PRIME

Prime the case according to instructions supplied with your press. For maximum accuracy, speed and convenience, we suggest use of the LEE AUTO BENCH PRIME. With this tool, you never touch the primer from box to shell. Built-in primer flipper turns them right side up. Primers are automatically fed and installed just as fast as you can place the shell in the holder.

CHARGE THE CASE

Select a load from the chart on the reverse side. This is the most critical decision you must make. An overcharge can blow up the gun and injure the shooter or persons nearby. It is dangerous to use a bullet of a greater weight with a charge for a lighter bullet. Never select a load intended for a bullet lighter than you are using. Loads for a slightly heavier bullet are safe. The Lee Dipper is the safest and easiest powder measure to use. Adjustable powder measures, like the LEE PERFECT POWDER MEASURE (#09260), should be double checked with a scale. Use the STARTING LOADS. You may work up to the NEVER EXCEED LOADS gradually, provided you know how to watch for pressure signs.

ADJUSTING DIE

First adjust the seating of bullets with minimum deformation. If you attempt to compress the charge, it may deform the bullet an objectionable amount. It will be necessary to modify thebullet seating punch to fit the bullet. If unable to do it yourself or have it done locally, we can do it for you. Send $14.00 along with a sample bullet, and order “Custom Seating Plugs for Sample Bullet” ($9.00 for the bullet + $5.00 for shipping). The Lee Auto Bench Prime Long steel lever has right mechanical advantage to perfectly seat primers for same inexpensive shell holders as Auto Prime. 09700

YOU CAN change dies instantly with a twist of the wrist; you’ll never have to re-adjust your die.

FACTORY CRIMP™ DIE

Screw the Lee Factory Crimp Die in to touch the shell holder, plus 1/8 turn more. Adjust in for a heavier crisp. It is usually best to start with too little crisp, as you can readjust and crisp again to suit your needs. When the four splits in the collet are closed, maximum crisp has been achieved. Do not try for more as the die will be damaged and the crisp excessive. Bullets do not need a crisp groove as the Lee Factory Crimp Die will form one while crimping. However, it requires a harder push on the pros lever to form the crisp.

CAUTION

Ammunition reloading can be dangerous if done improperly and should not be attempted by persons not well trained and able to read and follow instructions exactly. Children should not be permitted to reload ammunition without strict parental supervision. Always wear safety glasses when reloading and shooting. Ammunition loaded with these tools and data should only be used in modern guns in good condition. We do not accept responsibility for ammunition loaded with these tools or data as we have no control over the manufacture and storage of components or the loading procedure and techniques. Primers and gun powders, like gasoline and matches, can be dangerous if improperly handled or misused.

LEE ULTIMATE RIFLE DIE SET

COMPLETE INSTRUCTIONS FOR LEE 4-DIE SET

1 INSPECT, PREPARE YOUR CASES

Inspect your cases to be sure they are safe for reloading. Discard all cases with split necks, indications of hard deformation or other internal damage. The Ultimate 4-Die Set is equipped with both the Full Length Sizer and Collet Neck Sizer for semi-auto rifles or reloading mixed range brass. Use the collet sizer for bolt action rifles or cases that have been fired in your gun only. If you are using the Collet Neck Sizing Die, try the empties in your gun chamber before you start to reload. If they do not fire freely, you must use the Full Length Sizer.

After a few loadings, cases tend to get longer. This could be dangerous if the case were so long that it would pinch the bullet in the end of the chamber. Pressure high enough to damage the gun could result. A convenient way to trim to the correct safe length is with the Lee Quick Trim Case Trimmer. Install the appropriate Quick Trim Die — and 5 quick turns of the crank will yield a perfectly trimmed and chamfered case. 90437 Deluxe Quick Trim

2 PRIME

Wipe on a thin film of Lee Case Lubricant with your thumb or finger. Fingers are the best way of luting as any grit that could damage the die is felt and can be wiped away. Be sure to lube the inside of the case neck with a cotton swab. The case may be immediately sized or let the lube dry. Lee Lube may also be thinned with up to 1 part water for easier application and greater economy. If thinned, let case dry before sizing.

3 CHARGE THE CASE

Screw the full length sizer in until it touches the shell holder. Then lower the ram and screw the die in 1/16 turn and then tighten the lock ring finger tight. The die is retainered by a collet. Should it be overstressed by an obstruction; it simply slides up without damage. To reset, loosen the decapper clamp and position the decapper clamp and position the decapper flush with clamp end and retighten. Considerable torque may be necessary. A 5 1/8” and 1 7/8” wrench are necessary.

4 EASY ADJUST DEAD LENGTH BULLET SEATING DIE

Install the appropriate Quick Trim Die — and 5 quick turns of the crank will yield a perfectly trimmed and chamfered case.

5 FACTORY CRIMP™ DIE

Rigid cast iron construction with steel castings. Durable powder coated finish, with the largest opening and longest stroke in the industry. Adjustable handle from right to left and length. Swing position is fully adjustable with a 48-tooth ratchet type handle clamp. The industry’s largest 1/4” diameter ram, supported by over 12 square inches of ram bearing surface. Built in primer catcher with tube for direct trash disposal! Lee Leve Prime System protects bottom of stroke priming for unmatched sensitivity. Includes both large and small priming arms. No need to fumble with tiny guides and springs when changing primer size. Frame machined to accept Lee Quick Change Breech Lock Die bushings. Change dies instantly with a quick 1/5 turn. 90999

FACTORY CRIMP™ DIE

Factory Crimp Die will form one while crimping. However, it requires a harder push on the pros lever to form the crisp.