

Drive wheel installation instructions.

Don't be a CLOWN, read these instructions and follow them to the LETTER. The biggest problem guys have in assembling this grinder is the Drive wheel installation.

Installing the drive wheel is the easiest part of the grinder if you follow the instructions below.

1. Remove key from Motors shaft.
2. Do a test fit with the drivewheel to see if it will slide on the motors shaft.
3. Only do this step if wheel will not slide on a unkeyed motor shaft, Next sand motors shaft with included 220 grit sandpaper by wrapping all the way around shaft and stroking up/down for 7 seconds. This is all it usually takes to get the drive wheel to slide on.
4. If you did it right the drive wheel will slide on shaft and stay where you pushed it on, wheel should easily slide on/off and stay wherever you place it. This is a solid interference fit that you are looking for.
5. Next line up keyway slot on the motor and drive wheel and attempt to place key in, chances are its too tight a fit. So stroke key on side of file or sandpaper for two strokes on all four sides and try again to place in between wheel/motor, Once you can get it to slide in about $\frac{1}{4}$ of the way drive it in with light blows from a hammer. (Make sure you loosen allen key in drive wheel cause chances are its blocking keyway slot)
6. Tighten allen key when drive wheel is on shaft and you can just put your fingertips between wheel and grinder body. Use something like a adjustable wrench to tighten key, you need mechanical advantage to get it tight enough to not loosen.
7. Viola your done.
8. In case its not obvious the set screw is slightly offcenter, ensure the screw is closest to the motor when installing drive wheel.