

INSTALLATION INSTRUCTIONS

Accessory
ENGINE BLOCK HEATER

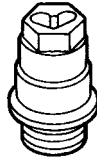
Application
2002 INSIGHT

Publications No.
All 23270
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OCT 2001

PARTS LIST

**Engine Block Heater Kit:
P/N 08T44-SV4-100**

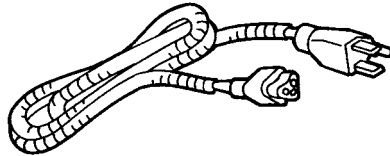
Engine block heater



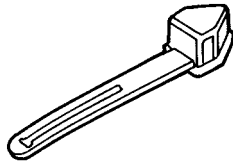
Aluminum washer



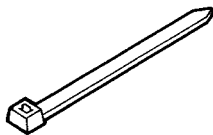
Heater harness



Protective cap

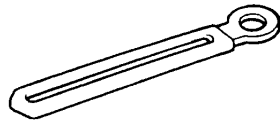


9 Short wire ties
(2 not used)

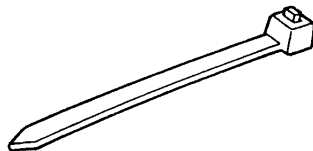


**Attachment Kit (sold separately):
P/N 08T44-S3Y-100**

2 Harness clips



3 Long wire ties



TOOLS AND SUPPLIES REQUIRED

Ratchet

10 mm, 19 mm, and 24 mm Sockets

Torque wrench

Wrench (1/2 inch)

Diagonal cutters

Drain pan

Coolant (Honda Antifreeze/Coolant only, in a 50/50 mixture with water)

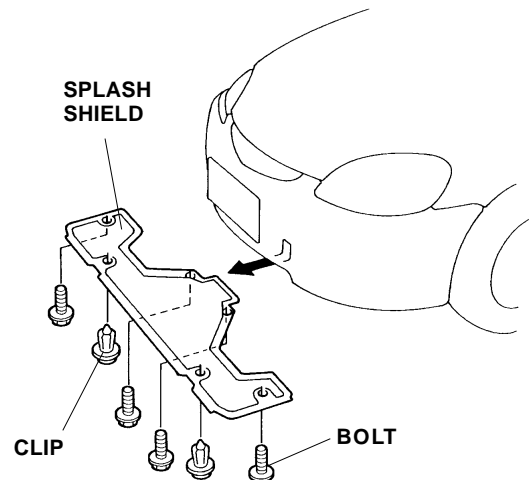
NOTE:

- Always use Honda Antifreeze/Coolant. 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

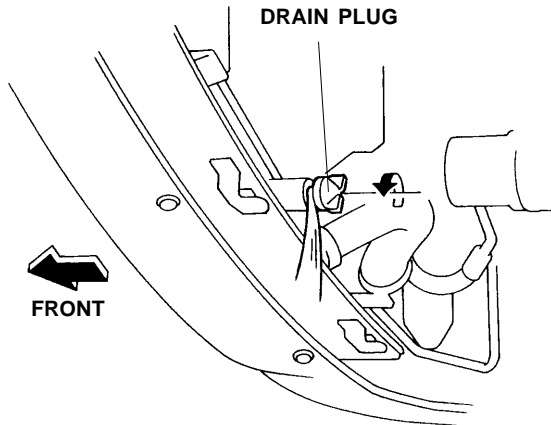
Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your car. These procedures should not be attempted by "do-it-yourselfers."

1. Allow the engine and all cooling system components to cool down.
2. Remove the splash shield (four bolts and two clips).

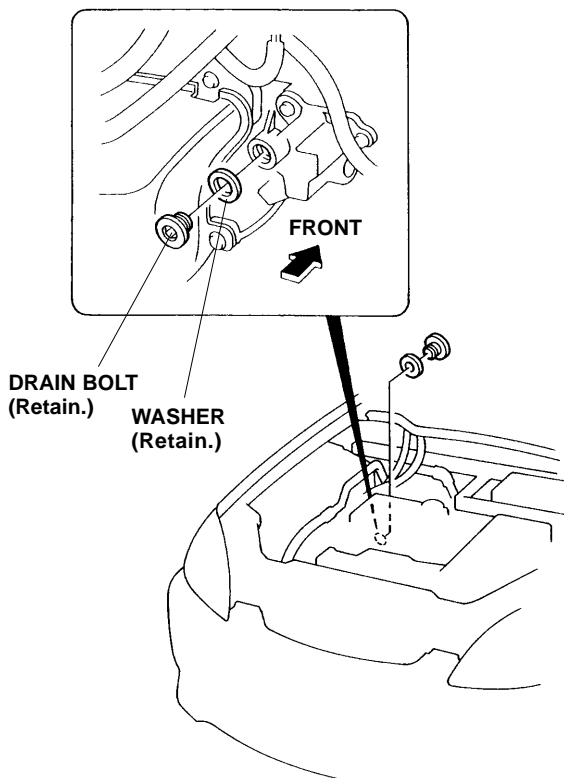


- Place a clean drain pan under the radiator drain plug, then remove the drain plug from the bottom of the radiator to drain the coolant. Remove the radiator cap to increase the flow.

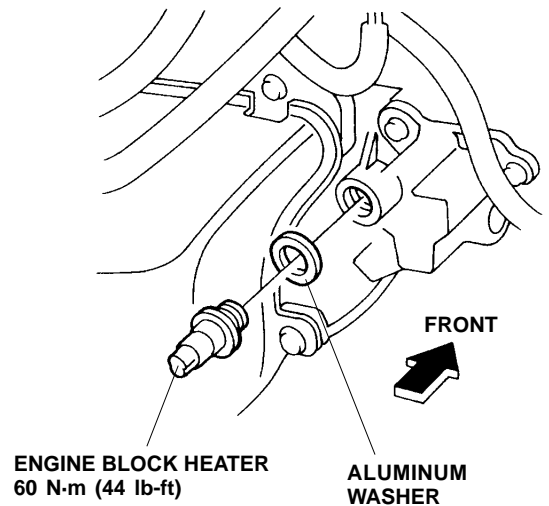
NOTICE Radiator coolant will damage paint. Quickly rinse any spilled coolant from painted surfaces.



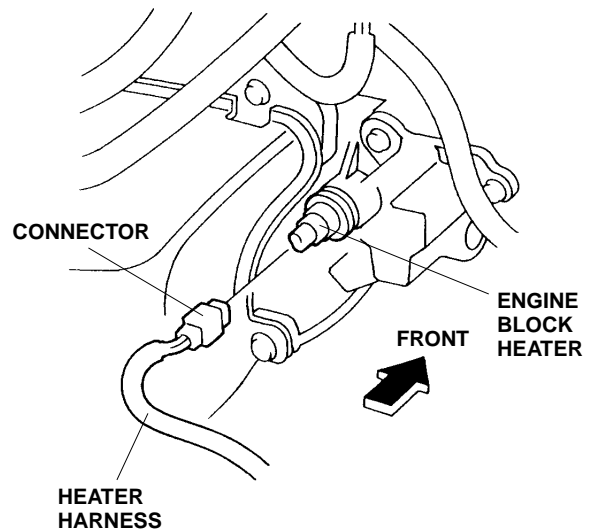
- On the rear of the engine, locate and remove the engine block drain bolt and washer. Coolant remaining in the engine jackets will flow out of the bolt hole when the bolt is removed. (Retain the drain bolt in case the engine block heater is removed.)



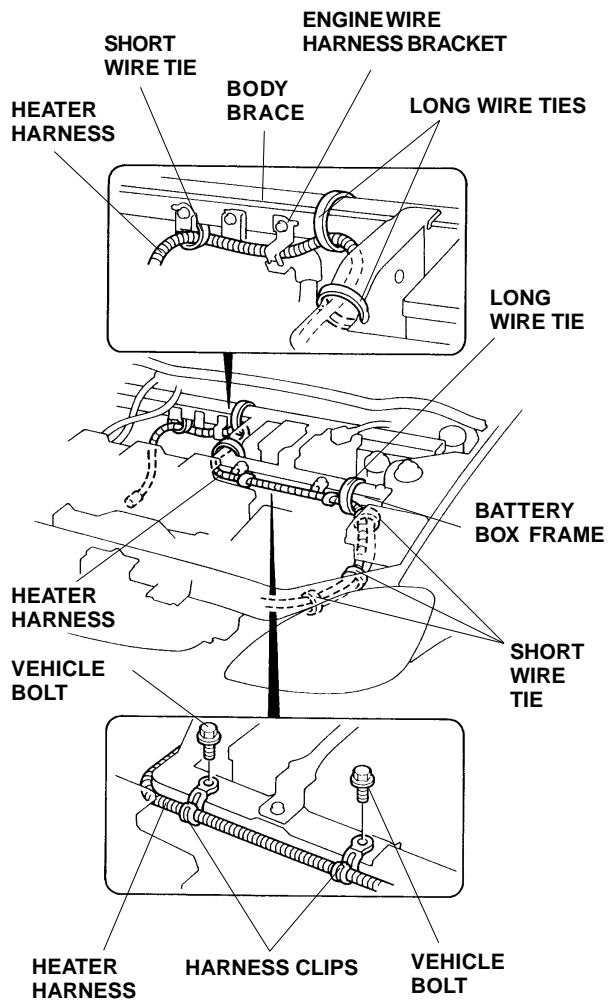
- Install the new aluminum washer and the engine block heater into the bolt hole using a 24 mm socket and a torque wrench. Torque the engine block heater to 60 N·m (44 lb-ft).



- Plug the connector of the heater harness into the engine block heater.

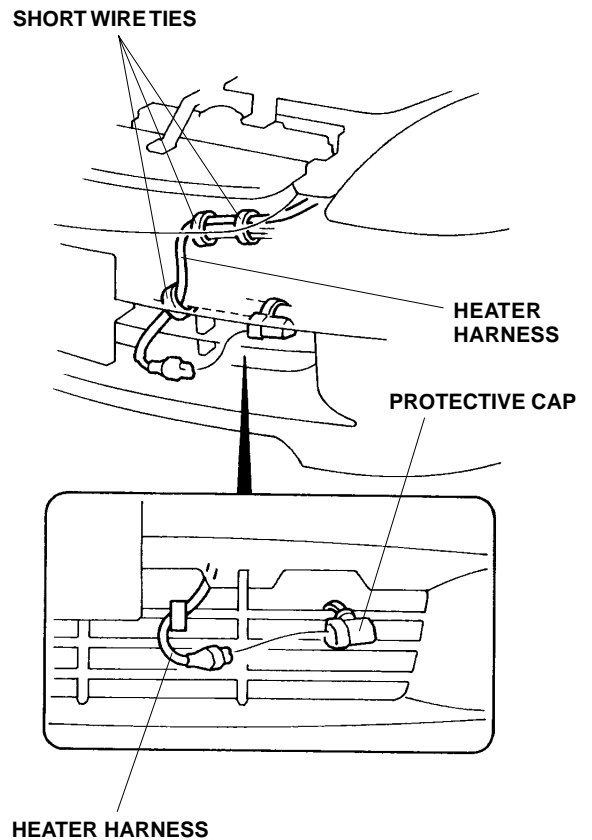


7. Route the heater harness upward. Remove the engine wire harness bracket, and route the heater harness behind the bracket. Reinstall the bracket, and secure the body brace with one short wire and two long wire ties.



8. On the front of the battery box frame, install the harness clips using the existing vehicle bolts. Attach the wire harness to the front of the battery box frame brace with one long wire tie.
9. Release the coolant reservoir from the bracket, and move it out of the way.
10. Continue routing the heater harness along the front of the battery box, then down along the vehicle harness toward the front bulkhead.
11. Secure the heater harness to the vehicle harness with three short wire ties in the areas shown.

12. Route the heater harness through the front bulkhead and out to the front grille. Secure the heater harness to the vehicle harness and to the front bumper grille with three short wire ties.



13. Attach the protective cap to the front bumper grille, and plug the connector of the heater harness into the protective cap.
14. Reinstall the splash shield removed in step 2.
15. Reinstall the radiator drain plug.
16. Fill the system with the recommended coolant. Follow the instructions described in the service manual.
17. Check the coolant reservoir for correct level and signs of leakage. Repair as necessary.
18. Check that the heater harness is routed properly and all connectors are plugged in.
19. Put the drain bolt (removed in step 4) in the glove box.