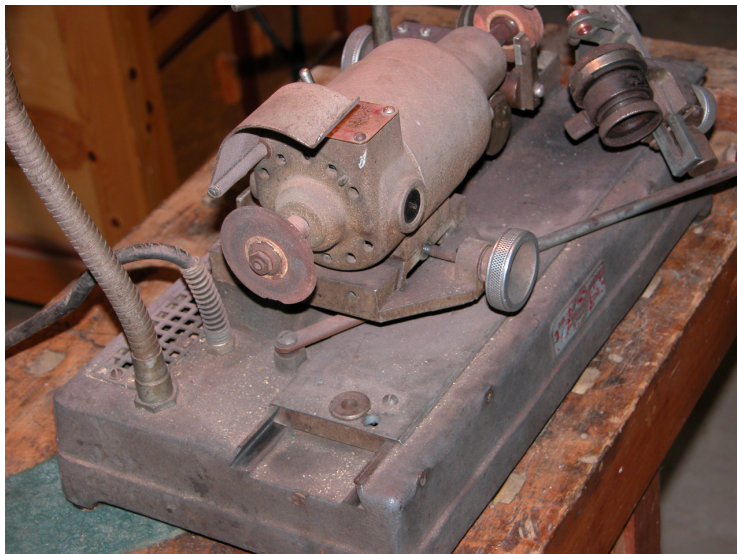
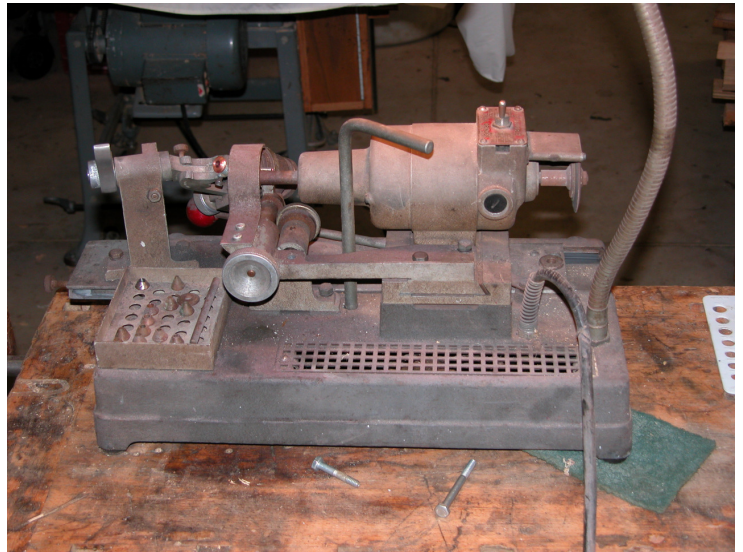
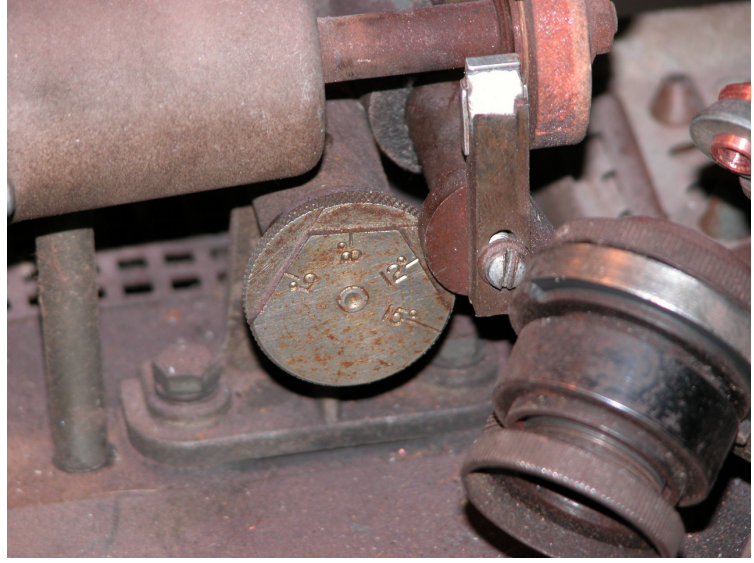
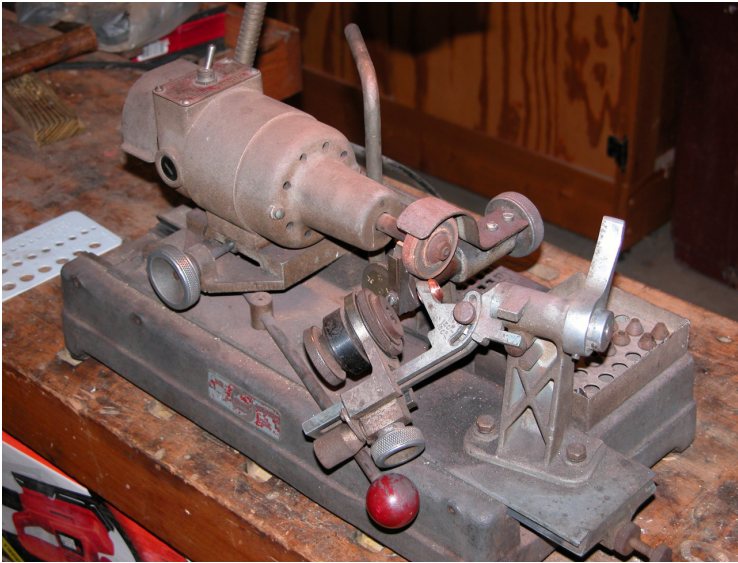


DuMore Series 21-011, Model 1836, S/N -357

DuMore No. 21 Drill Grinder, as found with heavy coating of caked on oil residue and dust, along with a little bit of rust. All moving parts were essentially frozen from dried grease and hardened oil. Wiring was frayed and cord was split in several places.





Here is the unit following a good cleaning and degreasing. I ended up replacing the primary electrical cord, but I was able to clean up almost every thing else. The slides were really gummed up, but work smooth now that they have been cleaned and oiled. The only item I was not able to restore to functionality is the drill holding chuck. The chuck core is supposed to come out of the collar to allow insertion of a drill bit. The core is frozen in the collar. I tried penetrating oil, heat and moderate force, but was not able to budge it. The unit is still functional; one just has to align the bit with the guide and then tighten the collet to hold the drill bit for sharpening. Every thing else seems to function ok.

There are a couple of things missing yet.

1. The goose neck and magnifying glass
2. The grinding post for web thinning and course grinding
3. The course grind stone
4. The web thinning stone has a large chip in it

There are 12 original guide collets of various sizes plus 2 that I made. I also have the owner's manual in electronic format (PDF).

