

# SHADOW OPS SNIPER UPGRADE KIT ASSEMBLY INSTRUCTION

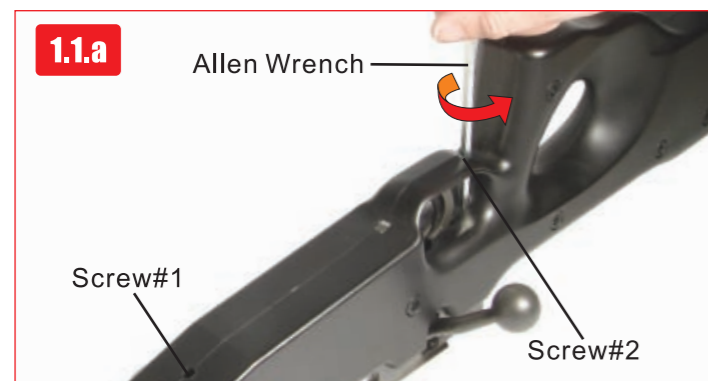
FOR SOFT-S368BH, SOFT-S368GH AND SOFT-S368RH

**WARNING:** Be careful not to mix original and upgrade parts during the assembly process. They look very similar and may get mixed easily. Do not install original and upgrade parts in the same gun. Your gun may malfunction and warranty will be voided.

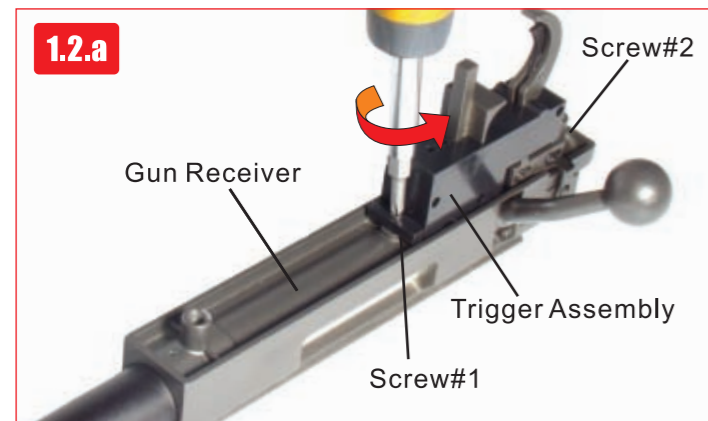
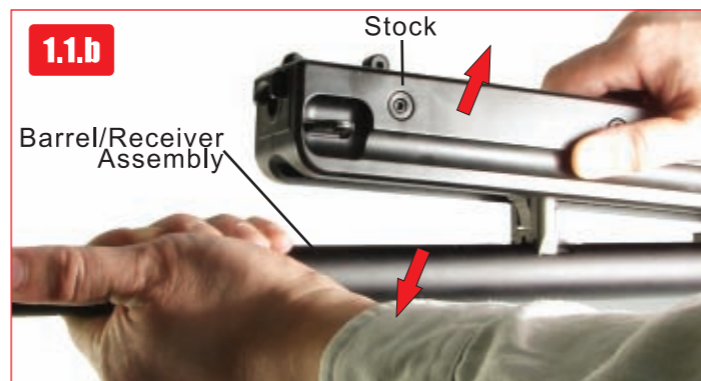
- 1 - Upgrade Steel Spring
- 2 - Upgrade Metal Piston
- 3 - Upgrade Metal Spring Guide
- 4 - Metal Ball Bearing Set (1PC Metal Ball Bearing and 2PCs Metal Shims)



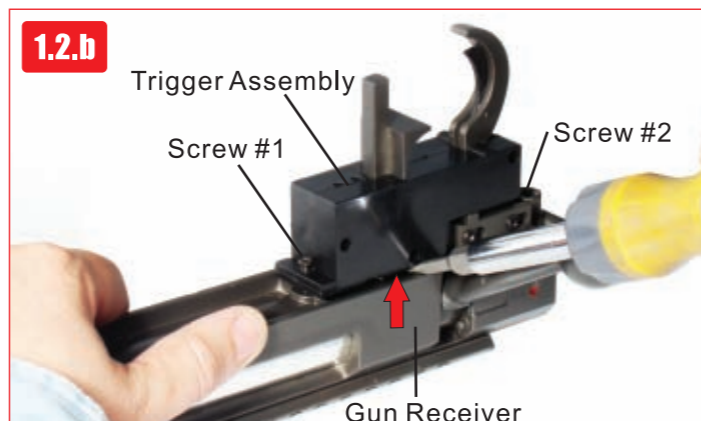
## Step 1: Disassemble the Bolt from the Gun



**Step 1.1:** Remove the magazine. Dry shoot the gun at a safe direction to make sure there is no BB left in the gun, and the gun is uncocked. Remove the two screws (Fig. 1.1.a) and separate the Barrel/Receiver Assembly from the Stock (Fig. 1.1.b). (If upgrading a new Shadow Ops that has not been assembled out of The box, bypass this step.)



**Step 1.2:** Remove the 2 screws from two sides of the Trigger Assembly (Fig 1.2.a). Insert a flat screwdriver into the gap between the Trigger Assembly and the Gun Receiver to gently separate them (Fig 1.2.b).

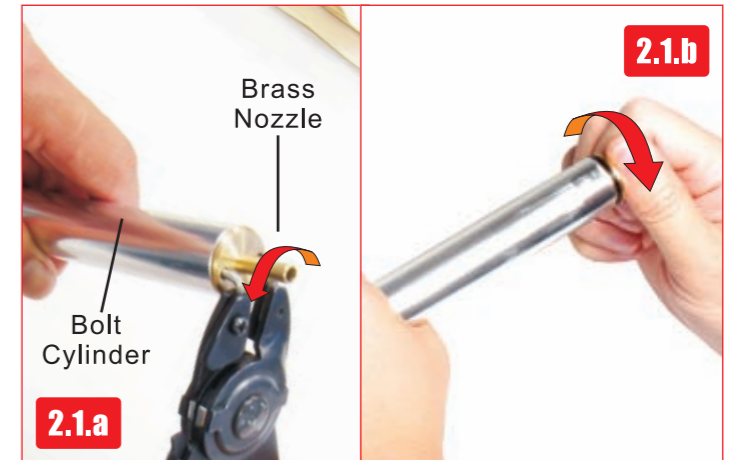


**Step 1.3:** Lift and hold the Cocking Handle and gently slide out the Bolt-Cocking Handle Assembly from the Gun Receiver (Fig. 1.3).



## Step 2: Upgrade the Bolt

**Step 2.1:** Make sure the Brass Nozzle is facing a safe direction. Counter-clockwise, use a proper tool to loosen the Brass Nozzle (Fig. 2.1.a). Once the Brass Nozzle was loosened, use finger to hold and slowly turn the Brass Nozzle to carefully separate it from the Bolt Cylinder (Fig. 2.1.b). Apply force to both Brass Nozzle and Bolt Cylinder since the Brass Nozzle is under strong spring tension.



**Caution:** The Brass Nozzle is under strong spring tension. Remove the Brass Nozzle with extreme caution. Otherwise, serious injury may be possible if parts are not held securely.

**Step 2.2:** Remove original plastic piston, original spring and plastic spring guide from Bolt Cylinder.

**Step 2.3:** Hold the Upgrade Metal Spring Guide, and follow Fig.2.3 to install the Metal Ball Bearing Set. Make sure each part is installed in the right direction as shown in the diagram.



**Step 2.4:** Slide the Upgrade Steel Spring onto the Upgrade Metal Spring Guide, and position the Upgrade Metal Piston onto the Upgrade Steel Spring (Fig. 2.4).

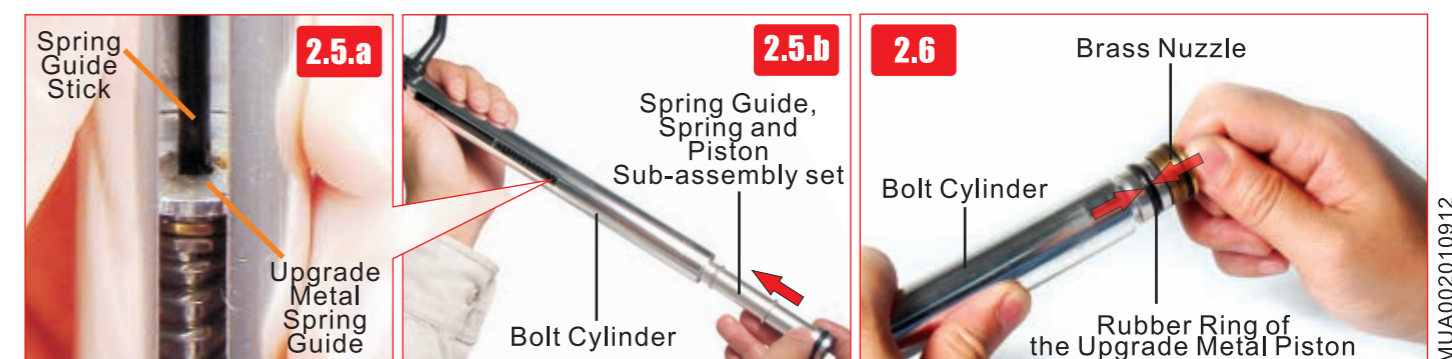


**Step 2.5:** Align the Spring Guide Stick in the Bolt Cylinder with the hole in center of the Upgrade Metal Spring Guide (Fig. 2.5.a). Insert the Spring Guide, Spring and Piston Sub-assembly set into the Bolt Cylinder (Fig. 2.5.b).

**STEP 2.6:** Hold the Bolt Cylinder firmly. Position the Brass Nuzzle on top of the Head of Upgrade Metal Piston and gently push it into the Bolt Cylinder. Gently align the thread of the Brass Nuzzle with the thread of Bolt Cylinder and install the Brass Nuzzle (Fig. 2.6). Use the tool that was used in Step. 2.1 to tighten the Brass Nuzzle to the Bolt Cylinder.

**Tip:** Apply high quality grease on the Rubber Ring of the Upgrade Metal Piston could reduce the resisting force and smooth cocking operation.

**Caution:** The Brass Nuzzle is under STRONG spring tension. Install the Brass Nuzzle with extreme caution. Otherwise, serious injury may be possible if parts are not held securely.



**Step 3: Follow Step 1 in Reverse Order to Re-assemble the Upgrade Parts to the Gun.**