

FailSafe Bracket Kit

For Dillon RL 750 Presses

By Photo Escape, Inc.

Item No: T1746

Please refer to your Dillon XL 750 Instruction Manual for the part numbers referenced in the following instructions.

Removing Original Failsafe Bracket:

1. Disconnect Failsafe Return Rod (#13629) from Failsafe Return Bracket (#62325). Completely remove the Failsafe Wing Nut (#13799), Spring (#14033) and Failsafe Rod Bushing (#18086) from the Failsafe Return Rod (#13629). All parts will be reused except the Failsafe Rod Bushing. It is not necessary to disconnect the Failsafe Rod from the Powder Measure.
2. Remove the Failsafe Return Bracket (#62325) from the Platform Assembly (#75103) by removing two 8-32x.250" BH Screws (#14689).

Installing New FailSafe Bracket Kit:

1. Orient the new FailSafe Bracket for installation, then insert the end of the Failsafe Return Rod (#13629) down through the Brass Shoulder Washer. The Failsafe Wing Nut and Rod Spring will be installed later.
2. Position the new FailSafe Bracket against the Platform Assembly and install the replacement bolts in their respective holes but do not tighten. These bolts are longer than the original bolts to accommodate the increased thickness of the new FailSafe Bracket.
3. Slide the FailSafe Bracket fully to the left so that the two bolts are at the far-right end of their slots and then tighten both screws.
4. Use a 5/64" Hex Wrench to tighten the set screw on the Failsafe Bracket Kit. This set screw is added insurance that the Failsafe Bracket will not move during press operation.
5. Loosen the two 10-24x.750" (#14023) screws on the powder measure's Body Collar Clamp (#13939) just enough to allow the powder measure to be rotated on the Powder Die (#13990). Rotate the powder measure until the Failsafe Return Rod is vertical and then tighten the two screws.

NOTE: The Failsafe Return Rod must be as vertical as possible to operate smoothly. No adjustment of the Powder Die is needed.

6. Install the Spring and Failsafe Wing Nut on the Failsafe Return Rod. Adjust as described in in your Dillon XL 750 Instruction Manual.

Toolhead Changes:

When changing Toolheads, the set screw securing the Brass Shoulder Washer must be loosened and the Brass Shoulder Washer slid out of the FailSafe Bracket.

OR

If you detach the Powder Measure from the Toolhead before removing the Toolhead from the press frame, you can leave the Brass Shoulder Washer in place and, instead, remove the Failsafe Wing Nut and Spring, then lift the Powder Measure vertically off the Powder Die until the Failsafe Rod disengages from the Brass Shoulder Washer.

TIP: Once the Powder Measure has been removed from the Toolhead, you can easily and securely park it on a Dillon Toolhead Stand by using a UniqueTek Powder Measure Stand Adapter (Item No. T1573).

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 on 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.

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Allows Powder Measure to be rotated enough that the powder bar does not hit tall dies in Stations 3 or 4. Provides more positive return of Powder Bar to the same position every cycle of the press.

- 1/4" Thick FailSafe Bracket
- Brass Shoulder Washer
- 2, 8-32x1/2" Button Head Screws

Easy installation. All hardware Included.

Available At:

Item No: T1746

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