



SOLO Single Stage Press Conversion Kit™ **For Dillon 550 or 650/750 Presses**

By UniqueTek, Inc.

The *SOLO* Single Stage Press Conversion Kit™ converts your Dillon RL 550 or XL 650/750 press into a single stage press. This allows you to perform reloading operations that simply cannot be accomplished using a progressive reloading press ... or that are just easier to do with a single stage press.

Examples:

- G-Rx Base Sizing Die for .40 S&W (Redding Reloading)
- Primer Pocket Swager Die (CH4D, RCBS)
- Collet Bullet Puller Dies (Forster, Hornady, Lee, RCBS)
- Ram Prime Die (Lyman)
- Bullet Pointing/Tipping Die (Whidden Gunworks, Hoover)
- Shoulder Bump Dies
- Case Forming Dies *

* Not recommended for use with hydraulic case forming dies due to the potential for the case forming fluid (water, oil, alcohol, etc.) getting into places on the press that are difficult to clean.

Quick & Easy Installation:

Installation is as quick and easy as a caliber conversion. No permanent modifications are needed so you can convert back to progressive reloading just as quickly and easily.

Save Bench Space and Expense:

The *SOLO* Single Stage Press Conversion Kit™ eliminates the need to have a separate single-stage press. This saves you both the cost of the press and bench space.

Utilize The Full Power Of Your Press:

The *SOLO* Single Stage Press Conversion Kit™ is designed to utilize the full power of the Dillon press linkage. The force is aligned directly over the center of the ram and there is no shellplate to flex.

Dies:

The toolhead of the *SOLO* Single Stage Press Conversion Kit™ accepts industry standard 7/8"-14 dies.

Shellholders:

The *SOLO* Single Stage Adapter Bolt accepts most currently manufactured shellholders.

Included in Kit:

- 1 Single Stage Adapter Bolt
- 1 CNC Machined Single Stage Toolhead †
- Detailed Instructions

* Dies and shellholders are not included.

† Single Stage Toolhead comes with UniqueTek Toolhead Clamp Kit™ parts preinstalled.

SOLO Single Stage Press Conversion Kit and the *SOLO* logo are trademarks of UniqueTek, Inc.

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Installation

Installation of the *SOLO* Single Stage Press Conversion Kit™ is as simple as performing a caliber conversion.

* Refer to the Instruction Manual for your Dillon press for part numbers and their location on the press.

A. Preparing Press

1. Remove Toolhead and place on its toolhead stand.
2. Loosen the Brass Tip Set Screw (#13923) then remove the Shellplate Bolt (#13794), Index Sprocket (#13720), Shellplate (#20093) and Locator Buttons (#13930). Store Shellplate and Locator buttons on stand with toolhead. Set the Shellplate Bolt and Index Sprocket (550 only) aside in a safe place.
 - On an XL 650/750 press, also remove the Ejector Wire (#13298) and set it aside.
 - On an RL 550B press, it is not necessary to remove the Ejector Wire (#13925) as it will not be in the way.
3. Remove the Index Ball (#13891) and set aside in a safe place. It is recommended that you place a small strip of painter's tape over the hole in the platform, just to prevent any trash (spent primers, spilled powder, etc.) from falling into the hole.
XL 650/750 Press only: On an XL 650/750 press, also remove the Index Pawl (#13667) and set aside in a safe place so it doesn't become lost. Cover the slot in the platform with painter's tape.

B. Installing *SOLO* Single Stage Conversion Kit™

1. Screw the Single Stage Adapter Bolt into the ram finger tight, and then tighten the Brass Tip Set Screw (#13923).
2. Install the Toolhead that came with the *SOLO* Single Stage Press Conversion Kit™. The UniqueTek Toolhead Clamp Kit™ parts have been preinstalled in this toolhead. Use the screws and washers that come with the toolhead instead of the Toolhead Pins (#14008). Do not over tighten the screws!

C. Setting Up Dies

1. Install the appropriate shellholder in the top of the Single Stage Adapter Bolt.
NOTE: The spring clip is deigned to be very tight to ensure shellholders are precisely positioned. To make installation/removal easier, rotate the shellholder counter-clockwise during installation and clockwise during removal.
2. Install the die in the toolhead and set up as you normally would for any single stage press and in accordance with any manufacturer's instructions that came with the die.
3. You are now ready to use your Dillon Press in single stage mode.

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.

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