



Make sure that the firearm is pointing in a safe direction and ensure that it is unloaded. Remove any magazine from the firearm and visually inspect the chamber for ammunition. Remove ammunition from your work area.



Installing your new Carbon Feather Tube:

The installation of the hand guard is also effectively the installation of the barrel. A qualified gunsmith should perform the installation.

If replacing a hand guard, the old assembly must first be removed per the manufacturer's instructions. The threads of the receiver must be fully degreased and cleaned of all foreign material regardless of whether the receiver is new or used.

First, remove the lock ring and barrel nut from the tube assembly. Install the barrel into the receiver and ensure the alignment pin is properly oriented. Slide barrel nut over the barrel with the internally threaded end towards the receiver. Tighten the barrel nut to desired torque using a spanner wrench with trued engagement pins. (Typically 35 to 85 foot-pounds). We find that 55 to 65 foot-pounds is sufficient torque. One of the holes in the barrel nut must align with the gas tube passage in the receiver. While a thread locking compound can be used, it is not required. Verify proper headspace. Then install the gas block assembly according to the manufacturer's recommended practices. Muzzle devices can be installed at this point provided there is clearance for the hand guard tube.

Screw the lock ring onto the outside threads of the barrel nut all the way. Screw the tube assembly onto the barrel nut. Position the tube as desired while ensuring gas tube and block clearance and position of the holes in the hand guard for mounting of rails and other accessories. Use the lock ring to fix the position of the tube. Leave as few (or none) exposed threads as possible on the barrel nut.

Sanding, filing, cutting, drilling and milling of the carbon fiber material is not recommended and should only be performed by trained persons.

The torque of the barrel nut should be confirmed after 30 to 50 rounds have been fired.

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>