

NINJA AIR SYSTEMS

Proudly Made in the USA

Series 3000 PCP FILL STATION *SAFETY FIRST!*

FOR 3000 PSI MAXIMUM SERVICE



PRIOR TO USE READ AND UNDERSTAND ALL FILL STATION INSTRUCTIONS.

KEEP ALL PETROLEUM LUBRICANTS AWAY FROM PARTS OF THE PCP FILL ADAPTER. PETROLEUM LUBRICANTS MAY CAUSE FIRE OR EXPLOSION IF INTRODUCED INTO THE HIGH PRESSURE TUBE OF YOUR PCP AIRGUN.

Date: February 2013

SETTING UP THE NINJA PCP FILL ADAPTER

Your fill adapter is equipped with a standard “UFA” fitting on the input side. This fitting will connect to any Ninja high pressure regulator.

On the backside of the fill station is a vent port.

- ▲ **FOR SAFETY REASONS, THE VENT PORT #7 MUST BE DIRECTED AWAY FROM THE OPERATOR AND BYSTANDERS.**

This port is equipped with 1/8 NPT threads so that if desired, a vent hose or muffler may be attached.

Do not over tighten the vent knob as this may damage the seal. Only turn the knob enough to stop the release of gas.

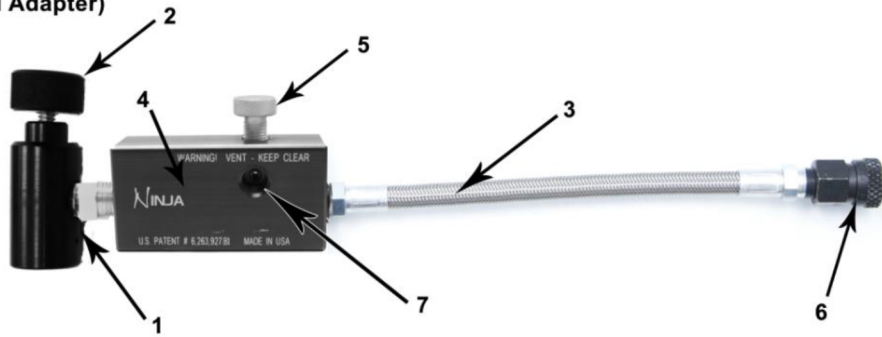
- ▲ **ALL HOSE, FITTINGS, AND MUFFLERS MUST HAVE A MINIMUM WORKING PRESSURE OF 3000 PSI. Do not use a bronze sintered muffler!!**
- ▲ **Never operate the PCP Fill Adapter unless a PCP AIR RIFLE is attached to the fill adapter on the end of the fill hose. Operating the PCP Fill Adapter without a PCP AIR RIFLE attached will cause the fill hose to “whip”. Injury may result!!**

WARNING: Compressed air will rush out of the vent station hole (part #7) when relieving pressure from the fill hose. Use caution in directing the venting air. ALWAYS WEAR GLOVES AND SAFETY GLASSES WHEN OPERATING THIS FILL STATION!!

WARNING: Do NOT disconnect the hose under pressure. Disconnecting the hose under pressure could cause damage to the hose fitting and personal injury to the operator.

PARTS LIST

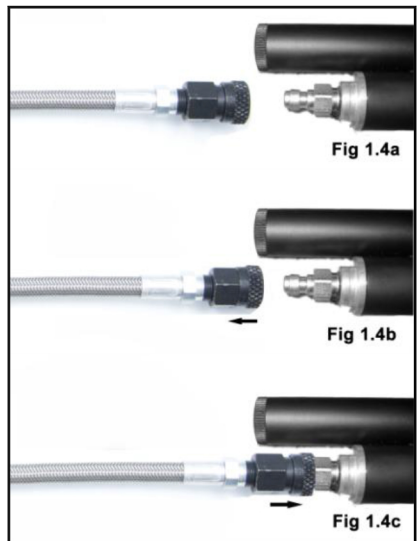
- 1 - UFA (Universal Fill Adapter)
- 2 - UFA Knob
- 3 - Hose
- 4 - Vent Station
- 5 - Vent Knob
- 6 - Quick Disconnect
- 7 - Vent Hole



1.0 OPERATION with a HIGH PRESSURE COMPRESSED AIR BOTTLE

THIS FILL ADAPTER WILL VENT GASES STORED UNDER HIGH PRESSURE MAKE CERTAIN THE VALVE VENT KNOB (part #5) IS CLOSED (turned fully clockwise) BEFORE CONNECTING TO A HIGH PRESSURE COMPRESSED AIR BOTTLE!

- 1.1 Close the vent station (part #4) by turning the vent knob (part #5) fully in a clockwise direction, do not over tighten.
- 1.2 Turn the knob on the UFA (part #2) counter clockwise until it stops. Screw the UFA onto the High Pressure Air bottle regulator making certain all components are clean and dry. Tighten securely by hand ONLY. Do NOT use tools to tighten.
- 1.3 Ensure the air rifle you are filling has a 1/8 male Industrial Interchange quick disconnect, see figure 1.4a. Pull the sleeve/collar back on the quick disconnect #6 and Connect the fill station female quick disconnect socket (part #6) to the fill nipple on your PCP air gun. **THE SLEEVE /COLLAR MUST SNAP FORWARD AND BE SECURE!** Do not force it on and if it does not fit properly do not fill. See figure 1.4c.
- 1.4 **MAKE SURE CONNECTION IS SECURE.**



- 1.5 Once attached do not let the fill station, air system or rifle hang by any component. Support the fill station, rifle and air system.
- 1.6 Open the valve slowly by turning the UFA knob (part# 2) in a clockwise direction. You should hear the air gun filling with air. A complete fill should take no more than approximately 10 seconds. Fill the air gun to manufacturer recommendation.
- 1.7 Check the air gun pressure gauge. The gauge should read a pressure equal to the output pressure of the bottle regulator pressure you are filling from, typically 3000 psi. Do not over pressurize the rifle, check the rifle owner's manual for the correct pressure.
- 1.8 Upon Completion of filling, turn the UFA knob (part # 2) in a counter-clockwise direction until it stops.
- 1.9 Bleed the pressure from the fill hose by turning the vent station knob (part # 5) slowly in a counter-clockwise direction.

WARNING: Compressed air will rush out of the vent station hole (part #7) when relieving pressure from the fill hose. Use caution in directing the venting air. ALWAYS WEAR GLOVES AND SAFETY GLASSES WHEN OPERATING THIS FILL STATION!!

- 1.10 Disconnect the quick disconnect from the gun, if it does not open easily insure the fill station is vented and no air is in the fill station.
- 1.11 Disconnect the UFA from the High Pressure Air bottle regulator.

WARNING: Do NOT disconnect the hose under pressure. Disconnecting the hose under pressure could cause damage to the hose fitting and personal injury to the operator.

3.0 Maintenance and Care of the Ninja PCP Fill Adapter

- **Keep the Fill Adapter clean and dry.**
- **Periodically check the fill adapter and fill hose for thread integrity, cracks or other wear replace any suspect part immediately for assistance call 877-646-5287
www.ninjapaintball.com**