

TELEPHONE SETS — 500C,D

COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

This section covers the combination of apparatus, circuit diagrams, and connections for the 500C and D telephone sets.



FIG. 1—500 TYPE

TABLE A
COMBINATION OF APPARATUS

Tel. Set Code	Use	Components				
		Dial	Apparatus Blank	Handset	Ringer	Network
500C	Manual	—	95B	G1A	C4A	425B
500D	Dial	7D	—			

TABLE B
LINE AND RINGER CONNECTIONS

Wire or Lead	Individual or Bridged	Ring Party	Tip Party	Tip Party—Position 2	
				Message Rate	SxS with AT
		Positions 1, 3, 5, 7, 9	Positions 2, 4, 6, 8, 10	Zone Registration	SxS with AMA
Mounting Cord in Set	R	L2	L2	L2	L2
	GN	L1	L1	L1	L1
	Y	G	G	G	G
Ringer Lead	R	L2	L2	K	B
	BK	G	G	G	B
	SL	K	K	B	K
	SL-R	A	A	B	G
Switchhook Lead	SL	L2	L2	A	A
Mounting Cord Connecting Block	R	R	G	G	G
	GN	G	R	R	R
	Y	Y	Y	Y	Y
Line Wire Connecting Block	R	R	R	R	R
	GN	G	G	G	G
	Y	Y	Y	Y	Y

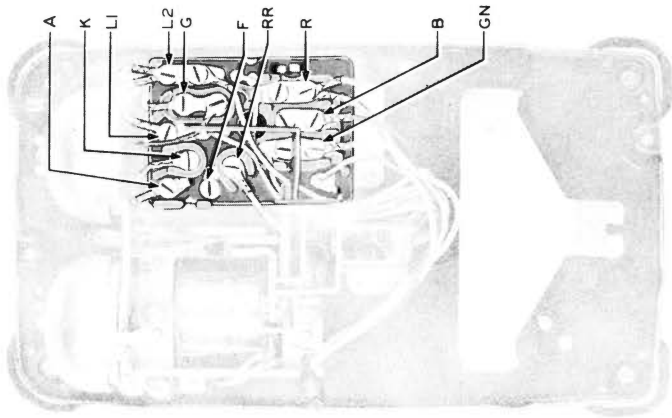
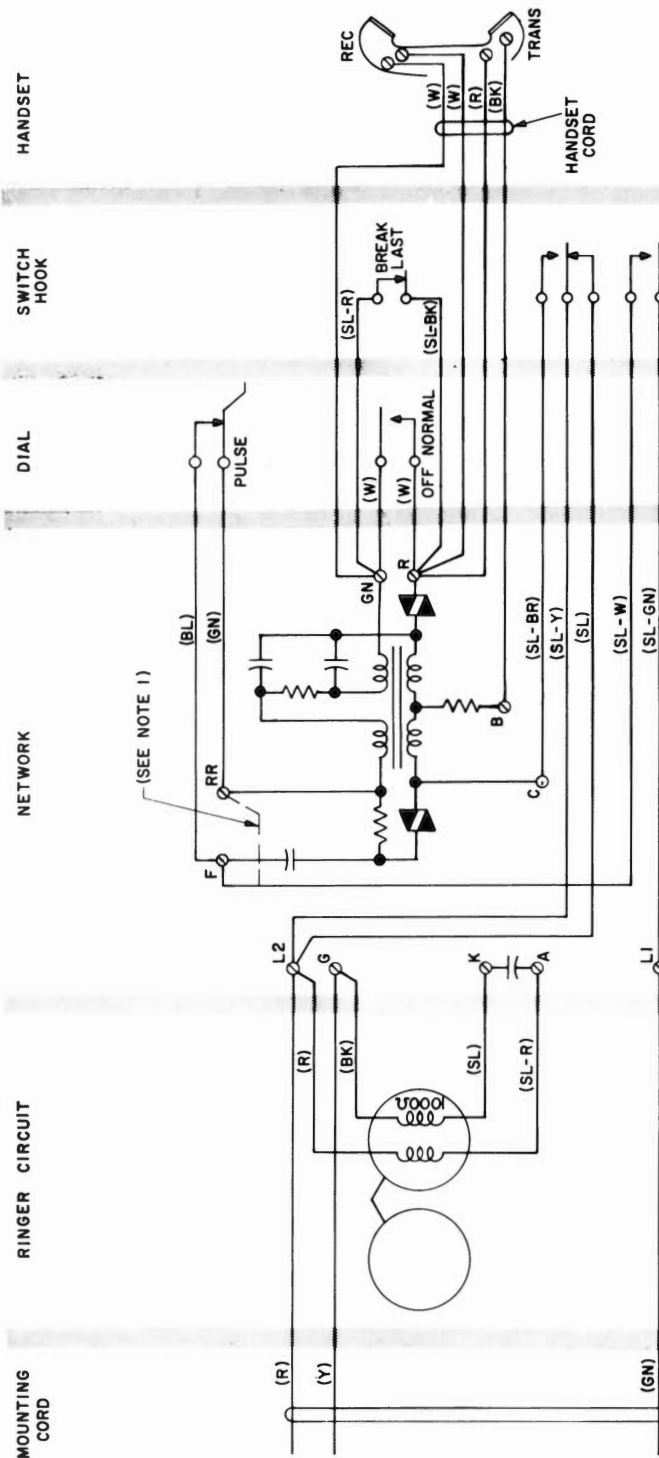


FIG. 2—500C, D TELEPHONE SET
(WITH DIAL REMOVED)



NOTE:
 1 SLATE-WHITE LEAD IS CONNECTED
 TO "F" TERMINAL IN DIAL SETS AND
 TO "RR" TERMINAL IN MANUAL SETS.

FIG. 3—500C, D CIRCUIT DIAGRAM
 (INDIVIDUAL RING AND TIP PARTIES)

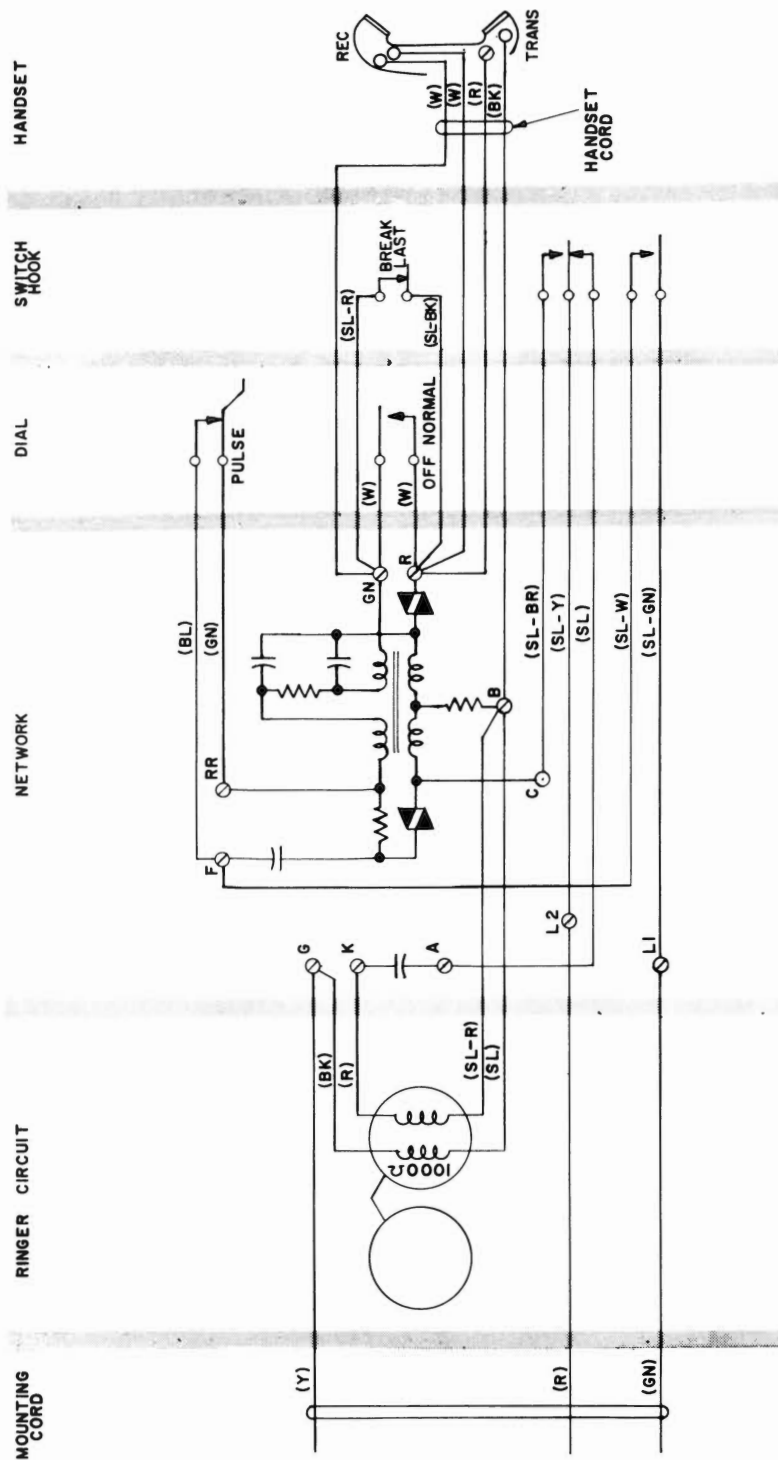


FIG. 4—500D CIRCUIT DIAGRAM
(MESSAGE RATE, ZONE REGISTRATION, X-BAR WITH AMA)

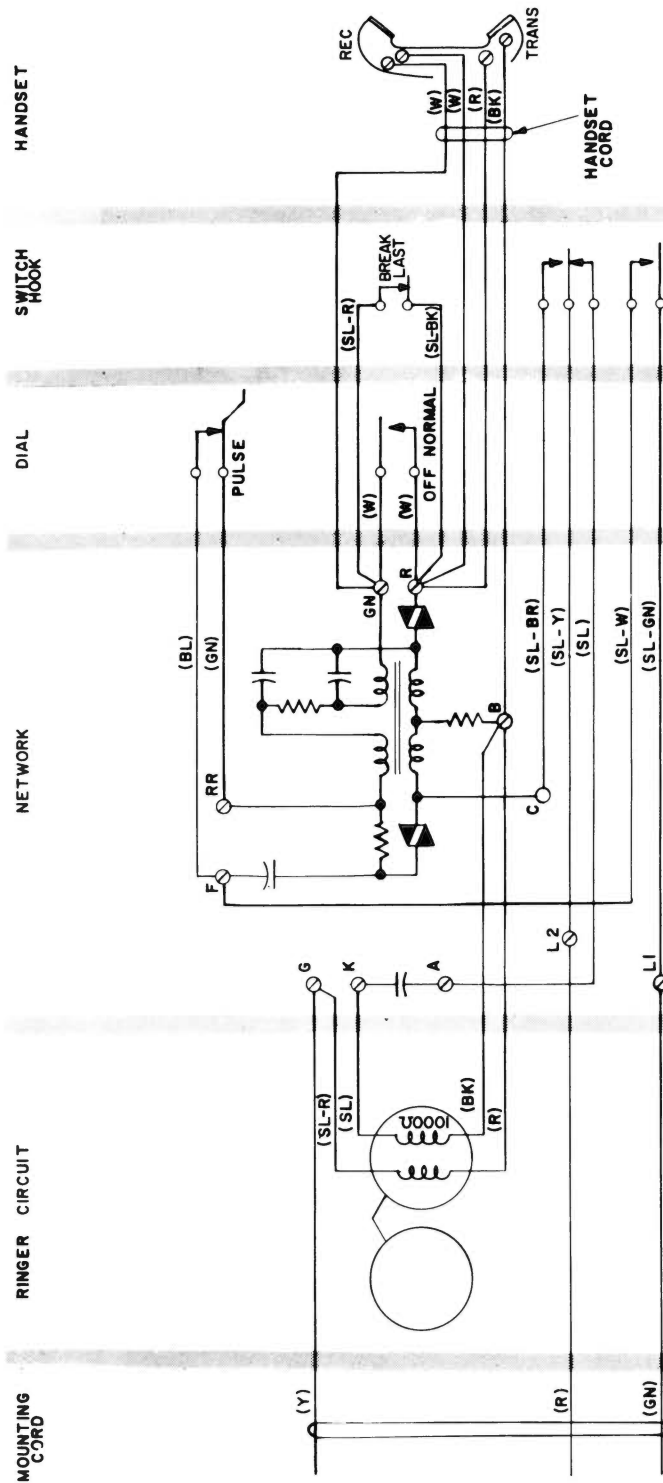


FIG. 5—500D CIRCUIT DIAGRAM
(SXS WITH AT, SXS WITH AMA, MODIFIED X-BAR WITH AMA)

3.00 RINGERS

3.01 To permanently silence the ringer, terminate ringer leads as shown in the following table:

TABLE C
RINGER LEAD CONNECTIONS

Class of Ringing Service	Ringer Lead			
	Red	Black	Slate	SI-Red
Individual or Bridged Ring Party Tip Party	L2	K	K	A
Tip Party Message Rate Zone Registration X-bar with AMA	K	G	B	K
Tip Party SxS with AT SxS with AMA Mod X-bar with AMA	B	K	K	G

3.02 The ringing bridge is the high-impedance type. For information on the number and type of ringing bridges permitted on each line, reference should be made to the C Section covering ringer limitations.