

## PANEL OFFICE TOOLS DESCRIPTION

### 1. GENERAL

1.01 This section describes Bell System coded and noncoded panel office tools.

1.02 The reasons for reissuing this section are listed below. Since this is a major revision, revision arrows have been omitted. The Equipment Test List is not affected.

- (a) To rate the 404A, KS-16917 and KS-16918 tools as Mfr Disc.
- (b) To update practice to the standard format.

1.03 The following list of tools is Mfr. Disc. with no replacement: 332, 337, 396A, 404A, 450A, 499A, 500A, 501A, 502A, 521A, 526A, 621A, R-1648 (DET. 3), D-97083, D-97085, D-97086, KS-16917, L1, and KS-16918, L1.

2.02 **427A:** The 427A shaft support tool (Fig. 2) is used on vertical drive shafts.

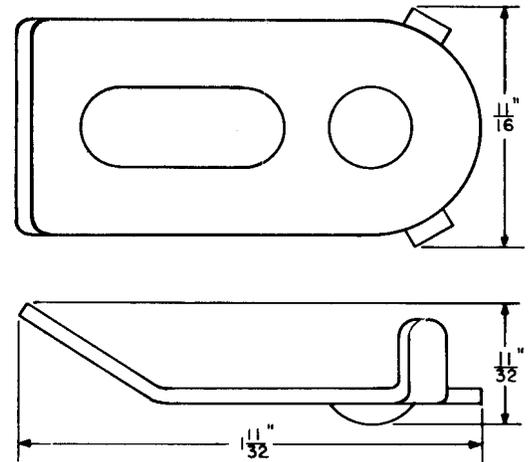


Fig. 2—427A Shaft Support Tool

### 2. DESCRIPTION OF TOOLS

2.01 **357:** The 357 spring contact clip and insulator tool (Fig. 1) is used on A- and B-type sequence switches and panel elevator apparatus.

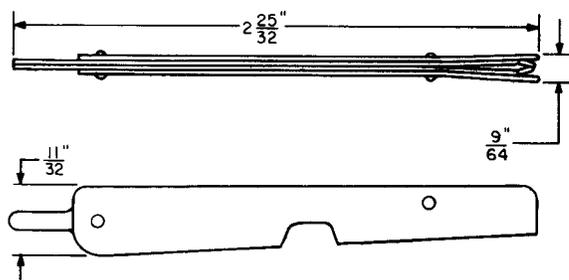


Fig. 1—357 Spring Contact Clip and Insulator Tool

2.03 **562A:** The 562A offset tip tool (Fig. 3) is used in conjunction with the 510C tool. For more information on the 510C tool, see Section 074-235-109. The 562A is used on panel elevator apparatus.

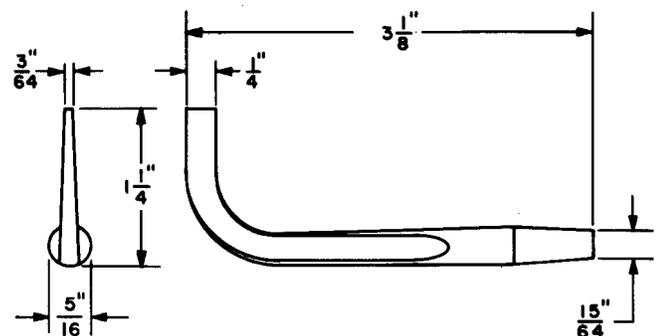


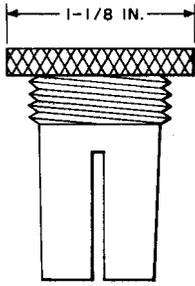
Fig. 3—562A Offset Tip Tool

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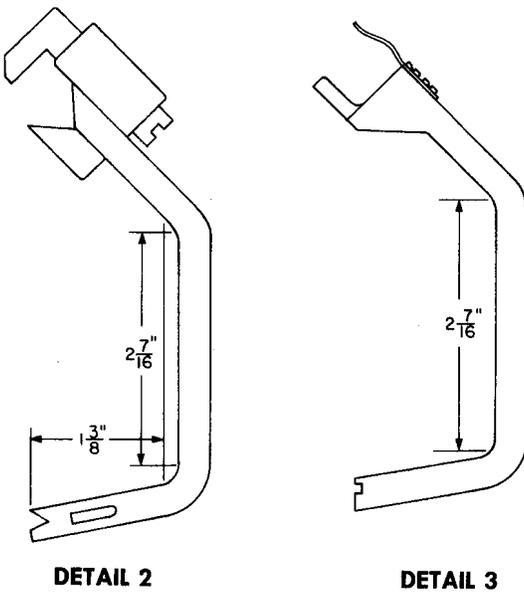
**SECTION 074-247-105**

**2.04 R-1026:** The R-1026 gear case setting tool (Fig. 4) is used on friction roll drives.



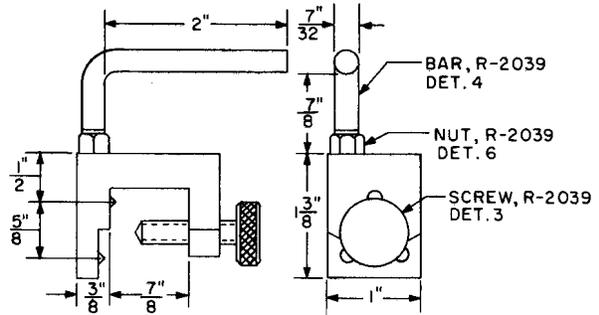
**Fig. 4—R-1026 Gear Case Setting Tool**

**2.05 R-2003:** The R-2003 aligning fixture tool (Fig. 5) is used on vertical drive shafts. Unless specified in the order, two Detail 2 and one Detail 3 are included.



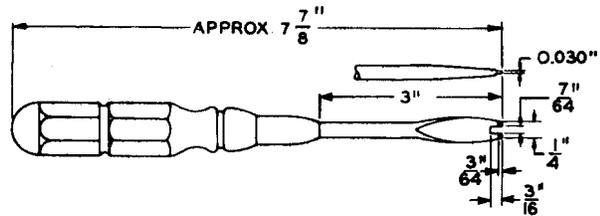
**Fig. 5—R-2003 Aligning Fixture Tool**

**2.06 R-2039:** The R-2039 indicator clamping fixture tool (Fig. 6) is used on vertical drive shafts and associated apparatus.



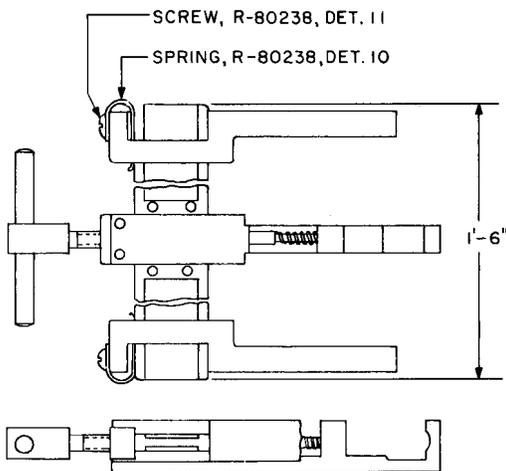
**Fig. 6—R-2039 Indicator Clamping Fixture Tool**

**2.07 R-6770:** The R-6770 slotted screwdriver tool (Fig. 7) is used on panel multiple banks.



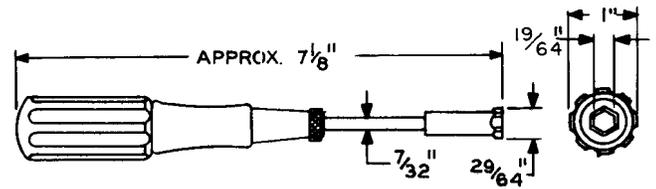
**Fig. 7—R-6770 Slotted Screwdriver Tool**

**2.08 R-80238:** The R-80238 shaft-straightening fixture tool (Fig. 8) is used on vertical drive shafts and associated apparatus.



**Fig. 8—R-80238 Shaft-Straightening Fixture Tool**

**2.09 KS-6263:** The KS-6263 19/64-inch screwdriver-handle hex socket wrench tool (Fig. 9) is used on panel vertical drive shaft couplings and sequence switches. This tool replaces the KS-6079 wrench.



**Fig. 9—KS-6263 Screwdriver-Handle Hex Socket Wrench Tool**