

TELEPHONE SETS — 554A,B

COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

This section covers the combination of apparatus, circuit diagrams, and connections for the 554A and B telephone sets.



FIG. 1—554 TYPE

TABLE A
COMBINATION OF APPARATUS

Hand Tel. Set Code	Use	Components				
		Dial	Apparatus Blank	Handset	Ringer	Network
554A	Manual	—	95B	G1A	C4A	425B
554B	Dial	7D	—			

TABLE B
LINE AND RINGER CONNECTIONS

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

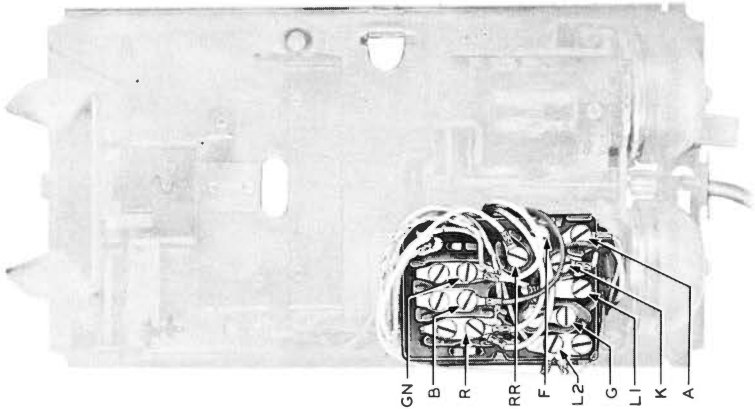


FIG. 2—554A,B

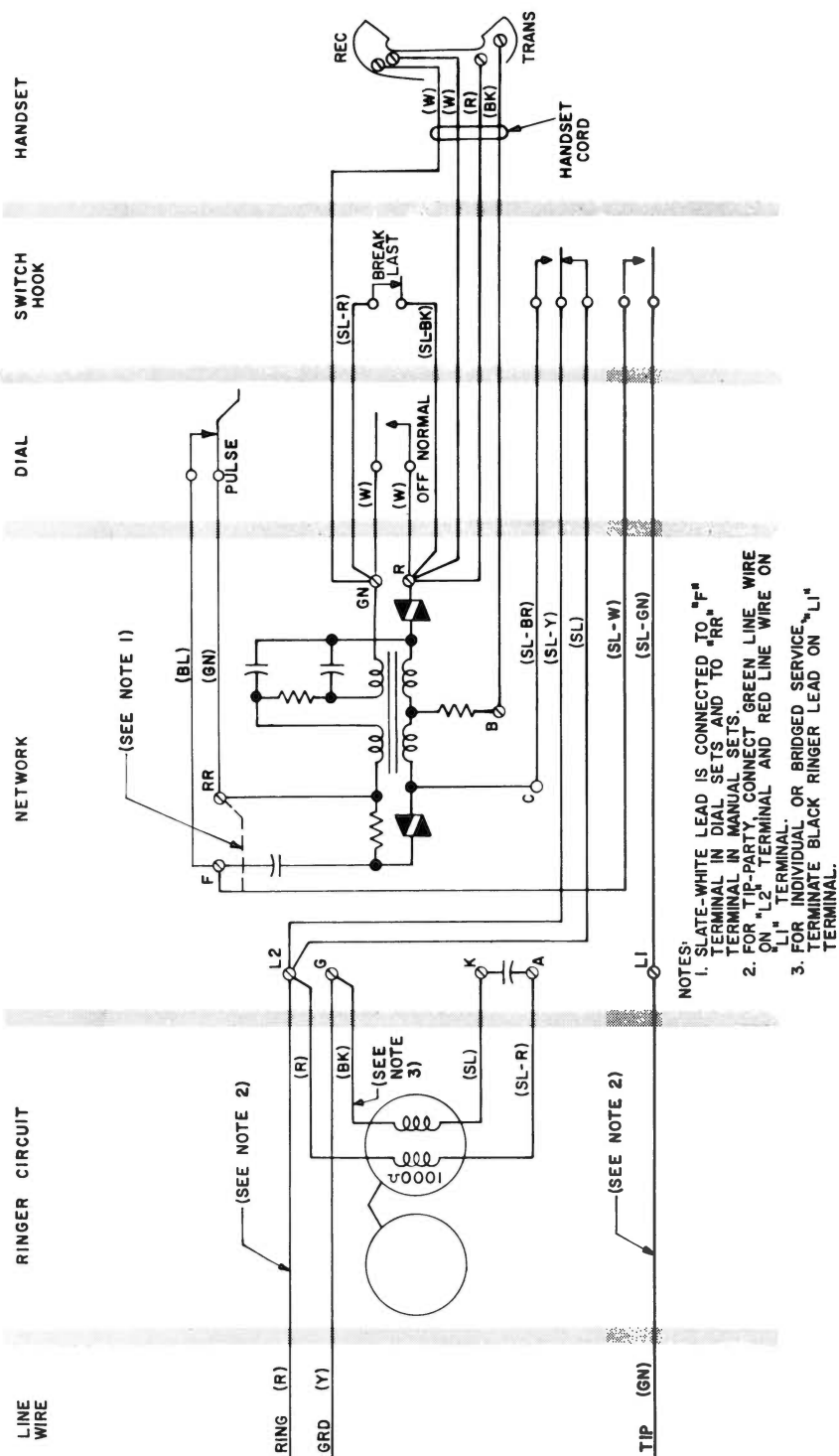


FIG. 3-554A,B CIRCUIT DIAGRAM
(INDIVIDUAL RING AND TIP PARTIES)

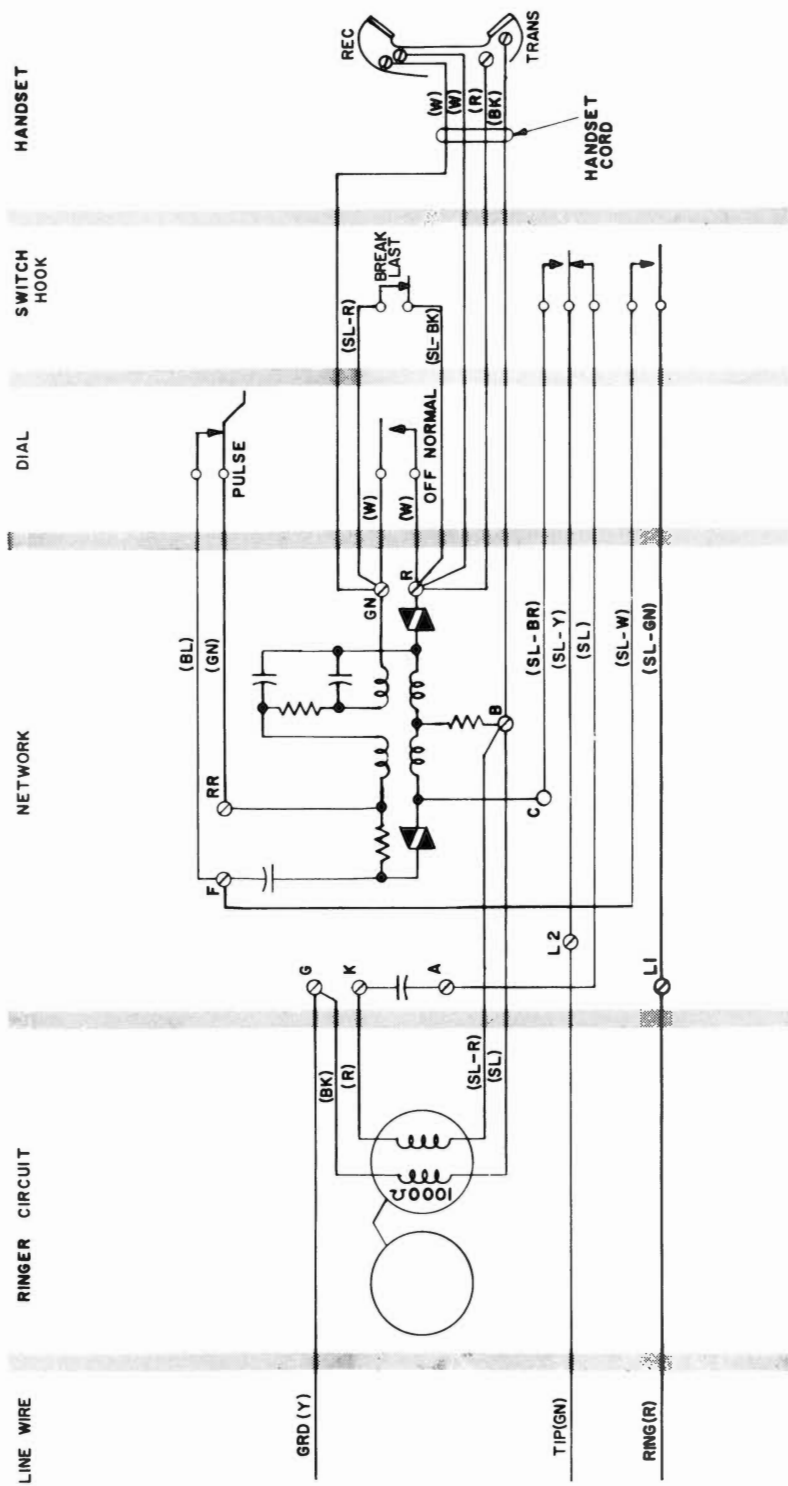


FIG. 4-554A,B CIRCUIT DIAGRAM
(MESSAGE RATE, ZONE REGISTRATION, X-BAR WITH AMA)

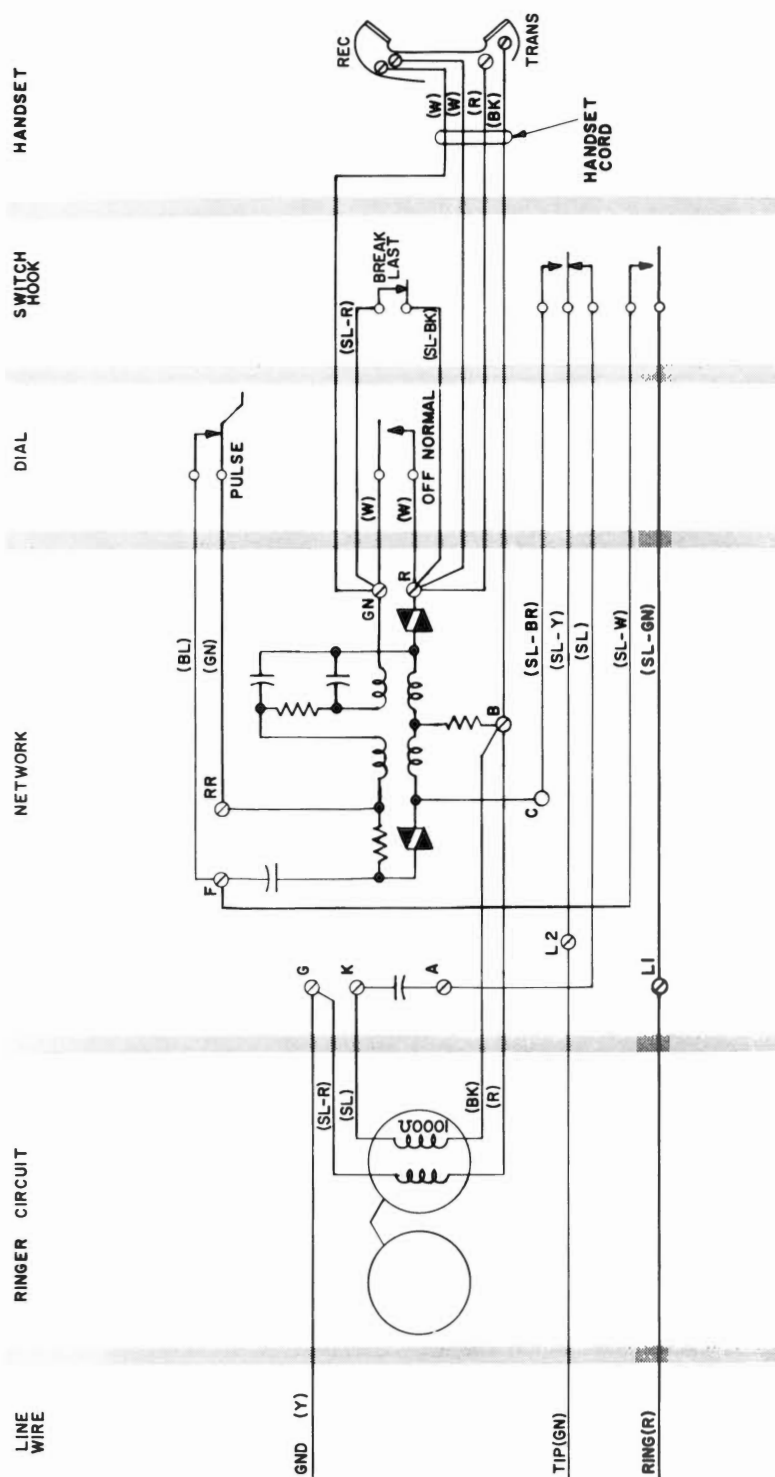


FIG. 5—554B CIRCUIT DIAGRAM
(SxS WITH AT, SxS WITH AMA, MODIFIED X-BAR WITH AMA)

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 Leads			
	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.