

TELEPHONE SETS—500A, B AND 501A, B
COMMON BATTERY — CONNECTIONS

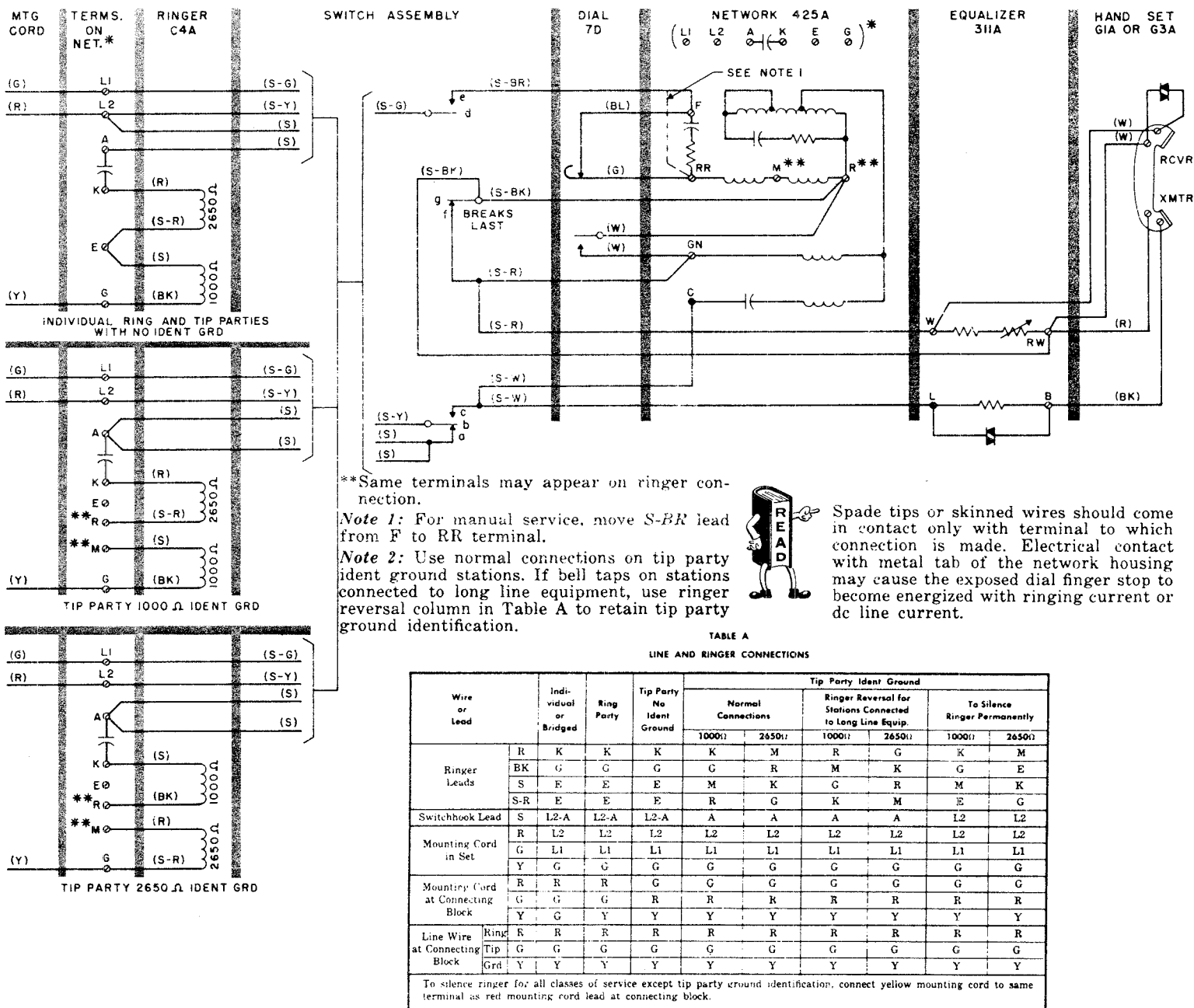


Fig. 1 — 500A, B Telephone Set

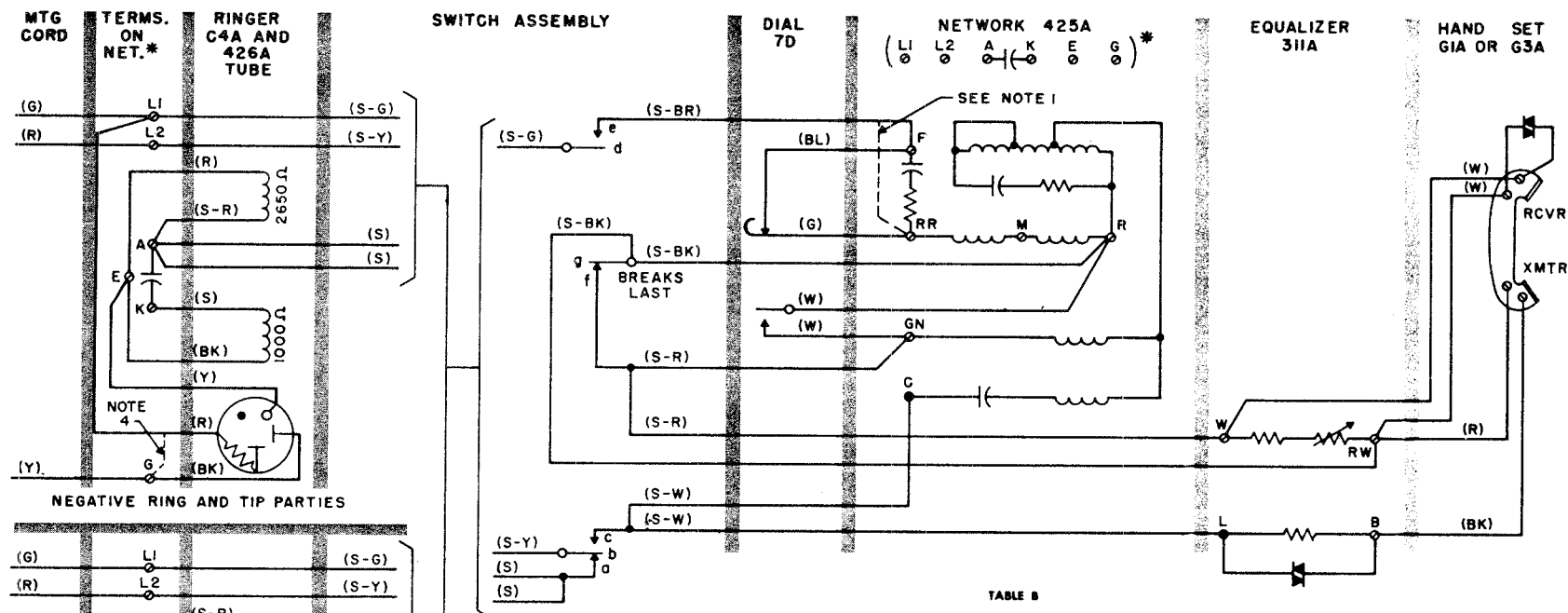


TABLE B
LINE, RINGER, AND TUBE CONNECTIONS

Wire or Lead		Negative (-) Parties		Positive (+) Parties	
		1-5	2-6	3-7	4-8
		Ring	Tip	Ring	Tip
Ringer Leads See Note 2	R	E	E	A	A
	BK	E	E	K	K
	S	K	K	E	E
	S-R	A	A	E	E
Switchhook lead	S	A	A	A	A
426A Tube (3-Element) See Notes 3 and 4	R	L1 or G	L1	A	A
	BK	G	G	E	E
	Y	E	E	G	G
Mounting cord in set	R	L2	L2	L2	L2
	G	L1	L1	L1	L1
	Y	G	G	G	G
Mounting cord at connecting block	R	R	G	R	G
	G	G	R	G	R
	Y	Y	Y	Y	Y
Line wire at connecting block	Ring	R	R	R	R
	Tip	G	G	G	G
	Grd	Y	Y	Y	Y
4-Element Electron Tube Connections to Reduce Inductive Noise					
425A tube (4-element) See Note 3	R	L1	L1	A	A
	G	A	A	L1	L1
	BK	G	G	E	E
	Y	E	E	G	G

Note 1: For manual service, move *S-BR* 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 same connecting block.

Note 3: For additional information concerning 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.

Fig. 2 — 501A, B Telephone Set