
**INSTALLATION INSTRUCTION, PARTS LIST
AND CONFIGURATION GUIDE**

FOR THE

CARBONATOR RETROFIT KIT

675-0153



NOTICE:

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THIS DOCUMENT CONTAINS IMPORTANT INFORMATION

This manual must be read and understood before the installation and operation of this equipment.

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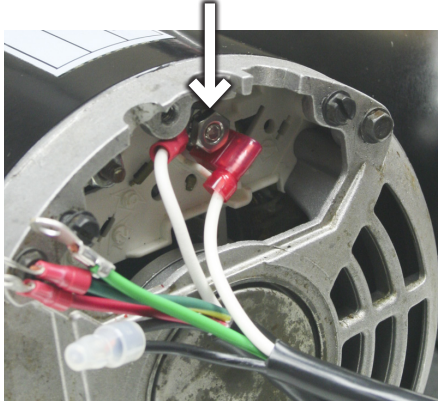
1. Prepare Carbonator

- Unplug unit from electrical power.
- Bleed any pressure from the tank by shutting off the CO₂ and water sources and venting the tank via the pressure relief valve.

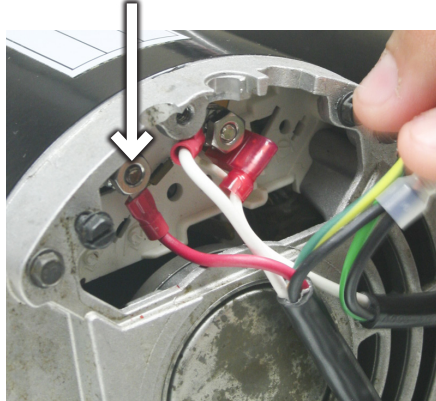
2. Replace Wiring

- Open wiring compartment by removing back plate of motor.
- Remove existing power cord and control module pigtail wiring connections from within the motor housing and discard.
- Connect new power cord/pigtail assembly provided in kit with provided KEPS nut (2) hardware.
 - White terminals connect to L2, Red to L1, and green terminals to ground screw.

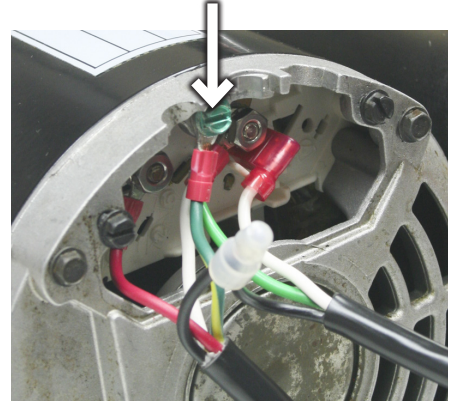
2 White Terminals to L2



1 Red Terminal to L1



2 Green Terminals to Ground Screw



IMPORTANT

VERIFY ALL CONNECTIONS ARE SECURE AND ROUTE WIRES AS NECESSARY TO ENSURE LIVE TERMINALS/CONNECTIONS DO NOT TOUCH EACH OTHER OR THE MOTOR CHASSIS.

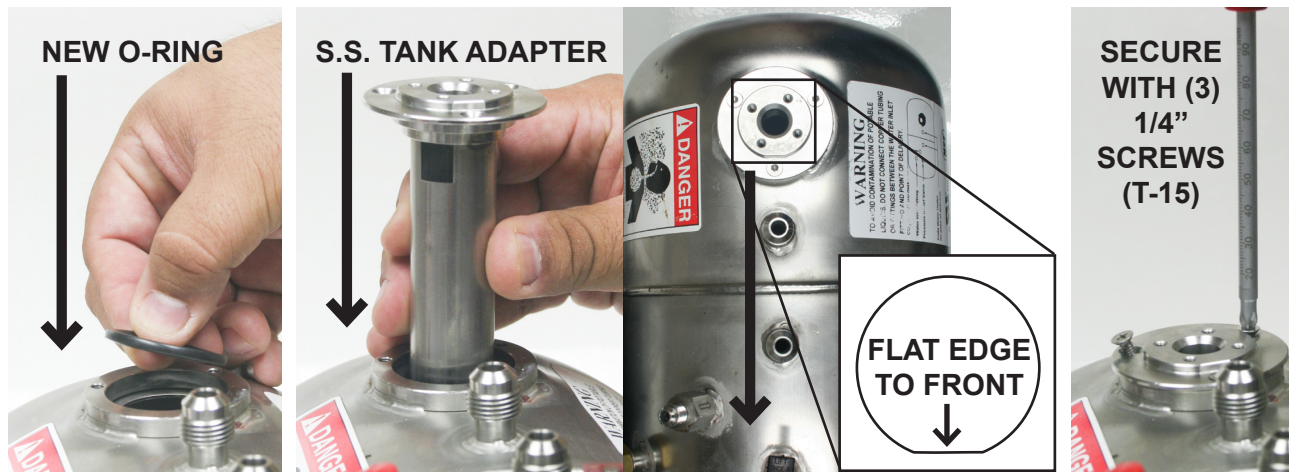
- Route power cord and pigtail cords into strain relief cutouts of motor housing and secure by closing the wiring compartment with the back plate.

3. Replace Control Module

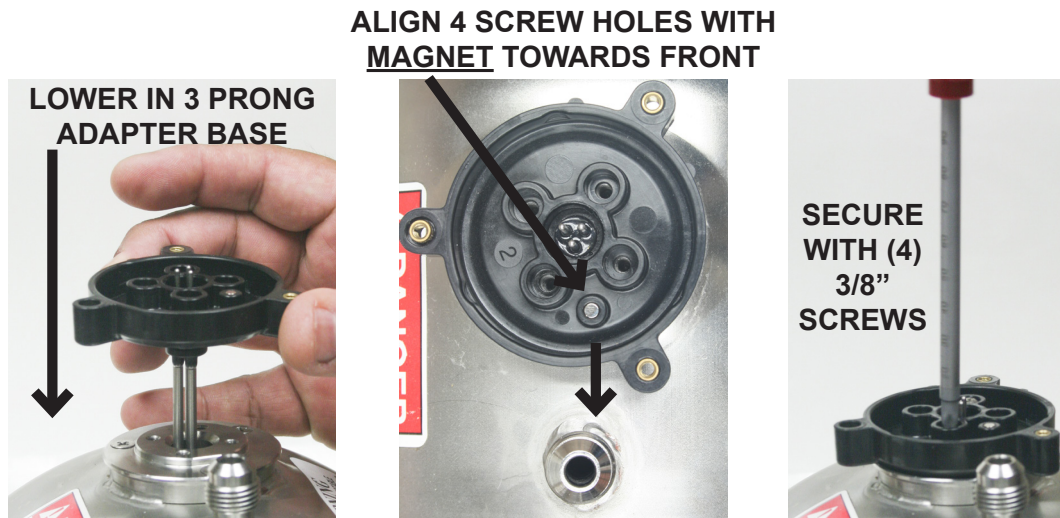
- Remove existing control module from carbonator tank as shown and discard.



B. Using provided hardware and new o-ring, install the stainless tank adapter as shown.

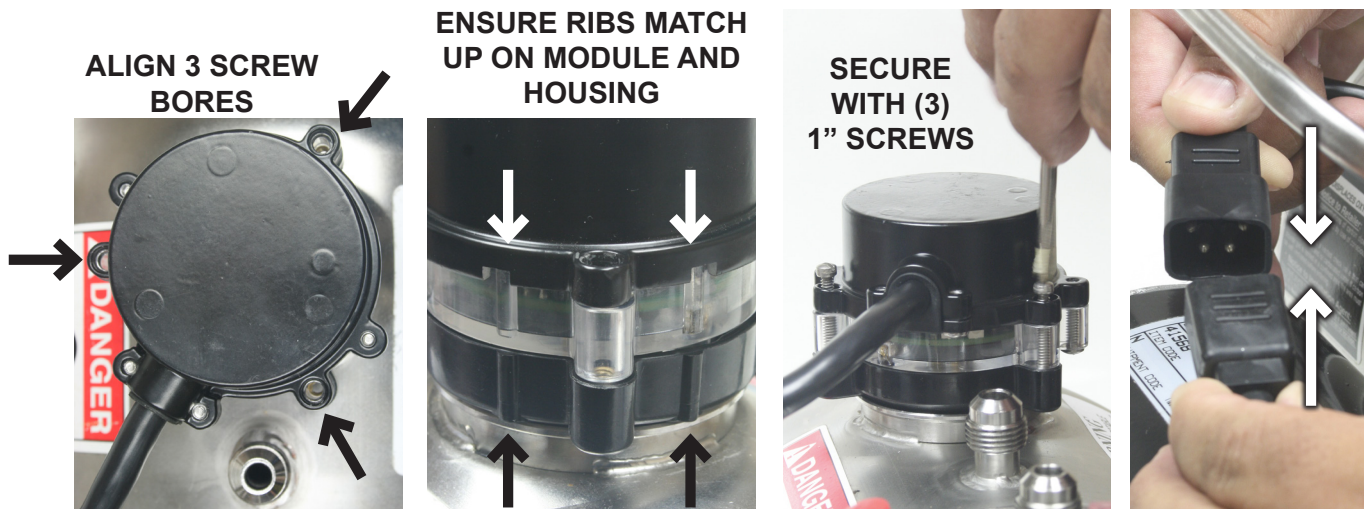


C. Using provided hardware, install the lower probe housing as shown.



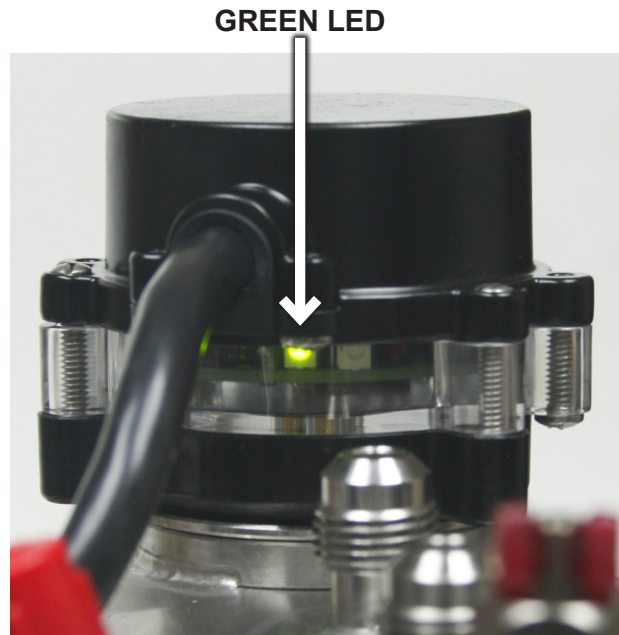
D. Install the new control module as shown.

1. Match alignment screw bore and ribs on module case to lower probe housing.
2. Connect the four prong module power cord to the pigtail installed in Section 2.



4. Ensure Return to Proper Operation

- A. Verify all electrical and mechanical connections are properly made and secure.
- B. Turn CO₂ back on and check for proper pressure setting at CO₂ regulator (100 PSI). Verify tank connections are secure and leak free.
- C. Turn water supply back on to tank and again check for any leaks.
- D. Reconnect the unit to electrical power and look for the green LED on the control module to light up. This indicates proper functioning/install of the conversion kit.
 - 1. If green LED does not illuminate:
 - a. Verify all wiring is correct.
 - b. If problem persists, contact Schroeder America.



- E. Carbonator should start a refill cycle after a 10 second start delay if demand is present. If tank is at or above the full level of the new probe assembly, initiate demand by draining some water from the tank by opening a down-stream dispensing valve.
- F. Verify carbonator functions normally once refill level is met and carbonation levels are satisfactory.

NOTE:

It may take several refill cycles to generate and stabilize the carbonation level at the point of dispense to a satisfactory level.



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