

INSTALLATION INSTRUCTIONS BLOCK HEATERS

1. Drain the system, flush radiator and block.
2. Remove correct frost plug, check listing for location.
3. Remove any burrs, sharp edges, paint or compound from the machined surfaces of the hole.
4. Lubricate O Ring and machined surface of the hole with with grease to facilitate installation and prevent O Ring damage.
5. Back-off heater nut as far as possible, insert heating element in proper direction, center heater in hole, and press in tight. Tighten bolt to recommended torque (see below), making sure shoulder of adapter is against block.
6. Route the cord to any convenient point and tie cord down. Keep cord away from hot surfaces and moving parts.
7. Refill the coolant system. Check manufacturer's instruction on mixture of antifreeze. Do not use more than 60% anti-freeze. Use of non distilled water could result in lime or calcium build up on elements and cause premature burn out of heater. Run engine until internal thermostat opens and continue running for 20 minutes to eliminate air pockets. **CHECK FOR LEAKS!**

EXAMPLE B (Straight Bar)



WARNING!

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.
The heating element **Should Not** be energized while starting the engine.
An oil pressure switch for automatic cut-off on stand by equipment may be required.

CAUTION: CUMMINS B/C SERIES ENGINE
REFILL AND BLEED THE COOLING SYSTEM AS DESCRIBED
IN THE SERVICE MANUAL

IS30107 REVC