

the home gunsmith

the home gunsmith plays a crucial role in the maintenance, customization, and repair of firearms within a domestic setting. This profession, which combines mechanical skill, attention to detail, and a deep understanding of firearms, has grown in popularity among firearm enthusiasts and hunters alike. Home gunsmithing offers the ability to personalize firearms, ensure optimal performance, and extend the lifespan of valuable weapons. Whether it involves routine cleaning, intricate modifications, or comprehensive repairs, the home gunsmith must possess both knowledge and precision. This article explores the essential skills, tools, legal considerations, and best practices associated with home gunsmithing. Additionally, it highlights safety protocols and common projects undertaken by those who prefer to work on their firearms at home. The following sections provide a structured overview of everything relevant to the home gunsmith.

- Essential Skills for the Home Gunsmith
- Tools and Equipment Needed
- Legal Considerations and Compliance
- Common Home Gunsmithing Projects
- Safety Protocols and Best Practices
- Resources for Learning and Improvement

Essential Skills for the Home Gunsmith

Becoming a proficient home gunsmith requires a combination of technical knowledge, mechanical aptitude, and meticulous attention to detail. Understanding the internal mechanisms of various firearms is fundamental, as is the ability to diagnose and address common issues. The home gunsmith must be familiar with the anatomy of guns, including components such as barrels, firing pins, triggers, and magazines.

Mechanical Aptitude and Precision

Mechanical skills are vital since gunsmithing often involves disassembling and reassembling complex parts. Precision tools must be handled carefully to avoid damaging delicate components. The home gunsmith should develop steady hand coordination to perform tasks such as fitting new parts or adjusting trigger mechanisms accurately.

Knowledge of Firearm Types and Functions

Different firearms operate under distinct principles, including bolt-action rifles, semi-automatic pistols, and shotguns. Understanding these differences aids in effective maintenance and repair. A home gunsmith must also be aware of caliber specifications, ammunition types, and the unique requirements of each firearm model.

Problem-Solving and Diagnostic Skills

Identifying the cause of malfunctions or wear requires analytical thinking. The home gunsmith should be able to troubleshoot issues like misfires, jams, or accuracy problems by examining various factors such as barrel condition, firing mechanisms, and ammunition compatibility.

Tools and Equipment Needed

Successful home gunsmithing depends heavily on possessing the right tools and maintaining a well-organized workspace. The selection of tools varies depending on the complexity of tasks, but some essentials are universal among home gunsmiths.

Basic Tool Kit

A comprehensive basic toolkit for the home gunsmith typically includes:

- Set of screwdrivers with various sizes and tips
- Pin punches and hammers
- Bore brushes and cleaning rods
- Gun vise or workbench clamps
- Calipers for precise measurements
- Files and polishing tools
- Magnifying lenses or optics

Advanced Equipment

For more specialized modifications or repairs, advanced equipment might be necessary. These can include:

- Barrel reamers and chambering tools
- Trigger pull gauges
- Ultrasonic cleaning machines
- Metalworking lathes and mills
- Heat treatment ovens

Workspace Setup

An organized and well-lit workspace enhances efficiency and safety. Adequate storage for parts and tools, along with proper ventilation, is recommended for any home gunsmithing environment.

Legal Considerations and Compliance

Home gunsmithing is subject to various federal, state, and local laws that regulate firearm modification and repair. Compliance with these laws is essential to avoid legal repercussions.

Federal Regulations

In the United States, the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) governs firearms-related activities. The home gunsmith must be aware of regulations regarding:

- Prohibited modifications, such as converting firearms to fully automatic
- Manufacturing firearms without proper licensing
- Serial number alterations or removal
- Legal requirements for homemade firearms (often called “ghost guns”)

State and Local Laws

State and local jurisdictions may impose additional restrictions or requirements. It is critical for the home gunsmith to research and comply with all relevant regulations applicable to their location.

Record-Keeping and Documentation

Maintaining detailed records of repairs, modifications, and parts used can be beneficial. Not only does this aid in future maintenance, but it also demonstrates responsible ownership and compliance if inspected by authorities.

Common Home Gunsmithing Projects

Many firearm owners engage in home gunsmithing to perform routine maintenance or enhance their weapons' performance. Common projects range from simple cleaning to complex customizations.

Routine Maintenance and Cleaning

Regular cleaning is the foundation of firearm care. The home gunsmith typically removes carbon buildup, lubricates moving parts, and inspects the gun for wear or damage.

Trigger Adjustments and Upgrades

Improving trigger pull weight and smoothness is a popular modification to enhance shooting accuracy. This project requires careful disassembly and precise adjustments to internal components.

Barrel Replacement and Customization

Replacing a worn or damaged barrel or installing a custom barrel can affect accuracy and firearm balance. This task demands specialized tools and knowledge to ensure proper fit and alignment.

Sights and Optics Installation

Installing or upgrading sights, scopes, or other aiming devices is common among home gunsmiths. Proper mounting and zeroing are essential for reliable performance.

Stock Modification and Fitting

Customizing the firearm's stock for improved ergonomics or aesthetics involves woodworking or synthetic material work. This enhances comfort and shooting experience.

Safety Protocols and Best Practices

Safety is paramount in all gunsmithing activities. The home gunsmith must adhere to strict protocols to prevent accidents and ensure the integrity of the firearm.

Handling and Storage Safety

Always ensure the firearm is unloaded before beginning any work. Proper storage of ammunition separately from the firearm during maintenance reduces risk.

Personal Protective Equipment

Using eye protection, gloves, and hearing protection when necessary protects against debris, chemicals, and noise hazards.

Tool Use and Maintenance

Using the correct tool for each task and keeping tools in good condition prevents damage to firearms and injury to the gunsmith.

Workspace Safety

A clean, organized workspace minimizes the risk of accidents. Adequate lighting and ventilation are important, especially when working with solvents or heat.

Resources for Learning and Improvement

Continuous education is essential for the home gunsmith to stay current with techniques, tools, and legal changes. Numerous resources support skill development and knowledge expansion.

Books and Manuals

Comprehensive gunsmithing books cover detailed procedures and best practices. Manufacturer manuals provide model-specific information crucial for repairs and modifications.

Online Forums and Communities

Participating in firearms enthusiast forums and online groups allows the home gunsmith to exchange tips, troubleshoot issues, and gain insights from experienced professionals.

Workshops and Courses

Formal training through workshops, community college courses, or certified gunsmithing schools enhances practical skills and theoretical understanding.

Manufacturer Support

Contacting firearm manufacturers for technical support or replacement parts ensures authenticity and proper guidance for repairs.

Frequently Asked Questions

What is 'The Home Gunsmith' and who created it?

'The Home Gunsmith' is a popular video series created by Robert W. Wood that demonstrates how to build firearms and gun parts at home using basic tools and materials.

Is it legal to follow the instructions from 'The Home Gunsmith' videos?

Legality varies by country and state. In the U.S., making firearms for personal use is legal under federal law but must comply with local regulations. It's important to research and follow all applicable laws before attempting any builds.

What types of firearms can be made following 'The Home Gunsmith' tutorials?

The series often focuses on DIY pistols, revolvers, and sometimes rifles, typically single-shot designs made from readily available materials.

What skills and tools are needed to build guns using 'The Home Gunsmith' methods?

Basic metalworking skills, knowledge of firearms mechanics, and tools like a drill press, files, and a lathe are commonly required to successfully follow the tutorials.

Are there safety concerns when attempting projects from 'The Home Gunsmith'?

Yes, working with firearms is inherently dangerous. Proper safety precautions, understanding of gun mechanics, and use of protective gear are essential to prevent accidents.

Additional Resources

1. *The Complete Modern Blackpowder Gunsmith: A Guide to the Repair and Restoration of Antique Firearms*

This comprehensive guide covers the repair, restoration, and maintenance of blackpowder firearms. It is ideal for home gunsmiths interested in historical weapons, providing detailed instructions and illustrations. Readers will find valuable tips on troubleshooting common issues and safely handling antique guns.

2. *Gunsmithing Made Easy: A Beginner's Guide to Home Gunsmithing*

Perfect for those new to gunsmithing, this book breaks down the basics of firearm repair and customization. It offers step-by-step instructions with clear photographs to help hobbyists safely and effectively work on their guns. The book also covers essential tools and safety practices for home gunsmiths.

3. *Advanced Gunsmithing Techniques*

Designed for experienced gunsmiths, this book delves into complex repair and modification projects. It explores machining, metalworking, and precision fitting, helping readers enhance their craftsmanship. The book includes case studies and expert tips for tackling challenging gunsmithing tasks at home.

4. *Practical Gunsmithing: A Guide for Firearm Repair and Customization*

This practical manual focuses on everyday gunsmithing tasks such as barrel fitting, trigger work, and stock refinishing. It is highly accessible, making it suitable for home gunsmiths looking to improve their skills. Detailed diagrams and troubleshooting advice make it a valuable reference in the workshop.

5. *Home Gunsmithing: How to Build and Customize Your Firearms*

This title empowers readers to build and personalize firearms from start to finish. Covering everything from assembling parts to fine-tuning performance, it encourages creativity and technical precision. The book also discusses legal considerations and safety measures relevant to home gunsmithing.

6. *The Gunsmith's Guide to Firearms Assembly and Disassembly*

A vital resource for understanding the inner workings of firearms, this book provides clear instructions on taking guns apart and putting them back together. It highlights the importance of proper techniques to avoid damage and ensure reliability. Home gunsmiths will benefit from its detailed exploded diagrams and maintenance tips.

7. *DIY Gunsmithing: Tools, Techniques, and Tips for the Home Workshop*

Focusing on the home workshop setup, this book guides readers through selecting and using essential gunsmithing tools. It covers fundamental techniques such as metal shaping, polishing, and fitting parts. The author shares practical advice to help hobbyists create a safe and efficient workspace.

8. *The Art of Barrel Making and Rifling*

This specialized book explores the intricate craft of barrel making and rifling, vital skills for advanced gunsmiths. It explains the processes involved in producing accurate and durable barrels at home. Readers will learn about the tools, materials, and precision required to master this challenging aspect of gunsmithing.

9. *Vintage Firearms Restoration: Techniques for Home Gunsmiths*

Focused on restoring classic and collectible firearms, this book offers detailed guidance on cleaning, repairing, and refinishing vintage guns. It emphasizes preserving historical value while ensuring functionality and safety. Home gunsmiths interested in antiques will find this a valuable addition to their library.

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The Home Gunsmith: A Comprehensive Guide to Safe and Legal Gunsmithing at Home

This ebook delves into the world of home gunsmithing, exploring its legal aspects, safety precautions, essential tools, common repairs and modifications, and the ethical considerations involved in maintaining and customizing firearms. It aims to provide both novice and experienced enthusiasts with a thorough understanding of this increasingly popular hobby, emphasizing responsible gun ownership and adherence to all applicable laws.

Ebook Title: The Home Gunsmith: A Practical Guide to Safe and Legal Firearm Maintenance and Modification

Contents:

Introduction: Defining Home Gunsmithing, its Benefits, and Associated Risks.

Chapter 1: Legal Framework and Safety Protocols: Understanding Federal, State, and Local Gun Laws; Safe Gun Handling Practices; Workshop Setup and Safety Equipment.

Chapter 2: Essential Tools and Equipment: A Comprehensive Inventory of Necessary Tools, from Basic Hand Tools to Specialized Gunsmithing Equipment; Tool Maintenance and Care.

Chapter 3: Disassembly, Cleaning, and Lubrication: Step-by-Step Guides for Disassembling, Cleaning, and Lubricating Various Firearm Types; Identifying Common Problems During Inspection.

Chapter 4: Basic Repairs and Maintenance: Addressing Common Issues such as Trigger Adjustments, Sight Alignment, and Minor Component Replacements; Troubleshooting Techniques.

Chapter 5: Advanced Gunsmithing Techniques (Optional): Exploring More Advanced Procedures, such as Stock Refinishing, Barrel Installation, and Action Tuning (with strong cautions and disclaimers).

Chapter 6: Ethics and Responsibility: Understanding the Ethical Considerations of Home Gunsmithing; Avoiding Illegal Modifications; Responsible Disposal of Gun Parts.

Chapter 7: Resources and Further Learning: Listing Reputable Sources for Parts, Tools, and Information; Online Forums and Communities; Safety Courses and Certifications.

Conclusion: Recap of Key Safety Points and Ethical Guidelines; Encouragement for Continued Learning and Safe Gun Handling.

Detailed Outline Explanation:

Introduction: This section establishes the context of home gunsmithing, explaining its appeal while highlighting potential dangers and the importance of legal compliance. It sets the tone for the entire book.

Chapter 1: Legal Framework and Safety Protocols: This chapter is crucial, emphasizing the legal ramifications of improper gun handling and modifications. It covers federal and state laws, providing readers with the necessary legal foundation for safe and legal practices. Detailed safety procedures and workshop setup are also discussed.

Chapter 2: Essential Tools and Equipment: This chapter provides a comprehensive list of tools required for various gunsmithing tasks, from basic screwdrivers to specialized gunsmithing tools. It also covers proper tool maintenance to ensure accuracy and safety.

Chapter 3: Disassembly, Cleaning, and Lubrication: This chapter provides detailed, step-by-step instructions for disassembling, cleaning, and lubricating common firearm types. It emphasizes proper techniques to avoid damage and ensure safe reassembly.

Chapter 4: Basic Repairs and Maintenance: This chapter focuses on common repairs like sight adjustments and trigger work, offering practical guidance and troubleshooting tips. It's designed for those seeking to perform routine maintenance and minor repairs.

Chapter 5: Advanced Gunsmithing Techniques (Optional): This chapter explores more complex procedures like barrel installation and action tuning, but with strong disclaimers about the risks involved and the need for extensive experience and specialized knowledge. This section should heavily emphasize caution and direct readers towards professional gunsmiths for such tasks.

Chapter 6: Ethics and Responsibility: This chapter stresses the ethical responsibilities of a home gunsmith, including the importance of avoiding illegal modifications and responsible disposal of firearm parts. It emphasizes the role of a gunsmith in maintaining the safety and integrity of firearms.

Chapter 7: Resources and Further Learning: This section provides readers with links and resources for finding parts, tools, and further information. It encourages ongoing education and participation in relevant communities.

Conclusion: This section reiterates the importance of safety and ethical practices, summarizing key points and encouraging responsible gun ownership.

(SEO Optimized Content - Note: Due to length constraints, this is a significantly shortened example. A full 1500-word ebook would require expansion of each section with detailed explanations, visuals, and more comprehensive examples.)

Chapter 1: Legal Framework and Safety Protocols

Understanding Gun Laws: Before even thinking about touching a firearm, you must understand the intricate web of federal, state, and local laws governing gun ownership and modification. Research your specific location's laws meticulously. The Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) website is a good starting point for federal regulations. State and local ordinances can add layers of complexity, so thoroughly investigate your area's specific rules before starting any gunsmithing project. Ignoring these laws can result in severe penalties, including hefty fines and imprisonment. Recent legal changes emphasize the importance of staying informed. (Keyword: Gun Laws, ATF, Federal Firearms Regulations, State Gun Laws)

Safe Gun Handling: The cardinal rule of gun safety is to always treat every firearm as if it were loaded. This means keeping your finger off the trigger until you are ready to shoot and always ensuring the gun is pointed in a safe direction. Proper storage is also crucial. Unloaded firearms should be stored separately from ammunition, ideally in a locked gun safe. (Keywords: Gun Safety, Firearm Safety Rules, Safe Gun Storage, Responsible Gun Ownership)

Workshop Setup and Safety Equipment: Your workspace should be well-lit, organized, and free from distractions. Invest in proper safety equipment, including eye protection, hearing protection, and a well-ventilated area. A magnetic parts tray is invaluable for preventing small parts from getting lost. Consider using a gun vise to securely hold firearms during disassembly and repair. (Keywords: Gunsmithing Workshop, Safety Equipment, Gunsmithing Tools, Gun Vise)

Chapter 2: Essential Tools and Equipment (Continued in full ebook)

(This section would continue with detailed descriptions of various tools, including images and specifications. Keywords: Gunsmithing Tools, Gun Cleaning Kit, Screwdrivers, Wrenches, Punches, Hammer, Gun Vise, etc.)

Chapter 3: Disassembly, Cleaning, and Lubrication (Continued

in full ebook)

(This section would include step-by-step instructions with images for disassembling and cleaning various firearm types. Keywords: Gun Cleaning, Disassembly, Lubrication, Firearm Maintenance, Specific Firearm Models (e.g., AR-15, Glock, 1911))

Chapter 4: Basic Repairs and Maintenance (Continued in full ebook)

(This section would expand on basic repairs like sight adjustment, trigger work, and spring replacement, with clear instructions and safety warnings. Keywords: Trigger Adjustment, Sight Alignment, Spring Replacement, Minor Gun Repairs)

(The remaining chapters would follow a similar structure, expanding on the outlined topics.)

FAQs

1. Is home gunsmithing legal? Legality depends on your location and the specific modifications performed. Check local, state, and federal laws.
2. What tools do I need to start? Basic hand tools, a gun cleaning kit, and potentially a gun vise are essential.
3. How do I safely clean a firearm? Always treat the firearm as loaded, follow step-by-step instructions, and wear safety glasses.
4. Can I perform any repair myself? Start with simple maintenance and repairs. Consult a professional for complex modifications.
5. Where can I find parts and tools? Online retailers, gun shops, and specialized gunsmithing suppliers offer parts and tools.
6. What are the ethical considerations? Always prioritize safety and legality. Avoid illegal modifications or unsafe practices.
7. What if I make a mistake? Consult a professional gunsmith to correct any errors. Never attempt to repair beyond your skill level.
8. Are there any online resources? Several online forums and communities offer advice and support.
9. What kind of training is recommended? Consider taking a gun safety course and/or attending gunsmithing workshops.

Related Articles:

1. Gun Safety for Beginners: A comprehensive guide to safe gun handling and storage.
2. Choosing the Right Gun Cleaning Kit: A detailed review of various gun cleaning kits available in the market.
3. Understanding Gun Lubricants: A guide to selecting the correct lubricant for your firearms.
4. Basic Gunsmithing Tools: A Buyer's Guide: A detailed guide to choosing the right tools for basic gunsmithing tasks.
5. Common Firearm Malfunctions and Troubleshooting: A guide to diagnosing and resolving common firearm problems.
6. Legal Aspects of Gun Ownership and Modification: An in-depth look at the legal framework governing gun ownership and modifications.
7. Advanced Gunsmithing Techniques: A Professional's Perspective: A discussion on advanced techniques by a professional gunsmith.
8. Building an Effective Gunsmithing Workshop: Advice on setting up a safe and efficient gunsmithing workspace.
9. Responsible Disposal of Firearms and Parts: A guide to safely and legally disposing of unwanted firearms and parts.

(Note: This is a sample and needs further expansion to reach the 1500-word target. Each section should be expanded with relevant details, illustrations, and examples for a comprehensive ebook.)

the home gunsmith: Gunsmithing Made Easy Bryce M. Towsley, 2010-10-06 One of America's foremost experts on gunsmithing, Bryce Towsley here provides the definitive guide for anyone interested in building or maintaining guns. He gives detailed explanations and color illustrations for just about every aspect of gun repair. Featured tutorials include: stock modifications, accuracy enhancement, weather preparation, a total rifle makeover, and much more. Beginning with shop design and maintenance, Towsley builds on the knowledge he provides until ending with directions on rifle building from scratch. For anyone interested in fixing or building guns, Towsley's book is a complete education from A to Z.

the home gunsmith: Expedient Homemade Firearms P.A. Luty, 1998-05-01 The author provides clear, step-by-step instructions for and expedient 9mm submachine gun. It is easily constructed from readily available materials, primarily steel tubing; it does not require a lathe and milling machine and it can be built by just about anyone in about a week. For Academic Study Only

the home gunsmith: Black Powder Hobby Gunsmithing Sam Fadala, Dale Storey, 1994 Keep busy with projects for all levels of competence, from kitchen table through home workshop, all the way to the academic. Step-by-step tutorials on building from kits and a resource directory make the grade.

the home gunsmith: Homemade Ammo Duncan Long, 1995 Almost any handyman with a drill can produce a gun in a few weeks, but the same is not true for ammo. This book provides all the technical know-how you need to manufacture your own rifle, pistol or SMG ammo from scratch. Includes chapters on primers, powders, brass, bullets, cleaning, caching and more.

the home gunsmith: The Complete Guide to Gunsmithing Charles Edward Chapel, 2015-04-28 The Most Comprehensive Gunsmithing Guide of All Time. Written by one of the most prolific firearms experts of all time, The Complete Guide to Gunsmithing is a highly detailed and essential reference for the gun enthusiast and gunsmith alike. At nearly 500 pages, Chapel covers everything from the use of proper tools to how to get a gunsmithing job, and everything in between.

In more than forty chapters of exceptionally clear prose, the book answers every question a collector, soldier, or home defender could have on topics such as: • Drawings and Blueprints • Stock Design • Checkering and Carving • Stock Repairs and Alterations • Etching and Engraving • And many more Not only is the book an incredible resource for gun owners and gunsmiths, it's also a wonderful look at the world of firearms in the first half the twentieth century. Published just over seventy years ago, the book--and revised by the author two decades later—The Complete Guide to Gunsmithing is fascinating look at how the nature of firearms has changed. With a thoughtful introductory note by renowned outdoorsman Dr. Jim Casada and eighty-five meticulous illustrations, this is the definitive edition of an enduring and authoritative classic. Skyhorse Publishing is proud to publish a broad range of books for hunters and firearms enthusiasts. We publish books about shotguns, rifles, handguns, target shooting, gun collecting, self-defense, archery, ammunition, knives, gunsmithing, gun repair, and wilderness survival. We publish books on deer hunting, big game hunting, small game hunting, wing shooting, turkey hunting, deer stands, duck blinds, bowhunting, wing shooting, hunting dogs, and more. While not every title we publish becomes a New York Times bestseller or a national bestseller, we are committed to publishing books on subjects that are sometimes overlooked by other publishers and to authors whose work might not otherwise find a home.

the home gunsmith: The Gun Digest Book of Gunsmithing Tools, and Their Uses John E. Traister, 1980

the home gunsmith: DIY Guns Roy Huntington, Tom McHale, Will Dabbs, MD, 2020-05-21 Do it yourself gunsmithing tips, tricks and ideas for every skill level. □ This version features black & white interior pages □ Want to upgrade the trigger on your polymer pistol? No problem. We'll show you how. How about making your standard pistol shoot 1 groups? A semi-drop-in barrel job will do the job. Here's the best part: You won't even need a pile of expensive tools. On the other hand, if you're looking for an excuse to add to your tool collection, you'll find some recommendations. If you're already an intermediate or advanced home gunsmith, never fear. We've got plenty of valuable tips and tricks in this issue for you too. If you're feeling adventurous, consider making your own 1911 - from scratch! You'll be surprised at what you can accomplish with kits and hand tools. You might have a wall hanger or beater gun that's seen better days or doesn't work at all. Whether yours are revolvers, surplus rifles or shotguns, you'll find stories to help bring old guns back into range or field condition. You're about to gain valuable pro tips on woodworking, metal working, parts fabrication, lathe and mill techniques, and even a bit of welding. Here's a sample of what's inside American Handgunner's DIY Guns special Edition: The Right Stuff - Your Excuse To Buy Pro Tools. Sighting-In - 4 Million Shooters Strong! Installing Novak Sights. Tack Driver! - Fitting A Barrel For 1 Groups. Lever-Action Accuracy - Installing Aperture Sights On Your Classic Rifle. Star Wars Armory - How To Make An Imperial Blaster ... That Shoots. Ghost 1911 - Build Your Own 1911 From Scratch. New Tech, Old Rifle - Installing A Red Dot On A model 92 Lever-Action. Rat Rod - Turn That Beater Revolver Into Functional Bliss. Riot Control - Converting A Winchester Model 12 Into A 1918 Riot Gun. Francophile's Delight - Build The Charleville Musket That Won The Revolution. Bang Never Goes Obsolete - How To Make Your Own Blanks For Rare Calibers. Oh S*&%!!! - Fix That Broken Ramrod. Loc'ed Out? - When To Use (And Not Use) Loctite. Know Your Limitations - How I Destroyed (And Recovered) A Walther PPK/S. Sir, Step Away From The Dremel - You Can Use A Dremel Tool On guns ... Sometimes. Tooling Around - The Gunsmith Tools You Need. That Beater Will Still Hunt! - Resurrecting A Pair Of Wall Hanger Discards. Get A Grip! - The Ultimate In Custom Grips ... Homemade! Triggernometry 101 - Upgrading Your Service Pistol Trigger. Super Cool - How A Custom Gunsmith Makes A .38 Super 1911. Gun Scribe Savvy - Making An Indispensable Shop Tool. Ejector Rod Wrench - A Shop-made Solution You Can Tackle. Now, order this book, get reading, then go hit the shop!

the home gunsmith: Pistolsmithing George C. Nonte, 2010-12 Offers a complete reference for the handgun owner, covers all repairing and rebuilding procedures.

the home gunsmith: Gunsmithing Roy F. Dunlap, 1963 Roy F. Dunlap's classic book on

making and repairing guns is reprinted here as part of Stackpole's Classic Gun Book series. Dunlap shows the skilled gunsmith how to produce professional-quality work in every phase of gunwork; included are instructions on working with metals, chamber and barrel work, and designing and crafting gunstocks. Dunlap's detailed instructions are illustrated with diagrams, drawings, and photographs of a variety of firearms.

the home gunsmith: *Homemade Guns and Homemade Ammo* Ronald B. Brown, 1999 There are lots of books on making guns at home. Follow the instructions, and you'll quickly find you need some very expensive machinery. Not with *Homemade Guns and Homemade Ammo*! You'll learn to make guns-and ammunition-with simple hand tools and everyday materials. *Homemade Guns and Homemade Ammo* uses step-by-step photographs, detailed drawings and plans to show you exactly how to make: A 12-gauge shotgun from pipe A muzzleloader A double-barrel gun A wooden gun All made in your home! The author gives you five gunpowder recipes so simple you'll find them hard to believe-until you try them. Two super-simple recipes for making primer are also included. *Homemade Guns and Homemade Ammo* is the easy-to-use guide that shows the easy way to make guns and ammunition at home. Book jacket.

the home gunsmith: *Gunsmithing Modern Firearms* Bryce M. Towsley, 2019-05-07 One of America's foremost experts on gunsmithing, Bryce Towsley is back again to provide even more projects for anyone interested in building, customizing, fixing, or maintaining firearms. Gunsmith Towsley offers detailed explanations and includes color illustrations for just about every aspect of gun modification, builds, and repair. Featured tutorials include: how to customize a GLOCK handgun build a 1911 handgun or an AR-15 rifle from parts how to do spray on gun coatings turning a Mosin-Nagant into a tactical rifle building a precision or hunting rifle from scratch and much more This extensive information is important to anybody interested in firearms care, modification, repair, or improvement. It takes the reader from easy-to-do, "kitchen table" projects through advanced techniques. There is something in these pages for anybody interested in working on firearms, and Towsley's writing style is easy to read and understand and the humor will make you laugh while you learn. "Gunsmithing is a great hobby. It brings satisfaction that few others can achieve. There is the pride in fixing something that is broken and in feeling the artistic achievement when you modify a firearm to make it better."—Bryce M. Towsley

the home gunsmith: *Gunsmithin - Guns of the Old West* David Chicoine, 2004-09-15 The popularity of cowboy action shooting has greatly expanded, and so has this indispensable guide to the guns used in the sport. This updated second edition guides collectors, cowboy action shooters, hobbyists and Old West re-enactors through repairing and improving Old West firearms. New additions include 125 high-resolution diagrams and illustrations, five new handgun models, four new long gun models, and an expanded and illustrated glossary. The book offers expanded coverage of the first edition's featured guns (over 40 original and replica models), as well as updated gunsmithing tips and advice. The step-by-step, detailed illustrations demonstrate to both amateur and advanced gunsmiths how to repair and upgrade Old West firearms. This valuable knowledge is passed along to readers by a working professional with years of experience and a great reputation for quality custom gunsmithing work.

the home gunsmith: *Do-It-Yourself Gun Repair* Edward A. Matunas, 2013-07-01 Diagnose and repair a broad selection of popular hunting firearms in the convenience of your home workshop and save money, too. *Do-It-Yourself Gun Repair* is an authoritative guide to maintaining, repairing, and improving rifles, shotguns, and handguns. Many of the repairs professional gunsmiths make involve replacing broken or worn parts, and you'll learn to identify and correct these common problems quickly, safely, and easily by following the detailed instructions and illustrations of gunsmithing expert Edward A. Matunas. Matunas teaches the home gunsmith a wide variety of repairs with easy-to-understand directions and solid, step-by-step advice based on his many years of professional gunsmithing. Topics include:

- Hand and power tool suggestions for home gunsmithing
- Replacing firing pins, extractors, and ejectors
- Analyzing and correcting accuracy problems
- Top-notch information about bedding the barrel and bore
- Easy installation of scopes, mounts,

sights, and recoil pads • Repair of splits and cracks in stocks • Avoiding common mistakes and time-consuming double work A unique feature of this book is a section covering disassembly, repair, and reassembly of seven of the most popular firearms: Remington 700, Remington 1100, Remington 870, Winchester 94, Savage 110, Marlin 336, and Marlin 70. The instructions are fully illustrated with photos and drawings as well as exploded views and parts lists, and much of this information can be applied to other guns with similar actions.

the home gunsmith: Hobby Gunsmithing Ralph T. Walker, 1972

the home gunsmith: DIY Guns: Recoil Magazine's Guide to Homebuilt Suppressors, 80 Percent Lowers, Rifle Mods and More! , 2021-08-31 Build it Yourself, with Help from RECOIL! There's supreme satisfaction in do-it-yourself firearms projects, and here, in the first book of its kind, the editors from RECOIL Magazine have compiled some of the best information ever published on everything from completing a gun based on an 80 percent lower to building your own suppressor and just about every other type of DIY project you can imagine. Whether you're a seasoned gunsmith or weekend tinkerer, you'll find something here that you can use. Inside this detailed volume: - Explore the world of gun builds, kits and modifications. - Learn how the experts maintain their firearms - Get a primer on making knives and other striking implements - The real science behind constructing homebuilt suppressors Bonus info on gun storage, building a rifle range, constructing target stands on a budget and much more is guaranteed to inspire your inner firearms genius. If you're planning your next firearms project, don't just do it yourself, do it with RECOIL!

the home gunsmith: *Advanced Gunsmithing* W. F. Vickery, 2015-02-10 A historical landmark title on the practice of gunsmithing. Readers say it best: This is the real deal. If you want to be a master gunsmith you need to understand how they did it in the past. Vickery's clear and precise instruction covers gunsmithing essentials and techniques for both the amateur and professional smith. It is a valuable collector's item for any firearm enthusiast. Classic and practical, *Advanced Gunsmithing* is a noteworthy companion to the gunsmith's workbench. Rated 5.0 stars by customers in interested in Hobby books.

the home gunsmith: Custom Gunsmithing for Self-Defense Firearms Steve Sieberts, 2017 Custom gunsmithing...expertly explained!

the home gunsmith: *The Gun Digest Book of Shotgun Gunsmithing* Ralph T. Walker, 1983 One of the nation's premier shotgun specialists explains the principles and practices of repairing, individualizing, and making modern scatter-guns more accurate. Never-before covered information!

the home gunsmith: *Gunsmithing Projects* Shotgun News Staff, 2011-04-26 Instructional articles on how to build a gun from scratch to how to turn an older gun into a sporter gun.

the home gunsmith: *Mr. Single Shot's Gunsmithing Idea Book* Frank De Haas, 1983

the home gunsmith: The Do-it-Yourself Submachine Gun Gerard Metral, 1985-09-01 Build your own 9mm, blowback, selective-fire submachine gun that's as powerful as an Uzi or HK MP5 but has fewer parts and is more durable. Simply follow the step-by-step instructions and machinist's drawings in this book. For academic study only.

the home gunsmith: *Dämoren* Seth Skorkowsky, 2018-04-03 A secret society of monster hunters. A holy revolver forged to eradicate demons. A possessed man with a tragic past. A rising evil bent on destroying them all.--Back cover.

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The AR-15!

the home gunsmith: Come and Take It Cody Wilson, 2017-06-06 Cody Wilson, a self-described crypto-anarchist and rogue thinker, combines the story of the production of the first ever 3D printable gun with a philosophical manifesto that gets to the heart of the twenty-first century debate over the freedom of information and ideas. Reminiscent of *Steal This Book* by Abbie Hoffman, Cody Wilson has written a philosophical guide through the digital revolution. Deflecting interference from the State Department and the Bureau of Alcohol, Tobacco, Firearms and Explosives, the story of Defense Distributed -- where Wilson's employees work against all odds to defend liberty and the right to access arms through the production of 3D printed firearms -- takes us across continents, into dusty warehouses and high rise condominiums, through television studios, to the Texas desert, and beyond.

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the home gunsmith: Chambering Rifle Barrels for Accuracy Fred Zeglin, Gordy Gritters, 2016-04 In Part I, Fred Zeglin gives you an in depth study of what it takes to build an accurate hunting rifle. Fred has been building custom hunting rifles for over thirty years. His clients come from all walks of life and have one thing in common; when they go hunting they don't want to worry about the accuracy of their rifle. In Part II, Gordy Gritters explains the extreme accuracy requirements of a quality benchrest rifle. Gordy has nearly thirty years invested in building precision rifles. He is a competitive shooter as well as a gunsmith. Builder of many high accuracy rifles used by customers across North America to set records and win various rifle competitions including the Varmint Hunter Jamboree, Coyote Hunting National Championship, 1000 yard matches, 600 yard matches, F-Class matches, BR-50, IR 50-50, 100 and 200 yard benchrest matches, sniper matches, NRA service rifle matches, as well as for varmint and big game hunting.

the home gunsmith: The Gunsmith of Greenville County Peter A. Alexander, 2002 The most extensive how-to book on building longrifles ever published. Peter Alexander takes you through every step of building your own longrifle, from shop set-up and tools to engraving, carving and finishing.

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more efficient and profitable.

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the home gunsmith: Clyde Baker's Modern Gunsmithing Clyde Baker, John E. Traister, 1981 A practical guide to stock making, checkering, striking and polishing, engraving, bluing, tempering, adjusting, and restoring firearms features modern techniques

the home gunsmith: Gunsmithing Roy F. Dunlap, 2012 2012 Reprint of 1950 Edition. Full facsimile of the original edition, not reproduced with Optical Recognition Software. Illustrated with over 100 photos and drawings. Roy F. Dunlap's book is self-described as a manual of firearms design, construction, alteration and remodeling for amateur and professional gunsmiths and users of modern firearms. What makes Dunlap's book important is its specificity. For example, instead of merely bringing up the need for a bench grinder, he cites why a 1/4- or 1/3-horsepower, double-shaft model, turning at 1,750 rpm with a wire-brush wheel on one side and a medium-coarse wheel on the other is the best choice. He supports his recommendation by explaining why you'll find wider use for a medium coarse than a finer stone. His chapter entitled *Helpful Gunsmith Knowledge*, is absolutely crammed with bits of information, and includes tips that he evidently could find no other place for in his book. In the midst of a general discussion on disassembly, for instance, Dunlap digresses to describe in detail a L-shaped tool he made to simplify reassembly of an L.C. Smith double and how to use it. All in all, Dunlap covers soldering and brazing; welding; heat treatment of metals; making and fitting sights and accessories; making, fitting and heat treatment of parts; cartridge information useful to gunsmiths; rifle barrels; chamber and barrel work; rifle-action work; pistol and revolver work; shotgun work; twenty two rim fire arms; browning, blueing and blacking of metal; fitting commercial metallic sights; mounting telescopic sights; wood for gun stocks; design of gun stocks; stock making; checkering; stock repair and alteration; stock finishing; styling the custom rifle; custom metal work; ornamentation of wood and metal; target rifles; the Garand rifle; testing facilities and apparatus; synthetic bedding; cartridge and chamber drawings; and data sheets. A classic work, profusely illustrated.

the home gunsmith: Gunsmithing the AR-15 Patrick Sweeney, 2018-07-03 There's never been a better time to take your AR to the next level. The options are many, from building AR-15s for competition, hunting or defense, to the challenges of long-range shooting and more. In this handy project guide, author and master gunsmith Patrick Sweeney gives you the technical details of critical

performance parts, and then takes you step by step through the process to modify your AR for a specific purpose, with more than a dozen projects to help you create the performance AR of your dreams!--Page 4 of cover

the home gunsmith: Firearm Safety Certificate - Manual for California Firearms Dealers and DOJ Certified Instructors California Department of Justice, 2016-12 The growing concern over the number of accidental firearm shootings, especially those involving children, prompted passage of the initial handgun safety law which went into effect in 1994. The stated intent of the California Legislature in enacting the current FSC law is for persons who obtain firearms to have a basic familiarity with those firearms, including, but not limited to, the safe handling and storage of those firearms. The statutory authority for this program is contained in Penal Code sections 26840 and 31610 through 31700. These statutes mandate DOJ to develop, implement and maintain the FSC Program. Pursuant to Penal Code section 26840, a firearms dealer cannot deliver a firearm unless the person receiving the firearm presents a valid FSC, which is obtained by passing a written test on firearm safety. Prior to taking delivery of a firearm from a licensed firearms dealer, the purchaser/recipient must also successfully perform a safe handling demonstration with that firearm..

the home gunsmith: Gunsmithing at Home John E. Traister, 1996 John Traister has revised his highly successful book to give the home gunsmith the very latest techniques as well as his tricks of the trade in repairing handguns, rifles, and shotguns.

the home gunsmith: The Day of the Jackal Frederick Forsyth, 1992 #1 New York Times bestselling author Frederick Forsyth's unforgettable novel of a conspiracy, a killer, and the one man who can stop him... He is known only as The Jackal--a cold, calculating assassin without emotion, or loyalty, or equal. He's just received a contract from an enigmatic employer to eliminate one of the most heavily guarded men in the world--Charles De Gaulle, president of France. It is only a twist of fate that allows the authorities to discover the plot. They know next to nothing--only that the assassin is on the move. To track him, they dispatch their finest detective, Claude Lebel, on a manhunt that will push him to his limit, in a race to stop an assassin's bullet from reaching its target.

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