



## Hand Pump Owner's Manual



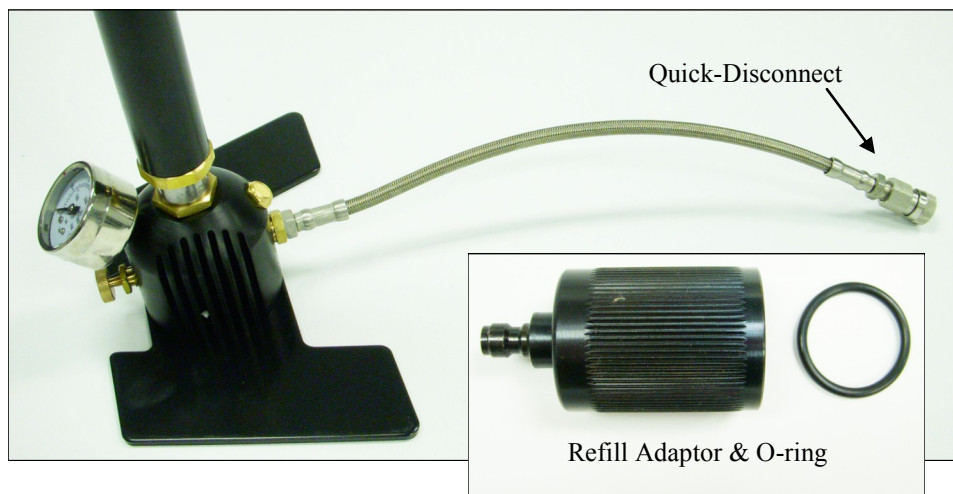
**WARNING:** Pump is only for use with compressed airguns. Do not use for charging breathing apparatus.

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## Assembly (Requires a Phillips screwdriver.)

Attach the base plate to the hand pump base housing with the 2 short flat head screws provided. Position the plate with the countersunk recesses opposite the pump base, so the screw heads do not protrude above the base plate when secured.

Attach the handle to the top of the hand pump with the 2 long screws provided. See picture below for assembly of the O-ring and Refill Adaptor for filling.



## Operation

Screw air tank into **Refill Adaptor** hand tight, make sure **O-ring** is in place. Find a level surface for hand pump and attach Refill Adaptor to **Quick-Disconnect** on hand pump.

Close the bleed screw on the base of the pump by turning in a clockwise direction.

Use slow complete strokes in both directions and allow a second at each stop for the air to flow through the ports inside the pump. Do not rock the pump as it may stress the tank connections. Note: It may take a number of pump strokes before the needle on the gauge starts to move. It takes approximately 12-13 deliberate pump strokes to raise the tank pressure 100 pounds per square inch (psi).

Pump until the desired pressure is reached. Pressure should not exceed the recommended pressure of the pre-charged pneumatic airgun or exceed the pump rating of 3000 PSI.

Bleed the air from the base of the pump by opening the brass bleed screw. Open the bleed screw quickly to allow moisture to discharge with the air.

The pressure gauge should read zero.

**! WARNING:** Do not disconnect the adaptor assembly while under pressure. (Gauge indicating higher than zero (0). Disconnecting the adaptor while under pressure could cause damage to the pump and personal injury to the operator.)

When the air has been discharged from the pump base, you can disconnect the air tank.

## Maintenance and Care of the Hand Pump

- The pump should always be kept dry and clean.
- Store the pump indoors away from extreme temperatures.
- Do Not wipe off the film of lubricant on the main pump cylinder. It is normal and will serve to lubricate the pump seals and guard against premature wear of the pump seals. You may occasionally apply a small amount of Parker Super O-lube to the main pump cylinder.
- Do not use solvents of any kind on parts of the pump. Mild household cleaners are acceptable on the painted portions of the pump and handle assembly.

## Troubleshooting

- The pump fails to reach desired pressures
- Pressure building up and then falling while pumping
- Slower than normal build up of pressure (based on prior experience with the pump.)

All of the problems described above may be result of an air leak. To identify the location of the leak perform the following:

Check first that the bleed screw is closed.

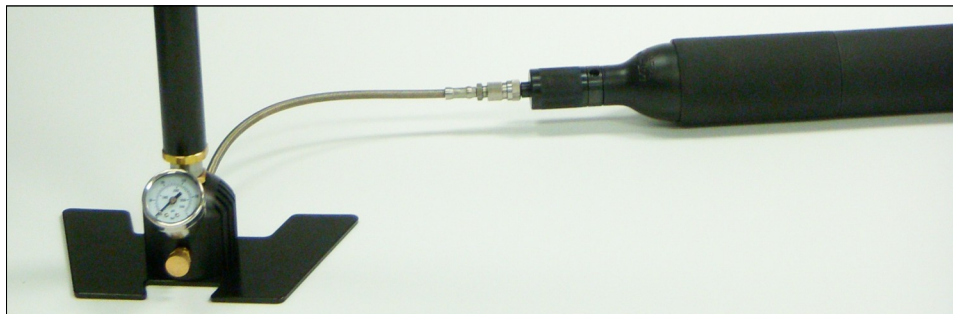
With the pump attached to the air tank and pressure showing on the pump gauge, check for leaks at the fittings by applying a small amount of soapy water at the connections.

If a leak is detected at a fitting, bleed the pressure from the pump and disconnect the air tank. Tighten the leaking adaptor connections slightly to eliminate the leak.

Check the O-rings for any damage.

If a fitting connection is still leaking after re-tightening, the thread sealant may be damaged. Teflon sealing tape is recommended for use on these fittings. Disassemble the leaking fitting, remove all old sealing tape, then apply 2-3 full wraps of Teflon tap to the male thread. Reassemble, tightening the fitting moderately. Do not over-tighten.

If all corrective measures described above fail to eliminate the pump failure, contact AirForce Airguns customer service at 877-247-4867.



## Warranty

Limited 1 Year Warranty. This product is warranted to the retail consumer for 1 year from date of retail purchase against defects in material and workmanship. You should retain the original sales receipt as a record of date of purchase.

### **What is Covered**

Replacement parts and labor. Transportation charges to consumer for repaired product.

### **What is Not Covered**

Transportation charges to AirForce Airguns. Damages caused by abuse, modification, or failure to perform normal maintenance. Any other expense.

### **How to Obtain Warranty Performance**

Contact AirForce Airguns customer service at 877-247-4867 during business hours for details on how to proceed with sending the item in for repair. You must contact AirForce Airguns prior to shipping the product.

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