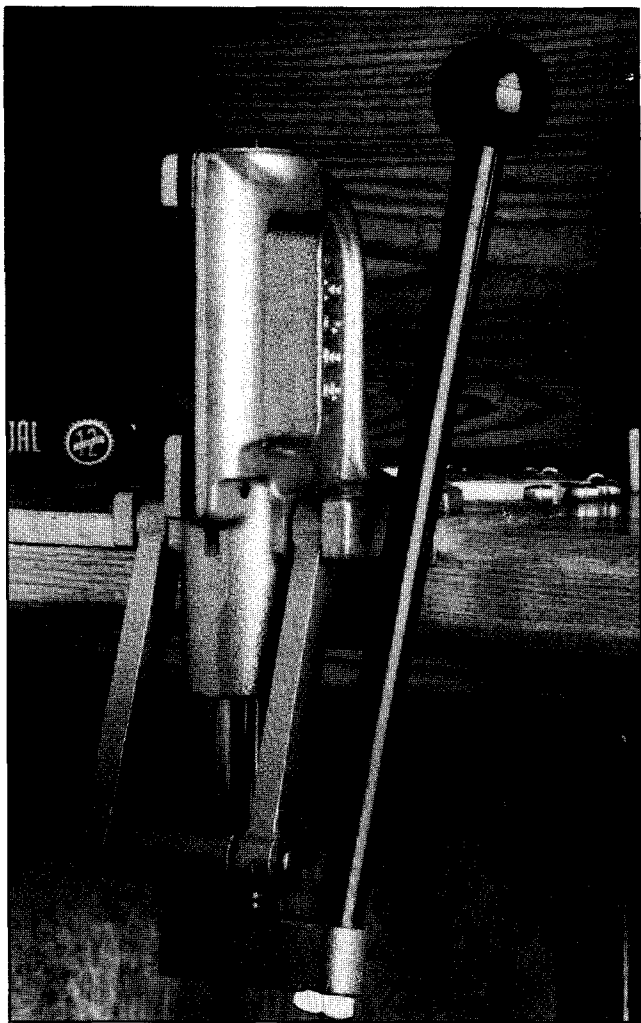


# ***RCBS***

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# **ROCK CHUCKER PRESS**



PRODUCT INSTRUCTIONS

# SAFETY

Reloading is an enjoyable and rewarding hobby that can be conducted safely. But carelessness or negligence can make reloading hazardous. This product has been designed from the beginning with the user's safety in mind.

When reloading, some safety rules must be followed. By observing these rules, the chance of a hazardous occurrence causing personal injury or property damage is minimized.

## GENERAL

- Use all equipment as the manufacturer recommends. Study the instructions carefully and become thoroughly familiar with the operation of the tool. Don't take shortcuts.
- Observe "good housekeeping" in the reloading area. Keep tools and components neat, clean and orderly. Promptly and completely clean up primer and powder spills.
- Reload only when you can give your undivided attention. Do not reload when fatigued or ill. Develop a reloading routine to avoid mistakes. Avoid haste—load at a leisurely pace.
- Always wear adequate eye protection.
- If any unusual resistance is encountered when moving the operating handle, STOP IMMEDIATELY and investigate the cause. To proceed against unusual resistance may damage equipment and/or cause serious personal injury!

## LOADING DATA

- Use only laboratory tested reloading data. We highly recommend the use of the SPEER Reloading Manual.
- OBSERVE ALL WARNINGS ABOUT THE USE OF MAXIMUM LISTED LOADS.

## PRIMERS AND POWDER

- Store primers and powder beyond the reach of children and away from heat, dampness, open flames, and electrical equipment.
- DO NOT use primers of unknown identity.
- Keep primers in original factory container until ready to use. Return unused primers to the same factory packaging for safety and to preserve their identity.
- DO NOT store primers in bulk. The blast of just a few hundred primers is sufficient to cause serious injury to anyone nearby.
- DO NOT force primers. Use care in handling primers.
- DO NOT use any powder unless its identity is positively known. Discard all mixed powders and those of uncertain or unknown identity.
- If you use a powder measure, replace the lids on both the powder hopper and powder can after the powder hopper has been filled.
- Before charging cases, settle the powder in the powder hopper. Load and check the weight of at least ten charges. This will assure you that the correct powder charge is being loaded.
- After a reloading session ends, pour the remaining powder back in its original factory container. This will preserve the identity and shelf life of the powder.
- DO NOT smoke while handling powder or primers.

## RECORD KEEPING

- Keep complete records of reloads. Apply a descriptive label to each box showing the date produced, and the primer, powder and bullet used. Labels for this purpose are packed with SPEER bullets.

Since RCBS has no control over the choice of components, the manner in which they are assembled, the use of this press, or the guns in which the resulting ammunition may be used, no responsibility, either expressed or implied, is assumed for the use of ammunition reloaded with this press.

## INTRODUCTION

The Rock Chucker Press has been designed specifically for heavy-duty reloading, case forming, and bullet swaging. It is engineered to handle the largest and longest magnums down to .17 caliber. Because of the compound leverage system the Rock Chucker Press can full-length resize cases with less effort than other presses neck size. Using RCBS Case Forming Dies this press will form .30-06 cases into many other calibers.

By combining the famous RCBS block "O" frame with the compound leverage system, the Rock Chucker will develop work pressure that would spring other presses out of alignment. To insure alignment under these pressures, the Rock Chucker press frame provides a full four inches of ram-bearing surface to rigidly support the one inch diameter main ram. The compound leverage action is similar to that of a power punch press. As the handle pressure increases, the leverage is compounded, building up maximum work pressure in the main ram as it travels the full length of the stroke. The toggle block, links and pins are engineered to withstand the punishment of heavy-duty reloading. The handle is made of solid steel and features a comfortable ball-type handle grip. The Rock Chucker Press has standard  $\frac{7}{8}$ -14 thread for most popular reloading dies and accessories.

## ACCESSORIES

The Rock Chucker Press is designed to utilize the Universal Primer Arm. This priming system is equipped with interchangeable primer plugs and sleeves for seating large and small primers. A unique, flat return spring helps prevent the spent primers from jamming the primer arm action.

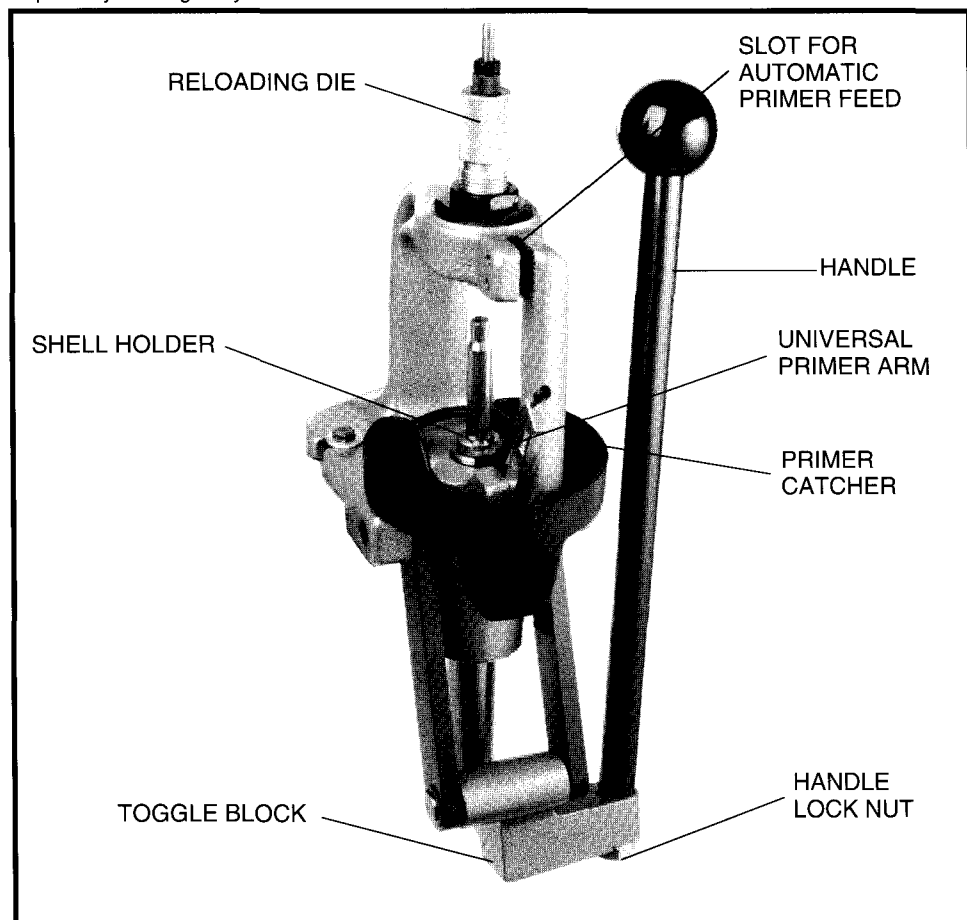
The Primer Catcher keeps spent primers from dropping to the floor and is easily removed for emptying.

## UNPACKING

Unpack the press carefully and look for the items listed below. Refer to the parts list for identification.

- Press
- Handle
- Primer Catcher
- Accessory Pack: Contains handle nut, Universal Primer Arm, large and small primer plugs and sleeves, coil spring, setscrews for Automatic Primer Feed and case resizing lubricant

Report any shortage to your dealer.



## INSTALLATION

Mount the Rock Chucker Press to a sturdy workbench or table with two  $\frac{3}{8}$ " bolts of sufficient length to penetrate the press base and bench.

Install the threaded portion of the handle through the toggle block. Attach the handle nut and tighten firmly. The handle nut must remain tight at all times to avoid damage to the handle and toggle.

Install the Universal Primer Arm as shown in photos #1 and #2. Make sure the flat return spring stays in the milled slot on the press.

Carefully remove the locking clip from the front of the primer catcher. Slip the primer catcher into place around the press frame and secure with the locking clip in the slots provided. See photo #3.

The Rock Chucker press ram accepts removable type shell holders. To install, insert the shell holder into the ram and twist slightly to the left. To remove, twist slightly to the right. See photo #4.

## WARNING

**TO AVOID INJURY, READ AND FOLLOW THESE SAFE PRIMING PRACTICES.**

**DO NOT ATTEMPT TO PRIME MILITARY CARTRIDGE CASES WITH CRIMPED PRIMER POCKETS UNTIL THE CRIMP HAS BEEN REMOVED WITH A COUNTER SINK, A SPECIAL REAMER OR BY SWAGING. PRIMERS SEATED INTO CRIMPED POCKETS ARE SUBJECT TO DEFORMATION WHICH CAN CAUSE MISFIRES AND EVEN DETONATION DURING SEATING WHICH CAN CAUSE SERIOUS PERSONAL INJURY.**

**DO NOT ATTEMPT TO SEAT PRIMERS AGAINST EXCESSIVE RESISTANCE WHICH MIGHT CAUSE DETONATION AND POSSIBLE SERIOUS PERSONAL INJURY. CHECK TO BE CERTAIN THAT THE CASE WAS NOT PREVIOUSLY PRIMED, THAT THE FIRED PRIMER WAS REMOVED, THAT A PORTION OF THE PRIMER CUP WALL MIGHT STILL BE IN THE PRIMER POCKET AND THAT YOU ARE USING THE CORRECT SIZE PRIMER.**

**DO NOT MODIFY THE PRIMING SYSTEM IN ANY MANNER OR ATTEMPT TO USE SIMILAR PARTS OR PRIMING SYSTEMS FROM OTHER MANUFACTURERS. TO DO SO COULD RESULT IN PRIMER DETONATIONS RESULTING IN SERIOUS PERSONAL INJURY.**

**NEVER SEAT A PRIMER INTO A POWDER CHARGED CASE.**

**DECAPPING LIVE PRIMERS IS EXTREMELY DANGEROUS AND IS NOT RECOMMENDED.**

## PRIMING

To use the Universal Primer Arm, first make sure the correct size primer plug and sleeve are in position. To install the primer plug and sleeve, drop the primer plug through the sleeve. Place the spring on the primer arm body. Thread the plug and sleeve into the primer arm body and tighten the assembly with a small nail or paper clip through the cross hole in the primer plug. Do not over tighten. Check from time to time to be sure the primer plug remains tight.

To prime, simply place the correct size primer, anvil side up, into the primer sleeve. See photo #5. Next, lower the press handle and push the primer arm into the slot cut in the main ram. See photo #6. Then, gently and slowly raise the press handle. As the case is drawn out of the die it will be lowered onto the live primer, seating it to the bottom of the primer pocket.

After the primer is seated, lower the press handle enough to let the primer arm out of the slot. Be sure not to lower the handle too far or the decapping pin in the die will punch the live primer back out. Now raise the handle and remove the case from the shell holder. Always inspect the primed case to make certain the primer is properly seated.

The two setscrews in the Accessory Pack are for installation of the optional Automatic Primer Feed. This and other accessories for the Rock Chucker Press are available from your gun dealer.

## MAINTENANCE

This press was lubricated at the factory. However, it is necessary to lubricate all moving parts from time to time with gun oil. If rust spots appear, swab lightly with gun oil and wipe dry. Care should be taken not to apply oil where it could come in contact with primer pockets or primers. Oil will deactivate primers. It is a good practice to clean the press prior to lubrication to remove grit and other residue. You will note the ease at which the epoxy enamel paint wipes clean. This finish is impervious to oil and is extremely chip and fade resistant.

