

## LAMP EXTRACTOR KS-21144 L1

### DESCRIPTION AND USE

#### 1. GENERAL

**1.01** This section covers the description and use of the KS-21144 L1 lamp and cap extractor. This extractor is intended for use in removing caps and T1-type lamps from miniature lamp assemblies in L4 and L5 terminal equipment.

#### 2. DESCRIPTION

**2.01** The KS-21144 extractor (Fig. 1) is a double-ended tool with a countersunk hole at one end for removing and replacing a lamp cap. The other end is equipped with a tapered slotted spring which is used for removing and replacing lamp bulbs. The extractor is also equipped with a pocket clip.

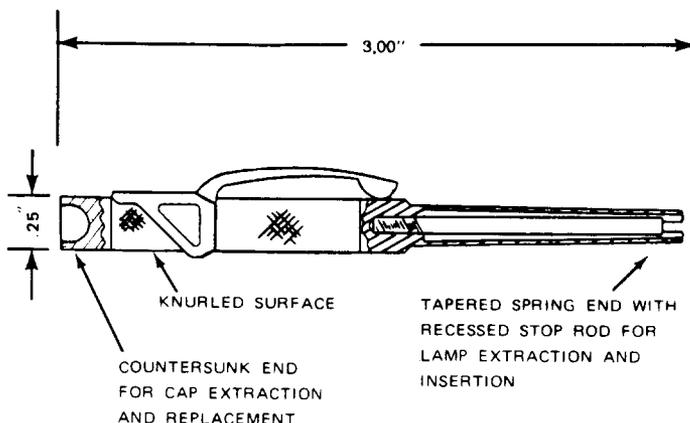


Fig. 1—Extractor, KS-21144 L1

#### 3. USE

**3.01** To remove a lamp cap, place the countersunk end of the extractor tool over the lamp cap, as shown in Fig. 2. Snap the cap off by moving the tool to one side, as shown in Fig. 3. Remove the cap from the tool.

**3.02** To remove a lamp, push the spring end over the lamp, as shown in Fig. 4, and

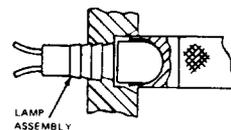


Fig. 2—Countersunk End of Tool Over Cap

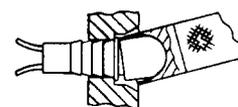


Fig. 3—Snapping Cap Off by Moving Tool to One Side

withdraw lamp. If lamp offers resistance, lightly squeeze slotted springs together and withdraw lamp.

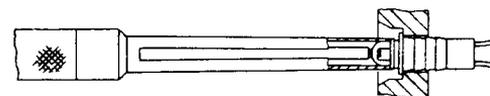


Fig. 4—Spring End of Tool Over Lamp

**3.03** To insert a new lamp, place glass envelope in the tool (Fig. 5). Insert lamp in base and withdraw tool by moving tool to one side, as shown in Fig. 6. Use tool to replace cap, reversing procedure in 3.01.

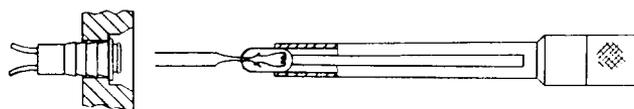


Fig. 5—New Lamp Inserted in Spring End of Tool

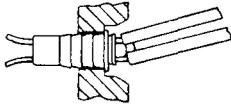


Fig. 6—Removing Tool From Installed Lamp