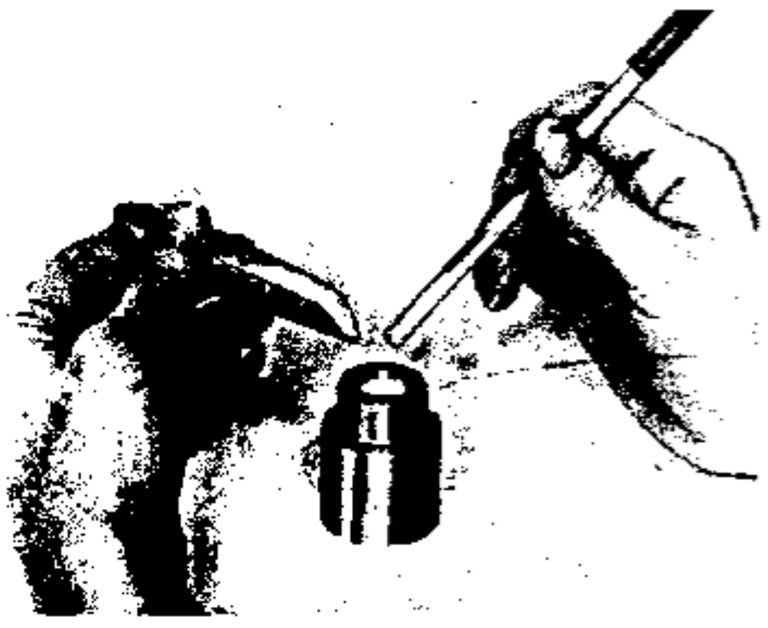
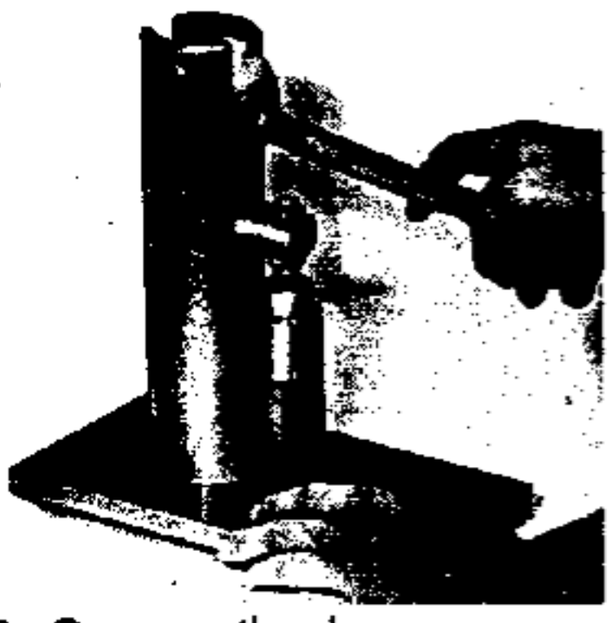
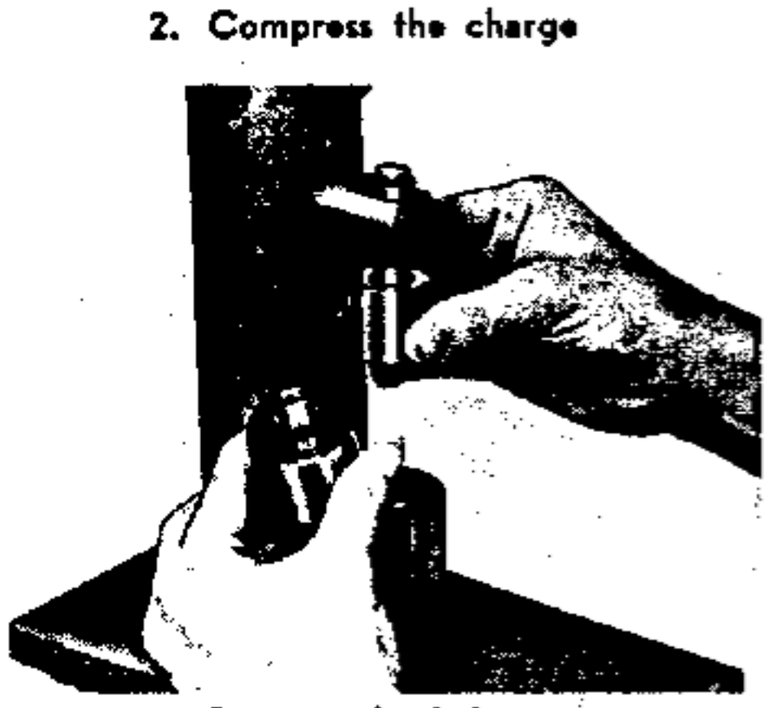


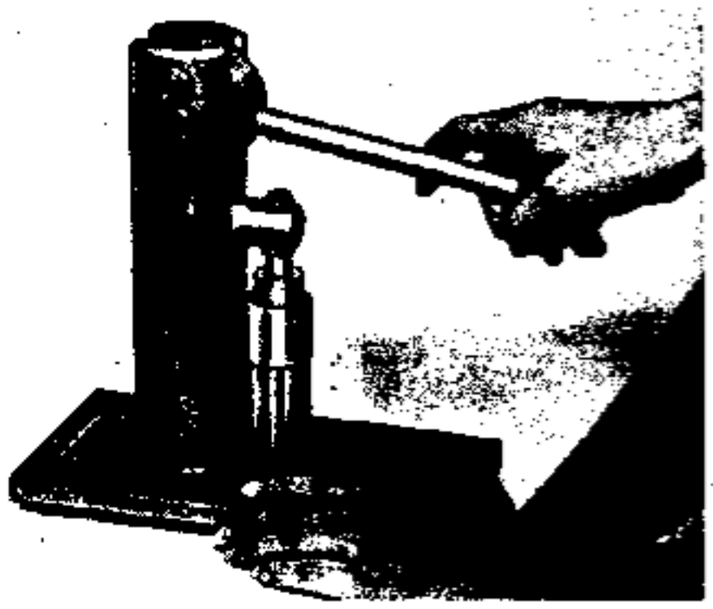
1. Fill the die



2. Compress the charge



3. Reverse the holder



4. Eject the pellet

PELLET MAKING WITH A PARR PELLET PRESS

The steps required to produce pellets or tablets with a Parr Pellet Press have been speeded and simplified by eliminating the die plug and receiving cup used in earlier models. There are only two loose parts in this improved design: a polished stainless steel die and a die holder with working surfaces on both ends. This new die arrangement is an extension of a design previously used only for ⅛" and decimal size pellets. All dies for the Parr press are now made to this design which will produce pellets in four simple steps as described below.

Fill the die. Set the die and its holder on the base of the press with the beveled edge of the die cavity facing upward and with the bottom of the die resting on the flat surface in the reversible holder. Pour the charge into the die cavity and tamp with a stirring rod, if necessary.

Compress the charge. Transfer the die and its holder to the press and push the lever down to compress the charge. To obtain maximum compression, the lever should require a firm push as it moves through its full stroke. If a full stroke is not obtained, turn the anvil to lower the die until the full mechanical advantage of the press can be utilized. Conversely, if the lever moves through its full stroke without encountering sufficient resistance, raise the die until firm compression can be applied.

Reverse the die holder. Raise the lever and slide the die and its holder out of the press. Reverse the holder to bring the deep cavity under the die and return the parts to their original position. The clearance under the punch will be limited when making thin pellets. In such cases it will be more convenient to grasp the die with one hand and slide it upward on the punch, holding it in that position while reversing the die holder with the other hand.

Eject the pellet. Bring the lever down gently to eject the pellet into the cavity in the holder. If a thick pellet is not ejected by this stroke, turn the anvil to raise the die. The pellet will then drop out freely. Remove the pellet with tweezers or forceps; reverse the holder and repeat the cycle if additional pellets are required.

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Printed in U.S.A
8-77