

Quest 506-230v: #4036600

Quest 506-277v: #4036610

### OVERVIEW:

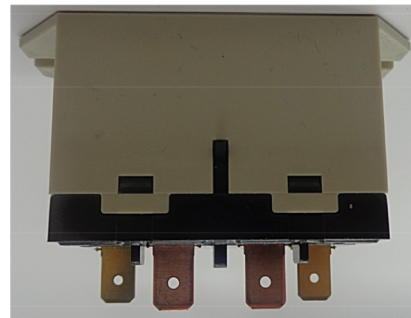
This document shows how to upgrade the original black fan relay on the Quest 506 to a more heavy-duty relay. This relay may help with units running in high temps and/or poor electrical supplies.

### TOOLS NEEDED:

- T30 Torx bit
- T20 Torx bit
- Pliers

### PARTS:

- 4022484

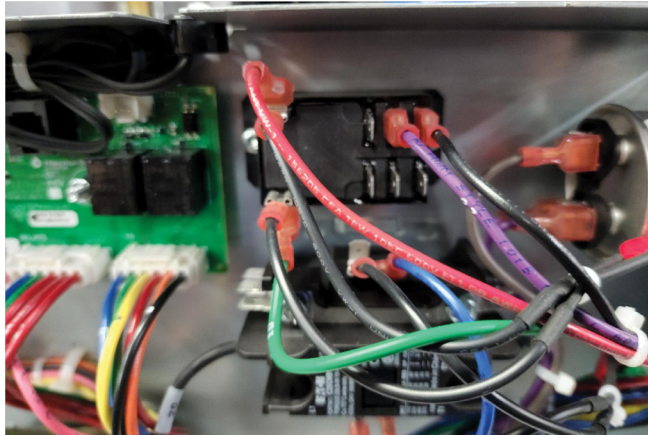


### INSTRUCTIONS:

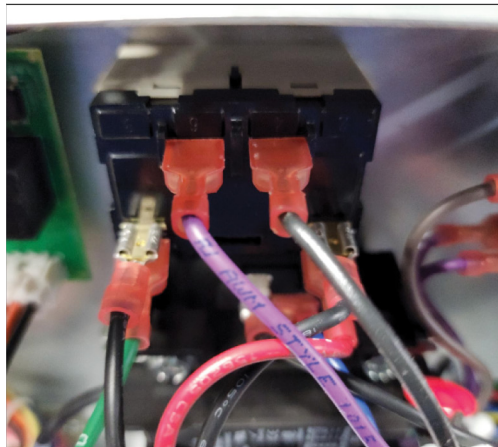
1. Unplug unit from power source. **!!RISK OF ELECTRICAL SHOCK!!**
2. Remove T30 screws holding access panel



3. Locate black plastic fan relay and remove wires.



4. Remove T20 screw holding in fan relay. Discard old fan relay.
5. Install new fan relay in same location as old. Orient as shown in the picture below.



6. Connect wires to the new fan relay. See picture above.
  - A. Purple and Black wires on the top terminals that are close together.
  - B. Green and Red wire on bottom terminals that are farther apart.
    - I. The green and red wires may have piggyback connectors attached with black wires leading to a red circle varistor. If present leave in place but some units this part will not be present. Later models do not require this part.
7. Reinstall access panel.
8. Power unit on and check for fan operation.

**Retrofit Complete**