



# INSTALLATION INSTRUCTIONS

Accessory

ENGINE BLOCK HEATER  
P/N 08T44-S87-100

Application

2003 PILOT

Publications No.

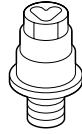
All 23610

Issue Date

MAY 2002

## PARTS LIST

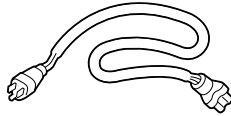
Engine block heater



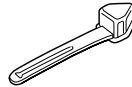
Aluminium washer



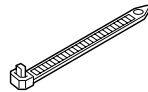
Heater harness



Protective cap



5 Wire ties  
(not reusable)



## TOOLS AND SUPPLIES REQUIRED

Ratchet

19 mm and 24 mm Sockets

Torque wrench

Diagonal cutters

Heavy gloves

Drain pan

Tape measure

White paint marker

Coolant (Honda All Season Antifreeze/Coolant Type 2 only; this coolant is pre-mixed with 50 percent antifreeze and 50 percent water)

### 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 before it is installed in the vehicle and before you add coolant.

## 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."

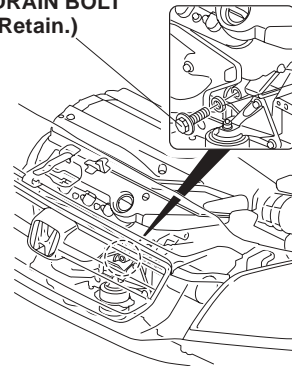
1. Allow the engine and all cooling system components to cool down.
2. Place a clean drain pan under the radiator drain plug.

**NOTICE** Radiator coolant will damage paint. Quickly rinse any spilled coolant from painted surfaces.

3. Locate the engine block drain bolt. While wearing heavy gloves, loosen the engine drain bolt. Remove the radiator cap to increase the flow. Coolant remaining in the engine jackets flows out of the bolt hole when the bolt is removed. (Retain the bolt and washer in case the block heater is removed.)

DRAIN BOLT  
(Retain.)

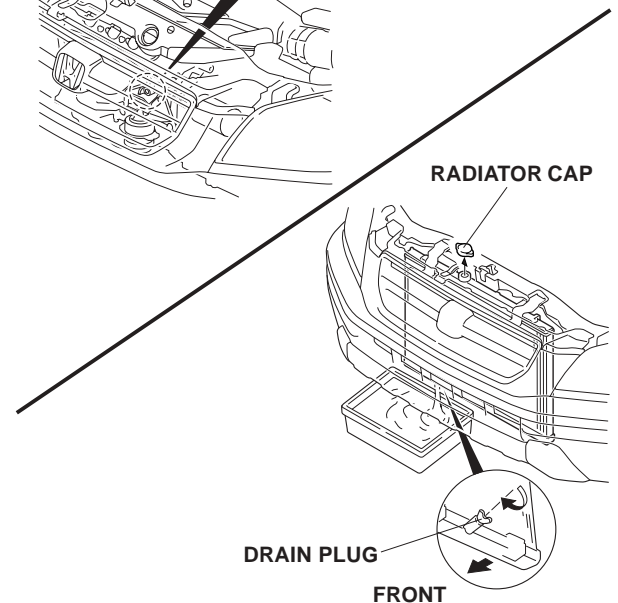
WASHER  
(Retain.)



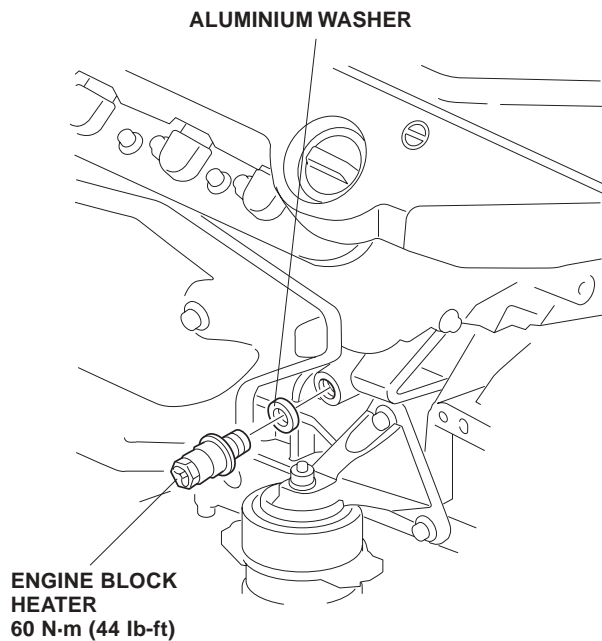
RADIATOR CAP

DRAIN PLUG

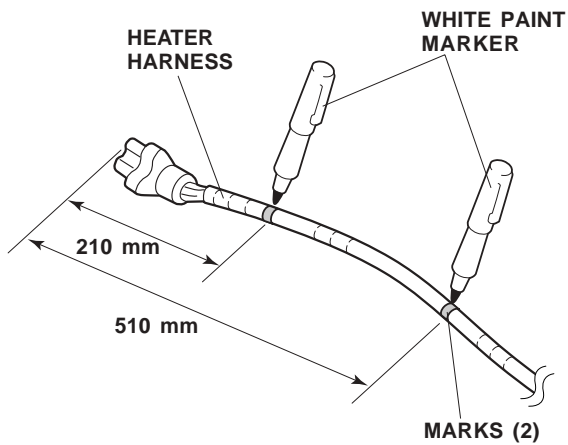
FRONT



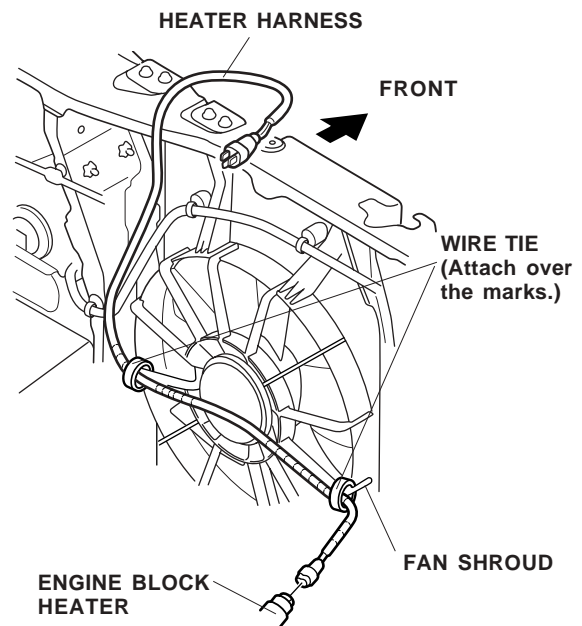
4. While wearing heavy gloves, install the new aluminium washer and the engine block heater into the bolt hole using a 24 mm socket and a torque wrench. Torque the engine block heater to 60 N·m (44 lb-ft).



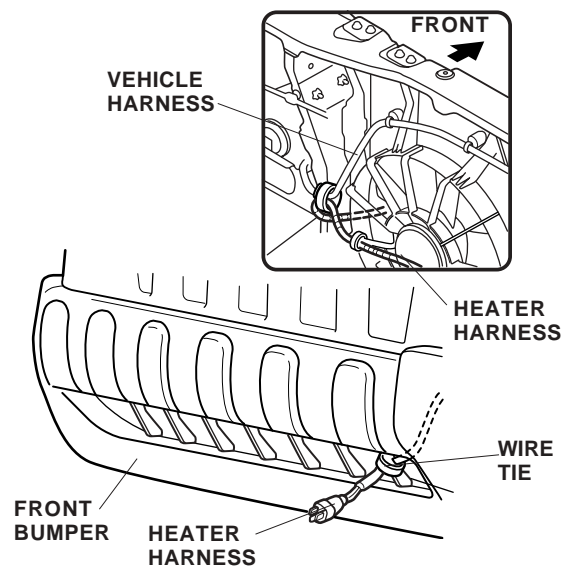
5. Using a tape measure, measure and mark the heater harness at the measurements shown.



6. Plug the connector end of the heater harness into the engine block heater, then route the heater harness so that the marks you just made on the heater harness are positioned equally on both sides of the radiator cooling fan. Secure the heater harness to the fan shroud with two wire ties in the areas shown.

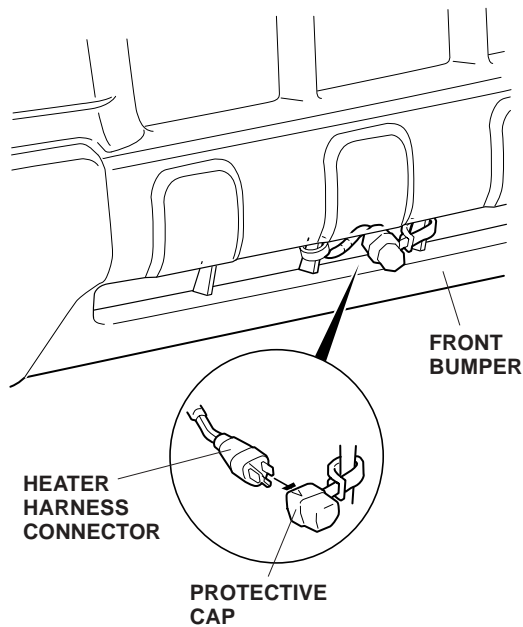


7. Continue routing the heater harness through the back of the bumper ribs and out on the right as shown.



8. Secure the heater harness to the vehicle harness with one wire tie.
9. Secure the heater harness to the front bumper rib with one wire tie in the area shown.

10. Attach the protective cap to the front bumper rib, and plug the connector of the heater harness into the protective cap.



11. Reinstall the radiator drain plug.
12. Fill the system with the recommended coolant. Follow the instructions described in the service manual.
13. Check the coolant reservoir for correct level and signs of leakage. If the coolant level in the reserve tank is at or below the MIN line, add coolant to bring it up to the MAX line. Repair as necessary.
14. Check that the heater harness is routed properly and all connectors are plugged in.
15. Put the drain bolt (removed in step 3) in the glove box.