

TELEPHONE SETS — 309A, C

LOCAL BATTERY — CONNECTIONS

1.00 INTRODUCTION

1.01 This section covers the combination of apparatus, circuit diagram, and connections for the 309A and C telephone sets.

1.02 These sets are used for the following services:

- 4-party full selective.
- 8-party semiselective.



FIG. 1—309 TYPE

TABLE A—COMBINATION OF APPARATUS

Tel. Set Code	Use	Components								
		Handset	Dial	Apparatus Blank	Induction Coil	Ringer	Capacitor	Inductor	Electron Tube	Filter (Optional)
309A	Manual	F1	—	82A or 94A	104A	B3A	195A	266A	405A or 426A	—
309C	Dial		5H or 6A	—						61P

2.00 CONNECTIONS
TABLE B
LINE AND RINGER CONNECTIONS

Wire or Lead		Negative (—) Parties		Positive (+) Parties	
		Ring Positions 1 and 5	Tip Positions 2 and 6	Ring Positions 3 and 7	Tip Positions 4 and 8
Mounting Cord in Tel. Set	R	L2Y	L1	L2Y	L1
	GN	L1	L2Y	L1	L2Y
	Y	GND	GND	GND	GND
	BK	BK	BK	BK	BK
Ringer Lead	BL	BL	BL	BL	BL
	R	GND	GND	L2Y	L2Y
	BK	K	K	K	K
	R	GND	GND	L2Y	L2Y
426A Tube Lead	BK	K	K	K	K
	Y	L2Y	L2Y	GND	GND
	R	1	1	1	1
	GN	2	2	2	2
Mounting Cord at 44-type Connecting Block	Y	4	4	4	4
	BK	5	5	5	5
	BL	6	6	6	6
		5	5	5	5
Local Battery Wiring at 44-type Connecting Block		6	6	6	6
Alternate Ringer and Tube Leads for 405A Tube					
Ringer Lead	R	S	S	S	S
	BK	K	K	K	K
5-Terminal Lead	SL-R	GND	GND	L2Y	L2Y
405A Tube Lead	R	See Note			
	BK	K	K	K	K
	Y	L2Y	L2Y	GND	GND

Note: Red tube lead is connected to undesignated end of resistor.

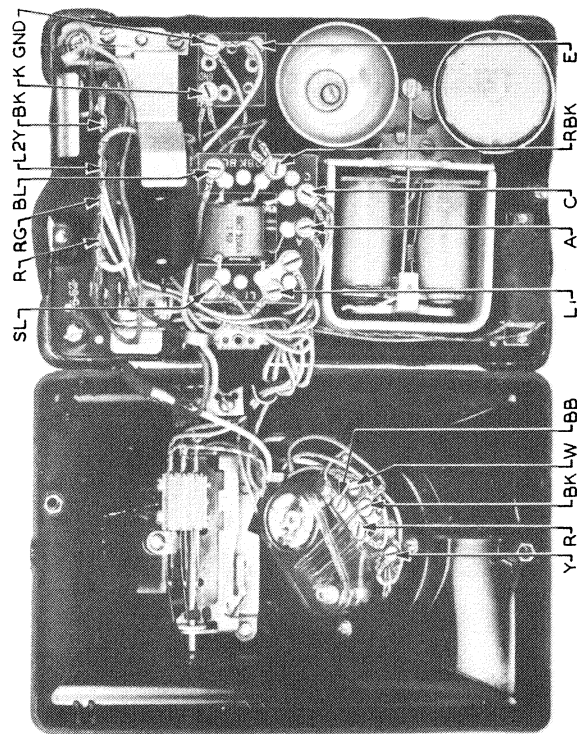


FIG. 2—309C

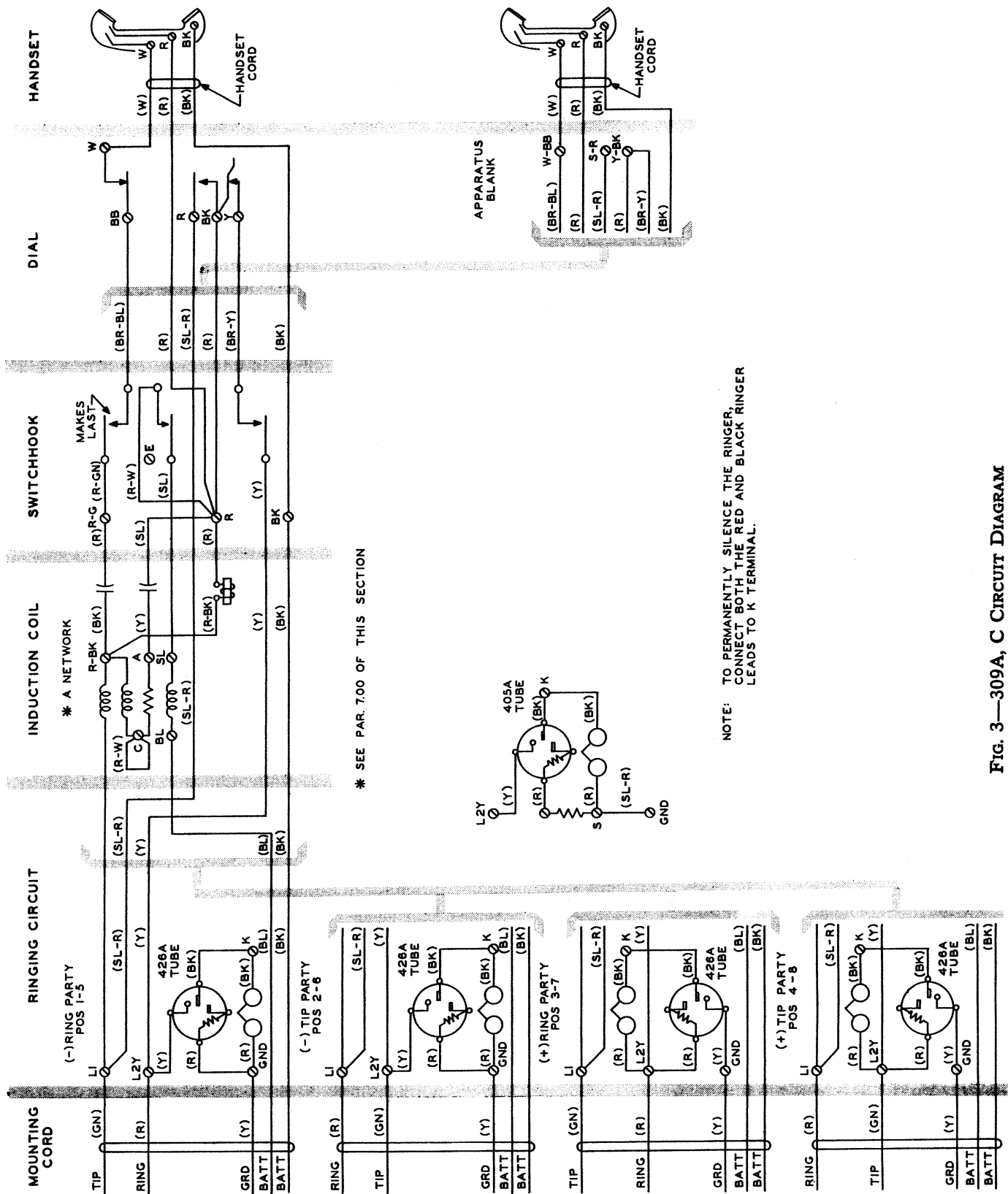


FIG. 3—309A, C CIRCUIT DIAGRAM