



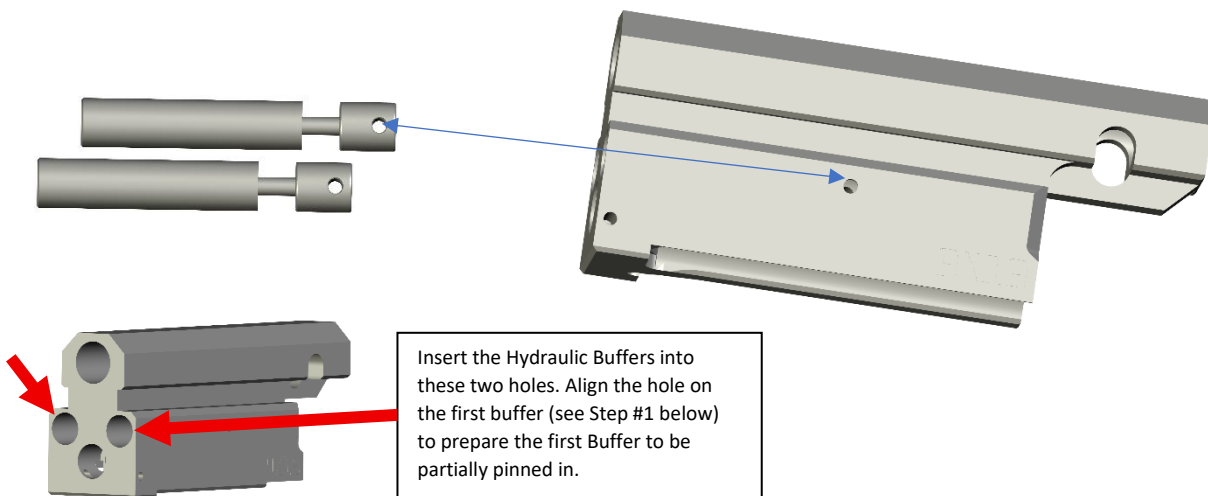
Hydraulic Buffer Installation Instructions

BIG PICTURE:

THE PINS WILL GO THROUGH THESE HOLES TO HOLD THE BUFFERS FIRMLY IN PLACE.

KEY: OIL THE ROLL PINS AND THE HOLES ON THE MAIN BOLT.

Note: The holes are fairly opened tolerance on the main bolt where the Hydraulic Buffers go. Some of the older version bolts, (prior to Hydraulic Buffers), could potentially have some burrs. If need be clean out with .321 inch minimum diameter reamer, but no greater than .326in reamer. Also, a 5/16ths or 8mm drill bit from any hardware store should clean it up if need be. They are both smaller than .321, but should be ok to achieve the goal.



There should be multiple 3/32nd by 1 inch Roll Pins in each kit, **ALONG WITH A NEW COMPATIBLE BUFFER.**

1. **CRITICAL:** Install the new buffer (the gray soft pad), replacing the old buffer on your Bolt Guide Rod Back Cover. V4 Buffers and above Buffers are the only ones compatible with this system. Don't forget, or you'll damage the internals.
2. Oil the pins and the holes. The first roll pin is used to set the first hydraulic buffer into place one side only. **The pin is driven in only 1/4 inch to hold the single buffer in place temporarily.**
3. **Don't attempt to hammer the pin all the way through to the second Buffer, it simply will not work and you'll damage the second buffer.**
4. **Flip the main bolt over**, and place on an object that has a hole in it **to suspend the main bolt off of the work bench**, while not impeding the first pin you put in, (which is now sticking out obviously). Use something like the Real Avid - Smart Bench Block, using the center hole to allow the pin to go through. We have these on every single bench at Matador Arms, an essential tool, worth every penny, *and no we're not sponsored by Real Avid, but you'd think so if you saw our workbenches.*



Roll Pin

Oil the pin and holes again.

5. Now, take one of the other pin, and insert the second Hydraulic Buffer. Align the hole on the Hydraulic Buffer and hammer the pin in through, **Hammer it all the way through while punching out the other pin which was only holding the first Hydraulic Buffer in place to align it.**



FINISHED, GO SHOOT, BE SAFE, HAVE FUN