

TELEPHONE SETS

596 (COPAN) AND 597 (SAC) TYPES

(LIMITED DISTRIBUTION)

I. GENERAL

I.01 This section contains description, assembly of parts, and connection information for the 596AR, 596CR, and the 597AR telephone sets.

I.02 This section is reissued to include the 596CR telephone set.

I.03 Except for the addition of a neon indicator lamp to supplement ringing, the 596CR telephone set (Fig. 1) is identical in external appearance to the 596AR and the 597AR telephone sets.

I.04 The 596AR telephone set is rated Manufacture Discontinued (MD). It is replaced by the 596CR telephone set (Fig. 1).

I.05 The 596AR and 596CR telephone sets are used in the Command Post Alerting Network (COPAN).

I.06 The 597AR telephone set is used in the Secondary and Primary Alerting Systems (SAC).



Fig. 1 - 596CR Telephone Set

I.07 These telephone sets are installed and maintained as described for 500-type telephone sets.

TABLE A
COMPONENTS AND ASSOCIATED APPARATUS

Type Set	Hand Set	Mounting Cord	Housing Assembly	Apparatus Blank	Colors Available	Ringer	Indicator Lamp	Capacitor
596AR	G3BR-00	D6AA-00	P-80D200	95B-00	Yellow (-56)	C4A	NE-51	198C
596CR		D10H-00	P-81K000		Yellow (-56) Lt. Gray (-61)			
597AR		D6AA-00	P-80D200		Red (-53)			

Note: When replacing colored parts, the -00 digits of these part numbers must be replaced by the code number corresponding to the color desired.

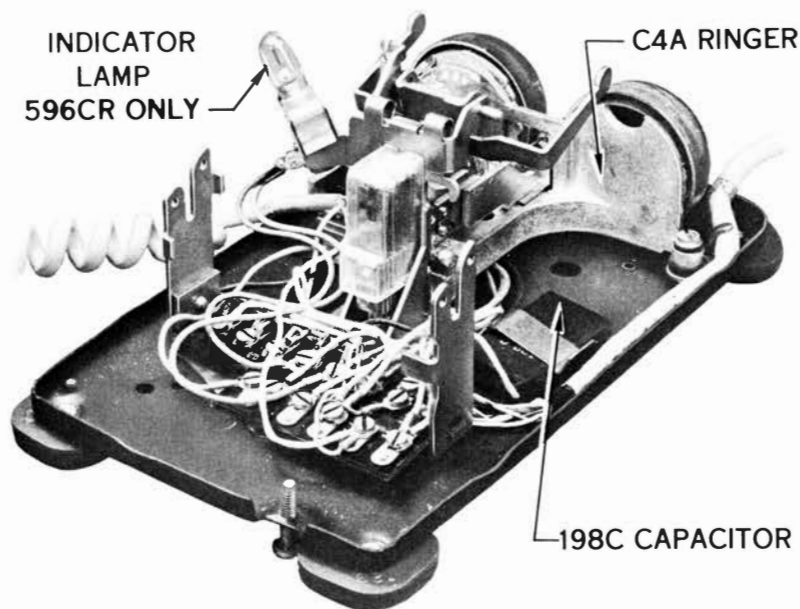


Fig. 2 - 596AR and CR Telephone Sets, Housing Removed

2. IDENTIFICATION

2.01 Component parts for the 596- and 597-type telephone sets are listed in Table A.

3. ASSEMBLY OF PARTS

3.01 The 596AR and CR telephone sets are desk-type manual telephone sets. They are equipped with a C4A ringer and a 198C capacitor to signal incoming calls. (See Fig. 2.) The 596CR is equipped with a neon indicator lamp to supplement ringing.

3.02 The 597AR telephone set is similar to the 596AR, but it is not equipped with a ringer or capacitor (Fig. 3).

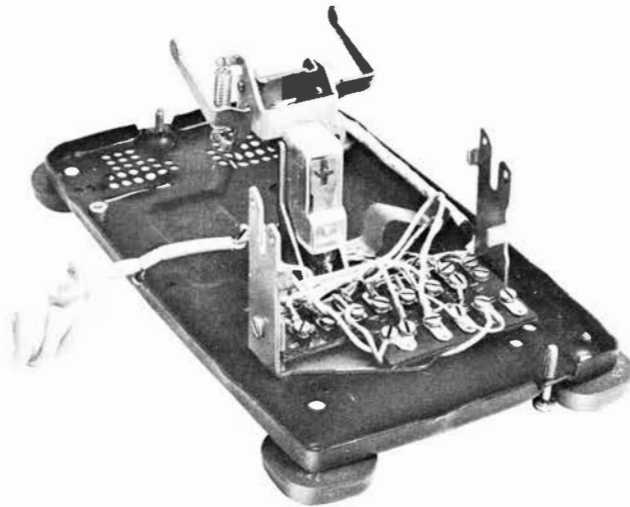


Fig. 3 - 597AR Telephone Set, Housing Removed

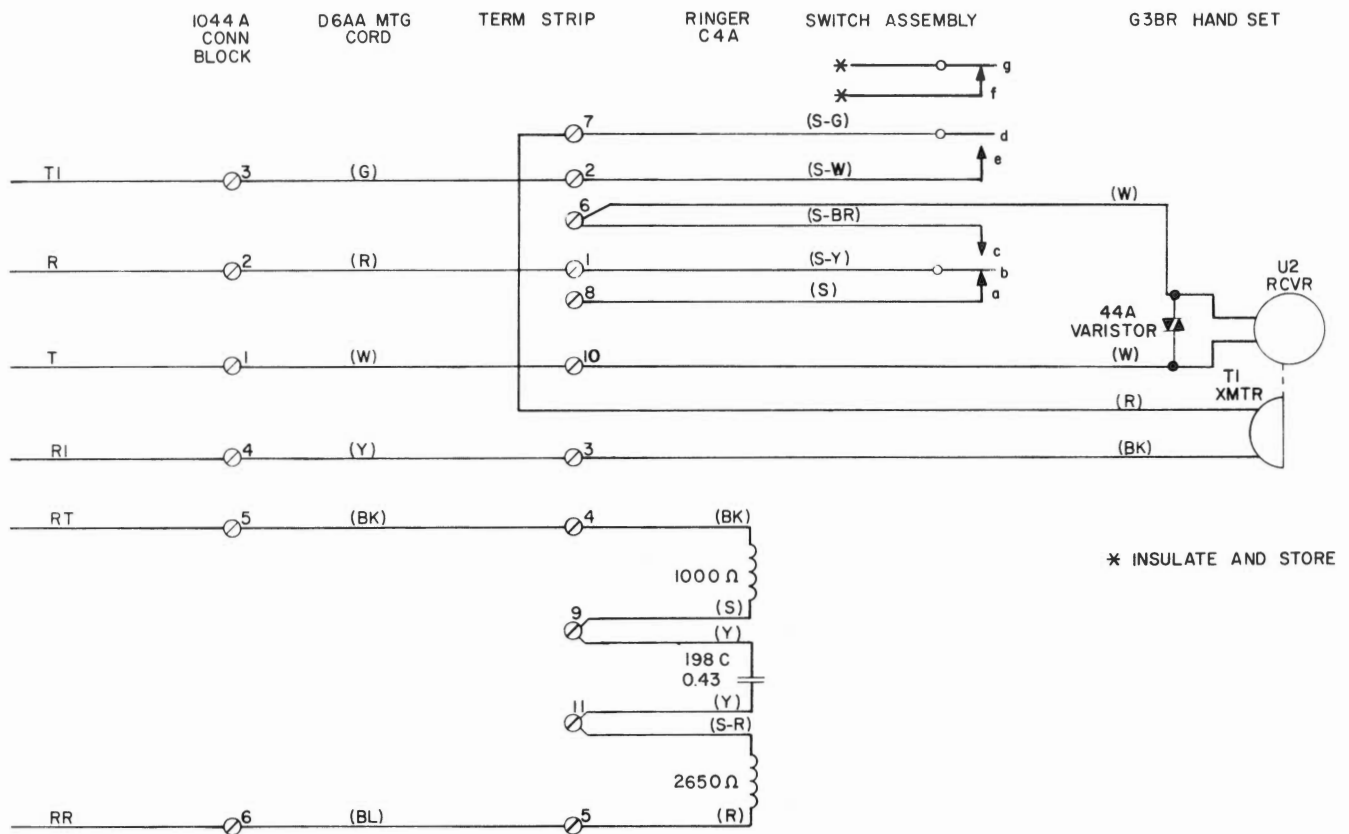
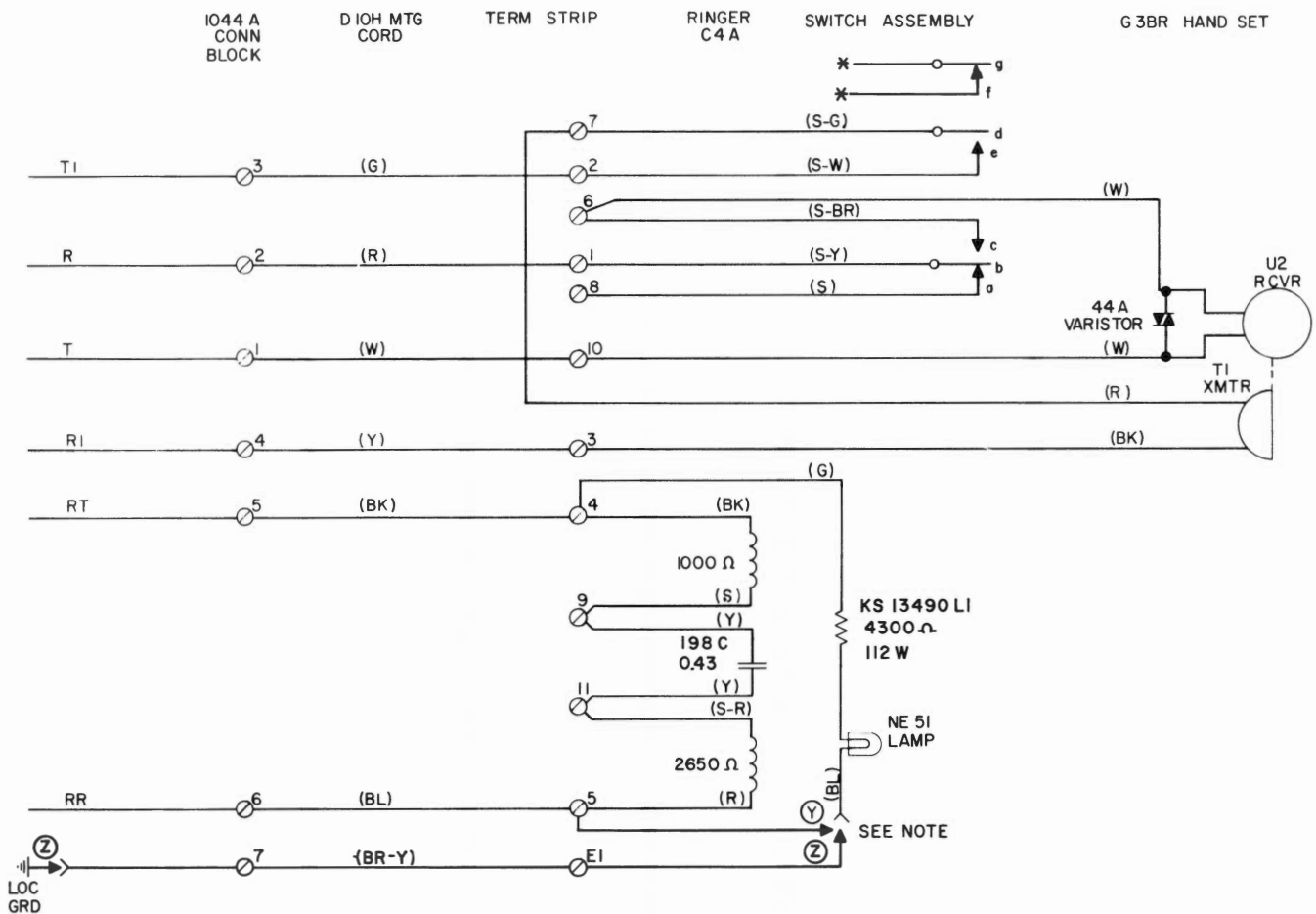


Fig. 4 - 596AR Telephone Set (COPAN)



NOTE

FOR ADDITIONAL LAMP BRILLIANCE, USE Z WIRING. IF Z WIRING IS USED, BE SURE THAT RINGING GENERATOR CURRENT IS RECEIVED ON LEAD RT.

* INSULATE AND STORE

Fig. 5 - 596CR Telephone Set (COPAN)

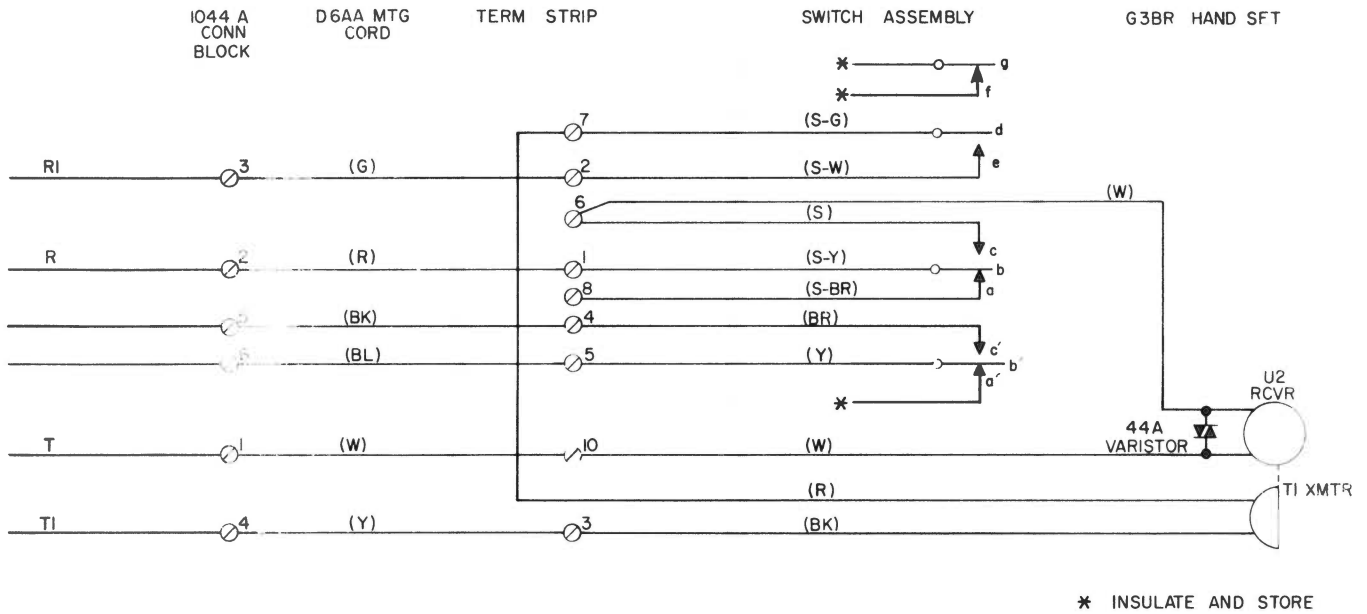


Fig. 6 - 597AR Telephone Set (SAC)