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Stuck Case Remover Kit

– Removes Stuck Cases from Resize Dies Using The Power of Your Single-Stage Reloading Press.

(Item #T1663)

✓ Works with most Single-Stage Reloading presses.
✓ Works with Small Primer or Large Primer Cases.

✗ Cannot be used on any progressive press*
* Except Dillon RL 550, XL 650 and XL 750 presses when equipped with the UniqueTek *SOLO* Single Stage Press Conversion Kit (Item# T1553).
✗ Not Recommended for any C-Frame press.
(e.g. Lee Breech Lock Hand press, Lee Breech Lock Reloader Press).
✗ Not Recommended for use on any press that does not have a solid cast metal frame.

Included in Kit:
– Stuck Case Puller Assembly
– #7 Drill Bit
– 1/4"-20 Thread Tap

This Stuck Case Remover Kit allows you to quickly remove stuck cases from sizing dies without damaging the die body or the Expander/Decap assembly. It is unique in that it utilizes the power of your single-stage reloading press to remove the stuck case.

WARNING: DO NOT ATTEMPT TO USE WITH CASES CONTAINING LIVE PRIMERS OR WITH LIVE AMMUNITION! SERIOUS INJURY COULD RESULT!

Instructions:

1. Clamp Resize Die in a vice. Pad the jaws so as not to damage die body.
2. Unscrew Expander/Decap assembly and pull back to clear the decap pin as far as possible from primer flash hole. Do not attempt to remove it from the die.
3. Use #7 Drill Bit to drill through the primer pocket and completely through the case web. Do not allow drill bit to enter case far enough to damage Expander/Decap assembly.
4. Use 1/4"-20 Thread Tap to cut threads through hole drilled in Step 4. Apply a drop of light oil to the hole to lubricate the tap. Turn the tap 1 full turn clockwise then back off 1/2 turn to clear brass chips. Repeat until completely through the case web.
5. Install Stuck Case Puller Assembly on press ram as if it were a shell holder. Make sure the 1/4"-20 screw is threaded fully into body of Stuck Case Puller Assembly, but do not tighten.
6. Raise the press ram to its fully up position.
7. Install die in press. Leave the Expander/Decap assembly backed out so it remains clear of case web. Screw the die down until the case just contacts the tip of the 1/4"-20 screw of the Stuck Case Puller Assembly. There is no need to tighten the die lock nut.

NOTE: It is critical that steps 6, 7 and 8 are done in the order as described. The ram must be at its fully up position as this is the point where the linkage generates the maximum leverage.

8. Use your fingers to turn the black thumb nut and engage 1/4"-20 screw into the threads cut through the case web. Continue until thumb nut is seated against base of case but do not tighten.
9. Screw Expander/Decap assembly partially back into die body but do not force decap pin into the tip of the Stuck Case Puller Assembly screw.
   Note: This may not be possible with some full length resize dies or with some short rifle cases. In that situation, leave Expander/Decap assembly loose.
10. Lower press ram to extract stuck case from die. It is helpful to apply firm pressure to the press operating handle, then bump it sharply with the heel of your hand. Continue lowering press ram and case will also be pulled off of Expander/Decap assembly.

Before reinstalling and setting up resize die in your press, it is highly recommended that you clean, inspect and lubricate the die. Pay particular attention to the Expander/Decap assembly.

NOTE: It is possible to have a case that is so stuck that this tool will not remove it. In that case, we recommend that you contact the die manufacturer. Some die manufacturers will remove suck cases for a service fee.

Suggested Reading: Tips File #8; "Cartridge Case Lubrication". (Download at: https://uniquetek.com/free-tips-files.)

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