

TOLL-FREE HELP FROM A FRIEND
Franklin Electric
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800-348-2420



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Inline 1100/CP Thermostat

305707917 Install Guide

Purpose

Thermostat kit is used to replace the external thermostat on the Inline 1100/CP. The kit contains all of the parts and components necessary to completely replace the existing external thermostat.

WARNING

Serious or fatal electric shock may result from failure to connect the Inline System to the service entrance ground. Also ground metal plumbing and all other metal near the Inline System. When grounding these components, use a wire no smaller than the power supply wires from the circuit breaker to the Inline System. To reduce the risk of electric shock, disconnect power before working on or around the water system.

CAPACITORS INSIDE THE INLINE SYSTEM CONTROLLER CAN STILL HOLD LETHAL VOLTAGE EVEN AFTER POWER HAS BEEN DISCONNECTED. ALLOW 5 MINUTES FOR DANGEROUS INTERNAL VOLTAGE TO DISCHARGE BEFORE REMOVING ACCESS PANEL.

This pump has not been investigated for use in swimming pools or marine areas.

ATTENTION

This equipment is intended for installation only by technically qualified personnel. Failure to install it in compliance with national and local electrical codes and within Franklin Electric's recommendations may result in electrical shock or fire hazard, unsatisfactory performance, and equipment failure.

Tools and Hardware Required

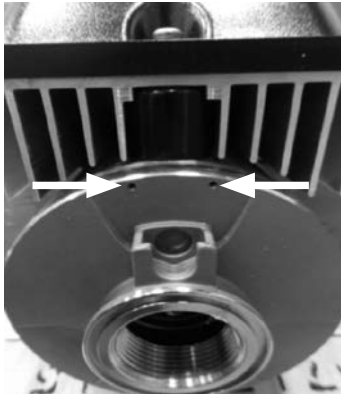
Phillips head screwdriver and adjustable wrench.

Installation Procedure

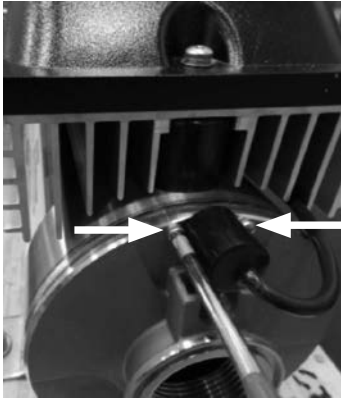
1. Carefully open package and remove the thermostat, lock washers, and screws.



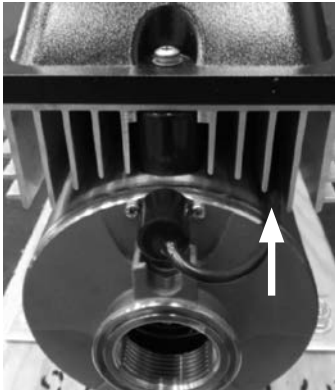
2. Above the suction port, locate two small screw holes.



3. Use the two supplied lock washers and screws to affix the thermostat to the pump using 4 in/lbs (0.45 N-m) of torque.



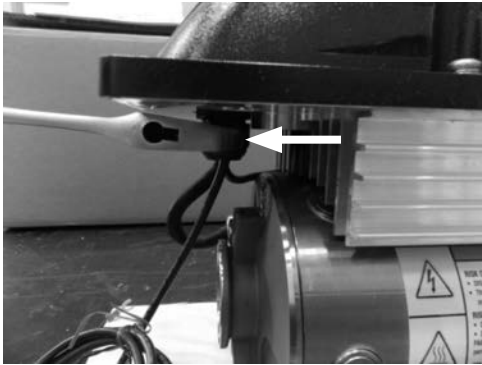
4. Route the thermostat wire across the top of the pump, running it between the drives, heat sink fins.



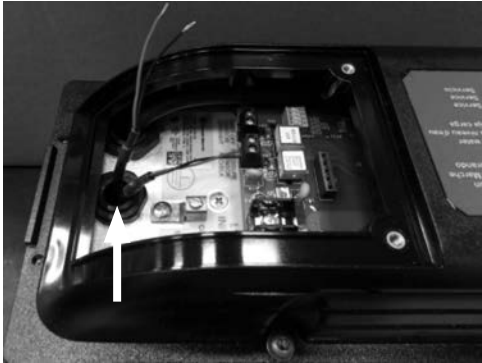
5. Open the access cover.



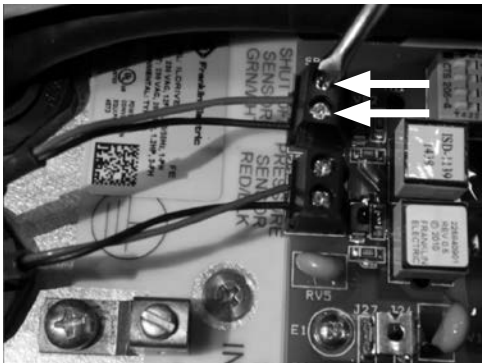
6. Loosen the small strain relief.



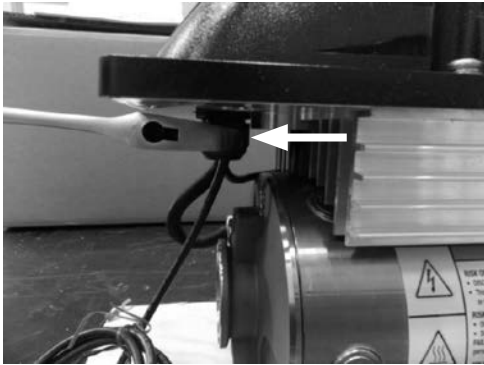
7. Route the thermostat cable through the small strain relief with the pressure sensor wire.



8. Attach the wires to terminal labeled “Shut-off Sensor”. The red wire goes on the outside left terminal and the black wire goes to the inside right terminal. Use 4 in/lbs (0.45 N-m) of torque.



9. Tighten the small strain relief with 50 in/lbs. (5.65 N-m) of torque.



10. Replace the drive's access cover. Use 12.5 in/lbs (1.41 N-m) of torque.



Notes: