

MAINTAINING THE AIR PUMP

Attaching the Gauge and Hose:

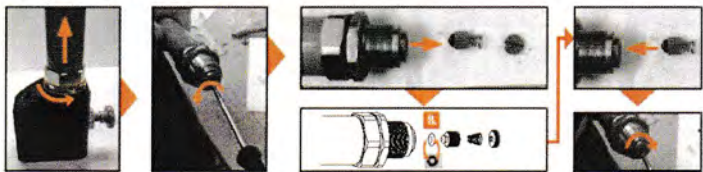


1.2. MAINTAINING THE AIR PUMP

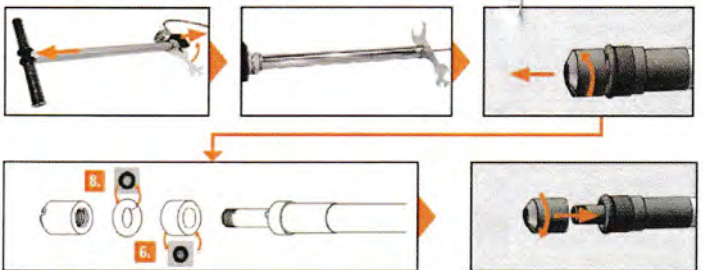
The air pump comes with a rebuild kit to disassemble the pump and repair common problems. See **Section 1.3** for full pump schematics and location of repair kit components (components are numbered and correspond to the schematics layout).

Common Problems

Pump Will Not Compress:



Pump Will Not Rise:



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General Maintenance:

Your pump requires very little maintenance. However, we recommend every 3 months that the inner cylinder should be lubricated using silicon grease. To properly apply the grease:

Raise the pump to the very top of its stroke. Dispense a small amount of grease onto your finger. A modest amount is fine. **MORE IS NOT BETTER!**

Apply the grease on the inner cylinder. Work your way around the cylinder, making sure not to apply all the grease in one spot. Work the pump up and down several times to help evenly spread the grease.



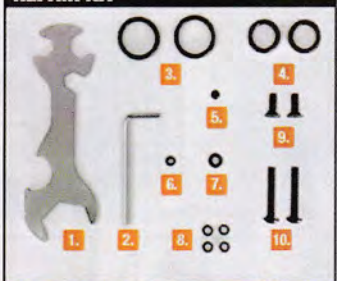
CAUTION

Do not use petroleum/oil or propellant based lubricants. Doing so may damage your pump.

PROBLEMS	POSSIBLE SOLUTIONS
Pump catches or is hard to operate.	Lubricate the pump cylinder.
Pump is steadily losing pressure or seems too loose during pumping.	Bleed valve is open or needs to be tightened. Hose connections to pump or rifle/tank need to be tightened.
The pump becomes difficult to pull up and springs back down when released.	Pump needs servicing.



REPAIR KIT

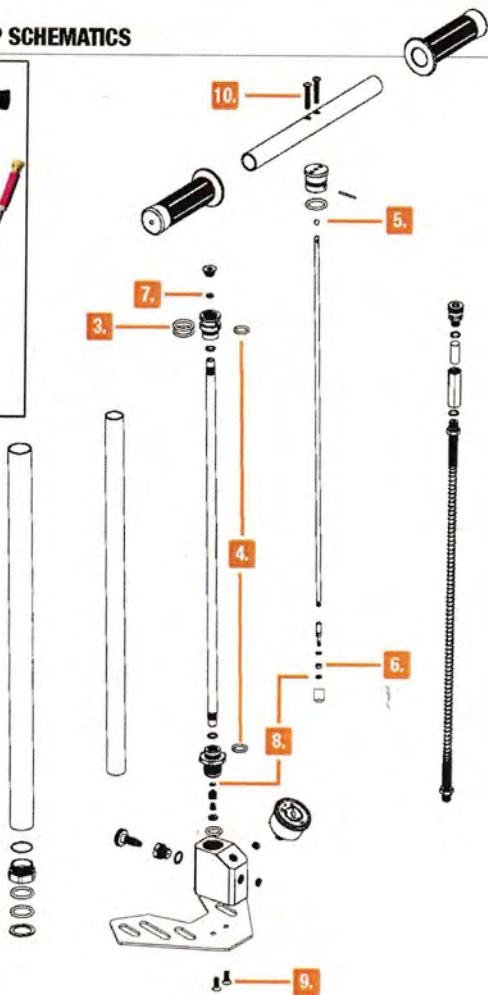


Included Parts:

1. Wrench
2. Allen Wrench
3. O-ring 19.8*3.1mm
4. O-ring 13.8*3.1mm
5. Rubber Ball
6. Three Stage Piston
7. O-ring 4.2*2.4mm
8. O-ring 3.5*1.5mm
9. M5*12mm Screw
10. M5*30mm Screw

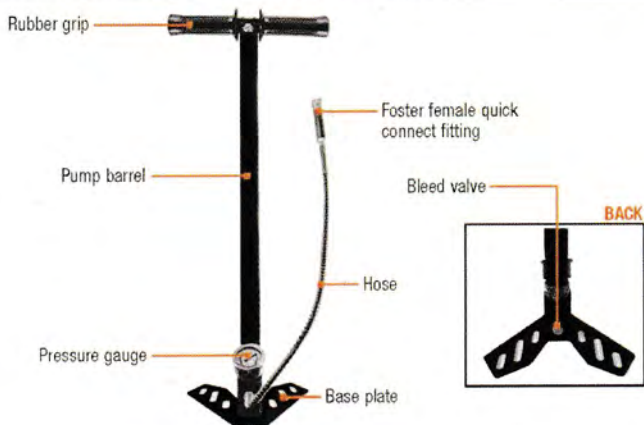
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1.3. AIR PUMP SCHEMATICS



ASSEMBLING THE AIR PUMP

6. ASSEMBLING AND MAINTAINING THE AIR PUMP



1.1. ASSEMBLING THE AIR PUMP

Attaching the Handle:



Attaching the Base Plate:

