

TELEPHONE SETS — 354A,C

COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

1.01 This section covers the combination of apparatus, circuit diagrams, and connections for the 354A and C telephone sets.

1.02 These sets are used for the following services:

- Individual lines.
- 2-party flat rate.
- 2-party message rate.
- 2-party automatic ticketing.
- PBX stations.
- 2-party automatic message accounting and zone registration.
- 4-party semiselective.
- Multiparty divided code.
- Multiparty nonselective.



FIG. 1—354C TELEPHONE SET

TABLE A
 COMBINATION OF APPARATUS

Tel. Set Code	Use	Components						
		Handset	Dial	Apparatus Blank	Induction Coil	Ringer	Capacitor	Filter (Optional)
354A	Manual	F1	—	94A	101B	B1AL	195A	—
354C	Dial		5H or 6A	—		B2AL		61E*

* Either a 61E or 61G filter may be used with a 5-type dial in the 354-type set.

2.00 CONNECTIONS

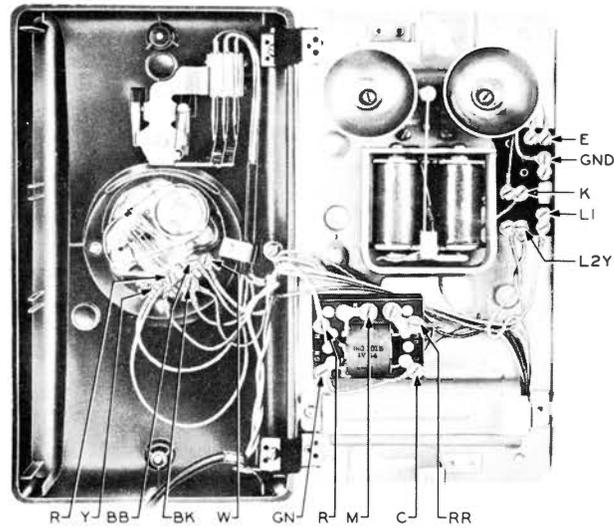
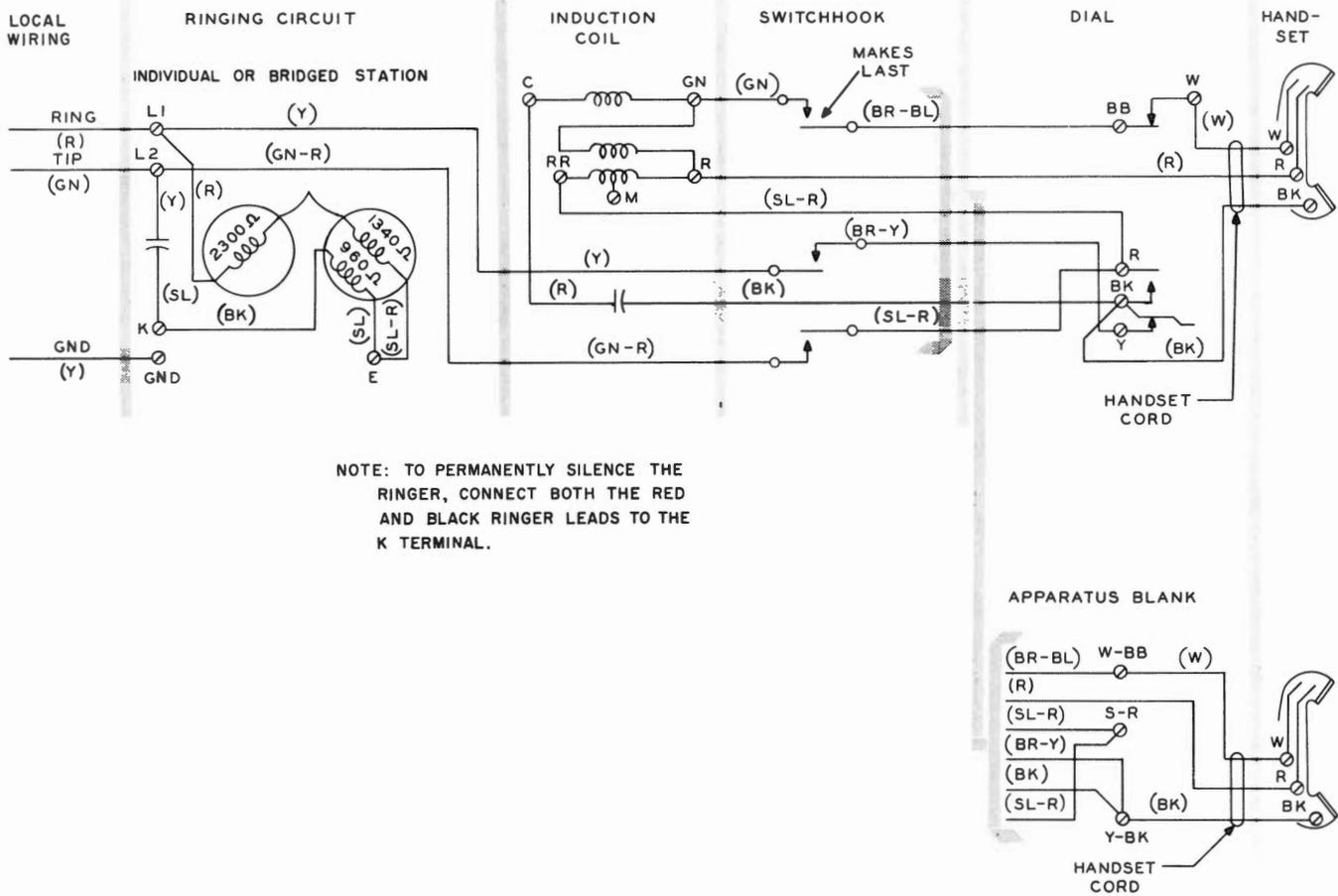


FIG. 2—354C TELEPHONE SET

TABLE B
LINE AND RINGER CONNECTIONS

Wire or Lead		Individual or Bridged	Ring Party	Tip Party	Tip Party—Position 2	
			Positions 1, 3, 5, 7, 9	Positions 2, 4, 6, 8, 10	Message Rate	SxS with AT
					Zone Registration	SxS with AMA
					X-bar with AMA	Mod X-bar with AMA
Inside Wire in Set	R	L1	L2	L1	L1	L1
	GN	L2	L1	L2	L2	L2
	Y	GND	GND	GND	GND	GND
Ringer Lead	R	L1	K	GND	K	M
	BK	K	GND	K	GND	RR
	SL	E	E	E	M	K
	SL-R	E	E	E	RR	GND



NOTE: TO PERMANENTLY SILENCE THE RINGER, CONNECT BOTH THE RED AND BLACK RINGER LEADS TO THE K TERMINAL.

FIG. 3—354A,C CIRCUIT DIAGRAM (INDIVIDUAL OR BRIDGED STATION)

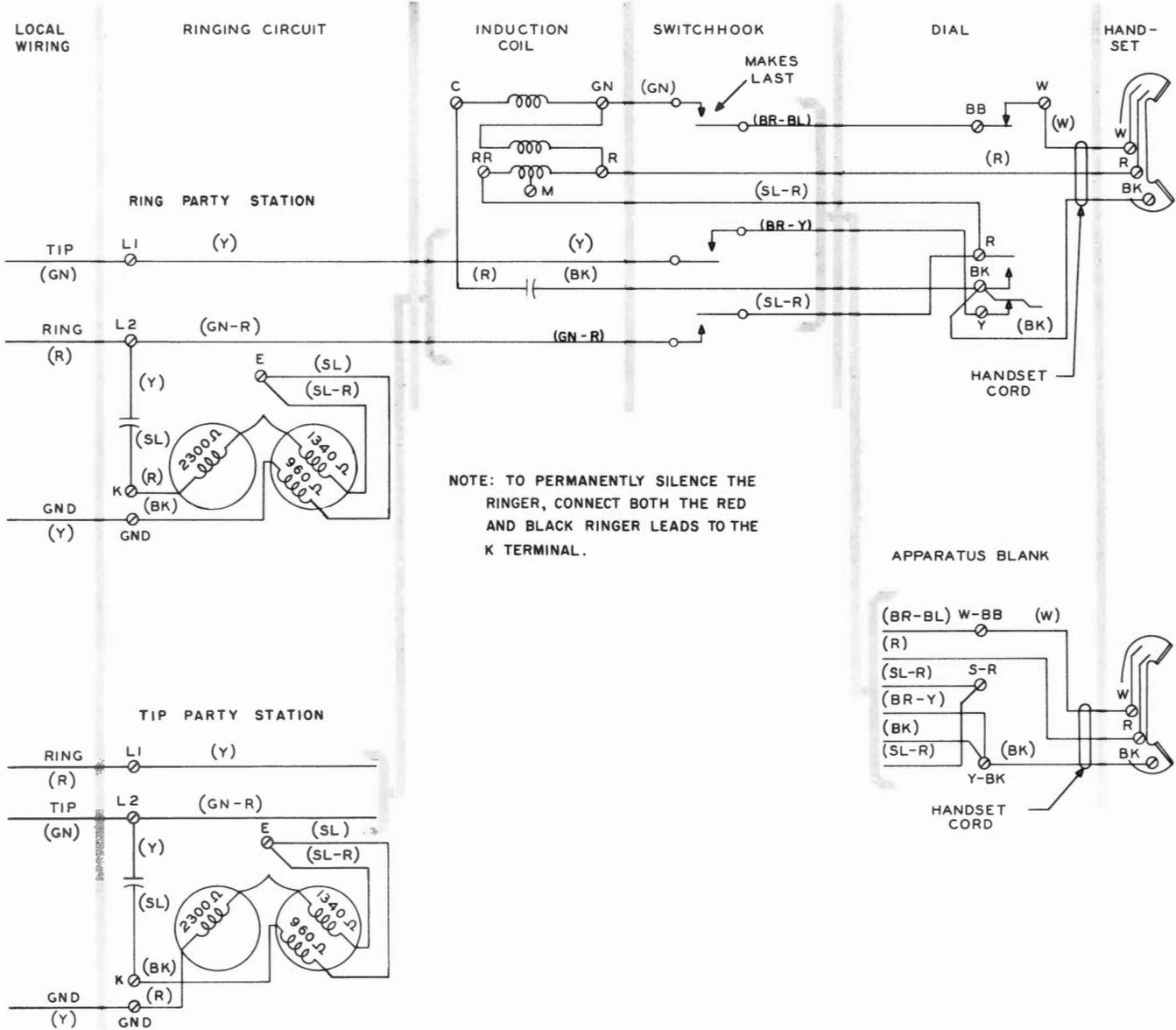


FIG. 4—354A,C CIRCUIT DIAGRAM
(RING AND TIP PARTY—FLAT RATE)

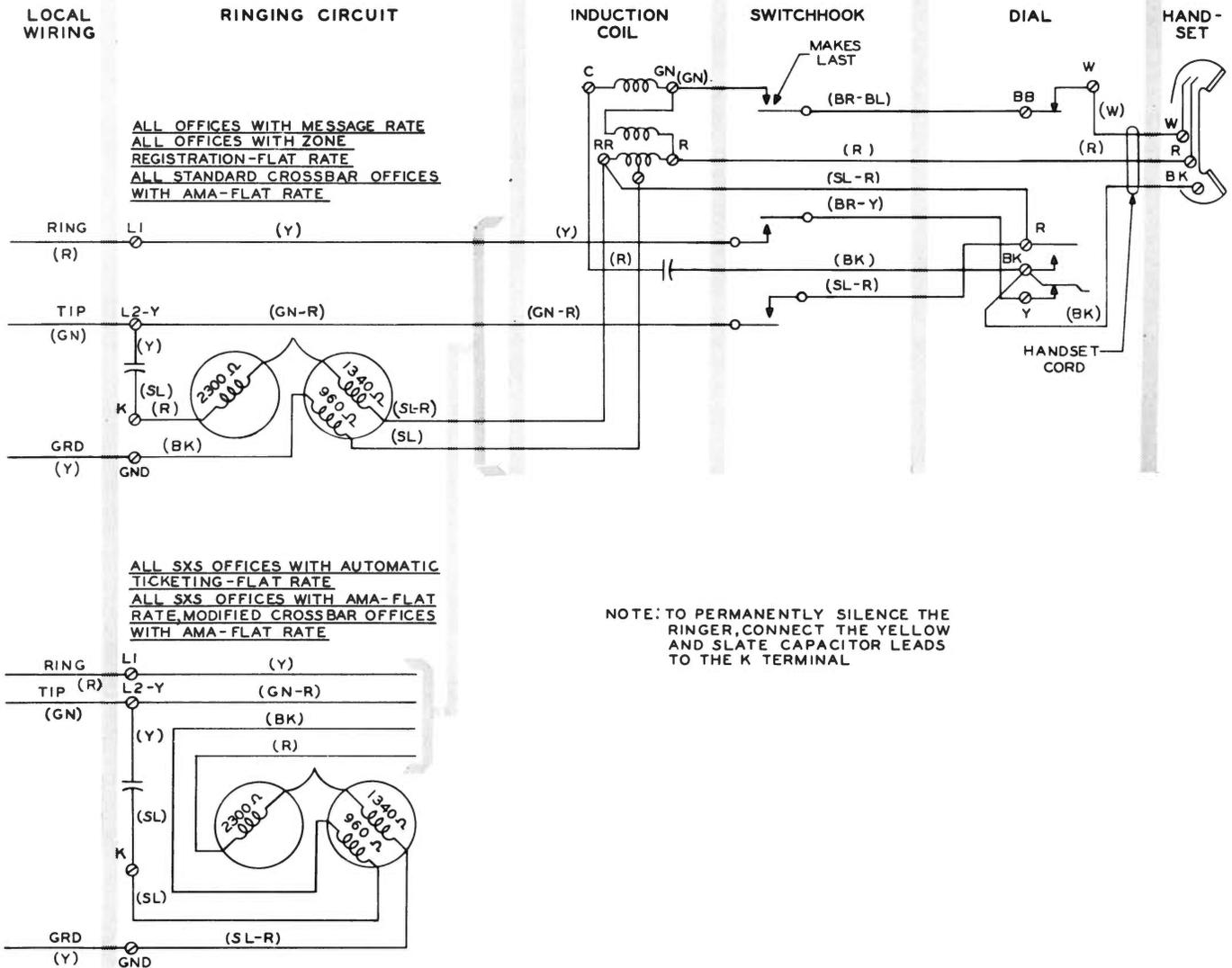


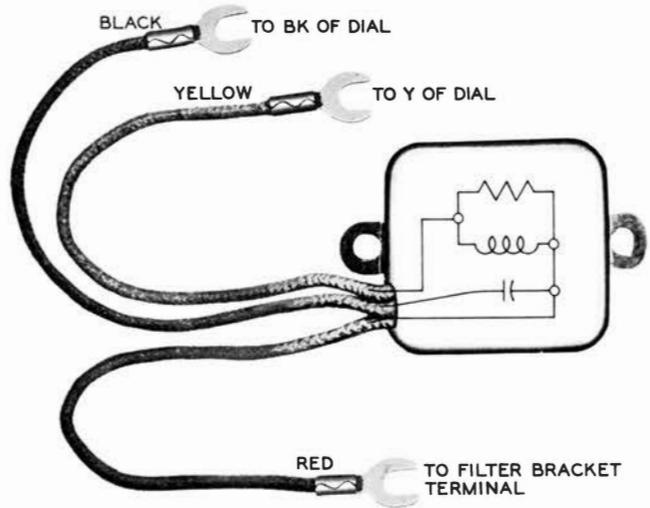
FIG. 5—354C CIRCUIT DIAGRAM
 (MESSAGE RATE OR TIP PARTY IDENTIFICATION FEATURE)

3.00 FILTER CONNECTIONS

When a radio-frequency suppression filter is used in the 354C set, make connections as shown in Fig. 6.

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. 6—61E OR G FILTER (WITHOUT BRACKET)