

Deluxe Heatsink Lapping Kit Instructions

Comes with:

- Five (5) (approximate size) 4.5" x 5.5" (114 x 140 mm) sheets of wet-or-dry sandpaper
- One (1) 4" x 4" (102 x 102 mm) piece of Plexiglas
- Grits included (in order from blue to gray): 400, 800, 1200, 2000 & 2500



Step 1: Read these instructions fully before you start the lapping process. The lapping process is messy so please be prepared. Wear appropriate clothing and use an appropriate table or surface.

Step 2: Start the lapping process with the coarsest of sandpaper and move to the finest in intervals.

Step 3: Use water! Add some water to the sandpaper before starting the lapping process. This will keep the metal shavings from building up on the sandpaper and keep the contact surface between the heatsink and sandpaper properly lubricated to avoid skipping and uneven lapping. The water will also help keep the sandpaper affixed to the Plexiglas. Some people prefer to tape or wrap the sandpaper onto the Plexiglas surface to avoid sandpaper movement as well.

Step 4: Clean the heatsink and sandpaper often! This includes between intervals to avoid larger shavings and materials scratching the surface when you move to a finer grit. Very Important!! Not doing this can leave visible and unwanted scratches.

Step 5: Change up your Lapping motion. Circular motions will provide a very smooth surface. This is very similar to waxing your car. Remember... wax on.....wax off! Don't apply a great amount of pressure. The heatsink itself should be heavy enough to achieve the sanding required. Spend 10-20 minutes per interval depending on finish. Going to fast with your motions can create uneven surfaces and marring of the heatink. You can finish the final few grits with a straighter motion to achieve a higher "glossy" finish but no need for the first few intervals.

Step 6: Install the heatsink normally. This is going to include cleaning the surface with ArctiClean or another appropriate cleaning material (sold separately).

