

KRENDL GV230 FAN CHAMBER & COVER RETROFIT INSTRUCTIONS



Below are instructions on how to change the fan chamber and fan cover on an older GV230 to the new style chamber and input cover with the 8" input tube that allows removal of batted insulation.

If you have any questions during this upgrade, please do not hesitate to contact Pest Control Insulation, LLC at (770) 766-6050.

Tools Needed:

- 3/8" Wrench
- 1/2" Wrench
- 9/16" Wrench
- 1/4" Allen Wrench
- Phillips Screwdriver

Instructions:

1. Remove the limit switch and actuator from the input tube on the fan chamber cover.
2. Remove the fan chamber cover.
3. Remove the fan blade.
 - a. Remove the cap screws and insert them into the tapped holes in bushing flange.
 - b. Tighten the cap screws progressively in a clockwise rotation placing equal amounts of torque until bushing disengages.
 - c. Remove the fan from the jack shaft.
4. Remove the limit switch and actuator on the fan chamber output tube.
5. Remove the fan chamber by removing the countersunk screws on the back of the chamber.
6. 6. Install the new fan chamber.
7. Install the limit switch and actuator on the fan chamber output tube.
8. Reinstall the fan blade.
 - a. Be sure the tapered cone surfaces of the bushing and the inside of the fan are clean.
 - b. Place bushing loosely into the hub on the fan.
 - c. Start the cap screws by hand, turning them just enough to engage the threads. NOTE: Do not use a wrench at this time.
 - d. With the key in the shaft keyway, slide the fan and bushing onto the jack shaft. NOTE: Make sure the fan blades are facing outward and that the bushing is seated against the back step of the jack shaft. There should be approximately 1/8" gap between the fan and chamber so they don't rub.
 - e. Tighten the cap screws progressively with a wrench in a circular direction to ensure equal tension as the fan draws down on the shaft to achieve 192 inch pounds of torque. NOTE: Do not attempt to pull the bushing flange flush with the hub end; some gap must remain between the flange and the hub after tightening.
9. Install the new fan chamber cover with 8" input tube and secure with bolts.
10. Install the limit switch and actuator on the input tube of the fan chamber cover.

