

## The Special-T Press (formerly the Spar-T Press)

The Special-T Press features a unique 6-position turret top that allows you to mount each reloading die in its most convenient sequence.

You may also mount your powder measure in one of the die stations if it is compatible with the 7/8" x 14 threads (as many are). The Lyman #55 Measure may be turret-mounted by using a 7/8" x 14 adapter available from Lyman.

### Mounting the Press

Remove the Special T-Press from the packing box and position it against the edge of the bench top in the most convenient location (usually near the center of the bench, leaving a work area on each side of the press). As you face the press, the word "Lyman" will be on the left side. Mark the position of the mounting holes and drill them then, using 3/8 inch bolts, securely anchor the press.

### Two Operating Positions

The press can work in either of two ways: - with the toggle assembly in the down-stroke position, the way the Special-T Press is assembled at the factory, or converted to the optional up-stroke position. We suggest you try the factory recommended down-stroke position. After some use, you may easily change the operation to the up-stroke position.

### Up-Stroke vs. Down-Stroke

In the down-stroke position, the handle is pushed down to activate the ram and raise the cartridge case up into the die. Most reloaders prefer this method. In the up-stroke position, the operator may stand and, by pulling with both hands, exert pressure on the handle much greater than his own body weight. This degree of force is seldom needed to reload cartridges, however.

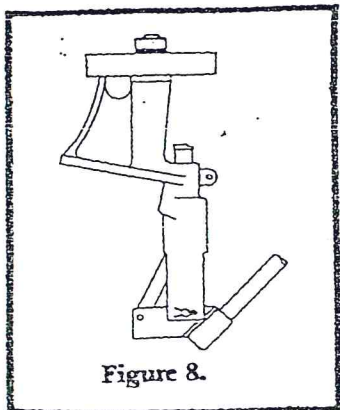
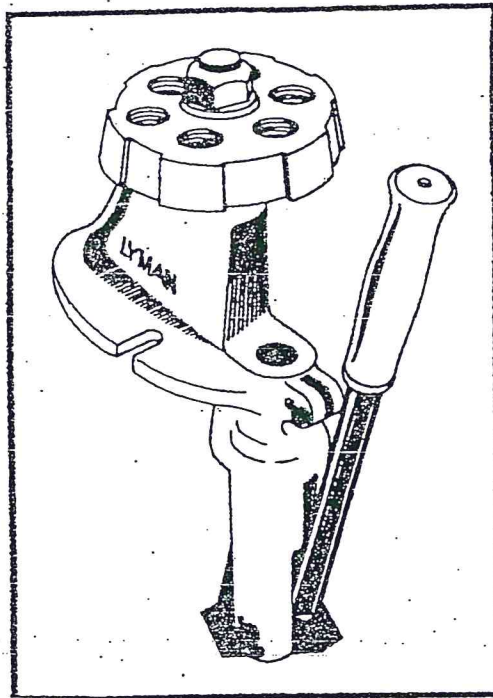


Figure 8.



### Down-Stroke Installation

The Special-T Press is factory assembled so the toggle is in the down-stroke position.

**Note:** The angled corner of the toggle arm will be facing you as indicated in Figure 8.

### Up-Stroke Installation

Should you desire to use the press in the up-stroke position (as you push up on the handle, the case moves up to make contact with the reloading dies) follow the same directions as

### *The Special-T Press (continued)*

described for the T-Mag Press. The angled corner will be down and facing away from you as indicated in Figure 9. After reinstalling the toggle assembly and black toggle pin and clip, the handle can be screwed into the hole on the flat face of the assembly as seen in Figure 9. Note that the ram rises when the handle is pulled.

Detailed conversion instructions follow the reloading press section of this booklet.

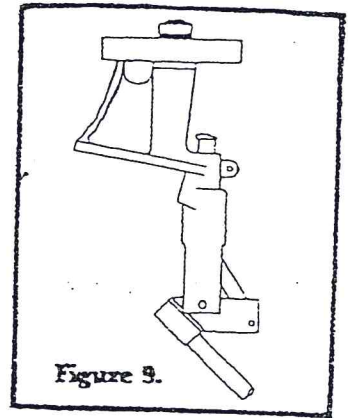


Figure 9.

### **Checking Die Alignment**

Recently manufactured T-Mag and Special-T Presses do not require adjustment of the turret. However, early model presses were factory aligned and adjustable as follows:

1. Remove the decapping rod and holder from the full-length resizing die.
2. Insert a cartridge case in the shell holder.
3. Raise the ram until the cartridge case almost touches the die.
4. Look directly down through the die to see if the cartridge is centered in the die opening.
5. If the cartridge is not centered, realign the turret as follows:
  - a. Loosen the two hex socket set screws in the index plate under the turret.
  - b. Turn turret until aligned.
  - c. Tighten set screws firmly.

### **Installation of Shell Holder**

The shell holder slides into the slotted top of the Special-T ram and is held in place by tightening the lock screw as shown in Figure 10. To make the shell holder more accessible to your hand, turn it slightly to the left if you are right handed; slightly to the right if you are left handed. Most reloaders use their strongest arm to operate the ram. Shell holders are available for a wide variety of cartridges as indicated on the back of the package. Should you need different shell holders, refer to the latest Lyman catalog.

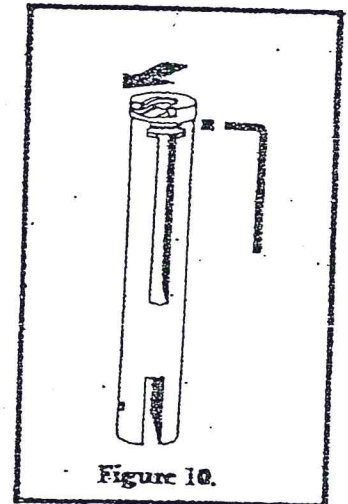


Figure 10.

For newer models of Special-"T", refer to "T"-Mag instructions for Primer Feed installation, lubrication and turret removal. See Page 29.



## The Special-T Press (formerly the Spar-T Press)

The Special-T Press features a unique 6-position turret top that allows you to mount each reloading die in its most convenient sequence.

You may also mount your powder measure in one of the die stations if it is compatible with the 7/8" x 14 threads (as many are). The Lyman #55 Measure may be turret-mounted by using a 7/8" x 14 adapter available from Lyman.

### Mounting the Press

Remove the Special T-Press from the packing box and position it against the edge of the bench top in the most convenient location (usually near the center of the bench, leaving a work area on each side of the press). As you face the press, the word "Lyman" will be on the left side. Mark the position of the mounting holes and drill them then, using 3/8 inch bolts, securely anchor the press.

### Two Operating Positions

The press can work in either of two ways - with the toggle assembly in the down-stroke position, the way the Special-T Press is assembled at the factory, or converted to the optional up-stroke position. We suggest you try the factory recommended down-stroke position. After some use, you may easily change the operation to the up-stroke position.

### Up-Stroke vs. Down-Stroke

In the down-stroke position, the handle is pushed down to activate the ram and raise the cartridge case up into the die. Most reloaders prefer this method. In the up-stroke position, the operator may stand and, by pulling with both hands, exert pressure on the handle much greater than his own body weight. This degree of force is seldom needed to reload cartridges, however.

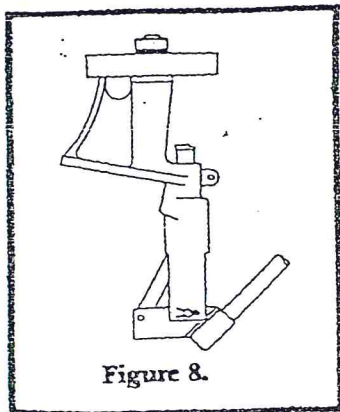
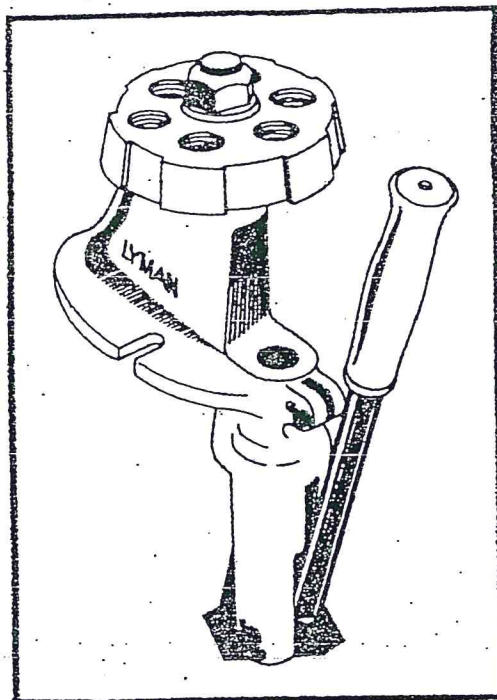


Figure 8.



### Down-Stroke Installation

The Special-T Press is factory assembled so the toggle is in the down-stroke position.

**Note:** The angled corner of the toggle arm will be facing you as indicated in Figure 8.

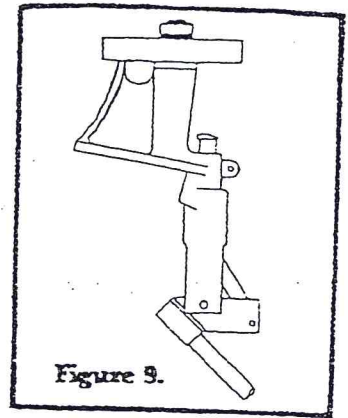
### Up-Stroke Installation

Should you desire to use the press in the up-stroke position (as you push up on the handle, the case moves up to make contact with the reloading dies) follow the same directions as

### *The Special-T Press (continued)*

described for the T-Mag Press. The angled corner will be down and facing away from you as indicated in **Figure 9**. After reinstalling the toggle assembly and black toggle pin and clip, the handle can be screwed into the hole on the flat face of the assembly as seen in **Figure 9**. Note that the ram rises when the handle is pulled.

Detailed conversion instructions follow the reloading press section of this booklet.



**Figure 9.**

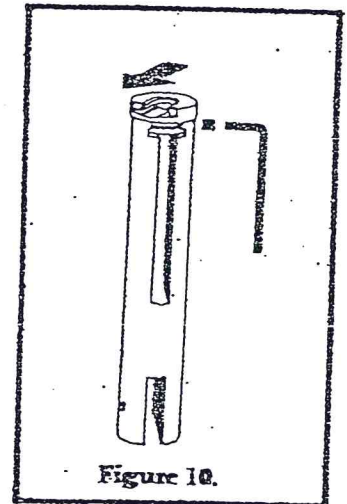
### **Checking Die Alignment**

Recently manufactured T-Mag and Special-T Presses do not require adjustment of the turret. However, early model presses were factory aligned and adjustable as follows:

1. Remove the decapping rod and holder from the full-length resizing die.
2. Insert a cartridge case in the shell holder.
3. Raise the ram until the cartridge case almost touches the die.
4. Look directly down through the die to see if the cartridge is centered in the die opening.
5. If the cartridge is not centered, realign the turret as follows:
  - a. Loosen the two hex socket set screws in the index plate under the turret.
  - b. Turn turret until aligned.
  - c. Tighten set screws firmly.

### **Installation of Shell Holder**

The shell holder slides into the slotted top of the Special-T ram and is held in place by tightening the lock screw as shown in **Figure 10**. To make the shell holder more accessible to your hand, turn it slightly to the left if you are right handed; slightly to the right if you are left handed. Most reloaders use their strongest arm to operate the ram. Shell holders are available for a wide variety of cartridges as indicated on the back of the package. Should you need different shell holders, refer to the latest Lyman catalog.



**Figure 10.**

For newer models of Special-“T”, refer to “T”-Mag instructions for Primer Feed installation, lubrication and turret removal. See Page 29.