

SERVICE

540B TELEPHONE SET

1. GENERAL

1.01 This section provides maintenance and connection information for the 540B (MD) telephone set.

2. MAINTENANCE

Components

2.01 Maintenance of handsets, dials, and ringers is outlined in sections covering these components.

Removing and Replacing Housing

2.02 To remove housing, loosen captive screws in base of set. Lift housing up and toward front of set.

2.03 To replace housing, guide lower front of housing over pushbuttons, align housing with base of set and gently press housing into place. Tighten captive screws in base of set.

Mounting Cord

2.04 Replace mounting cord of early manufacture (Fig. 1) as follows:

- (1) Remove dial from mounting bracket.
- (2) Remove terminal screws.
- (3) Disconnect spade-tipped conductors and wafer section.
- (4) Disengage cord stay hook from right leg of dial mounting bracket.

2.05 Mounting cords of later manufacture feature a slotted wafer strip (Fig. 2) to facilitate replacement.

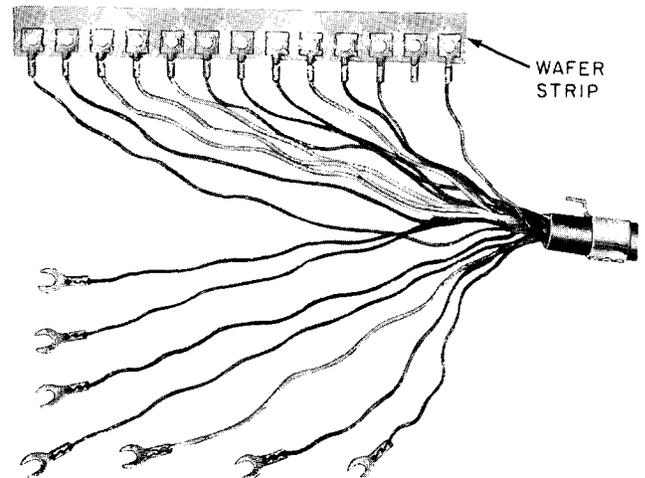


Fig. 1—Nonslotted Wafer Strip End of Mounting Cord, Early Type

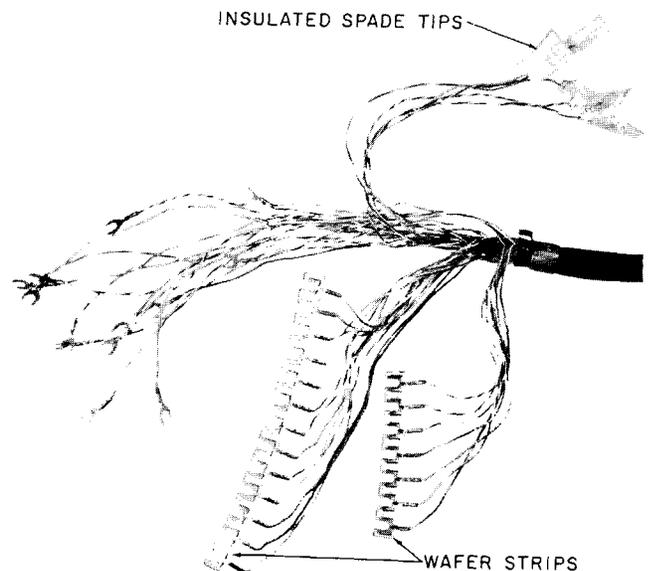


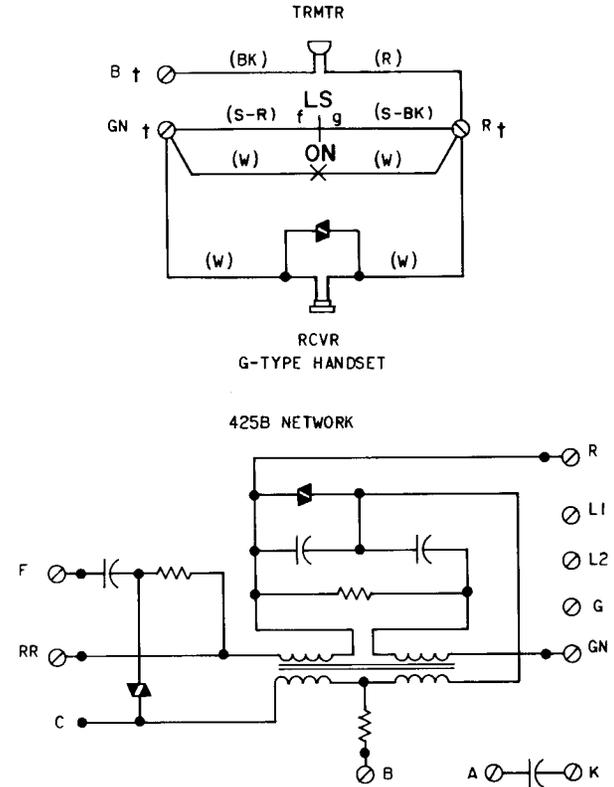
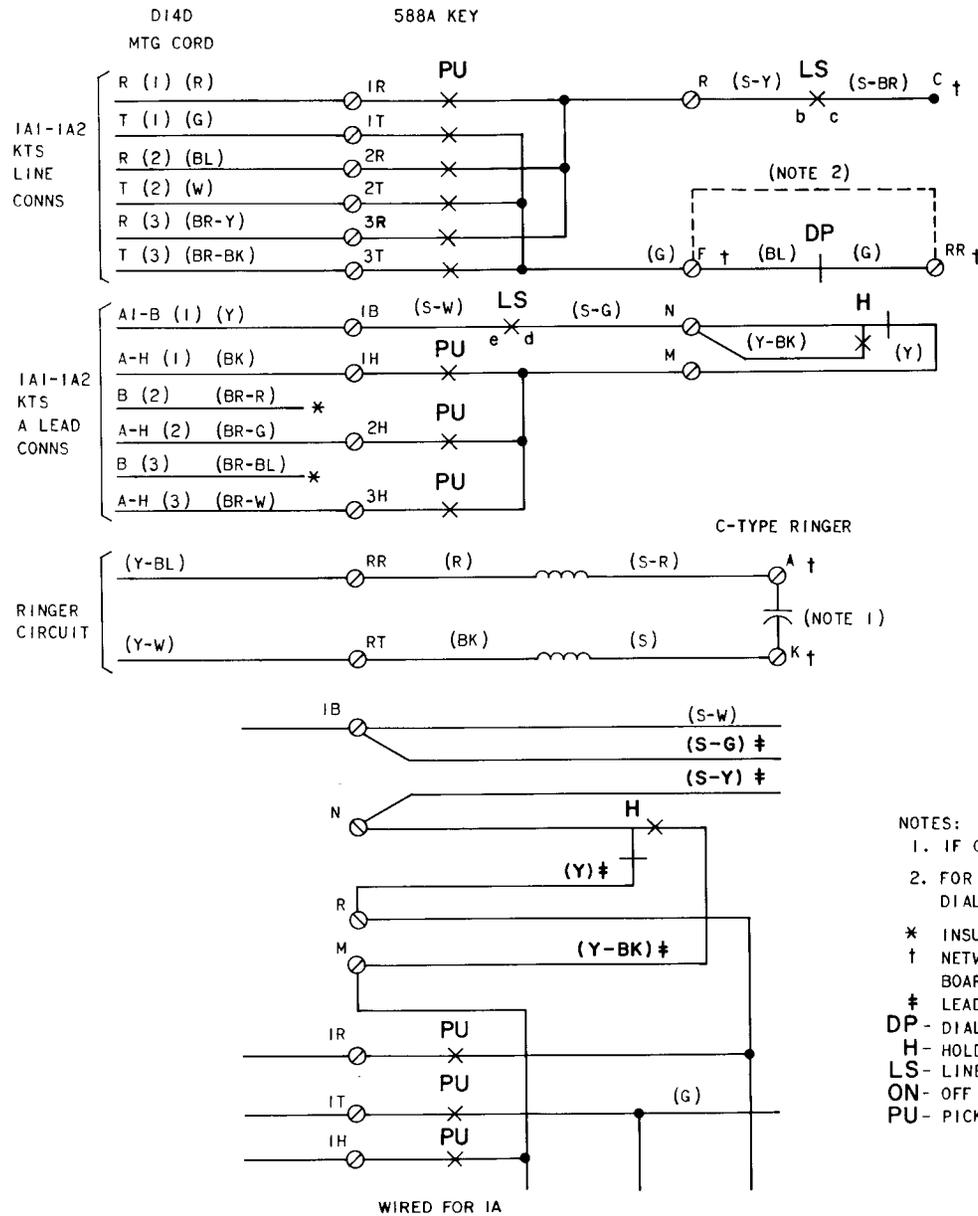
Fig. 2—Slotted Wafer Strip End of Mounting Cord, Late Type

Pushbuttons

2.06 Replace cracked pushbuttons or collars. Remove accumulated dirt or film from collars and pushbuttons with a water dampened cloth. **DO NOT USE SOLVENTS OF ANY KIND.** If cleaning does not correct binding of pushbuttons, replace button and collar assembly. It should be carefully aligned to avoid interference with removal of replacement of housing.

TABLE A
TERMINATIONS AT CONNECTING BLOCK

CKT	LEAD DESIG		KEY CABLE	CONN BLOCK		MTG CORD LEADS
	1A	1A1	D TYPE	TERM.	NO.	
Line 1	R T	R T	BL W	1 2	Block Nearest Cord Butt	R G
	B H	A1 A	O W	4 5		Y BK
Line 2	R T	R T	G W	6 7		BL W
	B H	— A	BR W	9 10		BR-R BR-G
Line 3	R T	R T	S W	3 8		BR-Y BR-BK
	B H	— A	BL R	1 2		BR-BL BR-W
Ringer or Buz	R B	R B	O BK	4 5		Y-BL Y-W



- NOTES:
1. IF CAPACITOR IS NOT REQUIRED, MOVE (S) RINGER LEAD TO A.
 2. FOR MANUAL SERVICE MOVE (G) LEAD FROM F TO RR. REPLACE DIAL WITH 95B APPARATUS BLANK.
- * INSULATE AND STORE UNDER TERMINAL STRIP.
 † NETWORK TERMINALS-UNDESIGNATED TERMINALS ARE ON KEY TERMINAL BOARD
- ‡ LEADS INVOLVED IN MODIFICATION
- DP - DIAL PULSE
 H - HOLD KEY
 LS - LINE SWITCH
 ON - OFF NORMAL CONTACT
 PU - PICKUP KEY
- LINE SWITCH OFF-HOOK SEQUENCE:
 d-e CLOSSES
 b-c CLOSSES
 f-g OPENS

Fig. 3—540B (MD) Telephone Set Connections