

COLT DOUBLE-ACTION REVOLVERS

NEW SERIES DOUBLE-ACTION REVOLVER LINEUP MADE 2017 and LATER

PERFORMANCE TUNING SERVICES & REPAIR SERVICE by: **HEFFRON PRECISION®**



***HEFFRON PRECISION®* Brings You the Very Finest in Custom Performance Tuning For These Fine Revolvers!**

(New Series-Serial Number Prefixes: RA, VR, PY, PB, GZ, AC, KD)

PREPARE FOR WORLD CLASS PERFORMANCE

This was news that turned the industry on its ear. In 1999 Colt discontinued the production of double-action revolvers, with the exception of the Anaconda and the Python, but they were reassigned as Custom Shop only products. In 2003 the Colt Custom Shop discontinued the Anaconda, followed by discontinuance of the Python in 2005. Just like that, Colt's famous double-action revolvers were gone. The tooling for virtually all things double-action was pretty much worn out and it was scrapped. The chances of seeing a Colt double-action revolver again were slim to none. Then it happened. In 2017 Colt introduced a new-style COBRA. An all stainless 6-shot 38 Special snub nose revolver with a pretty darn slick and light action. There were differences compared to the older designs. There were also similarities. The NEW mechanism design was certainly similar to the old V-style mainspring actions dating back to the Industrial Revolution days, but certain elements were completely new in design, heavily influenced by the bull-strong mechanism found in Colt's J, V, AA, and MM frames of yesteryear. Colt's famed "Bank Vault Lockup" found within their classic revolvers is still present. Similar action designs moved onward and upward to create the NEW King Cobra Model of 2019, the NEW Python Model of 2020, and the NEW Anaconda Model of 2021. These revolvers represent the highest level of precision ever executed by Colt. The design work and engineering is utterly fantastic. Combining those qualities with the new STATE-OF-THE-ART stainless alloys chosen by Colt creates the strongest double-action revolvers ever produced by this historic company. The need for frequent mechanism service is yesterday's news. State-of-the-art modern manufacturing techniques are used for every step to enhance efficiency and to optimize parts quality. From a shooting perspective, these are the most accurate-shooting double-action revolvers every produced by Colt. Adding properly engineered and executed fine tuning to these fine revolvers puts them in a class all their own regardless of price!

HEFFRON PRECISION® is proud to offer the very best tuning available for these fantastic revolvers! We are PROUD to be **COLT's RECOMMENDED CUSTOM-SERVICE PROVIDER FOR THIS FANTASTIC REVOLVER LINEUP!** That's right! Only **HEFFRON PRECISION®** gets this endorsement from Colt themselves. We are honored to say the very least!

A BRIEF SUMMARY OF SERVICES FOR NEW SERIES COLTS

COMPONENT PART TRIGGER JOB®- You send in just the hammer and trigger from your New Series Python, Grizzly, Anaconda, or Kodiak. We will tune those parts so you have a light and crisp single-action trigger pull, a lighter and smoother double-action trigger pull, and increased action smoothness. We can get your parts in right away and get them turned around within 1-2 weeks.

MASTER SERIES TRIGGER & MECHANISM TUNE®- We'll need your New Series Colt Cobra, King Cobra, Viper, Python, Grizzly, Anaconda, or Kodiak here in the shop for this

service. The **MASTER SERIES®** offers an extremely light and crisp single-action trigger with a very slick and smooth double-action pull. Overall action smoothness is at a supreme level. Hammer impact is increased over stock while the single-action and double-action pull weights are dramatically decreased. There is a lengthy wait time before we can get your gun in for work.

DISTINGUISHED SERIES TRIGGER & MECHANISM TUNE®- A special purpose service for dedicated target shooting. For the New Series Python only. We need your revolver in our shop to perform this service. It's much like the **MASTER SERIES®**, but with a lighter action that's better suited for "paper punching". Again, there is a lengthy wait time before we can get your gun in for work.

SIGNATURE SERIES ULTRA TUNE®- The finest revolver tuning ever invented. The lightest triggers that will still ignite a Magnum primer! Includes **BLUEPRINTED ACCURACY TUNING®** with an **AccuCrown®** Match Grade barrel crown! We only do a few of these each year. We'll need your revolver in our shop and there will be a lengthy wait time before we can get your gun in for work. For the New Series Python, Grizzly, Anaconda, and Kodiak.

BLUEPRINTED ACCURACY TUNING® and MISC. GUNSMITHING SERVICES- You will find more information about these on the **FIREARM SERVICES** page, then click on the appropriate box. You'll find additional services as well! They are well worth seeking out.

CUSTOM SERVICE DETAILS AND PRICING

LEVEL 1: COMPONENT PART TRIGGER JOB® SAVE TIME AND SAVE MONEY!! This service provides you with a much better trigger for less money and lead time! Despite the price, the improvement is profound. For this service, you do NOT send your gun in. Just remove a couple of parts from your New Series Python, Anaconda, Cobra, King Cobra, or similar models, then send those parts here. Using proprietary precision fixtures and machining equipment, we machine key spots then finish hone the surfaces to create the geometry we have engineered. YouTube has some great videos explaining dis- and re-assembly.

We have worked on this a while and we execute this with such precision that your parts will go right back in your gun and function exactly as they should, with an important difference: Your single-action and double-action trigger pulls will be greatly improved! Gone is the creepy 5.5-6.0 lbs single-action trigger; it will be 2.75 – 3.00 lbs and crisp! This lighter than the original Pythons were long ago. We even improve the double-action pull with some machining and honing that trims some weight off of the pull while making it smoother, with a reduction of .50 – 1.00 lbs. Your trigger reset will be smoother too! Our geometry also improves primer ignition. While this service does not provide the performance of Heffron Precision's best efforts, it will provide you with a class-leading trigger and smoother action at a modest cost with much faster turn around (If you decide later that you want one of our premium tuning services we can do that at a reduced price). In other words, you get a big slice of performance for lower cost and in less time. In fact, I've been using this service on my personal New Series Colts.

While your parts are here, consider having the trigger machined with our **COMFORT CONTOUR®**. We can contour the face of your Python trigger so the serrations are less aggressive and the outside edges are more comfortable due to us "rounding" the outside edges to essentially duplicate the "feel" of the older Python triggers from the 50s through the 70s. When you get your parts back, they just need reinstallation and a safety check. That's it! **SO, HOW DO YOU SET UP THIS SERVICE?** It's easy! First, if you have any questions, contact us. Next, if you wish to have this service performed simply send us an email telling us so at heffronprecision@outlook.com. Give us your name, phone number, what gun model and finish, and preferred method of payment. We will reply with your total owed including sales tax, your order number, and shipping address. Return

shipping is included in the price! Then, ship your parts here with your payment (if you're not using a credit card) and we'll ship your parts back upon completion which will be within 1 – 2 weeks. If you are using a credit card, we will contact you to collect payment for security purposes. (NOTE: Money orders, Certified Checks, Cash, and Credit Cards will be shipped immediately upon completion. Personal checks must clear before shipment.)

COMPONENT PART TRIGGER JOB© STAINLESS PYTHON & GRIZZLY: **\$245** including return shipping within the Continental 48 United States.

COMPONENT PART TRIGGER JOB© BLUE PYTHON: **\$265** including return shipping within the Continental 48 United States.

COMPONENT PART TRIGGER JOB© ANACONDA & KODIAK: **\$255** including return shipping within the Continental 48 United States.

COMPONENT PART TRIGGER JOB© COBRA, KING COBRA, VIPER: **\$200** including return shipping within the Continental 48 United States.

COMFORT CONTOUR TRIGGER©: **\$65** Stainless Python only – Blue Python **\$125** (trigger must be re-blued)

The **COMPONENT PART TRIGGER JOB©** will provide you with a 2.75 – 3.00 lbs single-action trigger pull, approximately .50 – 1.00 double-action trigger pull reduction along with and increase in action smoothness.

NOTE: The **Component Part Trigger Job©** is available only for the New Series Colt Double-Action Revolvers. Shipping outside of the Continental US will cost extra.

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**LEVEL 2A:** **MASTER SERIES TRIGGER & MECHANISM TUNE©:** This is an advanced custom service that improves both the single-action and double-action trigger pulls and overall action smoothness and slickness well beyond the standards achieved with the **COMPONENT PART TRIGGER JOB©**. The **MASTER SERIES©** receives several additional part geometry alterations which further enhance leverage. All friction points receive a higher degree of polish. Additionally, we disassemble the cylinder and polish all friction points associated with rotation (this helps the double-action trigger pull). The ejector rod and ratchet stem are polished for smoother operation and easier case extraction. We also address 1 area of high friction within Colt mechanisms through a mirror luster polish on one of the surfaces and precision honing on the other. This reduces friction dramatically while allowing this area to retain lubrication. Additional attention is paid to the trigger return/reset which makes fast double-action firing easier to do. The trigger will return to its forward position effortlessly. The overall double-action firing experience has a “perpetual” type of feel. We do NOT lighten springs to achieve our trigger pulls or to enhance mechanism smoothness. The laws of physics still apply and while they can't be defied, we know how to optimize them! Our revolvers will reliably ignite stubborn magnum primers.

The **MASTER SERIES©** gives you a World Class Mechanism with World Class Trigger Pulls. Our **MASTER SERIES©** tuned New Series Colts offer better quality trigger pulls and superior action smoothness than Old Series Colts (model for model) tuned by their own Custom Shop back in “the day”! The New Series Colts offer a superior foundation. We have worked within a non-stop mode of R&D since 1989 and we simply offer superior engineering and technology compared to the tuners of yesterday. **HEFFRON PRECISION©** offers The Best of the Best!



Your firearm mechanism will be luxuriously smooth and will meet the following trigger performance specs once completed:

| MODEL                 | SINGLE-ACTION LBS | DOUBLE-ACTION LBS |
|-----------------------|-------------------|-------------------|
| Cobra 38 Spl          | 2.75 – 3.00       | 8.25              |
| King Cobra, Viper 357 | 2.75 – 3.00       | 8.50              |
| King Cobra TGT 357    | 2.50 – 2.75       | 8.50              |
| King Cobra TGT 22 LR  | 2.50 – 2.75       | 9.00              |
| Python, Grizzly 357   | 2.25 – 2.50       | 8.50              |
| Anaconda, Kodiak      | 2.25 – 2.50       | 8.25              |

Please note: The **MASTER SERIES**© requires approximately 6 to 7 shop-hours to properly execute. Prototypes were required to pass a 120,000-cycle dry fire durability test.

**MASTER SERIES© PRICE LIST**

- ~**COBRA 38 SPL, KING COBRA 357, VIPER 357, KING COBRA TARGET 357 and 22 LR CALIBERS: \$325**
- ~**PYTHON & GRIZZLY 357 MAGNUM: \$375**
- ~**ANACONDA & KODIAK: \$385**

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**LEVEL 2B: DISTINGUISHED SERIES TRIGGER & MECHANISM TUNE©-
SPECIAL PURPOSE – COMPETITION - TARGET SHOOTING:** (New Series Python & Grizzly Only): This Custom Performance Service improves the single-action and double-action trigger pulls along with overall action smoothness and performance. This Custom Service is on the same level as the **MASTER SERIES**©, but there are some differences due to the competition intent of this service. If you are wanting:

- >A High End Revolver for 38 Special only target shooting/competition.
- >A High End Target Revolver with a light single-action trigger pull (a given), but also a much lighter than typical double-action trigger that can be comfortably used during the timed/rapid-fire stage of Precision Revolver Competitions.
- >These are among the very best target revolvers in the world at any price.
- >**NOTE:** Our **DISTINGUISHED SERIES**© Revolvers will not reliably ignite Magnum primers and they should not be used for defensive purposes.

The New Series Pythons shoot 38 Specials with extreme accuracy!

If this fits what you’re looking for, you are at the right place! The **DISTINGUISHED SERIES**© has all of the same work done as the **MASTER SERIES**© with the following exceptions:

- >All springs within the mechanism have been calibrated to provide a much lighter double-action trigger pull (than our Magnum-firing Pythons) while maintaining reliable ignition with 38 Special loads using standard primers.
- >When compared to the **MASTER SERIES**©, there are 2 additional part geometry alterations that allow more of the hammer’s energy to effectively reach the primer. This is needed due to decreased spring tensions.

Like the **MASTER SERIES**®, the double-action firing experience has a “perpetual” type of feel to it and the single-action pull is crisp. Colt’s Custom Shop offered (many years ago) an “Ultimate Action Tune” for the Old Series Python with a very smooth action and similar trigger pull weights. When experienced as a whole, a New Series Python with our **DISTINGUISHED SERIES**® tuning offers superior feel and superior performance when compared to the Old Series tune!

A gentleman earned his DISTINGUISHED REVOLVER CERTIFICATION using his New Series Colt Python. It was tuned by us, with this specific service (in addition to the **BLUEPRINTED ACCURACY TUNING**® service). He is one very proud shooter and we’re VERY happy for him! Colt’s New Series Double-Action Revolvers offer the ideal foundation toward perfection!

Your Python’s mechanism will be luxuriously smooth and will meet the following trigger performance specs once completed:

MODEL	SINGLE-ACTION LBS	DOUBLE-ACTION LBS
Python 357	Greater than 2.50 – Less than 2.75	7.25

Please Note: The **DISTINGUISHED SERIES**® requires approximately 8 shop-hours to properly execute. Prototypes were required to pass a 120,000-cycle dry fire durability test.

DISTINGUISHED SERIES TRIGGER & MECHANISM TUNE®: PRICING

~FOR THE NEW SERIES COLT PYTHON & KODIAK: \$425

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**LEVEL 3: SIGNATURE SERIES ULTRA-TUNE®:** (New Series Python and Anaconda) This Custom Performance Service focuses on TUNING/REFINING the entire revolver mechanism and trigger system plus executing key ACCURACY ENHANCEMENTS. The **HEFFRON SIGNATURE SERIES**® is more advanced and more labor intensive than any tuning we have ever offered. It has been designed, engineered, prototyped, endurance tested, and proven. This is all about elevating the New Series (2017 and later) Colt Double-Action Revolvers to the highest possible level of performance.

Here is (mostly) what’s involved: Part interactions have been formed to generate more part to part “rolling” as opposed to “sliding”, which reduces friction. The level of finish applied to the parts is unrivalled. Friction is incredibly low while each part interacts perfectly with its neighboring part. Our design, refinement, and parts finish combine to literally *reduce* wear, therefore longevity is increased. Additionally, key friction points within the mechanism have received an exclusive hardening treatment that increases surface hardness by a solid 15%. This further decreases friction and wear. Every prototype of every model was subjected to 150,000 action cycles with the appreciable wear being zero. These revolvers feature the best triggers, the smoothest actions, and the most luxurious “feel” we have ever offered, which means they’re the best you can acquire in the world. While this service is not inexpensive, the (approximately) 15 shop-hours invested does produce a World Class Super-Revolver. Our methods, research, dedication, and execution are admittedly “over the top”, but so is a Lamborghini; and if you want one, you want one!

The number of these we “build” will be limited in number every year due to the amount of shop time involved. Depending on model and caliber, the double-action trigger pull will vary from 8.00 – 8.25 lbs and will be precisely calibrated for the specified model. In addition, the double-action pull is buttery-smooth with no evidence of machine marks, roughness, or hitches anywhere throughout the

cycle; it's utterly slick from start to finish. We will adjust the "crisp as a glass rod breaking" single-action trigger to any weight you desire down to 2.00-2.25 lbs. The trigger return/reset is so silky-smooth you'll wonder if it's even the same gun! Overall, the entire revolver mechanism exhibits silky operation and perfection of refinement. This is an entirely new level of revolver mechanism tuning backed with decades of research and experience. Your revolver will be capable of igniting any pistol primer reliably. This example of a revolver maker's art owes a great deal to us, but this improved series was conceived by Colt. They did a superlative job indeed!

In addition to the numerous action and trigger refinements, steps are taken to improve accuracy. Remember that accuracy = group size and that group size = accuracy. The New Series Colts are already incredibly accurate and **HEFFRON PRECISION**© even takes that to a new level! We re-crown the barrel using our proven **AccuCrown**© Precision Crowning System that maintains the crown's center and depth within + or - .0001". This is multiples better than even the finest target rifles. It takes a solid hour for us to crown a barrel using this system. NO manufacturer can afford to spend an hour on a barrel crown! Crowns are of enormous importance because they leave THE lasting impression on the bullet's release. Additionally, we inspect the revolver in numerous areas to ensure freedom from any accuracy-robbing issues. If we find any issues, we will let you know what the issues are and what it will take to correct them (this step is essentially our **BLUEPRINTED ACCURACY TUNING**©). We take steps to improve the cylinder lockup tolerances which improves accuracy and longevity. It's doubtful that your Colt will ever need service regardless of round count.

Where our other tuning services involve parts preparation by our highly skilled staff while I execute the final parts fitment and assembly, with the **HEFFRON SIGNATURE SERIES**© revolvers, I alone tune the revolver from start to finish. Your finished New Series Colt Double-Action Revolver will be a World Class Revolver in every way. In comparison, It doesn't matter if the other revolver is a Manurhin, a Korth, a Spohr, or a vintage Colt Custom Shop Python, your New Series Colt Snake Gun with the **HEFFRON SIGNATURE SERIES ULTRA-TUNE**© will offer a mechanism with superior smoothness, superior trigger action, superior lockup, and superior accuracy potential. You can count on the best here!

Your revolver's trigger performance will meet the following specifications upon completion. All mechanism function will be glass smooth free from artifacts.

| MODEL               | SINGLE-ACTION LBS | DOUBLE-ACTION LBS |
|---------------------|-------------------|-------------------|
| Python, Grizzly 357 | 2.00 - 2.25       | 8.25 - 8.50       |
| Anaconda, Kodiak    | 2.00 - 2.25       | 8.00 - 8.25       |

Please Note: The **HEFFRON SIGNATURE SERIES**© requires approximately 15 shop-hours to properly execute. Prototypes were required to pass a 150,000-cycle dry fire durability test.

**SIGNATURE SERIES ULTRA-TUNE©: PRICE LIST**

**COLT PYTHON & GRIZZLY:** **\$685**

**COLT ANACONDA & KODIAK:** **\$695**

*\*When returned, your revolver will have the order number, month and year code, and a designating "HSS" all stamped onto the grip frame (under the grip). I also sign the grip frame with an engraving pen (under the grip). You will receive a certificate indicating the work performed on your treasured Colt. This is for 2017 and later New Series Colt double-action revolvers only.*

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REPAIR SERVICE and MISC CUSTOM WORK: \$65 Per Shop Hour Plus Parts

– Due to the sheer number of these we have tuned, it is highly unlikely that you'll find anyone who can equal the experience we've acquired with the New Series Colt Double-Action Revolvers. We also maintain a full inventory of parts. We possess a thorough understanding of their mechanics and structure so all repairs can be properly executed.

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**Check out our BLUEPRINTED ACCURACY TUNING© and MISCELLANEOUS GUNSMITHING SERVICES on the FIREARM SERVICES page!! GET MORE PERFORMANCE FOR YOUR MONEY!**  
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SOME NOTES ABOUT DOUBLE-ACTION TRIGGER PULL WEIGHT: With all of our services, when reading about the various double-action pull weights on the triggers, the variations are due to mainspring strength and it's relationship to caliber. Mainspring power heavily influences hammer impact AND the double-action trigger pull. Centerfire Magnum calibers require greater hammer impact than non-magnum centerfire calibers (when Magnum primers are used). Rimfire calibers require the greatest hammer impact of them all. This is all reflected in the published double-action trigger pull weights.

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~Heffron Precision©....Since 1989~
Some Notes About Our Colt New Series Tuning

No project during our history has received the degree of research, engineering, and prototyping that our New Series Colt tuning has. The New Series Colt Double-Action Revolvers are made to the tightest tolerances of any American double-action revolver. Design changes were made to enhance strength and accuracy over the long haul. The new metallurgy is incredibly strong, surpassing the tensile strength of competing products by as much as 70%. They consistently demonstrate this. Colt has made several hundred thousand New Series guns and we've performance tuned several thousand of them across all models and across the range of serial numbers. The tolerances have remained entirely uniform. They truly do offer a level of quality that stands out.

Our Component Part Trigger Job©, Master Series©, Distinguished Series©, and Signature Series© tuning services are executed with the same level of tolerances with additional hand fitting and finishing so each revolver is a successful collaboration of art and science. The New Series Python and Anaconda revolvers tuned here with any of our complete action and trigger tuning services combined with our BLUEPRINTED ACCURACY TUNING© will surpass the performance offered by the European "Super Revolvers" at a fraction of the price. The Small Frame Series (Cobra, King Cobra, Viper) offer unequalled strength in their size class and when fully tuned set the example for what's possible in a small frame double-action revolver.

Despite the levels of performance we have achieved with this lineup, the research continues...

Due to our dedication to continuous improvement, techniques and/or specifications are subject to change without notice.