Follow these instructions to replace a control box on a Fulfill Retrofit melter.

**WARNING:** Risk of personal injury or equipment damage! Refer to the safety information provided in the melter manual before servicing the melter. Failure to comply with the safety information provided can result in personal injury, including death.

**Required Tools:**
- Phillips head screwdriver
- 8 mm wrench
- M2.5 Allen wrench

1. Disconnect and lock out power to the melter.
2. Remove the 4 screws that secure the top to the control box.
3. Disconnect the electrical connections to the control box.
4. Remove the two thumb screws that secure the control box mount to the lower bracket, and then remove the 4 screws that secure the control box to the mounting plate.
5. Install the mounting plate onto the new control box.
6. Replace the control box, and then tighten the two thumb screws that secure the control box to the bracket.
7. Make electrical connections according to the wiring diagram below. Tighten the level sensor connections to 1 N-m (9 in-lb).
8. Set the configuration switches on the new PCA board. Refer to the manual for configuration switch settings.
9. Calibrate the level sensor settings according to the procedure as shown below.
10. Replace the top on the control box. Resume normal operation.

**Level Sensor Calibration**

**Basic (Empty Level) Calibration (Required)**

**CAUTION!** Do not attempt empty calibration with a full melter. Doing so will result in an overfill condition.

1. Allow tank to reach application temperature.
2. Adhesive level should be at or below the bottom of the probe.
3. Close lid.
4. Press SW3 (blue button) until all LEDs stop changing color (approximately 5 seconds).

**Precision (Full Level) Calibration (Optional)**

1. Allow tank to reach application temperature.
2. Hand fill the adhesive level so that the pellets are at the top of the probe.
3. Close lid.
4. Within 30 seconds, press SW2 (white button) until all LEDs stop changing color (approximately 5 seconds).