



Gunsmith installation suggested.



Wear safety glasses. Make sure that the firearm is pointing in a safe direction and ensure that it is unloaded. Remove ammunition from your work area. Visually ensure that the chamber has no ammunition again!



Installation:

The Carbon Arms 22 Upper is designed to attach directly to a standard AR-15 lower. The only .22LR specific parts are the bolt carrier group and barrel. The buffer tube assembly serves no purpose and can be removed or left installed. Cock the hammer on the lower manually, slide the upper onto the lower and insert the retaining pins.



Testing and Tuning your new Carbon Arms AR Upper:

Due to dimensional variations in lowers and the associated parts, some tuning may be necessary. While these uppers have been tested with a wide array of lowers and trigger assemblies, we have seen out of spec parts that contribute to malfunctions. Specifically, oversized and non-standard bolt releases can cause FTFs as well as FTEs. The ejector is tuned to be rather light to prevent slam fires, so a chambered and un-fired round may be difficult to extract with a dirty chamber.

Some break-in will help the parts settle in, so we do recommend 250 rounds before tinkering at all with the set-up. The upper receiver and bolt assembly have high lubricity coatings. Run dry, the upper will run for several thousand rounds after the initial break-in. If you choose to lubricate the upper, and we do recommend such for normal use, you should clean the bolt assembly at about 1000 to 2000 rounds depending on how dirty the ammo you run is, more if running suppressed. Velocitor and other hyper-velocity ammunition should not be used and may damage the chamber.

Two (red and black) O-rings have been provided that, depending on your lower, may aid in better function. The barrel extension had a machined ring to accept the O-ring. In most cases they are not necessary.

If you have any questions, please feel free to contact us at www.carbonarms.us

Twitter: @Markpcolo

YouTube: <http://www.youtube.com/user/markpcolo?feature=mhum>