

TELEPHONE SETS — 305E,G

COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

1.01 This section covers the combination of apparatus, circuit diagram, and connections for the 305E and G telephone sets.

1.02 These sets are used for the following services:

- Individual lines.
- PBX stations.
- 2-party message rate (manual and ring party dial).
- 2-party flat rate.
- 4-party semiselective.
- Multiparty divided code.
- Multiparty nonselective.



FIG. 1—305 TYPE

TABLE A
COMBINATION OF APPARATUS

Tel. Set Code	Use	Components						
		Handset	Dial	Apparatus Blank	Induction Coil	Ringer	Capacitor	Filter (Optional)
305E	Manual	F1	—	82A or 94A	101A	B1AL	195A	—
305G	Dial		5H or 6A	—				61P

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
Mounting Cord in Set	R	L1	L2Y	L1
	GN	L2Y	L1	L2Y
	Y	GND	GND	GND
Ringer Lead	R	E	K	E
	BK	K	E	K
	BK	L1	GND	GND
Key Lead	BK	E	E	E
	R	R	R	R
	GN	G	G	G
Mounting Cord at Connecting Block	Y	Y	Y	Y

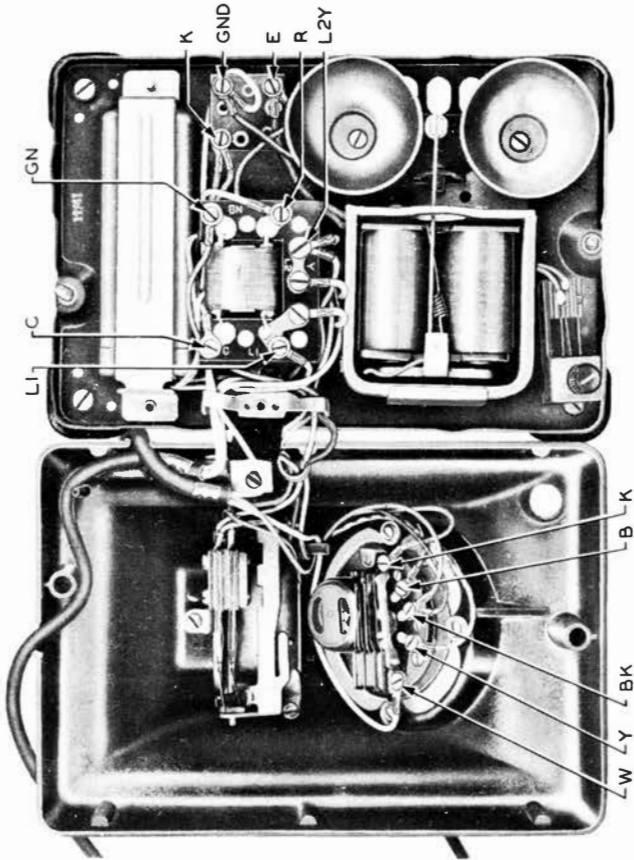


FIG. 2—305G

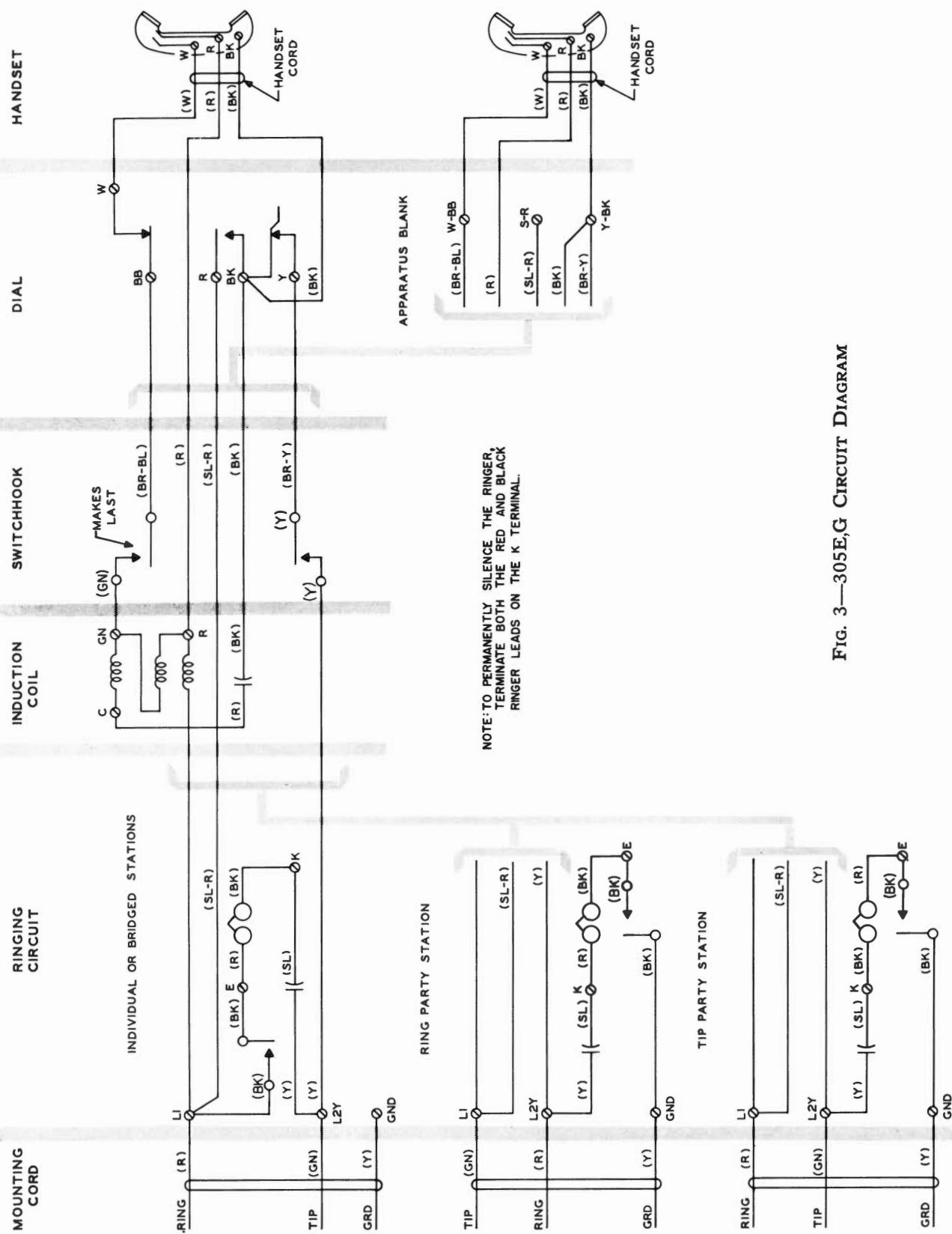


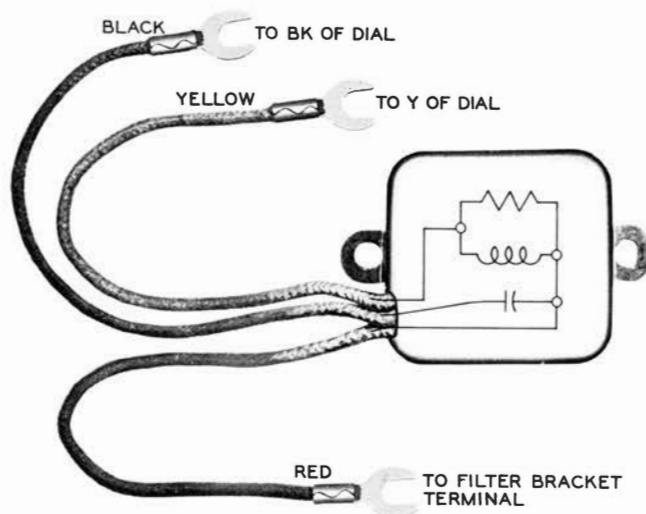
FIG. 3—305E,G Circuit Diagram

3.00 FILTER CONNECTIONS

When a radio-frequency suppression filter is used in the 305G set, make connections as shown in Fig. 4.

4.00 RINGERS

The ringers in these sets are of 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.



Note: Remove brown-yellow lead from Y of the dial and terminate it on the filter bracket terminal.

FIG. 4—61P FILTER (WITHOUT BRACKET)