

KKM Compensator Installation & Removal (reverse steps)

See backside for Gen 5 and/or comps with rear contoured and final instructions.

The barrel and comp will come preassembled. Remove both set screws entirely, as failure to do so will result in damage to the barrel's threads.



After the set screws are removed, unscrew the comp from the barrel. You will notice anti-seize coated on the threads. This is to prevent carbon build up from welding the two together over time. We recommend a dab of anti-seize on the barrel's threads periodically or during cleaning/reassembling (dab of grease or any lube in a pinch). Keep the set screws dry and they should do their job; however, if the comp loosens after shooting, you can use blue Loctite on them to stay put. Do not use red Loctite and never get Loctite on the barrel's threads.



Install the barrel into the slide in the locked position, but do not install the guide rod/spring or frame (it will get in the way). Screw the comp on until it bottoms out on the end of the slide. Rarely, if ever, will the ports be pointing up.



Back off the comp to align the ports pointing up. This will also give you a clearance gap between the slide and comp which is very important. Make sure they do not come into contact with each other and there is a gap between the comp and slide.

On Gen 5 comps, or ones with the rear contoured “wings”, you will have to leave the barrel protruding out of the slide to screw on the comp as the wings will get in the way. Go back and forth from locked to unlocked position with the barrel in the frame to check clearance, make sure there is a gap.



Once aligned and set, reinstall the set screws and hand torque with the little hex-wrench provide. Feel free to torque away as you will not hurt the barrel, comp, or set screws. The little wrench will bend or twist before you hurt anything else. Again, keep the set screws dry and do not use Loctite on the barrel threads.



Operating advisory:

The comp will slow down slide or cycle speed. If you are having failures to feed or failures to eject, you may have to lower the recoil spring. This will be heavily dependent on ammo (light loaded, hot, bullet weights, etc.) Go shoot it first before altering or changing springs with your desired ammo. You want to see the brass land about 10 feet away, give or take, you may not have to change anything. If it's well under (weak) or you are having failures, lower your spring rate 2 pounds under stock.

Set screw size is 8-32x1/4" Cup Point, Steel, Grade 8