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RCBS "Precisioneered"
Reloading Equipment*

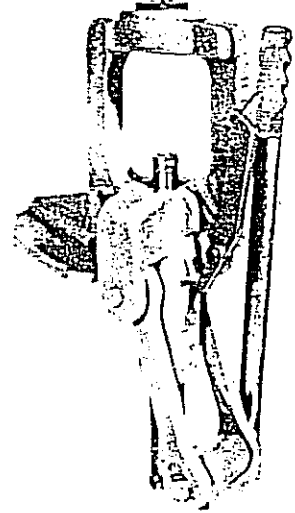
WRITE FOR THE LATEST
RCBS CATALOG, SHOWING A
COMPLETE LINE OF RCBS
'Precisioneered' RELOADING
EQUIPMENT.



INSTRUCTION FORM 3

RCBS, Inc.
Department C
P.O. Box 729
Orville, Calif., 95965

INSTRUCTIONS



RCBS

'A-2' PRESS

USING YOUR "A-2" PRESS

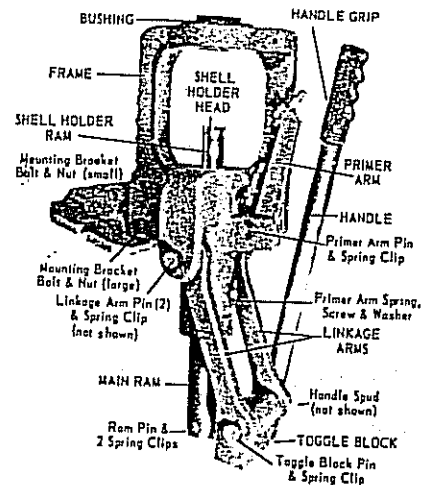
PRECISIONEERED
RCBS
RELOADING
EQUIPMENT



- 1. PRIMARY ASSEMBLY:** First, be sure the Handle Spud is locked securely in the Toggle Block. Keep it tight at all times to avoid breakage. Slip the Handle over the Handle Spud and tap it into place. It may be necessary to twist the Handle Grip slightly until the desired position is attained. The press is easily secured to a reloading bench or table with two 3/8" or 1/2" bolts of the determined length. In an emergency a "C" clamp will hold the press to the bench or table.

- 2. THREAD SIZES:** The RCBS Model "A-2" Press utilizes the standard 1/4"-18 thread. A 1/4"-18 to 7/8"-14 Bushing is furnished for standard reloading dies and accessories. Be sure the Bushing is locked tight before using.

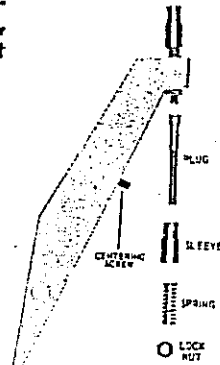
- 3. LUBRICATION OF PRESS:** The press is lubricated before it leaves the factory. After use it is necessary to lubricate the various moving parts from time to time. Any gun oil may be used for this. If rust spots appear, they should be lightly swabbed with gun oil and wiped dry.



- 4. PRIMER SEATING DEPTH ADJUSTMENT:** The Primer Arm has an adjustable Primer Plug for Primer seating depth. Be sure the primer is seated to the bottom of the primer pocket. Note the small holes in the Primer Plug and Sleeve. A decapping pin or small nail through these holes will hold the Primer Plug and Sleeve while the Lock Nut is loosened. Adjust the depth by turning the Primer Plug. A few trials with sample cases will give the

proper seating depth. Once this is attained, tighten the Lock Nut securely.

- 5. CHANGE OF PRIMER SIZE AND TYPE:** Primer Plugs are manufactured for Large-Round, Large-Flat, Small-Round and Small-Flat type primers. If you need to change from one size to another you need



only the correct Primer Plug and Sleeve. The original Primer Plug and Sleeve are easily removed by loosening the Lock Nut and unscrewing the Primer Plug. Be sure to hold the Primer Plug and Sleeve securely as they are loosened as the spring will force them to fly free. The Model "A-2" press should not be used to prime shot-shell cases.

- 6. CENTERING THE PRIMER ARM:** The Primer Arm supplied with the Model "A-2" Press is adjusted for the particular Press before it leaves the factory. If the Primer Arm is used on another Press or a replacement Primer Arm is used, it may require centering. To center the Primer Arm, push the handle down until the Shell Holder Head is at the top of the press stroke. Then push the Primer Arm into the shell holder slot as if you were priming a case and slowly lower the Shell Holder Head.

Check to see that the Primer Plug and Sleeve are centered with the hole in the Shell Holder Head. If they do not, rotate the Centering Screw until the Primer Plug and Sleeve are centered.

- 7. DISPOSAL OF OLD PRIMERS:** The primers drop out of the press through a hole in the bottom of the Main Ram. A waste basket on the floor under the press will catch them.

RCBS PRIMER PLUG & SLEEVE CHART

LARGE FLAT	SMALL FLAT
CCI #200	CCI #400
CCI #300	CCI #500
CCI Magnum #250	CCI Magnum #450
CCI Magnum #350	CCI Magnum #550
Remington #2½	Remington #1½
Remington #9½	Remington #6½
Winchester #111	Winchester #108
Winchester #120	Winchester #116
Federal #150 (New)	Federal #100 (New)
Federal #210 (New)	Federal #200 (New)
Federal #215 (New)	

LARGE ROUND	SMALL ROUND
Federal #150	Federal #100
Federal #210	Federal #200
Federal #215	

- 8.** RCBS REMOVABLE HEAD TYPE SHELL HOLDER: The press is equipped with the RCBS Removable Head Type Shell Holder for economy and convenience. RCBS Shell Holder Heads are installed with a slight twisting action to the left. To remove the Head, a slight twisting action to the right is required.
- 9.** INSTALLATION AND REMOVAL OF THE RCBS REMOVABLE HEAD TYPE SHELL HOLDER RAM: To install the Removable Head Type Shell Holder Ram, the Main Ram must be in the down position. Place a block of steel about 3"x3"x $\frac{1}{4}$ " against the face of the press and use the leverage to force the Shell Holder Ram into the Main Ram until the bottom hole in the Shell Holder Ram lines up with the hole in the Main Ram. Tap the tapered Shell Holder Pin in from left to right. To remove the Shell Holder Ram, tap the tapered Shell Holder Pin out from right to left. A piece of $\frac{3}{16}$ " diameter by 4" drill rod through the top hole of the Shell Holder Ram will force the Shell Holder Ram out of the Main Ram as the Main Ram is slowly lowered to the down position.
- 10.** CONVERSION TO UP-STROKE: The press is furnished set up for the down-stroke. To change to up-stroke takes only a few minutes using the following method:
CAUTION: DO NOT REMOVE THE RIGHT HAND LINK, RIGHT HAND TOGGLE BLOCK PIN,

OR RIGHT HAND LINKAGE ARM PIN. LEAVE THESE PARTS INTACT.

- (A) Tap the Handle off the Handle Spud and then unscrew the Handle Spud from the Toggle Block.
- (B) Remove one of the Spring Clips on the Main Ram Pin and slide out the Main Ram Pin. The Main Ram will then slide straight down and out.
- (C) Remove the Spring Clip on the left side of the Toggle Pin.
- (D) Remove the Spring Clip on the left Linkage Arm Pin. The Spring Clip is located between the Press Frame and the left hand Linkage Arm.
- (E) Remove the left hand Linkage Arm Pin by pulling straight out.
- (F) Pull the left hand Linkage Arm, out at the upper portion toward the front of the press. After it is clear of the frame, slide it to the left and off the Toggle Block Pin.
- (G) Slide the Toggle Block off the Toggle Block Pin and Turn it over and replace.
- (H) The press is now ready to assemble by reversing steps "A" to "F" above.

- 11.** A NOTE ABOUT BULLET MAKING: RCBS Removable Head Type and Solid Type Shell Holders are not intended for use with bullet making equipment. RCBS Heavy Duty Type Shell Holder without primer arm slot must be installed to withstand the tremendous pressures encountered in bullet making if a special ram was not supplied with the bullet making dies.