

TELEPHONE SETS — 532A,B (AMPLIFIER SETS)

COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

This section covers the combination of apparatus, circuit diagrams, and connections for the 532A and B telephone sets.



FIG. 1—532 TYPE

TABLE A
COMBINATION OF APPARATUS

Hand Tel. Set Code	Use	Components						
		Dial	Apparatus Blank	Handset	Ringer	Network	Varistor	Amplifier
532A	Manual	—	95B	G1A	C4A	425B	419A	151A or 151B
532B	Dial	7D	—					

2.00 CONNECTIONS

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

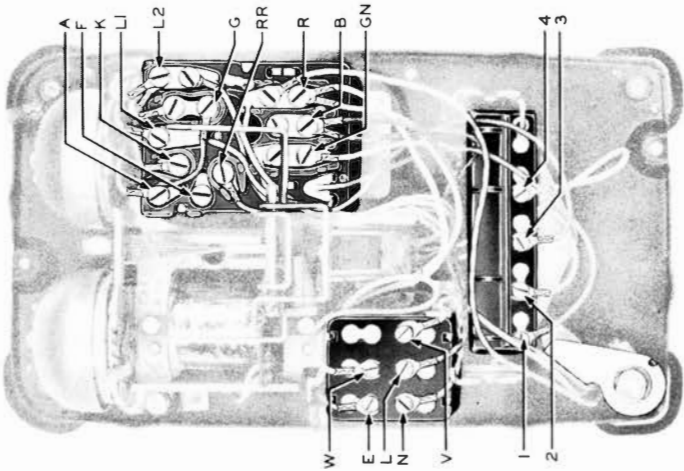


FIG. 2—532A,B (WITH DIAL REMOVED)

FIG. 3—532A,B CIRCUIT DIAGRAM
(INDIVIDUAL RING AND TIP PARTIES)

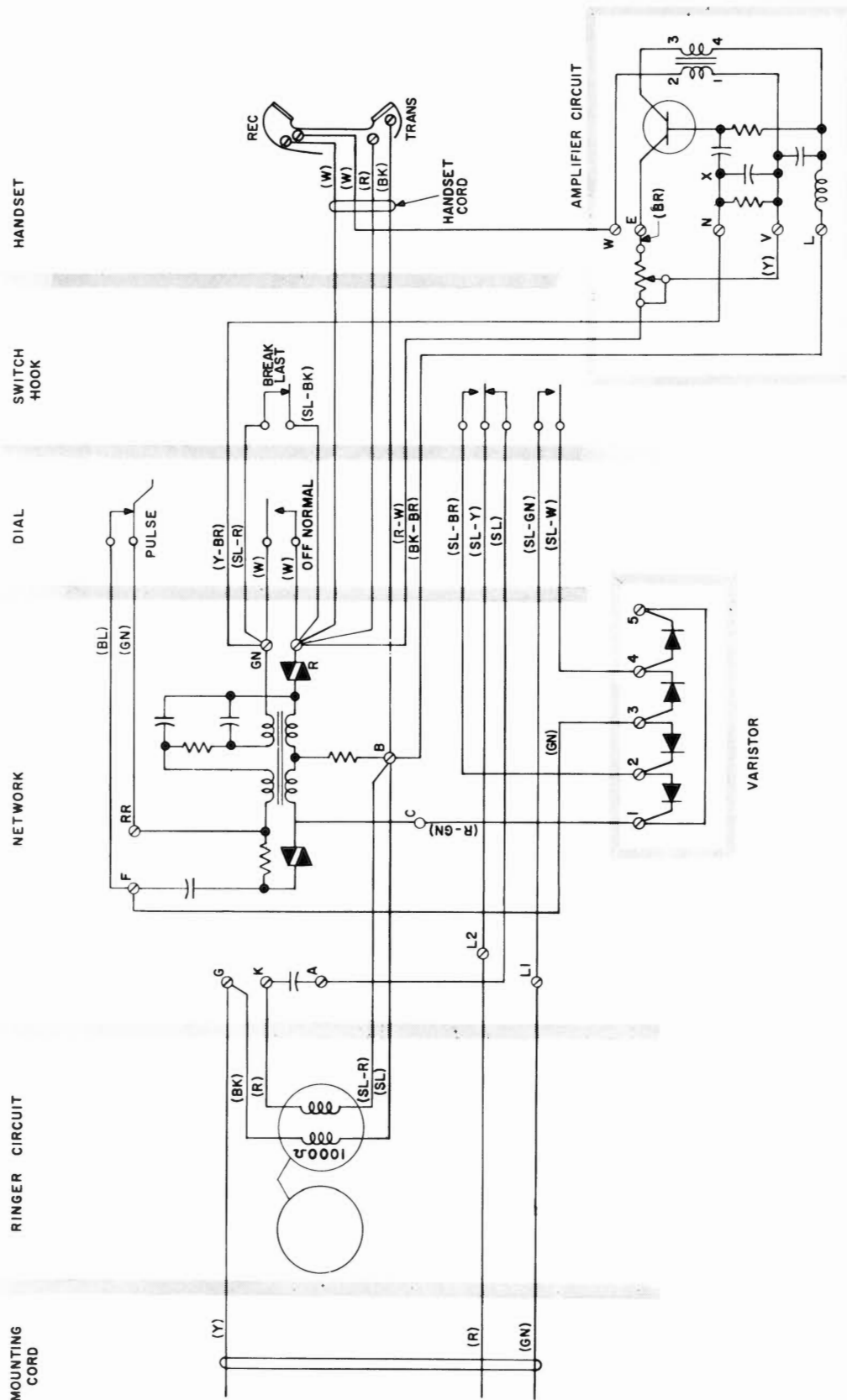
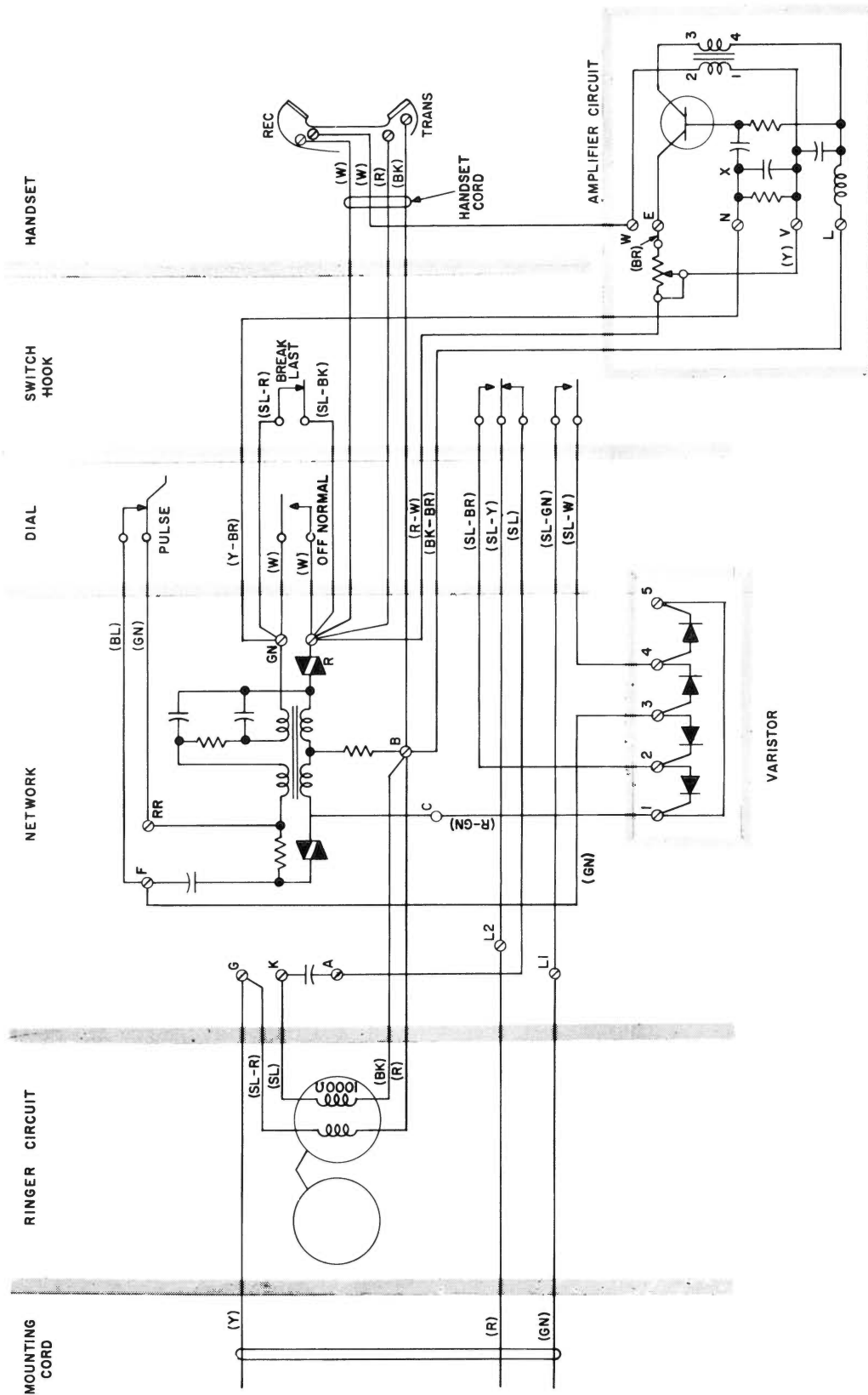


FIG. 4—532B CIRCUIT DIAGRAM
(MESSAGE RATE, ZONE REGISTRATION, X-BAR WITH AMA)



**FIG. 5—532B CIRCUIT DIAGRAM
(SxS WITH AT, SxS WITH AMA, MOD 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.