

# MEPROLIGHT® SIGHTS

## ML-31619

Night Sight System  
for AR15 and AR Clones  
Rifles  
With 4-Dot Rear Peep

- SET
- F.S.
- R.S.

### Installation Instructions

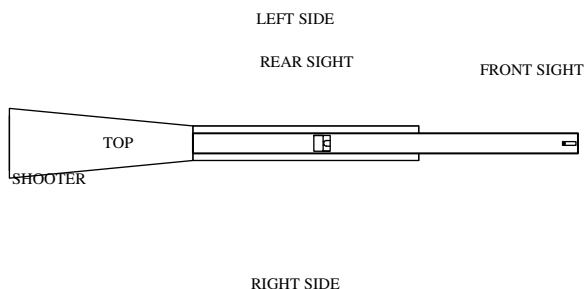
**WARNING:** This sight set contains a small quantity (44 millicuries or less) of radioactive tritium in gaseous form. No attempt must be made to disassemble the sights. If a sight is defective, please contact the distributor shown on the reverse side of this page for instructions – or, if outside the US, please contact your local distributor.

**WARNING:** Before starting, make sure the weapon is unloaded.

**NOTE:** BEFORE CONTINUING, READ WARRANTY AND RECORD LOT NUMBER (1 or 2 letters, normally found on the bottom of the front sight base).

If you are unsure about installing the sights or do not have the proper tools, contact a qualified gunsmith to perform the work.

**NOTE:** The sketch below is intended to present a visual representation of the orientation of the weapon and its sights.



### Front Sight Removal

Press the detent using any available pin - a straightened paper clip will do - and turn the sight counterclockwise, using a sight tool or pliers, until the sight is removed. Remove the detent and its spring, discard the detent but save the spring for installation of the new sight.

### Rear Sight Removal

Remove the retaining pin from the windage drum at the right hand side of the rear sight. Release the windage drum by unscrewing the rear sight screw at the left hand side of the sight. Once the screw is out, the rear sight can be removed. Warning: The windage drum spring and detent will pop out while disassembling the drum. Save the original parts for installation of the new rear sight.

### ML-31619 Sight – Installation

**CAUTION:** These sights contain small glass ampules (the tritium light inserts), and should not be subjected to severe direct impact. Use of a drift punch or other improper tools that damage the sights will void the warranty.

### Front Sight Installation

Insert the detent - it is slightly longer than the original one. Use the original detent spring. Carefully screw the new ML-31619 front sight in to about 2/3 of the thread's length. To perform this operation, the detent must be held and pressed downwards (use the end of a small screwdriver or other available means) so that it won't obstruct threading in of the sight.

### Rear Sight Installation

Align the new ML-31619 rear sight with the left and right hand holes in the rifle's handle and the light sources facing the shooter. Insert the rear sight screw through the left hand hole and the sight. Assemble the windage drum and align it with the right hand hole. Screw in the rear sight screw and secure it at the windage drum with the retaining pin.

### Sighting-In

**Warning:** Before each sight adjustment, make sure your weapon is unloaded.

### General

When sighting-in the ML-31619 sights, follow the standard M16/AR15 sight-in procedure. Sighting-in should be done in daytime, with the rear sight's peep hole segment in a position facing the shooter. We recommend that initial sighting-in be done at 25 yards, then at longer ranges.

### Front Sight

The front sight is composed of two parts - upper and lower - which rotate independently of each other when the detent is lowered, so that positioning the light source will not affect sight adjustment.

Raise or lower the entire front sight using any available means. The detent must be pressed and held downwards so that it will not obstruct turning the sight. After completing the height adjustment, press the detent low enough to free the upper half of the sight and rotate the top half of the sight until the light source is facing the shooter and the detent engages both the upper and lower pieces of the sight post.

### Rear Sight

Adjustment of the rear sight is identical to that of the original sight.

### Aiming

**DAYLIGHT** - Aiming under day light conditions is unaffected by the presence of tritium light sources embedded in the sights

**LOW LIGHT LEVEL** - The rear sight should be in the "low light level" position. When aiming, align the five green light spots (tritium light sources) so that the center light spot is on your target. The accepted practice for low light level aiming is to bring the weapon on the target by raising it from below.

## MEPROLIGHT® SIGHTS

Made in Israel  
Manufactured by:  
MEPROLIGHT

An ISO 9001 Quality Company  
ISO14001 environment  
OHSAS 18001 safety

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#### USA

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