



Redding Reloading Equipment Cortland, NY 13045

[www.redding-reloading.com](http://www.redding-reloading.com) [techline@redding-reloading.com](mailto:techline@redding-reloading.com) 607-753-3331

## The T-7 Turret Press Instructions

***Congratulations*** on the selection of your new T-7 Turret Reloading Press. The unique 7 station turret, powerful compound linkage, cast iron construction and tubular spent primer collection system combine to make it the most versatile press ever manufactured. With reasonable care, your new T-7 Turret Press will provide many years of dependable service.

### MOUNTING AND ASSEMBLY

Your new T-7 Turret Press is shipped completely assembled except for the operating handle.

- Mount the press securely to a strong reloading bench or other solid work surface with four 5/16" bolts of the appropriate length. Insert the handle into the lower link and tighten the handle lock nut securely.
- Attach the spent primer capture tube to the nipple at the rear of the ram near its base by slipping the tube onto the nipple.

### Lubrication

The press ram and linkage have been lubricated at the factory and your press is ready to use. Periodic lubrication of all moving parts is necessary to ensure ease of operation and extended life. Simply use a good grade of gun oil on all pivot points and make sure that the ram is kept free of contaminant build up and is lightly oiled. The other parts of the press require no care, other than keeping them clean and dry.

### Dies

For maximum flexibility the T-7 is designed to use all standard 7/8" – 14 threaded dies as well as the Z-Series 1" - 14 dies by Redding with appropriate turret head. Instructions for the use and proper adjustment of reloading dies are packaged with each die set. With a little experimentation, you will discover that multiple combinations may be obtained in the mounting sequence of dies, permitting two or more rifle and/or handgun die sets to be set up at once.



## Shellholders

Select the proper shellholder for cartridge being reloaded. To install, simply insert the shellholder into the slot located in the front of the ram and press forward. The shellholder will “snap” into position.

The “snap-in” spring design will keep the shellholder in position but will allow it to be rotated slightly according to the operator’s preference.

To remove shellholders, simply pull forward.

The press ram is designed to accept all similar style shellholders and other brands, although Redding shellholders are preferred because they are held to very tight tolerances, heat-treated and have a knurled O.D for ease of handling.

## Priming Arm

The T-7 Reloading Press is equipped with a unique priming arm assembly that moves in and out of the priming position with the ram travel. It can be flipped forward to an inverted position, completely out of the way when not in use.

The T-7 Reloading Press is shipped with two primer arm assemblies, one each for large and small primers. Each assembly will have the large or small primer cup permanently affixed and sealed, eliminating the need for adjustment.

## Spent Primers

During the resizing and depriming operation (see instructions for reloading dies) the spent primers are directed in a large hollow ram. They drop into a flexible plastic tube that can hold hundreds of spent primers before emptying or the tube can also be routed to a waste container.

The unique spent primer collection system on the T-7 Reloading Press routes the spent primer and its associate debris through the ram and into a collection tube on the rear of the ram at its base. The tube can retain hundreds of primers and is emptied by removing the knurled metal plug at its end. This system keeps the top of the press and the surrounding work area clean and free of debris.

For high volume depriming, the tube may be placed in a can or jar to collect large numbers of primers before emptying is necessary. Water may be added to the receiving can or jar as a further method to control dust and dirt from the process. This works especially well if your reloading bench is in a multi-use location within your home and dust is a concern.



## Turret Head Removal

- Use a 5/16” Hex Key Wrench to remove the Turret Stud by turning it *counterclockwise* (standard right-hand threads).

- The Turret Stud is torqued to 45 ft./lbs. at the factory and requires similar effort to remove. We recommend adapting a 5/16" Hex Key to a socket wrench to improve leverage.
- If you plan to store the Turret Head with dies installed, an extension can be used as well so the wrench can be operated above the dies (without interference).
- When the Turret Stud is removed, the Turret Head and Turret Bushing can be removed from the Press Frame.

**BE CAUTIOUS WHEN REMOVING THE TURRET HEAD AS THE DETENT BALL & DETENT SPRING ARE EXPOSED AND MAY BECOME LOST.**

**Important:** To maintain the proper function of your press, the Turret Head should be stored with the Turret Bushing that was supplied with it. Failure to do so may result in damage to the press. To fulfill the need for a convenient Turret Head & Bushing storage solution, the Turret Stacker (Part #67950) was developed.

**Turret Head Installation**

Before installing the Turret Head, wipe the mating surfaces clean with a rag to remove any dirt or debris. With the Detent Ball & Detent Spring removed, clean the Detent Hole with a "Q"-tip to move any foreign material. Replace the Detent Spring and ball when finished. Next, apply a quality automotive grease to all mating surfaces, including the turret bushing.

**Important:** The Detent Spring **NEEDS TO BE** installed in the Press Frame **BEFORE** the Detent Ball.

- Place the Turret Head and Bushing over the Press Frame, aligning the center of the Turret Bushing over the Turret Stud Hole.
- Install the Turret Stud by pushing it through the Turret Bushing and threading it (clockwise) into the Press Frame until it is finger tight.
- Now, use the 5/16" Hex Key to torque the Turret Stud to 45 ft./lbs.

**Optional Accessories**

**Extra 7 Station Turret with Bushing (Part #67002)**

This allows the user to maintain several turrets complete with dies installed to eliminate set up.

**Note:** Bushings are mated to their individual turret heads and should not be interchanged.

**Optional Turret Heads**

- Contains seven tapped holes (1"-14 thd) for 1" "Z-Series" dies (Part #67073)
- Contains three tapped holes (1"-14 thd) and four traditional 7/8"-14 threaded holes (Part #67074)

**Turret Stacker (Part #67950)**

The stacker allows for up to 3 complete turrets with dies installed to be stored safely thus preserving their adjustment. This system also prevents damage to decapping rods and pins when dies are not in use.



### Operational Slide Bar Automatic Primer Feeding System (Part #99600)

An optional Slide Bar Automatic Primer Feeding System is available from your dealer for the Big Boss, Big Boss II and T-7 reloading presses. It eliminates the handling of primers during seating and speeds up reloading operations. This system comes complete with individualized tubes for both large and small primers and has a capacity of approximately 100 primers. Additionally, it includes a steel safety shield for operator protection in the unlikely event of a detonation.



| Item | Part #         | Description                         |
|------|----------------|-------------------------------------|
| 1.   | 67001          | Frame                               |
| 2.   | 99200          | Lower Link                          |
| 3.   | 99650          | Handle                              |
| 4.   | 67615          | Ram                                 |
| 5.   | 99720          | Side Link                           |
| 6.   | 99175          | Ball Knob                           |
| 7.   | 99212          | Jam Nut                             |
| 8.   | 99208          | Roll Pin                            |
| 9.   | 99153          | Cap Screw*                          |
| 10.  | 99502<br>99501 | Primer Arm Assy.*<br>Large<br>Small |
| 11.  | 99217          | Primer Arm Spacer*                  |
| 12.  | 99219          | Ram Spring                          |
| 13.  | 99725          | Upper Linkage Pin                   |
| 14.  | 99214          | Retaining Ring                      |
| 15.  | 99730          | Ram Linkage Pin                     |
| 16.  | 99091          | 3/8" Snap Ring                      |
| 17.  | 99750          | Lower Linkage Pin                   |
| 18.  | 99226          | 7/16"-20 Stop Nut                   |
| 19.  | 67500          | Detent Spring                       |
| 20.  | 67505          | Detent Ball                         |
| 21.  | 67002          | 7 Station Turret                    |
| 22.  | 99600          | Opt. Slide Bar Primer Feeder        |

**\*Not all Part #s are available as replacements parts.**

If you have any questions regarding the above procedures, please do not hesitate to contact our tech support members.

Email: [techline@redding-reloading.com](mailto:techline@redding-reloading.com)

Phone: (607) 753- 3331

**Lifetime Warranty Disclaimer:**

***All Redding Reloading Equipment has been carefully inspected prior to shipment and is fully warranted to be free from defects in materials and workmanship for life.***

***Any product or parts which prove to be defective will be replaced or repaired without charge if returned prepaid to the factory.***

***Note: We reserve the right to decline responsibility where misuse or careless handling is evident or where repairs or modifications have been made or attempted by others.***