

TELEPHONE SETS — 334C (AMPLIFIER SET)

COMMON BATTERY — CONNECTIONS

1.00 INTRODUCTION

1.01 This section covers the combination of apparatus, circuit diagrams, and connections for the 334C telephone set.

1.02 This set is used for the following services:

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



FIG. 1—334 TYPE

TABLE A
COMBINATION OF APPARATUS

Tel. Set Code	Use	Components						
		Handset	Dial	Induction Coil	Ringer	Capacitor	Amplifier	Filter (Optional)
334C	Dial	F1	5H or 6A	101B	B2AL	195A and 129F	111B	61N*

* When a 61N filter is used with this set, a D-161488 connector is required to provide a terminal to complete the connections.

2.00 CONNECTIONS

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	Positions 1,3,5,7,9	Positions 2,4,6,8,10	Message Rate or Identification Reqd	
						*	†
Mounting Cord in Set	R	L1	RR	L1	RR	L1	L1
	GN	L2Y	RR	L1	L1	L2Y	L2Y
	Y	GND	GND	GND	GND	GND	GND
	BK	BK	BK	BK	BK	BK	BK
	BL	4	4	4	4	4	4
Ringer Lead	R	L1	K	GND	GND	K	M
	BK	K	GND	K	K	GND	RR
	SL	GND	L2Y	L2Y	L2Y	M	K
	SL-R	GND	L2Y	L2Y	L2Y	RR	GND
Ringing Capacitor Lead	Y	L2Y	L1	L1	L1	L2Y	L2Y
	SL	K	K	K	K	K	K
Switchhook Lead	GN-R	L2Y	RR	RR	RR	L2Y	L2Y
Mounting Cord at 44-type Connecting Block	R	1	1	1	1	1	1
	GN	2	2	2	2	2	2
	Y	†	4	4	4	4	4
	BK	5	5	5	5	5	5
	BL	6	6	6	6	6	6
Local Battery Wiring at 44-type Connecting Block	5	5	5	5	5	5	5
	6	6	6	6	6	6	6

*—Message rate—Zone Registration—X-bar with AMA
†—SxS with AT—SxS with AMA—Modified X-bar with AMA
‡—Terminate yellow wire on any vacant terminal of 44-type block.

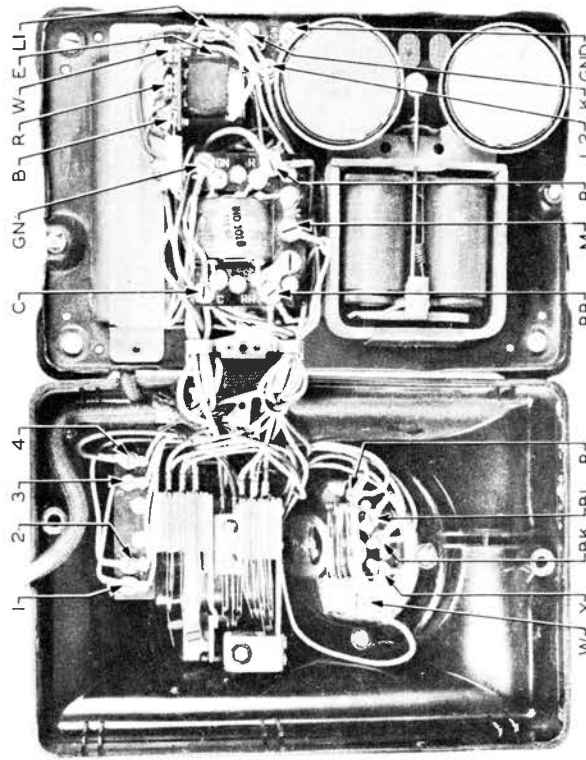


FIG. 2—334C

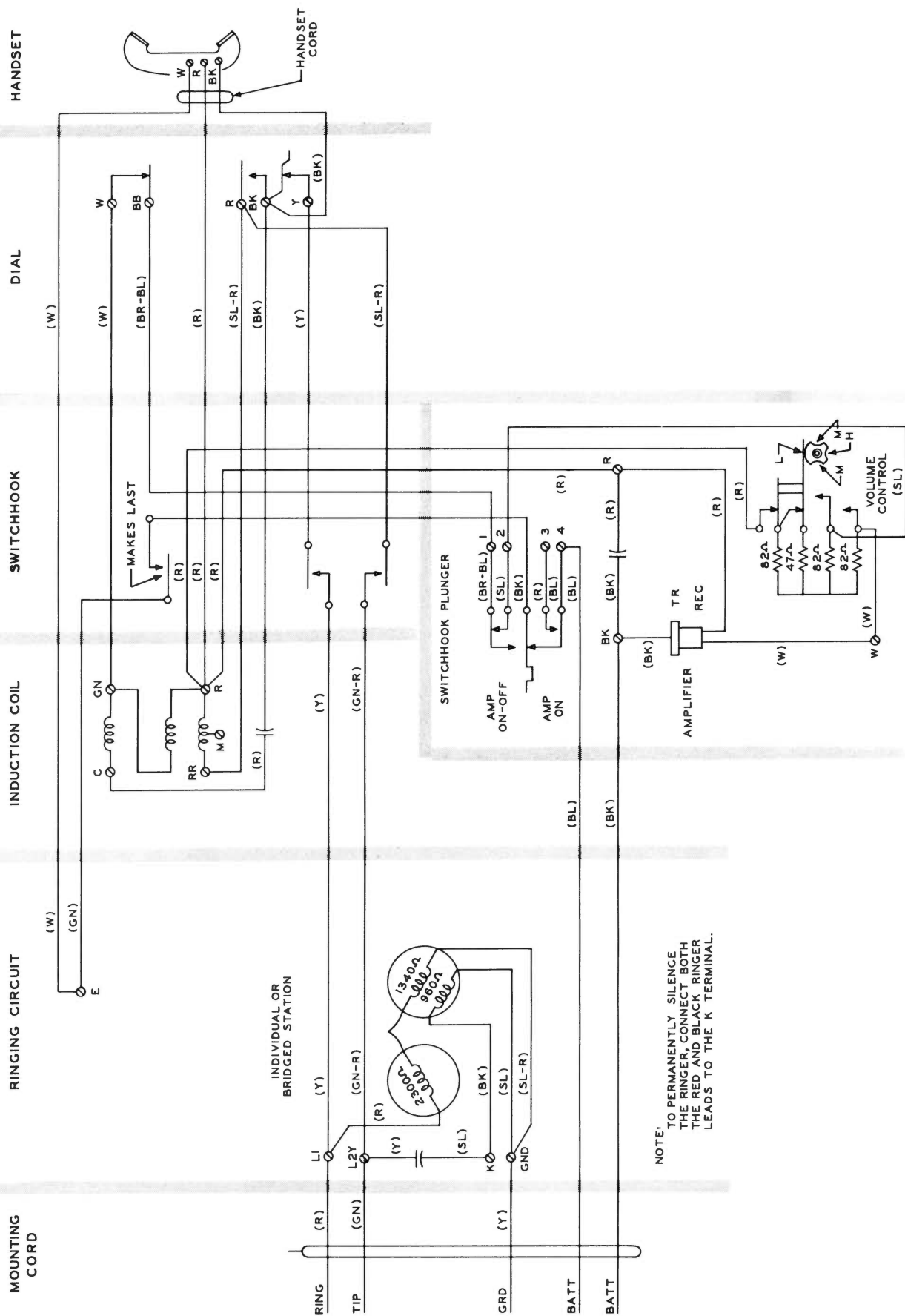


FIG. 3—334C CIRCUIT DIAGRAM
(INDIVIDUAL OR BRIDGED STATION)

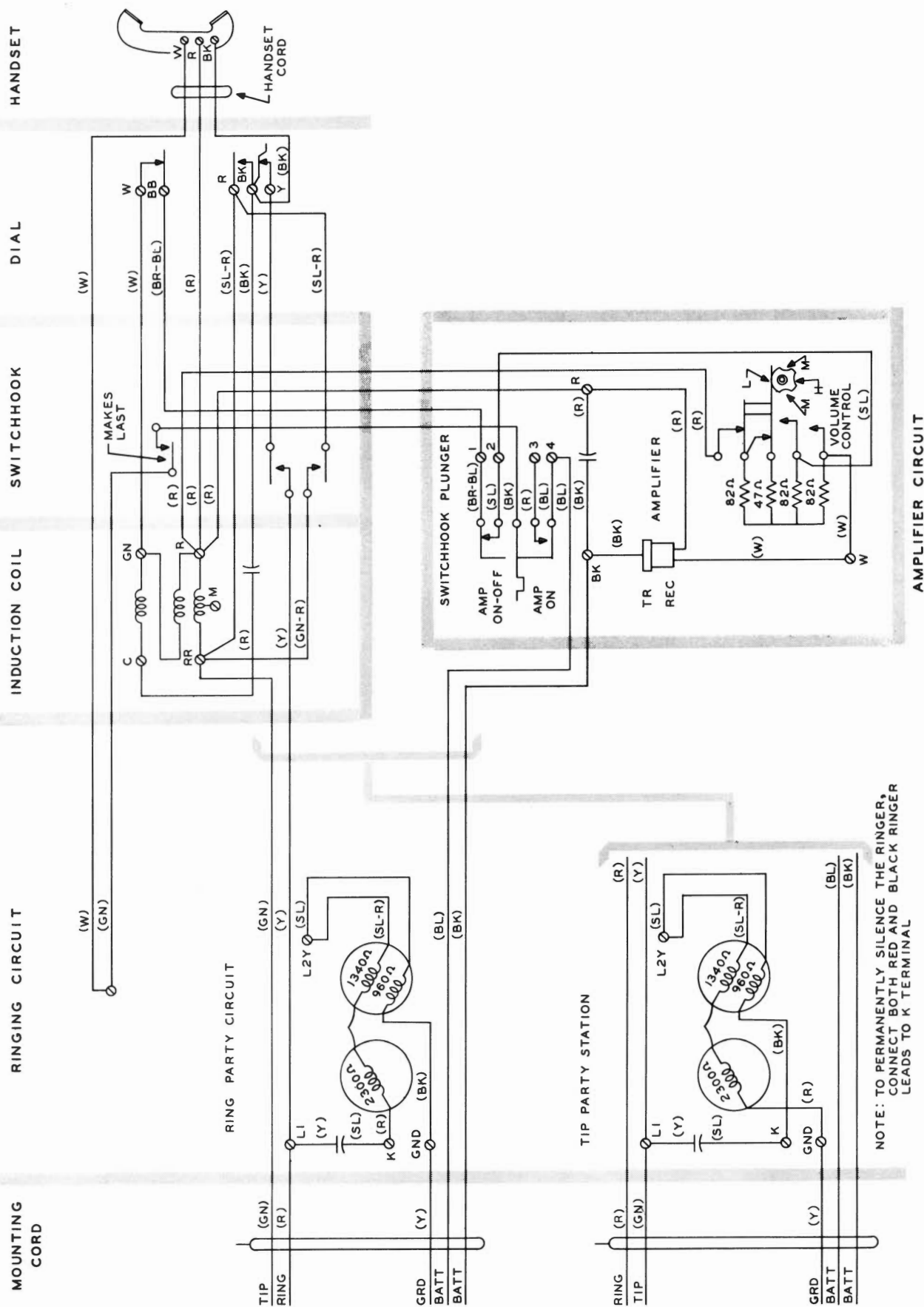
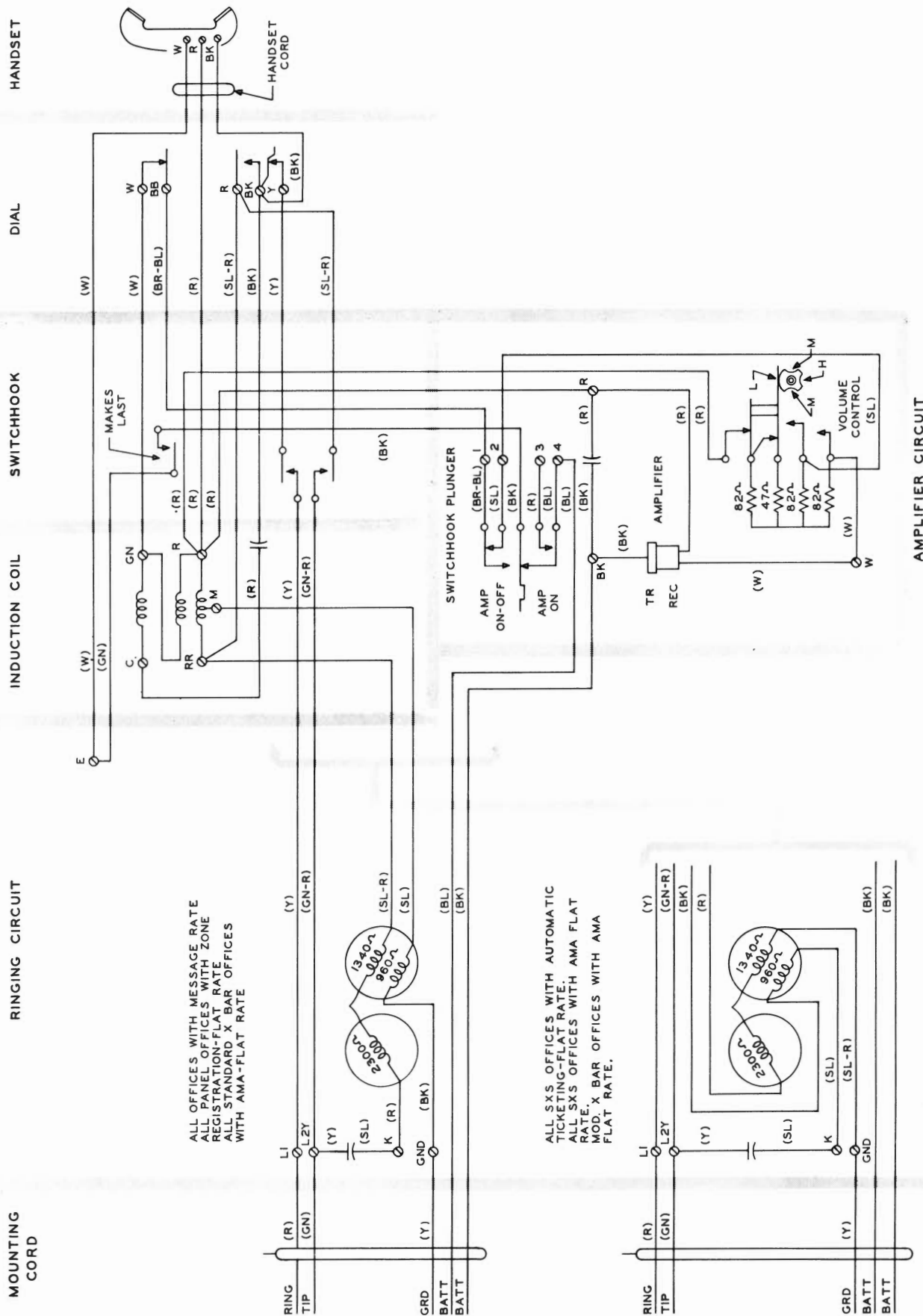


FIG 4—334C CIRCUIT DIAGRAM
(RING PARTY, ALL SERVICES—TIP PARTY WHEN NO MESSAGE RATE OR TIP PARTY IDENTIFICATION IS REQUIRED)

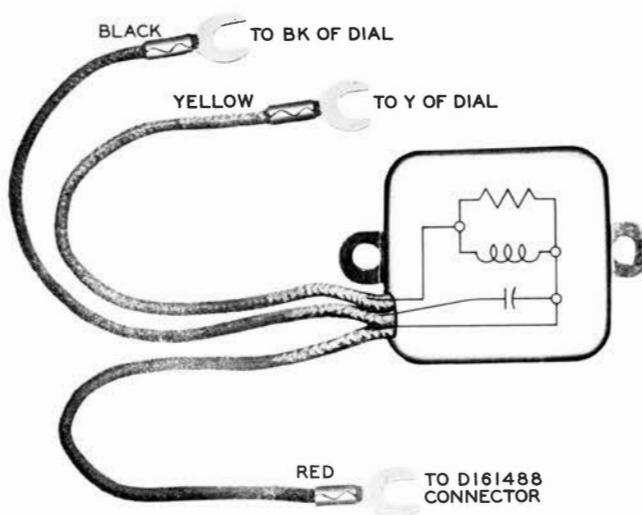


3.00 FILTER CONNECTIONS

When a radio-frequency suppression filter is used in the 334C telephone set, make connections as shown in Fig. 6.

4.00 RINGERS

The ringing bridge in this set is 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 D-161488 connector.

FIG. 6—61N FILTER (WITHOUT BRACKET)