

Quick-Release Failsafe Rod Nut

– For Dillon Reloading Presses

Item No.: T1753-1 (1-pack)

Item No.: T1753-3 (3-pack)

- ✓ Works with most versions of the Dillon Precision Powder Measure that have a Failsafe Rod (including, but not limited to, #20421, #22221 and #20782).
- ✓ Works with Dillon Belted Magnum Powder System.
- ✓ Works on all Dillon presses using the Dillon Powder Measure.
- ✓ Also works on Dillon Primer Early Warning System and Low Powder Sensor.
- ✗ Cannot be used on RL 1000, RL 300 or RL 450 Powder Measures.
- ✗ Cannot be used on Big 50, BL 550, AT 500, RL 450 or RL 300 presses.

Included:
– 1 Quick-Release Failsafe Rod Nut
– Instructions

This Quick-Release Failsafe Rod Nut replaces the Stripper Wing Nut (#13799) and Tinnerman Nut Insert (#13801) included in the Powder Measure Failsafe Assembly used on Dillon Precision Powder Measures. The Quick-Release feature allows quick installation and removal of the Powder Measure while providing normal screw adjustment of the Rod Spring (#14033) tension.

Note: Refer to the User Manual for your press to identify the Dillon part numbers referenced herein.

Removing Original Stripper Wing Nut from Failsafe Rod

- 1) Raise the press ram to its full upward limit. This releases tension on the Rod Spring (#14033).
- 2) Remove Stripper Wing Nut (#13799) with Tinnerman Nut Insert (#13801) by unscrewing it completely from the Failsafe Rod (†). Do not lose the Rod Spring (#14033) or Shoulder Washer (#18086).

TIP: Before removing, mark the Failsafe Rod where it enters the top of the Stripper Wing Nut. This mark will make installation and final adjustment of the Quick-Release Failsafe Rod Nut faster. A Sharpie® works fine for this purpose.

† Failsafe Rods vary by press: SDB (#16814), 550 (#97000), 650 & 750 (#13629), SL 900 (#17350), RL 1050, Super 1050 & RL 1100 (#13960).

Installing Quick-Release Failsafe Rod Nut

- 1) With the press ram fully up, install the Shoulder Washer and Rod Spring onto the Failsafe Rod followed by the Quick-Release Failsafe Rod Nut. The Quick-Release Failsafe Rod Nut should be installed with the small end up (see photos at right).
- 2) Position the top of the Quick-Release Failsafe Rod Nut even with the mark previously made on the Failsafe Rod and then tighten the cap ... about 1 full turn. Once tightened, the Quick-Release Failsafe Rod Nut will engage the threads of the Failsafe Rod.

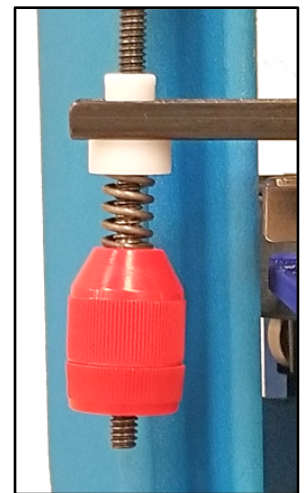
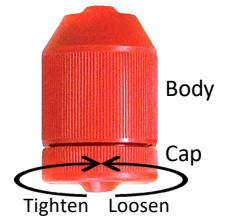
NOTES: 1) **Do not overtighten the cap.** Overtightening can break the collet fingers. It only needs to be just tight enough that the collet fingers grip the threads of the Failsafe Rod. If it is stiff to turn during final adjustment (see Step 4), it is probably too tight.

2) The Cap of the Quick-Release Failsafe Rod Nut is shipped fully loose to prevent the fingers of the collet from taking a set during storage. So, it may require slightly more than one full turn to tightly grip the Failsafe Rod during initial installation.

- 3) Lower the ram and press the operating handle forward as if seating a primer. While holding the operating handle forward, check the gap between the coils of the Rod Spring. The gap should be approximately 0.030" (the thickness of a Credit Card).

TIP: Use a strip cut from an expired Credit/Debit Card, Member Card, etc. as a feeler gauge.

- 4) While holding the operating handle forward, adjust the Quick-Release Failsafe Rod Nut up or down as needed to achieve a 0.030" gap between the coils of the Rod Spring. Adjust the Quick-Release Failsafe Rod Nut by turning the entire assembly as one piece.



Shown on XL 650 Press

IMPORTANT: Never adjust the Rod Spring such that there is zero gap between the coils when seating primers. Doing so places excessive forces on the Powder Measure and Failsafe Bracket, which can result in damage. It can also damage the collet inside the Quick-Release Failsafe Rod Nut.

Removing Quick-Release Failsafe Rod Nut

- 1) Raise the ram to its full upward limit. This releases tension on the Rod Spring.
- 2) Loosen the Quick-Release Failsafe Rod Nut by holding the Body and then unscrewing the Cap 1 full turn counterclockwise. The Quick-Release Failsafe Rod Nut will then slide easily off the Failsafe Rod. Remember to capture the Rod Spring and Shoulder Washer.

IMPORTANT: Never loosen cap of the Quick-Release Failsafe Rod Nut without first raising the press ram to release tension on the Rod Spring. Loosening the cap with tension of the Rod Spring will cause excessive wear to the collet inside the Quick-Release Failsafe Rod Nut.

IMPORTANT: If the Quick-Release Failsafe Rod Nut will be off the Failsafe Rod for an extended period of time, loosen the cap fully to prevent the fingers of the collet from taking a set.

Also Works on Primer Follower Rod

Fits the Primer Follower Rod ... allowing you to adjust the level at which the Primer Early Warning System triggers. This can be used to give you a "Heads Up" that it is time to check your powder level. The Quick-Release Nut will grip the Primer Follower Rod at any level you desire, won't scar the plastic rod, and only adds 0.16oz (less than the weight of a .45 ACP case). It is recommended that the Quick-Release Nut be installed with the small end down (see photo at right).

To install, simply remove the Primer Follower Rod from the primer magazine tube, slip the Quick-Release Nut onto the rod and tighten at the desired level. Then reinstall the Primer Follower Rod in the primer magazine tube.



Also Works on Low Powder Sensor

Fits the Low Powder Sensor follower rod ... allowing you to adjust the powder level at which the Low Powder Sensor triggers. This can be handy for certain gunpowders that tend to meter less accurately when the powder level gets low. The Quick-Release Nut will grip the Follower Rod at any level you desire. The Quick-Release Nut must be installed with the small end up (see photo at right). To install, remove the Low Powder Sensor assembly from the powder measure. Unscrew the knob at the top end of the follower rod or the nuts and washers at the bottom end of the follower rod (the bottom is usually easier). Slip the Quick-Release Nut onto the follower rod and tighten at the desired level. Reinstall the knob or washers on the follower rod. Once reassembled, return the Low Powder Sensor assembly to the powder measure.



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.