



## Installation Instructions - Kit # 1435-12

ES5CTS, ES5CTS18, ES5PBS & ES5PCS Replacement of External Coil Water Pump (P/N 1423-01) with Sealed Coil Water Pump (P/N 8452-49)

**CAUTION:** Read and understand this service bulletin thoroughly before starting. Only a trained, experienced service technician should attempt this service procedure.

Kit - 1435-12 contains:

1	Water hose with orifice	1415-31	1
2	Water hose without orifice	1415-32	1
3	TS Pump tie bracket	1416-80	1
4	Hose clamps	8452-10	4
5	Solenoid water pump	8452-49	1
6	Water pump rubber bracket	8452-50	2
7	1/8 NPT x 1/4" barb brass straight	8483-60	2
	Service Bulletin	8471-37	

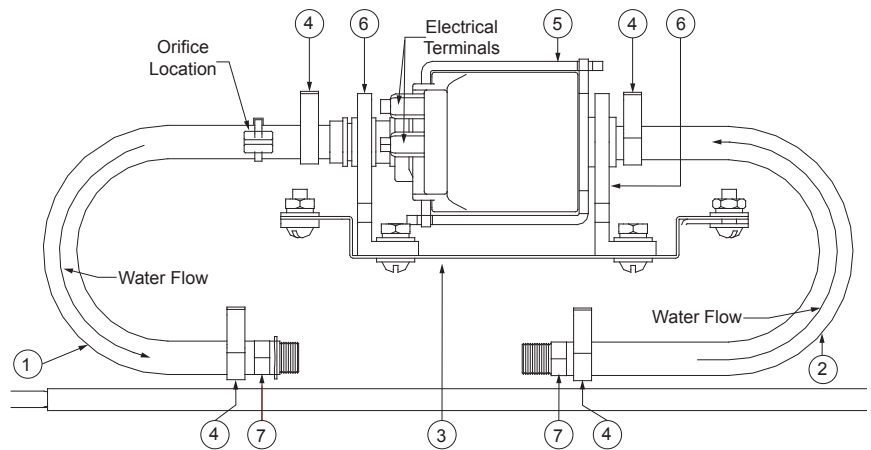


Figure 1

**CAUTION:** BEFORE ATTEMPTING SERVICE, UNPLUG POWER TO THE STEAMER.

- Remove existing Control Box Cover Assembly.
- Remove water hoses and clamps from unit.
- Remove wires from pump, noting wire colors and locations.
- Note the location of the suction (inlet) and discharge (outlet) sides of the pump.** Remove the existing water pump with the existing pump bracket tie plate and discard.
- Remove the existing 1/8" x 5/16" barb hose fittings (2 places) and replace with supplied 1/8" x 1/4" barb hose fittings (2 places), P/N 8483-60. Apply food grade pipe sealant.
- Install Pump and Mounting Assembly to its mounting position. **Note:** When mounting the pump make sure that the suction (inlet) and discharge (outlet) sides are located in the same position as the pump which was removed as directed in step 4 above. The discharge (outlet) side of the water pump (8452-49) is the side where the electrical terminals are located.
- Connect one water hose (P/N 1415-31 & 1415-32), on each of the barb hose fittings that were installed in Step 5. Secure each hose with the two hose clamps (P/N 8452-10).
- Re-Connect the pump wires from Step 3 above.
- Verify proper operation of conversion and check for leaks!
- Re-install Control Box Cover Assembly.

**AVOID ERROR IN PARTS SELECTION.** When ordering use complete EmberGlo Part Number and Description. Furnish Steamer Model Number, Bill of Material Number and Serial Number (if available) from the specification plate found on the product.

**IMPORTANT:** Availability of parts as well as specifications are subject to change without notice. Please consult factory for item availability.

**SAFETY INFORMATION TERMS:** The following terms are used to identify hazards, safety precaution of special notations and have standard meanings throughout this manual. They are printed in all capital letters using a bold type face as shown below, and preceded by the exclamation mark symbol. When you see the safety alert symbol and one of the safety information terms as shown below, be aware of the hazard potential.



- DANGER:** Identifies the most serious hazards which will result in severe personal injury or death.
- WARNING:** Signifies a hazard that could result in personal injury or death.
- CAUTION:** Identifies unsafe practices which would result in minor personal injury or product and property damage.



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