



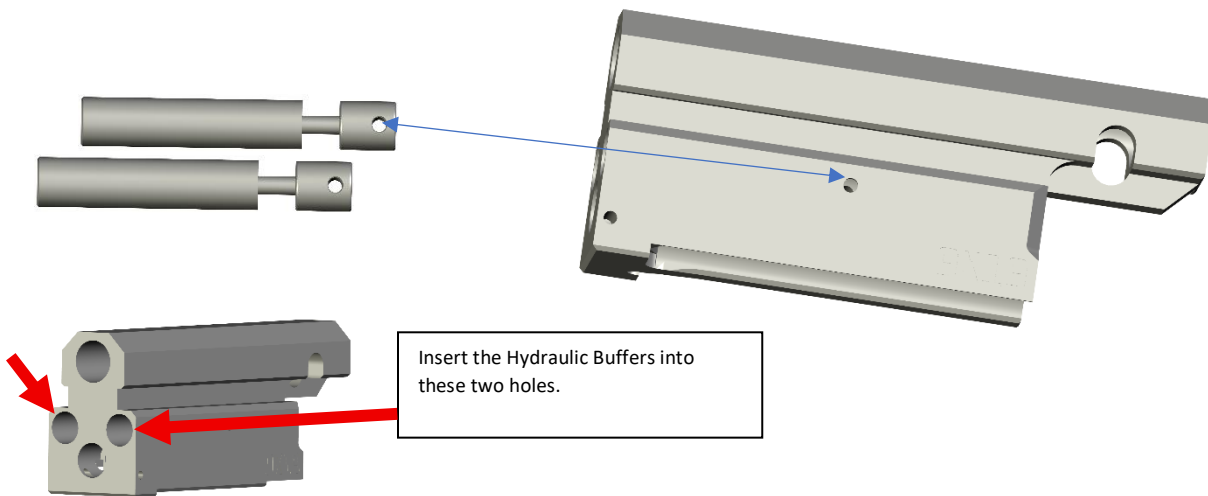
Hydraulic Buffer Installation Instructions

BIG PICTURE:

You're going to drive the roll pins into the main bolt holes that mate to the holes on the Hydraulic Buffers.

KEY: OIL THE ROLL PINS AND THE HOLES ON THE MAIN BOLT, use needle nose pliers to hold those small pins.

Note: The holes are fairly opened tolerance on the main bolt where the Hydraulic Buffers go into, but still snug. Some of the older version bolts, (prior to Hydraulic Buffers), could potentially have some burrs. If the holes on the bolt don't allow the hydraulic buffers to go easily in, stop and open a support ticket on the website, tell us who you are and we'll retrieve the buffers and bolt, ream the holes and fully install the buffers for you. We'll send you shipping label.



There should be 2 3/32nd diameter by 5/16inch Roll Pins in each kit, **ALONG WITH A NEW COMPATIBLE BUFFER.**

1. **CRITICAL:** Install the new Buffer Pad (the gray soft pad that's flatter than the unit that was shipped with your upper most likely), 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. Clean the holes out of any soot or debris.
3. Insert the Hydraulic buffers, they should not be impeded by anything.
4. Align the pin hole **on the H.Buffers** to the exterior hole on the Main Bolt (*pictured above on the first image*)
5. Use needle nose pliers and a fairly heavy hammer (we use ball ping due to its weight), and drive the pins in. **Hammer it all the way to where the surface of the Roll Pin is just barely under the wall of the bolt. It cannot be sticking out.**
6. **DO NOT, repeat, DO NOT** drive the pin in any deeper. Just a micro hair beneath the surface of the bolt is as deep as you want to go. If you drive it too far, it could bind the piston on the Hydraulic Buffer to where it won't bounce back from compression.
7. Do this for both sides, then you're set!



Roll Pin

FINISHED, GO SHOOT, BE SAFE, HAVE FUN