

# Quest 506 Fan Capacitor Retrofit

**Overview:** The fan capacitor on the Quest 506 has changed from a black plastic capacitor to an aluminum capacitor. This document will show how to install the new capacitor.

## Tools Needed:

- Drill
- T30 Torx bit
- T20 Torx bit
- Drill Bit - 5/16
- Pliers

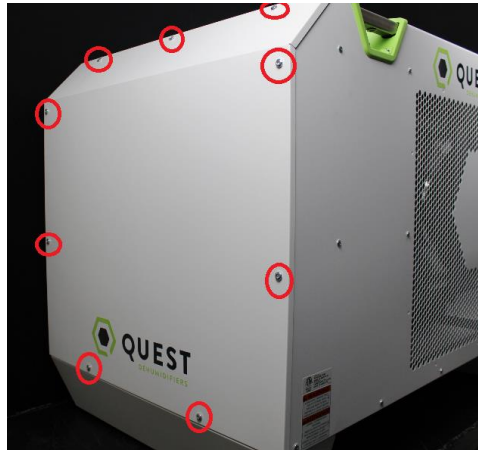
## Parts:

- 4042209-03

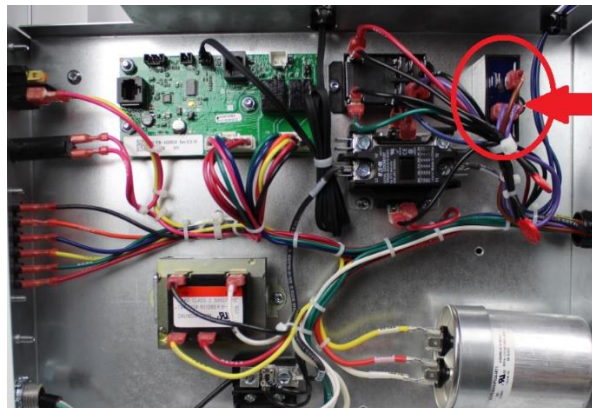


## Instructions:

1. Unplug unit from power source. **!!RISK OF ELECTRICAL SHOCK!!**
2. Remove T30 screws holding access panel



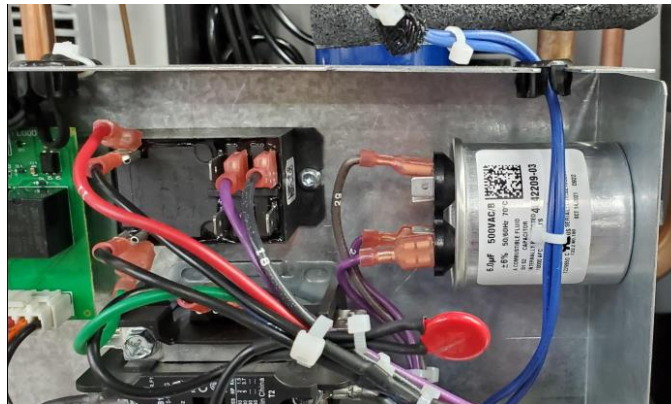
3. Locate black plastic fan capacitor and remove 3 wires.



4. Remove T20 screw holding in capacitor. Discard capacitor and screw.
5. On the right side of the electrical box drill a 5/16 hole.
  - a. 1.5" down from the top
  - b. 1" in from the back of the electrical box



6. Remove black plastic nut from end of aluminum capacitor.
7. Install new capacitor stud into the hole and secure with black plastic nut.
  - a. Tighten slight with pliers but do not over tighten.
  - b. Orient capacitor terminal so these are on top of one another.
8. Connect wires to capacitor
  - a. Insert 2 purple wires on the bottom terminals
  - b. Insert 1 brown wire on the top terminals



9. Reinstall access panel
10. Power unit on and check for fan operation.

**Retrofit Complete**