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Lee Precision 16/20-Gauge Wad Guide

Lee Precision 16/20-Gauge Wad Guide Instruction Manual

For use with Lee Load-All II Reloading Press

1. INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of your Lee Precision 16/20-Gauge Wad Guide. This component is designed as a replacement or accessory for the Lee Load-All II reloading press, specifically for 16-gauge and 20-gauge shotgun shell reloading. Please read these instructions thoroughly before use to ensure safe and efficient operation.

2. PRODUCT OVERVIEW

The Lee Precision 16/20-Gauge Wad Guide is a critical component for guiding shotgun wads accurately into the shell during the reloading process. It ensures proper alignment and seating, which is essential for consistent and safe ammunition.



Image: The Lee Precision 16/20-Gauge Wad Guide. This image displays the plastic wad guide component, typically used in shotgun shell reloading.

Key Features:

- Designed for 16-gauge and 20-gauge shotgun shells.
- Compatible with the Lee Load-All II reloading press.
- Facilitates accurate wad seating.
- Durable construction for reliable performance.

3. SAFETY INFORMATION

Reloading ammunition involves inherent risks. Always follow all safety guidelines provided with your reloading press and components.

- Always wear appropriate personal protective equipment, including safety glasses.
- Ensure your reloading area is well-lit and free from distractions.
- Keep all reloading components and tools out of reach of children and unauthorized persons.
- Never force components. If a component does not fit or operate smoothly, stop and investigate the cause.

- Refer to your Lee Load-All II manual for specific safety instructions related to the press itself.

4. SETUP AND INSTALLATION

The 16/20-Gauge Wad Guide is designed for straightforward installation into your Lee Load-All II reloading press.

1. **Prepare the Press:** Ensure your Lee Load-All II reloading press is clean and free from any debris. If replacing an existing wad guide, carefully remove the old component.
2. **Identify the Wad Guide Slot:** Locate the designated slot on your Load-All II press where the wad guide is inserted. This is typically above the shell plate and below the wad seating station.
3. **Insert the Wad Guide:** Gently slide the 16/20-Gauge Wad Guide into its slot. It should fit snugly without excessive force. Ensure it is oriented correctly, with the wider opening facing upwards to receive the wads.
4. **Verify Seating:** Confirm that the wad guide is fully seated and stable. It should not wobble or move freely during operation.
5. **Test Functionality:** Before loading live ammunition, perform a few dry cycles with empty hulls and wads to ensure the guide is functioning correctly and wads are feeding smoothly.

5. OPERATING INSTRUCTIONS

Once installed, the wad guide assists in the efficient and accurate seating of wads.

1. **Place Shell Hull:** Position a primed shotgun shell hull onto the appropriate station of your Lee Load-All II press.
2. **Add Powder:** Dispense the correct amount of powder into the hull according to your reloading data.
3. **Insert Wad:** Place a 16-gauge or 20-gauge wad into the top opening of the wad guide. The guide will center the wad over the hull.
4. **Seat Wad:** Operate the press handle to lower the wad seating ram. The wad guide will ensure the wad is pushed straight and evenly into the hull, compressing the powder charge.
5. **Continue Reloading Process:** Proceed with adding shot and crimping the shell as per your Load-All II instructions.

Note: Always consult reliable reloading manuals for specific load data and procedures.

6. MAINTENANCE

Regular maintenance ensures the longevity and proper function of your wad guide.

- **Cleaning:** Periodically clean the wad guide to remove any powder residue, plastic shavings, or other debris. A soft brush or cloth can be used. Avoid harsh solvents that may damage the material.
- **Inspection:** Inspect the wad guide for any signs of wear, cracks, or damage. A worn or damaged guide can lead to improper wad seating.
- **Replacement:** If the wad guide shows significant wear or damage, replace it immediately with a genuine Lee Precision replacement part to maintain optimal performance and safety.

7. TROUBLESHOOTING

While the wad guide is a simple component, issues can arise if not properly installed or maintained.

- **Wads Not Seating Straight:**

- Ensure the wad guide is fully and correctly seated in the press.
- Check the wad guide for any damage or excessive wear that might cause misalignment.
- Verify you are using the correct size wads for the gauge.

- **Wads Sticking in Guide:**

- Clean the wad guide thoroughly to remove any residue.
- Ensure wads are not oversized or deformed.

- **Wad Guide Loose:**

- Re-seat the wad guide firmly into its slot.
- If it continues to be loose, inspect the press's wad guide slot for damage or wear.

8. SPECIFICATIONS

- **Product Type:** Wad Guide
- **Gauge Compatibility:** 16-Gauge, 20-Gauge
- **Compatibility:** Lee Load-All II Reloading Press
- **Material:** Other
- **Manufacturer Part Number:** LEE90081
- **Dimensions (Approximate Package):** 1.4 x 1 x 1 inches
- **Weight (Approximate Package):** 16 ounces
- **Country of Origin:** USA

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Lee Precision website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Lee Precision Contact Information:

- **Website:** www.leeprecision.com
- **Customer Service:** Refer to the website for current contact methods (phone, email, etc.).