Lee Reloading Dies
COMPLETE INSTRUCTIONS FOR LEE RIFLE DIE SETS

1. Prepare Your Cases
Inspect your cases while lubricating them. Discard all cases with split necks, indications of head separation or other defects. Wipe on a thin film of Lee Case Lubricant with your fingers. Fingers are the best way of lubing a case as any grit that could damage the die is 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 can be thinned with up to four parts water for easier application and greater economy. If thinned, let the case dry before sizing.

2. Prime
The easiest, most convenient bench mounted priming tool ever. Effortless right or left hand operation. Includes priming assemblies for large and small primers,— you change primer size or shell holders in seconds. Includes the new folding tray — built-in primer flipping feature allows direct filling from large primer boxes.

3. Charge the Case
Obtain load data from a reliable source. 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 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.

4. Bullet Seating Die
Install a loaded round into the shell holder you wish to duplicate. Raise the ram to the top of the stroke and hold. Screw the bullet seating die in until it stops turning; release the lever, thread in additional 1/8 turn. Finger tighten lock ring. Now, screw the bullet seating adjusting screw in until you feel it touch the tip of the bullet. Your die is set. Bullets should be seated deep enough to work through the gun’s action. See MAXIMUM OVERALL LENGTH on load data. If more crimp is desired, screw die in slightly and test until proper crimp is formed. Cases must be trimmed to the same length to provide a uniform crimp. Excessive crimp causes the bullet seater to deform soft nose bullets.

5. Factory Crimp™ Die
(SNOT INCLUDED WITH LIMITED PRODUCTION DIES)
Screw the Lee Factory Crimp Die in to touch the shell holder, plus 1/2 turn more. Adjust in for a heavier crimp. It is usually best to start with too little crimp, as you can readjust and crimp again to suit your needs. When the four splits in the collet are closed, maximum crimp has been achieved. Do not try for more as the die will be damaged and the crimp excessive. Bullets do not need a crimp groove as the Lee Factory Crimp Die will form one while crimping. However, it requires a harder push on the press lever to form the crimp.

6. Check Your Cases
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. The simplest way to check the case and trim to the correct length is with the Lee Case Trimmer.

Lee Auto Bench Prime 90700 Uses the same special, but inexpensive shell holders as the hand-held Lee New Auto-Prime and the Lee Ergo Prime.

Lee Safety Powder Scale 90681
It is the easiest to use, most accurate and sensitive powder scale. The exclusive safety beam has a stainless steel razor edge for maximum sensitivity. You can be sure that the Lee Safety Scale will retain its original factory accuracy for as long as it is not physically broken.

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Lee Zip Trim 90899
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