

NO. 153A AMPLIFIER
FOR USE WITH HEAD TELEPHONE SETS

1. GENERAL

1.01 This addendum supplements the section and replaces Fig. 5. Fig. 5A is added to maintain correct polarity where current reversal is made by central office or PBX.

- (a) Paragraph 3.04 of the section is replaced by paragraph 3.04 of this addendum.
- (b) Fig. 5A of addendum is added, due to inadequate space in the 153A

amplifier for placing semi-conductor diodes or varistors.

3. SCOPE

3.04 In cases where it is necessary to use this amplifier under conditions as in 3.03, where talking battery is reversed, during a call, or from call-to-call, provision has been made to modify the amplifier to function under these conditions. A full-wave rectifier bridge consisting of four KS-15724 L1 varistors is inserted in the power leads and wired as shown in Fig. 5A.

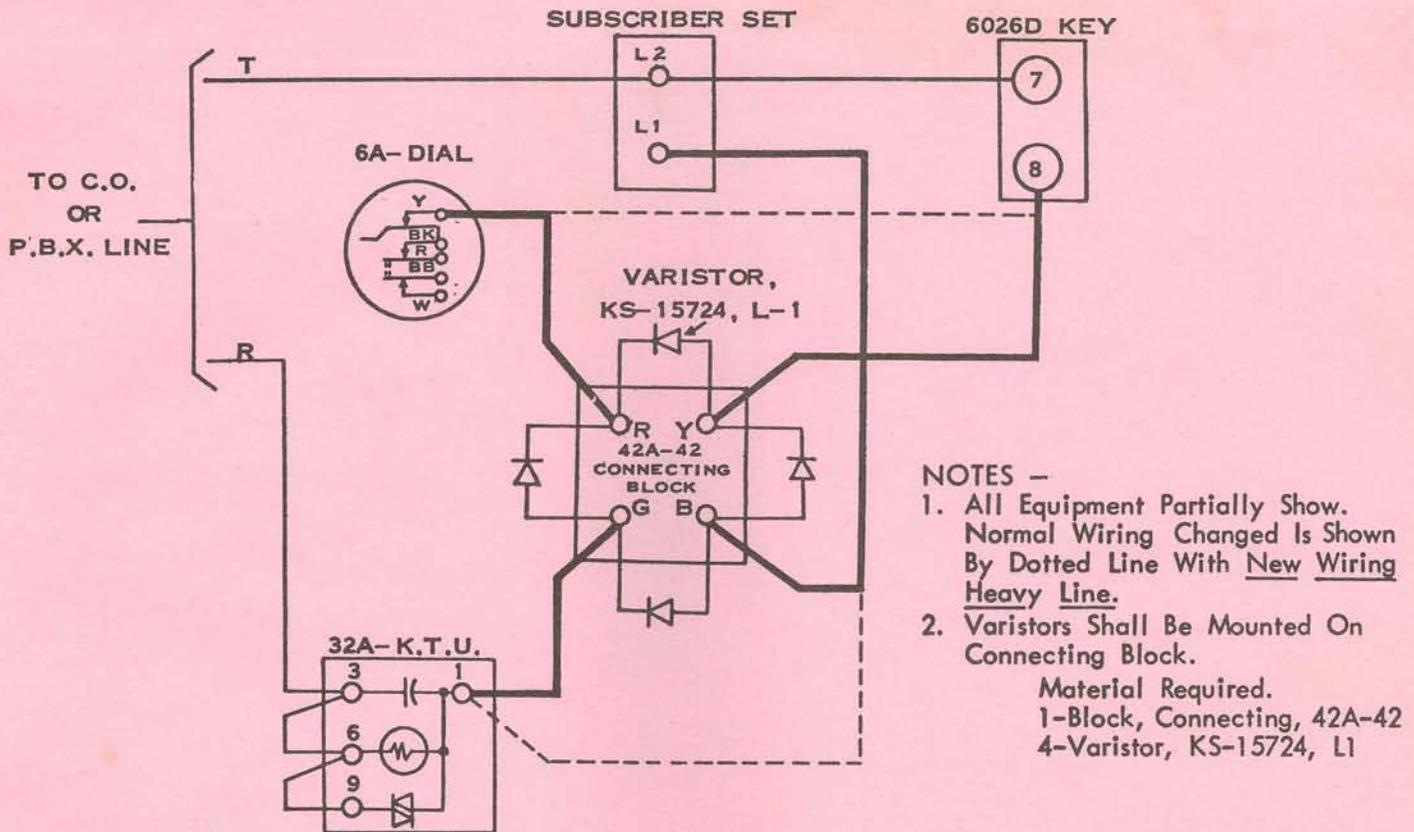


Fig. 5A-Modified Circuit For Nonpolarized Use With 4A Key Equipment.