

the LOGUN
COMBI - PUMP
Patented

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Sole Distributor -
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KEY

- A** Rubber Grips
- B** Plunger
- C** Barrel of pump
- D** Base
- E** Pressure Gauge
- F** Connector
- G** 1/8" BSP Swivel Nut
- H** Hose
- I** Bleed Valve
- J** Buddy Bottle Adaptor

SPEC TECH

Length: 650mm
Weight: 2.0kg
Pressure: 250BAR
Swept volume: 245 cu.cm per stroke

TOOLS REQUIRED

3mm Allen key (supplied)
2 Adjustable spanners (not supplied)

TROUBLE SHOOTING



Possible Problem

Possible Solution

| | |
|--|--|
| When I start pumping the gauge will not move. | Check that the bleed screw has been tightened up. Air could be leaking out from the vent hole. |
| The bleed screw is tight but the pressure gauge will still not move when I pump. | Ensure that all the connections along the pipe work and the Snap-On connector has been tightened correctly. |
| When I pump the gun up and then release the air from the pump system, a large amount of air comes hissing out. | This could be one of two things, depending on the amount of air escaping. You normally get a small amount of air from the pump system that bleeds out. If it is greater, then you could have a problem with the pressure vessel being charged, dumping all it's air. |
| My Snap-On connector will not fit the end of the hose fitting. | The standard pressure fittings available in the industry are called BSP threads, the fitting on the end of the hose is a 1/8" BSP. (DO NOT TRY TO FORCE THREADS TOGETHER THIS COULD BE POTENTIALLY DANGEROUS) |
| I have a buddy bottle, I have tried to fill the bottle with the pump, but all I get is air leaking from around the threads. | At the base of the bottle adaptor threads there should be a white nylon seal which seals the face of the bottle when screwed down tightly. If this seal is not present then you cannot fill the buddy bottle. |
| My pump seems to get very hot when I am pumping for a long time. | If you are pumping for long periods of time you need to allow the pump system time to cool down for at least 5 minutes, or longer. |
| When I have been pumping my air rifle up, and I release the pressure from the system, a liquid seems to come out of the vent hole. | What actually happens, when you are charging your air rifle that heat is generated in the pump system which condenses in the special condense chamber, this when vented out, becomes a liquid. |

THE OPERATION OF THE LOGUN COMBI-PUMP



PLEASE READ THIS BEFORE USING THE LOGUN COMBI-PUMP:

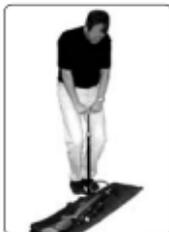


Stage 1

Connect your female fitting (not supplied) on the end of the hose to the male fitting. This is situated on the end of the rifle. Make sure the connection is secure.

NEVER:

disassemble the pump. If it does not function correctly, consult the trouble shooting section of your manual. If symptoms still persist call your dealer. There is a risk of **overheating** when you pump continuously for a period of 10 minutes or longer. You can cool the system down letting it rest for 5 minutes or longer. If you are going to use the large air bottles, it is important that you do a maximum of 100 strokes, then release the air pressure, this removes the condensed water which accumulates in the special condensing chamber built into the pump system. After releasing the moisture you can continue pumping.



Stage 2

Check the bleed screw to make sure it is tight.

Please Note: always make sure your feet are kept on the foot plate, this makes for a secure base when pumping.

WARNING:

DO NOT PUT YOUR HANDS anywhere near the air release hole situated at the base of your pump when releasing air from the pump system.

SERIOUS DAMAGE CAN BE CAUSED IF YOU DO NOT ADHERE TO THIS WARNING.



ONLY:

use this high-pressure pump to fill **TESTED** air bottles and air cartridges.



Stage 3

Before pumping consult the manufacturers operator manual - this will give you the correct fill pressure for your air rifle, then start pumping. Lift the handle upward then the best way to pump is to use the speed and your body weight on the down stroke.

Stage 4

Once correct fill pressure has been reached, stop pumping. Release air pressure from the pump system via the bleed screw, this is situated underneath the pressure gauge and is a brass knurled screw. The releasing of air from the pump will make it easier for the female connector to be disconnected.

WARNING : do not try to release the female connector when under pressure as this can cause serious damage to either yourself or the gun.

CONGRATULATIONS



Welcome to the LOGUN family. Having bought this LOGUN product, you have become a member of a group of people, who not only insist upon but expect nothing but the best.

Logun's motto is "To make the best, or to make the best better".

This is why LOGUN has joined with AXSOR in Sweden to launch the LOGUN COMBI - PUMP. Please read all the information in this manual for optimum performance from your LOGUN COMBI- PUMP.

Airgun
SPECIALIST

Tim Finley, Field Target Champion and hunting ace.....

".....the LOGUN high pressure pump is a sturdy stirrup type, with an obvious high quality build, essential to generate the pressure of 200 BAR needed to fill a PCP air rifle. The whole operation took a lot less than 10 minutes and only the final strokes required any noticeable effort"

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ASSEMBLY OF LOGUN COMBI - PUMP

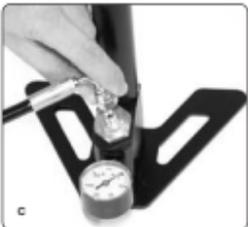
Diagram A Shows the pump unit ready for assembly with all the parts including the Allen key for putting the base together.



Diagram B Shows the pump unit with the base being fitted. (Allen key supplied).



Diagram C Shows the pump unit complete with the hose being fitted to the connector.



Each stage of assembly of the pump is straight forward. If problems occur during assembly please contact your dealer.

COMBI - NATION FITTINGS

The LOGUN COMBI-PUMP has been manufactured to exceptionally high standards to give the operator a wide variety of choices and set ups when filling a pneumatic air rifle. Please see below for the settings that can be achieved.

Diagram A Shows the pump with the hose fitted, this fitting on the end of the hose is 1/8" BSP female thread.



Diagram B Shows the pump with a Snap - On connector fitted (not supplied) to the end of the hose.



Diagram C Shows the pump with the large brass bottle adaptor fitted with a 400cc bottle screwed in place.



The above pictures show all the variations the LOGUN COMBI - PUMP can offer, for example **Dia A** shows a female 1/8" BSP thread which will screw straight onto a Falcon air-rifle. **Dia B** shows a hose with a Snap On connector fitted, this set up with the correct Snap on will fit just about any pneumatic air - rifle with a quick release system - on the market today. Finally **Dia C** shows the LOGUN COMBI - PUMP with a buddy bottle style screwed in place.