

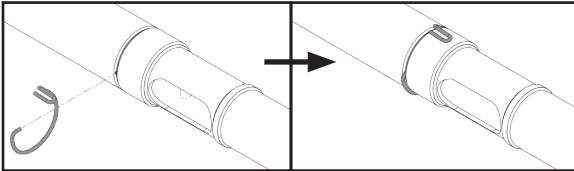


The 9mm Ultralight barrel is a phenomenal weight saver for the all-out PCC competitor. This assembly is built around a 5.5" Supermatch™ barrel with a light-weight aluminum shroud permanently pinned and welded to reach an NFA-legal length.

This barrel will install similarly to any standard AR-style barrel with some additional steps to allow for the cleaning port cover and spring.

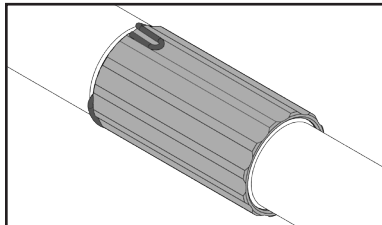
INSTALLATION

1. Remove the cleaning port cover by unscrewing it and sliding it off the barrel. Beneath this cover are a pair of shims for collecting carbon and lead build-up. Remove the shims as well at this time, noting how the shims are positioned. **THE EDGE OF THESE SHIMS CAN BE VERY SHARP. TAKE CARE WHEN HANDLING.**
2. Install the barrel in your receiver with the barrel nut of your hand guard according to its instructions. Do not install the hand guard tube at this time.
3. Flex the port cover spring such that you can insert the tail end into the index hole in the barrel as shown. If the spring hangs up in the hole, simply push until it seats completely. Follow this by wrapping the spring around the outside of the barrel.



4. Replace the shims around the cleaning port as it was originally. Then, thread the port cover back on until it bottoms out. The tab of the port cover spring should come to rest atop the cover nestling into one of the machined scallop cuts as shown.

At this point, you can finish the installation of the hand guard tube.



Should it become necessary to disassemble the upper assembly and remove the barrel, the port cover spring will need to be detached. This can be done by using a small pair of needle-nose pliers or a 90° bent needle-nose pliers to pull the spring's tail from its hole in the barrel. Alternately, a piece of wire or string can be passed between the spring and the barrel so that by pulling both ends, you can draw the tail of the spring out. Once the tail has been removed from the hole, the rest of the spring can be uncoiled from around the barrel.

MAINTENANCE

The cleaning port of this barrel allows easy access to remove carbon and lead buildup on the barrel crown once the hand guard tube is removed. Keeping the shims in place beneath the port cover will ensure that the cover itself will not seize up. These shims will become caked with carbon and lead after extended use but can be easily removed and cleaned. This should be done approximately every 5000 rounds.

WARNING

While we have done durability and drop testing with the 9mm Ultralight barrel without any failures, more care should be taken with this barrel than with a standard steel barrel. The aluminum shroud is less rigid and could be bent if too much force is applied, e.g., an overly forceful barrel dump during competition.

