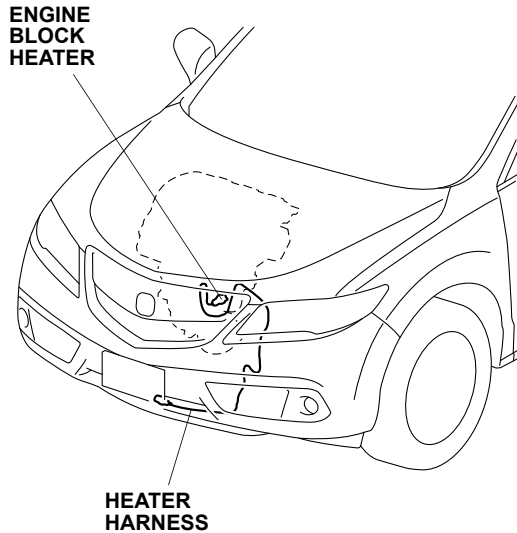


Illustration of the Engine Block Heater in the Vehicle



INSTALLATION

NOTE:

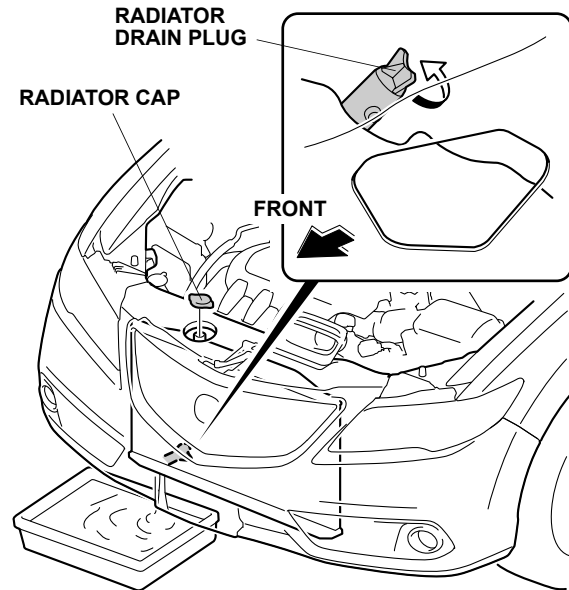
- Always use, Acura Long Life Antifreeze/Coolant Type 2. Using a non-Acura coolant can result in corrosion, causing the cooling system to malfunction or fail.
- To avoid burning out the element, do not operate the engine block heater until it is installed in the vehicle and you have added coolant.

Client 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.

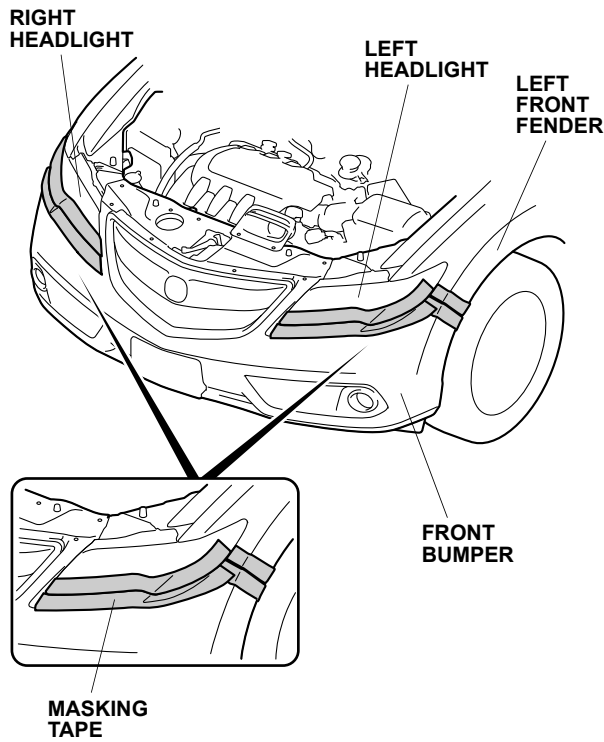
3. Place a clean drain pan under the radiator drain plug, then remove the drain plug from the bottom of the radiator to drain the coolant. Remove the radiator cap to increase the flow.

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

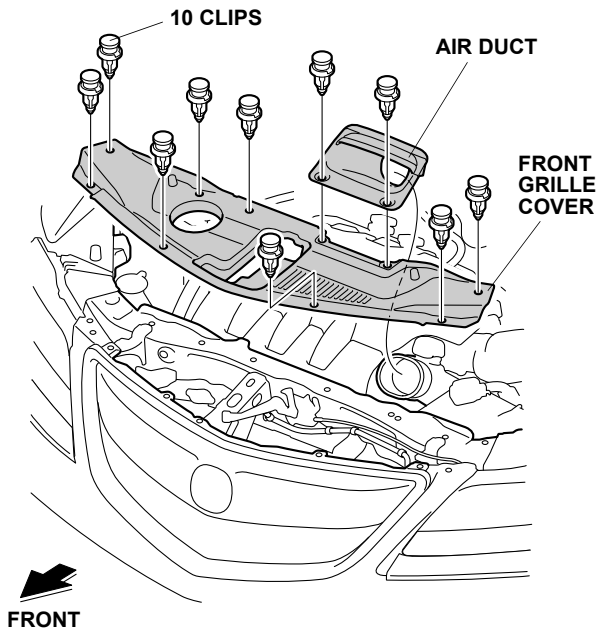


4. After the coolant drains, reinstall the radiator cap to prevent dirt and contamination from entering the radiator.

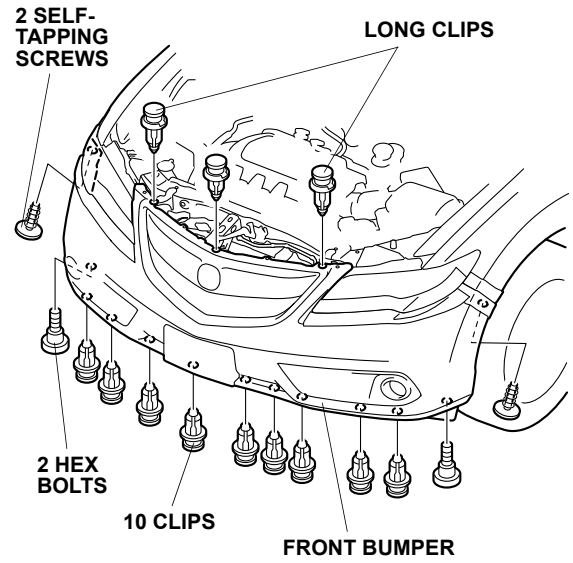
5. Apply masking tape to the front bumper, left headlight and left front fender as shown.



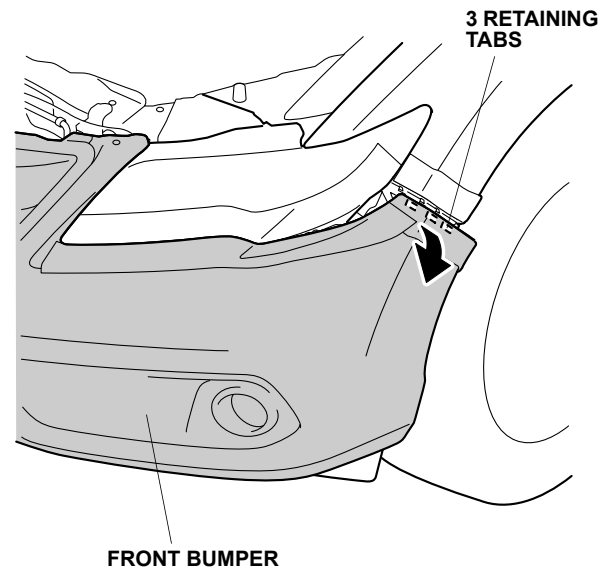
6. Repeat step 5 to apply masking tape to the right side of the vehicle.
7. Remove the front grille cover and air duct (ten clips).



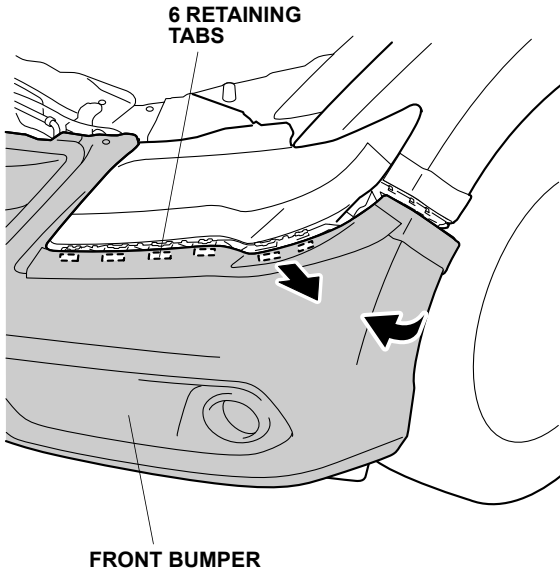
8. Remove the front bumper.
 - Remove the two self-tapping screws, two hex bolts, ten clips, and two long clips.



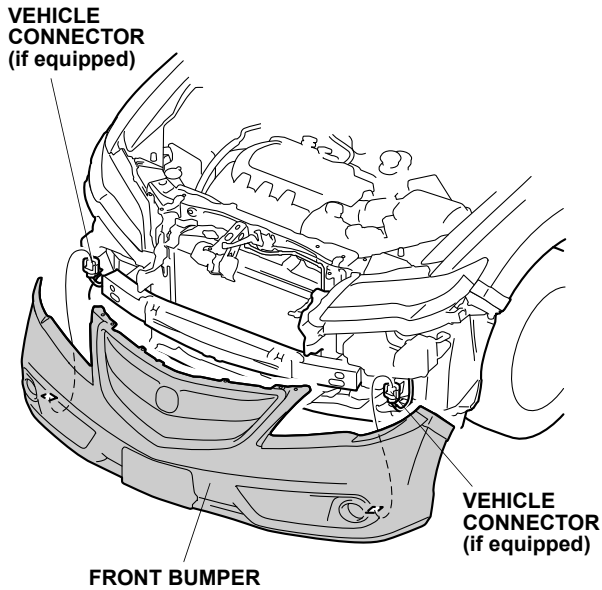
- Release the three retaining tabs on each side.



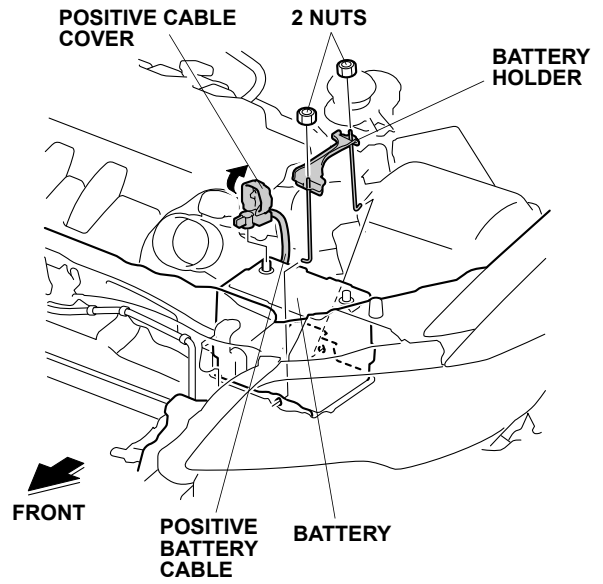
- Release the six retaining tabs on each side.



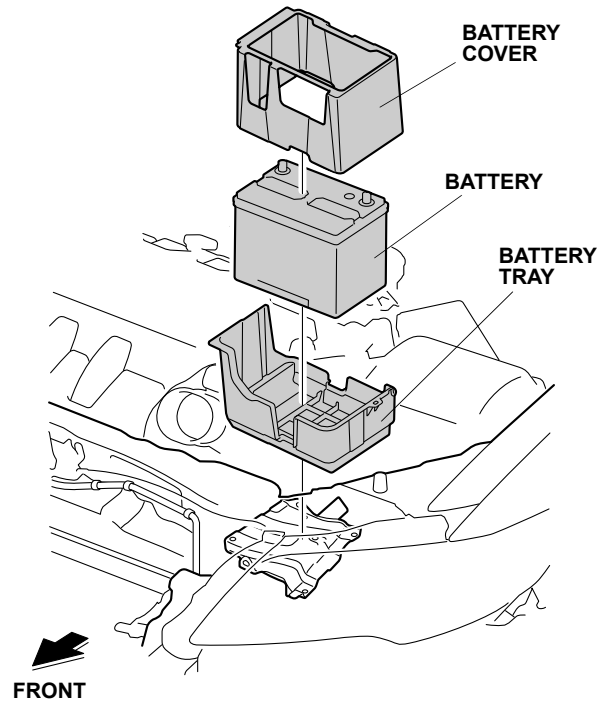
- With the help of an assistant, remove the front bumper.
- Place the front bumper on a blanket.



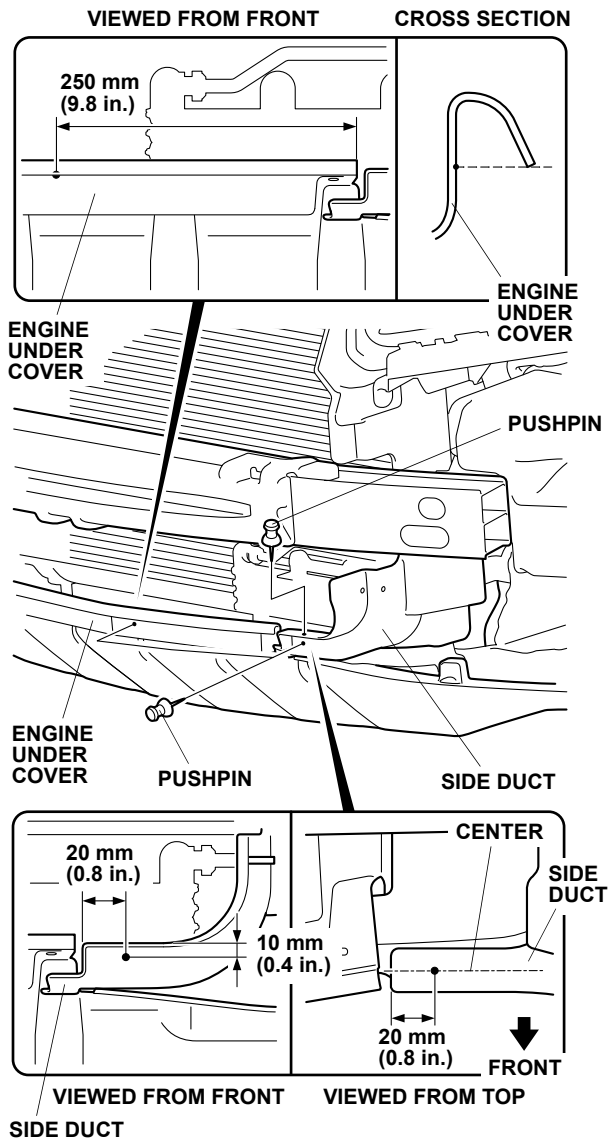
9. Open the positive cable cover, and disconnect the positive (+) battery cable from the battery.



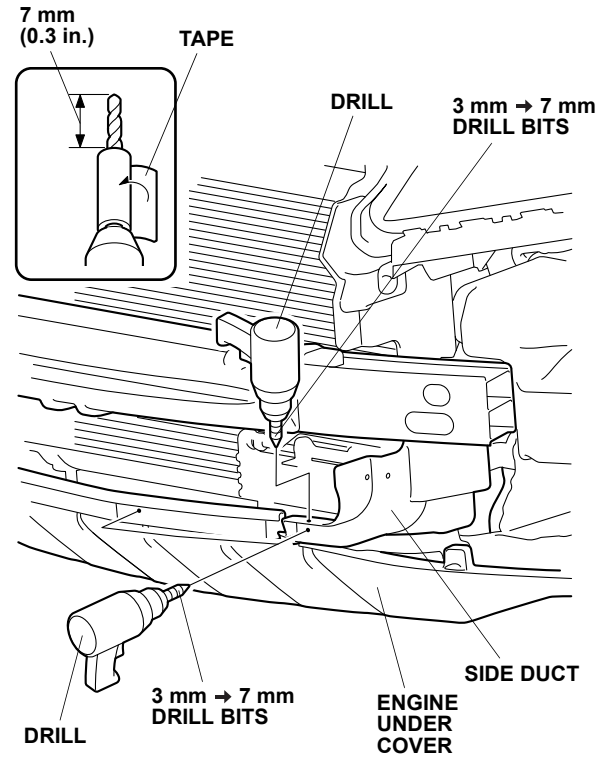
10. Remove the battery holder (two nuts).
11. Remove the battery cover, battery, and battery tray.



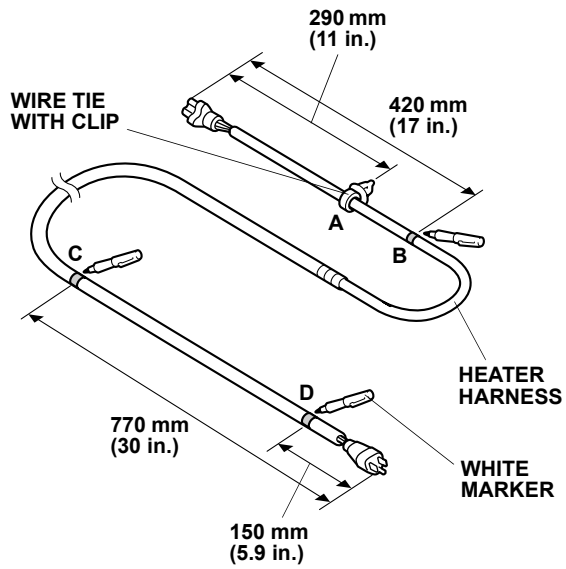
12. Using a pushpin, pierce the side duct and engine under cover at the measurements shown.



13. While wearing eye protection, drill the three pierced marks on the side duct and engine under cover with a 3 mm drill bit, then enlarge the three holes with a 7 mm drill bit. Remove any burrs. Wrap tape around each drill bit 7 mm away from the tip or use a drill stop.



14. Using the measurements shown, install one wire tie with clip to the heater harness.



15. Using a white marker, mark the heater harness at the three measurements shown.

16. 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 bolt, it will be used if the engine block heater is removed.)

