

Installation

Rev:3/29/23

Caution: Always make sure that firearm is completely unloaded before performing any work.

Congratulations and thank you for purchasing this device for your firearm. When properly installed and used, the folding stock or armbrace should provide many years of dependable service. These instructions are provided to explain the installation process.

Tools Needed

Steel Hammer
0.187" – 0.220" Pin Punch ***See note
#1 drill (0.228")
0.232" - 0.240" Reamer (or drill bit)
Drill Press with vice
Rubber Mallet
glue and/or sandpaper (possibly needed)
Anvil, calipers, and belt sander may also be helpful

***Note: These sizes assume your receiver uses the historically standard 6mm diameter split pin. If different, all sizes should be adjusted accordingly

Procedure

This whole procedure is probably simplified by removing the pistol grip, trigger group, and selectors beforehand. The pictures taken here were taken during an installation with all hardware remaining (except top cover) to show that it is possible as long as you carefully avoid leveling or clamping on top of the selector or thumb selector during each step.

Remove the existing stock assembly by using hammer and punch to push out the existing split pin. Once the split pin is removed, the existing stock should slide out. This may require some twisting, pulling, or even tapping judiciously with a rubber mallet depending on tightness.



Next, check the tightness of new stock base in the receiver mount hole. If it is tight enough that it has to be tapped with rubber mallet to get flush to back of receiver, your in luck! You may be able to just drill it with no additional fitting. Otherwise, if it is loose, we recommend that you glue the base into the receiver and drill the cross hole after the glue dries. If it is very tight right from the start, don't force it all the way in or you may lose the ability to adjust the twist before drilling. Also the new stock would be unnecessarily difficult to remove again. In this case, use sandpaper to reduce the outside diameter of mount hub on new stock hinge base.



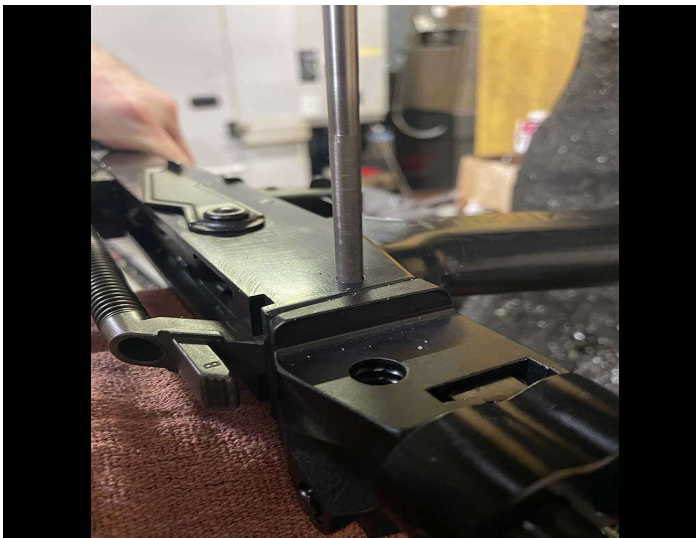
Either way, before drilling (and before any glue sets), view the firearm from every possible angle to ensure that the new stock will have the correct twist (axial rotation) and gently tap on it to achieve.



Now use some method to ensure that the receiver lays exactly flat on a drill press bed. Here, we laid it on top of a flat vice with the jaws opened enough to give space that the drill could pass into. Using the existing pin hole in your receiver as a guide, drill completely through the new hinge base. For this, we used a .228" drill that was small enough that it wouldn't try to cut into the hardened receiver side wall.



For a tight fit, you need to ensure that the cross hole is same size all the way through the receiver and hinge base. For this purpose we chose to ream just above the size of our existing hole in the receiver. Different receivers may vary but they historically use a 6mm pin (.240") so the proper reamer will probably be somewhere between 0.232" - 0.250". A drill bit can be used here instead of reamer but extra caution should be exercised during the drilling process (especially when the bit breaks through the receiver walls) because the drill would tend to "grab" and possibly jerk the drill and/or receiver. This can break the drill, spin the receiver, or bog down the drill press causing an unsafe condition and possibly damaging your firearm.



Once the hole is drilled, simply drive the pin back into place with steel hammer and set it just below flush with a pin punch.



We wish you all the best with your gun build and thanks for your support!

CNC Warrior Product Development

**** The determination of the suitability of any product for certain specific use is the responsibility of the purchaser.

All firearms are potentially dangerous and can cause personal injury or death.

IT IS YOUR responsibility and legal obligation to properly handle, load, unload, use, transport, maintain, and store your firearm in a safe manner so as to prevent its accidental discharge. Likewise, parts for firearms are also potentially dangerous if installed improperly and can cause your firearm to malfunction and accidentally discharge.

Appropriate eye protection must be worn before attempting to work on any firearm.

No liability is expressed or implied for the damage or injury as a result of improper installation or use of this product.

Warranty is limited to the replacement of this product only.