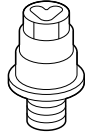


PARTS LIST

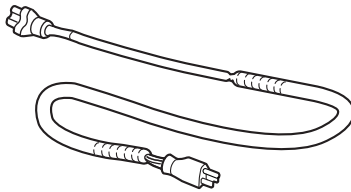
Engine block heater



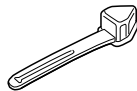
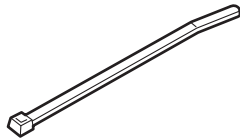
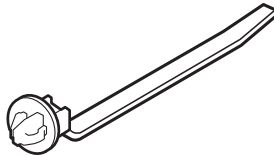
Aluminum washer



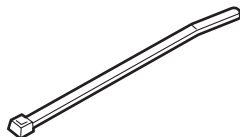
Heater harness



Protective cap

12 Black wire ties
(6 not used)7 Wire ties with clip
(5 not used)

5 Wire ties (Natural)

**TOOLS AND SUPPLIES REQUIRED**

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)

Fender cover

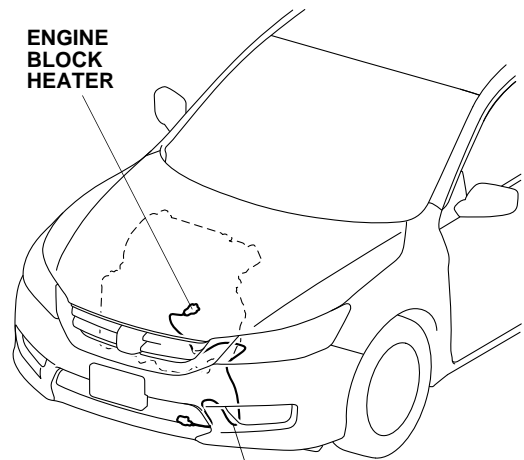
Phillips screwdriver

Masking tape

Blanket

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)

Illustration of the Engine Block Heater in the Vehicle

QB21405AE

INSTALLATION

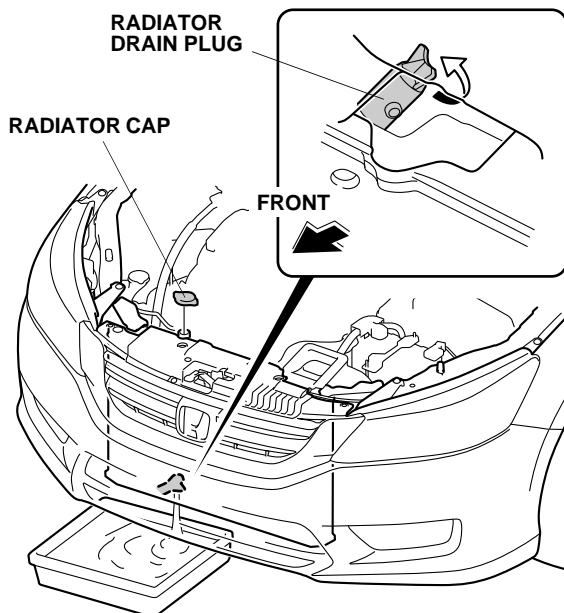
NOTE:

- 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 and you have added 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. Disconnect the negative cable from the battery.
2. Allow the engine and all cooling system components to cool down.
3. 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.

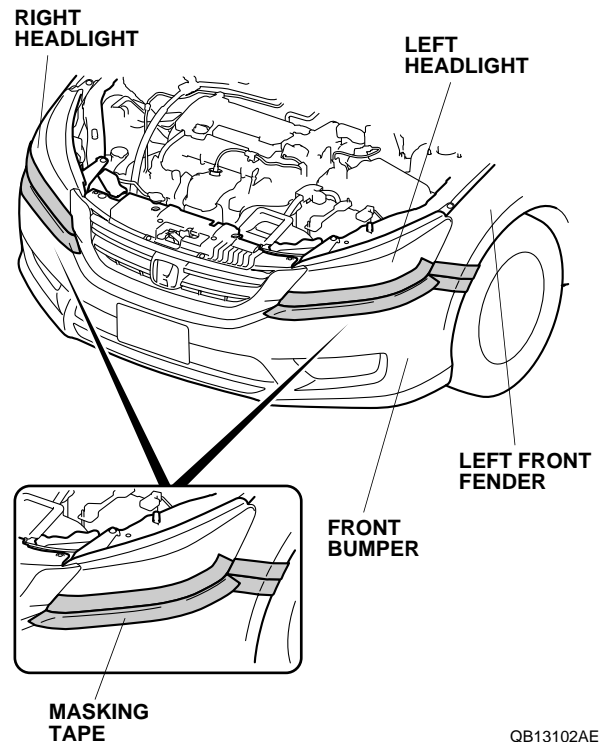
NOTICE: Radiator coolant will damage the paint. Quickly rinse any spilled coolant from the paint finish.



QB20804AE

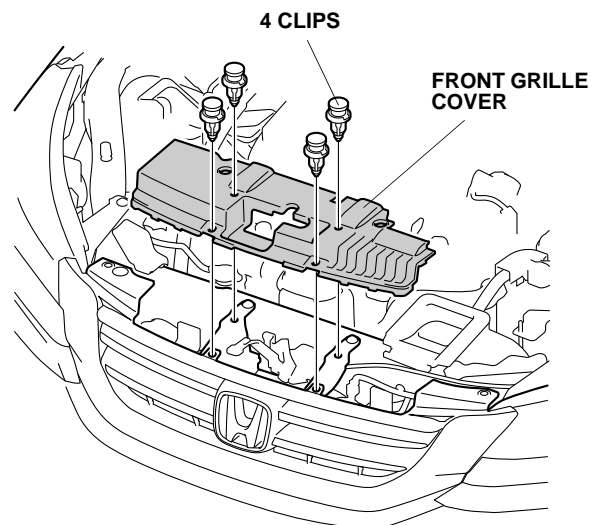
4. After the coolant drains, reinstall the radiator cap to prevent dirt and contamination from entering the radiator.

5. Attach masking tape to the front bumper, headlights and front fenders as shown.



QB13102AE

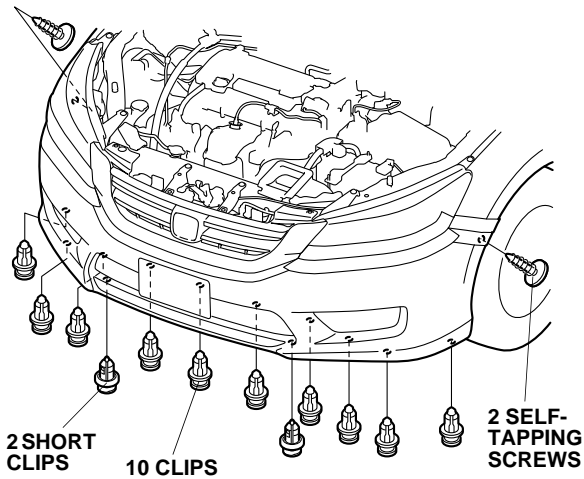
6. Remove the front grille cover (four clips).



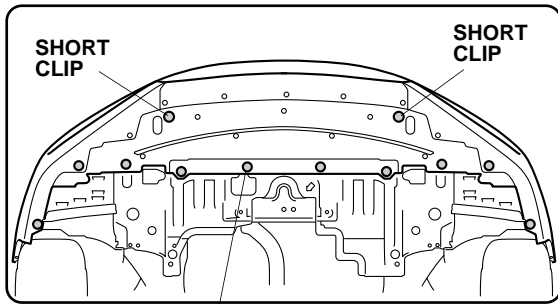
QB13103AE

7. Remove the front bumper.

- Remove the two self-tapping screws, ten clips, and two short clips.

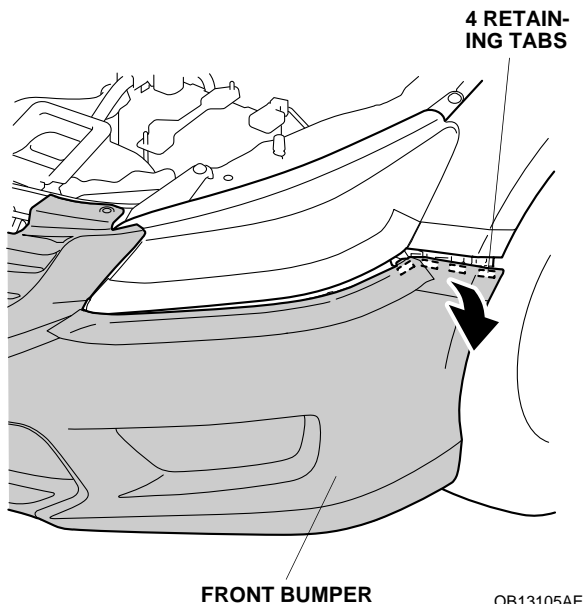


BOTTOM VIEW



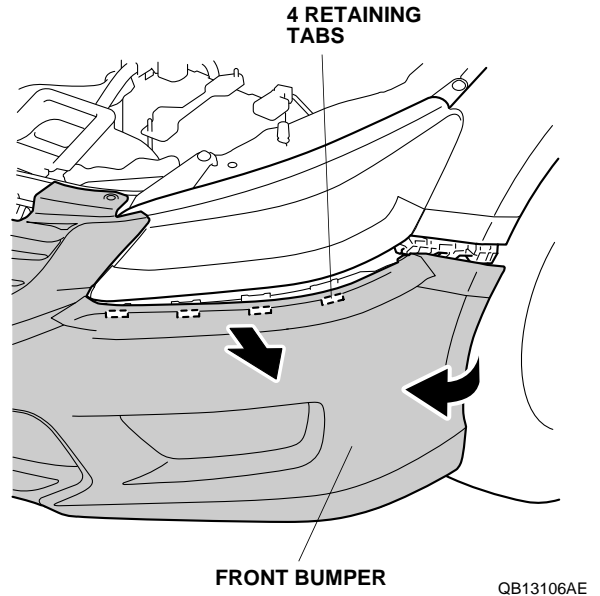
QB13104BE

- Release the four retaining tabs on each side.



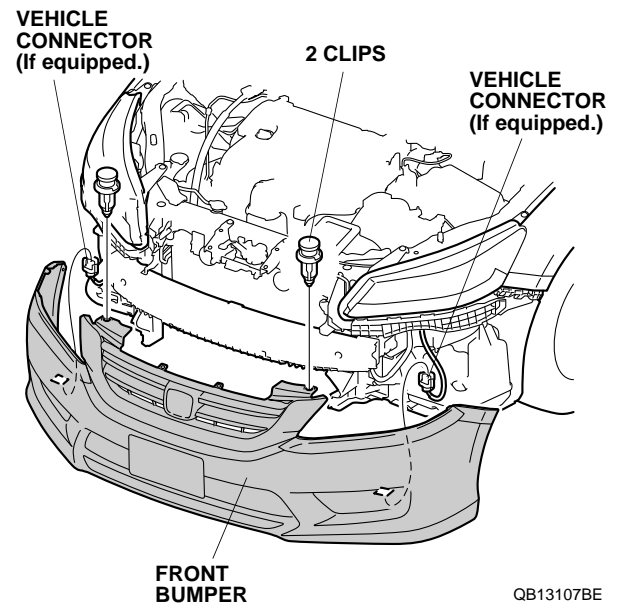
QB13105AE

- Release the four retaining tabs on each side.



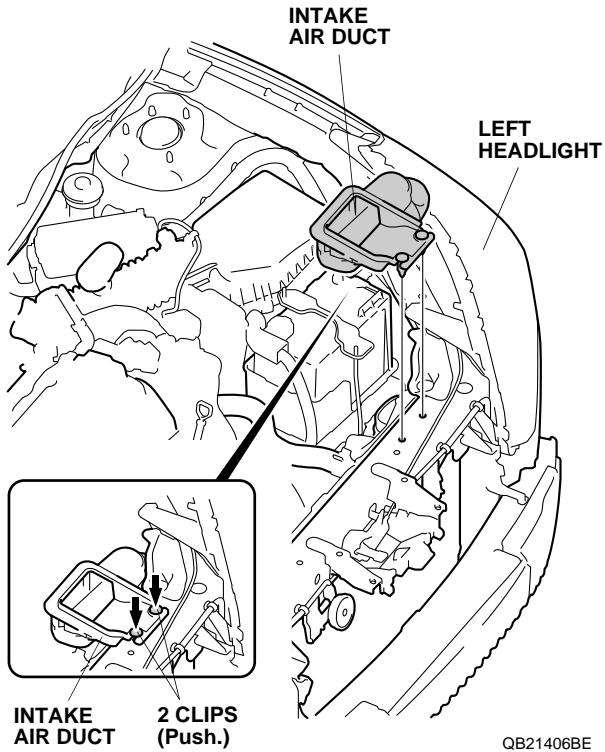
QB13106AE

- Remove the two clips.
- With the help of an assistant, remove the front bumper.
- Place the front bumper on a blanket.

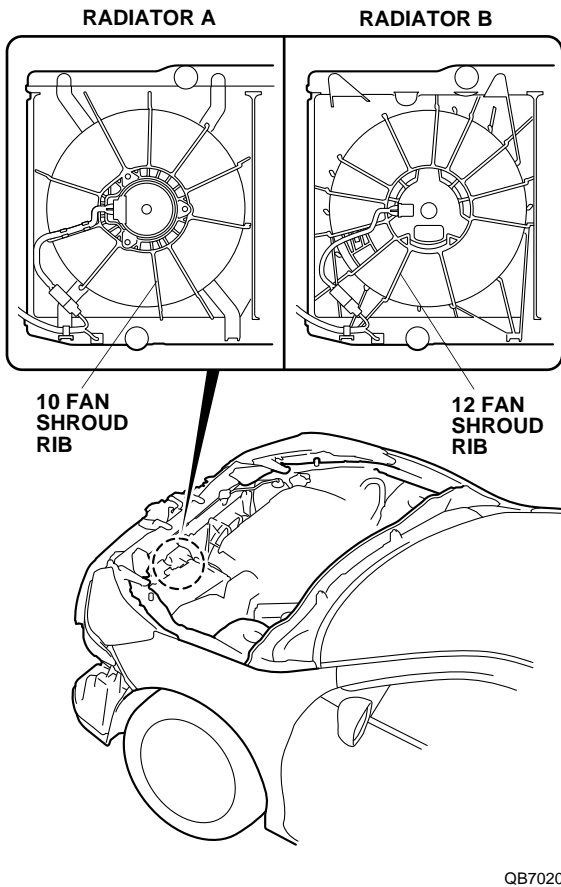


QB13107BE

- Remove the intake air duct (two clips).



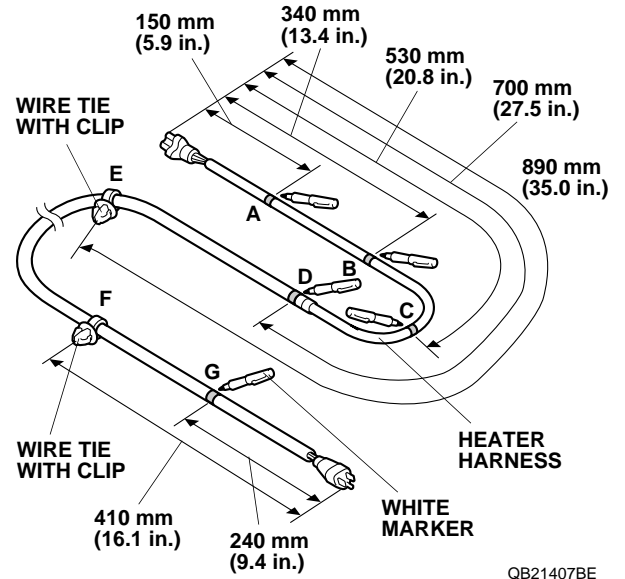
- Check the shape of the radiator.



If the vehicle is equipped with the radiator A (10 fan shroud rib), go to step 10; If the vehicle is equipped with the radiator B (12 fan shroud rib), go to step 12.

With Radiator A (10 fan shroud rib)

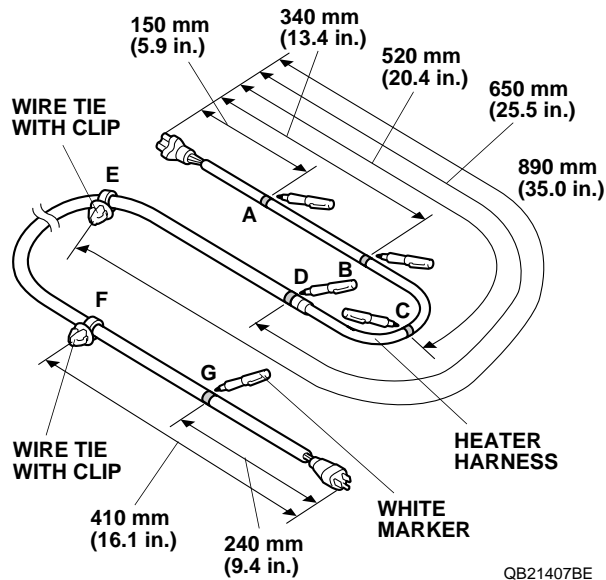
- Get the heater harness. Using a tape measure, install a wire tie with clip to the heater harness at the measurements (E) and (F).



- Using a white marker, mark the heater harness at the measurements (A), (B), (C), (D), and (G). Go to step 14.

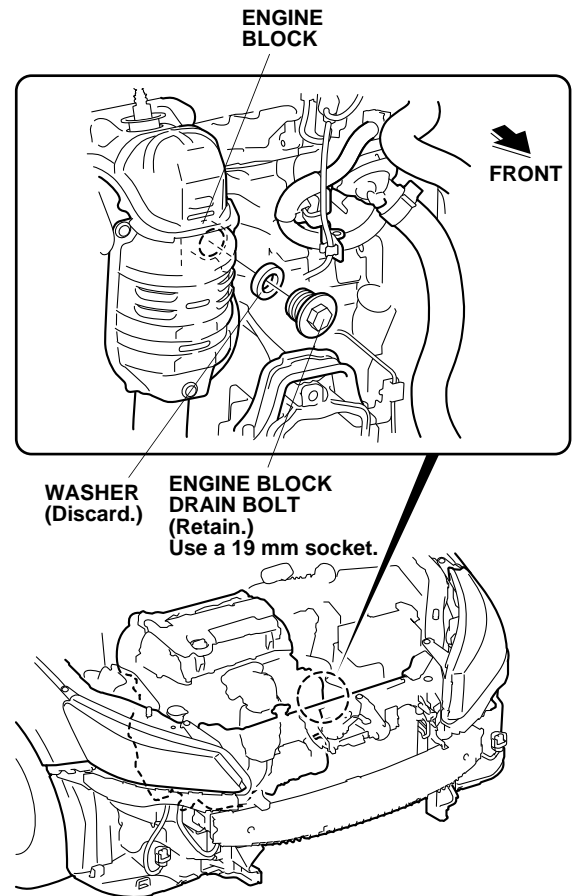
With radiator B (12 fan shroud rib)

- Get the heater harness. Using a tape measure, install a wire tie with clip to the heater harness at the measurements (E) and (F).



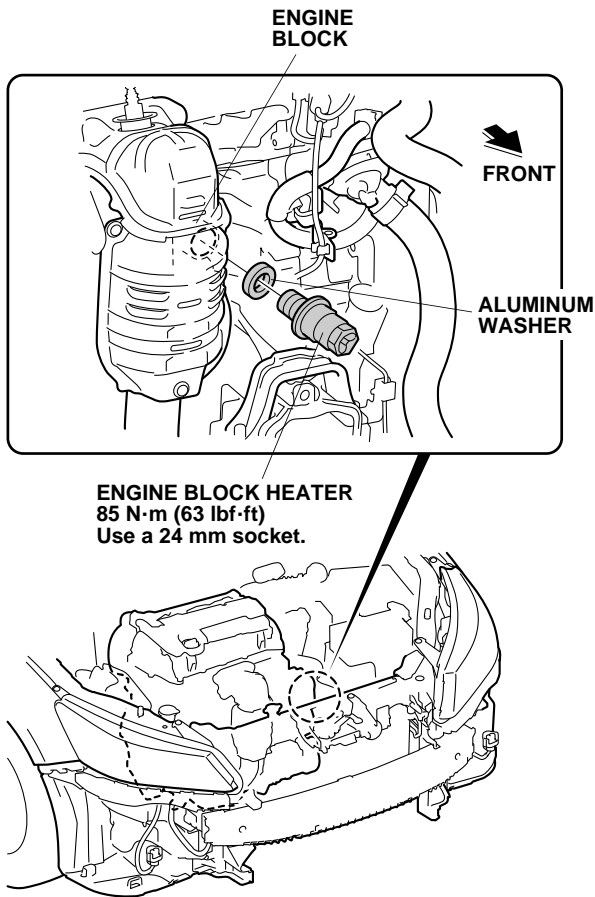
- Using a white marker, mark the heater harness at the measurements (A), (B), (C), (D), and (G).

- Locate and remove the engine block drain bolt and washer. Coolant remaining in the engine jackets will flow out of the bolt hole when the bolt is removed. (Retain the bolt in case the engine block heater is removed.)



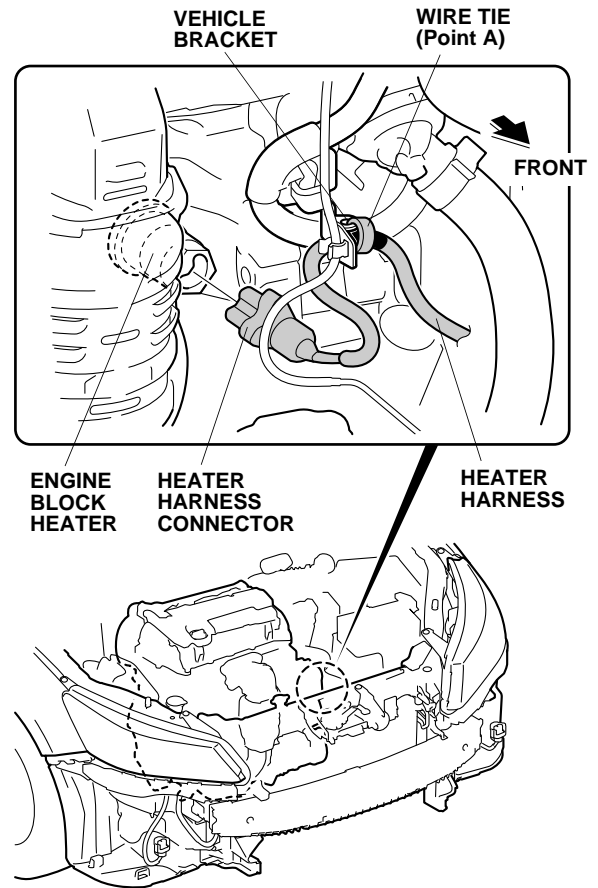
QB21501CE

15. Install the engine block heater and aluminum washer into the engine block using a 24 mm socket and a torque wrench. Torque the engine block heater to 85 N·m (63 lbf·ft).



QB21502CE

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



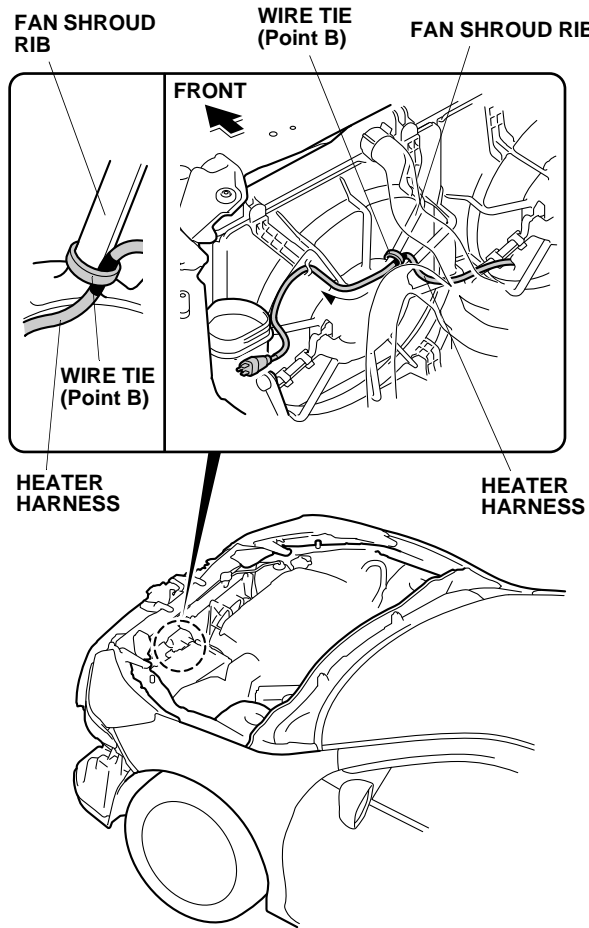
QB21503DE

17. Route the heater harness in the direction shown, and secure the heater harness to the vehicle bracket with one wire tie (point A).

If the vehicle is equipped with the radiator A (10 fan shroud rib), go to step 18; If the vehicle is equipped with the radiator B (12 fan shroud rib), go to step 22.

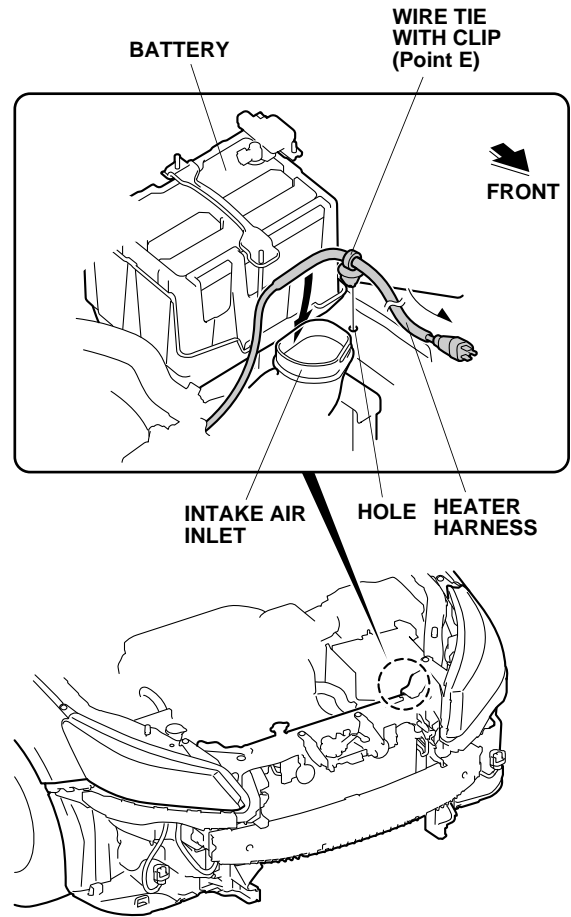
With Radiator A (10 fan shroud rib)

18. Route the heater harness as shown, and secure it to the fan shroud rib with one wire tie (point B).



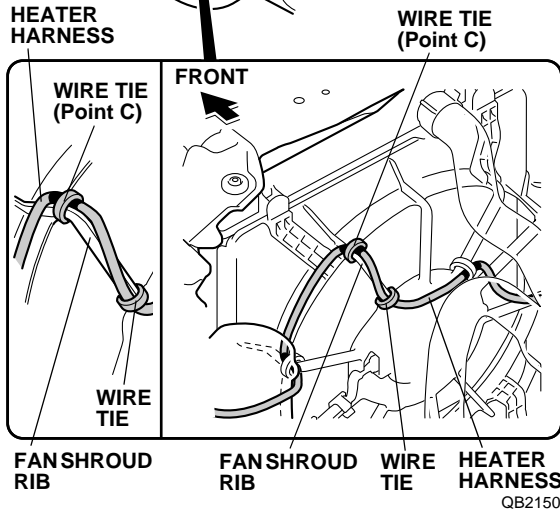
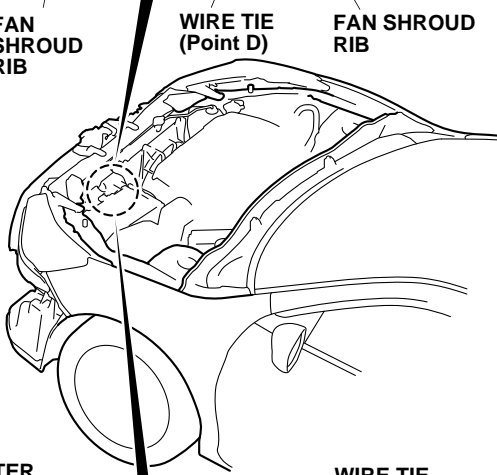
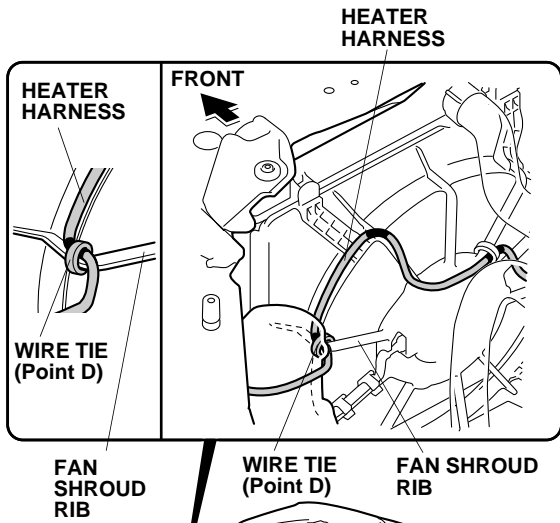
QB21504BE

19. Continue routing the heater harness around the intake air inlet as shown, and secure it to the hole in the vehicle panel with the wire tie with clip (point E).



QB71301AB

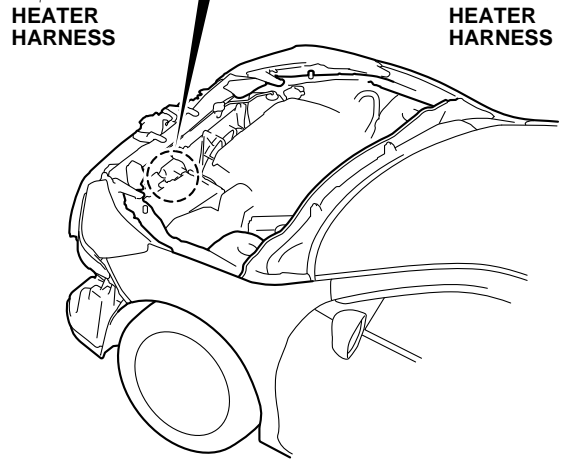
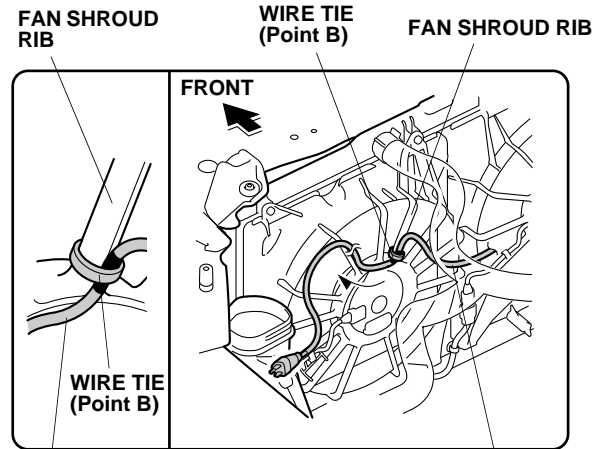
20. Secure the heater harness to the fan shroud rib with one wire tie (point D).



21. Secure the heater harness to the fan shroud rib with one wire tie (point C) and one additional wire tie. Go to step 26.

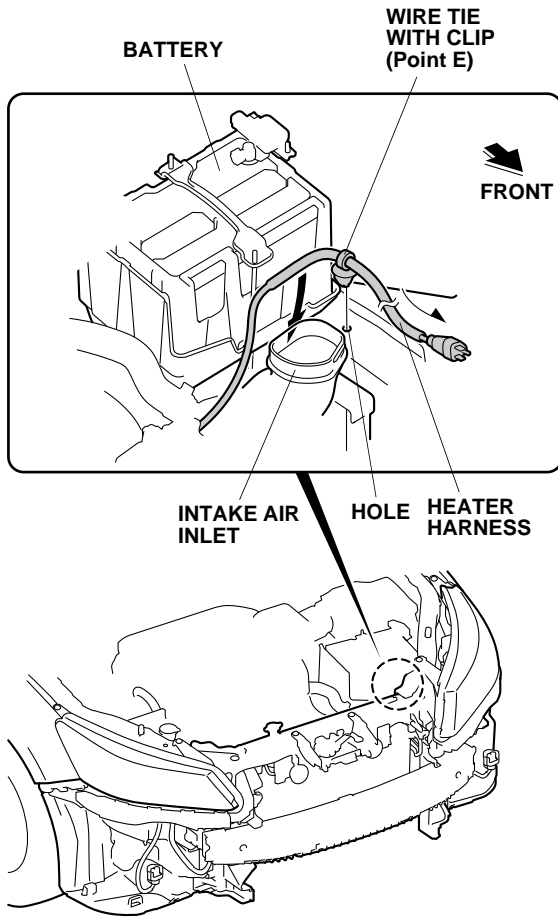
With Radiator B (12 fan shroud rib)

22. Route the heater harness as shown, and secure it to the fan shroud rib with one wire tie (point B).



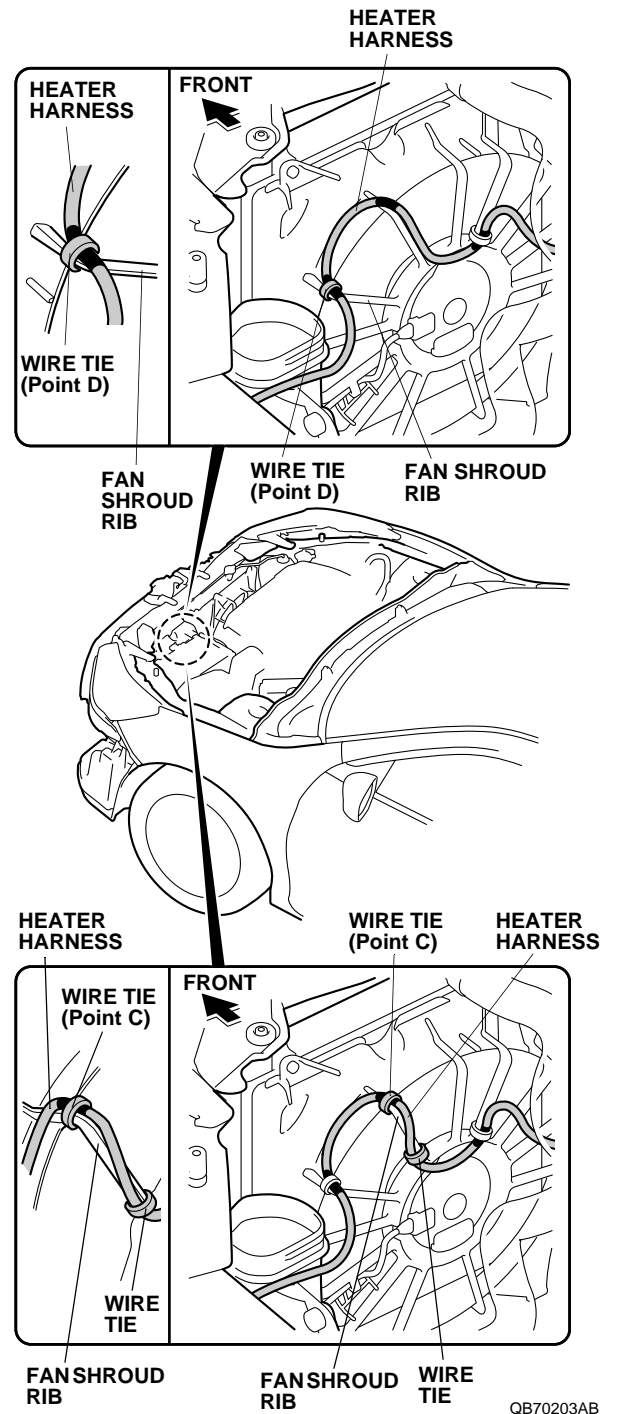
QB70202BB

23. Continue routing the heater harness around the intake air inlet as shown, and secure it to the hole in the vehicle panel with the wire tie with clip (point E).



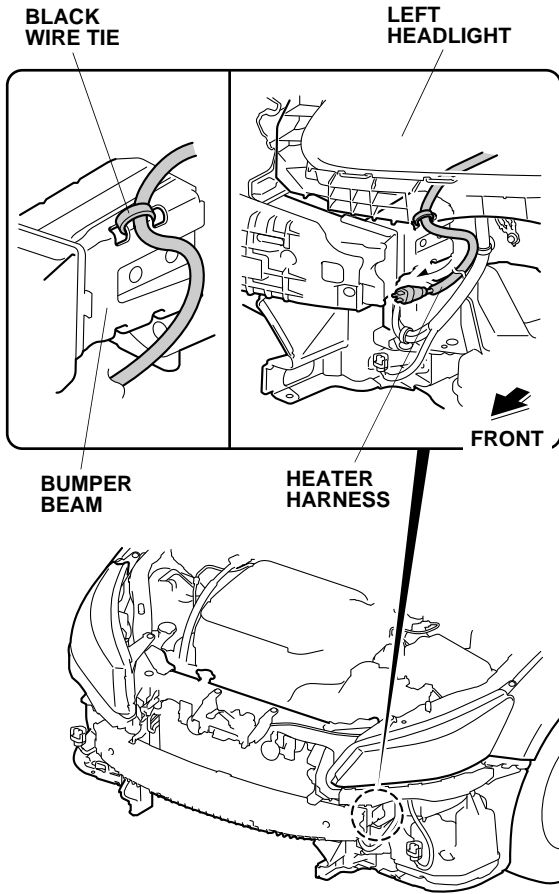
QB71301AB

24. Secure the heater harness to the fan shroud rib with one wire tie (point D).



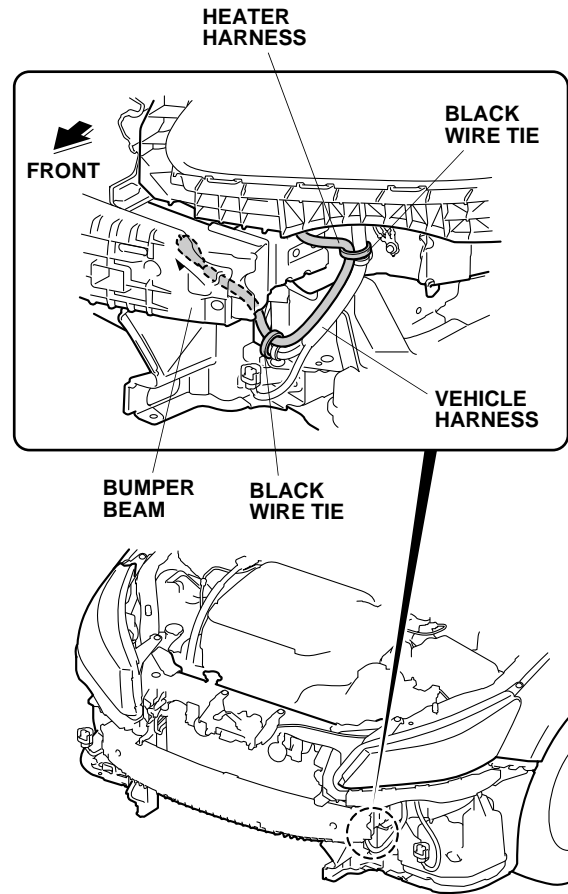
25. Secure the heater harness to the fan shroud rib with one wire tie (point C) and one additional wire tie.

26. Route the heater harness under the left headlight, and secure it to the bumper beam with one black wire tie.



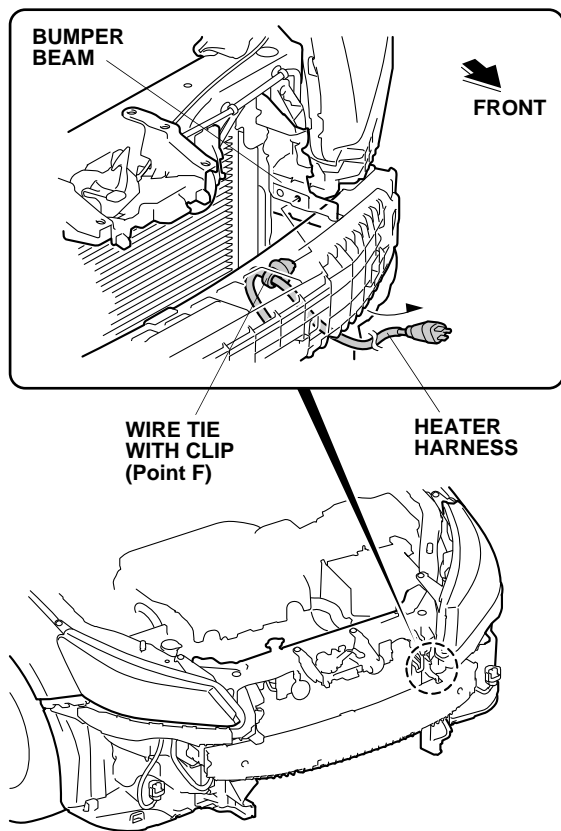
QB40401CB

27. Route the heater harness along the vehicle harness, and secure it to the vehicle harness with two black wire ties.



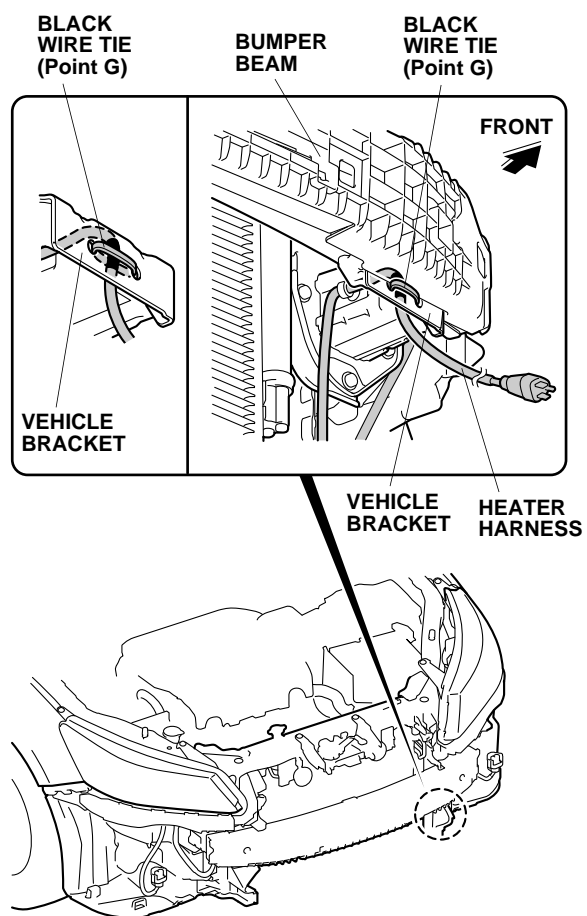
QB71302AB

28. Route the heater harness as shown, and secure it to the bumper beam with the wire tie with clip (point F).



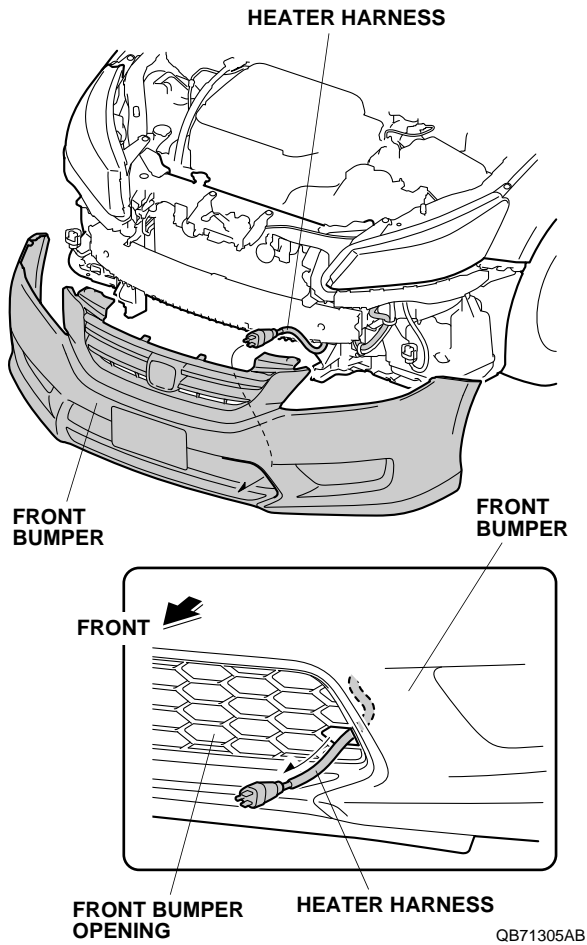
QB71303AB

29. Secure the heater harness to the vehicle bracket with one black wire tie (point G).

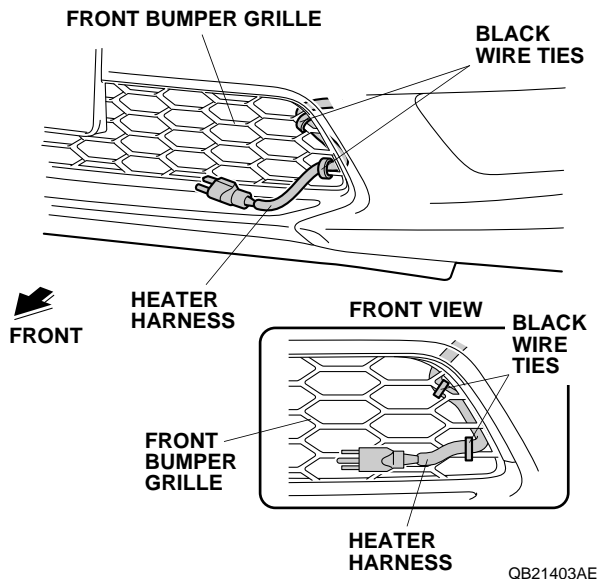


QB71304AB

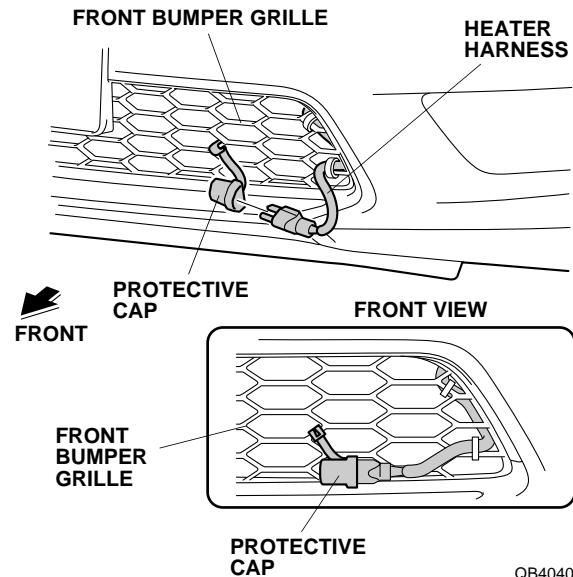
30. With the help of an assistant, route the heater harness through the front bumper opening, and reinstall the front bumper.



31. Secure the heater harness to the front bumper grille with two black wire ties.



32. Install the protective cap to the front bumper grille and plug the heater harness connector into the protective cap.



33. Reinstall all removed parts.
34. 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. Particularly check that there is no leak around the engine block heater.
35. Reinstall the radiator cap.
36. Check that the heater harness is routed properly and all connectors are plugged in.
37. Store the drain bolt (removed in step 14) in the glove box.
38. Reconnect the negative cable to the battery.
39. Press and hold the radio power button for two seconds to restore the radio and navi (if equipped) system functions.
40. Reset the clock on vehicle without navigation.