

PRIMER POCKET UNIFORMER INSTRUCTIONS

The Lyman Primer Pocket Uniforming Tool is designed to cut primer pockets to a uniform depth which can produce more consistent ignition and lead to greater accuracy. The Primer Pocket Uniformer cuts primer pockets to a uniform depth, and at the same time, squares the seating surface for the anvil of the primer. Primers are constructed so the anvil protrudes slightly from the open end of the primer cup. This is necessary so that the anvil will rest firmly on the bottom of the primer pocket. When the firing pin strikes the primer, the impact sensitive compound inside the primer is crushed between the anvil and cup causing the compound to ignite. Variations in the depth of configuration of the primer pocket, or in the primer seating operation itself, can alter the effects of the firing pin blow. This, in turn, effects the ignition of the primer and may effect the accuracy of the cartridge.

The Primer Pocket Uniformer is available for large rifle or small rifle primer pockets. The Uniforming Tool is factory set to S.A.A.M.I. specifications and is locked into place. NO ADJUSTMENTS ARE NEEDED OR SHOULD BE ATTEMPTED!

To use the Primer Pocket Uniforming Tool, insert the cutter into the primer pocket of an empty, deprimed case. Be sure to hold the case straight in line with the Uniforming Tool. Turn the cutter clockwise in the primer pocket while applying pressure. Continue to turn the cutter and remove material until the head of the case makes contact squarely to the stop collar on the Uniforming Tool. Remove the cutter from the case and check the pocket for brass shavings. Remove any shavings that are found.

Military cases have crimped in primers. Lyman's Primer Pocket Reamer should be used first to remove the crimp. Then the Uniforming Tool can be used as described above.

WARNING

1. Do not adjust stop collar
2. Large rifle and large pistol primers have different pocket depths. Do not use the large rifle Uniformer in pistol cases.
3. Holding the Uniforming Tool at an angle in the primer pocket could enlarge the pocket and cause gas leakage. Be sure to keep the tool square and in-line with the case.

