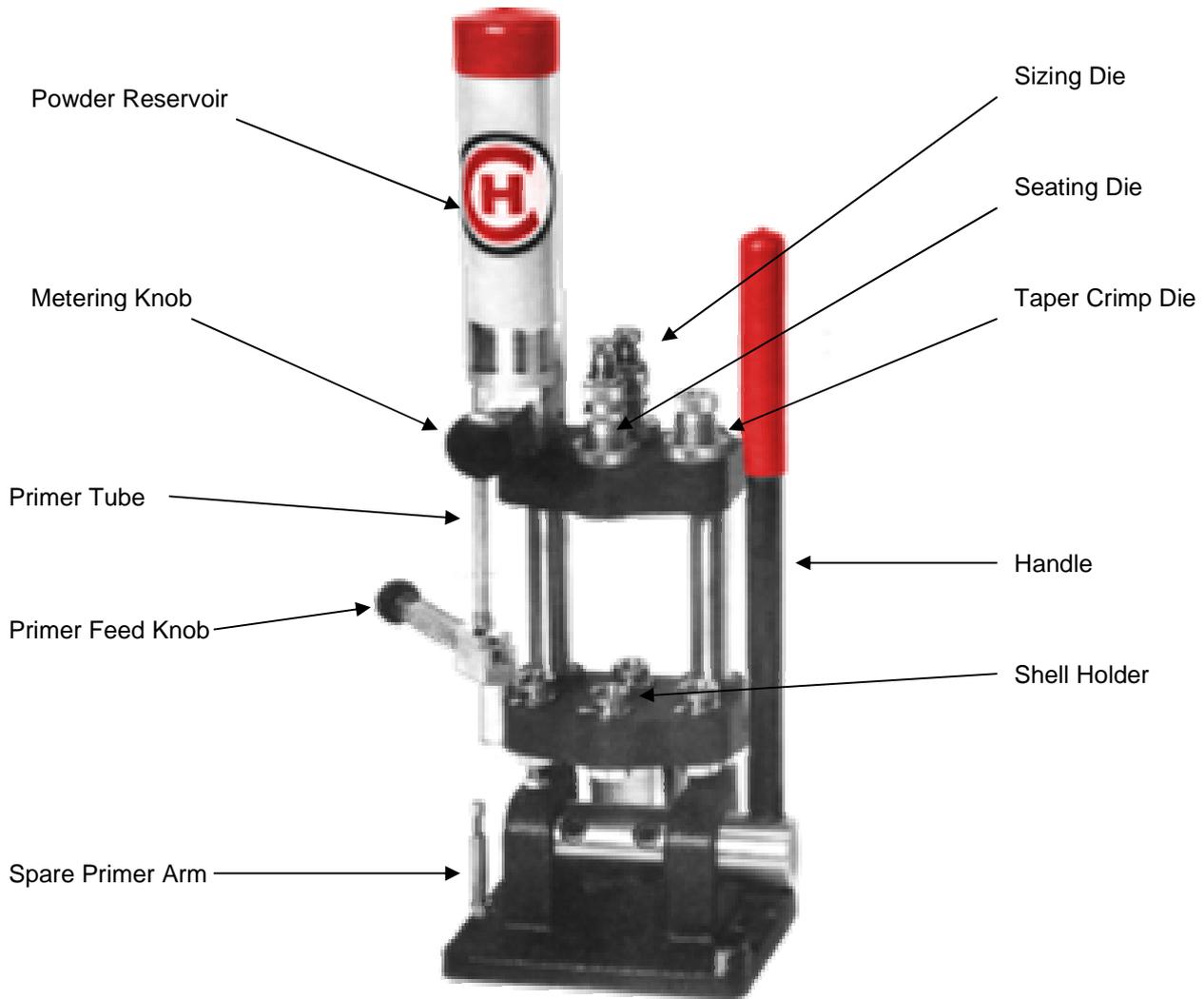


# No. 444-X PISTOL CHAMP

## 1. MOUNTING THE PRESS

To insure the best results from the No. 444-X press, it is first necessary to anchor the tool to a rugged bench. This is best accomplished by use of 5/16" bolts. For your convenience a template for locating the bolt holes has been printed on the last page of this instruction booklet.



## 2. PREPARATION OF THE PRESS

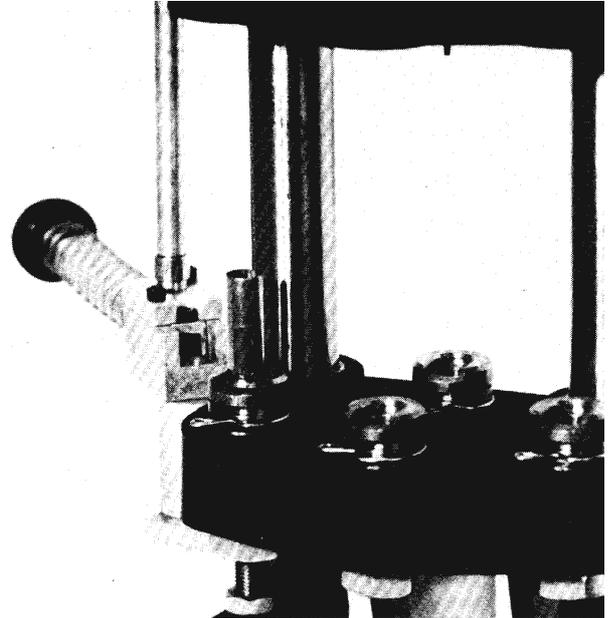
The dies have been installed in the head casting and adjusted for optimum results. Attach the powder measure assembly to the expander die (at the left hand station of the press). A 1/8" Allen wrench will be needed to tighten the set screws. Attach the assembly so that the knob on the metering bar will be facing forward. Fill the reservoir with the desired powder.

Fill the priming tube, first making sure the stop pin is installed in the tube. The primers may be spread out on any flat, smooth CLEAN surface or use one of the many available primer flippers. Pick up the primers, outside surface up, with the split brass end of the tube. Place the filled primer tube on the brass primer feed stud of the auto-prime unit and remove the stop pin. When operating the auto-prime unit, remember that you are working with LIVE PRIMERS and you must NEVER force them into position.



Filling the primer tube

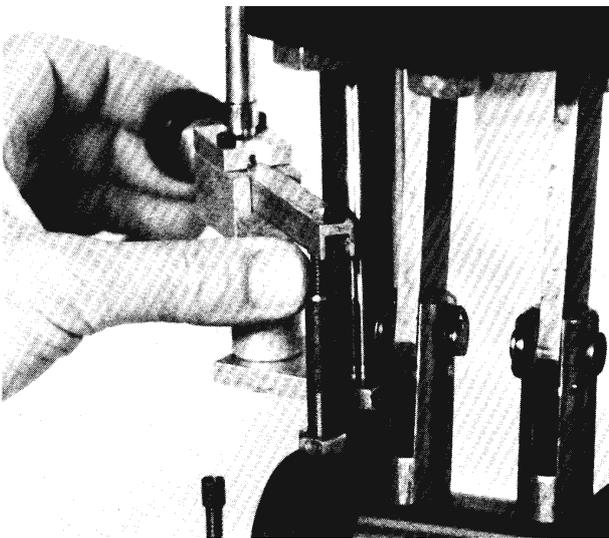
*height of the priming arm you will also have to change the height of the auto-prime feed unit. This is accomplished by loosening the set screw on the column holder and moving the unit either up or down to a point where the primer is dropped into the priming cup.*



Case being primed

### 3. RELOADING PROCEDURE

The case is resized and decapped at the middle station of your press. After running the case up into the die, push the button on the auto-prime unit and it will deposit one primer on the priming post. Raise the handle to withdraw the case from



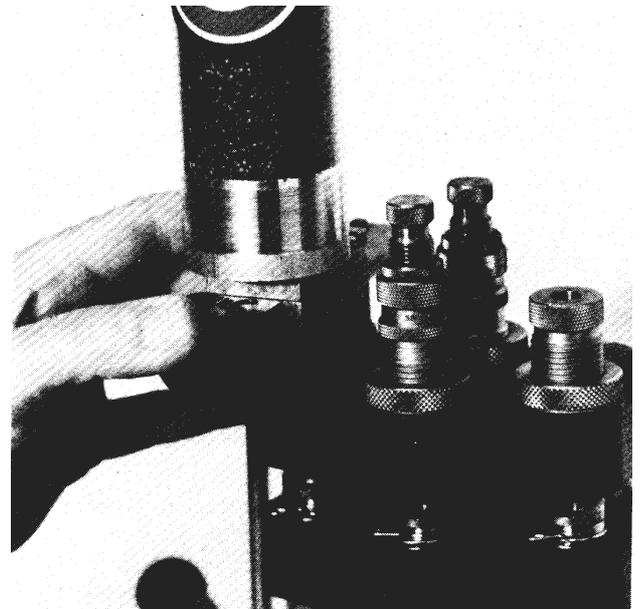
Operating the primer feed

The primed case will be expanded (belled) and charged at the left hand station. Lower the handle to insert the case into the die. Make sure you have brought the handle to the bottom of its travel to insure the proper bellying of the case mouth.

the sizing die. Before the handle reaches the end of its travel, insert the case into the shell holder on the left hand station. Raising the handle further will seat the primer.

*NOTE: The priming arm can be adjusted up or down to change the seating depth. The height of the priming arm has been pre-adjusted at the factory for proper results.*

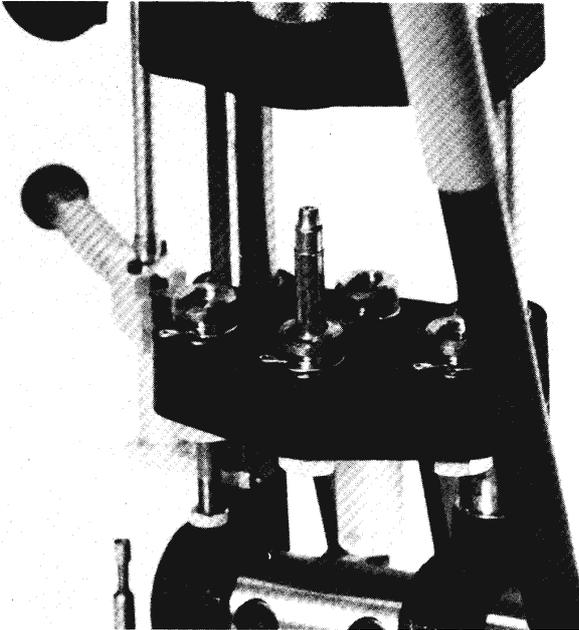
*Remember that if you change the*



Charging the case with powder

While the case is in the die, charge it with powder by pushing the knob on the metering bar all the

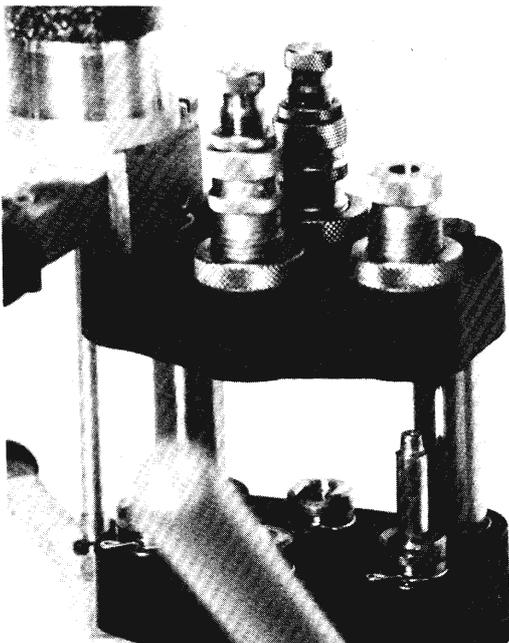
way in. Spring pressure will return the metering bar to its original position. Raise the handle enough to withdraw the case (now sized, primed, charged and belled) from the shell holder. Insert the case into the shell holder at the center front



Seating the bullet

station. Place a bullet on the case and insert it into the seating die by lowering the handle (care fully to avoid pinched fingers!). The 'Speed Seater' seating die will assure proper alignment of the bullet as it is seated.

*NOTE: For best results and to avoid possible damage, make sure the bullet shape matches the seating stem provided with the tool.*



Cartridge at taper crimping station

Raising the operating handle will withdraw the case from the seating die. Place the case on the number four station. Lowering the handle will taper crimp the case mouth into the bullet cannelure.

With practice, it should be easy to turn out at least 200 rounds per hour. Check the powder reservoir from time to time to be sure there is powder in it. Refill it as soon as it is down to about two inches.

#### 4. CHANGING POWDER BUSHINGS

Make sure the powder reservoir is empty! Remove the stop screw at the rear of the metering bar and gently pull the bar out. Slip the desired bushing into the metering bar and re-install the bar, being careful to keep the end of the spring in the retaining hole. Re-attach the stop screw while maintaining pressure on the metering bar knob. The enclosed chart lists the available powder bushings. The charges may vary slightly due to:

1. Moisture content of the powder.
2. Inconsistent density of the powder.
3. Inconsistent technique in using the measure.
4. Dirty or oily bushing.

*NOTE: NEVER use oil on any part of the powder measure assembly. No lubrication should ever be necessary.*

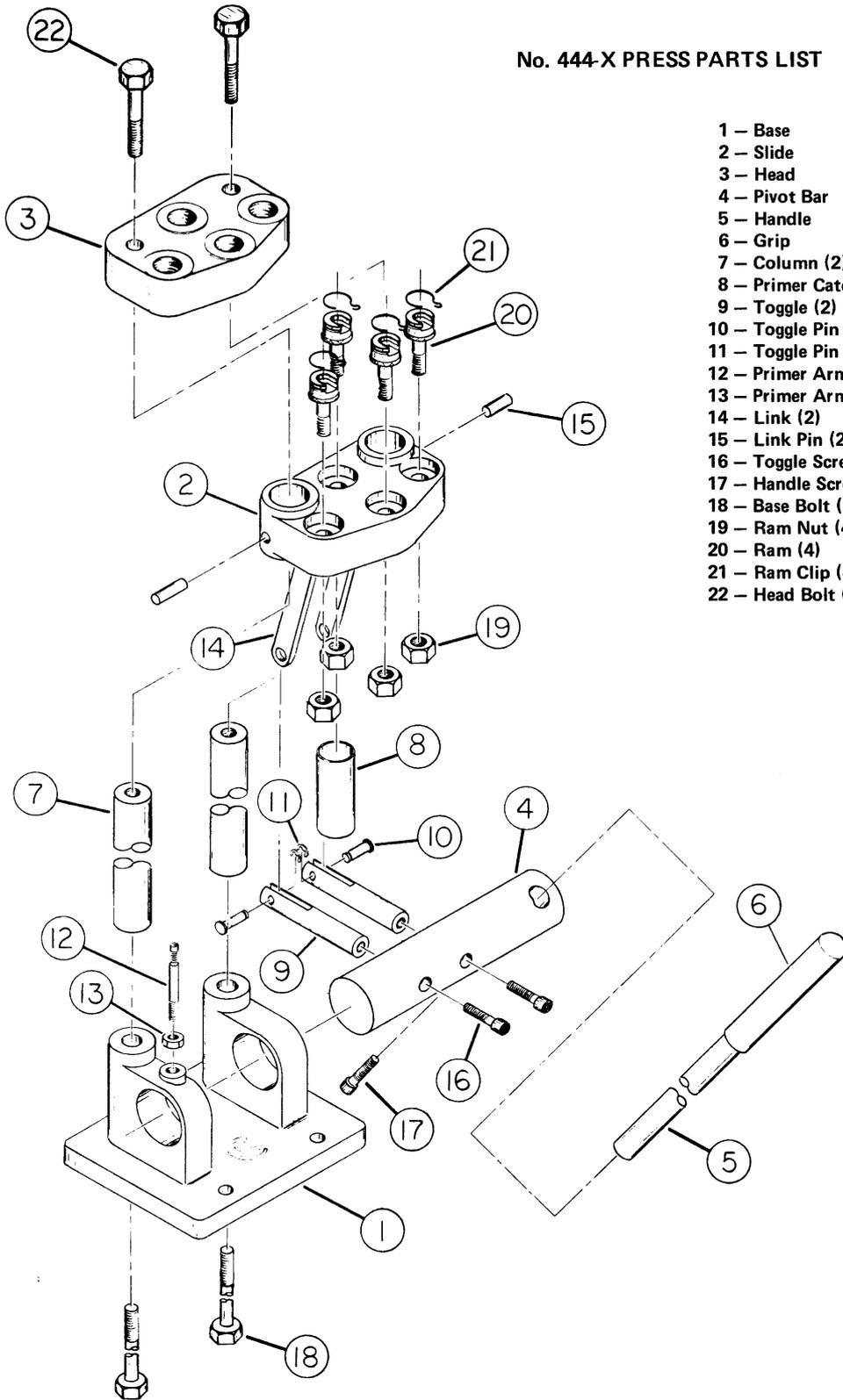
#### 5. MAINTENANCE

There are no parts of the press that will require adjustments (except, of course, the dies), and the tool will give you a lifetime of trouble-free operation. The only maintenance required is the guide posts and pivot bar with a drop or two of light oil. It is recommended that the handle and other bare metal parts are given a light coating of oil to prevent corrosion.

The press is more than adequate for all normal full length sizing of rifle calibers. However this operation **MUST** be done on the number 1 station, between the columns where there will be no torque on the die platen. Even the longest cases can be full-length resized when using the Pistol Champ press and a conventional set of rifle dies. Priming and seating can be done on the other three stations.

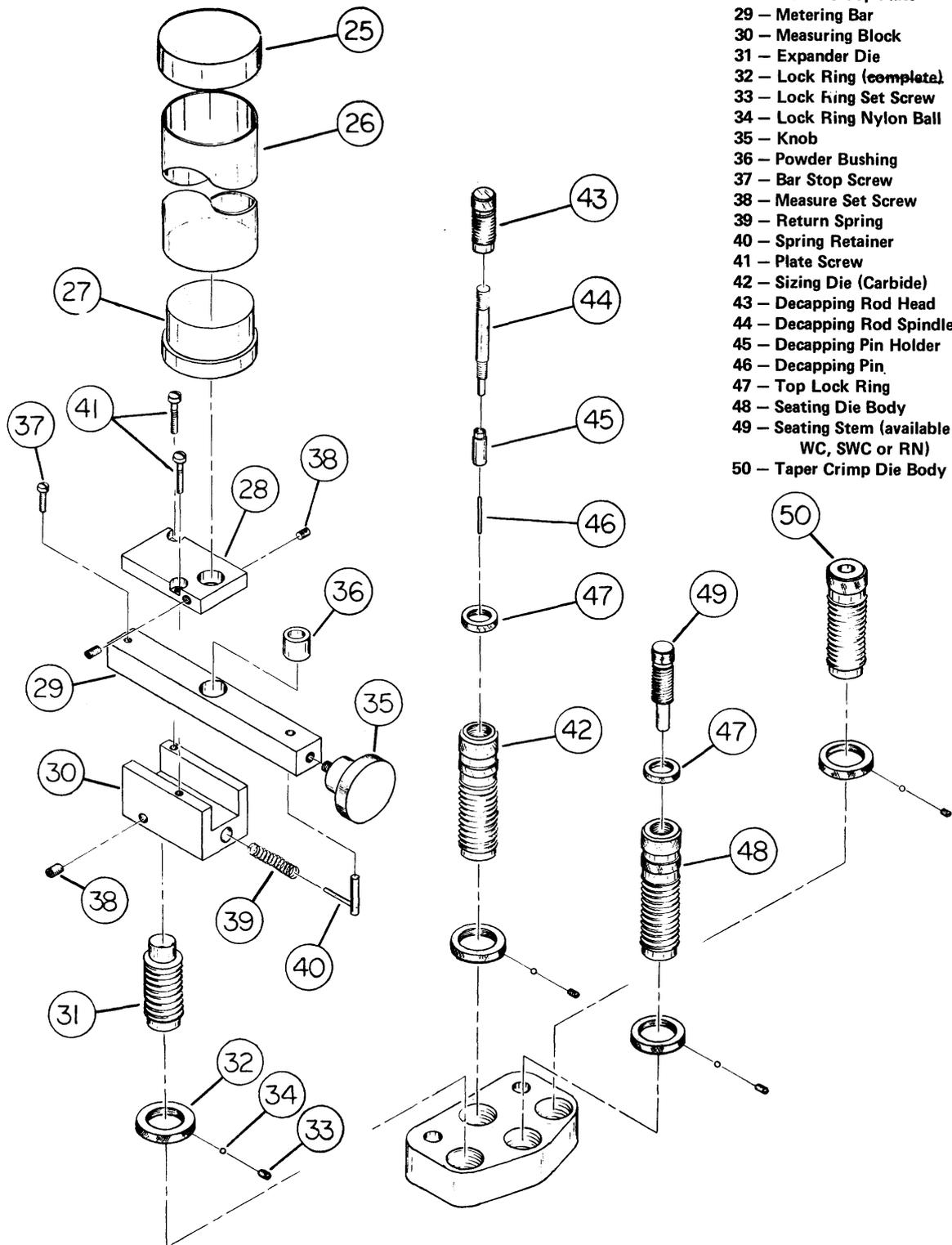
An added benefit when using a conventional two- die set is that there is ample space for your powder measure on the number 3 station. Seating can be done on the number 4 station of your press.

No. 444-X PRESS PARTS LIST



- 1 – Base
- 2 – Slide
- 3 – Head
- 4 – Pivot Bar
- 5 – Handle
- 6 – Grip
- 7 – Column (2)
- 8 – Primer Catcher
- 9 – Toggle (2)
- 10 – Toggle Pin (2)
- 11 – Toggle Pin Clip (2)
- 12 – Primer Arm
- 13 – Primer Arm Nut
- 14 – Link (2)
- 15 – Link Pin (2)
- 16 – Toggle Screw (2)
- 17 – Handle Screw
- 18 – Base Bolt (2)
- 19 – Ram Nut (4)
- 20 – Ram (4)
- 21 – Ram Clip (4)
- 22 – Head Bolt (2)

No. 444-X TOP ASSEMBLY PARTS LIST



- 25 - Reservoir Cap
- 26 - Reservoir
- 27 - Reservoir Base
- 28 - Measure Top Plate
- 29 - Metering Bar
- 30 - Measuring Block
- 31 - Expander Die
- 32 - Lock Ring (complete)
- 33 - Lock Ring Set Screw
- 34 - Lock Ring Nylon Ball
- 35 - Knob
- 36 - Powder Bushing
- 37 - Bar Stop Screw
- 38 - Measure Set Screw
- 39 - Return Spring
- 40 - Spring Retainer
- 41 - Plate Screw
- 42 - Sizing Die (Carbide)
- 43 - Decapping Rod Head
- 44 - Decapping Rod Spindle
- 45 - Decapping Pin Holder
- 46 - Decapping Pin
- 47 - Top Lock Ring
- 48 - Seating Die Body
- 49 - Seating Stem (available in WC, SWC or RN)
- 50 - Taper Crimp Die Body