

COMMON BATTERY — CONNECTIONS

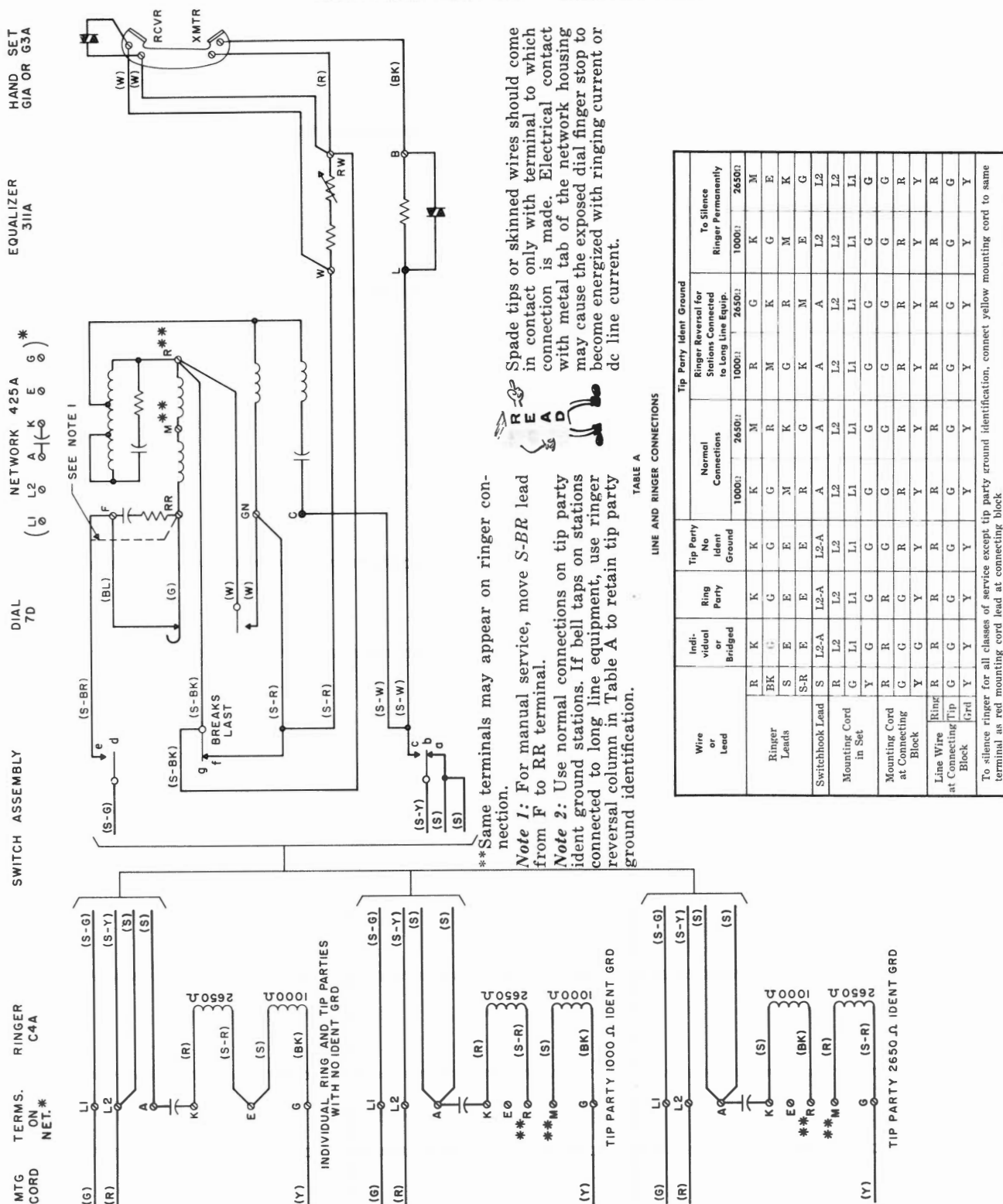


Fig. 1 — 500A, B Telephone Set



Note 1: For manual service, move *S-ER* lead from *F* to *RR* terminal.

Note 2: To silence ringer permanently: Connect yellow mounting cord lead to same terminal as red mounting cord lead at connecting block.

Note 3: For additional information concerning induced inductive interference, refer to section entitled Inductive Noise.

Note 4: For negative stations in offices without ANI, *R* lead from 426A tube may be connected to *G* if ringer operation is marginal.

TABLE B
LINE, RINGER, AND TUBE CONNECTIONS

Wire or Lead		Negative (—) Polarity			Positive (+) Polarity		
		1-5	2-6	3-7	4-8		
Ringer Leads See Note 2	R	Ring	Tip	Ring	Tip		
	BK	E	E	A	A		
	S	K	K	E	E		
	S-R	A	A	E	E		
	S	A	A	A	A		
Switchhook lead	R	L1 or G	L1	A	A		
	BK	G	G	E	E		
	Y	E	E	G	G		
	R	L2	L2	L2	L2		
	G	L1	L1	L1	L1		
Mounting cord in set	Y	G	G	G	G		
	R	R	G	R	R		
	G	G	R	G	R		
	Y	Y	Y	Y	Y		
	R	Y	Y	Y	Y		
Mounting cord at connecting block	Ring	Ring	Y	R	R		
	Tip	Tip	Y	Y	Y		
	G	G	R	R	R		
	G	G	G	G	G		
	Grd	Y	Y	Y	Y		
Line wire at connecting block	4-Element Electron Tube Connections to Reduce Inductive Noise						
	L1						
	L1						
	A						
	L1						
425A tube (4-element) See Note 3	G	A	A	L1	L1		
	BK	G	G	E	E		
	Y	F	F	F	F		
	G						
	G						

Fig. 2—501A, B Telephone Set