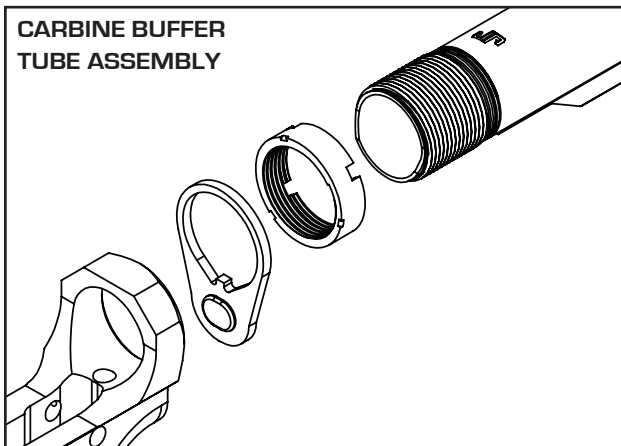




INSTALLATION WITH SILENT CAPTURED SPRING

For ease of maintenance of the Silent Captured Spring, we recommend using our SCS-specific buffer retainer and spring (so long as you are not also run a JP VMOS™ bolt carrier, which will not cycle with a buffer retainer installed). Otherwise, we recommend against installing a Mil-spec buffer retainer as it makes accessing the SCS unit cumbersome. If you choose to go without a buffer retainer, be aware that the SCS will not be retained and can freely fall from the buffer tube when the receivers are open.

1. Thread the castle nut onto the buffer tube with the nut's cutouts towards the rear.
2. Slide the end plate into position against the castle nut with the bump on the plate facing towards the receiver as shown.
3. Insert the Silent Captured Spring into the buffer tube and thread the buffer tube into the lower receiver until the face of the SCS is even with the front of the tower on the lower receiver.
4. Taking note of the end plate alignment, continue threading the buffer tube into the lower receiver until the end plate is properly aligned.
5. Hand tighten the castle nut against the end plate, which will butt up against the rear of the receiver.



6. Measure the protrusion of the SCS from the front of the lower receiver tower. If the SCS protrudes less than .030" (the width of the SCS spacer shim), insert the spacer shim behind the SCS in the buffer tube. If the protrusion is greater than .060" (the approximate wide of a quarter), thread the buffer tube out one turn and recheck the SCS protrusion. Add the spacer shim if necessary.
 7. Once the SCS protrusion is set, install the spring and detent for the rear takedown pin and torque the castle nut to spec.
 8. With the buttstock or use some other means to ensure that the buffer tube stays in alignment, use a castle nut wrench to tighten the castle nut hand tight. If the tube is not kept in alignment during this tightening, it could be damaged.
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INSTALLATION WITH STANDARD BUFFER AND SPRING

1. Thread the castle nut onto the buffer tube with the nut's cutouts towards the rear.
2. Slide the end plate into position against the castle nut with the bump on the plate facing towards the receiver as shown.
3. Place the buffer retainer plunger and spring into the hole in the lower receiver.
4. Holding the retainer plunger below the surface of the threads, thread the buffer tube into the lower receiver until the lip of the buffer tube is just able to retain the plunger.
5. Check that end plate alignment and thread the buffer tube into the lower receiver until the end plate is properly aligned with the receiver.
6. Once the alignment is reached, install the spring and detent for the rear takedown pin and torque the castle nut to spec.
7. Install the spring and buffer assembly, ensuring that the buffer plunger correctly retains the buffer.
8. With the buttstock or use some other means to ensure that the buffer tube stays in alignment, use a castle nut wrench to tighten the castle nut hand tight. If the tube is not kept in alignment during this tightening, it could be damaged.

THANKS FOR YOUR BUSINESS!