## SPANNER WRENCHES

## DESCRIPTION

## TOOLS

## 1. GENERAL

1.01 This section describes spanner wrench tools used by the Bell System.
1.02 The reasons for reissuing this section are listed below. Since this is a general revision, revision arrows have been omitted.
(a) To rate the 346 spanner wrench Mfr Disc.
(b) To update to standard format.
1.03 See tool index for other wrench tool practices.
1.04 The following is a list of spanner wrench tools that have been rated Mfr Disc. with their replacement.

Wrench Tool
346
453A
D-178696
KS-7261

## 2. DESCRIPTION OF TOOLS

2.01 346B: The 346B spanner wreach tool (Fig. 1) is for use in adjusting input and output motor drives of the Automatic Message Accounting (AMA) System.


Fig. 1-346B Spanner Wrench Tool
2.02 347: The 347 spanner wrench tool (Fig. 2) is for use in drawing up split bushings in 16-type vertical drives so as to clamp the bushings and associated parts onto the drive shafts.


Fig. 2-347 Spanner Wrench Tool
2.03 647A: The 647A spanner wrench tool (Fig. 3) is for use on the KS- 13835 readers. This tool replaces the D-178696 tool.


Fig. 3-647A Spanner Wrench Tool
2.04 683B: The 683B tube shield wrench tool (Fig.
4) is for use in tightening and loosening the 1$1 / 4$ inch and $1-1 / 2$ inch diameter heat-conducting electron tube shields in L3 Carrier Systems and in video transmission equipment.


Fig. 4-683B Tube Shield Wrench Tool
2.05 $\boldsymbol{R}$-2895: The R-2895 adjustable hook spanner wrench tool (Fig. 5) is adjustable from 3/4 inch to 2 inches in diameter. This tool is used on the 659A tool.


Fig. 5-R-2895 Adjustable Hook Spanner Wrench Tool
2.06 KS-7261: The KS-7261 swivel spanner wrench tool (Fig. 6) is used in replacing oil sight rings.


Fig. 6-KS-7261 Swivel Spanner Wrench Tool

### 2.07 American Instrument Co. No. 4-4896A:

The American Instrument Co. No. 4-4896A spanner wrench tool (Fig. 7) is used on compressordehydrators, dehydrators, and air dryers.


Fig. 7-American Instrument Co. No. 4-4896A Spanner Wrench Tool
2.08 J. H. Williams and Co. No. 482: The J. H. Williams and Co. No. 482 adjustable face spanner wrench tool (Fig. 8) opens to a maximum of 2 inches. This tool is used on mercury-type interrupters where the wrench holes are 2 inches apart.


Fig. 8-J. H. Williams and Co. No. 482 Adjustable Face Spanner Wrench Tool

