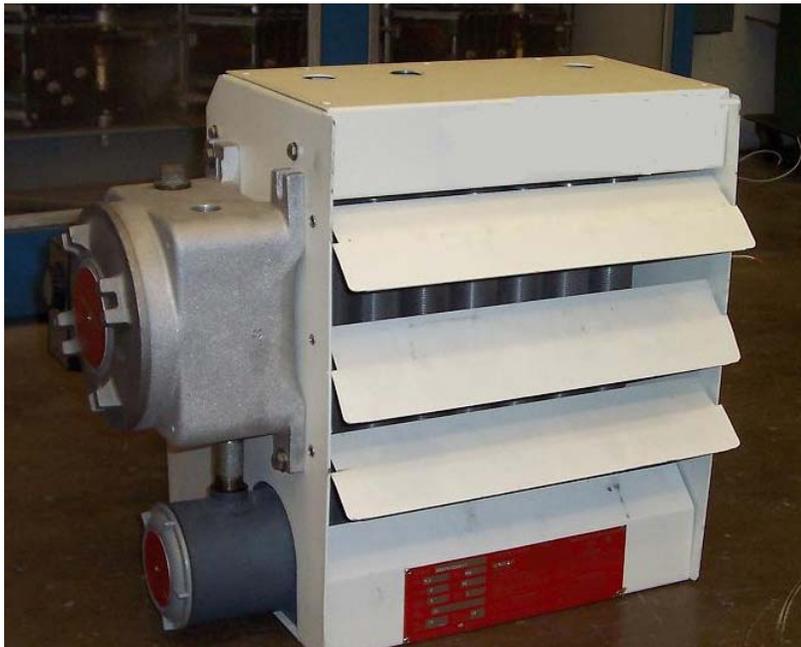
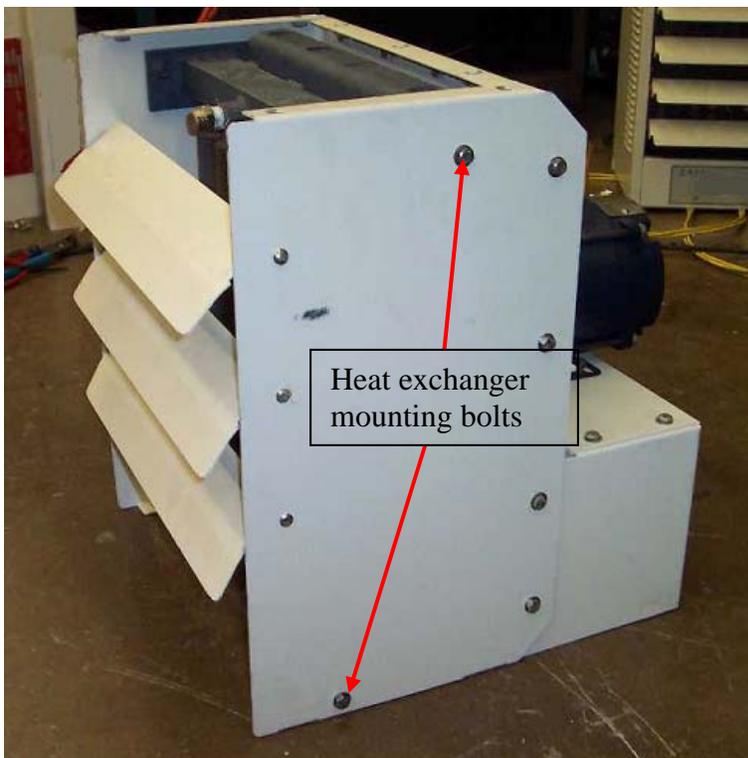


## Supplemental Instructions for Hazardous Location Unit Heater Heat Exchanger Removal & Replacement

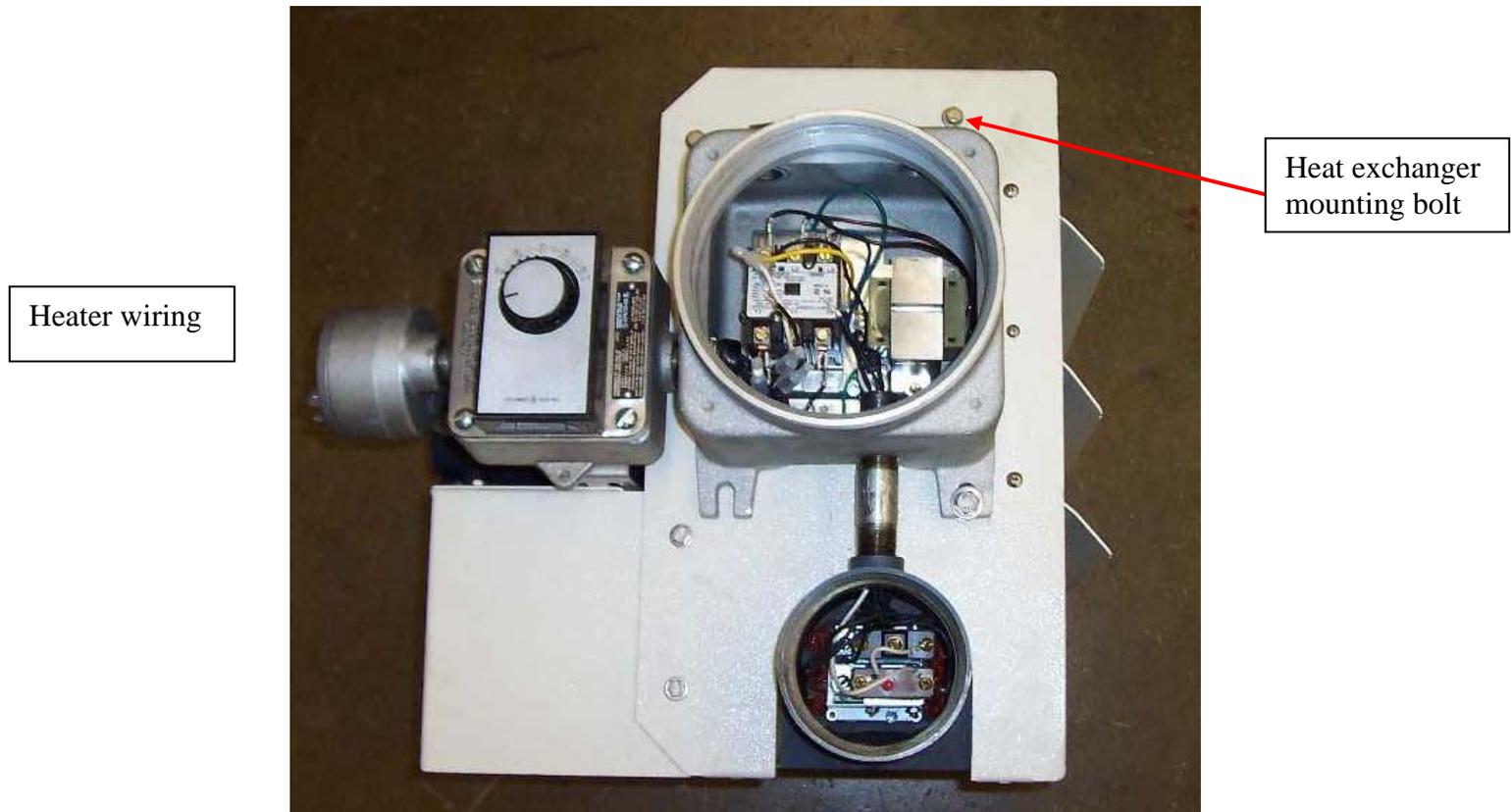


**This document provides supplemental instructions to assist with the replacement of the heater core. Refer to owner's manual for detailed installation, operation, and maintenance instructions, as well as cautions regarding installation and operation of explosion-proof equipment.**

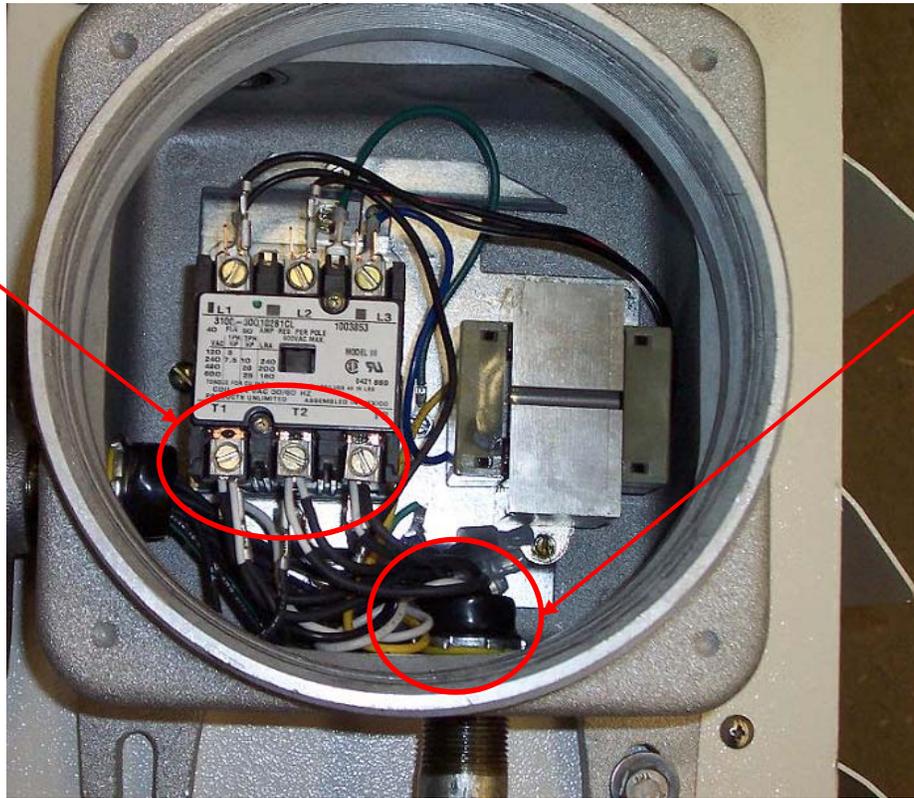
1. Remove the cabinet top and (2) heat exchanger mounting bolts on the right side.



2. Rotate heater onto its side and remove cabinet bottom, heater enclosure cover, and the wiring enclosure cover. Also remove single heat exchanger mounting bolt on left side.

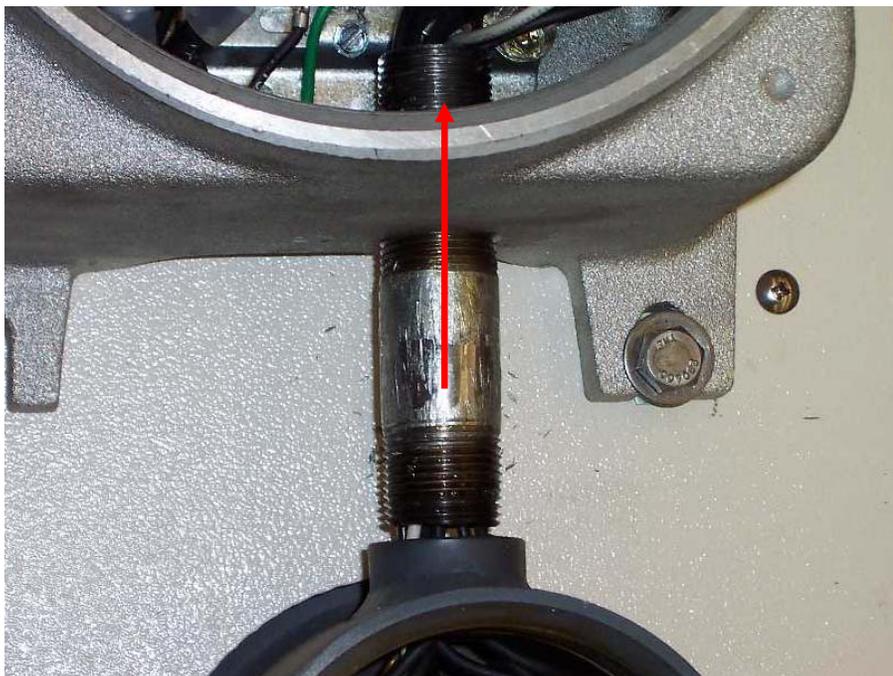


3. Disconnect heater wires from the contactor and control wiring for the thermal cutout. Loosen locknut from conduit entering enclosure.



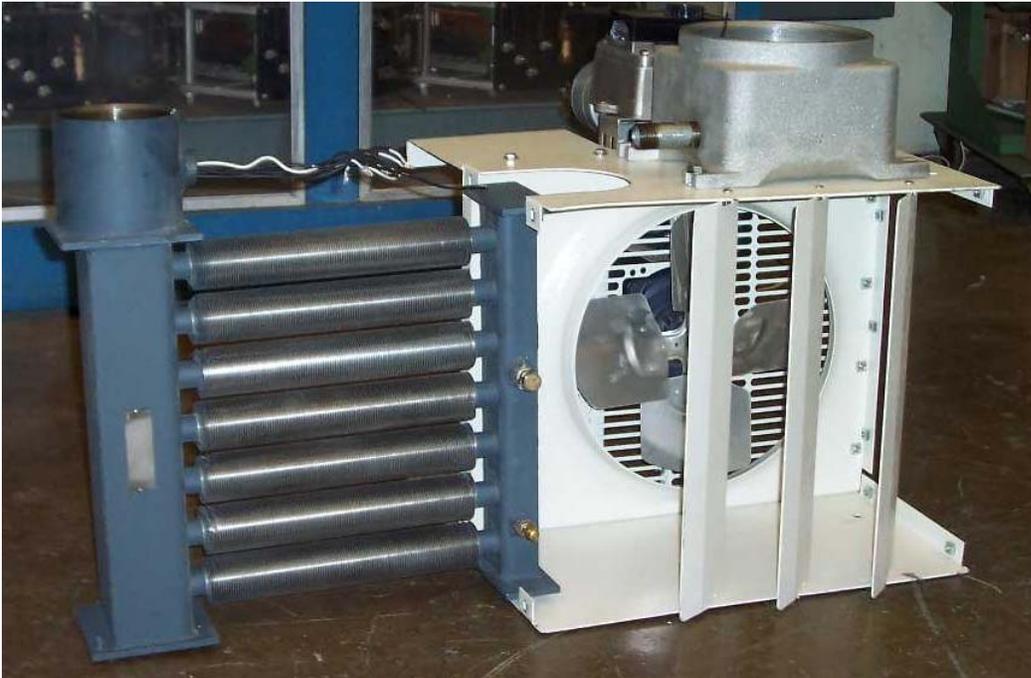
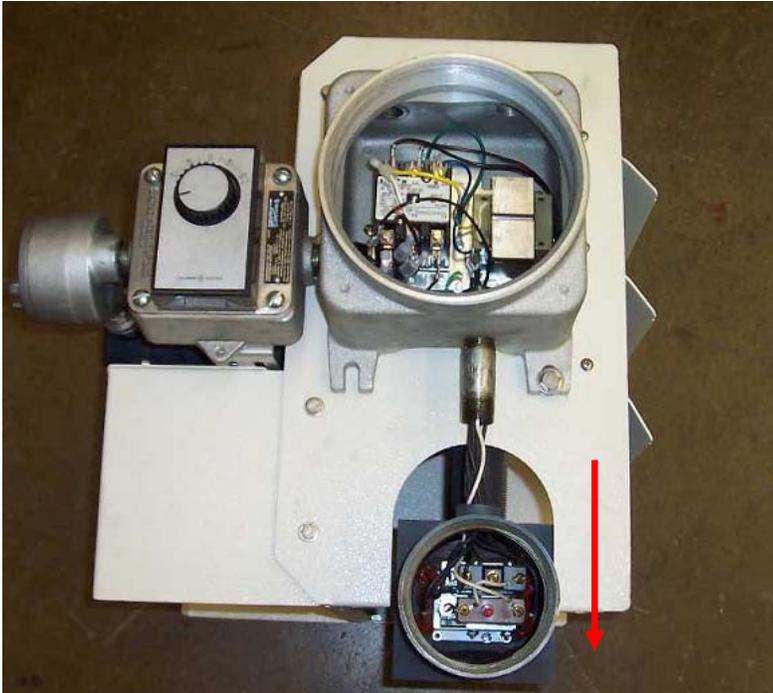
Grommet &  
locknut

4. Thread conduit into wiring enclosure to disengage heater enclosure. If unit has conduit union, loosen union and thread conduit into wiring enclosure.

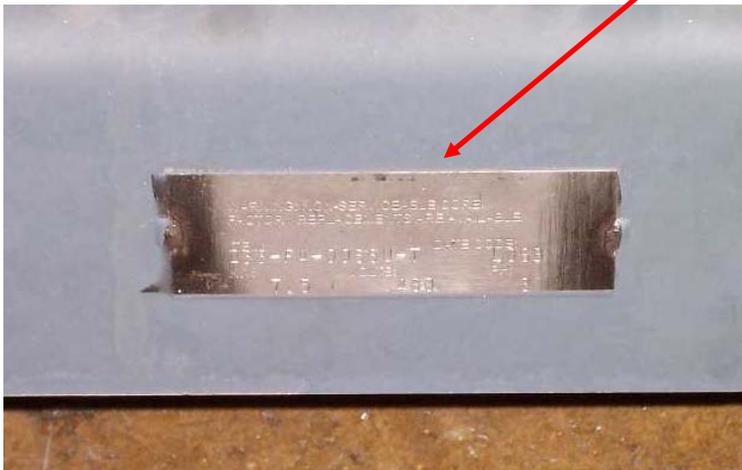


Conduit union

5. Slide heat exchanger out of the bottom of the cabinet.



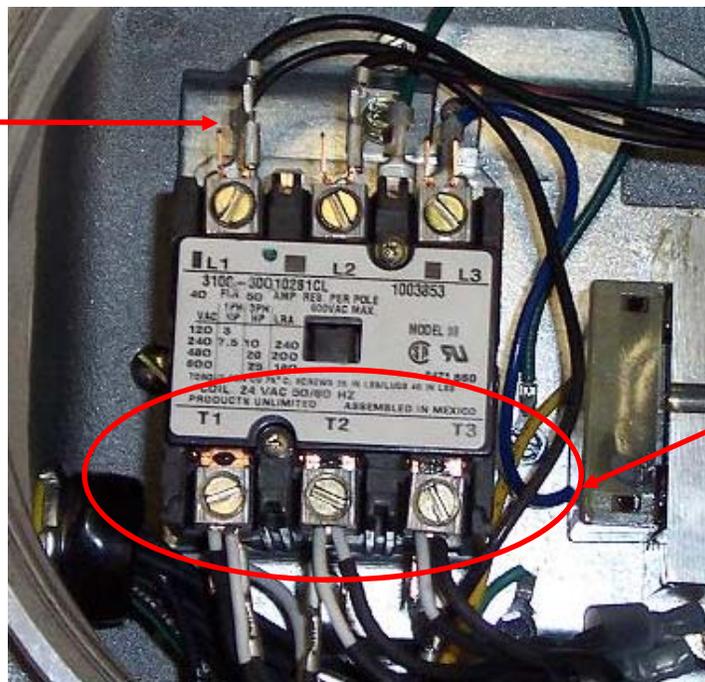
6. Locate tag on heat exchanger and verify replacement core matches original.



## Heat Exchanger Installation

1. To install, slide heat exchanger through the bottom of the cabinet while guiding the heater/control wires into the conduit.
2. Loosely install left side heat exchanger mounting bolt, temporarily rotate heat exchanger/cabinet and install right side heat exchanger mounting bolts. You may want to leave these three bolts loose until conduit has been fully threaded into heater enclosure.
3. With unit still on its side, thread conduit into heater enclosure, ensuring five full threads are engaged. It may be necessary to loosen the (2) control enclosure mounting bolts if you are having difficulty. Tighten locknut inside wiring enclosure and make sure grommet is in place.
4. Reconnect heater and thermal cutout control wires. Heater wires labeled T1, T2, and T3 (T1 & T2 only for single phase) will be connected to the corresponding terminals on the contactor. Control wiring attached to contactor as shown and wire nut from which original was removed. See wiring diagram if unclear.

Control wire attached to far-left terminal behind L1.



Heater wiring labeled T1, T2, & T3.

5. Attach cabinet bottom and rotate unit to the upright position. Attach cabinet top and install heater & control enclosure covers. Tighten the (3) heat exchanger mounting bolts.

## Heater Installation

Refer to owner's manual for mounting and start up instructions.