

WHEELER ENGINEERING SAVAGE 10/110 BARREL NUT WRENCH SET



Correct Fit & Plenty of Torque for Fast Barrel Swaps

The Savage 10/110 series of rifles is known for three things: (1) being surprisingly accurate (2) being a barrel that's quite easy for the non-gunsmith to swap himself. As a result, these rifles have become quite popular as the foundation for custom target rifles. A 10/110 with a good target barrel can deliver darned tight groups. The barrel may be much easier to change than those of most other bolt rifles, but it still requires a properly configured wrench such as these wrenches from Wheeler Engineering. One wrench is for notched barrel nuts, the other for smooth nuts, and they fit ALL generations of 10/110 and 12 series rifles with both short and long actions. The notched wrench is about 11 3/4" long, and the tension-adjustable smooth wrench is 7.5" long. Both are made of hardened 3/16" thick steel, with a matte black oxide finish, and have 1/2" square drive holes for a breaker bar or torque wrench so you can get the leverage you need to do a proper job.

#100-024-575 Savage 10/110 Barrel Wrench Set, 7A24B57..... \$28.35

BROWNELLS FN SCAR 16S/17S ARMORER'S TOOLS

Essential, Specialized Tools For SCAR Work



Specialized tools equip you to properly perform common work on SCAR 16S and 17S rifles, including barrel changes, bolt maintenance, and trigger installation. Barrel Straightness Gauge ensures proper alignment when reinstalling barrels. Ejector Removal Tool enables easy removal of ejector from bolt body on both 16S and 17S guns. Trigger Module Mounting Axis guides the trigger module properly into the trigger housing for fast, correct trigger installation; works on 16S and 17S SCARs. **SPECS:** Hardened steel, black oxide finish.

- #080-000-978 16S 5.56 Barrel Straightness Gauge, 8K17L80..... \$20.76
- #080-000-979 17S 7.62 Barrel Straightness Gauge, 8K16A00..... 19.99
- #080-000-980 Ejector Removal Tool, 8K16L99..... 19.99
- #080-000-982 Trigger Module Mounting Axis, 8K15A99..... 19.99

NEW! BADGER ORDNANCE REMINGTON 700 ACTION V-BLOCK



THE Helpful Tool You Want When Doing Mill Work on the Receiver

Use this precision-machined steel block when you are using piloted tooling to re-thread the receiver, lap the lugs, open the mounting holes or are doing any type of mill work. Fits both SHORT and LONG action Remington 700s. Made from 4140 carbon steel hardened to Rockwell "C" 60. Manganese phosphate Parkerized. **SPECS:** Aluminum, anodized, matte finish. 8 oz. (227 g). 1 1/8" (4.8 cm) long. 1 3/16" (4.9 cm) wide, 1/8" (7.9 mm) thick. F/S fits factory and Shilen lugs, H fits Holland.

#100-042-747 Remington 700 Action V-Block, 3K00JWB..... \$199.99



BROWNELLS TACTICAL RIFLE FIELD MAINTENANCE PACK



M16/M4 Field Pack

Complete, Dedicated Kits For Field Repair & Maintenance Of Tactical Rifles

These compact, model-specific field maintenance packs provide the soldier or law enforcement personnel with all the tools required to field strip, repair, and maintain tactical rifles while on the move. These are not run-of-the-mill generic tool kits, but carefully selected, high-quality field armorer tools dedicated to specific weapons. Individual pouches and compartments inside the water- and abrasion-resistant Cordura® nylon case keep tools secure and separated to help minimize noise that could jeopardize your mission. Nylon grab handles for easy carry, and quiet #9 YKK zippers with oversize pulls make it fast and easy to get tools in and out. Front panel features clear I.D. card sleeve and loop strip for name tape. **SPECS:** Includes: #81 MAGNA-TIP® hollow screwdriver handle w/ Leupold windage (L/B) and #185-10 bits; 1/16", 1/8" and 1/4" pin punches; 1/2" drive handle; 3/4" nylon/brass hammer; buttstock tool; combination wrench; lower receiver vise block; A1/A2 sight wrench; carrier carbon scraper; Deluxe model buttstock cleaning kit. Approx. 5 lb. (2.3 kg) wt.

M16/M4 FIELD PACK - Allows complete weapon breakdown for routine maintenance and repair, plus includes tools for sight adjustments and field cleaning of the Colt M16/M4. Includes special tools for removal of barrel nut, flash hider and lower receiver extension without damage to any rifle component.

SPECS: Includes: #81 MAGNA-TIP® hollow screwdriver handle w/ Leupold windage (L/B) and #185-10 bits; 1/16", 1/8" and 1/4" pin punches; 1/2" drive handle; 3/4" nylon/brass hammer; buttstock tool; combination wrench; lower receiver vise block; A1/A2 sight wrench; carrier carbon scraper; Deluxe model buttstock cleaning kit. Approx. 5 lb. (2.3 kg) wt.

#080-000-458 M16/M4 Field Pack, 8K268J99..... \$268.99

REMINGTON 700 FIELD PACK - Field tool kit maintains Remington 700 sniper rifles while out on deployment. Includes all special armorer tools, punches, wrenches, screwdriver handle and bit for complete rifle disassembly (except barrel removal), including breakdown of the complete bolt assembly.

SPECS: Includes: Magnetic Law Enforcement MAGNA-TIP® screwdriver handle w/ #185-3 bit, extractor rivet anvil, firing pin tool, bolt brush, rifle bench block, 45 in. torque T-handle, 1/4" square-to-hex drive converter, ball-hex "L" wrench set, bolt ejector tool set, bolt disassembly tool, nylon/brass hammer, 1/8" and 1/16" pin punches, .120" brass alignment/push punch, 12"x24" bench/field mat. Approx. 5 lb. (2.3 kg) wt.

#080-000-457 Rem. 700 Field Pack, 8K392P15..... \$420.99

FOREIGN WEAPONS FIELD PACK - Contains tools for servicing a variety of Soviet-type foreign weapons, including the AK-47/AKM assault rifle, PK/PKM/PKMS 7.62mm machine gun, Dragunov SVD sniper rifle, DShK/DShKM 12.7mm machine gun, and RPG-7 grenade launcher. Lets you field-strip these weapons quickly for cleaning, maintenance, adjustment, and repair without the confusion and down time spent scrounging for the proper tools.

SPECS: Kit includes 7.62 x 39 broken shell extractor, 7.62 x 54R broken shell extractor, 7.62 x 39 Go/No-Go gauges, 7.62 x 54R Go/No-Go gauges, AK-47/SKS front sight tool, No. 10 slot head screwdriver, 6" chain nose pliers, 1" nylon/brass hammer, 4 oz. ballpeen hammer, 6" adjustable crescent wrench, 6" mill file, starter punch set (1/16", 1/8", 1/4" & 3/16"), pin punch set (1/16", 1/8", 1/4" & 3/16"), prick punch, center punch, Delrin® bench block, double-ended nylon gun parts cleaning brush, stainless steel cleaning brush, #3 acid brush, cleaning rod (4 sections with slotted tip), 8-32 to 3/16"-27 rod adapter, Double-Tuff™ phosphor bronze bore brush set (7.62mm, 12.7mm, 18mm & 40mm), 40mm cotton bore mop, and (100) 1 1/2" dia. heavy duty flannel cotton patches, in a heavy duty O.D. green Cordura nylon case. Case is approximately 11" (27.9cm) long, 9 1/2" (24.1cm) high, and 3 1/2" (8.9cm) thick.

#080-000-522 Foreign Weapons Field Maintenance Pack, 8K379N99..... \$379.99



LONGRIFLES AR-15/AR-308/RUGER® RPR BARREL WRENCH



Helps You Quickly Remove/Install a Barrel, Without Risk of Damage

This wrench aids you in fast, reliable, safe removal/installation of an AR-pattern rifle's barrel nut. It eliminates the headaches of sheared-off pins, damaged barrel nuts, failed wrenches, and blood loss from the operator (namely, YOU). The LongRifles wrench provides secure, non-slip 360-degree contact with the barrel nut - no way this wrench is gonna slip off! A pinch bolt gently cinches the wrench head to the barrel nut, eliminating offset loads that lead to slippage and damage to the barrel or its finish. Fits the standard AR-15 barrel nut as well as DPMS LR-308 (and clones) and the Ruger Precision Rifle®. There's a 1/2" drive socket for use with standard torque wrench or breaker bar, and you can use a 3/8" six-sided drive, too. Machined from billet steel - NOT A CASTING, so far less risk of a hidden flaw or void in the metal leading to wrench breakage. Smooth tool contours reduce wear and tear to gun parts and your hands. Tough corrosion-resistant Parkerized finish. This is one beast of a barrel nut wrench! **Brownells Gun Tech™ Tip:** The LongRifles Action Wrench requires a little math to use. Torque wrenches are calibrated to the centerline of the square drive. This tool is offset, so its torque values have to be recalculated to ensure the desired amount is actually applied to the fastener. There are a number of Internet tools to help you do this, including this one: www.cncexpo.com/TorqueAdapter.aspx

#100-025-312 LongRifles Barrel Wrench, 7B90P70..... \$95.99

TANGODOWN FN SCAR ARMORER'S BLOCKS

Protects Critical Components From Damage When Clamping For Maintenance



High-density polymer blocks allow critical subassemblies of the SOF Command Assault Rifle (SCAR) to be tightly clamped in a vise without danger of crushing, twisting, or otherwise distorting them. Provides secure support for safe, effective cleaning, adjustment, maintenance, and repair without marring or scratching the finish. Upper Receiver/Barrel Block surrounds the front sight/gas block to securely hold the upper receiver/barrel module while also protecting the exposed portion of the gas system. Lower Receiver/Trigger Module Block locks into the magazine well and absorbs all the clamping force to protect the SCAR's polymer lower receiver from damage. One end fits the 5.56x45mm SCAR-L; flip the block around and other end fits the 7.62x51mm SCAR-H. Bolt Maintenance Block gives proper support to disassemble the bolt for cleaning or repair. **SPECS:** High-density, injection-molded polymer.

#100-003-431 SCAR Armorer's Block Set, 9B152P93..... \$182.00

#100-003-470 SCAR Upper Rec'r/Barrel Vise Block, only, 9B62L99..... 84.99

#100-003-428 SCAR Lower Rec'r/Trigger Module Block, only, 9B42J56..... 49.19

FIELD PACK CASE - The same, heavy-duty, Cordura field case included with our Weapons Field Maintenance Packs. Made available separately for your additional tactical gear and accessories.

SPECS: Denier Cordura nylon, O.D. green. 12" (30.5cm) long, 10 1/2" (26.7cm) high, 3 1/2" (8.9cm) thick.

#080-000-459 Field Pack Case, Only, 8K66I49..... \$75.99

BROWNELLS MILITARY WEAPON TAKEDOWN TOOL



Dozens Of Uses In Field Stripping A Variety Of Military Firearms

Handy steel tool eases the task of field stripping a variety of military weapons, including the AR-15/M16/M4, M14, and L1A1 rifles, as well as the M2 and M240 machine guns. Use the pointed end to remove pins, retainers, clips, and other subassemblies—much easier than using the tip of a cartridge. The other end can serve as a slot-tip screwdriver or pry bar. Deeply knurled handle won't slip and has a solid feel in the hand; adjust handle position by loosening the two hex head screws. Dozens of uses on the workbench and in a field tool kit. **SPECS:** Steel, black oxide finish. 7 1/4" (18.4 cm) long.

#080-000-580 Military Weapon Takedown Tool, 8K26I48..... \$29.99



BROWNELLS BROKEN SHELL EXTRACTOR

Easily Removes Broken Cases Without Field Stripping



Case head separation from over-fired or out of spec brass won't ruin your shooting experience if you keep one of these handy tools in your pocket or field kit. Hardened, steel tool reliably and easily removes broken cases from AR-type or any other firearm chambered for the .223/5.56 NATO or .308/7.62 NATO cartridges. Exclusive, threaded, two-piece design is adjustable for overall length, so the tool completely engages the rim of the case mouth; cannot slip through or strip out. Very simple to use, drop the broken shell extractor into the chamber directly inside the broken case. Allow the bolt to close so the extractor engages the rim of the tool and draw back the bolt to open the chamber. The broken case will eject along with the broken shell extractor. **SPECS:** Steel, blue. Models for .223 Remington/5.56 NATO or .308 Winchester/7.62 NATO cartridges.

#080-000-441 .223 Broken Shell Extractor, 8K17Q98..... \$19.99

#080-000-530 .308 Broken Shell Extractor, 8K23N49..... 25.11

KLEINENDORST REM 700 BARREL TOOL



Stops Lug "Cant" When Tightening Barrel

A precisely milled slot in the front of the tool holds the lug in proper alignment as you tighten the barrel into the receiver.

SPECS: Aluminum, anodized, matte finish. 8 oz. (227 g). 1 1/8" (4.8 cm) long. 1 3/16" (4.9 cm) wide, 1/8" (7.9 mm) thick. F/S fits factory and Shilen lugs, H fits Holland.


#488-004-700 F/S 700 Barrel Lug Tool, 8H42C51..... \$45.54

#488-000-002 H 700 Barrel Lug Tool, 8H45G70..... 48.75

GUARANTEED.FOREVER.®
SINCE 1939

M-MACHINE SAVAGE SMALL BARREL NUT WRENCH

A Basic Tool for Removing/Installing Barrels Without Marring Barrel Surface


A simple wrench for torquing down (or off) old-style Savage barrel nuts with square notches. This wrench is machined from 6061 T6 aluminum alloy, so it will not scratch or mar the barrel's surface. $\frac{3}{8}$ " thick to provide a large contact area on the nut to evenly distribute the torquing force. The inside of the wrench measures out at 1.319" at the points where it will engage the outside of the barrel nut. Accepts a standard $\frac{3}{8}$ " square drive. Rated to withstand up to 80 ft.-lbs. of torque - far in excess of the 30 to 40 ft.-lbs. Savage recommends for installing these barrel nuts. **NOTE:** M-Machine recommends NOT using this wrench to remove factory installed barrel nuts. 

#100-031-290 Savage Small Barrel Nut Wrench, 2H30C00..... \$ 34.99

SURGEON RIFLES ACTION WRENCH



Prevents Damage When Installing Barrel On Surgeon Or Remington 700 Action


Easy-to-use alternative to old-fashioned T-handle action wrenches is specifically designed to prevent damage to receiver when installing and removing barrels. Lets you torque a Remington 700 or Surgeon Rifles action as close as possible to the barrel threads to eliminate unwanted twisting or bowing of the action that can result in distorted bolt raceways and other expensive damage. Inserts in the ejection port; the two "ears" fit in the raceways at the front ring. Insert a $\frac{1}{2}$ " drive ratchet handle or torque wrench and tighten/loosen the action to the barrel. Works on any length action.  **SPECS:** Steel, black oxide finish. Fits Remington 700 and Surgeon Rifles receivers.

#100-003-675 Surgeon Action Wrench, 9B00QBN \$ 69.99

ZERMATT ARMS BIGHORN ACTION WRENCH



A Sturdy Tool for Working on Zermatt & Other Bolt Actions


Whether you're building a whole new rifle or just swapping barrels on an existing rifle built around the Zermatt Bighorn Arms action, you'll want this wrench. It is ideal for any Bighorn action that has the slot in one side because the wrench will work without disassembling the whole action. Good news: this wrench can also be used on Remington 700 and Savage bot action rifles! Tempered steel construction with a black oxide finish. It is $\frac{1}{2}$ " (.875") across the rear wrench/socket flats. 

#100-036-558 Big Horn Action Wrench, 4C00JMQ..... \$ 85.00

BROWNELLS SCAR 16S/17S FN SCAR ARMORER'S KIT



All The Tools To Repair & Maintain FN's 21st Century Battle Rifle

Extensive armorer's kit has all the tools needed as specified by FN to properly service and repair the SCAR combat rifle system, all stowed in a heavy-duty armorer's bag for easy transport and storage. The kit includes the following items: Tangodown Armorer's Block Set, $\frac{3}{8}$ " torque wrench with crowfoot wrench attachments specific to the 16S/17S, Magna-Tip® torque handle and bits specific to the 16S/17S, ball peen hammer, needle nose pliers, dental explorers, combination wrenches, (2), leather vise jaws, trigger scale, brass brush, punches and roll pin holders, 5.56 & 7.62 Go & No Go headspace gauges, 5.56 & 7.62 barrel straightness gauges, ejector removal tool and ejector installation tool, trigger mounting axis pin, heat gun for barrel removal, Loctite 603 50ml, Rocksett 2oz, and armorer's bag. 

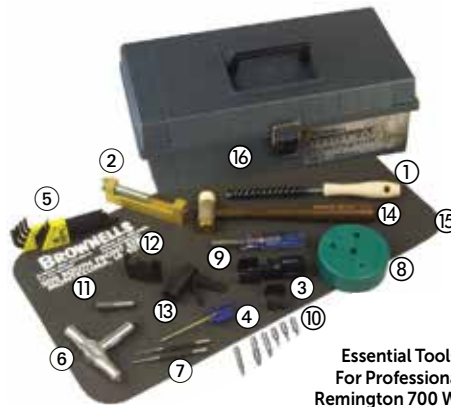
#080-001-031 FN SCAR Armorer's Kit, 8K889K99..... \$ 962.99



Want To Know About What NEW Products We Just Added This Week?

Go to the LEARN tab at brownells.com to view intro videos and articles on your gun.

BROWNELLS REMINGTON 700 ARMORER'S KIT

Indispensable collection of tools includes everything you need to service Remington 700s. The kit includes hex wrenches for your scope mounts and rings, a torque wrench for the guard screws and there's even a bench mat to protect the gun while you work on it. Plus, because of the amount of work the bolt assembly does, it requires frequent cleaning, disassembly, and service. Several of the tools give you a mechanical advantage to make that process simple. 

#080-000-088 Remington 700 Armorer's Kit, 8K409G99..... \$ 429.99

① **UNIVERSAL BOLT BRUSH** - Long, nylon-bristled brush rids crud from the interior of the bolt. **SPECS:** Plastic handle, SS shank, nylon bristles. $1\frac{1}{2}$ " (26cm) overall. #084-400-001 Universal Bolt Brush, 8K7M49..... \$ 9.99

② **KLEINERDORST REMINGTON FIRING PIN TOOL** - Compresses the firing pin spring for easy disassembly. **SPECS:** $5\frac{1}{2}$ " (14cm) long. $\frac{3}{4}$ " (19mm) wide. $1\frac{1}{2}$ " (4.4cm) high. Weighs 10 oz. (28.3g). Aluminum base, steel screw. #488-002-000 Rem. Firing Pin Tool, 8H42E51..... \$ 45.75

③ **BOLT EJECTOR TOOL SET** - Assists in driving out the ejector pin; one for small bolt faces, another for large. **SPECS:** Steel, blued. Plastic handle. Includes instructions. #080-792-100 Bolt Ejector Tool Set, 8K30109..... \$ 35.99

④ **BRASS ALIGNMENT & PUSH PUNCH** - .120" diameter punch helps align pins, bolt stop, and bolt stop spring. **SPECS:** Plastic handle, brass shank. 360 alloy shaft. $4\frac{1}{4}$ " (12cm) long. $3\frac{1}{4}$ " (8.3cm) long shank. #080-000-025 .120" Brass Alignment & Push Punch, 8K7B78..... \$ 8.99

⑤ **BALL-HEX WRENCH SET** - 12-wrench set ranges from .050 to $\frac{3}{16}$ ". Excellent for installation and removal of scope rings and bases. **SPECS:** $2\frac{1}{2}$ " (7.3cm) - $6\frac{1}{2}$ " (16.5cm) long. 12 sizes: .050", $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ". #123-109-000 Inch Ball-Hex Wrench Set, 3B10P47.... \$ 14.99

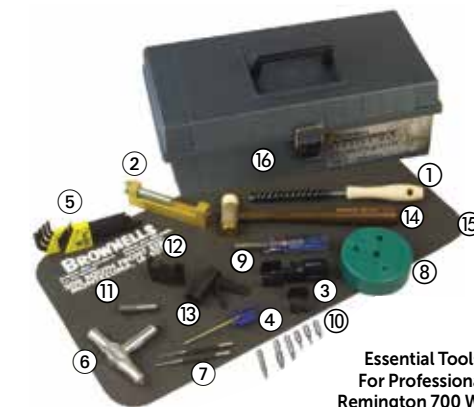
⑥ **T-HANDLE TORQUE WRENCH** - 45 inch pound, torque wrench tightens triggerguard screws to Remington factory specs. **SPECS:** Steel, chrome plated. $3\frac{1}{2}$ " (8.8cm) high, $4\frac{1}{8}$ " (10cm) wide. #792-212-045 45in/lb Torque Handle, 2G149D99.... \$ 169.99

⑦ **PIN PUNCH SET** - Two, top quality punches. Use the $\frac{1}{8}$ " punch for removing the bolt stop and sear pin; use the $\frac{1}{16}$ " punch for removing the ejector pin and firing pin cross pin. **SPECS:** 4" (10.2cm) long. Sizes: $\frac{1}{8}$ " (1.6mm), $\frac{1}{16}$ " (3.2mm). #827-525-800 Starrett Pin Punch, 7B6C46..... \$ 6.99 #827-525-780 $\frac{1}{16}$ " Punch, 7B6B79..... 8.99

⑧ **RIFLE BENCH BLOCK** - Large, 4" diameter block; won't embed or mar when pounding out pins. **SPECS:** Polyethylene green. 4" (10cm) diameter, $1\frac{1}{8}$ " (2.8cm) high. #080-000-492 Rifle Bench Block - Green, 8D18B99.... \$ 19.99

⑨ **MAGNA-TIP LAW ENFORCEMENT SCREWDRIVER HANDLE** - Holds Magna-Tip bits (see below). Puts your hand close to the work for maximum control. **SPECS:** $5\frac{1}{2}$ " (14cm) overall. $1\frac{1}{2}$ " (4.4cm) long shank. 1" (2.5cm) diameter x $3\frac{1}{4}$ " (9.5cm) long handle. #080-088-004 Magnetic LE Handle, 8K12H38..... \$ 14.99

MAGNA-TIP BITS - Use in Magna-Tip LE Handle or with the Square-To-Hex Converter and Torque Wrench (both included in kit) on triggerguard screws and scope mounts. 185-1 and 185-



Essential Tools For Professional Remington 700 Work

3 fit Allen head triggerguard screws. 340-5 fits slotted front and rear screws on ADL and BDL. 240-5 fits slotted center screws on ADL and sight screws. T10 and T15 Torx® bits for screws in newer scope mounts. **SPECS:** Hardened steel. 1" (2.5cm) or $1\frac{1}{4}$ " (3.2cm) long.

#080-185-100 $\frac{3}{16}$ " Allen Bit, 8K3K99..... \$ 3.99

#080-240-540 #240-5 Slotted Bit, 8K3G21..... 3.99

#080-435-015 T15 Torx Bit, 8K00KGR..... 3.99

⑪ **SQUARE-TO-HEX CONVERTER** - Converts square shank to hex to allow use of Magna-Tip bits in torque wrench (included in kit). **SPECS:** Forged steel, heat treated. 2" (5cm) long. #084-095-230 $\frac{1}{4}$ " Square to $\frac{1}{4}$ " Hex Converter, 8K17J99..... \$ 21.99

⑫ **REMINGTON EXTRACTOR RIVET ANVIL** - Simplifies extractor rivet peening. Fits inside bolt face recess while youpeen the extractor rivet. **SPECS:** Blued, tool steel, hardened to Rc 60-63. $2\frac{1}{2}$ " (5.7cm) high x $1\frac{1}{4}$ " (4.4cm) wide x $\frac{1}{2}$ " (12.7mm) thick. #080-740-000 Extractor Rivet Anvil, 8K45Q39..... \$ 50.49

KLEINERDORST REMINGTON BOLT DISASSEMBLY TOOL - Removes the striker assembly in seconds for fast easy disassembly. **SPECS:** $2\frac{1}{2}$ " (6.3cm) long body. 690" (17.5mm) I.D. 1" O.D. $\frac{3}{16}$ oz. (99 g). Aluminum body, steel hook and pivot arms. Fits Rem. 7ISS, 700, 700 ISS, 40X, 600, 660, 721/722 #488-001-000 Remington Bolt Disassembly Tool, 8H37P96..... \$ 39.99

⑬ **NYLON/BRASS HAMMER COMBO** - Brass on one side, nylon on the other. Use brass to knock out pins and nylon for a more gentle persuasion. **SPECS:** 1" (2.5cm) diameter faces. $11\frac{1}{2}$ " (29.2cm) hickory handle. Weighs approximately 6 oz. (170.1g). #818-600-100 1" Nylon/Brass Hammer Combo, 8A19E49..... \$ 21.99

⑭ **BENCH/FIELD GUN MAT** - Soft, flexible mat unrolls when needed. Protects wood and metal finishes and is highly absorbent. **SPECS:** 12" (30.5cm) x 24" (61cm). #084-280-001 #1 Roll-Up Gun Mat, 8K13G76..... \$ 14.99

⑮ **TOOL BOX** - Durable, portable toolbox makes it easy to keep organized at home or in the field. **SPECS:** High-impact plastic. 15" (38.1cm) long, 7" (18cm) wide, 5" (13cm) high. #696-100-303 Tool Box, 6F11N21..... \$ 13.99

Orders: 800-741-0015

order on the web
brownells.com

BROWNELLS PAGE 471



BROWNELLS ACTION WRENCH SYSTEM

Eliminates Torque Damage When Installing/Removing Barrels



The only commercially available action wrench system that surrounds and supports the receiver ring and recoil lug to distribute potentially damaging torque forces equally. The solid steel base has a unique, machined relief to clear the recoil lug on most Mauser-type bolt action rifles and, the individual, bolt-on Heads are machined to provide an exact fit around and against the receiver ring or barrel nut for each of the rifle models listed. Together, they support the receiver in a ring of steel and greatly increase the amount of surface gripping area to totally eliminate twisted bolt "ways" or damaged, ruined receivers. This is the most advanced, complete, professional-quality, Action Wrench System. With it, you can prevent expensive receiver damage on MOST popular rifle actions, including military models. Saves the gunsmith money, you can purchase the Handle/Base Unit complete with one of the interchangeable Heads, then add different Heads, only as your needs grow - all for a far, far lower investment than ten, individual, specialty wrenches. **The complete listing of all rifle heads and those for handguns is found elsewhere in catalog.** **US**
SPECS: Blued steel. **Base/Handle Unit** - 12 1/2" (31.1cm) long, 1" (24.5mm) diameter. **Interchangeable Head** - 4 1/2" (11.4cm) wide, 1 1/4" (3.1cm) thick. **Complete Wrench** - Includes Base/Handle and the required Head(s) for the model listed; 1/2"-20 2" and 3" long bolts; 1/8" Allen wrench; Instructions.

BROWNING A-BOLT - Two-piece head clamps around the forward receiver ring for complete contact on the top and sides of this uniquely shaped receiver.
#080-800-002 Comp A-Bolt Wrench, 8K134N99 \$ 154.99
#080-801-002 A-Bolt Heads, only, 8K59N99 69.99

1917 ENFIELD/P-14 - Machined cut in head clears projection on receiver ring. Also fits many commercial variations, such as the Remington Model 30.
#080-800-017 Comp. 1917 Wrench, 8K109G99 \$ 124.99
#080-801-017 1917 Head, only, 8K33F99 39.99

LARGE RING MAUSER - Maximum support for the receiver ring. Fits virtually all military and commercial Large Ring Mausers (like Mk X).
#080-800-098 Comp LR Mauser Wrench, 8K104I99 \$ 119.99
#080-801-098 LRM Head, only, 8K31D99 34.99

SMALL RING MAUSER - Maximum support for lug and receiver ring of these relatively soft receivers that twist and crush so easily. Fits most military and commercial models.
#080-800-095 Complete SR Mauser Wrench, 8K109Q99 \$ 124.99
#080-801-095 SRM Head, only, 8K33A99 39.99

MINI-MAUSER - One-piece head provides complete support for lug and receiver. Prevents twisting or crushing receiver.
#080-800-005 Complete Mini-Mauser Wrench, 8K109B99 \$ 124.99
#080-801-005 Mini-Mauser Head, only, 8K33F99 39.99

UNIVERSAL - Flat on one side of head to fit most lever actions and some single shot receivers. Machined 45° V on back side of head can be used with shims on odd-shaped receivers when no other head will fit. Will fit Ruger M77 and French MAS.
#080-800-001 Comp Uni. Wrench, 8K109E99 \$ 124.99
#080-801-001 Universal Head, only, 8K33I99 39.99

SPIKES TACTICAL AR-15/M16 WRENCHES

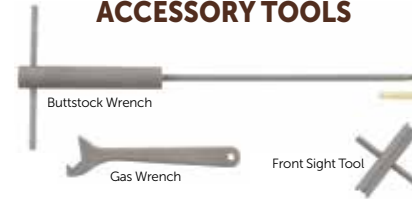
Wrenches Help Assemble AR-15s

Chromoly-steel wrenches accept standard torque wrench drives and help quickly assemble AR-15 rifles.



Wrenches feature black phosphate finish for resistance to wear and corrosion, and Spikes Tactical logo. **Castle Nut Wrench** accepts 3/8" drive and has cutouts to fit onto standard AR-15 carbine buffer tube castle nut. **USGI Barrel Nut Wrench** accepts 1/2" drive. Features seven pins made of tool steel and TIG welded into place. Fits standard AR-15 barrel nuts. All wrenches sold separately. **US**
#100-014-394 Castle Nut Wrench, 3B44P99 \$ 47.99
#100-014-395 USGI Barrel Nut Wrench, 3B45L15 47.95

D.S. ARMS FN-FAL ACCESSORY TOOLS



Original FAL Tools For Service & Repair

Authentic tools necessary to keep the FAL in top operating condition. **Front Sight Tool** easily adjusts the sight for correct elevation. **Gas Wrench** has the strength for removing the most stubborn regulator nut. **Buttstock Wrench** is necessary for control of recoil spring when removing the buttstock. **US**
SPECS: Steel, parkerized. Front sight tool fits all sights except Israeli.
#274-100-640 FAL Front Sight Tool, 4G24L29 \$ 28.99
#274-100-641 FAL Gas Wrench, 4G15D69 20.99
#274-100-632 FAL Buttstock Wrench, 4G15D62 20.99

BROWNELLS M14/M1A CASTLE NUT PLIERS

Hardened, Steel Head Eliminates Flex, Prevents Stripping



Thick, steel handles provide the necessary strength and rigidity to tighten and loosen the flash suppressor nut on M1A/ M14 rifles. Hardened jaw points provide precise engagement to eliminate notch stripping. Rubber sleeves give a positive gripping surface. **US**
SPECS: Hardened steel, black oxide finish. 6" (15cm) long.
#080-000-185 M14/M1A Castle Nut Pliers, 8K13B45 ... \$ 14.99

BROWNELLS BOLT ACTION FIRING PIN REMOVAL TOOL



Quickly Remove Firing Pins From Remington & Ruger® Rifles

A third hand for removing the firing pin from Remington and Ruger bolt action rifles without lost parts or sore fingers that sometimes accompany this tricky job. Install the correct bushing for your rifle in the end of the tool body. Screw the firing pin assembly into the bushing, and tighten the threaded, steel shank to compress and capture the mainspring. The hollow shank protects the firing pin tip as it slides over the pin to compress the spring. The crosspin can then be driven out with a punch, and the spring tension relieved by gradually loosening the shank. Includes bushings for Remington 700 family and Ruger M77® Mark II rifles. Built-in storage slot holds the unused bushing on the tool body, so it's always there when you need it. **US**
SPECS: Aluminum base, hardcoat anodized, black. Hardened tool steel screw shank and bushings, black oxide finish. Body - 5 1/4" (13.34cm) long, 1" (2.54cm) wide, 1 1/2" (3.02cm) high. Shank - 3 1/2" (8.89cm) long. Fits Remington 700, 710, 721, 722, Model Seven, XP-100, M24, and 40X; Ruger M77® Mark II, 77/22®, 77/17®, 77/44® bolt action rifles.
#080-000-409 Firing Pin Removal Tool, 8K62J99 \$ 69.99

BADGER ORDNANCE M14/M1A BOLT ROLLER GREASER



Lubricates For Optimal Performance

CNC machined tool forces grease in and around the hard to reach areas of the bolt roller to insure optimal performance and dependability. Easy to use, simply fill the cupped end with rifle grease and push onto the roller for complete lubrication. Durable polymer construction resists most solvents. **US**
SPECS: Polymer, black matte. 1" (2.5cm) long x 5/8" (1.6cm) dia.
#093-000-009 Bolt Roller Greaser, 3K7J99 \$ 8.36

FULTON ARMORY M1 GARAND GAS CYLINDER WRENCH

No-Mar Field Disassembly For Cleaning & Maintenance



Supports the gas cylinder and keeps it from rotating when removing the gas plug. Lets you easily separate these parts without damage. **US**
SPECS: Aluminum, anodized, blue. 5 1/2" (14.6cm) long, 1 1/2" (3.8cm) wide, 1/2" (6.3mm) thick.
#100-000-792 M1 Garand Gas Cylinder Wrench, 3K13J39 \$ 16.99

SADLAK INDUSTRIES M14/M1A GAS CYLINDER WRENCH



Removes Gas Plug & Holds Piston For Cleaning

Combination wrench holds the gas cylinder for easy gas plug removal without damage, plus the D-shaped hole prevents the piston from moving during cleaning. Small enough to store in a pocket when at the range or in the field. Machined from 1/2" thick aluminum, heat treated for extra strength, with a long-wearing baked-on mil-spec coating. Rounded edges ensure a comfortable grasp. **US**
SPECS: 6061 T6 aluminum, O.D. green finish. 6" (14.6cm) long, 1 1/2" (3.8cm) wide, 1/2" (6.3mm) thick.
#100-005-519 Gas Cylinder Wrench, 6A22J09 \$ 25.99

BROWNELLS M1/M1A/M14 HANDGUARD CLIP PLIERS

Remove Clip Quickly & Easily Without Damaging Gun



Indispensable tool removes the attaching clip for M1/M1A/ M14 top handguards quickly and safely without damaging the wood, the clip, or your fingers. Ergonomic handles fill the hand and provide maximum leverage. Precision machined from 6061 billet aluminum and hardcoat anodized for extra strength and years of trouble-free service. Once you use one of these, you'll wonder how you survived without it. **US**
SPECS: Machined aluminum, black hardcoat anodized finish. Approx. 7" (18cm) long.
#080-000-361 Handguard Clip Pliers, 8K40L16 \$ 43.25

GUARANTEED.FOREVER.®
 SINCE 1939

NEW!

FIX-IT STICKS REMINGTON 700 BOLT OPENER TOOL

Easy, Fast, Non-Damaging Way To Remove the Firing Pin Assembly from the Bolt Body

This simple tool fits on any 1/4" hex driver (like a Magna-Tip®) to access your Remington 700's firing pin quickly and easily at your workbench, in the field, or wherever you need to clean or replace that firing pin. Levers up the firing pin head with a simple "bottle opener" action so you can essentially unscrew the rest of the bolt assembly while you hold the firing pin head secure with the Fix-It tool. A molded polymer bushing protects the bolt plug from damage. This hardened steel tool will work with all Remington 700 bolts, as well as bolts from other manufacturers with similar designs.

#100-044-103 Rem 700 Bolt Opening Tool, 2F17H25 . . . \$18.99



BROWNELLS M1/M14 BOLT DISASSEMBLY TOOL

Cradles & Secures Entire Bolt

Improved variation of the original G.I. tool turns a three-handed job into a quick, easy-to-perform operation. Two-position handle provides extra leverage to cam the bolt forward and retain the entire bolt while depressing the ejector. Extractor lifts out and drops in easily while other parts stay put.

SPECS: Aluminum body, steel handled. 4 1/4" (12cm) long, 1 1/2" (3.8cm) wide. Fits both M1 Garand and M14 bolts.

#080-818-000 M1/M14 Bolt Disassembly Tool, 8K53P04 . . . \$59.99

KLEINENDORST REMINGTON FIRING PIN TOOL



Eases Disassembly Of Rem 40X, XP-100 & 700 Bolts

Compresses the mainspring until the cross pin can be driven out. Screw is recessed and shouldered to protect firing pin tip. **SPECS:** 5 1/2" (14cm) long, 3/4" (19.0mm) wide, 1 1/4" (4.4cm) high. Weighs 10 oz. (284 g). Aluminum base, steel screw.

#488-002-000 Rem. Firing Pin Tool, 8H42E51 . . . \$45.75

BROWNELLS SMLE FIRING PIN TOOL



Modernizes Military Design For Fast Bolt Disassembly

Absolutely essential for complete bolt takedown; firing pin or spring replacement on the Lee Enfield. Hollow shaft reaches over the firing pin and fits into the firing pin collar notches. Large, plastic handle for good control, won't dig into the palm. Much needed with the recent increase in SMLE imports.

#080-741-000 SMLE Firing Pin Tool, 8K30199 . . . \$39.99

KLEINENDORST REMINGTON BOLT DISASSEMBLY TOOL



Universal Design Makes Disassembly Fast, Safe & Easy

Removes striker assembly in seconds for fast disassembly of all Remington bolts. Works with spring relaxed or cocked. Hook fits into the notch of the firing pin head. Rotating the lever pulls firing pin head back and locks it. Fast and easy.

SPECS: 2 1/2" (6.3cm) long body, .690" (17.5mm) I.D. 1" O.D. 3 1/2 oz. (99 g). Aluminum body, steel hook and pivot arms. Fits Rem. 7 ISS, 700, 700 ISS, 40X, 600, 660, 721/722.

#488-001-000 Remington Bolt Disassembly Tool, 8H37P96 . . . \$39.99

BROWNELLS REMINGTON RIFLE EXTRACTOR RIVET ANVIL



Simplifies Extractor Rivet Peening

Fits inside face bolt recess to support back side of the extractor rivet while youpeen the other end to lock a new extractor in place.

SPECS: Blued, tool steel, hardened to Rc 60-63. 2 1/4" (5.7cm) x 1 1/4" (4.4cm) x 1/2" (12.7mm) thick.

#080-740-000 Extractor Rivet Anvil, 8K45Q39 . . . \$50.49

SINCLAIR REMINGTON 700 BOLT DISASSEMBLY TOOLS



Top-Drawer Specialty Tools For Safe, Easy, FAST Bolt Assembly & Disassembly

Precision made tools for safe, easy bolt disassembly and assembly without scraped knuckles and lost parts. Fits all Rem. 700, Stolle Panda, and other Remington style bolts. **Firing Pin Removal Tool** removes the entire firing pin assembly from the bolt body. The thick, polymer cylinder slides over the bolt shroud to prevent scrapes or gouges. Polymer knob easily turns the steel lead screw and slowly pulls the cocking piece clear of the small detent for easy removal. **Ejector Compressor Tool** compresses ejector spring, so you can push out the pin and safely remove the spring. Includes fittings for both small (.223) and large bolt faces (.308 and Magnum). **Main-spring Changing Tool** is used for both mainspring and firing pin removal. Hand-filling, polymer knob effortlessly turns steel lead screw and compresses mainspring for easy cross pin removal. **Bench Block** designed for use with the tools above secures both bolt and firing pin in the proper position for driving out pins. Machined from Delrin™ so it will not scratch the bolt's finish, plus a "well" properly located to prevent the loss of pins. **Bolt Maintenance Kit** contains ALL FOUR tools in a sturdy, hard-plastic case with custom-fitted foam interior. **Storage Case** also sold separately, in case you bought the tools earlier, one at a time.

SPECS: Firing Pin Removal Tool - Polymer cylinder/knob, matte black. Steel hook/lead screw. Body - 3 1/4" (8.2cm) long x 1 1/4" (3.2cm) wide. Ejector Compressor Tool - Aluminum, anodized, blue. Steel screw, polymer bushings, matte black. Body - 4 1/8" (1.7cm) long x 2" (5.1cm) wide. Main-spring Changing Tool - Aluminum, anodized, green. Steel lead screw. Polymer knob, matte black. Body - 8 1/2" (21cm) long x 1 1/4" (1.9cm) wide. Fits Rem. 700, Stolle Panda, and other Remington style bolts.

#749-004-116 Firing Pin Removal Tool, 8H21N54 . . . \$32.99

#749-003-541 Ejector Compressor Tool, 8H21C39 . . . 35.99

#749-004-114 Mainspring Changing Tool, 8H20D33 . . . 32.99

#749-002-695 Sinclair Bench Block, 8K18D12 . . . 22.99

#749-011-311 Bolt Maintenance Kit, 8K00DWQ . . . 139.99

#749-011-310 Remington Bolt Maintenance Storage Case, 5F33N31 . . . 38.99

NEW!

MOUNTAIN TACTICAL TIKKA T3 BOLT DISASSEMBLY TOOL



Takes the Pain & "Blue" Language Out of Disassembling a Tikka Bolt

Folks who shoot Tikka rifles tend to love them. What they don't love is disassembling the bolt because the bolt shroud is one son of a.... really stubborn sucker to remove. Mountain Tactical's little tool will save you hours of frustration when installing bolt shrouds and handles - especially if you accidentally un-spring the firing pin mechanism in the bolt. Just slide the tool over the bolt shroud, twist, and voila - the shroud pops right off. Easily reload the firing pin spring, change out a bolt handle, or quickly dismantle your bolt for cleaning with confidence. Not everyone is built like Hercules, but this tool gives you leverage that'll make you feel like him!

#100-061-465 Tikka Bolt Disassembly Tool, 5H11F13 . . . \$13.00



BROWNELLS EJECTOR REMOVAL TOOL

Eliminates The "Lost Parts" Hassle When Working On Rifle Bolts



Versatile fixture lets you remove plunger-style ejectors from standard .700" and .510" diameter bolts quickly and safely without launching parts across the room. Works for a variety of popular rifles, including AR-15, AR-style .308 rifles, Remington 700, Winchester 70, Savage, and Sako. Rugged, lightweight body machined from 6061 billet aluminum securely holds bolt while threaded, tool steel shank compresses and captures ejector spring and aligns the roll pin for easy removal with a punch. Gradually loosen the shank to relieve spring tension.

SPECS: Anodized 6061 aluminum body, dark green, steel shank. 3 1/2" (9.7cm) long with shank fully screwed in, 2 1/4" (5.7cm) wide, 1 1/4" (4.5cm) high. Fits AR-15, AR-style .308 rifles, Remington 700, Winchester 70, Savage, and Sako rifles.

#080-000-420 Ejector Removal Tool, 8K55D99 . . . \$63.99

MANSON PRECISION REAMERS BOLT FACE TRUING TOOLS



Squares Bolt Face To Receiver

Requires only hand tools to cut the bolt face square and concentric to the boltway. Tooling block locates in the front receiver ring; turn and squaring receiver face. Use after bolt lapping and squaring receiver face.

SPECS: High speed steel, carbide cutter head. Fits Remington 700 receivers. Use requires Tooling Block and one Facing Burr.

#513-000-008 Tooling Block, only, 3A110C00 . . . \$110.00

#513-000-009 .223 Facing Burr, 3A65A00 . . . 65.00

#513-000-011 .308 Facing Burr, 3A65M00 . . . 65.00

#513-000-012 Magnum Facing Burr, 3A65I00 . . . 65.00

BROWNELLS RECEIVER FACING CUTTER & PILOTS

Trues The Receiver Face For A Highly Accurate Rifle; Eliminates Lathe Work



Hardened steel cutter and pilots provide the perfect combo for accurizing Remington 700 and AR-15 actions without a lathe. Large, 1 1/2" diameter cutter squares the receiver face to the boltway for precise mating to the barrel. Twelve, 90° flutes deliver even pressure and a smooth, chatter-free cut when used with Brownells Muzzle Facing & Chamfering T-Handle (#080-589-000) or our Drill Chuck Adapter (#080-962-000). .700" diameter pilot fits factory original, Remington 700 receivers. 1" facing pilot fits AR-15 upper receivers.

SPECS: Hardened steel, polished finish. Cutter - 90°, 2" (5.1cm) long x 1 1/2" (3.8cm) O.D. Pilots - 2" long x .700" (17.8mm) or 1" (25.4mm) O.D.

#080-000-194 Receiver Facing Cutter, 8K62C64 . . . \$70.99

#080-000-195 1" Receiver Facing Pilot, 8K23E99 . . . 28.99

#080-000-197 .700" Receiver Facing Pilot, 8K24F99 . . . 28.99

#080-589-000 Facing & Chamfering Tool Handle, only, 1/4"-20 thread, 8K12J99 . . . 14.99

Orders: 800-741-0015

order on the web **brownells.com**

BROWNELLS PAGE 473

SPECIALTY RIFLE TOOLS

BROWNELLS BOLT FACING LATHE BIT

Expertly Ground,
Ultra-Hard Cobalt Alloy



Cobalt alloy bit provides maximum cutting force to open bolt faces to magnum dimensions. Back rake, front and side clearance, lip angle, cutting angle and chip rake are ground to give best performance in bolt steels. A must if you don't have a tool-post grinder.

SPECS: 2 1/8" (5.4cm) long, 1/4" (6.3mm) or 3/16" (7.9mm) square.
#080-659-250 1/4" Bolt Facing Bit, 3B25D64 \$ 29.99
#080-659-375 3/16" Bolt Facing Bit, 3B21J91 24.99

BROWNELLS REMINGTON 700 SAKO EXTRACTOR INSTALLATION JIG



Provides Accurate, Consistent Setup;
Saves Valuable Shop Time

Precision made, steel V-block provides consistent, repeatable machine setups and avoids costly milling mistakes while improving production time. V-block jig acts like a vise and clamps the rifle bolt at the correct milling angle for the perfect extractor cut. Compact unit fits standard mill vises and provides plenty of working space for fast, accurate turn-around. A must-have for fitting Sako extractors to Remington 700 bolts. Instructions included.

SPECS: Steel, black oxide finish. 3" (7.6cm) long, 1 1/2" (3.2cm) wide, 1 1/2" (3.8cm) high.
#080-000-505 Sako Extractor Jig, 8K42B61 \$ 46.99

BROWNELLS BARREL/RECEIVER TAPS & DIES



Clean Up Barrel & Receiver
Threads For Fast, Easy
Installation



Clean and chase dinged or imperfect threads, either on the barrel or in the receiver. Real lifesavers for any rebarreling job, especially good when installing any of our "no-lathe", pre-threaded barrels. Thanks to Walt Warren for his suggestion.

SPECS: High speed steel. Dies are 2" diameter except Savage which is 2.5" diameter. 1.00"-16 tpi fits FN-FAL; 1.10"-12 tpi fits Large Ring Mauser; 1 1/8"-16 tpi fits Remington 700 and XP-100; 1.055"-20 tpi fits Savage 110/112.
#080-598-982 FN-FAL Tap, 8K81C72 \$ 89.99
#080-598-151 FN-FAL Die, 8K121Q07 137.99
#080-598-111 Large Ring Mauser Tap, 2K114N11 129.99
#080-598-110 Large Ring Mauser Die, 2K157C43 169.99
#080-598-116 Remington 700 Tap, 2K77F16 86.99
#080-598-117 Remington 700 Die, 2K118E21 128.99
#080-598-155 Savage Tap, 2K102H12 114.99
#325-100-186 #49 Die Stock, 5B14B99 16.99

BROWNELLS BARREL THREAD RESTORATION KIT

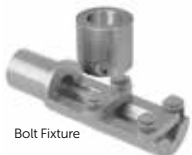
Repair Damaged Threads Or
Makes New Ones



This handy tap and die kit from Brownell's allows you to cut or restore 1/2"-28 threads. Tap is made from high speed steel and is ideal for cleaning the threads on your flash hider, muzzle brake, or compensator. Innovative split die allows you to start the die on clean barrel threads, and work your way over the damaged areas. Die is made from A-2 tool steel, and are heat treated for extra strength and durability.

SPECS: Fits 1/2"-28 threads. Tap - High speed steel. Die - A-2 tool steel.
#080-001-158 Barrel Thread Restoration Kit, 8K47P89 \$ 54.99

LA BOUNTY BOLT FIXTURE & ACTION TRUING SLEEVE



Bolt Fixture



Receiver Mandrels

Faster, More Precise Lathe Setup for
Turning Bolts & Truing Actions

Bolt Fixture - A simple and rigid lathe fixture that holds most common rifle bolts in a four-jaw chuck for face and locking-lug truing (both front and rear surfaces) or opening up the face to accept magnum cartridges. **Receiver Mandrels** - Trues action to bolt raceway rather than threads, which may not be aligned to action. Two sizes (.701" and .703") to fit actions with nominal .700" diameter raceways. Instructions included.

SPECS: Bolt Fixture - Steel, blued 7" (17cm) long, 1 1/2" (4cm) diameter shank, includes clamps and screws. Receiver Mandrels - Steel, hardened to Rc 45, in-the-white, 10" (25.4cm) long, .701" (17.80mm) and .703" (17.86mm) diameter. Fits nominal .700" diameter bolt action receivers.
#521-100-000 Bolt Fixture, 1B181J25 \$ 193.33
#521-103-000 Set of 2 Receiver Mandrels, 1B49K92 .. 66.99

SAKO EXTRACTOR MILLING CUTTERS



Helps You Install A Durable Sako Extractor
On Your Remington Bolt

Carbide, center-cutting, four-flute mills precisely cut the groove necessary to install a Sako extractor on your Remington bolt for positive, reliable extraction. High-cobalt content improves feed rates for fast cutting. Order the cutter that matches the width of your Sako extractor.

SPECS: High-cobalt carbide. Order cutter that matches your Sako extractor slot width.

| STOCK # | SLOT WIDTH | SIZE | PRICE |
|--------------|------------|-------|------------------|
| #317-000-005 | .152" | 3/32" | 7A24D25 \$ 27.99 |
| #317-000-006 | .172" | 1/16" | 7A27J95 \$ 32.99 |
| #317-000-007 | .231" | 1/8" | 7A38C29 \$ 41.99 |

JME INNOVATIONS SPLIT RETHRADING DIE

Dies Help Make Thread Repair Easy



Steel rethreading dies help clean up cross-threaded or other wise damaged threads, especially those commonly found on the muzzles of AR-15 style rifles. Two-piece split design lets you start the die from the top down or from the bottom up, giving maximum flexibility for thread repair. Hex shape makes it possible to use with adjustable wrench. Available in 1/2"-28 or 3/8"-24 threads.

SPECS: A2 tool steel, 1" (2.5cm) O.D. 1/2"-28 or 3/8"-24 threads.
#100-015-333 1/2"-28 Split Rethreading Die, 6A40K00 .. \$ 52.99
#100-015-334 3/8"-24 Split Rethreading Die, 6A47H06 .. 62.99

BROWNELLS MAUSER 98 CROSSBOLT WRENCH



Fits M98, 2-Pin, Crossbolt Nut

Correct pin spacing, O.D. and relieved center for fast removal of M-98 stock cross bolts.

SPECS: Tool steel. 4 1/4" (10.8cm) long x 3/16" (14.3mm) diameter.
#080-098-100 Mauser 98 Cross Bolt Wrench, 8K23P99 \$ 26.99

HORNADY OVERALL LENGTH GAUGE



Helps Minimize Bullet "Jump" For
Accurate Handloads

Use this adjustable gauge, modified case, and your dial calipers to help you select the optimum bullet seating depth for your bolt rifle. Includes instructions.

SPECS: Gauge - Machined aluminum, 12" (30cm) long, anodized finish, red. Modified Case - Brass. Purchase Gauge and Modified Case separately. Straight Gauge for bolt and single shot actions. Curved Gauge for auto, pump, and lever actions.
#829-200-000 Straight Overall Length Gauge, 9D00NCD \$ 33.99
#829-200-001 Curved Overall Length Ga, 9D00NSN 39.99

MODIFIED CASES

| STOCK # | CARTRIDGE | PRICE |
|--------------|-------------------|-----------------|
| #749-001-396 | 223 Rem | 9D00HHQ \$ 6.99 |
| #829-200-225 | 22-250 Rem | 9D4E95 \$ 5.29 |
| #829-200-243 | 243 Win | 9D4C52 \$ 5.29 |
| #829-000-024 | 260 Rem | 9D00CRM \$ 7.99 |
| #829-200-270 | 270 Win | 9D4C52 \$ 5.29 |
| #829-200-708 | 7mm-08 Rem | 9D7K70 \$ 8.99 |
| #829-200-284 | 7mm Rem Mag | 9D5I21 \$ 5.99 |
| #829-200-308 | 308 Win | 9D5N21 \$ 7.99 |
| #829-200-306 | 30-06 Springfield | 9D5K21 \$ 7.99 |
| #829-200-300 | 300 Win Mag | 9D8Q26 \$ 9.99 |

BROWNELLS BOLT HEAT SINKS FOR BOLT WELDING & FORGING



Protects Critical Locking Lugs
When Welding Or Forging Bolt Handles

Provides protection to locking lugs when welding or forging bolt handles by pulling heat away from these critical areas and dissipating it. Especially effective when used with Heat Control Paste. Threaded to fit securely into rear of bolt body, giving additional protection to interior threads by preventing scale formation. Flats milled on end allow use of wrench. Available separately or as a Set of five.

SPECS: Steel, blued. 4 1/2" (10.8cm) to 5 1/2" (14cm) long depending on the model. #1-1903 & 03A3 Springfield. #3-98 Mauser, #4-Remington 700.
#080-638-001 #1 Bolt Heat Sink, 8K20D99 \$ 24.99
#080-638-003 #3 Bolt Heat Sink, 8K20D99 24.99
#080-638-004 #4 Bolt Heat Sink, 8K20I99 24.99
#080-638-000 Bolt Heat Sink Set, 8K67A22 100.99

BROWNELLS CENTERFIRE/RIMFIRE FIRING PIN PROTRUSION GAUGE



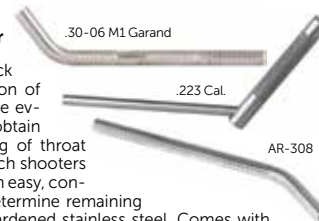
Accurately Records Critical Firing Pin
Protrusion On Both Centerfire & Rimfire Bolt

Correct firing pin protrusion is critical to the entire ignition sequence. Elliptical face on the recording plunger allows accurate measuring of both rimfire and centerfire pin protrusion to within .0001". To Use: Unlock plunger, place gauge over protruding firing pin, lock plunger, lift from bolt and mike overall length. Difference between original length and miked overall length of body plus plunger, is amount of pin protrusion.

SPECS: 1/2" (12.7mm) dia., .90" (23mm) lg. Hardened plunger.
#080-782-000 Firing Pin Gauge, 8K36M57 \$ 39.99

NEW! W.H. MERCHANT THROAT EROSION GAUGE

Instant Read-Out
Checks Throat Wear



Presents a quick and accurate indication of barrel/throat wear. Use every 1,000 rounds to obtain a comparative reading of throat erosion. Provides match shooters and varmint hunters an easy, convenient method to determine remaining barrel life. Made of hardened stainless steel. Comes with complete instructions. .223 also fits .222 and .22-250. NOT for use with 5.56 NATO or .223 Wyld chambers, as it will give erroneous readings.

#565-017-223 .223 Cal. Throat Gauge, 5F36B07 \$ 42.99
#565-000-012 AR-308 (.308 Cal.) Throat Gauge, 5F35D99 42.99
#565-000-009 .30-06 M1 Garand Throat Gauge, 5F36E42 46.99

