

Heat Exchanger Kit - P/N L97500911 Installation Instructions

Cut off old heater wires, but leave the heater in the tank as a plug.

Detach the vinyl hose from the input tank elbow for the tank needing the replacement heater.

Install the wire form bracket over the heat exchanger as shown in the sketch.

Attach two (2) P.V.C. blocks as per the sketch. For older machines, the longer width should be parallel to the gap between the tanks. For new units, the shorter width should be parallel to the gap between the tanks. On shallow machines, cement the block to bridge across the gap since the gap is smaller.

Install the short filler sleeve over the exchanger spud as shown. Install the 2 7/8" long vinyl tube over the short piece and securely clamp in place.

Install the other end of the 2 7/8" hose over the tank input elbow.

The P.V.C. blocks should now fall into the tank gap with a slight curvature of the 2 7/8" hose.

Clean the areas thoroughly with solvent where the blocks fit into the gap. Clean the blocks as well.

Cement the blocks in place with the surface area slightly below the tank bottom.

Follow the directions on the Epoxy package provided for the cementing process. Be sure there is an ample amount of cement along both edges of each block in contact with the tank wall and/or bottom.

After a short drying period, cut the hose which was previously removed from the tank elbow to an appropriate length and attach securely to the elbow end of the heat exchanger.

Attach the thermostat securely to the thermostat pad with two (2) 4-40 screws and lock washers.

Attach the female heater connector to the male connector of the thermostat harness.

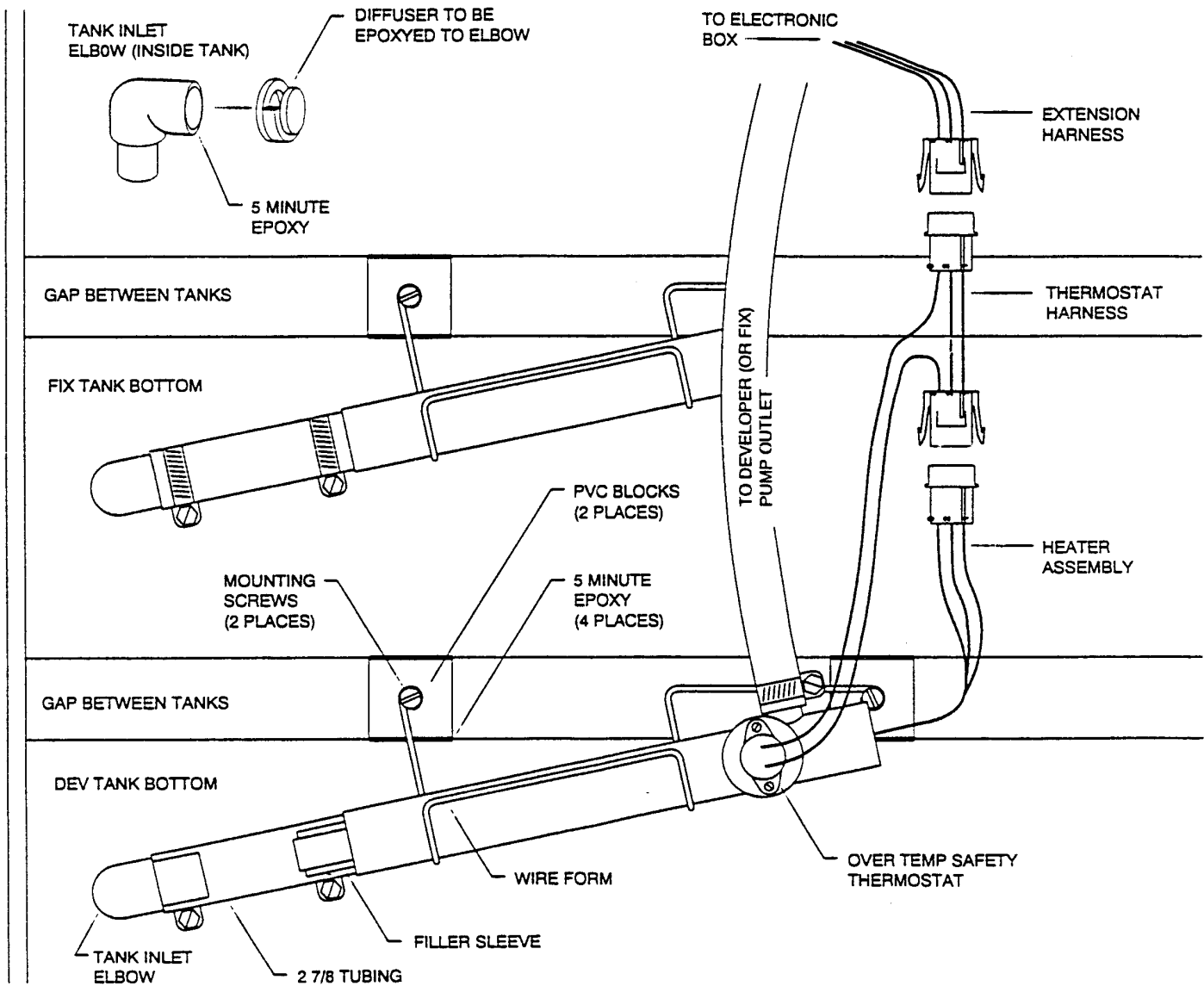
Attach the single connector harness to the free end of the thermostat harness.

Connect three (3) tinned wires to the electronics box where the heater was originally connected.

Keep the heater control wires away from low power wiring running down the center of the machine. Make sure that the green wire goes to chassis ground.

Cement the diffuser to the end of either the developer or fixer solution outlet elbow (whichever system has just been modified) inside the tank with the slotted outlet pointing ~~straight up~~

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Notes:

1. This diagram shows the view from the floor looking up at the processor tank bottoms.
2. Drain the replenishment lines completely before cutting/removing hoses!!
3. Mounting the blocks between the tanks is easy in older processors but a real pain on the newer processors (LL2120). Sand a couple of spots on the tank bottom and use 5 minute epoxy to permanently mount the mounting blocks.
4. You can butt splice to the existing wires to avoid having to thread the new wires into the electronic chassis. Just make sure that the splices are sealed against liquid.

Call 703-912-7745 If you have questions.