

***ProSHOTS -* Gunsmithing**

“All you need for happiness is a good gun, a good horse, and a good wife.”

-Daniel Boone

None of which should go very long without a little TLC!

That’s why we have an **on-site** gunsmith equipped with a degree in gunsmithing, multiple armorer certifications as well as years of experience, to help you inspect, upgrade, and maintain your firearms. “As for the horse and wife, you are on your own.”

Firearms brought into ProSHOTS should ALWAYS:

- Be Unloaded
- Have actions Open (showing clear)
- Have safeties On
- And be carried within a case, holstered, or kept pointed in a Safe direction

If live ammunition is stuck/jammed in a firearm:

In the event of a “jam”, within the magazine chamber or otherwise, follow the guidelines listed in the above section, and be sure to inform associate immediately.

How it all works

Repair/General service pricing

Pricing is done on a case by case basis. Many are easily diagnosed and priced over the counter while others may require time to be disassembled, inspected, and test fired.

Common services and pricing guides are outlined in this book, but in no way do they define the limitations of the services we provide. Listed prices are set as guidelines and may vary under certain circumstances.

(We will give you a heads up if that is the case)

Estimates

If you are like us, the idea of someone having an hourly rate and guessing how much time it will take (as most gunsmiths do) is less than desirable.

That's why we provide you an exact out-the-door quote that includes parts and labor before you decide whether or not to give us your business.

We do however attach a \$20 minimum bench fee to all work orders that are left with us for an estimate to cover inbound and outbound paperwork, as well as time spent on performing diagnostics, looking up parts, etc.

Repair/General services wait time

An ETA will be given with the estimates for services.

However, said time may vary due to a backlog of pre-existing work orders. Furthermore, service requests may be delayed as a result of manufacturer availability of required parts for repair.

Accommodation for accelerated work orders can be made for firearms that are required for occupational use, defensive applications, or scheduled events such as competitions, or hunting trips.

Just let us know what you need, and we will do our best to make it work for you!

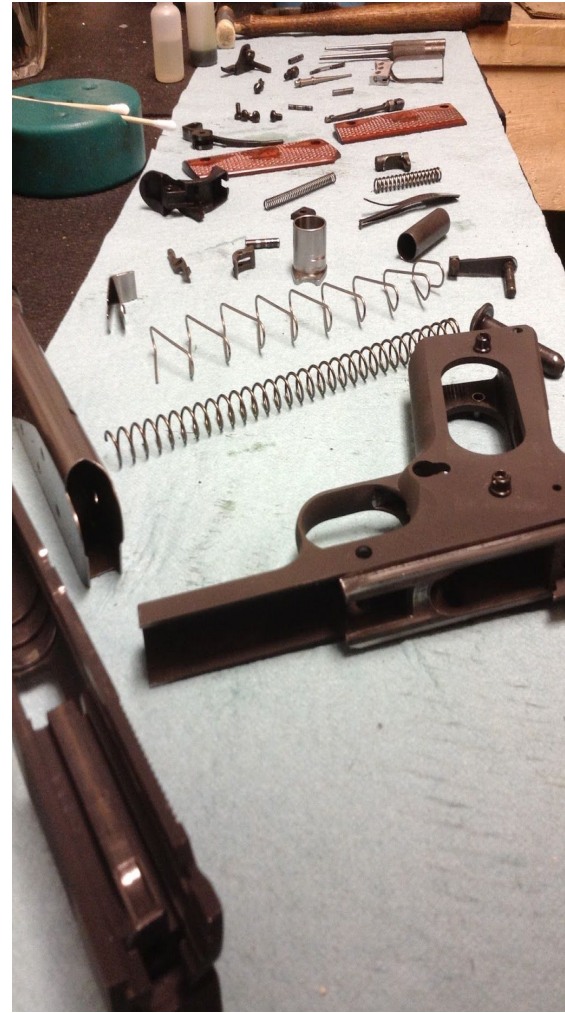
How to get started

Just bring in your firearm, fill out a ticket, and let us run a copy of your ID to attach to your work order. It's that easy!

Cleaning *and* Inspection



Cleaning and Inspection by a professional gunsmith is far from a basic field strip! Our smith will fully disassemble, clean, and lubricate your firearm to proper specifications. Included in this service is a thorough inspection and a function check, so you can be sure your firearm is returned in A1 condition.



Pricing for this service generally ranges from \$45-\$95 depending on make and condition of firearm.

Fouling services are available upon request at no additional charge, but will require ammunition.

For those of you who are not familiar, fouling is the act of re-establishing copper residue within the bore, and ensuring function as well as zero. This is accomplished with live fire and is recommended for any firearm used for defensive, competitive, or hunting applications. A “clean bore shot” is almost always off zero to some extent.

Handgun sight installation

Sight installation on non-fitted sights

Glock, XD, M&P, HK, Sig, some revolvers without pinned front, etc.

- \$35 for sights bought in-house
- \$45 for sights bought elsewhere

(+ \$10 for sights that require drilling for pin)

(+ \$10, target, and ammunition for sights with adjustment screws)

Sight installation on fitted sights

All 1911 cuts, some revolvers with pinned front, etc.

- \$65 for sights bought in-house
- \$75 for sights bought elsewhere

(+ \$10.00 for staked front sights on 1911)

(+ \$10.00 for sights that require drilling for pin)

(+ \$10.00, target, and ammunition for sights with adjustment screws)

Due to staked front sights on 1911 (**non-dovetail or GI-cut front**)

having the potential to fall out regardless of the quality of installation.

This service is unfortunately not guaranteed, however we will meet you halfway and cover installing a new sight if you cover the cost of the sight itself.

Rear sight replacement on adjustable S&W revolvers

- \$50

(+ cost of ammo and 1 target if professional sighting is requested)

Laser installation and sighting

- \$35

(On-range sight adjustment is FREE but requires the addition of ammunition and 1 target.)

Trigger/Action Jobs

A smooth repeatable break, trigger pull weight, pre-travel, and post-travel are critical to speed and accuracy. Due to the large variation in mechanics, materials, and aftermarket part availability from firearm to firearm, applicability for such a service can vary from 101 options to none at all.

This is simply a list of the most common services we provide, but in no way denotes the limitation of options for firearms listed and unlisted, so feel free to ask.

Please keep in mind that **safety** and **reliability** are the 2 most important characteristics of any firearm, and will not be sacrificed in an attempt to match the poundage of “Leroy’s trigger job”.

Trigger Kit Installation For:

Glock, XD, M&P, MKII, MKIII, CZ, etc.

- **\$55 for most handgun triggers kits if bought in-house**
- **\$65 for most handgun triggers kits if bought elsewhere**

(All semi-automatic trigger kits require 50rds for test fire without exception.)

(+\$10 for kits that require fitting)

S&W Revolver Action Job

Smoother, lighter, more consistent pull in both double and single action.

Results dependent upon model, desired pull-weight, and intended use.

Most can be brought from the factory DA pull of 13 lbs to 9-10 lbs

without use of -power hammer springs.

(risking light strikes and not recommended for defence)

\$75 + cost of parts if needed

S&W J-Frame Revolver

Apex trigger kit action job combo

The best of both! resulting in a smooth, light pull without danger of light strikes.

Generally resulting in reducing 13lbs factory DA pull weight to under 9 lbs.

- **\$75 + cost of Apex kit**

Ruger Revolver Action Job

Smoother, lighter, more consistent pull in both double and single action. Results dependent on model, desired pull weight, and intended use. Most can be brought from the factory double action pull of 12.5 lbs to 9-10 lbs without use of reduced-power hammer springs (risking light strikes and not recommended for defense).

- **\$75 + cost of parts, if needed**
(LCR models are not applicable for trigger work)

1911 Trigger Job (MIM parts)

Most 1911 are made with case-carburized Metal Injection Molded parts, and for this reason cannot be safely/reliably brought under 5-4.5 lbs for extended use.

- **\$75 + cost of 50rds for safety/ function check.**

1911 Trigger Job (Through-hardened parts)

**Generally only found on 1911 of the quality of Wilson Combat, Ed Brown, Night Hawk, etc. Quality through-hardened parts (replacement or factory) allow for a cleaner, crisper, lighter trigger, while maintaining safety and reliability
(Generally resulting in 3.5lbs).**

Parts of unknown rockwell hardness will be treated as MIM parts for reasons of safety.

- **\$85**
(+ cost of 50rds for safety/ function check)
(+ cost of parts if needed.)

AR-15 Trigger Job (Milspec MIM parts)

5.5 to 8.5 lbs being “milspec” most will be closer to the high end of spec. Dropping a milspec under 5 lbs can become a safety issue but smoothing some surfaces and replacing the trigger return spring can yield a smoother 4.5 to 5.5 pull that is safe and reliable, however this will effect pre/post-travel.

- \$45 + cost of return spring

(+ cost of ammunition for safety/function check)



AR-15 Trigger Job (Replacement trigger)

A vast improvement on the milspec trigger. Quality replacement triggers allow you to enhance your speed and accuracy from target to CQB applications.

(Triggers under 3 lbs not recommended, for their tendency to light strike)

- \$35 for pre-set triggers
- \$60 for adjustable triggers

(+ cost of ammunition for safety/function check)



Glass Bedding

Glass bedding a rifle stock is an accurization service found on most any custom bolt action. Bedding a rifle unlocks accuracy potential, by utilizing the stock to stiffen the action of the rifle, yielding repeatable neutral stress, and improved harmonics. Just ask any long range shooter, or better yet, try it yourself.



Bolt Action Rifle

- **\$95-\$190**

No bedding compound currently available on the market will adhere to polymer “plastic” stocks. If you are not sure about your stock feel free to bring it in.

Chamber polishing

Some must polish their chamber for proper function, due to poor reaming at the factory, chip drag, or corrosion, while others do it to make a 100% reliable gun, 110% reliable.

Either way, a slick polished chamber is one of the best things a firearm can ever have, as it directly relates to reliability, corrosion resistance, and not to mention ease of cleaning.

Pistol/Rifle chamber polishing

- \$35-\$50

Shotgun chamber polishing

(Pr Barrel)

- \$35-\$40

Revolver cylinder polishing

- \$55-\$75

Feed ramp polishing

- \$30-\$45

Stippling on polymer pistols



Stippling can be anything you want it to be,

From the simple to the complex, cosmetic to utilitarian. patterns are priced based on how long they will take to finish, so if all you want is a better, more aggressive grip surface don't choose fine-point detail work.

The best strategy is to acquire an image of what you want your gun to look like, or decide with the smith what will best suit your needs. The next few pages are common request and pricing that may vary from list depending on the firearm and desired texture.

Under-cut on Glock frame Removal of a small amount of material from under the trigger guard, allowing for better control and comfort.

- \$35

Forward index point or “Memory Cut” A second undercut in the middle of the trigger to help quickly locate a repeatable grip position.

- \$35



Magwell cut-outs for Glock or M&P

Two semi-circular cuts are made on the sides and/or front of the grip. This aids in magazine removal for tactical reloads and enables magazine stripping in the event of a double feed.

- \$30 for sides
- \$15 for front



Texture levels for Poly Frame Pistols

Grip textures vary from.

Aggressive “take my gun and you're taking skin with it” type grip as found on the Zev Defenders. This is about like skateboard tape, so if you have soft hands it may not be for you.

Medium is more aggressive than factory grip panels but not sharp.

Light is more aggressive than untextured but will not irritate skin. This is often requested on concealment guns that may come into contact with body, while carried.



Individual panels Follow the natural lines of the firearm, and are perfect for finding sure purchase everywhere you want it and nowhere that you don't. You can also use different textures on one firearm.

This is broken up into:

1.Front strap

- \$45

2.Side Panels

- \$50

3.Back strap

- \$45

4.Forward support hand

- \$25

5.Magazine

- \$15pr

Full grip package

#1-4 for the reduced price of

- \$135



Scopes, Red Dots, and Lasers

We stock a large selection of scopes, rings, bases, red dots, and lasers. with the tools and talent to not only equip, but professionally sight in your firearm for self defense, competition, or your next big hunting trip.

We've got you covered!

Installation of Scope or Red Dot + Boresight

- \$35

Professional On-Range sight-ins for your firearm are FREE! All that is required are 20rds of ammunition and 1 target.

Sighting / Boresighting pre-installed optics

This service can be done, however we strongly recommend a removal and reinstallation for proper torque, eye relief, and reticle alignment, as well as the application of a quality thread locker to ensure a lasting zero.

Sighting pre-installed optics is not a guaranteed service.

Pre installed optics

- \$25

Re Installing optics

- \$35

Professional on-range sight-ins for your firearm are FREE! All that is required are 20rds of ammunition and 1 target.

Laser installation and sighting / boresighting on all firearms

- \$35

Professional on-range sight-ins for your firearm are FREE! All that is required are 20rds of ammunition and 1 target.

Free Floating Forends “forends that do not contact barrel”

This service unlocks accuracy potential on any long gun by:

- Removing barrel flex.

Believe it or not your rifle will shift point of impact due to different stresses on the barrel and its flexing toward the path of least resistance.

To see this first hand, rest the forward quarter of the barrel on a sand bag for 3 rds, then rest it toward the action for the next 3 rds.

- Creating consistent barrel harmonics.

Like the strings on a guitar or a tuning fork, vibrations resonate through a barrel, and are altered by contact and pressure. So in the same way a guitar will always resonate the same vibration if nothing changes pressure on the strings, so will your barrel. This is important because the projectile is subject to this vibration, and will only fly consistently when this vibration is consistent.

- Dissipating Heat.

Stocks and forends insulate heat from being shed and distributed evenly. This forces your barrel to flex toward the cool side and stay hot longer unless it is free floated.

- **\$75-\$125**

(Not recommended for most polymer stocks due to flex.)



Sling Swivel Stud Installation

- \$35 per stud
(price includes hardware)



Stock Repair

Due to the wide variation of repairs the range of pricing can be quite wide as well. Most repairs between:

- \$45-\$155



Stock Refinishing

- Not currently offered due to limitations of facility.

(See machining refinishing for reference.)



Machining and Refinishing

Due to limitations of our current facility, we are not able to offer any machining or refinishing services at this time.

“However we can point you in the right direction!”

Aquila Custom Gun Works LLC

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East Bend NC, 27018

Phone: (336) 699-2708

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Ryan Flynn

Owner/Gunsmith

Email: ryan.flynn@acgwllc.com

<http://www.acgwllc.com/>

“Tell ‘em Joshua from ProShots sent you.”

Timing Issues On S&W Revolvers

An revolver being “out of time” is when the cylinder no longer rotates fully into the locking position. This causes misalignment of the cylinder to the barrel. Consequently the fired round is prone to shave part of the pr



ojectile off and send the particulate out the cylinder gap. This being a potential cause of injury, malfunction, and loss of accuracy, a revolver that is out of timing, or timing slowly should be repaired by one or more of the following steps.

- Replace Hand
- Tune Existing Hand
- Open Hand Window
- Tune All Teeth To The Height of the Slowest

- \$95 (+parts if required)

Gunsmith Storage of Customer Firearms

Safe secure storage is a big part of responsible firearms ownership. Whether you are traveling, or in between living situations, temporary secure climate controlled storage of firearms is hard to find and seemingly non existent as a service. For this reason we are opening our safes to babysitting services!

Service includes a quickrust preventative

- **\$25 per firearm for 30 days (if 4 or less)**
(+\$1 a day per firearm after the 30 days elaps)
- **\$20 per firearm for 30 days (if 5 or more)**
(+\$1 a day per firearm after the 30 days elaps)



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