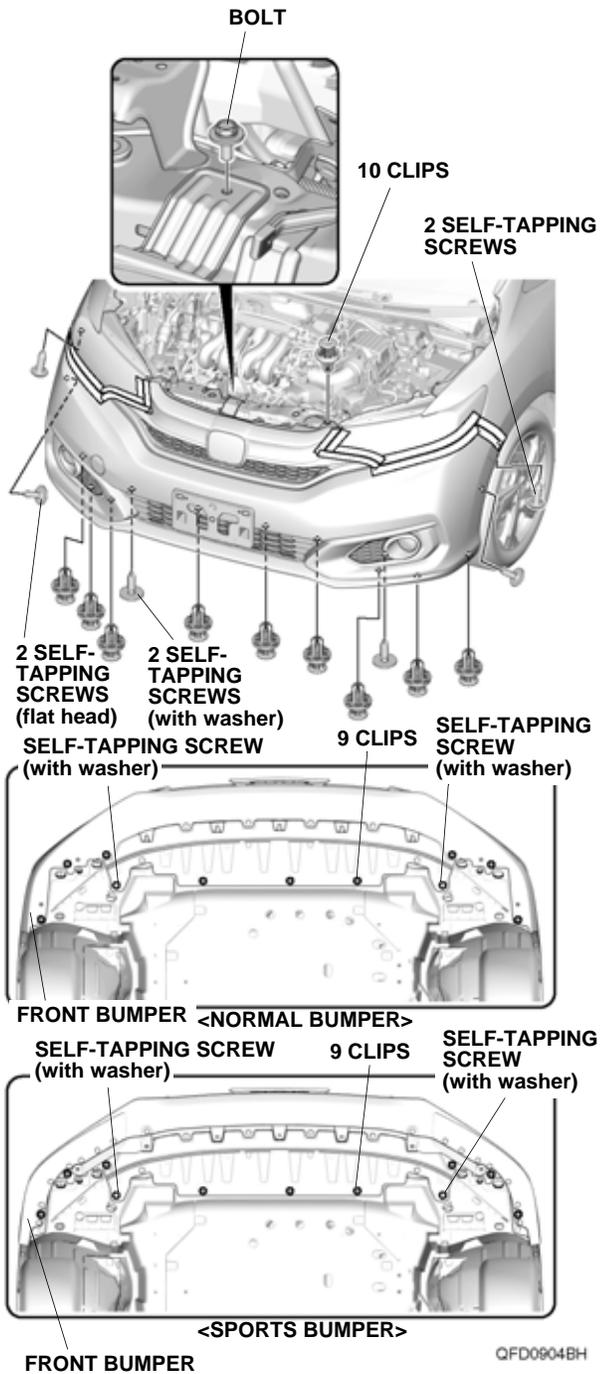


- Remove the air intake duct.

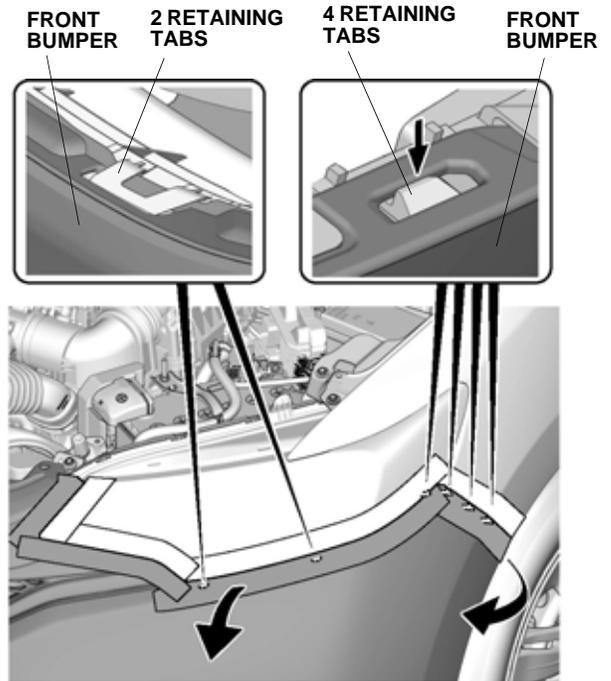


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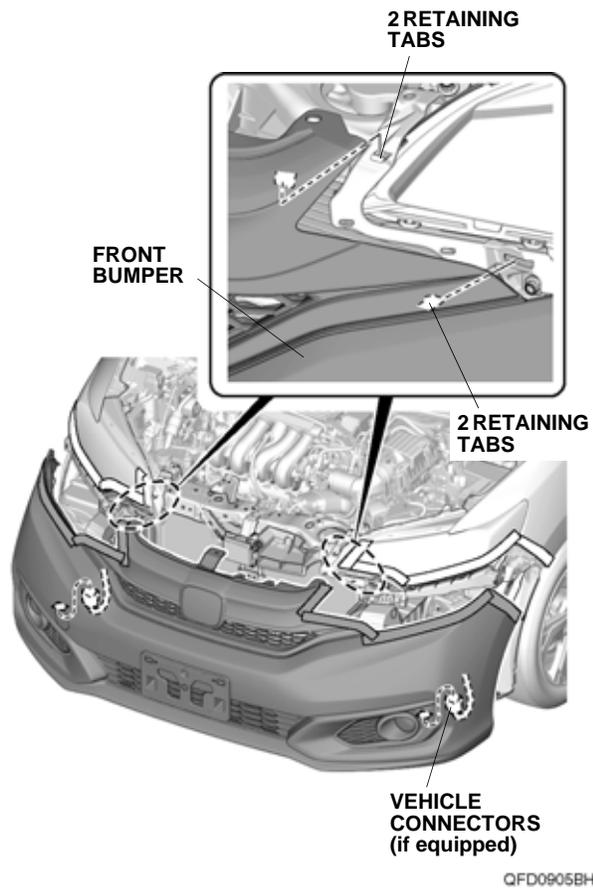
- Remove the bolt, 6 self-tapping screws, and 10 clips.



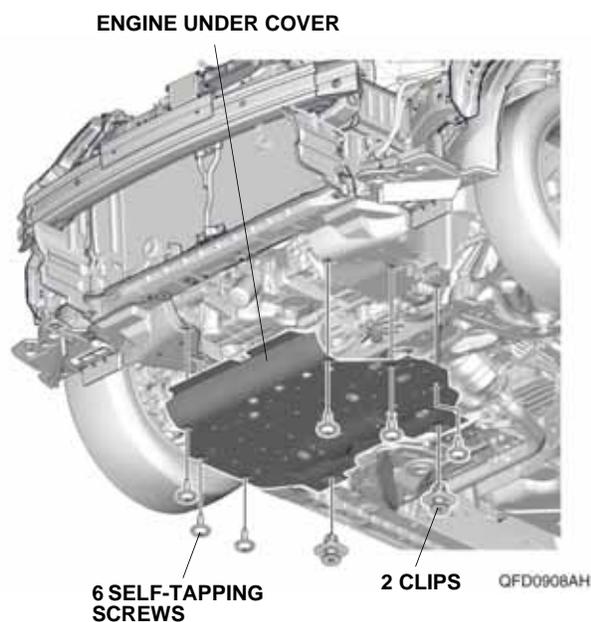
- With the help of an assistant, release the six retaining tabs on each side.
NOTE: Remove the retaining tabs from the outside as shown. Make sure to remove the retaining tabs in the correct direction.



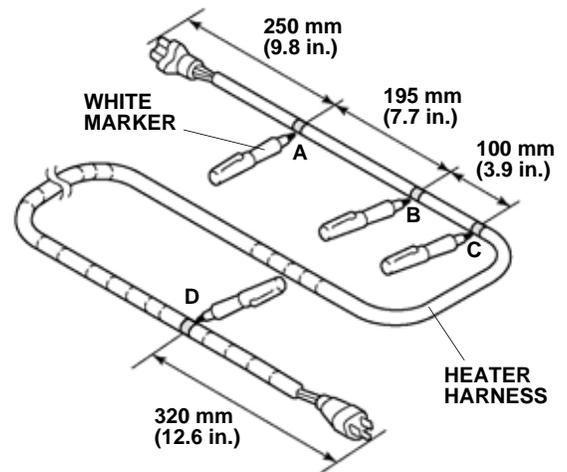
- With the help of an assistant, remove the front bumper, and unplug the vehicle connectors. Place the front bumper on a blanket to prevent damage.



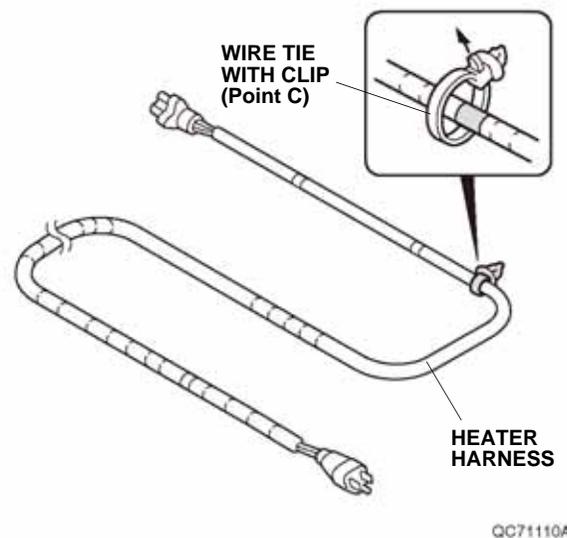
- Remove the engine under cover.



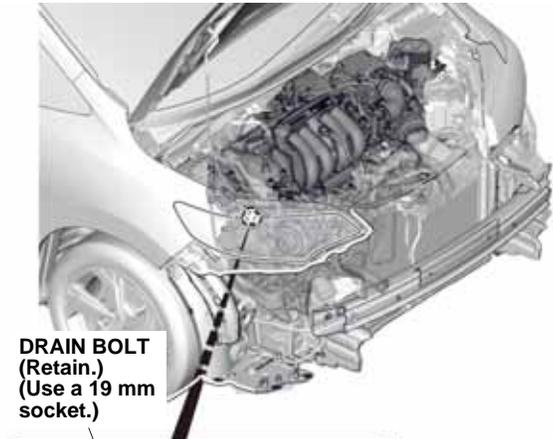
- Using a tape measure, measure and mark the heater harness as shown.



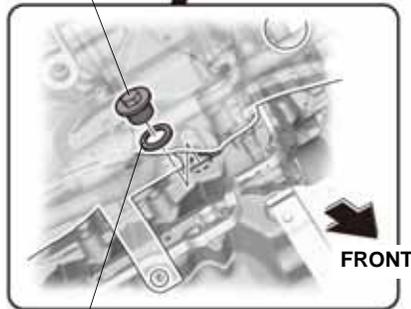
- Install one wire tie with clip to the heater harness as shown.



10. Locate and remove the drain bolt and washer. Coolant remaining in the engine jackets will flow out of the bolt hole when the bolt is removed. Retain the drain bolt in case the engine block heater is removed.
NOTE: Use a new washer if you need to install the drain bolt.



DRAIN BOLT
(Retain.)
(Use a 19 mm socket.)



BOTTOM VIEW

WASHER
(Do not reuse.)

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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.)



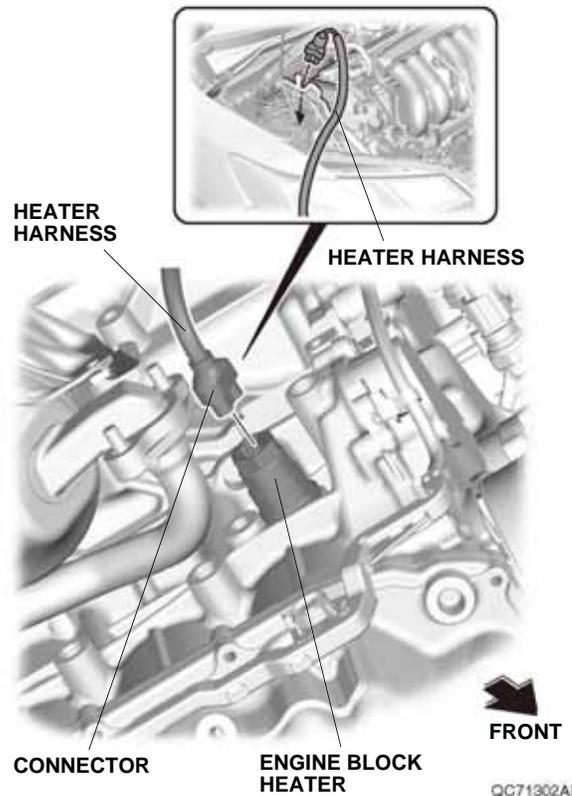
ENGINE BLOCK HEATER
Torque to 80 N-m (59 lb-ft)
(Use a 24 mm socket.)

ALUMINUM WASHER

FRONT

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



HEATER HARNESS

HEATER HARNESS

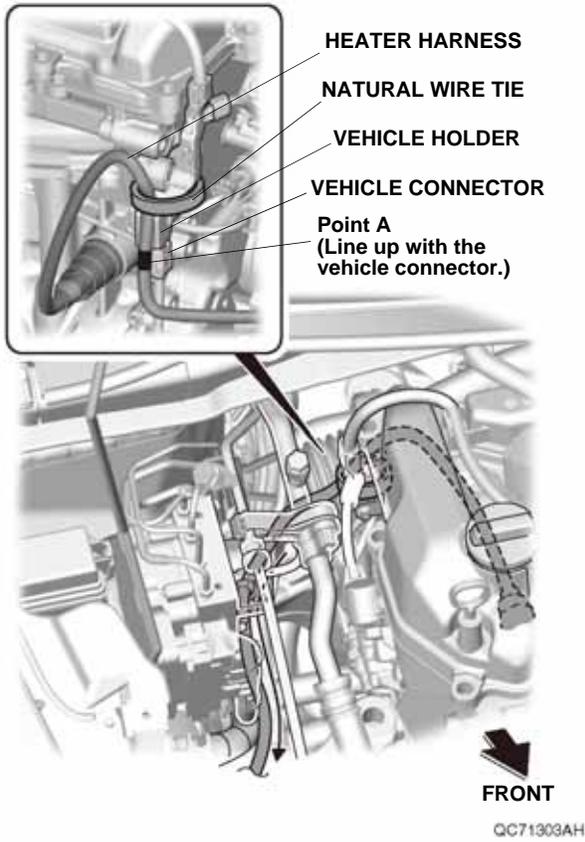
CONNECTOR

ENGINE BLOCK HEATER

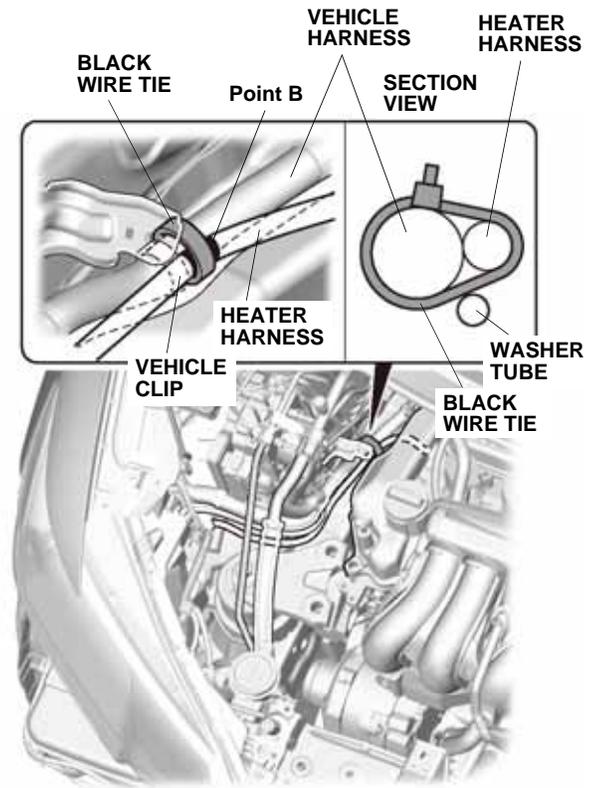
FRONT

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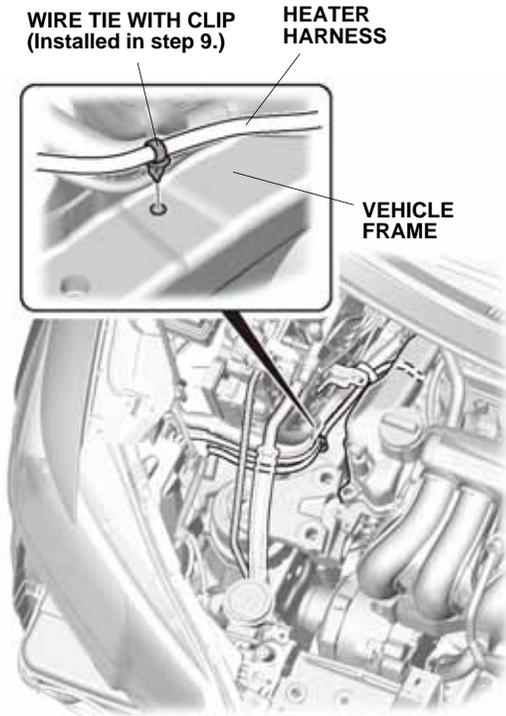
- Route the heater harness in the direction shown. Line up the white mark (point A) with the vehicle connector, and secure the heater harness to the vehicle holder with one natural wire tie.



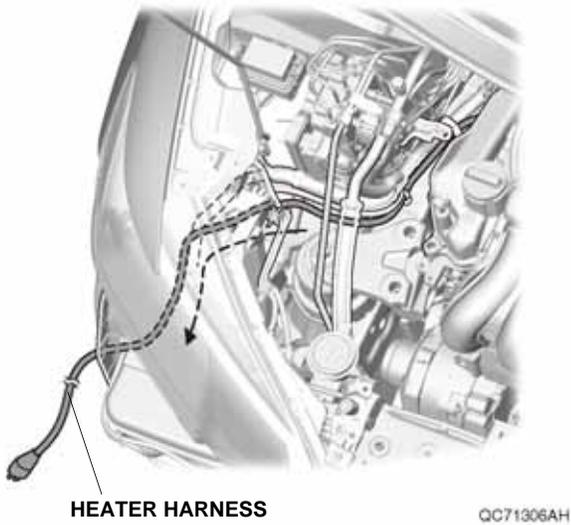
- Line up the white mark (point B) with the vehicle clip. Secure the heater harness to the vehicle harness with one black wire tie.



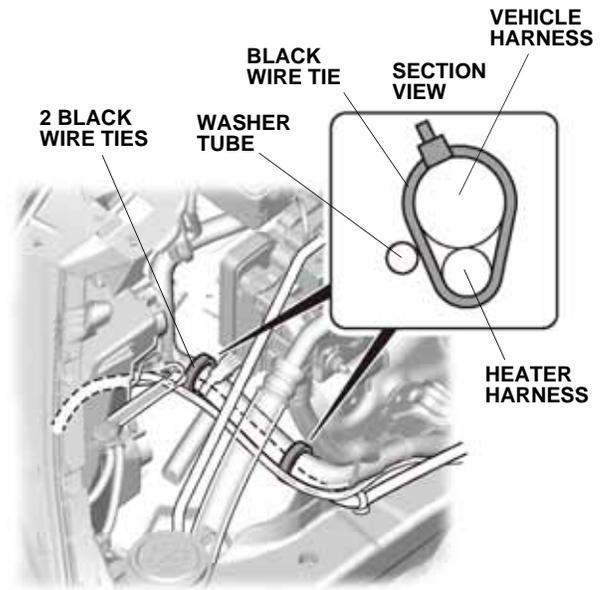
15. Secure the heater harness to the vehicle frame hole with one wire tie with clip installed in step 9.



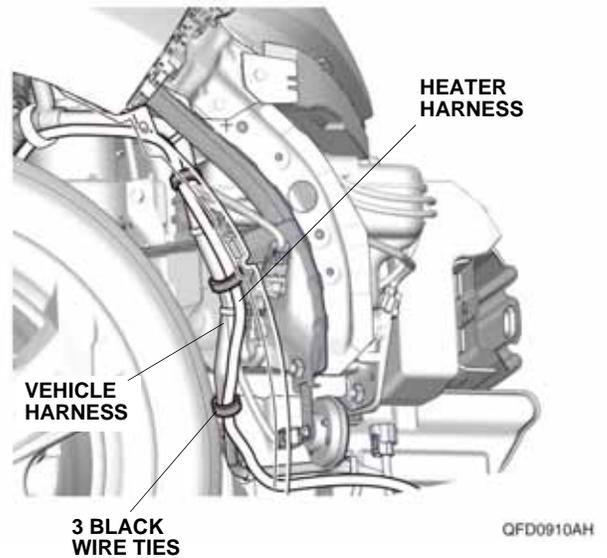
16. Route the heater harness as shown.



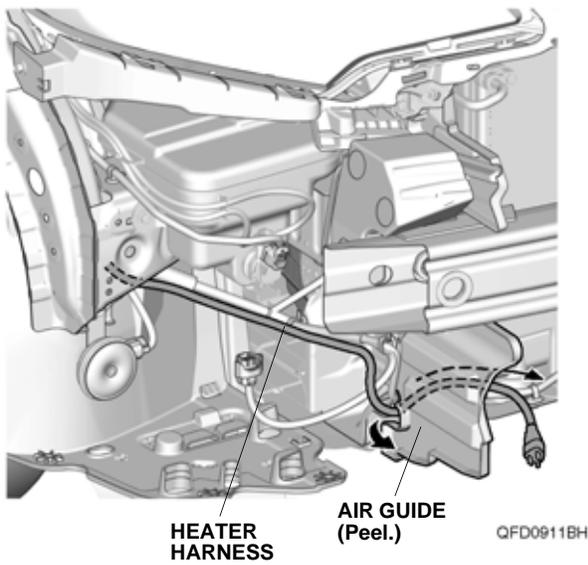
17. Secure the heater harness to the vehicle harness with two black wire ties.



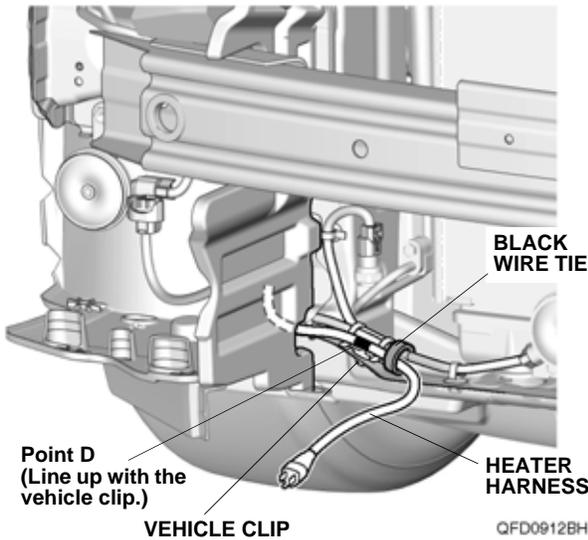
18. Route the heater harness as shown. Then, secure the heater harness to the vehicle harness with three black wire ties.



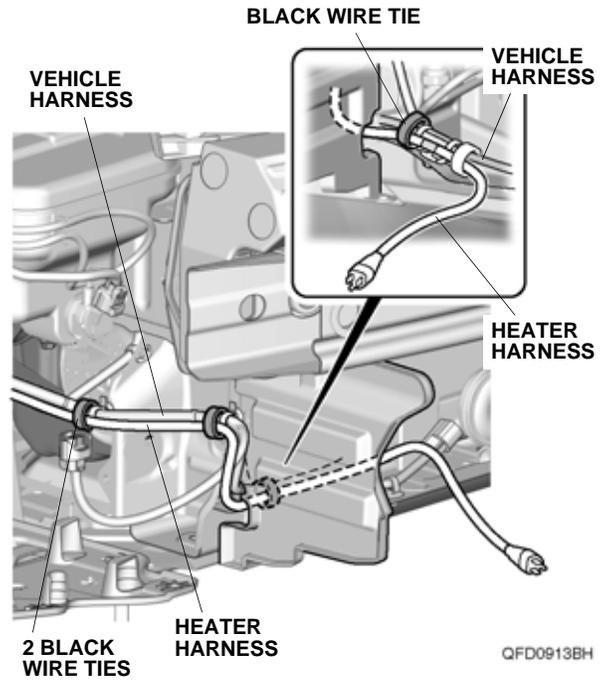
19. Route the heater harness as shown.



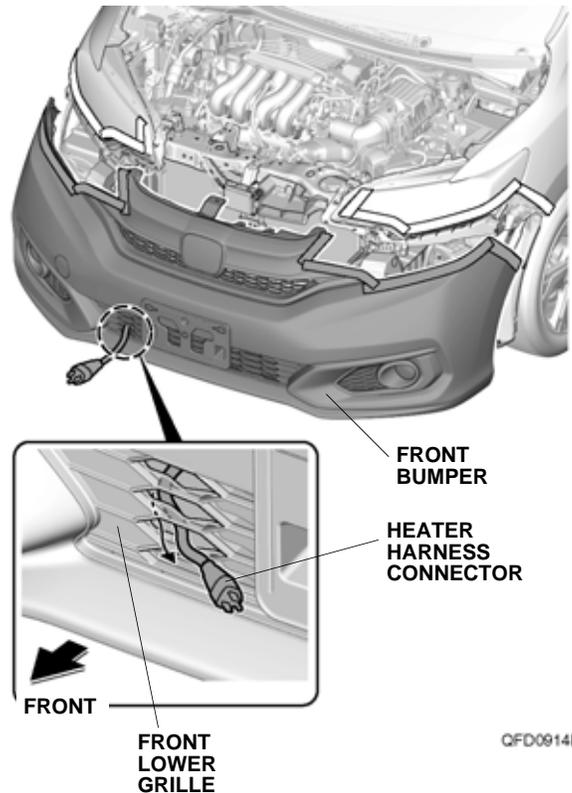
20. Line up the white mark (point D) with the vehicle clip. Secure the heater harness to the vehicle harness with one black wire tie.



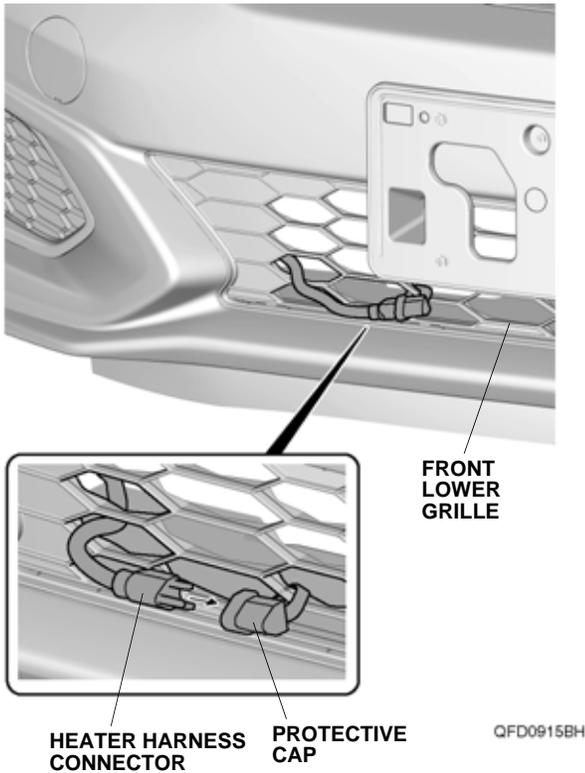
21. Secure the heater harness to the vehicle harness with three black wire ties.



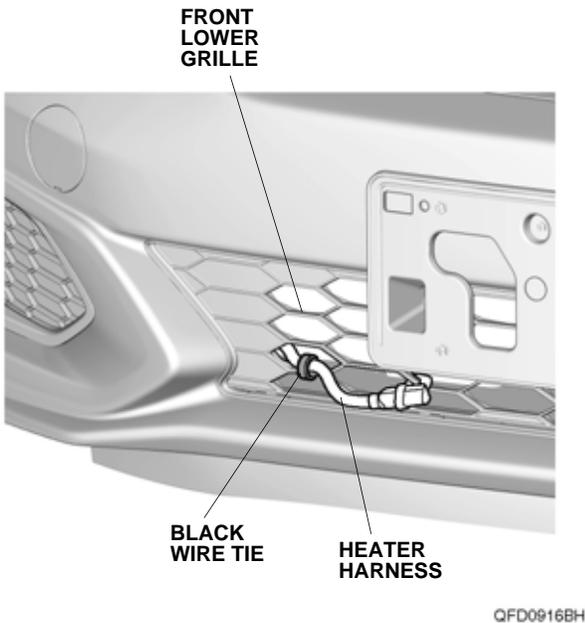
22. With the help of an assistant, bring the front bumper close to the vehicle. Route the heater harness through the front lower grille, then install the front bumper.



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



24. Secure the heater harness to the front lower grille 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 information to fill the cooling system, and check for leaks. Make sure there are no leaks 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 2 seconds to restore audio and navi (if equipped) system functions.
33. Set the clock on vehicles without navigation.
34. If necessary, restore the systems back to normal operation as described in the service information.