Flash Hole Uniforming Tool

Instructions For
Lyman Flash Hole Uniformer (7777760) and Uniformer Rod Unit Only (7777761)

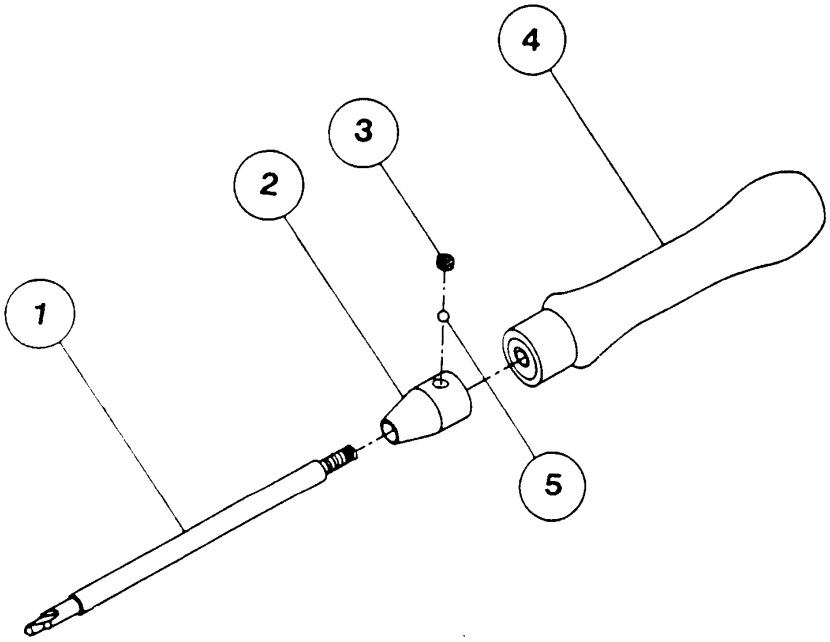
During case manufacture, burrs are often raised around the primer flash hole from punching operations and primer flash hole uniformity can be affected.

Your Lyman Flash Hole Uniformer will remove these burrs and standardize the length of the flash hole, allowing a more uniform flash to ignite the powder charge thus improving accuracy. The cone adapter is adjustable to fit various length rifle and pistol cases from .22 to .45 caliber. The rod unit can be mounted in the Lyman multi-purpose wooden handle (included).

1. CAUTION: PRIOR TO REMOVING BURRS FROM YOUR CARTRIDGE CASES, BE CERTAIN THAT ALL PRIMERS HAVE BEEN REMOVED FROM THE CASES. A LIVE PRIMER COULD BE DETONATED BY THIS OPERATION. FOR BEST RESULTS, BE SURE THAT CASES HAVE BEEN TRIMMED TO A UNIFORM LENGTH.
2. Assemble the uniformer cutter shaft assembly, Fig. 1, into the wooden handle, Fig. 4.
3. Loosen the set screw in the cone shaped case adapter and slide the adapter on the shaft away from the cutter end.
4. Insert the uniformer shank into the case mouth and align the cutter so that it protrudes through the flash hole.
5. While holding the case in this position, set your cutting length. Slide the cone shaped adapter into the entrance of the case mouth. Leave a gap of .010" between case mouth and cone shaped adapter. Tighten the adapter set screw. Your tool is now adjusted to deburr your cases.
6. Turn the tool clockwise until you feel the cutting stop, usually after two or three turns. Some adjustment of the cone shaped adapter may be necessary if cases vary in internal volume.

CAUTION: WE RECOMMEND A MODEST DEPTH-OF-CUT AS THE REMOVAL OF EXCESSIVE AMOUNTS OF BRASS WILL ONLY WEAKEN THE CASE. REMOVE ONLY ENOUGH BRASS TO ELIMINATE ANY BURRS AROUND THE FLASH HOLE.

Diagram of Flash Hole Uniforming Tool



KEY	DESCRIPTION	NO. REQ	PART NO.
1	*Cutter Shank Assy	1	7998248
2	*Case Adapter	1	7998247
3	*8-32 x 1/8 Set Screw	1	7994418
4	Handle Assembly	1	7990375
5	*Lead Shot	1	—

* Note: Items not available separately, order as rod unit only (7777761)

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