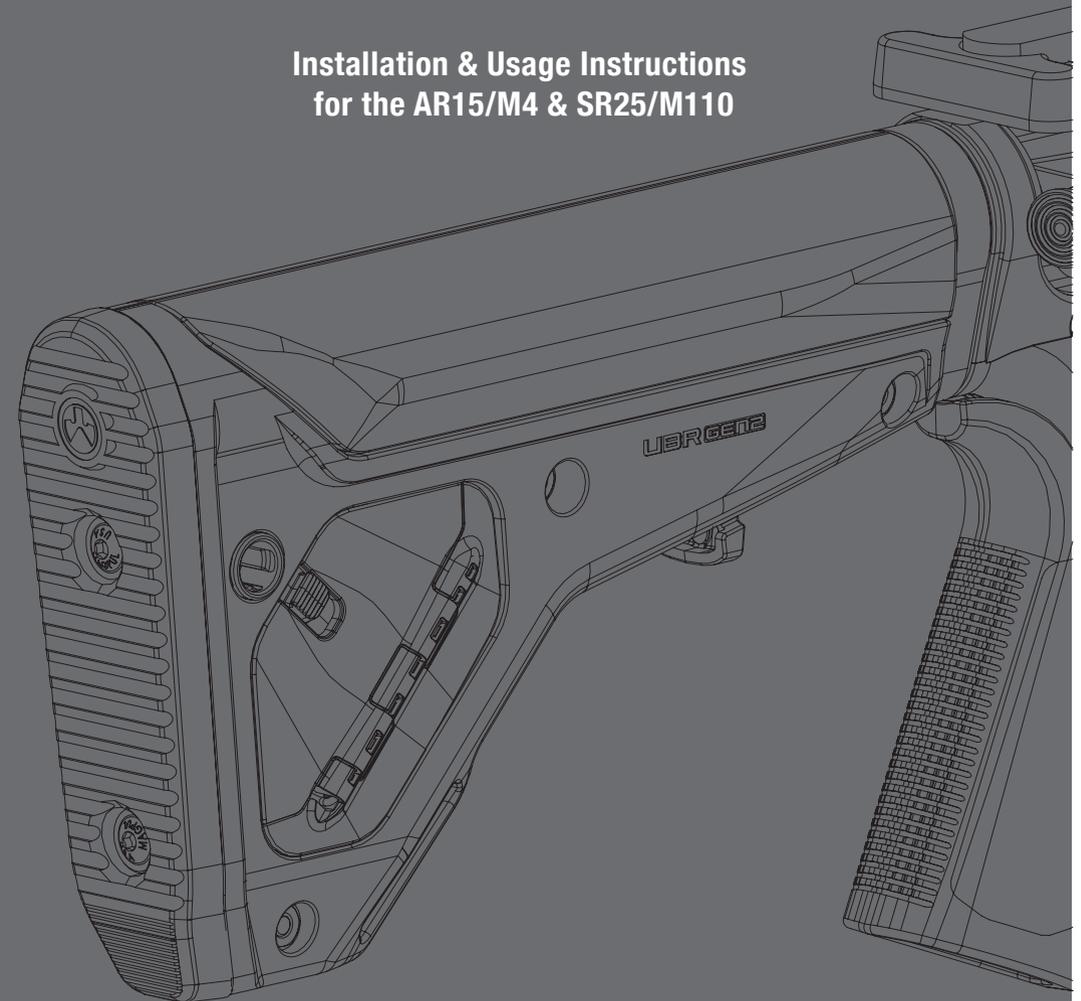


UBR[®] GEN2

UTILITY/BATTLE RIFLE COLLAPSIBLE STOCK

Installation & Usage Instructions
for the AR15/M4 & SR25/M110



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NOTICE: Observe safe firearm handling practices at all times. Failure to do so may result in grievous bodily injury or death. Magpul Industries shall not be responsible for injury, death or damage to property from misuse, illegal use or modification of this product.

The UBR® GEN2 mounts to rifles using the included Receiver Extension (Buffer Tube). Only a trained and qualified armorer/gunsmith should perform installation of this equipment. A castle nut wrench as well as a ½" torque wrench are required. To avoid weapon damage, thoroughly review instructions before attempting installation. For armorer guidelines on original equipment removal, please refer to US Army TM 9-1005-319-23&P Unit and Direct Support Maintenance Manual.

MAGPUL® UBR® GEN2 STOCK MISSION & INFORMATION

The Magpul UBR GEN2 (Utility/Battle Rifle), is a fully featured, adjustable buttstock for the AR15/M4. Unlike typical collapsing stocks, this proprietary design offers the stability of a fixed stock with a consistent cheek weld in any position. Seven-position length-of-pull (LOP) adjustment is quickly executed. A robust lock mechanism and multi-shell construction accommodates large-bore AR calibers while increasing durability and severe impact resistance.

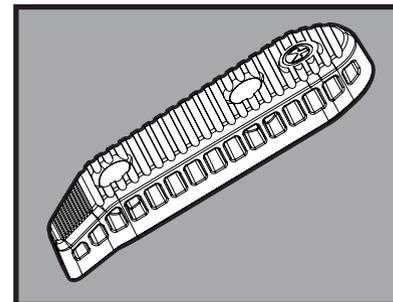
SPECIFICATIONS

WEIGHT (lb.)*		w/o Storage Doors 1.28 lb.		w/Storage Doors 1.34 lb.				
LENGTH OF PULL*								
POSITION	Retracted	1	2	3	4	5	6	7
LOP	11.75"	12.25"	12.75"	13.25"	13.75"	14.25"	14.75"	15.25"

*Weight and LOP measurements may be altered by the addition or removal of accessories such as QD Sling Mounts, Butt-pads, Storage Doors, etc. Add 0.375" to LOP with MOE SL® Enhanced Butt-Pad installed. Weights and measurements based on Colt M4.

OPTIONS & ACCESSORIES

The UBR GEN2 is available in Black, Flat Dark Earth, Stealth Gray, and OD Green, and can be configured with options and accessories depending on user needs. For customizing instructions using included accessories, see page 10. For more information or to purchase these and other accessories, visit www.magpul.com or any Magpul dealer.

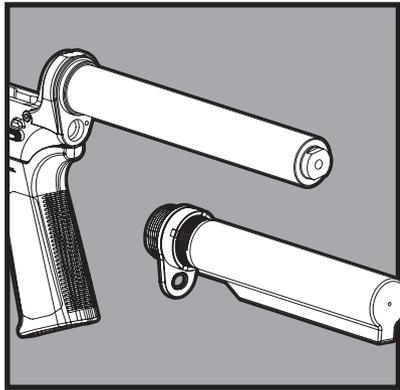


MOE SL® ENHANCED BUTT-PAD

The 0.70" thick butt-pad allows users to increase length of pull and help mitigate recoil on larger caliber weapons such as the AR-10/SR-25, shotguns and other large-bore AR calibers.

MAG349 | \$19.95

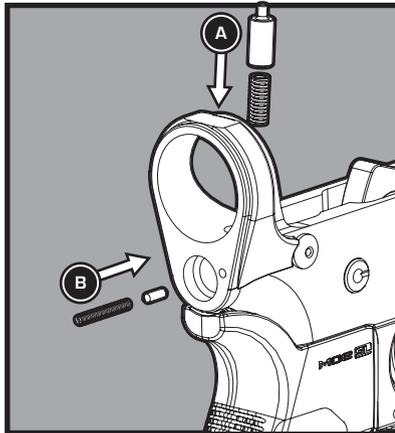
MAGPUL® UBR® GEN2 INSTALLATION INSTRUCTIONS



STEP 1: REMOVE ORIGINAL STOCK

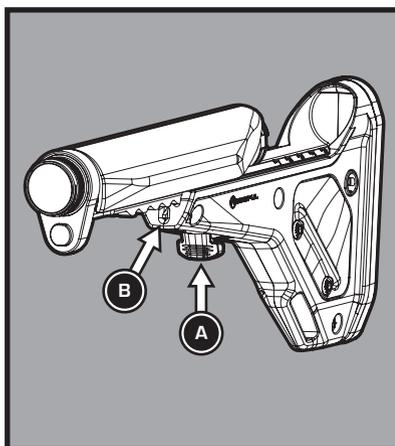
WARNING: BEFORE BEGINNING, MAKE SURE THE WEAPON IS UNLOADED, THE CHAMBER IS EMPTY, AND THE SAFETY ENGAGED.

Remove *upper receiver* from the weapon. Depress *buffer retaining pin* and remove the *buffer* and *action spring*. Remove original stock using care to prevent losing the *takedown pin spring* and *detent*. See Step 2 below.



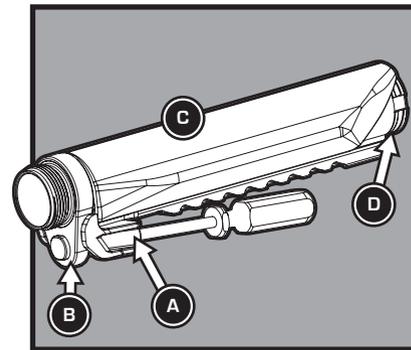
STEP 2: REMOVE ORIGINAL RECEIVER EXTENSION

Remove original *receiver extension* (buffer tube) making sure to retain the *buffer retaining pin/retaining pin spring* (A) and *takedown pin spring/takedown pin detent* (B).



STEP 3: DISASSEMBLE UBR GEN2 STOCK

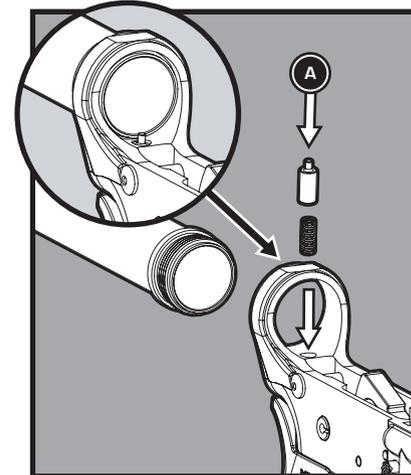
Remove the *UBR GEN2 Stock* from its packaging. Remove the *Main Tube Assembly* from the *Stock Body* by simultaneously pressing rearward on the *Release Latch* (A) and pressing up on the *Extension Stop Plate* tab (B) using the tip of a round, narrow screwdriver, or similar tool. Slide the *Upper Assembly* off the *Lower Stock Body* while holding the *Release Latch* in the full rear position and the *Extension Stop Plate* tab in the full up position.



STEP 4: DISASSEMBLE MAIN TUBE ASSEMBLY

Remove the *Cheek Piece* by using the included *Removal Tool* (packaged separately). Using a screwdriver, pin punch or another appropriate tool in the hole of the *Removal Tool* (A) place the *Removal Tool* behind the *ASAP® Plate* (B) with the two ears on the front of the *Cheek Piece* (C). Lever the *Removal Tool* away from the *Main Tube Assembly* to drive the *Cheek Piece* away from the *ASAP Plate*. The *Cheek Piece* is held on to the *Main Tube Assembly* with a tab on the inner surface of the *Cheek Piece* and a groove on the OD of the *Main*

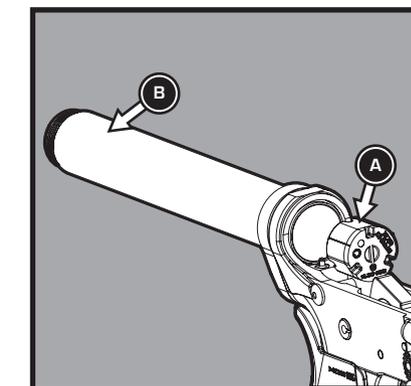
Tube Nut. (D) Once the *Cheek Piece* has been disengaged from the *Nut*, slide the *Cheek Piece* off the *Main Tube*. Unthread the *Nut* off the back of the *Main Tube Assembly*, slide the *Main Tube* off the *Receiver Extension* and finally remove the *ASAP Plate*.



STEP 5: MOUNT UBR'S RECEIVER EXTENSION (BUFFER TUBE)

Make sure *buffer retaining spring and retaining pin* (A) are correctly placed inside the *lower receiver*. Depress and hold the *buffer retaining pin* while screwing *UBR's Receiver Extension* (Buffer Tube) into the *lower receiver*. Using the square recess on the back of the tube, tighten with a 1/2" torque driver and torque to 35-39 ft-lb. Torque per US Army TM 9-1005-319-23&P Unit and Direct Support Maintenance Manual.

NOTE: DO NOT USE LOCTITE® OR OTHER LOCKING COMPOUND ON RECEIVER EXTENSION THREADS.

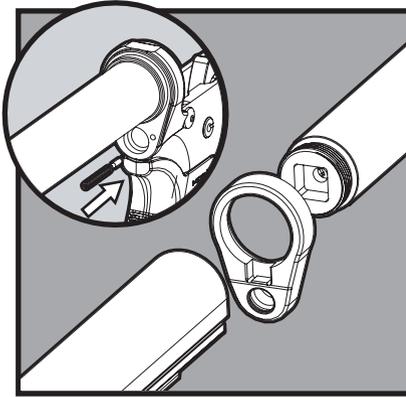


STEP 6: INSTALL BUFFER SPACER, BUFFER & ACTION SPRING

A *Buffer Spacer* (packaged separately) is included for use on M4 carbine recoil systems **ONLY!** When installing the *Buffer Spacer* (A) into the *Receiver Extension* (B) in a carbine recoil system, orient the *Buffer Spacer* so that the *buffer spring* will rest on the surface that reads "SPRING SIDE". Install the *carbine buffer* (standard, H, H2 etc.) and *carbine action spring*.

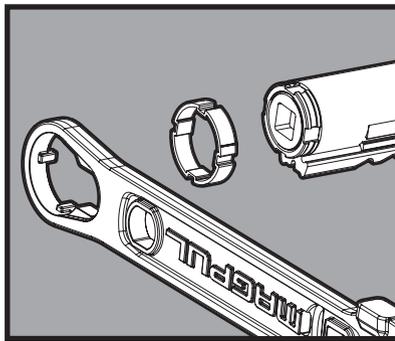
NOTE: Rifle buffers and action springs (like those used in A1/A2 stocks) DO NOT function with the UBR GEN2.

A5 Length Recoil Systems: The *Buffer Spacer* is not required for SR-25/AR10 systems which use standard AR/M4 carbine length buffers (3.25" long). Aftermarket A5 buffers and springs may also be used without the *Buffer Spacer*. Please contact techsupport@magpul.com for more information.



**STEP 7A:
REASSEMBLE MAIN TUBE ASSEMBLY
COMPONENTS ON RECEIVER
EXTENSION (BUFFER TUBE)**

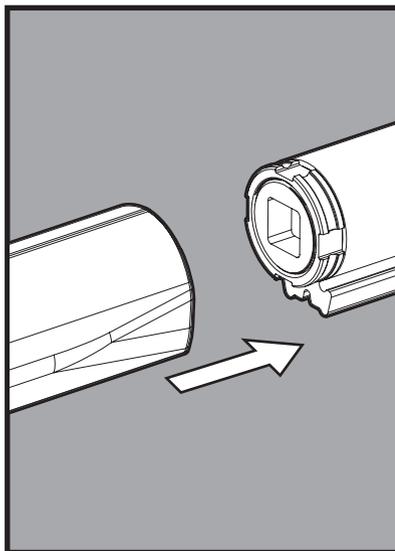
Verify the *takedown pin spring* and *detent* are placed correctly in the *lower receiver*. Slide the *ASAP Plate* over the *Receiver Extension* so that the slot and *QD Cup* is facing to the rear and the receiver key engages the keyway in the rear of the *lower receiver*. Slide the *Main Tube* over the *Receiver Extension* and ensure the tab at the front of the *Main Tube* engages the slot in the *ASAP Plate*.



**STEP 7B:
LOCK MAIN TUBE ASSEMBLY
COMPONENTS ON RECEIVER
EXTENSION (BUFFER TUBE)**

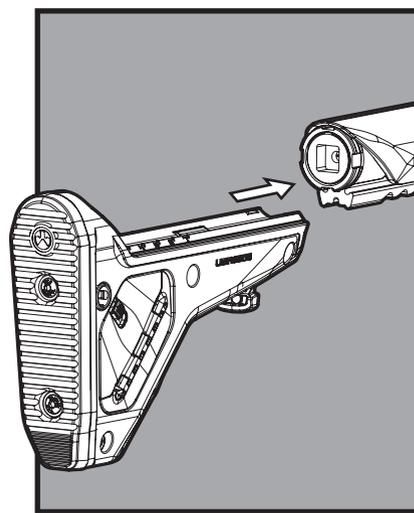
Thread the *Main Tube Nut* onto *Receiver Extension* threads and using the included *Adapter Tool* (packaged separately), and an armorer's wrench* tighten the *Main Tube Nut* to 20-25 ft-lb.

***NOTE:** Most receiver extension castle nut wrenches will work on the adapter tool.



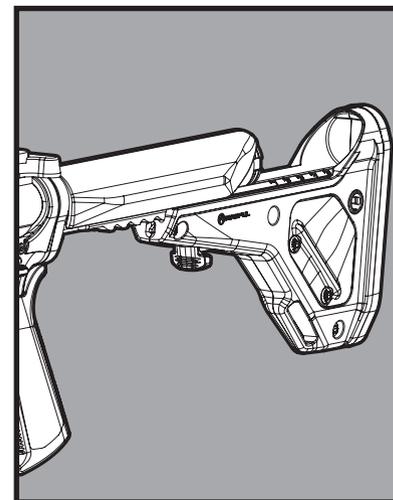
**STEP 7C:
ASSEMBLE CHEEK PIECE TO
MAIN TUBE**

There are two sets of alignment tabs on the inside surface of the *Cheek Piece* that mate with the slots in the sides of the *Main Tube*. To assemble the *Cheek Piece*, slide the straight end of the *Cheek Piece* over the *Main Tube Nut* and line up the *Cheek Piece* tabs to the slots in the side of the *Main Tube*. Push the *Cheek Piece* towards the *ASAP Plate*. Continue sliding the *Cheek Piece* down the length of the *Main Tube* and ensure that the second set of *Cheek Piece* tabs engages the slots on the side of the *Main Tube*. When the *Cheek Piece* is almost fully assembled, it may be necessary to lightly tap the *Cheek Piece* with a soft-faced mallet on the angled end so that the *Cheek Piece Locking Tab* engages the slot in the *Main Tube Nut*. The *Cheek Piece* will be flush to the back of the *ASAP Plate* when fully installed.



**STEP 8:
ASSEMBLE STOCK BODY TO
UPPER ASSEMBLY**

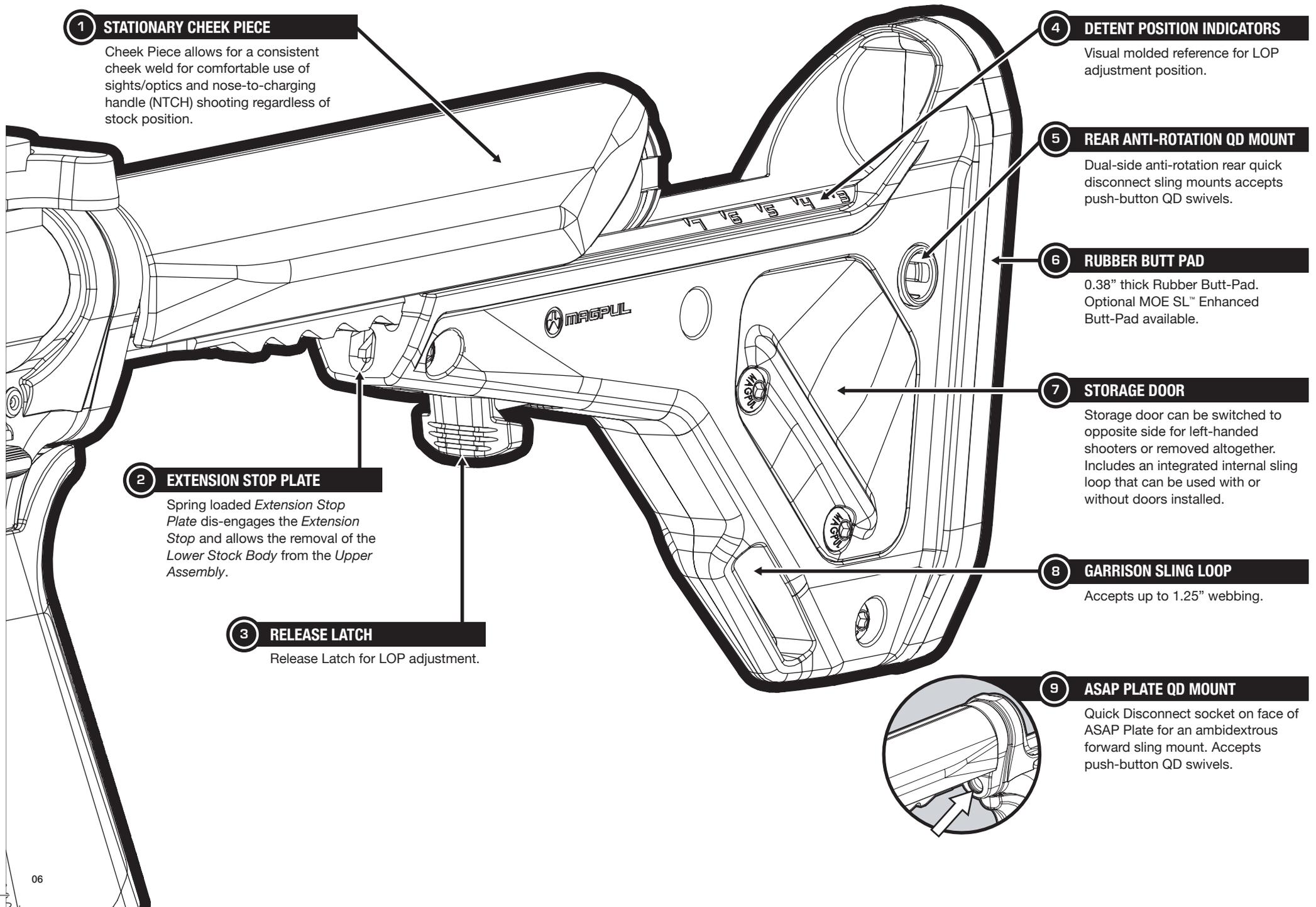
Assemble the *UBR Lower Stock Body* to the *Upper Assembly* by sliding the *Stock Body* on to the rails of the *Main Tube* in the *Upper Assembly*. When the *Stock Body* slides on to the rails, fully depress the *Release Latch* backwards to dis-engage the *Locking Pawls*. The *Stock Body* will then slide past the *Extension Stop* of the *Upper Assembly*. Releasing the *Latch* will allow the *Locking Pawls* to detent into one of the seven LOP (Length-of-Pull) position stops. The *Lower Stock Body* is now locked onto the *Upper Assembly*. To dis-assemble, see the section titled "REMOVING AND INSTALLING THE LOWER STOCK BODY FROM UPPER ASSEMBLY" in the USAGE INSTRUCTIONS section.



**STEP 9:
VERIFY INSTALLATION**

Verify operation of the stock adjustment by engaging the *Release Latch* and adjusting stock to any of the LOP position stops. The back of the *Main Tube Nut* will reference positions 3 through 7 on the side of the stock. Reassemble the weapon and perform final inspection and function check per US Army TM 9-1005-319-23&P Unit and Direct Support Maintenance Manual. If you experience any issues during installation please contact us at www.magpul.com for further information. Always test fire your weapon before using it in an operational environment.

MAGPUL® UBR® GEN2 FEATURES & CONSTRUCTION



1 STATIONARY CHEEK PIECE

Cheek Piece allows for a consistent cheek weld for comfortable use of sights/optics and nose-to-charging handle (NTCH) shooting regardless of stock position.

2 EXTENSION STOP PLATE

Spring loaded *Extension Stop Plate* dis-engages the *Extension Stop* and allows the removal of the *Lower Stock Body* from the *Upper Assembly*.

3 RELEASE LATCH

Release Latch for LOP adjustment.

4 DETENT POSITION INDICATORS

Visual molded reference for LOP adjustment position.

5 REAR ANTI-ROTATION QD MOUNT

Dual-side anti-rotation rear quick disconnect sling mounts accepts push-button QD swivels.

6 RUBBER BUTT PAD

0.38" thick Rubber Butt-Pad. Optional MOE SL™ Enhanced Butt-Pad available.

7 STORAGE DOOR

Storage door can be switched to opposite side for left-handed shooters or removed altogether. Includes an integrated internal sling loop that can be used with or without doors installed.

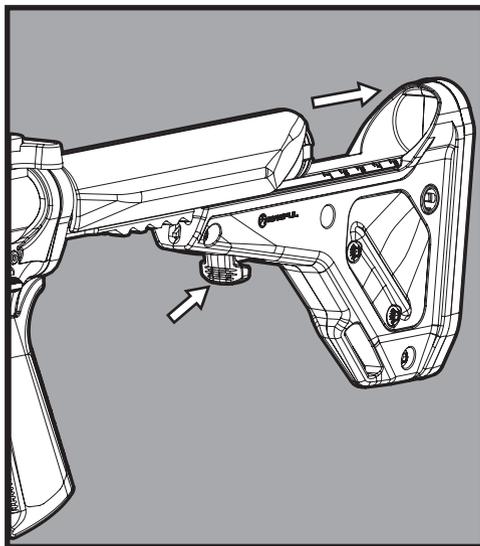
8 GARRISON SLING LOOP

Accepts up to 1.25" webbing.

9 ASAP PLATE QD MOUNT

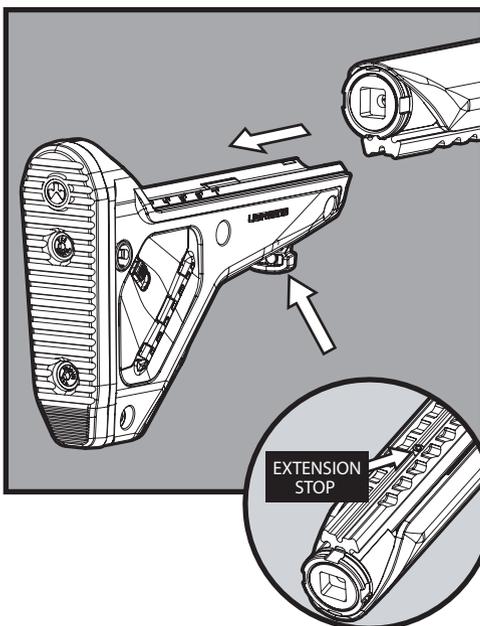
Quick Disconnect socket on face of ASAP Plate for an ambidextrous forward sling mount. Accepts push-button QD swivels.

MAGPUL® UBR™ GEN2 USAGE INSTRUCTIONS



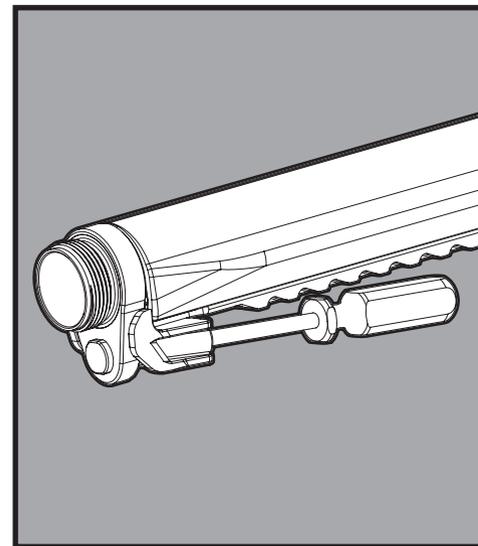
EXTEND/COLLAPSE STOCK

Fully depress the *Release Latch* and pull the stock rearward to extend, or push stock forward to collapse. The stock will extend until it hits the *Extension Stop*. Intermediate positions may be selected by depressing the *Release Latch* and ratcheting the stock to the desired position. Position Indicators (position 3-7 only) are molded into the *Stock Body* and line up with the back of the *Main Tube Nut* when locked into a detent position. Let go of the *Release Latch* and push the *Stock Body* forward to properly seat the locking mechanism.



REMOVING AND INSTALLING THE LOWER STOCK BODY FROM UPPER ASSEMBLY

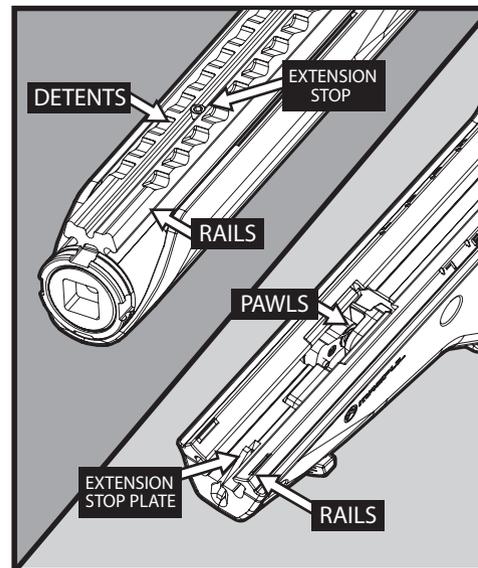
To remove the *Lower Stock Body* from the *Upper Assembly*, fully depress the *Release Latch* while also pushing up on the *Extension Stop Plate* tab and sliding the *Lower Stock Body* rearward and away from the *Upper Assembly*. To install the *Lower Stock Body*, just reverse the process by fully depressing the *Release Latch* while sliding the *Lower Stock Body* onto the rails of the *Upper Main Tube*. The *Extension Stop Plate* is spring loaded and will pass over the *Extension Stop* and lock into place.



CHEEK RISER REMOVAL FROM MAIN TUBE ASSEMBLY

It is necessary to remove the *Cheek Riser* from the *Upper Main Tube Assembly* when the stock is either assembled or removed from a weapon. A removal tool has been included to ease removal of the *Cheek Riser* which is held in place by a tab and slot interface between the *Cheek Riser* and the *Main Tube Nut*. To remove the *Cheek Riser*, first remove the *Lower Stock Body* from the *Upper Main Tube Assembly* by following the above instructions for Stock dis-assembly. Place the *Cheek Riser Removal Tool* under the *Main Tube Assembly* with the ears of the tool resting on the front edge of the *Cheek Riser*, and the tool's front edge against the back side of the *ASAP Plate*. Place a screwdriver shaft, pin punch, or other appropriate tool that will fit into the removal tool's 1/4" diameter hole and lever the tool

downward to push the *Cheek Riser* away from the *ASAP Plate*. Once the *Cheek Riser* tab and the *Main Tube Nut* slot locking feature has been dis-engaged, the *Cheek Riser* can be slid backwards off the *Main Tube Assembly*.



CLEANING & GENERAL MAINTENANCE

See above for *Stock Body* disassembly instructions.

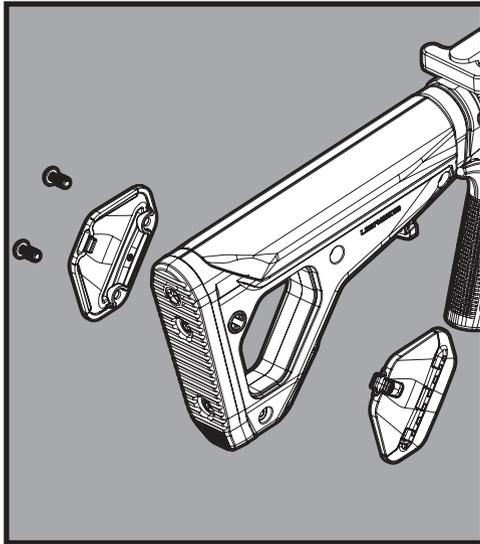
MAIN TUBE ASSEMBLY

Clean inside rails, locking grooves, and detents using a nylon brush or rag. WIPE OFF ANY OIL, CLP, OR CLEANING SOLVENTS AS THESE MAY ATTRACT DUST AND GRIME.

SLIDING STOCK BODY

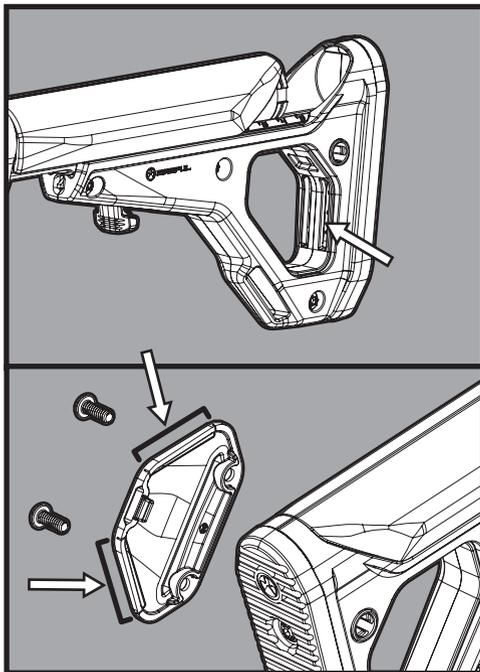
Use a nylon brush or rag to remove dust, dirt, or debris from inside the rails, grooves and locking detent mechanism. Apply a light amount of oil to *Lock Pawls* to provide smooth function. If necessary, use graphite lubricant in dry, dusty environments.

MAGPUL® UBR® GEN2 CUSTOMIZATION INSTRUCTIONS



STORAGE REMOVAL/ADJUSTMENT

The *Storage Door* and *Storage Cover* can be swapped from left to right, or removed completely, to adjust for user preference. To reconfigure the door and cover, use a $1/8$ " hex key to remove the two $10-24 \times 1/2$ " *Button Head Screws*. Swap the door and cover positions and reinstall screws. The *Storage Door* and *Storage Cover* can also be removed if a storage compartment is not required.



INTERNAL STORAGE COMPARTMENT SLING LOOP

A *Sling Loop* is integrated into the *Storage Compartment* and can be used with the *Storage Doors* installed or removed. Modification of the *Storage Cover* is required to use the *Internal Compartment Sling Loop* with the *Storage Cover* installed. A cut-out guide is molded into the *Storage Cover* on either side of the internal angled face for either right or left-handed shooters. Use a saw or high-speed rotary tool to carefully remove the material from the *Storage Cover* for a sling to exit the *Storage Cover* when installed. Sanding or filing the cut-out area will prevent the sling from catching on sharp edges.

To assist in threading the webbing through the *Sling Loop*, use a length of tape (6-8") folded over the end of the webbing. Use the free end of the tape to pull the webbing through the *Sling Loop*.