

# HORNADY®

## CAM-LOCK BULLET PULLER

### INSTRUCTIONS

The Hornady® Cam-Lock™ bullet puller is constructed in three major pieces. They are the body (392150), the Cam-Lock™ assembly (050094), and the interchangeable collets. There are thirteen different collets that will pull most any bullet, from 17caliber through 458 caliber, except a flush seated wad cutter.

**The Hornady® Cam-Lock™ bullet puller is extremely simple to use:**

1. First, remove the Cam-Lock™ handle assembly from the puller body.
2. Insert a collet appropriate for the caliber you wish to pull and reinsert the handle assembly.
3. Thread the assembled unit into a reloading press.
4. Place a cartridge in the shell holder and raise the ram until the bullet enters the collet just short of the cartridge case neck.
5. Lower the Cam-Lock™ handle and rotate the Cam-Lock™ assembly until the collet contacts the bullet.
6. Raise the Cam-Lock™ handle and turn the assembly another 1/4 turn.
7. Lower the handle to clamp the collet on the bullet, using the handle of the press, lower the ram. This action should pull the bullet from the cartridge case. If the bullet was not removed, raise the Cam-Lock™ handle, reposition the bullet into the collet, turn the assembly an additional 1/4 turn, lower the handle to clamp the bullet, and repeat the pulling operation.
8. Remove the cartridge case from the shell holder and raise the Cam-Lock™ handle to drop the bullet.

*Usually there will be only a slight mark on the bullet where the collet has gripped it. This mark will not adversely affect bullet performance. If the bullet has a deep mark or deformation, reduce the pressure by readjusting the Cam-Lock™ assembly in small increments until you are able to pull the bullet and not mark it excessively.*

*Military ammo and other cases where the bullet may be cemented in place or has an extra heavy crimp will be more difficult to pull. In this case, try running the round through a seating die and seating the bullet a little deeper. This will usually break the cement or loosen the crimp.*



### WARNINGS:

*Reloading is an enjoyable and rewarding hobby that is easily conducted with safety. Carelessness or negligence can make any hobby, especially reloading, hazardous. All Hornady® reloading tools and supplies are designed with the user's safety in mind. However, since Hornady® Mfg. Co. has no control over the manner in which products or components are used in the reloading operation, it cannot assume any liability for damage, which may result from the use of the products or the information given herein. It is the responsibility of you, the user, to follow generally accepted safety practices.*

*Use all reloading tools and supplies as the manufacturer recommends. Study the instructions carefully and become thoroughly familiar with the operation of those tools and supplies.*

*Observe good housekeeping in the reloading area. Keep all tools and supplies neat, clean and orderly. Promptly clean up all primer and powder spills.*

*Know your components. Study manufacturers' manuals to properly identify all components and use them according to their recommendations.*

*Perform all tasks relative to reloading only when you can give it your complete attention. Do not perform these activities when you are ill, fatigued, or distracted. Develop a routine to avoid mistakes and haste.*

*Always wear eye protection. You assume reasonable risk during most reloading related tasks and doing so without safety glasses is adding an unnecessary additional risk.*

*Use only laboratory tested and approved reloading and component data and reloading procedures. We highly recommend the Hornady® "Handbook of Cartridge Reloading" in its most current Edition as your source for the most modern and current information.*

