

BARTLETT INSTRUMENT CO.

ClimateBoss & WeatherBoss Lid Swap

Installation Quick Start

Step 1: Turn off the power feeding your existing controller at the breaker box.

Step 2: Unscrew four plastic corner screws off the front of the controller

Step 3: Unplug and label the output ribbon cable, 24v wire, and common wire

Step 4: Now that the old top lid is uninstalled, we can install the new lid assembly

Step 5: At this point install the CH add on board attached to your new lid assembly into the relay board in the bottom of the enclosure. See **Figure 1** below.

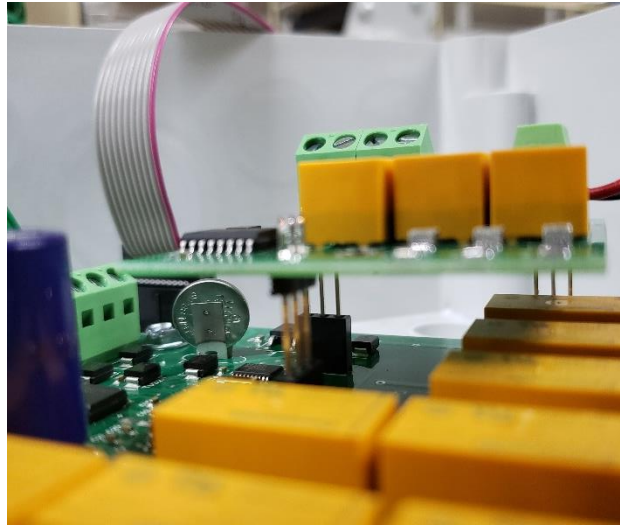


Figure 1: CH add on board pins connected into headers on bottom relay board.

Step 6: Plug ribbon cable in housed header marked in yellow on the lid. See **Figure 2** below.

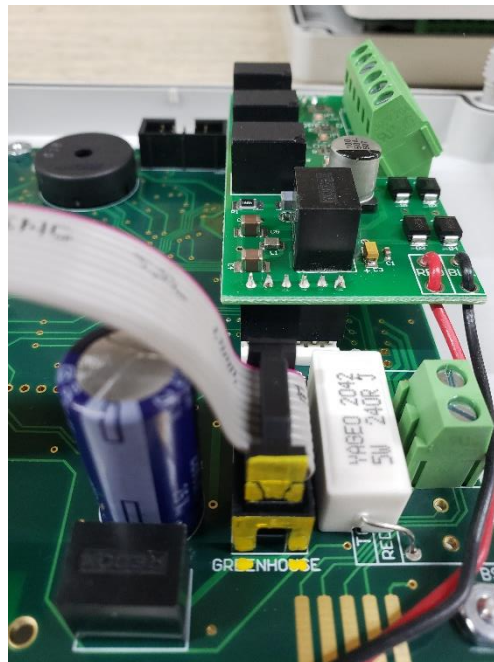


Figure 2: Ribbon cable plugged into top board.

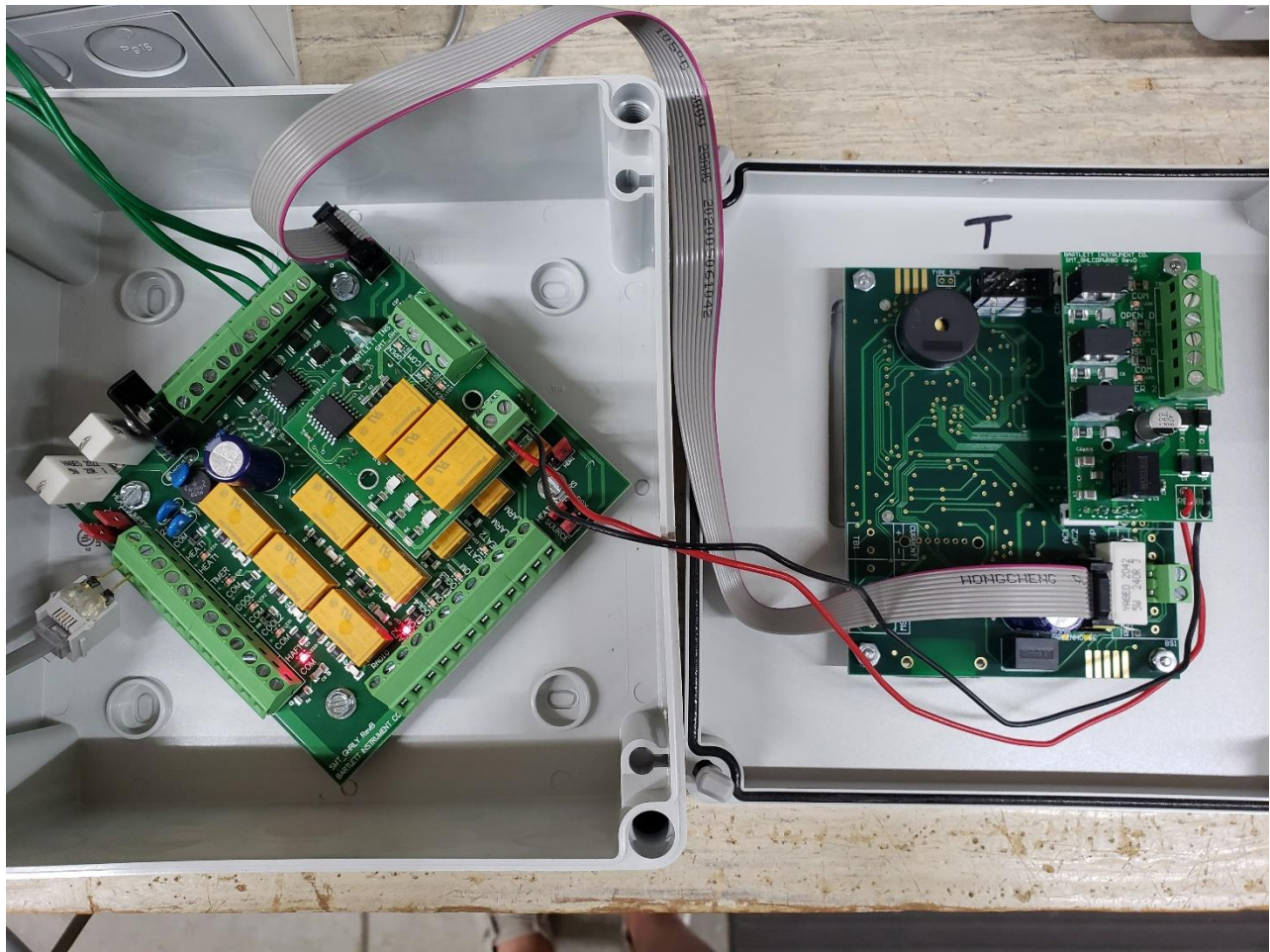


Figure 3: Overview after all connections are made on ClimateBoss. (See **Figure 4 & 5** for additional connections on WeatherBoss)

Step 7: If installing a ClimateBoss Lid, proceed to **Step 9**. If installing a WeatherBoss lid, the rain sensor connections will be moved from the connection board to the lid's power supply board.

Step 8: Connect the rain sensor at COM & Close D on the power supply board as shown in **Figure 4 & 5**.

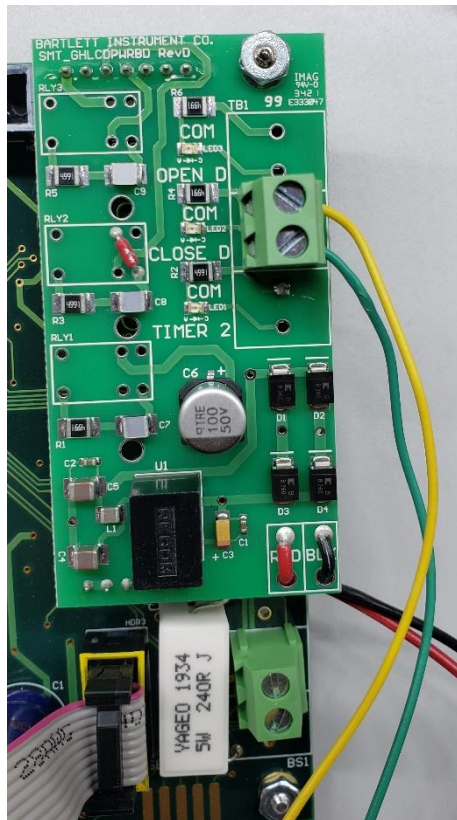


Figure 4: Rain Sensor connections.

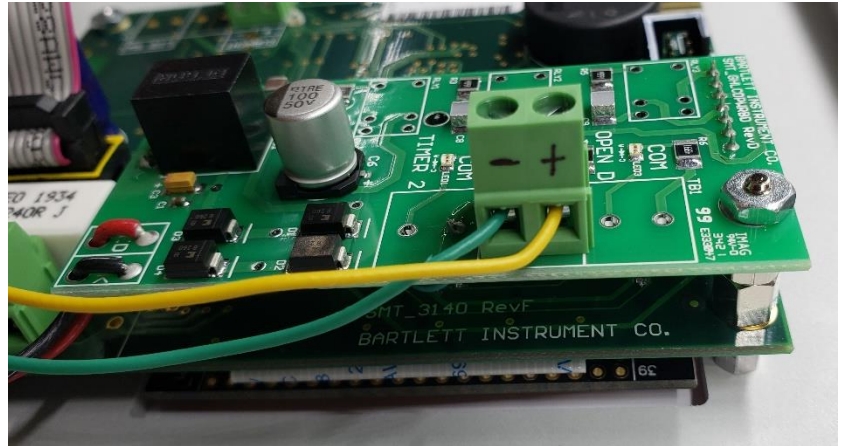


Figure 5: Rain Sensor connections at terminal block on WeatherBoss power supply board.

Step 9: Reassemble the top lid with the four plastic screws

Step 10: Turn the power back on at the breaker.

