



Viper Spray Head Solenoid Cleaning Instructions

Disassembling, Cleaning, and Reassembling the Spray Head Solenoid



Step 1: Remove the black spray tip nut that holds the spray tip against the solenoid.



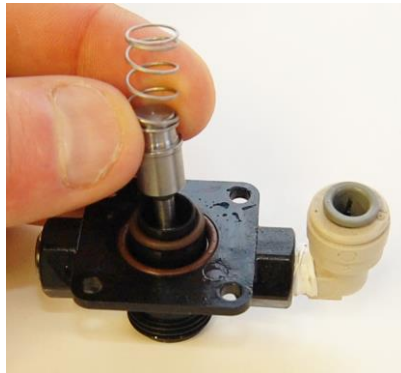
Step 2: Using a 7/64" hex wrench remove all 4 bolts that hold the spray head solenoid together.



Step 3: Make sure to not lose the O-Ring (it may stick to the nozzle tip) when disassembling the unit.



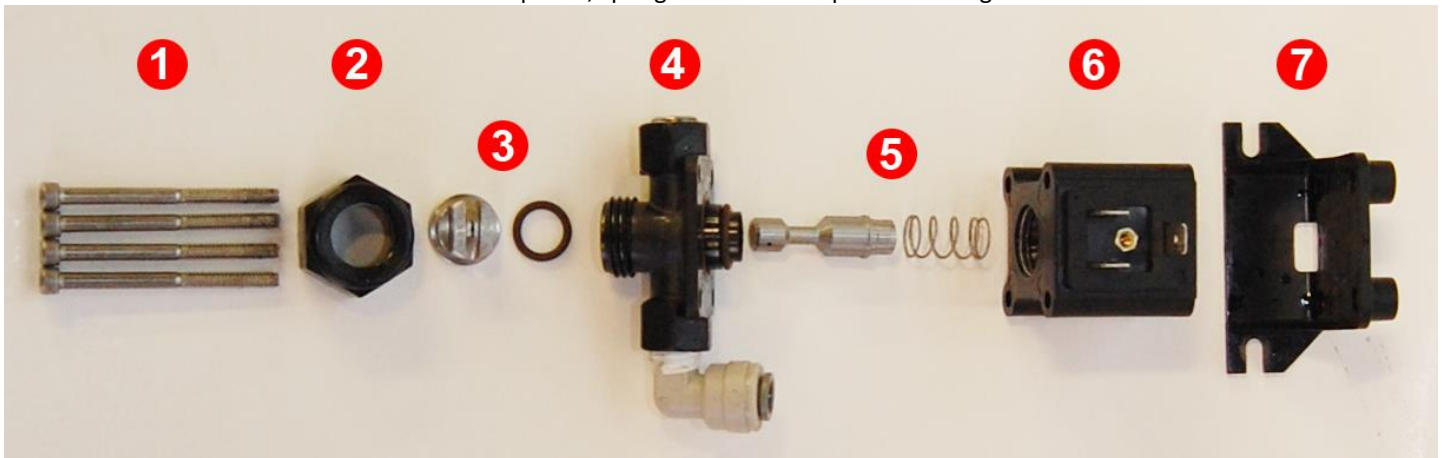
Step 4: When separating spray solenoid, note the piston and spring position in the piston shaft.



Step 5: Remove the piston and spring from the lower portion of the spray head and clean the piston, spring and inside the plastic housing.



Step 6: Also clean the top electromagnetic housing of the spray solenoid.



Step 8: The picture above shows the spray head solenoid disassembled from left to right. Once the four screws are removed the entire unit will disassemble as seen. Make sure to thoroughly clean every part seen above. Ensure that no solidified pretreatment polymers are stuck in the tips (#4), the piston & spring (#5) plunger housing (#4), and the electromagnet housing (#6). Reassemble in the reverse order as pictured above. **NOTE:** This cleaning procedure can be completed while the spray solenoid is still mounted.