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Lee Precision 90254

Lee Precision 90254 Classic Loader, 9mm Luger Instruction Manual

Brand: Lee Precision

Model: 90254

1. INTRODUCTION AND OVERVIEW

The Lee Precision 90254 Classic Loader for 9mm Luger is a comprehensive, portable reloading system designed for precision and ease of use. This kit provides all essential tools required to reload 9mm Luger cartridges, excluding only a rubber mallet, which must be acquired separately. The Classic Lee Loader is known for its simplicity and effectiveness in producing quality ammunition.

For the 9mm Luger caliber, this specific Classic Lee Loader performs a full-length resizing of the cases, which is crucial for reliable feeding in semi-automatic, pump, and lever-action firearms. It is important to note that while some Classic Lee Loaders for other calibers may only neck size, this 9mm version is designed for full-length resizing.

The kit includes durable steel loader parts and a plastic powder dipper, along with complete instructions to guide users through the reloading process.

2. SAFETY INFORMATION

Reloading ammunition involves handling potentially hazardous materials and equipment. Strict adherence to safety protocols is paramount to prevent injury or property damage.

- Always wear appropriate personal protective equipment, including safety glasses, during all reloading operations.
- Work in a well-ventilated area to minimize exposure to airborne particles and fumes.
- Keep all reloading components, especially primers and powder, away from heat, open flames, and static electricity. Store them in their original containers in a cool, dry, and secure location, inaccessible to children and unauthorized individuals.
- Never smoke while reloading or handling powder and primers.
- Follow all powder manufacturer's recommendations for charge weights. Never exceed maximum recommended loads.
- Ensure your reloading area is clean, organized, and free from distractions.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Handle with care and wash hands thoroughly after use.

- If a round does not look or feel right, do not use it. Disassemble it safely.
- Consult reputable reloading manuals for additional safety guidelines and load data.

3. PACKAGE CONTENTS

The Lee Precision 90254 Classic Loader kit for 9mm Luger typically includes the following components:

- Steel Loader Body
- Decapping Chamber
- Decapping Pin
- Priming Chamber
- Bullet Seating Die
- Powder Dipper (specific to 9mm Luger powder charges)
- Load Data Sheet (often included with the dipper)
- Instructions Manual

Note: A rubber mallet is required for operation and is not included in this kit. A flaring tool is also not included.



Image: The Lee Precision 90254 Classic Loader kit, showing the various steel components and the yellow powder dipper neatly arranged

within its red plastic storage case. The case is open, displaying the tools for 9mm Luger reloading.

4. SETUP INSTRUCTIONS

The Lee Classic Loader is designed for simplicity and portability, requiring minimal setup.

1. **Workspace Preparation:** Choose a sturdy, flat, and clean work surface. A workbench or a solid table is ideal. Ensure adequate lighting and ventilation.
2. **Gather Components:** Lay out all components of the Lee Loader kit, along with your brass cases, primers, powder, and bullets. Have your rubber mallet readily accessible.
3. **Review Instructions:** Before beginning, thoroughly read the entire instruction manual provided with your kit, paying close attention to the specific load data for 9mm Luger.

5. OPERATING INSTRUCTIONS

Follow these steps carefully to reload 9mm Luger cartridges using your Lee Classic Loader. Always verify each step and consult your load data.

5.1. Decapping and Resizing

1. Place an empty, fired 9mm Luger case into the decapping chamber.
2. Insert the decapping pin into the flash hole of the case.
3. Place the decapping chamber with the case and pin onto a solid surface (e.g., a wooden block or concrete floor).
4. Strike the top of the decapping pin sharply with the rubber mallet to push out the spent primer and simultaneously full-length resize the case. The case will be pushed through the chamber.
5. Retrieve the resized case. Inspect it for cracks or damage. Clean the primer pocket if necessary.

5.2. Priming

1. Place a new primer (small pistol primer for 9mm Luger) into the priming chamber, open side up.
2. Place the resized case, mouth up, over the primer in the priming chamber.
3. Place the bullet seating die (or appropriate tool as per manual) on top of the case.
4. Strike the top of the die with the rubber mallet until the primer is fully seated. Ensure the primer is flush or slightly below the case head surface. Do not crush the primer.

5.3. Powder Charging

1. Consult the load data provided with your Lee Loader for the correct powder type and charge weight for 9mm Luger. Use only the included powder dipper.
2. Fill the powder dipper level with the recommended powder. Do not compress the powder.
3. Carefully pour the powder from the dipper into the primed case. Ensure all powder enters the case.

5.4. Bullet Seating and Crimping

1. Place the powder-charged case into the bullet seating die.
2. Place the bullet on top of the case mouth.
3. Place the bullet seating stem (if separate) on top of the bullet.
4. Strike the bullet seating stem (or die) with the rubber mallet until the bullet is seated to the correct overall length (OAL) as specified in your load data. The Lee Loader also applies a factory crimp during this step.

5. Remove the completed cartridge from the die.
6. Inspect the finished cartridge for proper OAL, bullet seating depth, and crimp. Ensure there are no bulges or deformities.

Important: Always double-check your work. Inconsistent powder charges or improper bullet seating can lead to dangerous conditions. If you are unsure about any step, stop and consult a comprehensive reloading manual or an experienced reloader.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your Lee Classic Loader.

- **Cleaning:** After each use, wipe down all steel components with a clean, dry cloth to remove powder residue, brass shavings, and any moisture.
- **Lubrication:** Apply a very light coat of rust preventative oil to all steel parts, especially if storing for extended periods. Avoid getting oil on the decapping pin or inside the dies where it could contaminate powder or primers.
- **Storage:** Store the loader and its components in the original plastic case in a dry environment to prevent corrosion.
- **Inspection:** Periodically inspect all parts for wear, damage, or corrosion. Replace any damaged components immediately.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions when using the Lee Classic Loader:

Problem	Possible Cause	Solution
Primer not seating flush/fully	Insufficient force applied; dirty primer pocket; incorrect primer size.	Strike harder with the mallet; clean primer pocket thoroughly; ensure correct small pistol primers are used.
Bullet not seating to correct OAL	Insufficient force; bullet seating stem not properly aligned; incorrect bullet type for specified OAL.	Apply more consistent force; ensure bullet and stem are centered; verify bullet type matches load data.
Case difficult to resize/extract	Case not properly lubricated (though Lee Loaders typically don't require case lube for pistol calibers, excessive force indicates an issue); dirty die.	Ensure the die and case are clean. For 9mm, full-length resizing is done by pushing the case through the die. If it's stuck, ensure proper alignment and sufficient force.
Inconsistent powder charges	Inconsistent dipper technique; powder bridging in dipper.	Use a consistent, level scoop technique; tap the dipper gently to settle powder before leveling. Consider weighing charges periodically for verification.

If you encounter issues not listed here, refer to the detailed instructions provided with your kit or contact Lee Precision customer support.

8. SPECIFICATIONS

Feature	Detail
Cartridge Compatibility	9mm Luger
Model Number	90254
Brand	Lee Precision
Material	Steel loader parts, plastic powder dipper
Resizing Type	Full-length resizing (for 9mm Luger)
Included Components	Classic Reloader Kit (excluding rubber mallet and flaring tool)
Item Weight	0.68 Pounds (approx.)
Item Dimensions (LxWxH)	6 x 5 x 2 inches (approx.)
Package Weight	0.44 Kilograms (approx.)

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact Lee Precision directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

Lee Precision Contact Information:

Website: leeprecision.com

Refer to the official Lee Precision website for the most current contact details and support resources.

