

TELEPHONE SETS — 500E,F
COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

- 1.01 This section covers the combination of apparatus, circuit diagram, and connections for the 500E and F telephone sets.
- 1.02 These sets are intended for divided code ringing and nonselective party line services.
- 1.03 A manually operated switch on the left plunger minimizes interference with transmission and dialing.

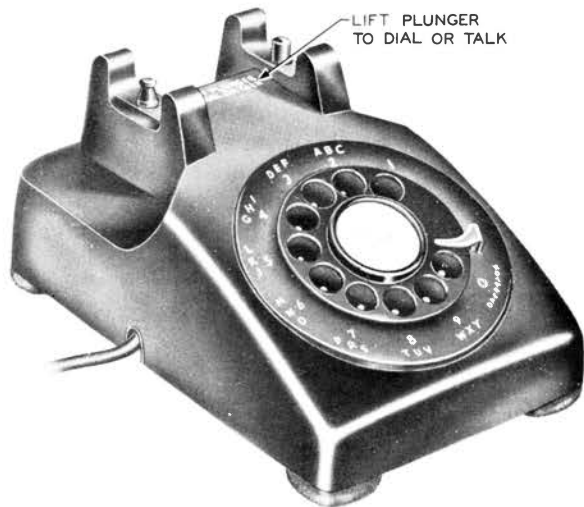


FIG. 1—500 TYPE

TABLE A
COMBINATION OF APPARATUS

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

TABLE B
LINE AND RINGER CONNECTIONS

Wire or Lead		Ring Party		Tip Party
		Positions 1, 3, 5, 7 and 9		
Mounting Cord in Set	R	L2	L2	
	GN	L1	L1	
	Y	G	G	
Ringer Lead	R	L2	L2	
	BK	G	G	
	SL	K	K	
	SL-R	A	A	
Mounting Cord at Connecting Block	R	R	G	
	GN	G	R	
	Y	Y	Y	
Line Wire at Connecting Block	R	R	R	
	GN	G	G	
	Y	Y	Y	

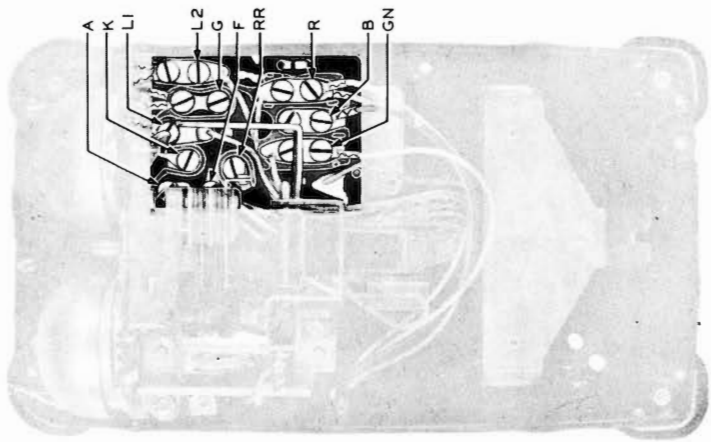


FIG. 2—500E AND F
(WITH DIAL REMOVED)

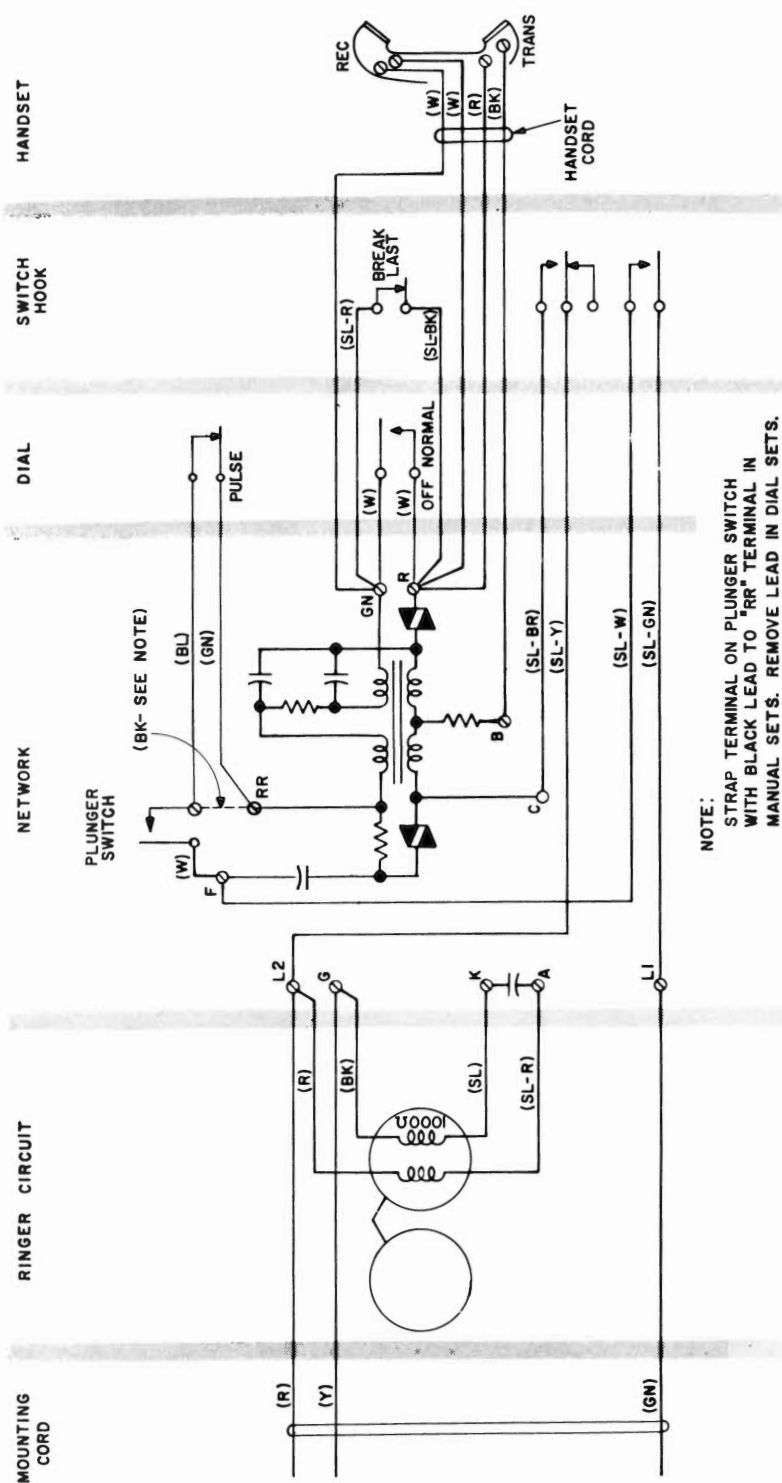


FIG. 3—500E, F CIRCUIT DIAGRAM
(INDIVIDUAL RING AND TIP PARTIES)

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

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.