

DELUXE GUNSMITHING SCREWDRIVER SET

Screwdrivers are the most important and most-used gunsmithing tools. Wheeler's Deluxe Gunsmithing Screwdriver Set is the kit that belongs on every gunsmithing bench - the well thought-out bit selection will put an end to burred, bugged, busted up screw slots on any gun that comes your way. The bits make up the heart of any screwdriver set, and Wheeler's are the finest available. They're made from S2 tool steel and hardened to 56-58 Rockwell "C." Unlike other screwdriver suppliers, Wheeler's engineers measured the screws on over one hundred modern and antique firearms to make sure that we offered bits for every situation. Whether you're working on a Browning Superposed, a Remington 700, a Smith & Wesson revolver, or a Colt Single Action, you'll find that there's a bit to fit every screw on your gun. The 54 Hollow-ground flat bits range in size from .120"x.020" to .360"x.070", and includes doubles in the thinnest sizes. (Any gunsmith will tell you that you're occasionally going to break the ultra-thin bits on stubborn screws. This set includes two each of the very thinnest bits, which means you'll never be stuck in the middle of a job without the proper bit. Replacement bits are available in three packs for a very modest price.) The set also includes a complete selection of Phillips, Allen, and Torx bits to cover scope rings, bases, recoil pads, and the like. The difference in the "basic set" and the "professional set" lies in the 17 ingenious "specialty bits" that are included in the "professional" set. These 17 pieces include all of the bits pictured below. These bits are great for installing scope bases, getting you out of a pinch by providing a small pin punch when you really need it, and keeping once-in-a-while life-saver tools at your fingertips. Both sets come with two handles made from comfortable overmolded plastic. The first is a regular size handle that's good for most jobs, and the second is a slimmer, shorter "Close Quarters" handle that is good for finesse work with smaller bits. Both sets also come in a durable custom box that's ready for the bench or your range kit. Patent pending.



Description.....	Product #	MSRP
Professional Set.....	562-194.....	\$106.40
Basic Set.....	776-737	\$73.92
Upgrade Set.....	748-555	\$44.78

The Professional Set contains: • Hinged storage box • 2 ergonomic handles • 3" shaft extension • Hex to square drive adapter • 54 Flat Bits • 8 Allen Bits • 4 Phillips Bits • 3 Torx Bits • 15 Specialty Bits and Accessory Tools for Colt®, Remington®, Smith & Wesson®, Mauser, Glock®, Garand, Ruger®, and more!

Contains the 15 Specialty Bits, shaft extension, and square to hex adapter found in the Professional Set.



Weaver/Ruger Scope Ring Clamp Bit



Redfield Windage Screw Bit



Leupold Windage Screw Bit



Mauser Stock Bolt Bit



Millet Rear Sight Adjustment Bit



.118" Pin Punch



1911 Grip Screw Bushing Driver



Ruger/Colt SA Base Pin Latch Nut Bit



M1/M14/MIA Rear Sight Bit



.062" Pin Punch



Remington M870/1100/1187 Trigger Plate Pin Punch



2" #2 Phillips



Glock Replacement Front Sight Screw Bit



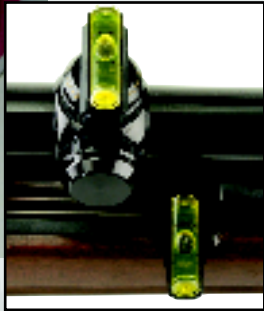
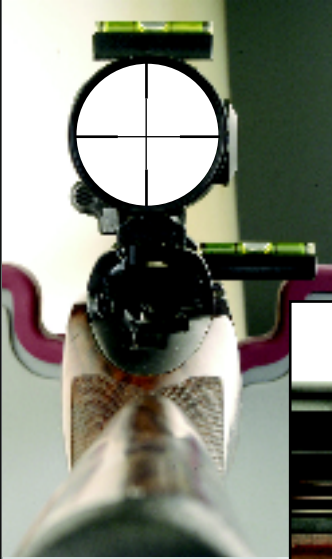
S&W Rebound Spring Compressor Tool

CERAMA-COAT

Wheeler Engineering's Cerama-Coat is a spray-on metal finish that brings new life to old guns without expensive airbrushes or painting equipment. This one-can solution is the toughest metal finish available. This is an ultra-modern formula that contains a ceramic matrix, giving the finish ultimate durability, wear-resistance, and protection against rust and solvents. The matte black color won't spook game and looks great on any gun. Applying Cerama-Coat is easy. Degrease the item to be coated, shake the Cerama-Coat can vigorously and spray the parts with three light coats of finish. Bake the part in an oven at 350 degrees for 30 minutes to cure the finish, and you'll have a finish ready to take the very worst that mother nature can dish out. Each can contains enough to refinish two long guns. Not for use on wood, plastics, or scopes.



Product #	468-993	MSRP \$24.62
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LEVEL-LEVEL-LEVEL

The simplest, most accurate scope leveling system ever devised. Misaligned crosshairs rob you of accurate bullet placement, especially at long range, where it counts. Crooked crosshairs cause your scope adjustments to be unreliable, and even make zeroing your rifle a frustrating and costly experience. The Level-Level-Level works because the scope is leveled to your receiver, not to the top of a scope base. The makers of some scope leveling devices tell you that leveling your scope to the top of the base produces a level scope. Don't believe it! An accurate rifle requires level crosshairs, and the Level-Level-Level gives you the means to level your scope perfectly in only minutes. Level your scope as you mount it on your rifle. The magnetic base in the rifle level bridges the bolt raceway, allowing you to position your rifle perfectly level. Then level the scope, tighten the rings, and the job is done. Works with practically any bolt-action rifle, and is adaptable to other designs. Patent pending.

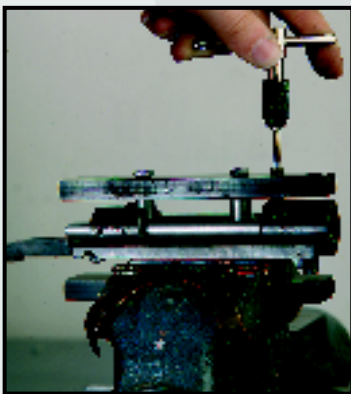
Product # 113-088 MSRP \$22.40

SCOPE RING ALIGNMENT AND LAPPING KIT

Aligning and lapping of new rings should become the standard practice whenever a scope is installed on a quality firearm. The alignment bars in this kit provide for perfect alignment of both rings and will also diagnose any misalignment problem, vertical or horizontal, giving you the opportunity to fix the problem before damaging the scope or experiencing frustration at the range. The lapping bar is used to lap the rings to improve alignment, reduce stress on the scope and improve the grip of the rings on the scope. It also serves as a lever to rotate dovetail rings into place. Lapping the rings can also minimize or prevent ring marring of the scope. Kit includes: Two alignment bars, lapping bar, lapping bar handle, 220 grit lapping compound and complete instructions.



Description	Product #.....	MSRP
Scope Ring Alignment and Lapping Kit - 1" Rings.....	204-061	\$45.01
Scope Ring Alignment and Lapping Kit - 30mm Rings.....	633-266.....	\$51.19
Lapping Compound Kit (1 each 220, 320, and 600 grit compound).....	342-303.....	\$17.91



DRILL AND TAP FIXTURE

Drilling and tapping a surplus military action to accept scope bases has never been easier. This handy, inexpensive fixture kit contains everything you need, except for an electric drill. Simply remove the barrel from the action, install the Drill and Tap Fixture, then drill and tap perfectly spaced and perpendicular holes in the top of the receiver. The only fixture on the market designed for use with an electric hand drill. Kit includes one #31 drill, one #1 bushing, one 6-48 tap and one #3 bushing. Works for Mauser 93, 94, 95, 96, 98, Enfield P-14 & 1917, Springfield 03 & 03-A3, Japanese 38s & 99s. If you prefer to drill and tap 8-40 holes, also order the #28 drill, 8-40 tap and a #4 bushing.

Product # 407-518 MSRP \$69.11

Bushing # ..Fits Drill	Fits Tap.....	Product #	MSRP	
1	# 31	190-864	\$10.92	
3	# 28	6-40 & 6-48	148-395	\$10.92
4 .....	.....	8-40.....	175-641	\$10.92

Tap Thread	Product #.....	MSRP
6-48	563-994	\$16.89
8-40	220-733	\$16.89
Drill Bit.....	Product #.....	MSRP
31	548-455	\$16.40
28	188-453	\$16.40

Wheeler™

Engineering

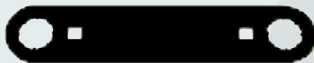
Fine Gunsmithing Supplies

ACTION WRENCHES AND BARREL VISE

Heavy-duty tools to deliver the strength and rigidity required for proper barrel removal and installation. The Action Wrench safely surrounds and supports the receiver ring. The 15" long, 1" diameter steel handle will overcome even the tightest assemblies.



The double-ended Savage Barrel Nut Wrench fits both early and late model nuts on the 110 and 10 series rifles, and features two 1/2" square drive holes for a swing bar or torque wrench. The Barrel Vise provides plenty of holding force to securely clamp your barrel for removal or installation. The Vise includes two pre-drilled oak blocks, 1" and 3/4", and a solid block for custom drilling.



DescriptionProduct #MSRP

Action Wrench #1		
(Mausers with Flat-Bottomed Receivers).....	808-771	.....\$64.88
Action Wrench #2 (Remington 700).....	414-521	.....\$64.88
Savage Barrel Nut Wrench.....	123-038	.....\$27.06
Barrel Vise with 3 Oak Bushings.....	465-185	.....\$64.88
Set of 3 Replacement Oak Bushings.....	844-879	.....\$14.22
Lead Barrel Vise Shims	239-444	.....\$8.40

BOLT FACE LAPPING TOOL

To obtain the utmost in bolt-action rifle accuracy, the bolt face should be perpendicular to the centerline of the action. Because attention is seldom given to the squareness of the bolt face to the centerline of the receiver during manufacture, squaring the bolt face gives us another opportunity to potentially improve the accuracy of the rifle. Before final headspacing, screw it into the receiver threads, apply polishing compound to the face of the mandrel and use a 3/8" electric drill to turn the mandrel and polish the bolt face square to the centerline of the bore. Lapping compound not included, order separately below.



DescriptionProduct #MSRP

Mauser 98 Large Ring.....	214-558	.....\$25.48
Mauser 93, 94, 95, 96 Small Ring.....	548-543	.....\$25.48
Remington 700.....	146-975	.....\$25.48
Savage 110, 112.....	155-509	.....\$25.48
Lapping Compound Kit (1 each 220, 320, and 600 grit compound).....	342-303	.....\$17.91

MAUSER RAIL MILLING FIXTURE

When converting a Large Ring Mauser 98 to one of the Magnum calibers, it is usually necessary to open up the feed rails of the receiver to ensure reliable feeding. This simple fixture clamps easily in a milling vise and securely holds the stripped receiver for convenient milling of the feed rails. Can also be used to hold the receiver for polishing, filing, or other hand work.



Product #	546-636MSRP \$24.84
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HEAD SPACE GAGES

These revolutionary new headspace gages give you plenty of accuracy at an unheard-of price. Use them to establish the proper headspace dimension when rebarreling or rechambering a rifle, and for verifying the headspace in used rifles before they are fired. Precision, hardened alloy steel gages are manufactured to SAAMI specifications to provide you with a feeling of confidence in the safety and performance of your guns. Offered in two sizes based on SAAMI specifications, Minimum and Maximum. Patent pending.



DescriptionMin.....MaxPrice

223 Remington.....	278-799	.....682-657	.....\$16.00
22-250, 250 Savage.....	210-061	.....145-307	.....\$16.00
257 Roberts, 7mm x 57 Mauser; 8mm x 57 Mauser.....	808-987	.....102-745	.....\$16.00
308 Winchester; 243 Winchester; 260 Remington, 7mm-08 Remington, 358 Winchester.....	854-080	.....758-460	.....\$16.00
30-06, 25-06 Remington, 270 Winchester; 35 Whelen.....	106-093	.....790-338	.....\$16.00
Standard Belted Magnum.....	740-693	.....506-576	.....\$16.00

BOLT LUG LAPPING TOOL

For the smoothest operation of a bolt-action rifle, and utmost accuracy, both bolt lugs should be smooth and in full contact with the corresponding lug recesses. In many rifles, this is the exception, rather than the rule. Before final headspacing, thread this tool into the receiver threads, apply lapping compound to the bolt lugs, then open and close the bolt to lap the lugs smooth and into perfect contact with the lug recesses. Lapping compound not included, order separately below.



DescriptionProduct #MSRP

Mauser 98 Large Ring.....	172-500	.....\$26.22
Remington 700.....	166-702	.....\$26.22
Lapping Compound Kit (1 each 220, 320, 600 grit compound).....	342-303	.....\$17.91

RECEIVER SHAPING AND POLISHING FIXTURE

This fixture will hold your Mauser or any other flat-bottomed receiver in place above the jaws of the vise so you can weld, grind, drawfile, or polish easily without bending, crushing, or marring the receiver.



Product #	607-654MSRP \$39.46
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RECEIVER THREAD TAP



Installing a new barrel can be a lot easier if you "chase" the barrel threads in the receiver first.

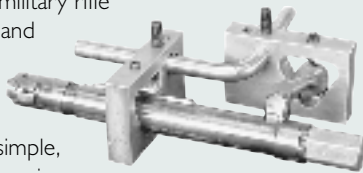
This is especially true on Mauser rifles, because we use a 12 threads per inch, 60-degree tap, which is consistent with most aftermarket Mauser barrels. If you have drilled and tapped with the barrel off, this tap will conveniently remove the burrs in the bottom of the threads.

DescriptionProduct #MSRP

Mauser 98 Large Ring.....	392-792	.....\$65.06
Mauser 93, 94, 95, 96 Small Ring	303-631	.....\$65.06
Remington 700.....	274-113	.....\$65.06
Savage 110, 112	621-516	.....\$65.06

BOLT WELDING FIXTURE AND HEAT SINKS

Welding a new bolt handle on a military rifle has historically been a frustrating and time consuming part of the sporterizing process - especially for the amateur gunsmith. The Wheeler Engineering fixture is a simple, inexpensive way to make this job easier. Simply lock the bolt handle into alignment, then concentrate on welding. A bolt heat sink is a necessity any time you weld or forge the handle on a bolt. The heat sink is a 6" long aluminum rod that threads into the rear of the bolt, in place of the striker assembly during the welding or forging operation. The heat sink conducts heat away from the steel, protecting the locking lugs and cocking cam.



Description	Product #	MSRP
Bolt Welding Fixture.....	872-125	\$34.82
Heat Sink for Mausers.....	667-507	\$20.58

HEAT CONTROL PASTE



Wheeler Heat Control Paste actually blocks the heat that's generated during welding. It's especially useful when welding on new bolt handles. 16 oz jar.

Product #.....628-225MSRP \$11.99

BOLT HANDLE FORGING BLOCKS

Now there's an easier way to get a Mauser's bolt handle to clear a scope. Fixture your bolt in these blocks and heat the stem with an Oxy-acetylene torch. Forge and sweep back as necessary, then file and polish to suit the job. We recommend using Wheeler Heat Control Paste and Heat Sinks (purchased separately) when forging bolt handles.



Product #.....473-720MSRP \$38.15

RECEIVER FACE TRUING MANDREL



One of the important variables in accuracy is the squareness (or relationship) of the face of the receiver to the barrel shoulder.

Factories hold this to typical manufacturing tolerances, which you can almost always improve upon. Installing this tool in the barrel threads (in place of the barrel), then holding it securely in the headstock and tailstock of the lathe allows for a light cut across the face of the receiver that will provide for a perfect mating of the barrel shoulder to the receiver face.

Description	Product #	MSRP
Mauser 98 Large Ring.....	736-059	\$35.78
Mauser 93, 94, 95, 96 Small Ring.....	125-866	\$35.78
Remington 700®.....	601-783	\$35.78

REPLACEMENT BOLT HANDLE

The Wheeler Replacement Bolt Handle is machined from high-nickel alloy bar stock that welds, polishes, and blues easily to match the rest of your gun.



Description.....	Quantity...	Product #.....	MSRP
Replacement Bolt Handle	1	182-970	\$9.98
Replacement Bolt Handle	6	855-383	\$57.98

RECEIVER LUG RACEWAY POLISHING TOOL

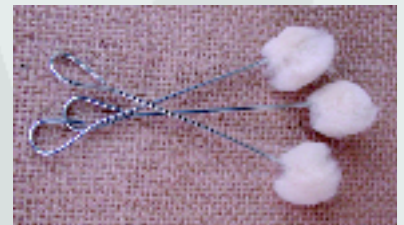


A Receiver Lug Raceway Polishing Tool is the fastest, easiest way to achieve glass-smooth bolt travel. Wrap a piece of fine grit sandpaper around the split end, secure with the set screw, and slide the polishing tool back and forth in the bolt raceway in the receiver to get a glass-smooth feel in your action. It works for most popular bolt action rifles.

Product #.....620-017MSRP \$41.47

SHOP SWABS

Dozens of uses in the shop. Flood cutting oils, lubes, and preservatives onto metal components, patches, or other surfaces. Long-lasting, durable daubers with looped metal shank hold product with no drips. Available in packs of 50 and 100.



Description.....	Quantity...	Product #.....	MSRP
Shop Swabs	50	644-083	\$8.38
Shop Swabs.....	100	356-830	\$14.54

LIQUID APPLICATOR BRUSH



These 100% natural bristle brushes are the perfect tools for application of small amounts of lubes, solvents, Heat Control Paste, blue and rust remover; fluxes, and other liquid products in the shop. Each brush features a 1/2" wide head, bright metal handle, and is 6" in overall length. Available in quantities of 2 and 12.

Description.....	Quantity...	Product #.....	MSRP
Liquid Applicator Brushes.....	2	325-640	\$2.78
Liquid Applicator Brushes	12	836-940	\$4.46

Wheeler™ Engineering Fine Gunsmithing Supplies

PUNCH SETS

Quality crafted Steel and Brass Punch Sets assist the gunsmith in assembly and disassembly of all kinds of firearms. Reduce the chances of marring and burring that can occur with improperly sized or makeshift punches. Both Steel and Brass Sets contain eight precision crafted pin punches in sizes you can use. Steel: 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16". Brass: 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16". The larger non-marring brass punches are particularly useful for drifting sights. Handy roll-up pouch keeps your punches clean and in order. Overall length 4".



Description	Product #	MSRP
Brass.....	780-194.....	\$15.24
Steel	715-055	\$13.56



8 OZ BRASS HAMMER

Perform delicate work without jeopardizing the finish on your prized firearms. Non-marring brass head and a hardwood handle. A must for any gunsmith, from beginner to veteran.

Product #358-496MSRP \$10.70

BASIC GUNSMITHING KIT

Having the proper tools to do a job is the mark of a conscientious workman. Using the right tools saves you time and frustration, plus it reduces the chance of doing damage to your prized firearm. Wheeler Engineering is proud to offer a Basic Gunsmithing Tool Kit to get you started. This kit gives you the basic necessities and allows you to accomplish many beginning tasks without resorting to the use of household tools that weren't intended for the job at hand. These 15 tools or sets were chosen by gunsmiths as the sort of tools we all need. No frills, but no esoteric products that just take up space. The perfect place to start a gunsmithing tool box.



- Space Saver Screwdriver Kit • Nylon/Brass Hammer • Stainless Gunsmith Pick Set
- 8-piece Steel Punch Set • M16 Brush • Dial Calipers • Long Nose Pliers • 6" Hand File, Smooth Cut • India Stone-1/2"x1/2"x6" • Brass Drift • Mini Screwdriver Set • Cleaning Brush • Magnifier • Needle File Set • Surgical Tubing

Product #186-740MSRP \$120.00

HEAVY DUTY VINYL GLOVES

These heavy-duty green vinyl gloves will last through several applications of strong chemicals like rust and blue remover, or any job where skin protection is recommended or required. Keep your hands free of cutting oil, lubes, preservatives, or any product that may cause skin irritation. Available in two sizes, medium and large. (See sizing chart on page 35.)



Description	Product #	MSRP
Medium	188-399	\$5.59
Large.....	590-420	\$5.59

NYLON/BRASS HAMMER



Likely to become your favorite hammer at the bench or on the range. Nylon face is non-marring and is great for alignment and other uses where a steel hammer is not appropriate. Brass face can be used for driving pins and punches, and a multitude of other uses. 11" overall. Weighs 8 oz.

Product #711-016MSRP \$13.25

UNIVERSAL BENCH BLOCK

For firearm assembly and disassembly, the Universal Bench Block is your best friend. It features a variety of notches, grooves, and holes on both sides and is ideally suited for M1911-style pistols. Need to install a pin, detent, or spring? The Universal Bench Block is the answer. 1-5/16" high, 4" in diameter. Non-marring urethane for long use.



Product #672-215MSRP \$17.70

BORE LAPPING KIT

Lap your barrels to make them shoot better and easier to clean. Lapping polishes out the tool marks left in rifle barrels during manufacturing. Traditional hand-lapping is very labor intensive and requires pushing lead slugs down the bore by hand. The Wheeler kit allows you to embed lead or jacketed bullets with abrasive and fire them through your barrel. Lapping is as easy as roll, load, and shoot. Works in everything from old .22 rimfires to neglected hunting rifles. Works to improve all but the very roughest bores. The results in appearance and performance can be surprising. Kit includes three jars of high quality abrasive pastes, two steel embedding plates, and complete instructions.



Description	Product #.....	MSRP
Bore Lapping Kit	299-849	\$26.76
220 Grit Lapping Compound - 1 ounce jar.....	885-040	\$6.74
320 Grit Lapping Compound - 1 ounce jar.....	378-413	\$6.74
600 Grit Lapping Compound - 1 ounce jar.....	395-155	\$6.74
Lapping Compound Kit (1 each 220, 320, and 600 grit compound).....	342-303	\$17.91

PIPETTES™

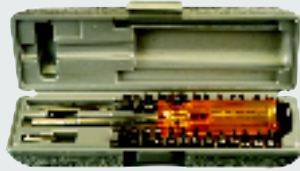
All-plastic, disposable "eye droppers" are just the ticket for measuring and transferring liquid products. Great for cold bluing solutions, cutting oils, solvents, preservatives, etc. Two lengths, 3-1/2" and 6" lengths match the job at hand. Put the product just where you want it. Available in quantities of 2 and 12.



Description.....	Quantity...	Product #.....	MSRP
Pipettes, 3-1/2"	2	698-691	\$2.22
Pipettes, 3-1/2"	12	210-523	\$4.46
Pipettes, 6"	2	500-383	\$2.22
Pipettes, 6"	12	879-889	\$4.46

SPACE SAVER GUNSMITHING SCREWDRIVER SET

Less than half the size of comparable gunsmithing screwdriver sets! The Wheeler Space Saver Gunsmithing Screwdriver Set takes up very little space on your bench, but contains a durable and comprehensive set of 26 bits chosen to meet most of your gunsmithing needs. It's also the perfect size to include on your trips to the range and the field. Included with the standard, Phillips, hex, and torx bits, is a 2" long #2 Phillips bit which is ideal for recoil pad installation, and a hex-to-square conversion bit which allows you to use 1/4" square drive sockets and other attachments. The magnetic handle is perfectly sized for gunsmithing needs, and is also hollow-handled, allowing you to carry a variety of bits should the need arise.



Product #664-507MSRP \$15.66

AR-15 HAMMER DROP BLOCK

Install or rework the trigger or safety on the AR-15 and test your work without fear of damage to either the hammer or the lower receiver. The durable polymer block fits into the magazine well and blocks forward travel of the hammer, allowing dry firing plus observation of the function of the disconnecter.



Product #703-051MSRP \$22.24

STAINLESS STEEL PICKS

You'll wonder how you ever got along without these handy tools.

Useful for a variety of functions including assembly and disassembly of firearms (especially helpful for hooking and unhooking springs), scraping dirt and residue from hard to reach places, scribing lines in both metal and wood, etc. Four separate double-ended tools offer eight distinctly different picks to accommodate your needs.



Product #324-770MSRP \$11.18

LETTER AND NUMBER STAMP SET

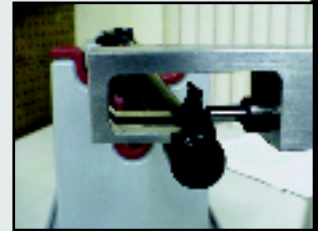
The Wheeler Engineering Letter and Number Stamp Set is especially useful for marking caliber designations on barrels, but you'll find yourself marking tools, keys, and other metal items with these 1/16" high stamps.



Product #194-679MSRP \$59.43

FRONT SIGHT INSTALLATION AND REMOVAL TOOL

This tool is designed for adjusting or removing any ramp-type front sight. It cannot be used to adjust sights that are dovetailed directly into the barrel of any firearm. Ramp-type front sights can be adjusted, installed or completely removed with ease and without fear of a slipped punch or errant hammer strike marring the sight or barrel, or loosening the ramp. The screw action of the tool allows for precise adjustment of the sight by providing constant, even force. The Front Sight Installation and Removal Tool is hand held and easily portable. The thread block is constructed of aluminum for reduced weight. The adjuster and handle are made of steel for durability.



Product #735-470MSRP \$48.98

PREMIER COLD BLUE

If you are like most of us, you've had some bad experiences with cold blues. Most cold blues just don't work all that well. All are compromises and fall short in durability, ease of application, or consistency of color. We teamed up with an international chemical research firm to develop a cold blue that produces hot blue results without the hassle. Our engineers tested over 30 formulas and over 50 processes to find the formula and procedure that was not a compromise. Wheeler Engineering is proud to announce the first hand-applied, home gun blue that really works! It's so good we can recommend it for bluing an entire firearm as well as just touching up worn spots. It produces the look of a hot-blue but with an even tougher, more abrasion resistant finish. The finish is dense, durable and long-lasting. You know it is durable because you actually card or rub down the finish with steel wool between coats. No need for ovens or extended curing times. Simply prepare the metal, apply Premier, rinse with water, dry, card with degreased steel wool, and repeat until the desired color is achieved. Properly applied, Premier never produces after rust. Complete instructions provided.



Product #481-456MSRP \$48.98

MINI SCREWDRIVER SET

The perfect answer to those jobs involving tiny screws in firearm component assemblies like adjustable triggers and sights, even cameras and fishing reels. These six miniature screwdrivers, three flat, three Phillips, can get you out of a bind. Small, convenient-size handles with rotating heads allows finger-tip control without having to lift the screwdriver from the screw.



Product #283-321MSRP \$8.94