



# Viper Fluid Solenoid Cleaning Instructions

## Disassembling, Cleaning, and Reassembling the Fluid Solenoid



**Step 1:** Remove the Solenoid from the machine. Make sure to disconnect the flags and fluid lines. **Note where the fluid lines go to each elbow.**



**Step 2:** To disassemble the solenoid use a Crescent Wrench to grab the metal collar next to the electromagnet body.



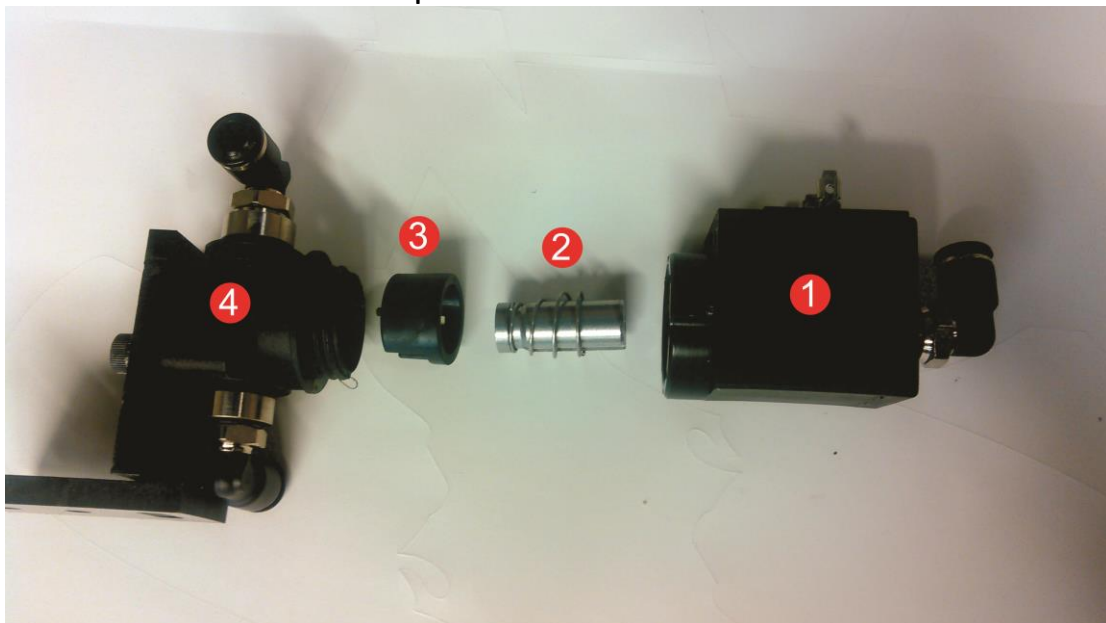
**Step 3:** Unscrew the plastic base.



**Step 4:** Remove the piston and spring to clean.



**Step 5:** To clean the plastic base. Take out the inner plastic direction cup and clean. **Note the direction cup has a line up pin to the plastic base.**



**Step 8:** The picture above shows the Fluid solenoid disassembled from left to right. Make sure to thoroughly clean every part seen above. Ensure that no solidified pretreatment polymers are stuck in the body (#4), the piston & spring (#2) and the electromagnet housing (#1). Reassemble in the reverse order as pictured above.