

MEPROLIGHT® SIGHTS

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

ML-22771

**TRU-DOT® Adjustable
Night Sight System
for S&W
K, L & N Frame
Revolvers with
Pinned F.S**

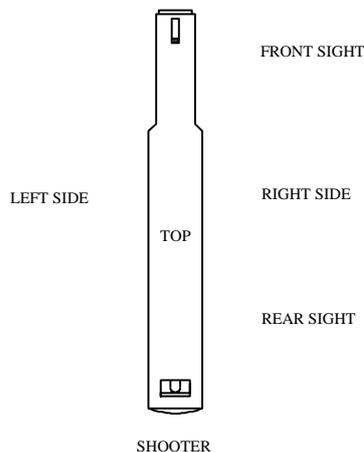
Installation Instructions

WARNING: This sight set contains a small quantity (54 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 surface of the rear sight).

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



Front Sight Removal

Clamp the slide in a vice or any suitable holding fixture. Using a hammer and drift punch, or other suitable tool, drive out the pin holding the sight blade and remove the blade from the sight cavity in the slide. Save the pin for assembly of the new front sight.

Rear Sight Removal

Once again, clamp the weapon in a vice or any suitable holding fixture. Using a suitable screwdriver, turn the sight adjusting screw clockwise and force it until the screw bolt snaps. Press the sight blade in the opposite direction to the screw bolt head until the other end of the screw bolt with its retaining nut protrudes outside. Grasp the retaining nut and unscrew it together with the (now) broken screw bolt to release the sight blade. If the nut does not turn together with the broken bolt, unscrew both of them separately.

CAUTION: A hole in the screw head houses the spring-loaded detent. While removing the screw, cover the detent hole in its head with a finger to prevent the detent and spring from popping out. Carefully remove these parts and save them for installation of the new sight blade. Remove the screw, pushing it slowly out with the sight blade.

ML-22771 Sights - 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

Place the ML-22771 front sight into the sight cavity such that the embedded tritium light is facing the shooter. To assure snug seating and positive holding, use any suitable clamp, taking care not to damage the tritium light.

One spring pin (1/16" diameter) is used for fastening the sight blade to the slide. We recommend that the sight hole be drilled .062" - .065", preferably staying to the smaller end of the range. Securely clamp the sight in place, and drill the hole in the sight blade using the existing hole in the sight ramp for a guide.

NOTE: This operation requires a suitable drill-jig. If not available, it is recommended that this operation be performed by your gunsmith.

After drilling the hole, remove the sight and carefully clean its (and the ramp's) surfaces from any gun oil residue with a suitable solvent - acetone or the like - and then wipe them clean and dry. Check the drilled hole and the area surrounding it to assure that there are no burrs or metal residue that might prohibit the ML-22771 front sight from seating properly.

Coat all contacting surfaces on the ramp and sight with a thin evenly distributed layer of LOCTITE®609 glue. Again, fit the ML-22771 sight into the sight cavity, align the holes and force the spring pin through the holes to lock the sight in place. Allow 8 hours for proper curing of the glue.

Rear Sight Installation

Remove the retaining nut from the ML-22771 rear sight blade assembly. Load the detent spring and detent into the detent hole in the adjusting screw head. Hold it with a finger and, with the embedded tritium lights facing the shooter, slide the sight-screw assembly into the sight blade housing. Screw on the retaining nut at the other end of the adjusting screw.

In order to permanently fasten the retaining nut to the adjusting screw, it is necessary to deform the end of the adjusting screw. Make sure that the retaining nut has been threaded completely in place. Then, while resting the sight on a firm hard surface, place a tapered pin into the cavity in the screw's end, and tap it lightly with a hammer to deform the screw end.

MEPROLIGHT® SIGHTS

Made in Israel

Manufactured by:
MEPROLIGHT

An ISO 9001 Quality Company
ISO14001 environment
OHSAS 18001 safety

For inquiries, please contact:

USA
e-mail: sales@meprolight.us
e-mail: support@meprolight.us
www.meprolight.us

International (Except The USA)
e-mail: sales@meprolight.com
e-mail: support@meprolight.com
www.meprolight.com

REV H