Time Delay Relay Replacement Instructions for
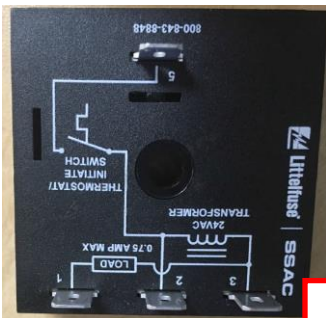# Allied BCE3MC Air Handlers

Materials Required:

- New 105241-01 time delay included in the time delay kit (Littelfuse/SSAC #CT1S45 or ICM #BB1201 w/ red printing on time delay)
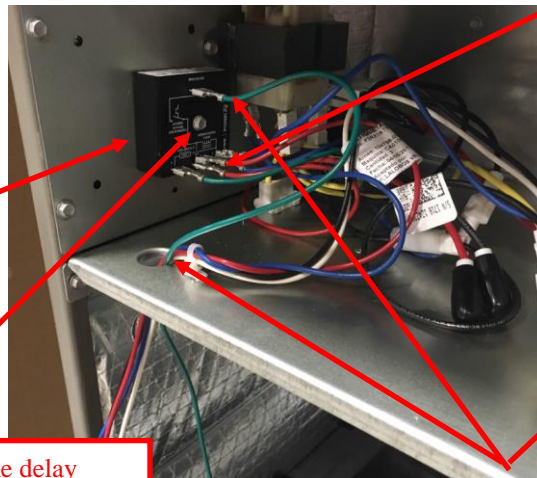- ¼" Nut Driver
- Needle Nose Pliers

Replacement Instructions:

Step #1: Turn off Power to the air handler – if the air handler is installed.

Step #2: Remove the top access panel by removing the five (5) screws using the ¼" nut driver.

Step #3: Remove the ¼" hex head #8-32 x 1" screw securing the existing 104772-01 time delay (violet/blue case with white printing) leaving the wiring connected to the time delay.

Step#4: Install the new time delay in the control box with the three (3) terminals positioned at the bottom & printing on the time delay is upside down, using the ¼" hex head #8-32 x 1" screw and the ¼" nut driver.

Step #5: Transfer the wiring from the existing time delay to the new time delay, one wire at a time. Use needle nose pliers on the wiring terminal to remove the wire. Do **NOT** disconnect wires by pulling on the wires; this may damage the wires. The new time delay wiring and terminals are identical to the existing time delay.

1. Connect the **GREEN** "Pig tail wire" routed through knockout in the control box to terminal #5 at the top of the time delay.
2. Connect the two (2) **BLUE** wires to Terminal #3 on the time delay
3. Connect the two (2) **RED** wires to terminal #2 on the time delay
4. Connect the **GREEN** wire from terminal #1 on the blower relay to terminal #1 on the time delay

Step #6: Verify the wiring is correct using the picture below and the unit schematic diagram provided on the access panel.

Step #7: Reinstall the unit access panel with the five (5) ¼" hex head #8-32 x 1" screws using the ¼" nut driver.

Step #8: Restore power to the unit, if the unit is installed.

Step #9: Check for proper air handler blower operation in cool mode, heat mode and continuous fan mode.

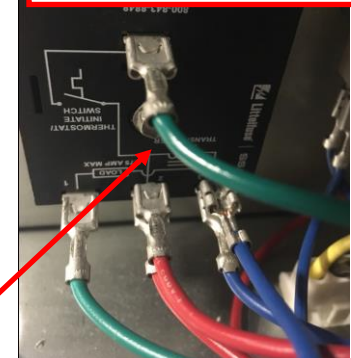- The time delay provides a 1 second on delay and 45 second blower off delay.

Install new 105241-01 time delay with 3-terminals located at the bottom & printing upside

Reinstall existing unit wiring on new time delay as shown. Wiring is the same on original and replacement relay

Secure Time delay with #8-32 x 1" hex head mounting screw – **Hand tighten only**

Critical Step
Green wire from Terminal #5 must be connected to green wire routed through knockout in control box