



INSTRUCTIONS

MAGNUM PICK GUN #44

PRELIMINARIES

1. Inspect keyway and location of the bottom pins closely.
2. Install straight pick into gun, as shown below (Fig.A), & secure with nut, bolt, & washers. When the pick is inserted into a lock the gun should not be tilted up or down or from side to side. If there is an obstruction in front of the lock which prevents the pick from being inserted straight into the lock, the offset pick should be used.

OPERATION

Insert tension wrench into bottom of plug (opposite pins). Apply light tension in the direction which lock will open (Fig. B).

Insert pick just below the bottom pins. The pick must be inserted straight (top of pick parallel to shear line). It is important that the full striking force of the pick be applied equally to all pins.

Occasionally a ward of the keyway prevents the pick from being inserted straight up. The gun will still operate if tilted only slightly to one side, but will become inoperable if tilted at too great an angle. Insert the pick into the cylinder only deep enough to reach the back pin. Do not force the pick into the cylinder, it will bind in the keyway and become inoperable. Do not file or alter the pick in any way.

Once the tension wrench and gun are in place, pull the trigger of the gun rapidly. Be sure that the pick is striking the bottom pins and not the sides or top of the keyway. Begin with tension adjustment set at minimum, increasing tension as required (Fig D). Larger locks with stronger springs normally require that the tension adjustment be set higher. Always return tension adjustment to minimum setting after each use.

If the lock does not open after five shots, increase the tension on the pick gun by rotating the knurled wheel toward the maximum setting. Release tension on wrench allowing pins to drop back in place and begin again with Step 1. Do not attempt to pick one pin at a time.

HOW TO REPLACE SPRINGS(fig.C)

1. Remove 5 screws as shown at right and lift top half of pick gun case.
2. Remove old springs and replace with new.

A. Flat Spring

Lift knurled wheel from case and slide to the right, releasing pressure on spring.

Lift pick clamp from pivot post. Replace spring and return clamp to post. Return knurled wheel to proper position. (X)

B. Loose Coil Spring (Y)

Carefully lift trigger from pivot post. Replace spring and return to post.

C. Tight Coil Spring (Z)

Lift knurled wheel from case and spring will drop from track.

3. Replace top half of pick gun case and attach with (5) screws.

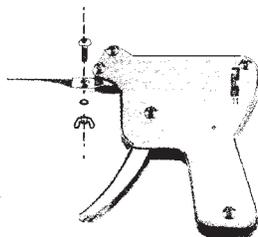


Fig. A

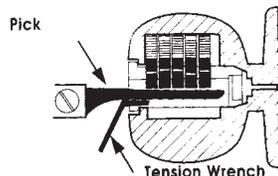


Fig. B

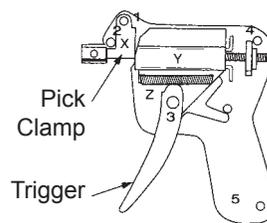


Fig. C

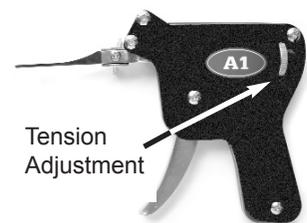


Fig. D