

LTR20 STOCK FITTING

The LTR20 receiver is designed to fit most Ruger style stocks. Since there are many aftermarket stocks, it is difficult to provide a LTR20 receiver that will fit every stock without custom fitting.

Receiver Fitting

The LTR20 receiver is manufactured to fit the loosest internal dimensioned stock available. This may require modifications to fit a stock that has tighter internal dimensions. The LTR20 receiver is manufactured from a polymer that can be easily filed, ground or cut, to reduce the external dimensions and there is plenty of material that it will not affect the performance of the LTR20.

There are two key areas of the LTR20 that usually interfere with a proper fit to the stock; the rear side rails and the rear tang.

The side rails support the LTR20 receiver tight in the stock. If the LTR20 does not fit down into the stock low enough, the rails can be reduced to allow the LTR20 to fit into the receiver.

Side rails can be reduced or ground off completely to fit the stock



The rear tang, located on the trigger set, fits into the rear opening of the stock. This fits into the stock so the LTR20 rotates into the stock. If the front of the LTR20 does not easily rotate down into the stock, the top of the rear tang may be too high. The top of the rear tang can be lowered.



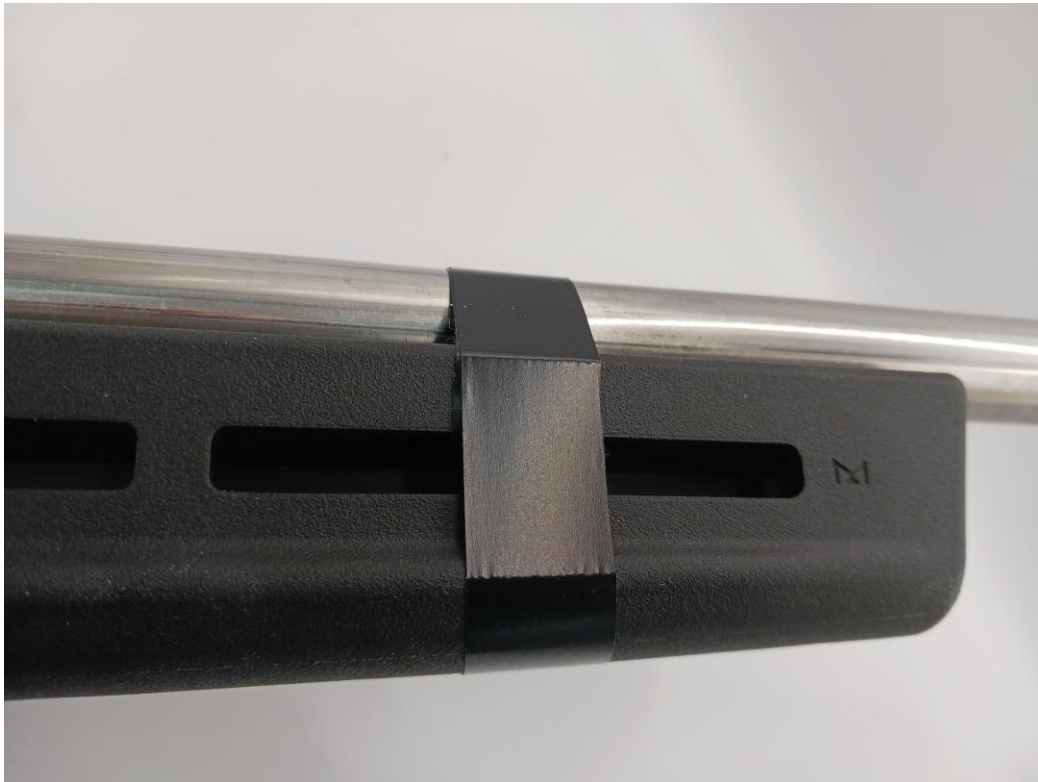
Stock can be removed from on top of the tang to fit into the stock.

Barrel Fitting

The barrel of the LTR20 is 3/4" diameter. This may not readily fit all stocks but with a little "rigging" it can be made to work.

The LTR20 requires use of after-market sights. When the sights and laser are aligned with the LTR20 receiver/barrel assembly, the laser is aligned with the sights but there can be some flex between the barrel and the receiver. To reduce the flex, the barrel should be secured to the stock.

There are many methods to secure the barrel in the stock. It may be necessary to support the barrel of the LTR20 even if the stock is originally designed as a free floating stock. If the barrel is a smaller diameter than the stock support, one method is to use a foam tape or shim between the stock and the barrel then wrap vinyl tape around the barrel and stock. Not the prettiest solution, but simple and effective.



Barrel shimmed and taped down