

**INSTALLATION  
INSTRUCTIONS****FORD 6.6-L & 7.8-L 6-CYLINDER****CAUTION**

DO NOT plug in heater if heating element is not immersed in coolant. If not immersed, element sheath may burst and could result in personal injury.  
DO NOT use heater in coolant system containing any form of stop-leak additive.  
DO NOT use heater in coolant system containing anything other than the recommended mixture of ethylene glycol and water (60-40 maximum).

**HEATER INSTALLATION PROCEDURE**

1. Drain cooling system. Flush system if necessary.
2. Remove 2nd core plug (between #4 and 5 cylinders) from rear on right of engine.
3. Clean surface thoroughly with an approved cleaning fluid. Remove any burrs or sharp edges on inner edge of core hole. Burnish core hole surface with sand paper or steel wool.
4. Apply a coating of grease to the heater O-ring and machined surface of core hole, (to facilitate installation and prevent O-ring damage).
5. Install heater into core hole with element pointing at 12 o' clock.
6. After installing heater, turn it each direction until it hits the block. Position it half-way between points of contact and tighten nut to 25-inch pounds torque. Do not overtighten.
7. Insert power cord connector into socket, being careful to align pins with sockets of connector on cord. Press plug firmly into socket.
8. Allow slack for engine vibration and protect cord from excessive heat and also from possible chafing or mechanical damage.

**CAUTION**

Fill cooling system with good grade permanent antifreeze solution and operate engine until all trapped air is removed before turning power on. If any stop leak additives have been added to coolant antifreeze, fill system with new mixture.

**NOTE**

For optimum heater performance use a 50-50 solution of water and ethylene glycol. Do not use more than a 70% concentration of glycol, as a shortened heater life may result.

**WARRANTY**

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