

**INSTALLATION  
INSTRUCTIONS****DAIMLER CHRYSLER  
904 - 906 ENGINES****WARNING**

DO NOT plug in heater if element is not immersed in coolant. If not immersed, element sheath may burst and could result in personal injury.

**CAUTION**

USE a 50/50 solution of ethylene glycol antifreeze and water for optimum heater performance.  
DO NOT use more than 65% concentration of antifreeze, as a shortened heater life will result.  
DO NOT use heater in coolant system containing any form of stop-leak additive, as a shortened heater life will result.

**INSTALLATION PROCEDURE**

1. Drain engine coolant. Flush system if necessary.
2. Remove 1-1/2-inch core plug located on the right side, rear of engine.
3. Clean core hole surface thoroughly to remove any burrs or sharp edges on inner edges. Remove the hardened cup plug sealant from the surface.
4. Apply a coating of non-petroleum-based lubricant to the heater O-ring to ease installation and to prevent damage to the O-ring.
5. Install heater into core hole. Point element **DOWN**. Press heater into core hole and align holes in plate with threaded holes in engine block.
6. Install cap screws and lock washers. Tighten to 75 inch-lbs. torque.
7. Insert power cord connector into socket, taking care to align pins with sockets of connector on cord. Tighten strain relief nut securely by hand. Route cord to outside, securing where necessary to allow slack for engine vibration and ensure that cord does not touch engine, hot pipes, or any moving parts. **Connect only to properly grounded 120-Volt AC outlet.** If an extension cord is used, it must be the three-wire grounded type.
8. Fill cooling system completely with good grade permanent antifreeze solution. See CAUTION note above.

**CAUTION**

Before applying power to heater, be sure cooling system is completely filled with good grade permanent antifreeze and remove all trapped air by operating engine for 5-10 minutes after thermostat opens (normal operating temperature). **DO NOT** start engine while power is supplied to heater. Turbulence and air bubbles may cause hot spots on heating element which can result in element failure.

**WARRANTY**

The Phillips & Temro Industries warranty statement is located on the website at [phillipsandtemro.com/terms](http://phillipsandtemro.com/terms).