

No. 20 MJT Front Sight

The Lyman No. 20 MJT Front Sight is provided with (7) interchangeable inserts as a companion to the No. 90 MJT receiver sight. They make an excellent combination for both target shooting and general use.

To Install The No. 20 MJT Front Sight

1. To remove the Front Sight in place on your firearm:
Use a non-marring brass drift to tap out the factory front sight.
(Left to right as viewed from the receiver)
2. Align the No. 20 MJT and tap into place from right to left.
If the fit of the sight in the dovetail is too loose, remove the sight and peen down the lips of the dovetail slot lightly and evenly.
Try the sight again. Repeat until the sight is snug.
3. If the front dovetail slot is too small, it will have to be opened with a triangular file. This condition is common with imported rifles and you may wish to have a gunsmith fit the new front sight.

Seven Anschutz compatible inserts are included with the No. 20 MJT. Five disc types with the following aperture diameters:

- .126 (3.2mm)
 - .133 (3.4mm)
 - .154 (3.9mm)
 - .161 (4.1mm)
 - .169 (4.3mm)
- and two post types:
- .067 (1.7mm)
 - .102 (2.6mm).

Lyman®

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Users Manual For

20 MJT 7/8" Diameter Target Front Sight and 90 MJT Universal Target Sight

No. 90 MJT Universal Target Sight

The Model 90 MJT Target Receiver Sight has been designed to mount on Lyman or Williams FP mounting bases. The sight is packaged with the slide removed from the sight block. To install the slide, it is recommended that the sight block be attached to the mounting base on the receiver first. The slide can then be inserted by pressing the quick release button and inserting the slide into the sight block. The sight block has two mounting screw holes for the attaching screw. This allows forward and backward adjustment so that the shooter can properly position the sight for best eye alignment. Detailed instructions for using the quick slide release feature of the Model 90 MJT - 57 and 66 Receiver Sights are listed on the page three of the attached instruction manual.

The 90 MJT features micrometer click adjustments for both windage and elevation. The target knobs are marked with bullet impact movement direction arrows. Each click of adjustment (1/4 minute) moves your group 1/4 inch at 100 yards - 1/8 inch at 50 yards. 1/4 minute click adjustment graduations are marked on the elevation and windage knobs. The elevation knob is also numbered in 1- inch (4 clicks) increments. See page 5 and 6 of the attached manual for detailed sight adjustments and sighting in instructions.

Base Selection

The 90 MJT is a Universal Receiver Sight designed to mount on any rifle using the proper mounting base for your rifle (see base selection chart). Once the base is mounted on the rifle, the 90 MJT can be attached or removed quickly with the knurled, coin slotted, sight-attaching screw. This feature allows the 90 MJT to be used on many rifles fitted with the appropriate mounting base. See chart:

Mounting Base	Model Of Gun
540	Fits Marlin 2000, Remington Models 540-X, 541-S, 580*, 581*, 582*
510	Fits Remington Models 510*, 511*, 512*, 513-T, 521-T
52	Fits Winchester Model 52-D
75	Fits Winchester Model 75
64	Fits Savage/Anschutz Model 64' and Mark 12'

*Drilling and Tapping required.

Note: Mounting base #540 is available from Lyman. Bases #510, #52, #75, and #64 are available from Williams.

Mounting the 90 MJT

Some of the rifles for which the No. 90 MJT Bases are designed are already drilled and tapped. In such cases, simply remove the dummy screws and attach the sight base, using the screws furnished with the base. For rifles that require drilling and tapping, proceed as follows:

1. Remove the barrel and receiver from the stock.
2. Place base on receiver in position and fasten by means of clamps and square up so that the windage arm will be horizontal or tipped to 1°. Be sure that base is located so that it will not interfere with the function of the bolt.
3. Spot hole with No. 26 drill* (same size as screw hole) and then drill with No. 31 drill, tapping with special tap 6-48 N.S. thread. Put in screw, tighten, and then proceed with second screw hole.
4. If it is necessary to cut the stock, leave slight clearance around the sight so that the wood does not touch the sight in any place. This is to prevent loosening of sight from jar of recoil.

Elevation scale and windage scale can be zeroed by loosening binding screws.

* The receivers of some rifles may be case hardened, having a very hard outer shell. The metal under this shell is soft, but it is necessary to overcome this hard surface before drilling. This can be accomplished in either of the following ways, exercising particular care before grinding, annealing or drilling to see that the sight base will be in its proper position.

1. Brighten the spots you wish to anneal and then use a needle flame acetylene torch for annealing. Any experienced welder can do this work.

Or:

2. Grind away, with an emery wheel, the hard shell around and over the spot to be drilled. The base of the sight will cover the spots where the wheel touches.