Action Work

Action work can vary considerably in price, depending on what gets done. Bolt Action Hunting rifles, for example, will generally not need as much action truing/blueprinting work as a rifle being built for serious benchrest or competition use. I do not build from parts and sell Custom Rifle, I improve your rifle that you already own or if bring me a receiver you own I can build you a custom rifle. The following "Accurizing Package" is the most popular way to accurizing a factory rifle. This includes only the very best of components and gunsmithing techniques! This includes most accurizing steps normally done to a factory rifle and will bring out about all the accuracy possible while still using the factory barrel. . First the bore is scoped and a chamber cast is made to determine if barrel is good. Problems, I will call before further work is done, minimum charge of $35.00 if you decide not to complete the work. Truing the action; the receiver lugs, the receiver barrel face, bolt lugs, bolt face and re-crowning the barrel. The barrel may have to be set back one thread to correct headspace and may also have to fix primary extraction problems because of the truing operations. Pillar bedding the action and barrel into the stock, free float barrel, gauging headspace, lapping the scope rings, and smoothing the trigger.

Accurizing Action with a re-barrel is everything in the first package except setting the barrel back. Plus additional machining done in the second package is single point cut receiver barrel threads, chamber a new barrel and fitting barrel to receiver (cutting threads, shoulder and head-spacing) Note when truing receiver barrel threads you no longer can use a standard factory barrel because the receiver thread hole has been enlarged. Additional items you may want done; re-boring the bolt raceway, sleeve the bolt to reduce bolt clearance/slop, or sleeve the receiver to take out the slop, bushing the bolt face to reduce firing pin hole size, and reworking or replacing the firing pin and spring, etc, etc.

I mention above about primary extraction, this happens at the very end of lifting the bolt. There are two slope surfaces, one on the receiver and the other on the bolt handle that moves the bolt backwards. Thus pulling out the cartridge from the chamber before you even pull on the bolt to extract the empty or loaded case (happens on lifting the bolt). When truing or blue printing an action the metal material removed from the lugs increases the space between the two slope surfaces and decreases the mechanical leverage of removing the case. If you are having extraction problems after firing a round, or stuck cases, and you have to pull hard to get the case out, this could be the reason. I can fix this problem.