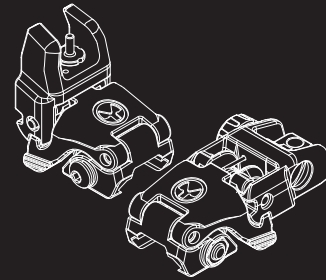


## MBUS™

The MBUS™ (Magpul® Back-Up Sight) is a robust and economical back-up iron sight solution. The MBUS™ fits all Picatinny rail equipped weapons but is specifically tailored to the AR15/M16 system. Only a trained and qualified armorer/gunsmith should perform installation of this equipment. To avoid weapon damage, thoroughly review instructions before attempting installation.

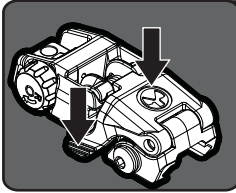


## MBUS™ MAGPUL BACKUP SIGHTS

Rapid Deploy Back-up Sights

WWW.MAGPUL.COM • 1.877.4MAGPUL • PO BOX 17697, BOULDER, CO 80308

### MBUS™ USAGE INSTRUCTIONS

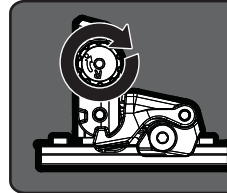


#### Deploy Sights

To deploy sights, depress the *Release Latch* by pushing down on the Magpul® logo or using the serrated side extensions. To stow sights, push down sight arm to original locked position.

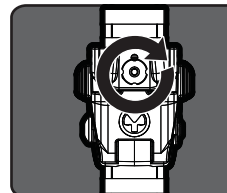
**NOTE:** Adjustments will vary with how far apart the front and rear sights are located on the weapon (sight radius). Adjustment values listed assume M4 sight radius of 14.5". See *US Army TM 9-1005-319-10 M16A2 Operators Manual*.

### MBUS™ ADJUSTMENT



#### Adjust Windage (Rear Only)

To adjust left-right point of impact use *Windage Adjustment Knob* on right side of rear sight. Turn knob in direction indicated to move POI (Point Of Impact) to the right. Turn knob in reverse direction to move POI to the left. Each click adjusts the POI ~3/4 in. at 100 meters.



#### Adjust Elevation (Front Only)

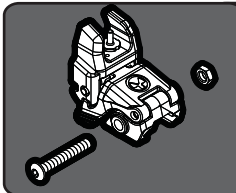
To adjust elevation (up-down point of impact) use *A2 Front Sight Adjustment Tool*. Turn sight post knob in direction indicated to move POI up. Reverse direction to move down. Each 1/4 rotation adjusts the POI ~1-7/8 in. at 100 meters. When position is found, insert spring pin to lock into place if desired (See Step 3).

### MBUS™ INSTALL INSTRUCTIONS

**⚠ WARNING:** Observe safe firearm handling practices at all times. Failure to do so may result in serious bodily injury or death. Magpul Industries shall not be responsible for injury, death or property damage resulting from faulty installation, misuse, illegal use, or modification of this product. For more information, visit the "Technical Resources" section at [www.magpul.com](http://www.magpul.com).

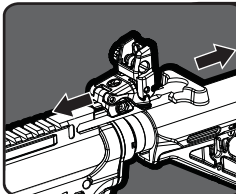
**⚠ NOTE:** Due to the nature of materials used, this product is not to be installed on any front rail gas block.

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



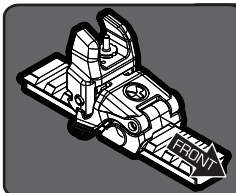
#### STEP 1 - Prepare Rail/Sights

Make sure rail is clean and free of debris. Remove 10-24 x 1-1/4" Button Head Cap Screw using a 1/8" Hex Key. Use care to retain the screw and the Hex Nut on the other side.



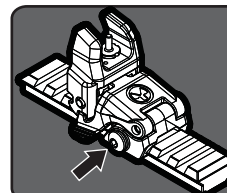
#### STEP 1.5 - Pull Back Charging Handle

*Charging Handle* must be held back when installing rear sight. The *Rear Sight* is intended to be installed only with the Magpul® logo oriented towards the front (as shown).



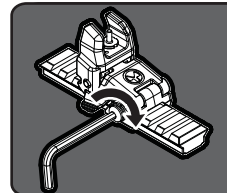
#### STEP 2 - Position Sights On Rail

Flip sight up before installation. Align *Sight Base* with end of *Picatinny Rail* and slide parts together until desired position is reached. Look down the mounting screw hole and make sure the sight base is aligned correctly with the slot. *Front sight* can work in either position but is intended to be installed with the Magpul logo oriented towards the front.



#### STEP 3 - Mount Sights

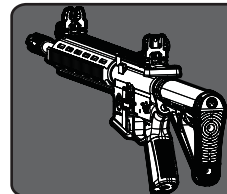
Install *Hex Nut* into recess on left side of *Sight Base*. Install 10-24 x 1-1/4" Button Head Cap Screw using the long end of a 1/8" Hex Key (see below). Install 3/32 x 3/8 spring pin to lock front sight post in place if desired. Longer 3/32 x 1/2 pin is included to accommodate taller front sight adjustment.



#### ⚠ IMPORTANT ⚠

When the head of the screw makes contact with the *Sight Base*, turn another 1/4 to 1/2 rotation, making sure not to exceed 1/2 turn.

*If there is concern of the bolt coming loose, it is ok to add a drop of blue Loctite® 242\**



#### STEP 4 - Verify Installation

Perform final inspection including function check per *US Army TM 9-1005-319-23&P Unit and Direct Support Maintenance Manual* to verify correct installation. If you experience any issues during installation, please refer to Magpul Technical Resources <http://www.magpul.com/tech/mbus.html> for further information. **Always test fire your weapon before using it in an operational environment.**

\*LOCTITE® is a registered trademark of Henkel Corp.