

TELEPHONE SETS — 500J,K

COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

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



FIG. 1—500 TYPE

TABLE A
COMBINATION OF APPARATUS

Tel. Set Code	Use	Components				
		Dial	Apparatus Blank	Handset	Ringer	Network
500J	Manual	—	95A	G1A	C4A	425A
500K	Dial	7A	—			

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
		Position 1, 3, 5, 7, 9	Position 2, 4, 6, 8, 10	Zone Registration	SxS with AMA
				X-bar with AMA	Mod X-bar with AMA
Mounting Cord in Set	R	L2	L2	L2	L2
	GN	L1	L1	L1	L1
	Y	G	G	G	G
	R	K	K	K	M
Ringer Lead	BK	G	G	G	R
	SL	E	E	M	K
	SL-R	F	E	R	G
	SL	L2	L2	A	A
Switchhook Lead	R	R	G	G	G
Mounting Cord at Connecting Block	GN	G	R	R	R
	Y	G	Y	Y	Y
Line Wire at Connecting Block	R	R	R	R	R
	GN	G	G	G	G
	Y	Y	Y	Y	Y

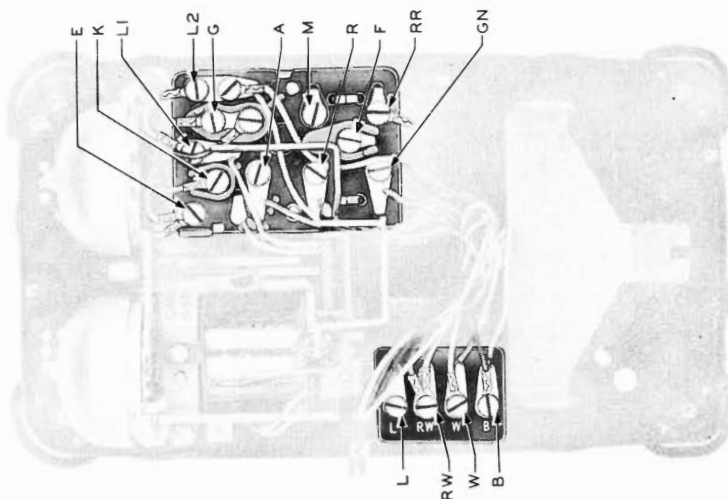
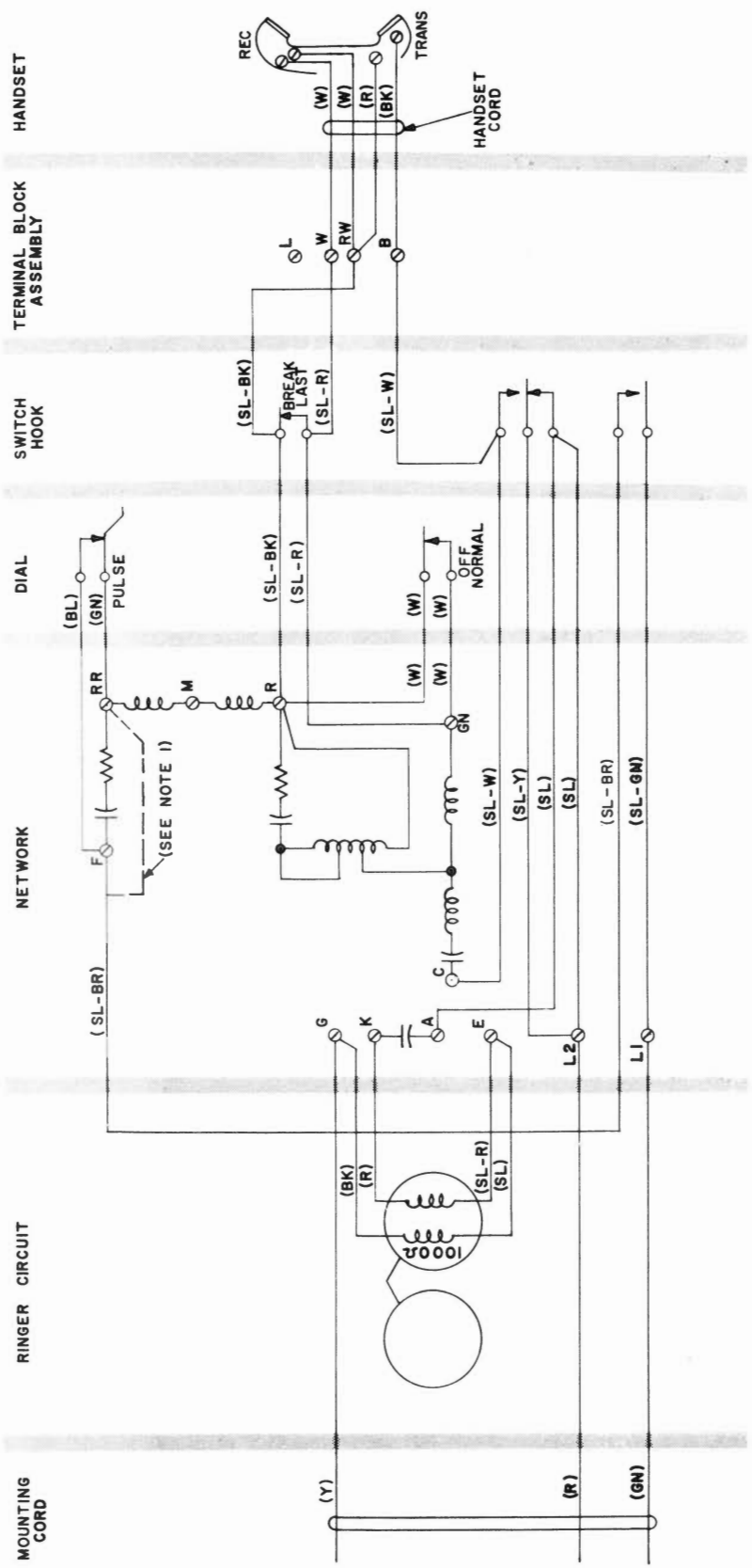


FIG. 2—500J.K (WITH DIAL REMOVED)



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

FIG. 3—500J,K CIRCUIT DIAGRAM
(INDIVIDUAL RING AND TIP PARTIES)

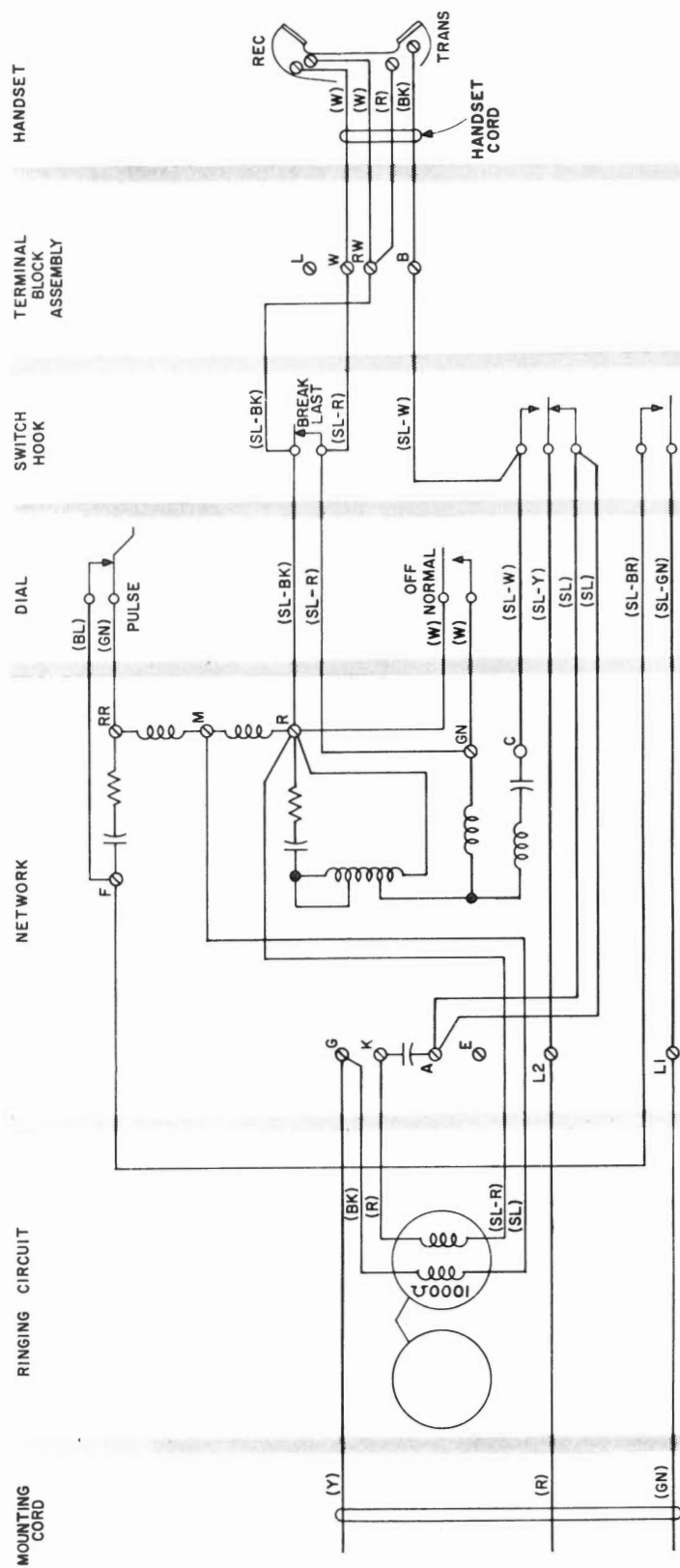


FIG. 4—500K CIRCUIT DIAGRAM
(MESSAGE RATE, ZONE REGISTRATION, X-BAR WITH AMA)

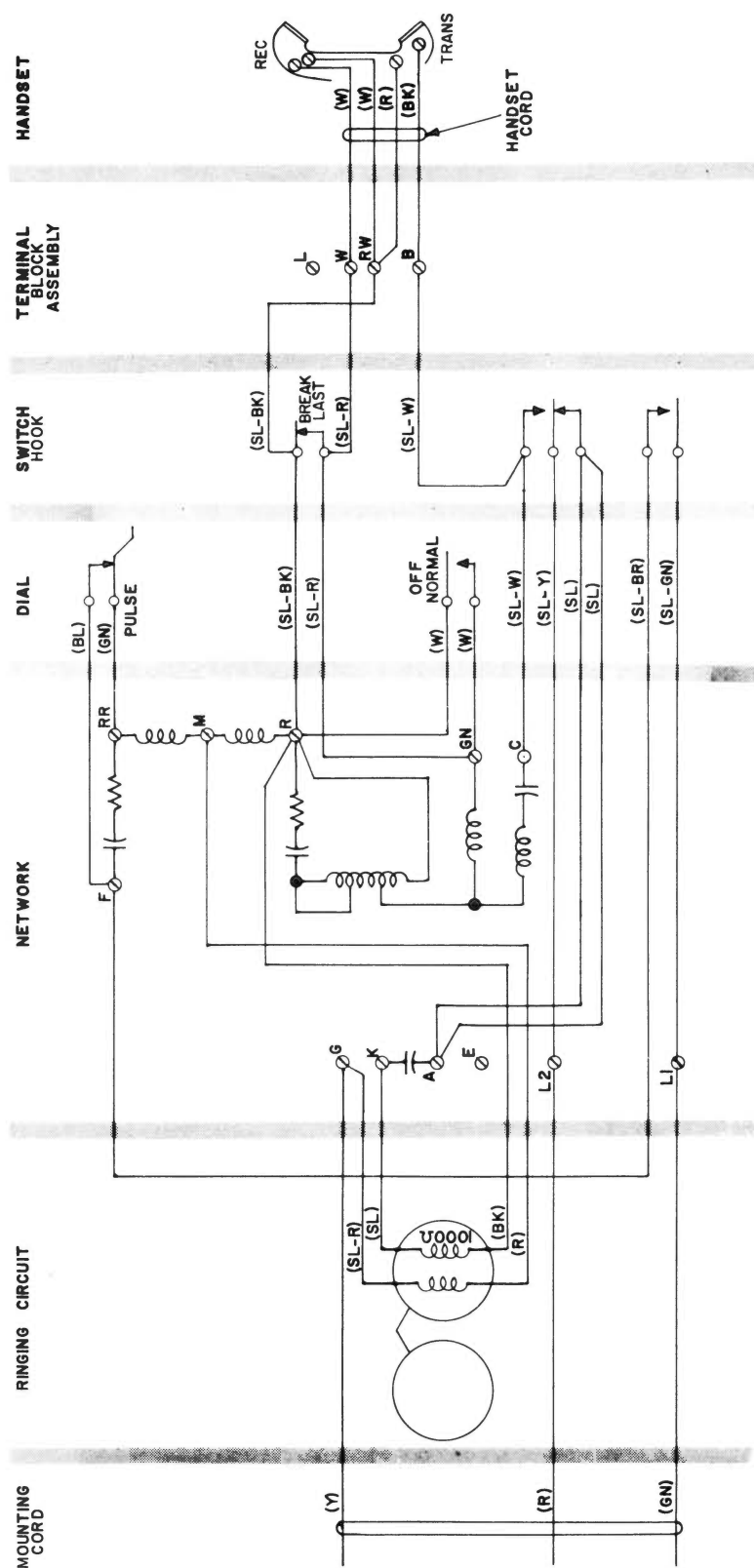


FIG. 5—500K CIRCUIT DIAGRAM
(SXS WITH AT, SXS WITH AMA, MODIFIED X-BAR WITH AMA)

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	K	K	E	E
Tip Party Message Rate Zone Registration X-bar with AMA	K	G	M	E
Tip Party SxS with AT SxS with AMA Mod X-bar with AMA	M	E	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.