



HONDA INSTALLATION INSTRUCTIONS

Accessory
ENGINE BLOCK HEATER
P/N 08T44-SJA-200A

Application
2017 CIVIC
5-DOOR

Publications No.
VERSION 1

Issue Date
SEP 2016

PARTS LIST

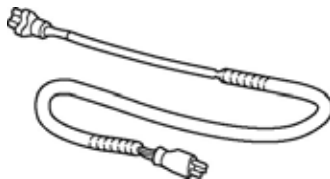
Engine block heater



Aluminum washer



Heater harness



Protective cap



12 Black wire ties
(1 Not used)



5 Wire ties with clip
(Not used)



5 Brown wire ties
(Not used)



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver

Ratchet

10 mm, 19 mm, and 24 mm Sockets

10 mm Open end wrench

Torque wrench

5 mm Hex wrench

Diagonal cutters

Heavy gloves

Drain pan

Pushpin

Drill

3 mm and 6 mm Drill bits

30 mm Hole saw

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

Ruler

Tape measure

White marker

Coolant (Honda Genuine Long Life Antifreeze/Coolant Type 2)

Blanket

Fender cover

Masking tape

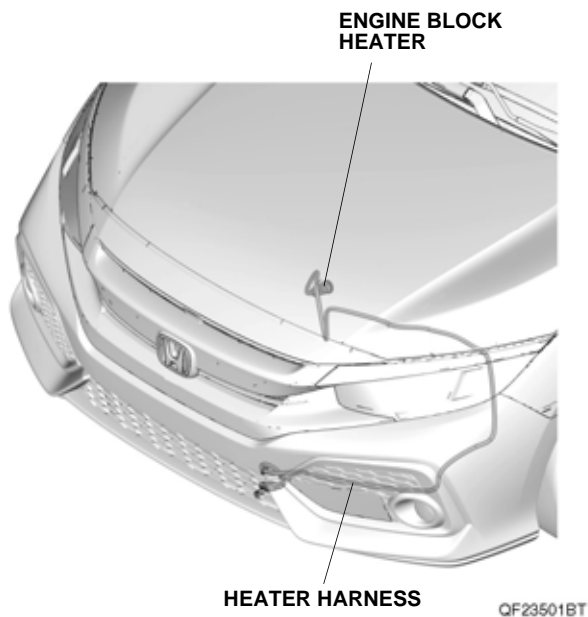
File

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



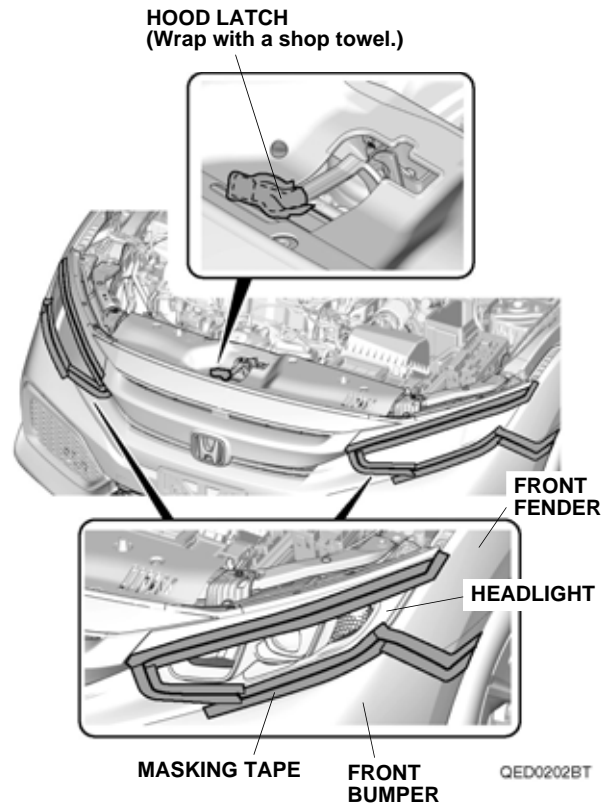
INSTALLATION

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.”

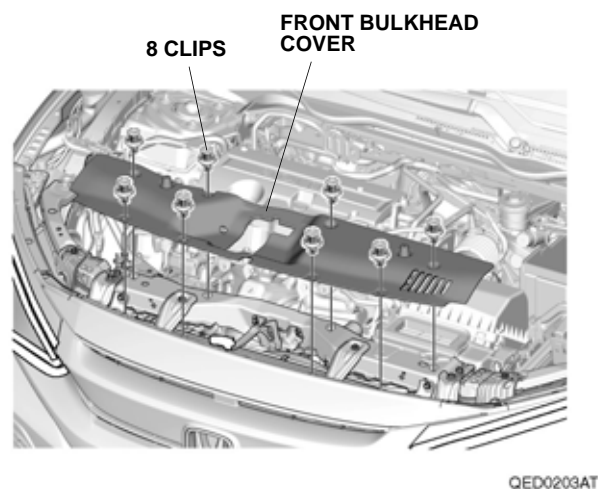
NOTICE:

- 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.

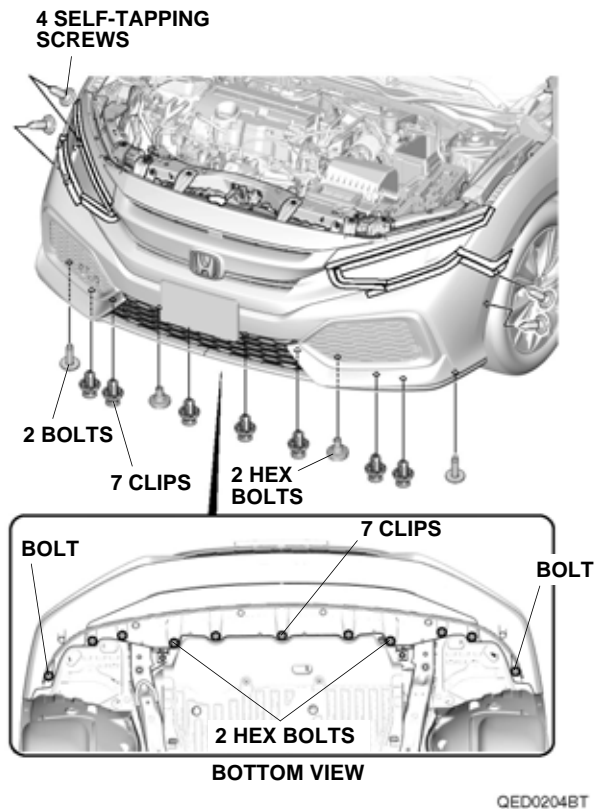
4. Remove the front bumper:
 - Apply masking tape as shown.
 - Wrap a shop towel around the hood latch.



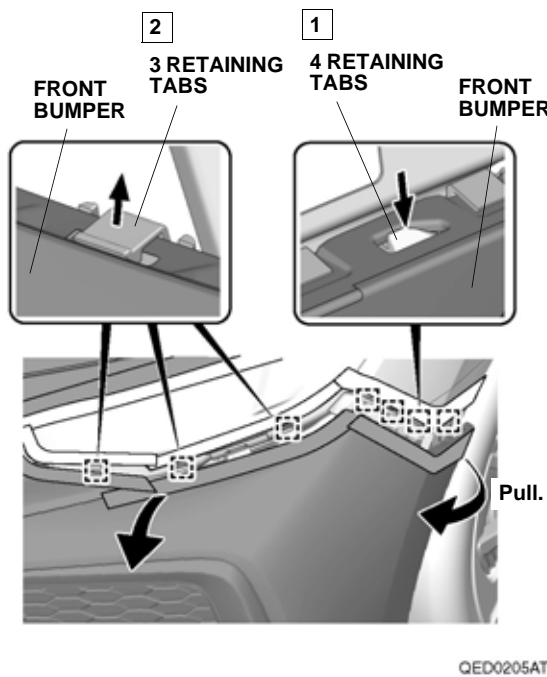
- Remove the front bulkhead cover (eight clips).



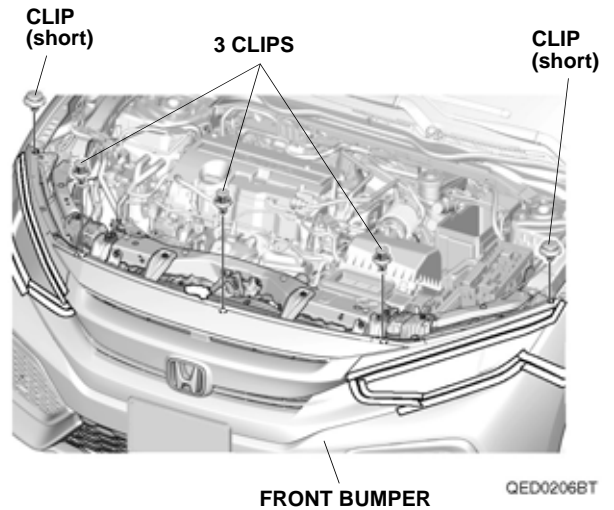
- Remove the four self-tapping screws, two bolts, two hex bolts, and seven clips.



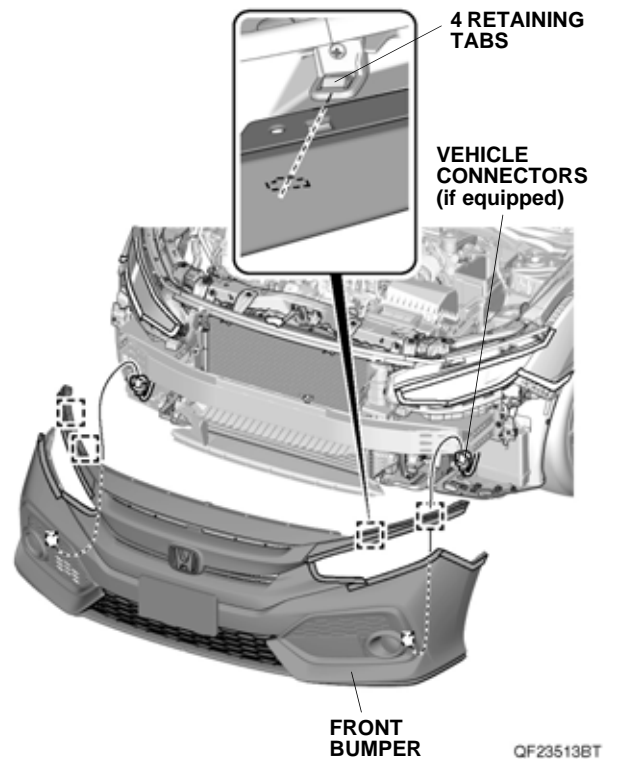
- With the help of an assistant, release the seven retaining tabs on each side.
NOTE: Remove the retaining tabs from the outside in the order shown. Make sure to remove the retaining tabs in the correct direction.



- Remove the five clips.

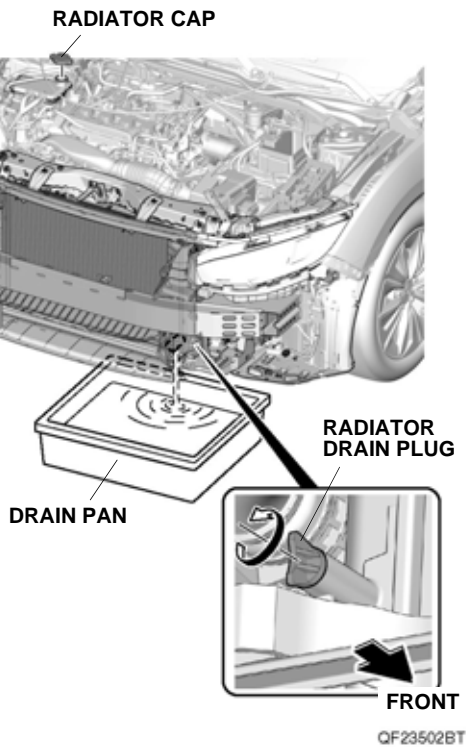


- With the help of an assistant, remove the front bumper. Place the front bumper on a blanket to prevent damage.



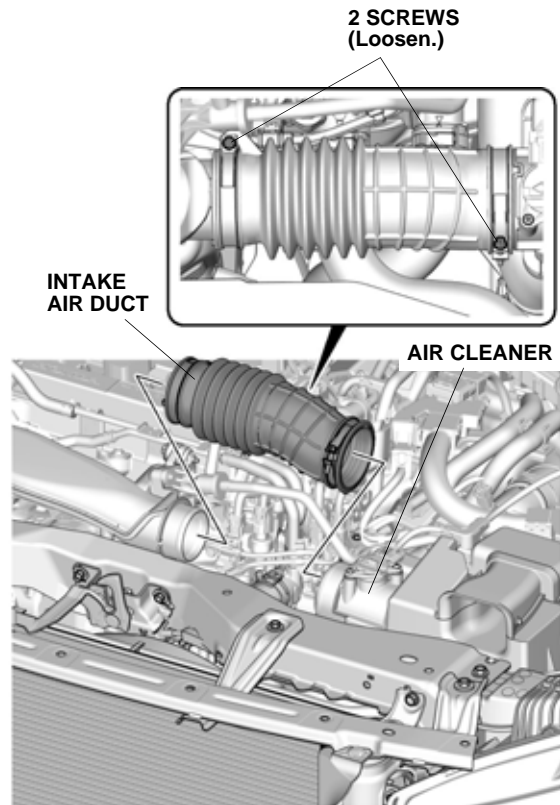
5. Place a clean drain pan under the radiator drain plug, then remove the drain plug from the bottom of the radiator to drain the coolant. Remove the radiator cap to increase the flow.

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



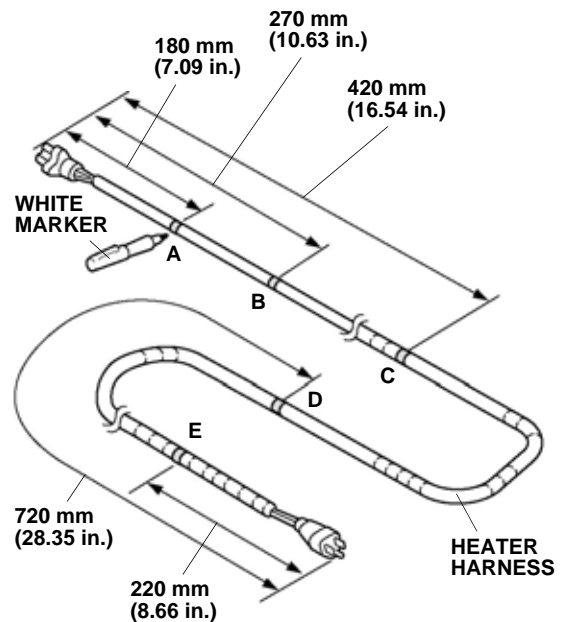
6. Drain the coolant completely, then reinstall the radiator cap.

7. Remove the intake air duct.



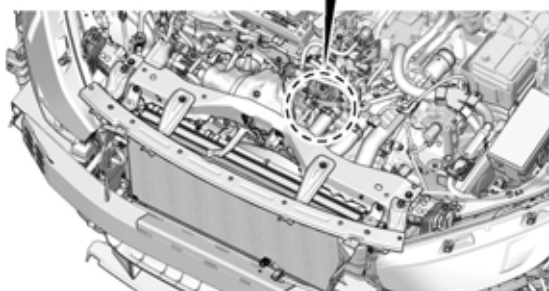
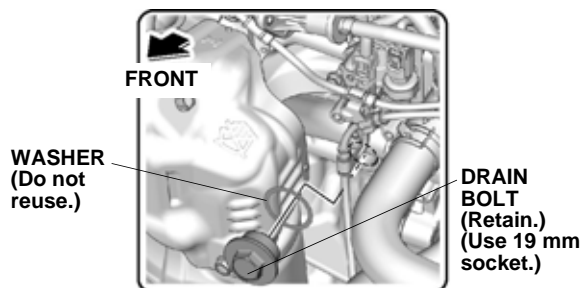
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8. Using a tape measure, measure and mark the heater harness as shown.



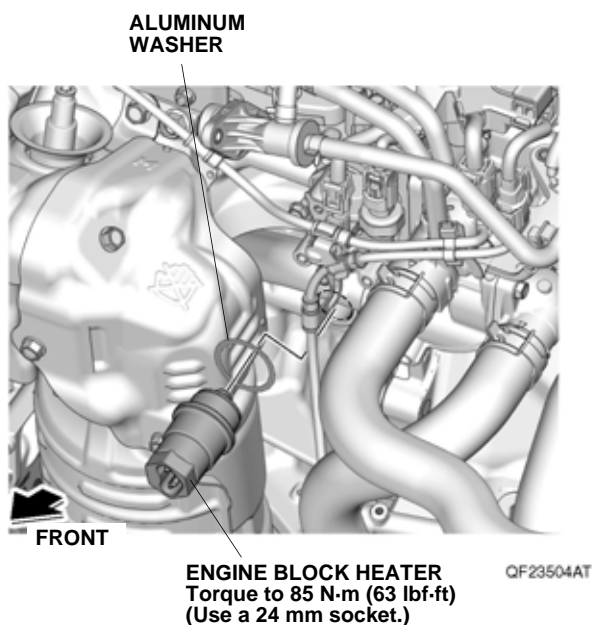
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9. Locate and remove the drain bolt and washer. Coolant remaining in the engine jackets will flow out of the bolt hole when the bolt is removed. Retain the drain bolt in case the engine block heater is removed.
NOTE: Use a new washer if the drain bolt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



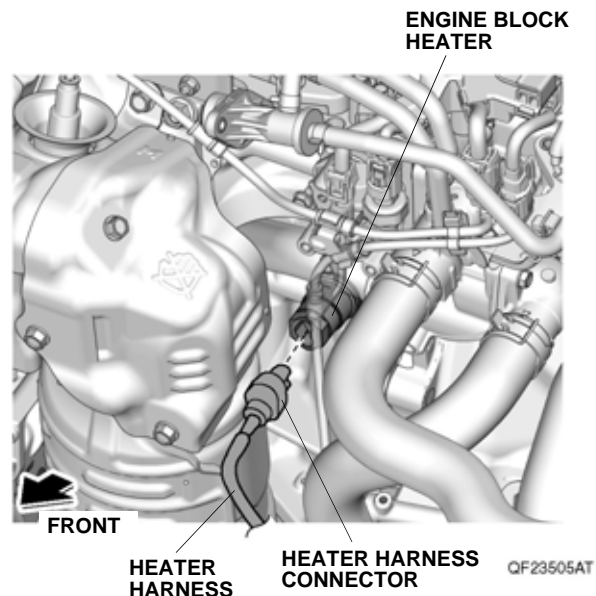
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10. Install the engine block heater with the aluminum washer using a 24 mm socket. Torque the engine block heater to 85 N·m (63 lbf·ft).

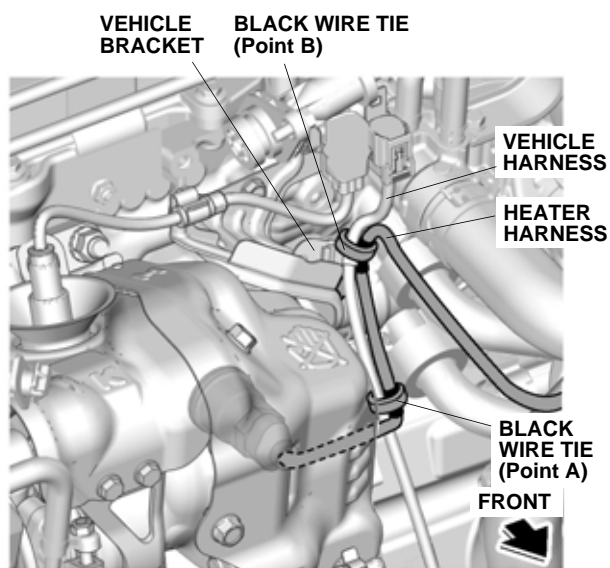


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11. Plug the heater harness connector into the engine block heater. Make sure it is fully seated in the engine block heater.

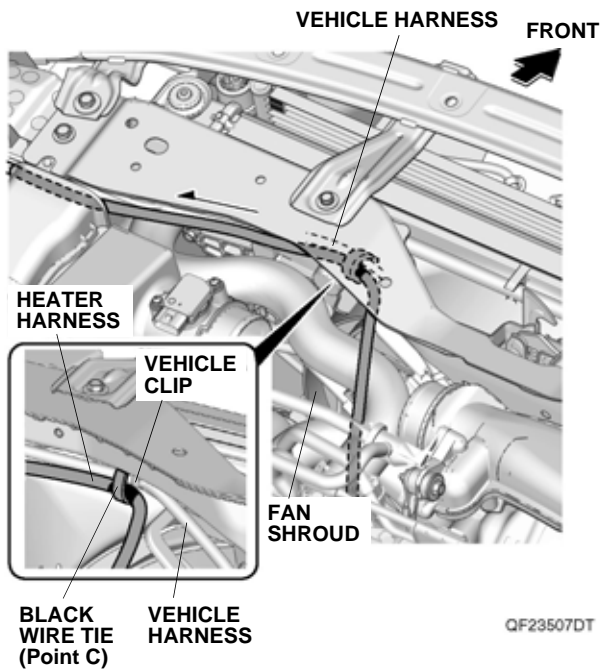


12. Secure the heater harness to the vehicle bracket and vehicle harness with two black wire ties at points A and B.

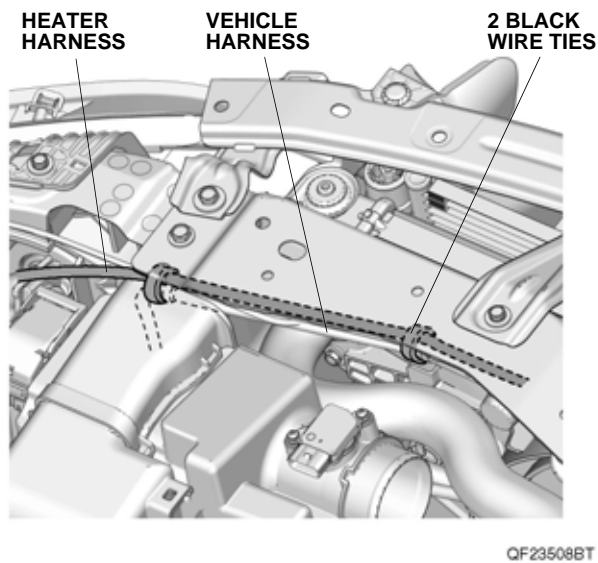


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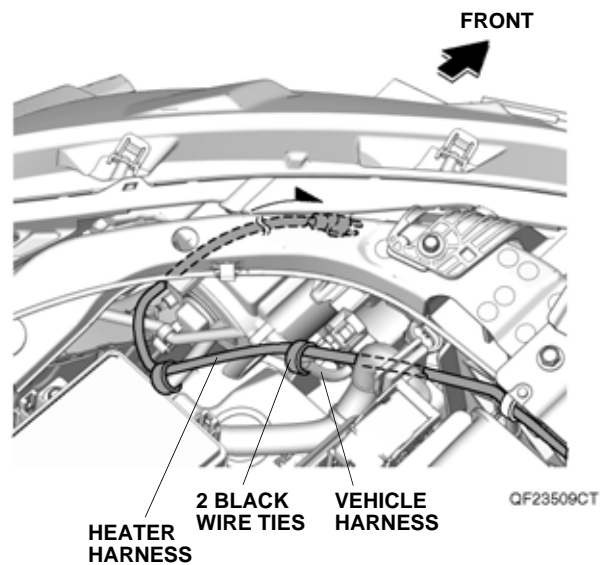
13. Route the heater harness toward the fan shroud and secure it to the vehicle harness with one black wire tie at point C.



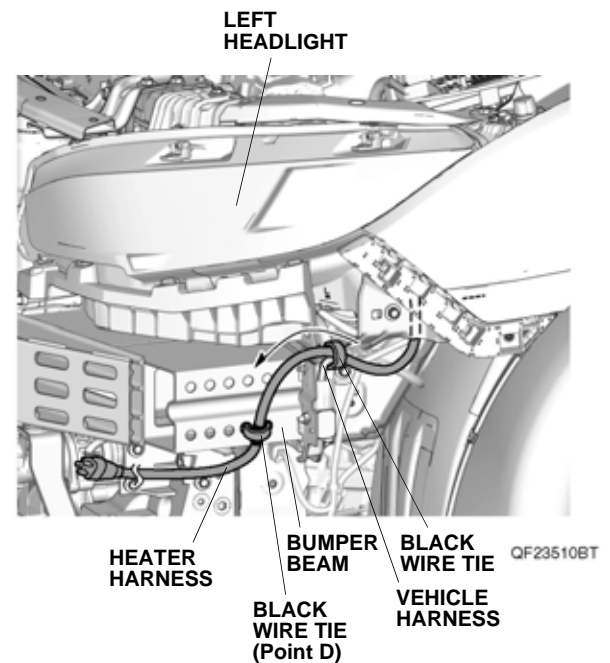
14. Secure the heater harness to the vehicle harness with two black wire ties.



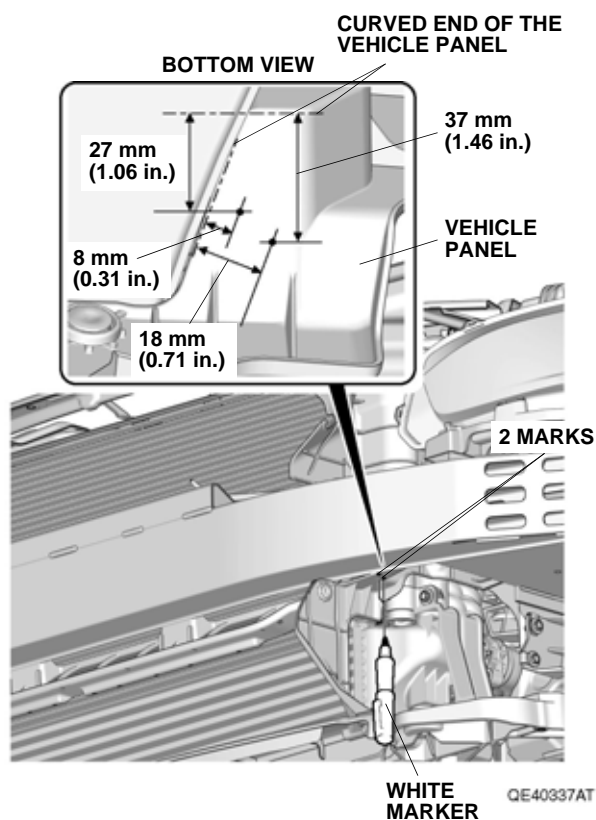
15. Route the heater harness behind the bumper beam and secure it to the vehicle harness with two black wire ties.



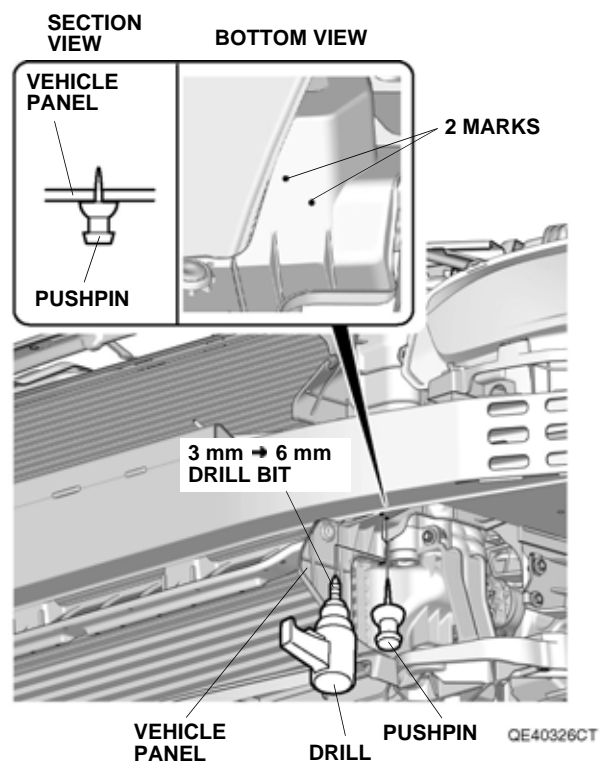
16. Route the heater harness as shown and secure it to the vehicle harness with one black wire tie and to the bumper beam with one black wire tie at point D.



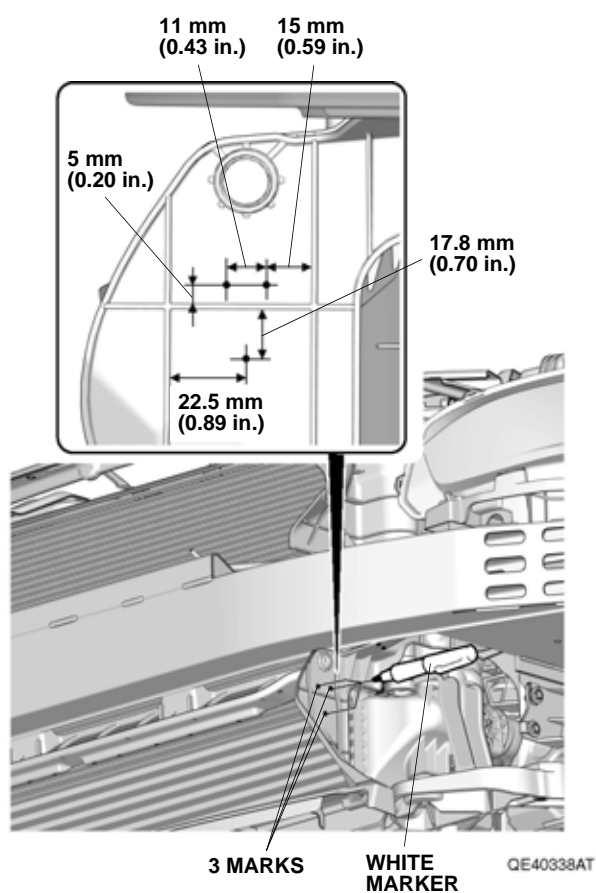
17. Using a white marker, mark the vehicle panel as shown.



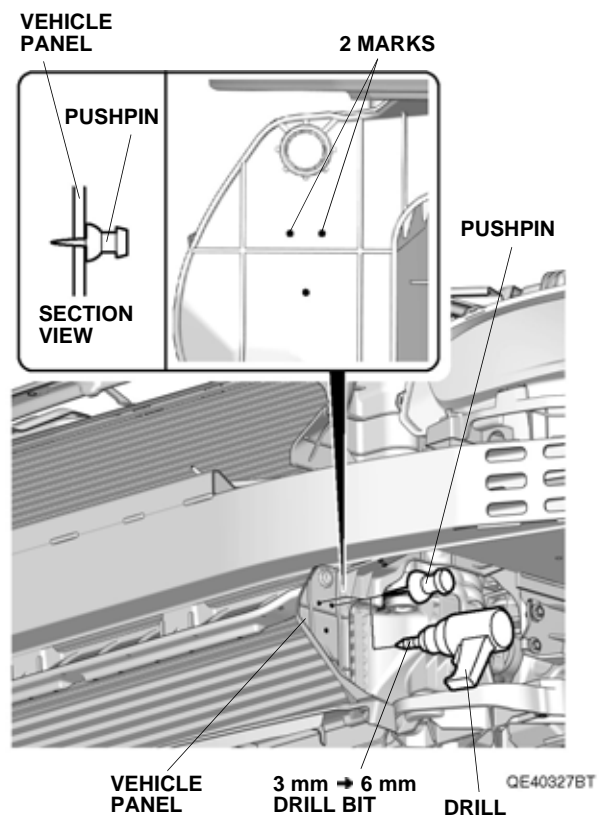
18. Using a pushpin, pierce the vehicle panel as shown. While wearing eye protection, drill two marks with a 3 mm drill bit, then enlarge the holes with a 6 mm drill bit as shown. Remove any burrs.



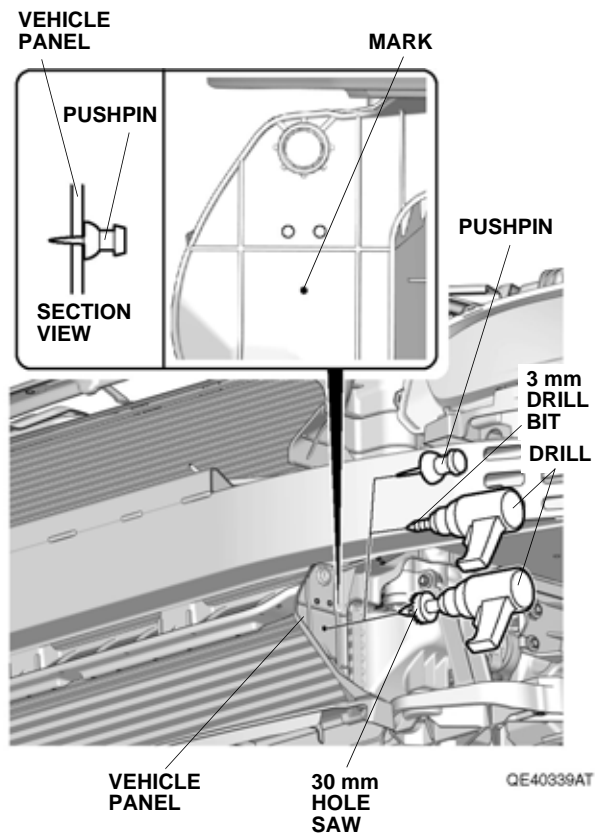
19. Using a white marker, mark the vehicle panel as shown.



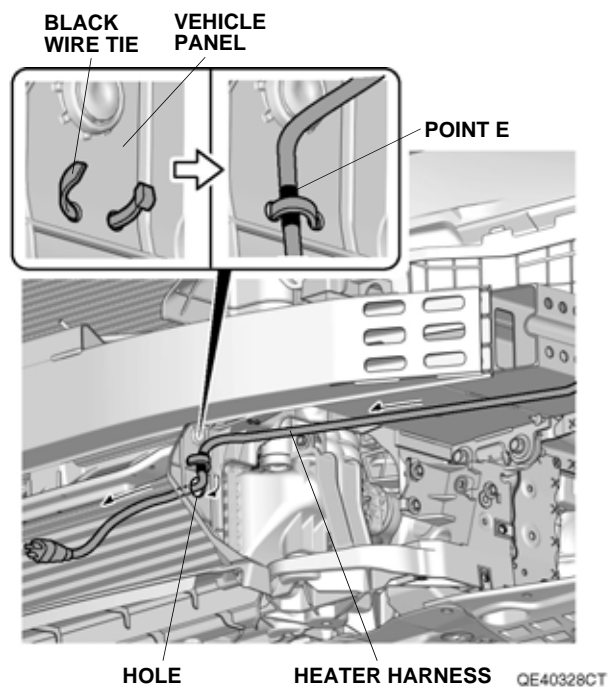
20. Using a pushpin, pierce the vehicle panel as shown. While wearing eye protection, drill two marks with a 3 mm drill bit, then enlarge the holes with a 6 mm drill bit as shown. Remove any burrs.



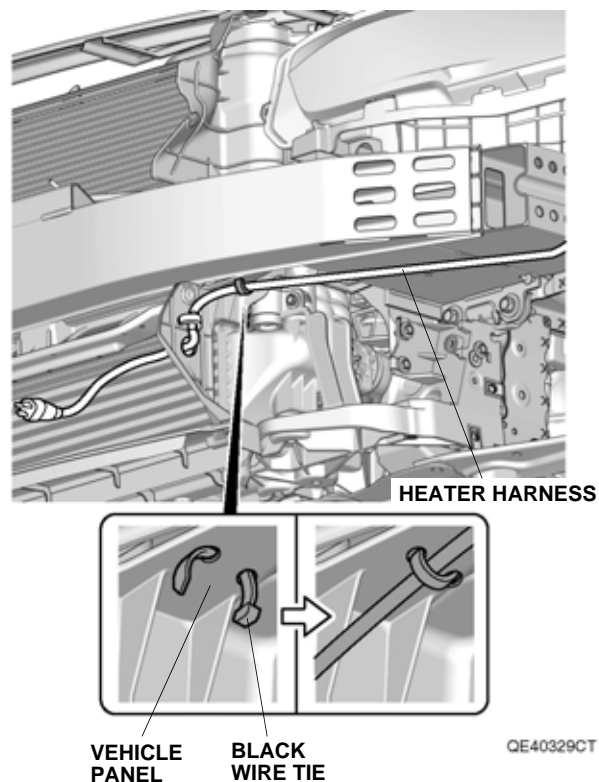
21. Using a pushpin, pierce the vehicle panel as shown. While wearing eye protection, drill one mark with a 3 mm drill bit, then enlarge the hole with a 30 mm hole saw as shown. Remove any burr.



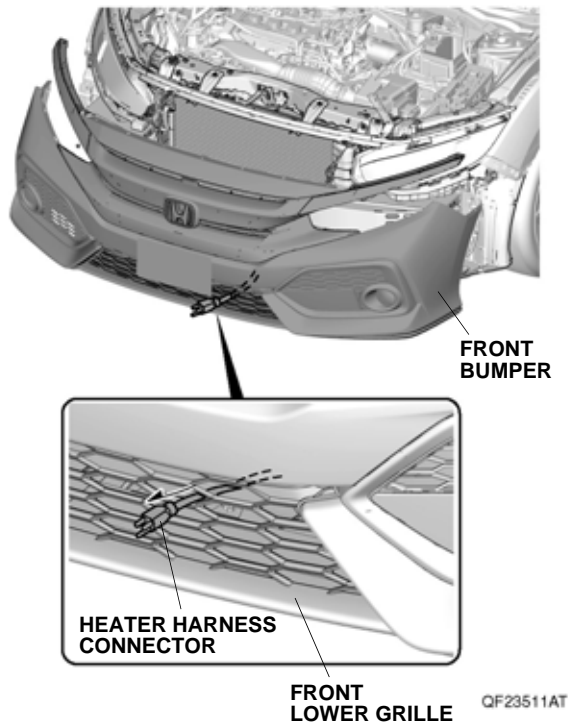
22. Route the heater harness down under the bumper beam and secure it to the vehicle panel with one black wire tie at point E.



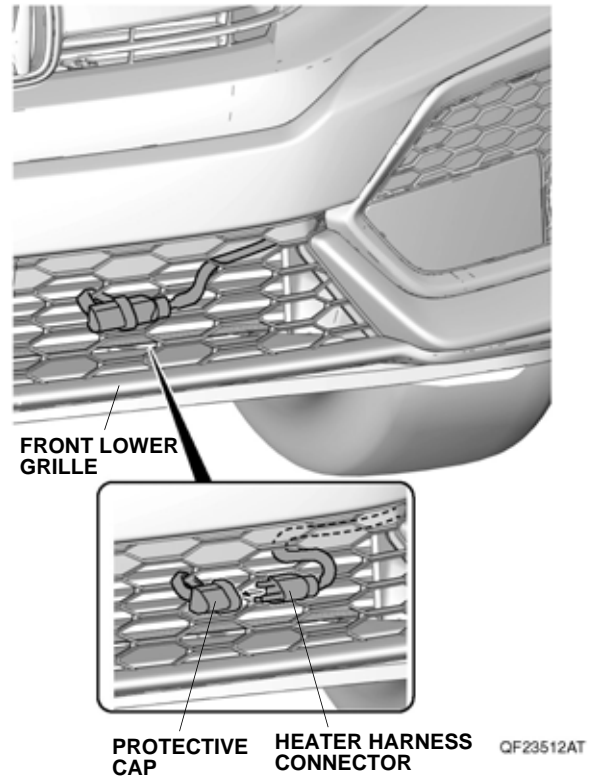
23. Secure the heater harness to the vehicle panel with one black wire tie.



24. 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.



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



26. Install all removed parts.
27. Install the radiator drain plug.
28. 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.
29. Make sure that the heater harness is routed properly and all connectors are plugged in.
30. Install the radiator cap.
31. Put the drain bolt (removed in step 9) in the glove box.
32. Connect the negative cable to the battery.
33. Press and hold the audio unit power button for 2 seconds to restore audio and navi (if equipped) system functions.
34. Set the clock.
35. If necessary, restore the systems back to normal operation as described in the service information.