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> RCBS Primer Plug/Sleeve/Spring SM User Manual

RCBS 9553

RCBS Primer Plug/Sleeve/Spring SM User Manual

Model: 9553 | Brand: RCBS

INTRODUCTION

This manual provides essential instructions for the proper use and maintenance of your RCBS Primer Plug/Sleeve/Spring, Small (Model 9553). This component is designed for small primers and is an integral part of the priming mechanism in compatible RCBS reloading presses. Adhering to these instructions will ensure safe and efficient operation, contributing to the longevity of the product and the quality of your reloading process.

SAFETY INFORMATION

Reloading ammunition involves inherent risks. Always follow established safety protocols and wear appropriate personal protective equipment, including eye protection. Ensure your reloading area is well-ventilated and free from distractions. Keep all reloading components, especially primers, away from children and unauthorized individuals. Refer to your reloading press manual for specific safety guidelines related to its operation.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PRODUCT OVERVIEW

The RCBS Primer Plug/Sleeve/Spring assembly is a replacement part for RCBS reloading presses, specifically designed for seating small primers. It consists of three main components:

- Primer Plug:** The component that directly contacts and seats the primer into the primer pocket.
- Primer Sleeve:** Guides the primer plug and primer into position.
- Spring:** Provides the necessary tension and return action for the primer plug and sleeve during the priming stroke.



Figure 1: The RCBS Small Primer Plug, Sleeve, and Spring assembly. This image displays the complete unit, featuring the black primer plug at the top, the primer sleeve below it, and the coiled metal spring wrapped around the lower portion, ready for installation into a reloading press.

SETUP AND INSTALLATION

1. **Disassembly (if replacing):** If replacing an existing primer assembly, carefully remove the old primer plug, sleeve, and spring from your reloading press according to your press's instruction manual.
2. **Inspection:** Inspect the new RCBS Primer Plug/Sleeve/Spring assembly for any manufacturing defects or damage.
3. **Lubrication (Optional):** A very light coat of appropriate lubricant (e.g., dry film lubricant) can be applied to the exterior of the primer sleeve to ensure smooth operation, if recommended by your press manufacturer. Avoid getting lubricant on the primer seating surface.
4. **Installation:** Insert the spring onto the primer sleeve, then place the primer plug into the top of the sleeve. Refer to your specific RCBS reloading press manual for detailed instructions on how to correctly install this assembly into the priming arm or station of your press. Ensure all components are seated properly and securely.
5. **Function Check:** Manually cycle the press arm to verify that the primer assembly moves freely and returns to its original position without binding.

OPERATING INSTRUCTIONS

This primer assembly is used in conjunction with your reloading press to seat small primers into cartridge cases. Always follow the specific operating procedures outlined in your reloading press manual.

- 1. Primer Selection:** Ensure you are using small primers that are compatible with your cartridge and the RCBS Small Primer Plug/Sleeve/Spring.
- 2. Case Preparation:** Prepare your cartridge cases by cleaning, resizing, and decapping them as necessary. Ensure the primer pockets are clean and free of debris.
- 3. Priming Process:**
 - Place a single small primer into the primer cup or on the priming arm, ensuring it is oriented correctly (anvil up).
 - Position the prepared cartridge case over the primer plug.
 - Slowly and steadily operate your reloading press handle to bring the primer plug into contact with the primer, seating it into the primer pocket of the case.
 - Apply firm, consistent pressure until the primer is fully seated, flush with or slightly below the case head. Avoid excessive force, which can deform the primer or case.
 - Retract the press handle to complete the priming stroke.
- 4. Inspection:** Visually inspect each primed case to confirm the primer is seated correctly and not crushed or tilted.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your primer assembly.

- Cleaning:** Periodically clean the primer plug, sleeve, and spring to remove primer residue, carbon, and other debris. Use a soft cloth or brush. Avoid harsh chemicals that could damage the finish or material.
- Inspection:** Regularly inspect the primer plug for wear, especially on the seating surface. Check the spring for any signs of fatigue, bending, or breakage. Ensure the sleeve is not bent or obstructed.
- Replacement:** If any component shows significant wear, damage, or fails to function correctly, replace the entire assembly with a genuine RCBS part (Model 9553).
- Storage:** Store the primer assembly in a clean, dry environment when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Primer not seating fully or consistently.	- Worn primer plug. - Dirty primer pocket. - Insufficient press stroke. - Incorrect primer size.	- Replace primer plug/sleeve/spring assembly. - Clean primer pockets thoroughly. - Adjust press linkage or ensure full stroke. - Verify correct small primer usage.
Primer crushed or tilted during seating.	- Excessive force applied. - Primer not aligned correctly. - Damaged primer plug or sleeve.	- Apply consistent, moderate pressure. - Ensure primer is flat in the cup/arm before seating. - Inspect and replace damaged components.
Primer assembly binds or sticks.	- Accumulated residue. - Bent sleeve or spring. - Lack of lubrication (if applicable).	- Clean all components thoroughly. - Inspect and replace damaged components. - Apply light lubricant as per press manual.

SPECIFICATIONS

Model Name	9553
Part Number	9553
Brand	RCBS
Included Components	Primer Plug, Sleeve, Spring (Small)
Item Weight	0.1 Pounds (approx. 0.05 kg)
Item Dimensions (LxWxH)	1 x 1 x 1 inches (approx. 2.54 x 2.54 x 2.54 cm)
Material	Blend
Color	Multi

WARRANTY AND SUPPORT

RCBS products are known for their quality and durability. For specific warranty information, product support, or to purchase replacement parts, please refer to the official RCBS website or contact their customer service department. Always use genuine RCBS replacement parts to ensure compatibility and maintain product performance.

You can visit the RCBS Store for more information: [RCBS Official Store](#)

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