

TERMS OF LIMITED WARRANTY

Warranty:

Products manufactured by Five Star Manufacturing are warranted for one year from date of sale to the original consumer against defects in workmanship and materials providing the installation and use of these products are in accordance with the manufacturer's instructions and applications. The manufacturer's only obligation shall be to repair or replace at manufacturer's option the product provided it is returned transportation prepaid to the factory within one year from date of sale to original consumer. Defects or failures due to normal wear, incorrect installation, improper voltage, improper usage, improper alterations, or handling, accident, misuse, abuse, neglect, mishandling, misapplication, improper or extraordinary use, inconsistent use with any instruction or recommendation issued by the manufacturer or by any other condition beyond our control, as to any and all of which the manufacturer will be the sole judge, are specifically excluded from this warranty. This may also have implied warranty rights which vary from state to state. No other liability of any kind, arising from the use of the product, whether defective or not, is assumed.

The foregoing limited warranty is exclusive and in lieu of all other warranties, whether written or oral, expressed, implied, or statutory.

No implied warranty of merchantability or fitness for a particular purpose shall apply. The limited warranty contained herein does not extend to incidental or consequential damages resulting from the use of this product, or arising out of a breach of this warranty.

Replacement and Repair Policy

- 1) In returning heater for replacement or repair, include all the information possible as to what may have caused the trouble. Check the extension cord. In some cases it has been faulty. All returned heaters must be labeled and identified with warranty tags
- 2) Service charges will be made on units which:
 - A) Were burned in air (operated without heating element being immersed in water or coolant).
 - B) Failed due to restricted circulation, improper installation, air pockets in hose lines, or dirty cooling system.
 - C) Are damaged through no fault of the manufacturer.
 - D) Failed due to installation on other than recommended vehicles.
 - E) Are not defective.
- 3) Five Star Manufacturing cannot and does not refund labor
- 4) Before returning any item to Five Star, obtain RGA # from the company.

Important...Caution

To obtain satisfactory results from your external type engine heater, please read the following information carefully.

Do not use a Kat's engine heater when using a 100% solution of anti-freeze.

After the heater has been installed according to instructions, have your service station or garage check your anti-freeze solution. On permanent type ante-freeze, a solution too strong as well as too weak will freeze. If your coolant freezes or congeals, it will stop the flow of liquid through the heater housing and hoses and cause the heater to burn out. Our heater guarantee is void when this happens or when there is evidence of inadequate coolant.

To obtain maximum protection from freezing, consult your antifreeze manufacturer's recommendations.

Five Star manufacturing reserves the right to make any changes to the design or appearance it deems necessary to any of its products at anytime without notification, and these changes will not obligate Five Star to replace or change any previously manufactured products.

INSTALLATION INSTRUCTIONS FOR OIL PAN THERMOSTAT "Y" CORD

WARNING

Heater and thermostat must be plugged in to the "Y" cord before energizing heater. Make sure that the heater and thermostat will be fully submerged into the oil or fluid before energizing heater.

Caution

Make sure that the cord is secured away from hot or moving parts before moving the vehicle.

Installation Procedures

- 1) "Y" cord with thermostat in a 1/2" NPT fitting and two female connectors. Check pan for 1/2" NPT hole.
 - 2) If no opening for the 1/2" – 14 NPT is available, drain oil and take oil pan off. Drill a 1" hole for the bushing approximately 1 3/4" from bottom of pan. Install bushing from outside of pan and weld in place.
 - 3) Install heater and thermostat plug using gasket sealant on threads.
 - 4) Attaching the cord, align the cord and element pins, press plug into socket. Tighten aluminum nut securely. Route cord to any convenient point and tie cord down to prevent damage. Keep cord away from hot surfaces and moving parts.
- Note: Provisions have been made for 1" NPT heater and a 1/2" NPT thermostat for Cummins Big Cam III and IV engines.

Coolant Thermostat Instructions

- 1) Install the coolant heater. Instructions provided with heater.
- 2) Install the thermostat in any available location into the upper part of the block's coolant system. The upper location will be the warmest. On Cummins 855 cid blocks install in the water manifold.

Trouble Shooting the Cord

- 1) Both female ends must be plugged in to complete the circuit. The wires run in SERIES.
- 2) Ambient temperatures must be below 50 degrees Fahrenheit to activate thermostat.

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