

Precision Powder Baffle™

For the Dillon Auto Powder Measure



Item No.: T1278

The UniqueTek Precision Powder Baffle™ installs inside the powder hopper of your Dillon Auto Powder Measure and ensures a uniform flow of powder to the powder bar. The Precision Powder Baffle™ is compatible with all versions of the Dillon Auto Powder Measure that use two screws to attach the powder hopper tube to the powder measure body. It also fits the 'Belted Magnum' Powder System. The Precision Powder Baffle™ has not been tested in and may not fit older Dillon powder measures where the powder hopper tube is attached with epoxy.

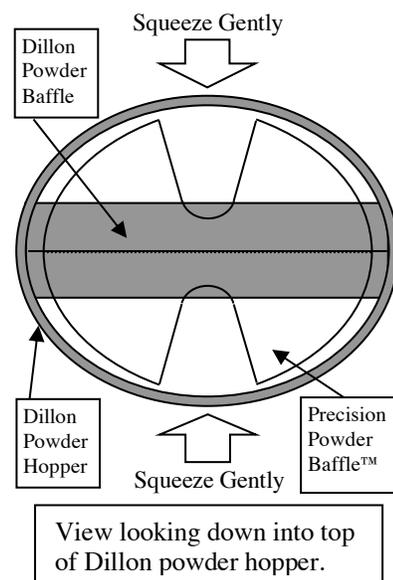
Note: If your powder hopper tube is old and cracked, squeezing the tube during this installation (see Step 5) may cause it to fail. You may wish to buy a new powder hopper tube, before installing the Precision Powder Baffle™. A replacement powder hopper tube can be purchased directly from Dillon Precision.

Installation

1. Empty all powder from the Dillon Powder Measure.
2. Remove the two screws that secure the powder hopper tube to the powder measure body and then remove the powder hopper tube.
3. Set the powder hopper upright on a table. Hold the Precision Powder Baffle™ over the top of the powder hopper tube so that it is aligned with the original Dillon powder baffle molded into the bottom of the powder hopper tube. Drop the Precision Powder Baffle™ into the powder hopper tube. It will drop in only about 1/3 of the way. **Do not force it in any further!**

4. Position your hands so that you are holding the powder hopper tube between your thumb and fingertips, and about 1/3 of the way up from the bottom. Position your fingers so that you are touching the powder hopper tube 90 degrees from the original Dillon powder baffle (see diagram at right).

5. Lift the powder hopper tube off the table and, while holding the powder hopper tube vertically, squeeze the powder hopper tube gently. The Precision Powder Baffle™ will drop into position on top of the original Dillon powder baffle. If it gets stuck part way down, reposition your hand at, or just below, the point where it is stuck and squeeze the powder hopper tube again. You may need to reposition your fingers and squeeze the powder hopper tube a couple of times before the Precision Powder Baffle™ will drop fully into position. When in proper position the Precision Powder Baffle™ will rest on top of the original powder baffle and the bottom tips of the Precision Powder Baffle™ will be protruding from the bottom of the powder hopper tube.



Caution: Do NOT use any tool to push the powder baffle down into the powder hopper tube as the edges of the Precision Powder Baffle™ are sharp and will scratch the powder hopper tube.

TIP: Due to the inevitable variations in the dimensions of the molded powder hopper, the Precision Powder Baffle may refuse to drop into position. You can remove it from the powder hopper tube and bend it more along the existing bend. Do not over-bend. We want the fit to be tight so as to not allow powder to flow around the perimeter of the baffle, but rather flow only through the two notches.

6. Install the powder hopper tube onto the powder measure body. You will notice that, as you lower the powder hopper tube into place, the Precision Powder Baffle™ will contact the inside of the powder measure body first and be pushed up slightly inside the powder hopper tube. This will push the Precision Powder Baffle to its final position approximately 1/4" above the original powder baffle.
7. Install the screws. DO NOT OVER TIGHTEN THE SCREWS as this may crack the powder hopper tube.

Low Powder Sensor:

If you have a Dillon Low Powder Sensor, the alarm follower rod may touch the Precision Powder Baffle™ before triggering the alarm. There are several ways of fixing this.

- 1) Shortening the follower rod approximately 1/4" will correct the interference.
- 2) You can also modify the follower rod to allow you to adjust the level at which the alarm sounds. This is a handy trick that will allow you to compensate for the metering characteristics of each gunpowder you use! Detailed instructions are available as one of our "Tips" files in the "FREE Tips Files" page of our web site using this link. <https://uniquetek.com/free-tips-files>
- 3) Or just send an email to info@uniquetek.com and request the "Adjustable Low Powder Sensor" Tips file.
- 4) Purchase a [UniqueTek Quick-Release Failsafe Rod Nut](#) (Item No.: T1753). It can be installed on the follower rod and positioned to trigger the alarm at a higher level.

Disclaimer: UniqueTek, Inc. is not liable for damages or personal injury that may be incurred as a result of using this product in an improper way or in a reloading press that has been improperly maintained or operated. It is your responsibility to ensure that your reloading equipment is properly assembled, is maintained in proper working condition, and is used according to the manufacturer's instructions and safe reloading practices.

Precision Powder Baffle™

For Dillon Powder Measures

The UniqueTek Precision Powder Baffle™ provides a uniform flow of gunpowder to the powder bar. Installation is a simple "drop in" procedure. Your Dillon powder hopper tube remains unmodified.

- Durable 20 Gauge Aluminum
- Water-Jet Cut to Precise Dimensions
- Easy to Install
- Fits Dillon Auto Powder Measure *
- Fits 'Belted Magnum' Powder System

* Fits all versions of the Dillon powder measure with two screws attaching the powder hopper tube to the powder measure body. Will NOT fit older Dillon powder measures where the powder hopper tube is held in place by epoxy.

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