

# Geo Knight Co 16x20 Heat Platen Tension Reduction Adjustment

Remove the heat platen from the press. (see separate instructions for this if needed)

Remove the 4 nylon locknuts from the center of the cover, and lift the black cover off the heat platen. (Remove 2 screws and wire-harness clamp to help wires pass through cover if needed)

Lift the 2" square steel block off the center 4 threaded studs.

Remove any loose washers the 2" steel block rested on.

Remove the 4 LOCKNUTS (very tight) from the 4 studs. These 4 locknuts press down on the raw-steel plate underneath.

**Add 4 new washers on top of the steel plate, down onto the 4 threaded studs.**

Reinstall the 4 locknuts tightly. There should be 4 more washers (one on each stud) under these locknuts.

Drop any original washers on the studs that were on TOP of the locknuts.

Drop the 2" square steel block back onto the 4 studs.

Replace the top cover and tighten the 4 top locknuts back on.

## **Overall Review:**

**You are simply adding an additional washer on each of the 4 studs, UNDER the steel locknuts that tighten down on the raw steel sandwich plate.** That should significantly reduce the tension in the heat platen, and reduce the curvature in the surface. Heat Up and Press the platen a dozen times to re-flex it, and check the flatness – it should be within 1/16" or less gap in the center, by design.