



SPARTAN MK2

PCP HAND PUMP MANUAL

Operating instructions 2 - 7

1. IN THE PACKAGE

Pump Handle x1
Pump Cylinder x1
Pump Base Plate x1

Base Plate Screws x2
Hose x1
Silicone Grease x1

2. HAND PUMP ASSEMBLY

STEP 1

STEP 1: Match up the base plate to the cylinder as shown.



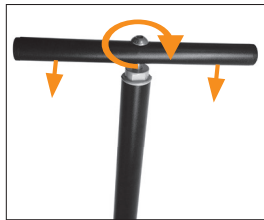
STEP 2

STEP 2: Line up holes and add base plate screws. Turn them clockwise using your fingers at first, then tighten with a 5mm hex wrench (not included).



STEP 3

STEP 3: Line up pump handle with the top of the cylinder as shown and turn the handle clockwise until it is firmly attached to cylinder, then tighten with a 6mm hex wrench.



STEP 4

STEP 4: Attach one end of the air hose to the cylinder and tighten with a 14mm wrench. **NOTE:** Do not use thread seal tape or sealing washers.



STEP 5

STEP 5: Finger tighten bleed valve (do not use hands) by turning clockwise.



3. ASSEMBLING DRY PACK ATTACHMENT (NOT INCLUDED)

STEP 1



STEP 2



STEP 3



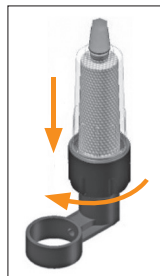
STEP 4



STEP 5



STEP 6



STEP 1: Remove dry pack chamber from base.

STEP 2: Remove dry pack cap.

STEP 3: Add sachet packet.

STEP 4: Level off sachet fill so that it doesn't extend above black plastic rim.

STEP 5: Reattach dry pack cap.

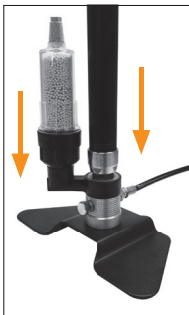
STEP 6: Reattach dry pack to base.

4. ATTACHING DRY PACK ATTACHMENT (NOT INCLUDED)

STEP 1



STEP 2



STEP 1: Turn the pump handle counter-clockwise until it can be removed, then slip dry pack adapter base over pump column.

STEP 2: Guide adapter down column and seat it over the two black o-rings on the base.

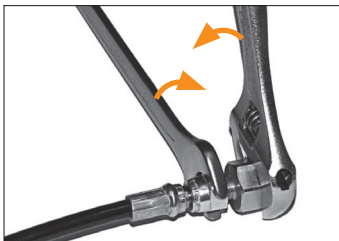
5. INSTALLING HOSE FITTINGS

STEP 1



STEP 1: Installing a connector requires two wrenches - one for the hose and a second for the fitting. The wrench size for the hose is 14 mm. The wrench size for the fitting depends on the fitting.

STEP 2



STEP 2: Use the wrenches to grip the hose and the fitting, then turn the hose wrench clockwise and the fitting wrench counter-clockwise until the connection is tight.

NOTE: Do not use thread seal tape or sealing washers.

6. USING YOUR PUMP

STEP 1: Ensure that the bleed valve has been tightened (see section 2, step 5).

STEP 2: Place one foot on each side of the base and take a comfortable, balanced stance.

STEP 3: Apply long, steady strokes, making sure to keep your back straight and flex your knees with every pump.

STEP 4: During prolonged use the pump will become uncomfortably warm. Stop pumping and allow it to cool down to room temperature before continuing.

STEP 5: You'll notice as the pressure increases the pump requires more force. Once you reach 4300 psi, stop using the pump.

STEP 6

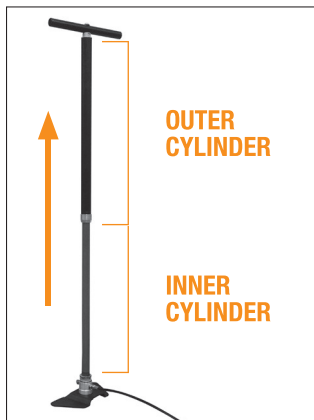


STEP 6: Once you are finished and **BEFORE YOU DISCONNECT THE HOSE** from whatever you are filling, slowly loosen the bleed valve to release pressure trapped in the hose.

⚠ WARNING: BEFORE REMOVING FILLING HOSE, ALWAYS BLEED THE AIR FROM THE HOSE USING THE BLEED VALVE ON THE PUMP. NOT DOING SO CAN RESULT IN THE HOSE WHIPPING AROUND, WHICH CAN CAUSE INJURY OR PROPERTY DAMAGE.

7. MAINTENANCE

STEP 1



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

STEP 1: Raise the pump to the very top of its stroke.

STEP 2: Dispense a small amount of grease onto your finger. A modest amount is fine. **MORE IS NOT BETTER!**

STEP 3: Apply the grease on the inner cylinder. Work your way around the cylinder, making sure not to apply all the grease in one spot.

STEP 4: Work the pump up and down several times to help evenly spread the grease.

STEP 2



CAUTION

DO NOT USE PETROLEUM/OIL OR PROPELLENT BASED LUBRICANTS. DOING SO MAY DAMAGE YOUR PUMP.

8. TROUBLE SHOOTING AND SERVICE

PROBLEMS	POSSIBLE SOLUTIONS
Pump catches or is hard to operate.	Lubricate the pump cylinder (section 7).
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. See paragraph below.

Manufactured by:



Made in England

www.airriflepump.com