

**INSTALLATION
INSTRUCTIONS****FORD 6.6L / 7.8L ENGINES PLATE
STYLE 1990 AND NEWER ONLY****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.

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.

HEATER INSTALLATION PROCEDURE

1. Drain engine coolant. Flush system if necessary.
2. Remove 1 ½" core plug located on the right side, second core plug from rear.
3. Clean core hole surface thoroughly. Remove any burrs or sharp edges on inner edge of core hole. The hardened cup plug sealant must be removed.
4. Apply coating of grease to the heater O-ring, to ease installation and prevent O-ring damage.
5. Install heater into core hole. Point element up. Press heater into core hole and align holes in plate with threaded holes in engine block.
6. Install cap screws and lockwashers and tighten to 75 inch-pounds torque.
7. Insert power cord connector into socket being careful to align pins with sockets of connector on cord. Press plug firmly into socket. 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 outlet.**
8. Fill cooling system completely with good grade permanent antifreeze solution. See CAUTION note above.

**CAUTION**

Before applying power to heater, remove all trapped air by operating engine for 5-10 minutes after thermostat opens (normal operating temperature). Run engine at governed high RPM for 5 to 10 seconds.

WARRANTY

The Phillips & Temro Industries warranty statement is located on the website at phillipsandtemro.com/terms.