

The design of the “Single Shot Nitro Powder Dispenser” is protected by a “Certificate of Registration of Design” issued by the “Intellectual Property Office”.

Operating Instructions for Anvil Conversions single shot Powder Dispenser.

The powder dispenser has been constructed to deliver a consistent measure of powder. However, on odd occasions over a significant number of dispensed measures extremes of +/- 0.2 grains can occur. This variation is normal for any measure determined by volume due to the many ways the powder can be distributed by gravity.

Remove the reservoir and fill with powder to a level just short of the threaded portion of the reservoir such that when the dispenser body is screwed onto the reservoir the powder will not be compressed.

Ensure that when delivering a dispensed measure the dispenser is held with the reservoir in a **vertical** position. This device relies on gravity to function properly. If the dispenser is held at an angle, the measure dispensed can be significantly less than required.

Once in position press the spring loaded slide firmly and positively. On occasions it can be felt to guillotine grains of powder caught between the slide and the body of the dispenser. After practise using the dispenser the operation will become natural and measures can be rapidly delivered as required.

If the slide begins to bind, do to fine particles of powder becoming caught between the slide and the body, the assembly can be stripped for cleaning.

Prior to stripping the dispenser remove the powder flask and ensure that the flask is positioned such that the powder cannot be spilt, this may be best assured by returning the powder to a container with a cap or lid. Undo the locking nut securing the slide retainer screw and remove both the screw and nut from the body. Be careful that the slide is not jettisoned by the return spring. Damage to the slide by falling onto a concrete floor can compromise the fine fit of the slide to the body. Once removed the slide and inside of the body can be polished. Goddards brass polish is particularly effective for this, as it leaves an invisible coating that lubricates and reduces oxidation of the brass. Ensure that if polish is used that the dry powder is completely polished off and the surfaces, particularly the slide hole, are completely clean and dry. Refit the spring, slide and retaining screw. Ensure the screw is carefully refitted and accesses the guide slot on the side of the slide. Screw in the retaining screw until it begins to lock the slide, at the point back off the screw one half turn, prior to tightening the locking nut.

At [Anvil Conversions](http://www.anvilconversions.co.uk) we are confident that the dispenser will operate with a range of powders. However, due to the different density of powders the weight of the dispensed measure will vary. To view other powders used with the dispenser visit our Web site at http://www.anvilconversions.co.uk/index_files/Page570.htm