

**CAUTION: REMOVE THE MAGAZINE AND VISUALLY CHECK THE CHAMBER TO ENSURE THAT YOUR FIREARM IS UNLOADED.**

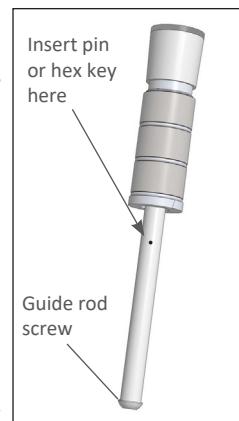
This maintenance kit for the JP Silent Captured Spring includes the replacement and wear parts you're most likely to need during the SCS's lifetime.

The included O-rings install easily. Simply pry out the existing rings as necessary and stretch the new ones over the top and into place so that the weights and slider lip are all separated by an O-ring.

To replace the snap ring or bumper, follow the following steps as appropriate.

## INSTALLATION INSTRUCTIONS

1. Compress the buffer spring by hand and insert a hex key or other suitable tool into the hole in the guide rod to retain the mass. For your ease, you may wish to secure the JPSCS in a vise for this step.
2. Remove the guide rod screw. Depending on the production run of your SCS unit, you may need to break down the thread locker if you cannot remove the screw easily. If the thread locker is too strong, apply heat with a propane torch to the guide rod while using a wrench to apply turning pressure to the guide rod screw.
3. Remove the hex key from the guide rod while retaining the compressed mass with your hand. The spring pressure is approximately 15 lbs., so point these components away from your face as a precaution in case they fly apart.
4. Slowly relax the spring and remove both the spring and buffer mass from the guide rod.



## REPLACING THE BUMPER

1. Remove the existing bumper from its base plate and the unit. It is held in place by friction.
2. Install the replacement bumper in the same manner as you removed the old one.

## REPLACING THE SNAP RING

1. Remove the snap ring from the SCS mass assembly by using the tip of a small screwdriver to pry up the end of the ring and slide it off the back side of slider. Once the tip is off, the ring should remove easily by working it in an unwinding fashion.
2. Replace or reconfigure the masses and/or O-rings of your Silent Captured Spring now, as desired.
3. Reassemble the mass slider by replacing the snap ring in the manner described above.

## REASSEMBLY

1. Reinstall the operating spring onto the guide rod and compress it completely with the mass slider until it reaches the bumper. Reinsert a hex key into the hole through the guide rod to retain the mass as before.
2. Install the guide rod screw and tighten it securely to retain the mass slider. Remove the hex key from the guide rod.
3. Install the JPSCS into your rifle as described in the installation instructions. With your rifle reassembled with the SCS, test fire a few rounds to assess the function of the configuration.
4. When you are satisfied with the operation of the SCS, clean the guide rod threads and screw with solvent and dry completely. Install the guide rod screw with thread locker and tighten the screw to 40-45 in-lbs. Some newer SCS kits come with screws pre-loaded with thread locker. The pre-loaded thread locker is only reusable two or three times. If you need to apply thread locker, we recommend a semi-permanent product such as Loctite® 243.

During regular rifle maintenance, check the tightness of the hex head screws at the ends of the JPSCS. The rear screw should be installed with a permanent thread locker such as Loctite® 263. The front flange screw is better secured with a semi-permanent thread locker like Loctite® 243.

**THANKS FOR YOUR BUSINESS!**