



AR15

TACTICAL MAINTENANCE KIT

KEEP IT READY.





Congratulations on purchasing the AR15 Tactical Maintenance Kit by Real Avid!

This smart, organized kit allows you to be fully equipped on the bench or in the field with the tools necessary for the dirtiest of jobs to keep your rifle up and running. Housed in a professional tool case and equipped with step-by-step instructions, you will be able to work smarter and more confidently on your rifle.



WARNING

Before undertaking any type of maintenance on your firearm – including disassembly, cleaning, and reassembly – you must know how to unload, remove the magazine, and visibly and physically safety check the firearm. You must know how to safely operate the action of the firearm and how to combine and separate the upper receiver from the lower receiver.

After performing maintenance on your firearm, you must properly perform all appropriate safety procedures and confirming proper function of the fire control group. Failure to do so can result in damage or destruction of your firearm and/or injury or death to you and/or any bystanders in the vicinity when the firearm is loaded and/or fired. In all cases, you assume all liability for damages from any modifications made to your firearm.

If you have any doubt about your skills, ability, or understanding of the firearm and/or the tools in the AR15 Tactical Maintenance Kit, you must seek the assistance of an experienced armorer or gunsmith.

The tools in the AR15 Tactical Maintenance Kit are made from durable materials, but they are not indestructible. If damage occurs to a tool, do not attempt to continue using it. Using damaged build tools increases the potential for damaging gun components and personal injury.

SMART, ORGANIZED & FULLY EQUIPPED ON THE BENCH OR IN THE FIELD.

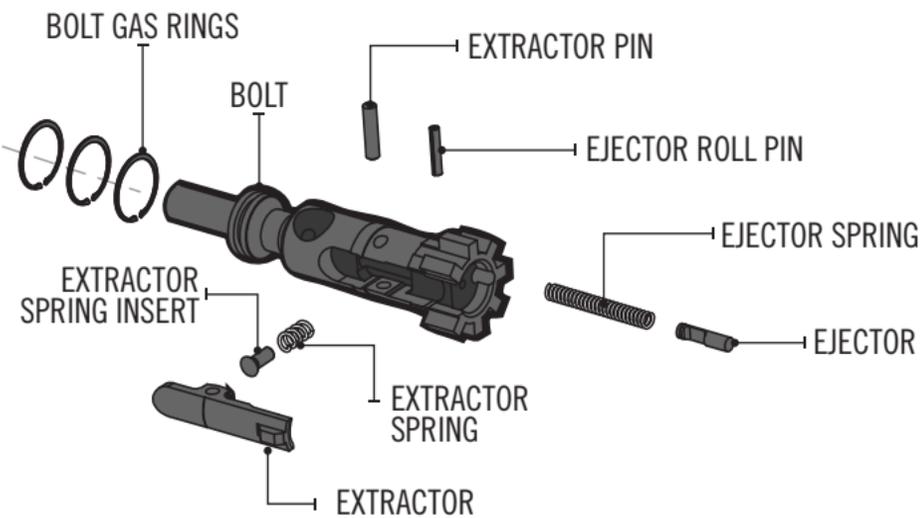
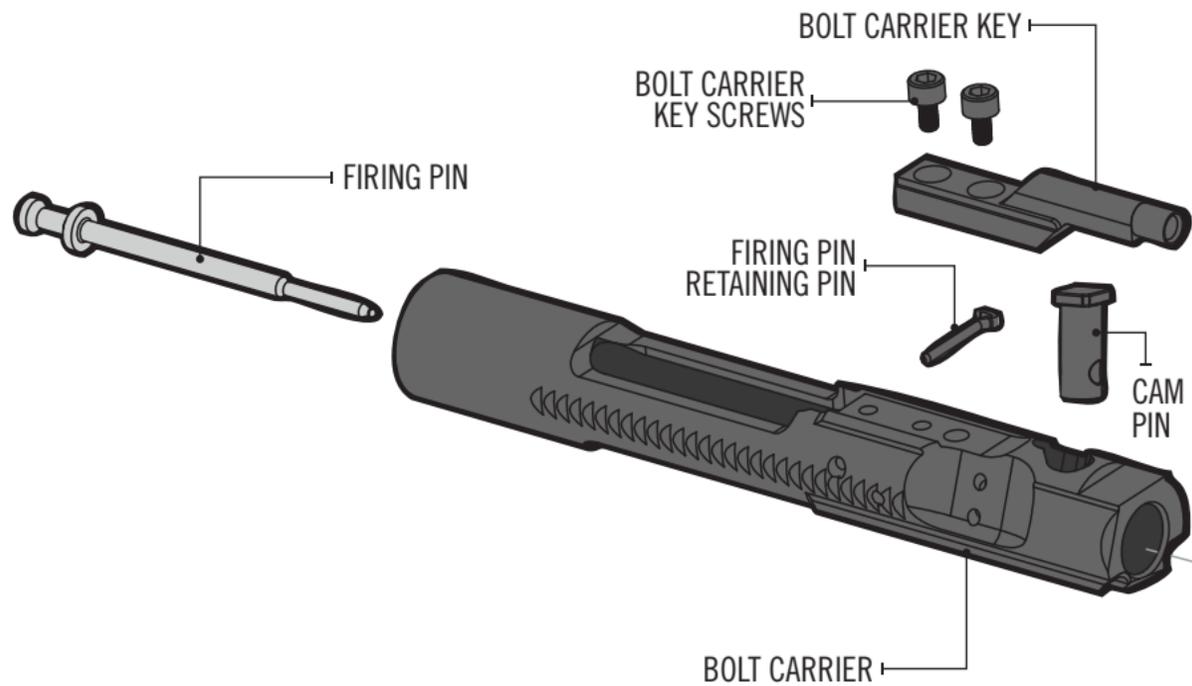
Critical to AR15 performance is the bolt carrier group (BCG), bore and chamber. Working in unison, when one goes down, they all go down. This smart, organized kit allows you to be fully equipped on the bench or in the field with all the tools necessary to properly maintain and clean your AR15. **Keep It Ready!**



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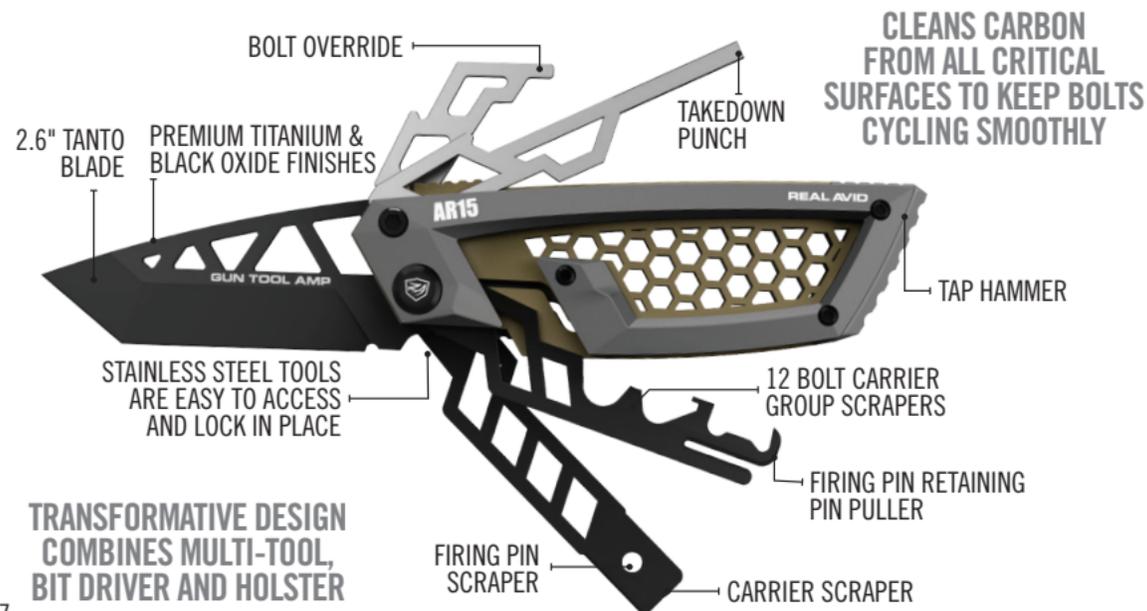
BOLT CARRIER GROUP (BCG)



AR15

GUN TOOL AMP™ AR15

For unexpected failures, jams and general misfortune, the 27 function Gun Tool Amp™ is a serious problem solver. Keep your AR15 up and running in the field, on the bench or at the range with features like specialized carbon scrapers for every BCG surface, a full array of common AR15 related bits and implements. Features a patent pending fold-out bit driver to make on the fly maintenance, adjustments and fixes a snap.



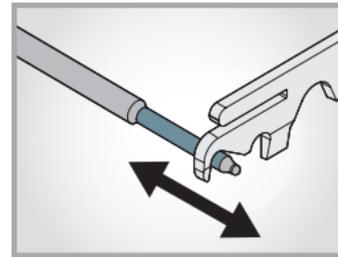
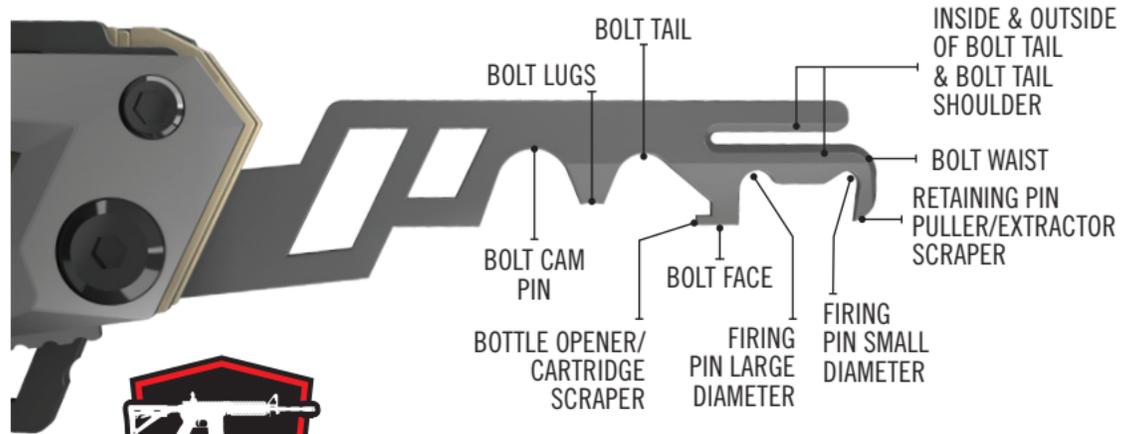
INNOVATIVE. GUN SPECIFIC. PACKED WITH FUNCTION.

INTEGRATED LOCKING, FOLD-OUT MAGNETIC BIT DRIVER

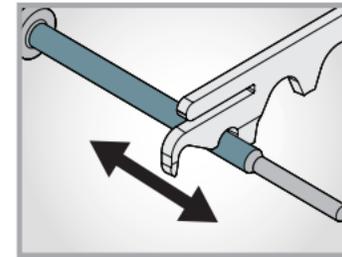


GUN TOOL AMP™ AR15 SCRAPER

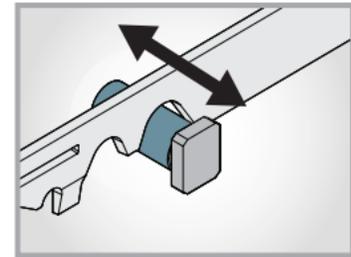
**PRECISION-MACHINED CARBON-ERADICATING
SCRAPERS FOR YOUR TACTICAL FIREARMS.**



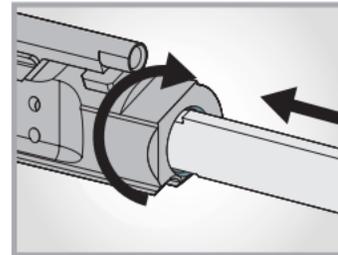
1: Small diameter of firing pin



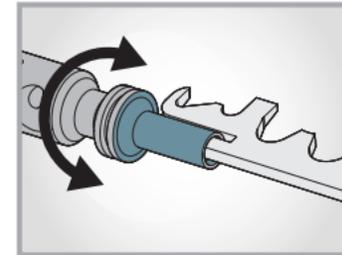
2: Large diameter of firing pin



3: Bolt cam pin



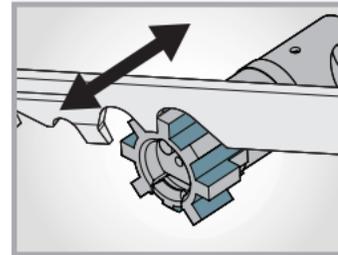
4 & 5: Two interior bolt carrier surfaces



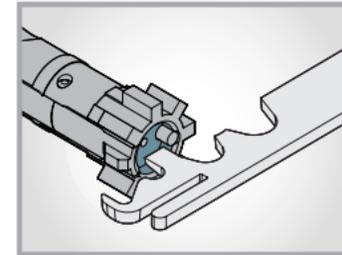
6, 7 & 8: Inside and outside of bolt tail & bolt tail shoulder



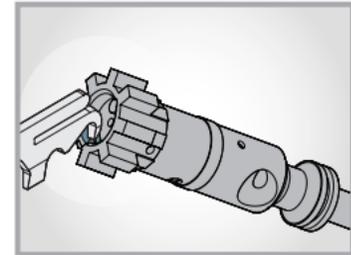
9: Bolt waist



10: Between lugs



11: Bolt face



12: Behind cartridge extractor

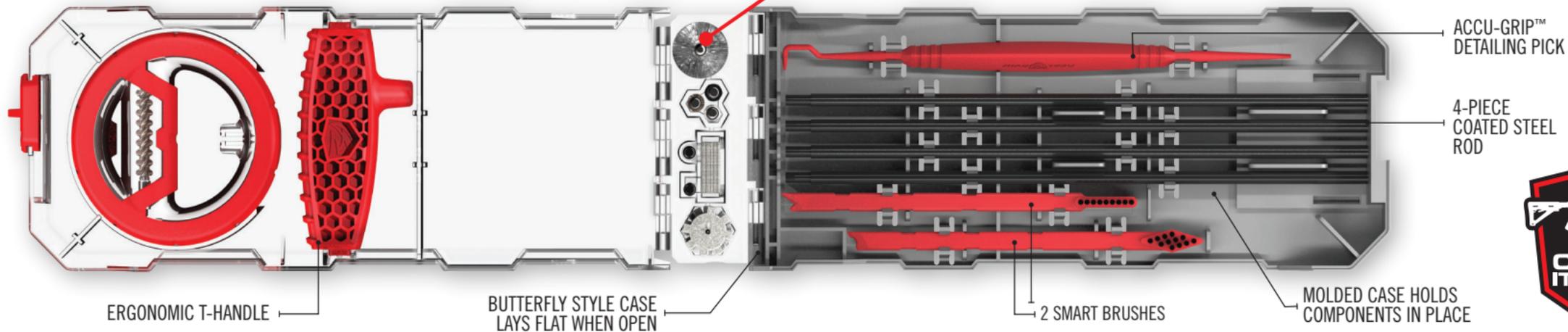
GUN BOSS® MULTI-KIT

DOUBLE DUTY CLEANING SYSTEM

Home and field double duty .223/5.56 specialized gun cleaning kit. Kit includes the Bore Boss for a quick clean any time you shoot your gun, and an expanded gun cleaning kit with all the tools you need to fully clean bore, action and chamber.

BORE BOSS®
FIELD READY. FAST & EASY WAY TO CLEAN
YOUR BORE EVERY TIME YOU SHOOT.

EXPANDED GUN CLEANING KIT
ALL THE TOOLS YOU NEED TO FULLY
CLEAN BORE, ACTION & CHAMBER.



**HOME & FIELD
DOUBLE DUTY
PROFESSIONAL
GUN CLEANING KIT**

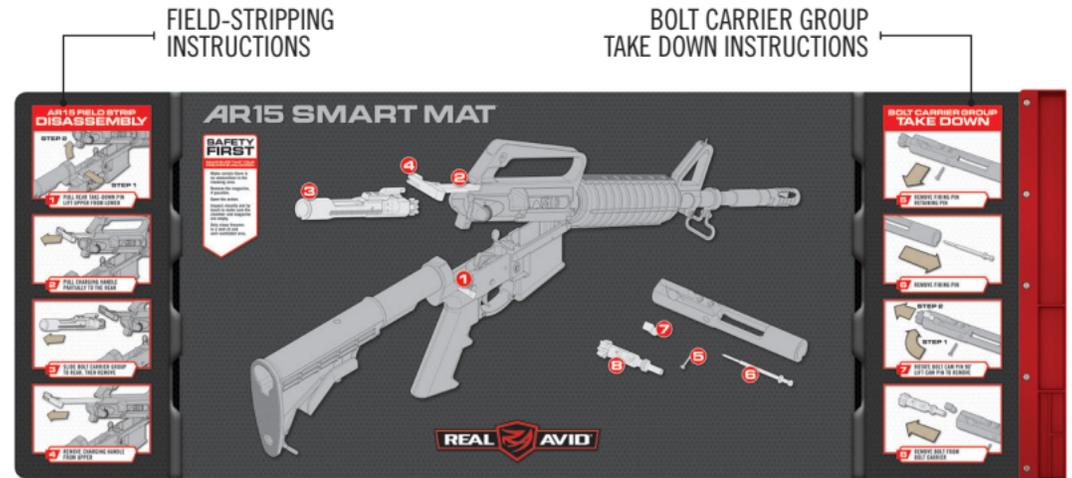


AR15 SMART MAT®

The Real Avid AR15 Smart Mat is a gun cleaning mat on steroids. It's large enough to handle a field-stripped AR15 with the visible instructions to guide you. The ingenious attached parts tray ensures your pins, bolts and springs are never lost again. And its no-slip backed mat, featuring an oil-resistant surface, allows you to properly clean your gun without ruining the kitchen table. This takes gun mats to the next level.



TABLE GRIPPING, OIL REPELLING, SHOCK ABSORBING, PARTS SECURING, AR15 CLEANING AWESOMENESS.



43" X 16" MAT WITH PARTS TRAY

PATENTED

THE MOST CAPABLE,
USER-FRIENDLY,
SMARTEST CLEANING
MAT EVER.

- Chemical resistant
- Shock absorbing protection for guns and table surfaces
- Integrated parts tray organizes pins, bolts and springs
- Magnetic compartment secures easy-to-lose micro parts

SMART-FIT® AR15 VISE BLOCK

The Smart-Fit AR15 Vise Block is the best lower receiver vise block you'll ever use. Magwell sizes have a notoriously wide range of tolerances, and traditional blocks create wiggle and wobble on a gun vise. Smart-Fit's design solves that. It expands to fit all MIL-SPEC AR15 magwells, making loose, sloppy fitting blocks a thing of the past. Insert the block into the magazine well and simply rotate the adjustment handle to tighten the fit. This block can also be used with an inverted lower receiver to work on pistol grips or allow easy access to the underside of your AR15. For hassle-free cleaning, we included the AR15 Pivot Lock for hands-free access to the chamber and barrel.

EXPANDING SECTIONS
CUSTOM FIT ANY MAGWELL

ADJUSTABLE
WEDGE MOVES TO
EXPAND BLOCK

MAGAZINE
LOCK

OVERSIZED
EDGE FOR
PRECISE FIT

**PATENT
PENDING**

KNURLED
TEXTURE FOR
IMPROVED
GRIP IN VISE

ADJUSTMENT
KNOB

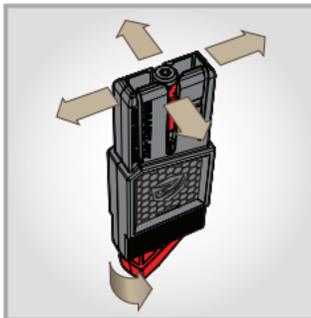


PLUS
AR15 PIVOT LOCK
SECURELY HOLDS
UPPER OPEN FOR
CLEANING

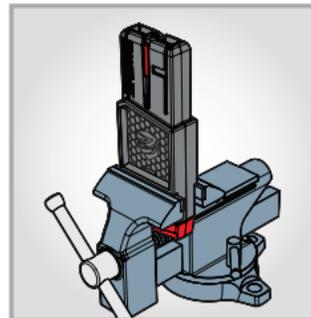


ADJUSTABLE FIT FOR ROCK-SOLID SUPPORT TO CLEAN, MAINTAIN, OR BUILD YOUR AR15.

VERSATILE WORK FUNCTIONS:



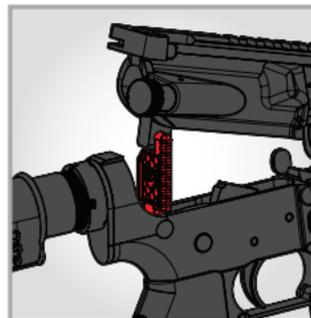
Insert block into magwell and rotate adjustment knob to expand block for precise fit



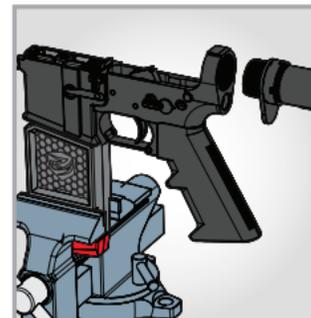
Vise block securely fits into bench vises



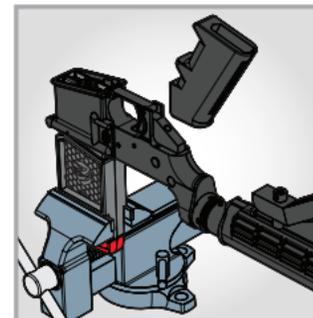
Securely holds gun while cleaning



Pivot Lock holds gun open to optimal cleaning position



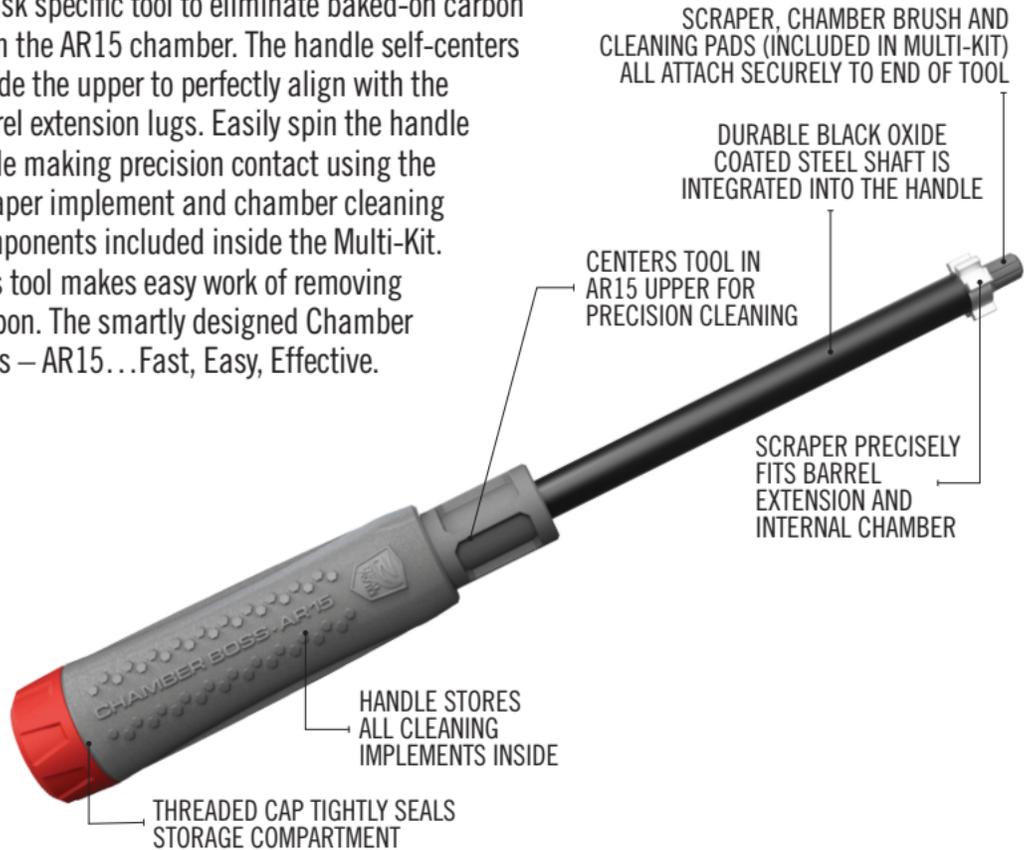
Steady base for installing or removing buffer tubes



Invert lower receiver for changing pistol grip

CHAMBER BOSS®-AR15

A task specific tool to eliminate baked-on carbon from the AR15 chamber. The handle self-centers inside the upper to perfectly align with the barrel extension lugs. Easily spin the handle while making precision contact using the scraper implement and chamber cleaning components included inside the Multi-Kit. This tool makes easy work of removing carbon. The smartly designed Chamber Boss – AR15...Fast, Easy, Effective.



SCRAPER, CHAMBER BRUSH AND CLEANING PADS (INCLUDED IN MULTI-KIT) ALL ATTACH SECURELY TO END OF TOOL

DURABLE BLACK OXIDE COATED STEEL SHAFT IS INTEGRATED INTO THE HANDLE

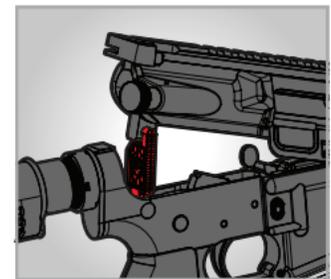
CENTERS TOOL IN AR15 UPPER FOR PRECISION CLEANING

SCRAPER PRECISELY FITS BARREL EXTENSION AND INTERNAL CHAMBER

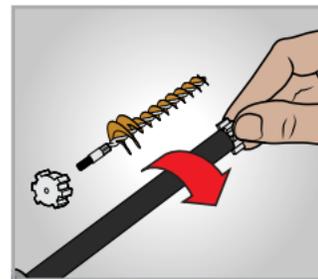
HANDLE STORES ALL CLEANING IMPLEMENTS INSIDE

THREADED CAP TIGHTLY SEALS STORAGE COMPARTMENT

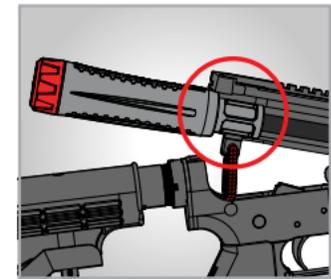
FAST & EASY CLEANING FOR THE HARD-TO-REACH AR15 CHAMBER.



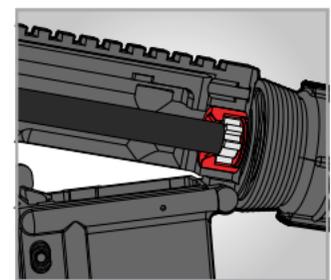
Use Pivot Lock to securely hold firearm open while cleaning.



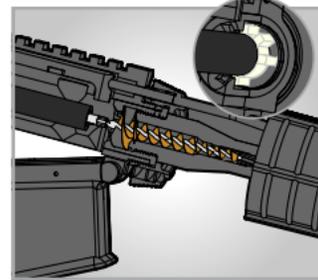
Cleaning implements are easily changed for fast, effective cleaning.



Insert self-centering handle into the upper until the handle seats against the upper. Cleaning tools rotate precisely inside the chamber.



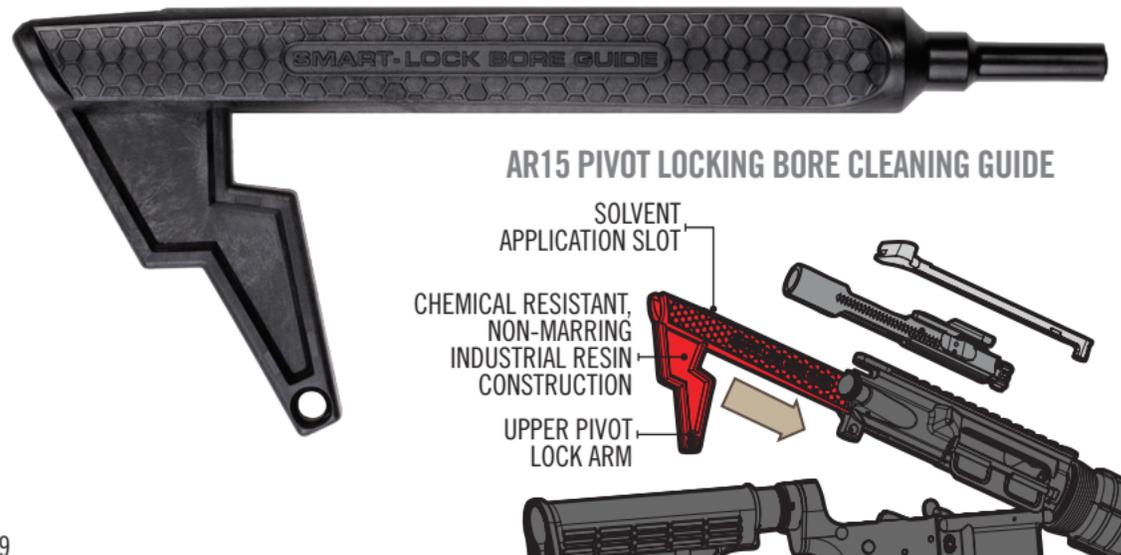
Use the precision scraper to loosen the thickest parts of built-up carbon.



Clean the carbon out of the corners with the AR15 chamber brush. Extract the loose carbon using the AR15 Star Chamber Pads soaked in CLP.

SMART LOCK™ BORE GUIDE

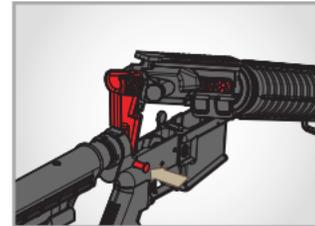
This clever design combines the ability to lock the AR15 upper open while perfectly aligning cleaning rods inside the barrel. The industry-first pivot-locking arm securely holds the upper open at an optimum angle for cleaning the bore. The Smart Lock Bore Guide protects the chamber and bore from accuracy-robbing damage by preventing the cleaning rod from bowing and rubbing the bore throat. By properly aligning the rod, it is easier to push tight patches through the bore. It reduces solvent and gunk from entering the action while scrubbing a dirty bore.



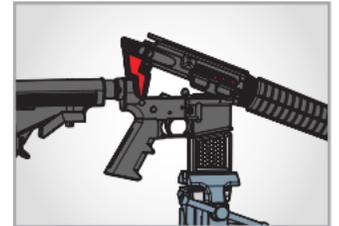
BORE CLEANING MADE EASIER, NEATER, SMARTER.



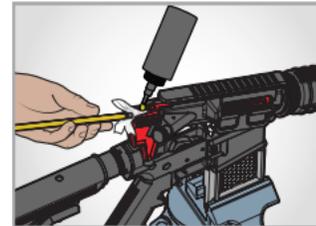
Remove bolt and insert the Smart Lock Bore Guide into the chamber



Snap takedown pin into place to hold the barrel in open position



We recommend mounting the gun on a bench vise



Solvent application slot restricts dripping into the action



Quickly and perfectly aligns the cleaning rod with the bore without rubbing on the bore throat



Pivot Lock provides third-hand capability to hold action of gun open while cleaning star chamber

“EXTRA HAND” CAPABILITY PLUS OPTIMUM PROTECTION OF BORE AND BORE THROAT

- Protects chamber and bore throat from damage while cleaning
- Keeps AR15 upper locked open at optimum angle for bore cleaning
- Restricts solvent leakage and keeps gunk out of the action
- Feeds cleaning rod into action
- Perfectly aligns cleaning rod and cleaning tips with barrel

AR15 FIELD GUIDE™

The AR15 Field Guide puts critical maintenance instruction in a compact, chemical resistant format. Loaded with easy-to-understand illustrations, it shows you how to disassemble the rifle for thorough carbon scraping and cleaning. It illustrates critical lubrication points to prevent common AR15 malfunctions.



AR15 – DETAILED, ILLUSTRATED HOW-TO INSTRUCTION

SAFETY, MAINTENANCE & WARNINGS

GUN TOOL AMP™ AR15

SAFETY: Before using any of Gun Tool AMP – AR15's implements on a firearm, you must **MAKE SURE THAT THE FIREARM IS UNLOADED AND SAFE** to work on. It is your responsibility to exercise caution during the use of this tool, especially when using the knife blade and scrapers.

Always direct the points, edges and cutting/scraping strokes away from yourself and others. It is your responsibility to ensure that every precaution is taken when using this tool.

Do not deploy more than one implement at a time and fully close or store each implement after use. To avoid injury, or damage to your firearm, check fitment of all implements carefully before use. Do not apply extreme leverage to any of the Gun Tool AMP – AR15's implements.

CARE & MAINTENANCE: Your Gun Tool AMP – AR15 should be cleaned, dried and re-oiled periodically. Clean with a mild solution of detergent and water, dry thoroughly, and oil pivot areas and metal surfaces with a lightweight machine oil or non-volatile penetrating oil. Avoid excessive oil on handles and remove overspray or spillage. Note that the implements are made of corrosion-resistant stainless steel, but no stainless steel is rust proof. If spots or stains appear, remove with a non-metallic abrasive pad and wipe with penetrating oil. Use caution to avoid harming the surface finishes. Like any other knife, the blade of the Gun Tool AMP – AR15 will require sharpening occasionally. If you are inexperienced or do not feel comfortable with sharpening, please do not attempt it. If necessary, please contact a local professional for assistance.

SMART-FIT®

SAFETY: Before using the Smart-Fit AR15 Vise Block on a firearm, you must **MAKE SURE THAT THE FIREARM IS UNLOADED AND SAFE** to work on. To avoid damaging your firearm, make sure that you are using a properly secured bench vise to hold the Smart-Fit Vise Block in place during use. It is your responsibility to exercise caution during the use of this tool, especially when applying torque.

TORQUE WARNING: This product is **NOT** intended to be used for high torque applications such as barrel nut installation. Do not apply excessive torque. For high torque applications like barrel nut installation we recommend the use of an upper receiver vise block like the Real Avid Lug-Lok Upper Vise Block.



Real Avid is the leader in DIY for Guns. We relentlessly invent superior problem-solving products that improve the experience of building, customizing, maintaining & cleaning guns.



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⚠ WARNING: This product can expose you to chemicals including Lead and Lead Compounds which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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