

## Procedure for Fitment and Use of Buddy Bottle Quick Fill Upgrades with Extender 03T1-QF01



**PLEASE THOROUGHLY FAMILIARISE YOURSELF WITH THE FITTING PROCEDURE. FAILURE TO FOLLOW THE FITTING INSTRUCTIONS COULD RESULT IN DAMAGE TO THE UNIT AND THE POSSIBILITY OF SUSTAINING PERSONAL INJURY**

**No modification of the gun stock is required if the correct extender is used.  
Please check clearances between the bottle and silencer once fitted.**

### Unit Fitment

1. It is not always required to remove the stock from the gun to fit the unit; however it may make the process easier. Find a suitable working area free of dirt and clutter and bring to hand the tools required to complete the job.
1. Ensure that the rifle is unloaded and remove the Buddy Bottle from the action in the normal way, to reveal the 1/4" BSP female port.
2. Screw the BEST Fittings Quick Fill Upgrade Unit into the port using the spanner provided on the 25mm hex. The stainless steel core will rotate inside the Anodized "Vee-Collar".



**NOTE: AVOID RUBBING THE VEE COLLAR WITH THE SPANNER AS IT MAY DAMAGE THE ANODIZED FINISH**

3. The bottle can then be screwed into the exposed female 1/4" BSP thread on the unit. The bottle valve will then engage with the pin in the unit causing it to open, and the bottle pressure will then read on the Micro Gauge. Continue to screw the bottle into the unit, until it stops. The bottle threads may become tight during the last few revolutions due to becoming pressurized, but continue to screw the bottle in up to the shoulder.

**WARNING - Remove the fill valve cover cap before installing a charged Buddy Bottle into the unit, failure to observe this procedure could result in eye injury from the cap being ejected from the fill valve.**



4. Now that the unit is now fitted to the gun, and the bottle can be filled without removal. To fill the gun, remove the Fill Valve Cover Cap and connect the Quick Coupler Socket supplied to your hose. Ensure the collar clicks forward and latches. Slowly fill the gun to the desired pressure, adhering to maximum working pressures of your equipment.

web: [www.best-fittings.co.uk](http://www.best-fittings.co.uk) email: [technical@best-fittings.co.uk](mailto:technical@best-fittings.co.uk)

Tel: #44 (0) 1747 312672

## Buddy Bottle and Unit Removal

**NOTE: DO NOT REMOVE THE BUDDY BOTTLE FROM THE GUN WITHOUT HOLDING THE UNIT STATIONARY WITH THE SPANNER. IF IN DOUBT, DRAIN THE BOTTLE BEFORE REMOVAL BY UNDOING THE GAUGE SLOWLY.**

1. Firstly remove the Buddy Bottle from the gun, and it is imperative that the spanner is used to keep the unit stationary if there is any air left in the bottle. The bottle valve is in the open position whilst fitted to the gun, so this must be disengaged by unscrewing the bottle slowly. Unscrew the bottle from the unit one complete turn (as though you were removing it from the gun as normal), and then fire off the air stored in the gun.

NOTE: The pressure displayed on the Micro Gauge will reduce with each blank shot fired if the valve has been disengaged correctly.



2. Once the gauge has reached zero pressure, the Buddy Bottle can then be fully removed from the unit.
3. The stock can now be removed from the action to make unit removal easier.
4. Continue to unscrew the Stainless Steel Core and Vee Collar from the Unit, revealing the extender and cover as pictured:

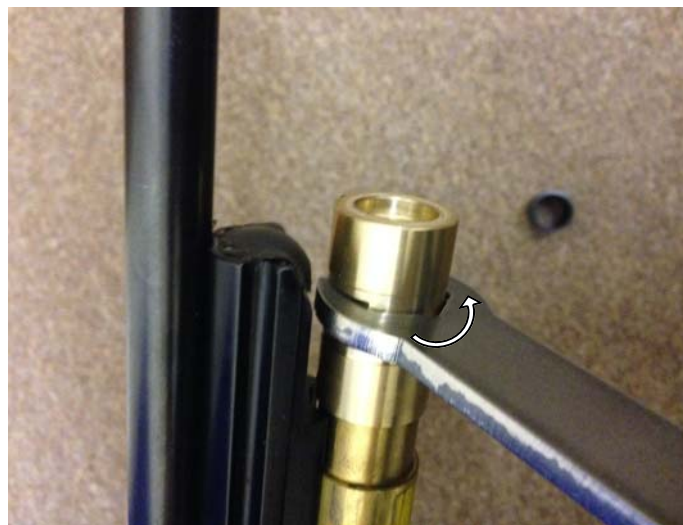


**NOTE: If the extender also unscrews from the gun with the Stainless Steel Core, this is fine, but ignore Step 5 and 6.**

5. Remove the Black Cover from the Extender to reveal the 20mm flats.



6. Remove the extender with the Spanner provided.



The gun is now back to standard, and the stock can be replaced.

**Please remember, if you are ever in doubt about the installation, operation or removal of this equipment, please contact the Technical Department at BEST Fittings Ltd on the following number: 01747 312 672 Ext. 2**



web: [www.best-fittings.co.uk](http://www.best-fittings.co.uk) email: [technical@best-fittings.co.uk](mailto:technical@best-fittings.co.uk)

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