The Snap Ring Pliers are included in the AR-15/M-16 Armorers Kit to remove the Handguard Snap Ring so the Barrel Nut Assembly can be taken apart for maintenance and repair. The Handguard Slip Ring is secured on the Barrel Nut of the AR-15/M-16 rifle by the Handguard Snap Ring. The Snap Ring also serves as a base for the Handguard Slip Ring Spring which provides tension for the Slip Ring.

HOW TO USE

The Snap Ring Pliers are used as follows. First, select the appropriate set of nose tips for use in the Pliers (normally, the black .035” diameter tips). After loosening the slotted screws near the end of the pliers, place the shank of the appropriate tip in the groove under the clamping pad and retighten the screw. Make ABSOLUTELY CERTAIN that the tips are securely locked in place and will not slip or move during use.

Note that the Snap Ring Pliers can be set so the tips will move apart when the handles are closed, or so that the tips will come together as the handles are closed. The Pliers should be set up to function in the manner with which the user is most comfortable.

The tips of the Pliers are inserted in the holes located in the ends of the Snap Ring. Hold the Pliers securely so the tips do not slip from the holes in the Snap Ring, and spread the tips apart slowly and CAREFULLY. Do not over expand the Snap Ring. If the Snap Ring is spread too far, it may be damaged. Spread the ends of the Snap Ring only enough to permit its removal from the Barrel Nut.

The Snap Ring Pliers are also essential for proper, easy installation of the Snap Ring. Again, care must be taken to make sure the Snap Ring is not expanded any more than is absolutely necessary to slide onto the Barrel Nut.

As always, when working with any type of spring, safety glasses or other suitable eye protection MUST be worn.

Reassemble the firearm according to the manufacturer’s instructions. Check for proper functioning using ACTION PROVING DUMMIES. Make sure ALL SAFETY MECHANISMS are fully functional as designed and approved by the manufacturer. If these tests prove satisfactory, test-fire the firearm with live ammunition in a SAFÉ and APPROPRIATE manner. IMPORTANT! Start the live ammunition tests by first loading an ACTION PROVING DUMMY, then a live round, into the magazine. Only after several tests have been conducted in this manner should additional rounds be placed in the magazine and fired.