

MEPROLIGHT® SIGHTS

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

ML-10991

TRU-DOT® Night Sight
System for RUGER
Pistols
P90, P91, P93 & P95

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.

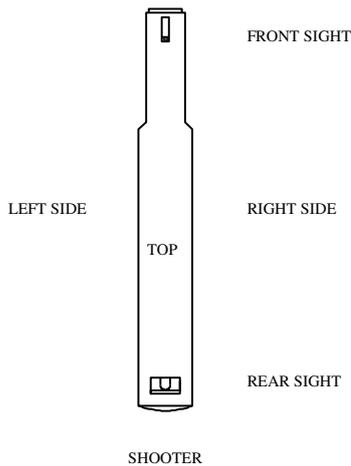
WARNING: Before starting, make sure the weapon is unloaded.

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

Strip the pistol in accordance with the manufacturer's standard procedures. Removal of the old sights and installation of the new ones is performed on the slide.

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

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

Rear Sight Removal

Remove the screw which is holding the sight in place, and save it for assembly of the new rear sight. If needed, use a sight pusher from the left side to force the sight out of its dovetail recess.

NOTE: Do not use a drift punch to remove tritium sight being returned for evaluation under warranty. Damage caused by a drift punch may void the warranty.

ML-10991 Sights - Installation

CAUTION: These sights contain small glass ampules (the tritium light inserts), and should not be subjected to severe direct impact. To avoid damage, install the sights using a sight pusher designed to push on the area of the sight's base or dovetail, and not high up where the light inserts are housed. Use of a drift punch or other improper tools that damage the sights will void the warranty.

Front Sight Installation

Place the ML-10991 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.

Two spring pins (1/16" diam) are used for fastening the sight blade to the slide. We recommend that the sight holes be drilled .062" - .065", preferably staying to the smaller end of the range. Securely clamp the sight in place, and drill the far hole in the sight blade (toward the end of the barrel) 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 holes and the area surrounding them to assure that there are no burrs or metal residue which might prohibit the ML-10991 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-10991 sight into the sight cavity, align the holes and force the spring pin through the holes to lock the sight in place.

Once again, securely clamp the front sight in place, making sure that it is flush with the slide surface. While maintaining this alignment, drill the near hole in the sight blade, and install the second spring pin accordingly. Allow 8 hours for proper curing of the glue.

Rear Sight Installation

Make sure that the ML-10991 rear sight fits into the dovetail recess. If the sight does not fit, carefully reduce the width of the sight's dovetail, using a fine file.

Fit the sight into the dovetail recess from the right side, such that the embedded tritium lights are facing the shooter. To adjust the rear sight, tap it slightly in the desired direction using a drift punch, if necessary. After centering the sight, tighten it in place by use of the screw which was removed during disassembly of the original sight.

MEPROLIGHT® SIGHTS

Made in Israel

Manufactured by:
Meprolight

An ISO 9001 Quality Company
ISO14001 environment
OHSAS 18001 safety

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