

TELEPHONE SETS—500P AND 501P

(ILLUMINATED DIAL) — COMMON BATTERY — CONNECTIONS

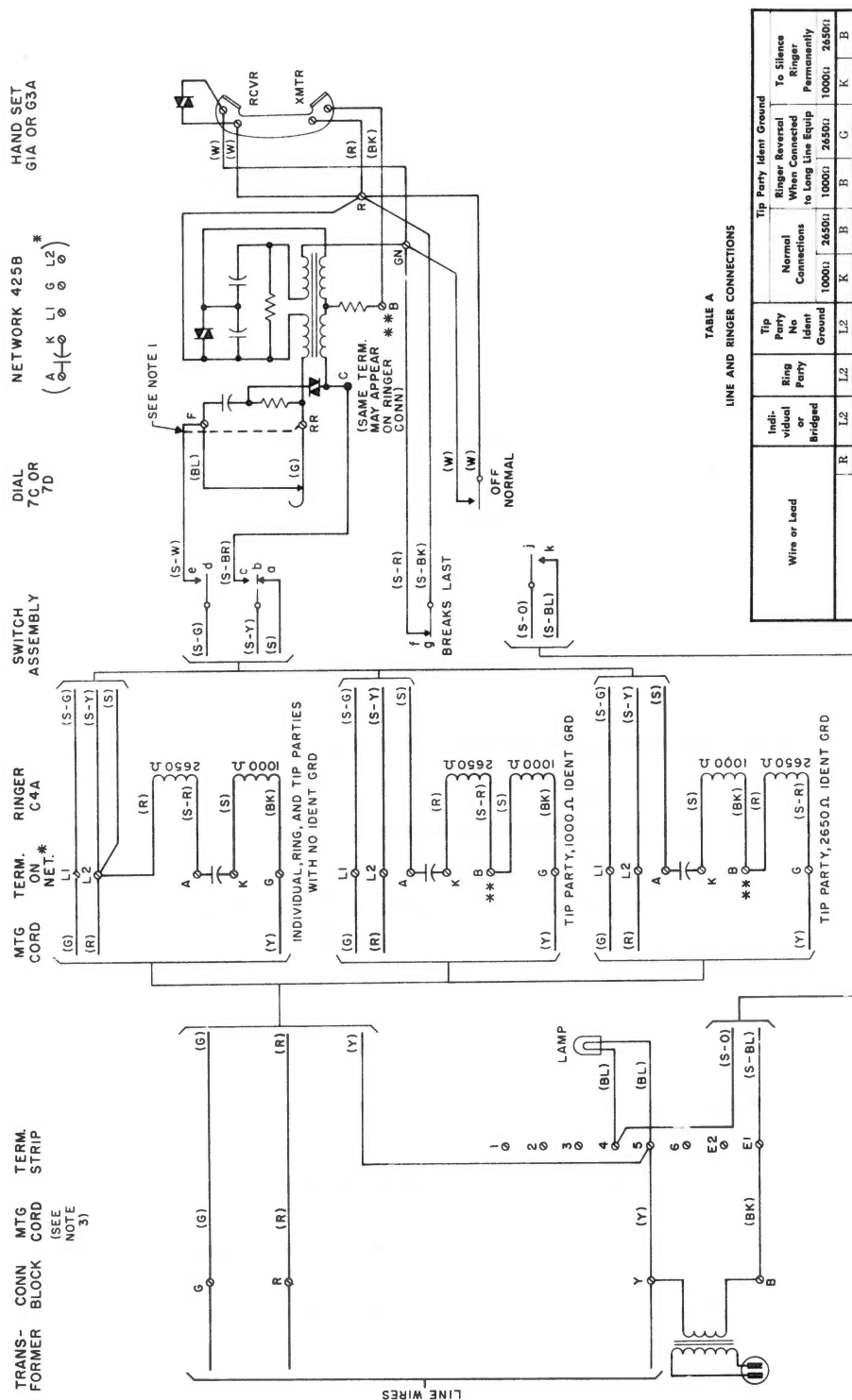


TABLE A
LINE AND RINGER CONNECTIONS

Wire or Lead	Individual or Bridged	Ring Party	Tip Party No Ident Ground	Normal Connections		Tip Party Ident Ground	Ringer Reversal When Connected to Long Line Equip	To Silence Ringer Permanently
				1000Ω	2650Ω			
Ringer Leads	R	L2	L2	K	B	B	B	B
	BK	L1	G	G	G	B	K	K
Switchhook Lead	S	K	K	K	B	B	B	B
	S-R	A	A	B	G	K	B	K
Mounting Cord in Set	S	L2	L2	A	A	A	A	L2
	R	L2	L2	L2	L2	L2	L2	L2
Mounting Cord at O	G	L1	L1	L1	L1	L1	L1	L1
	R	L1	L1	L1	L1	L1	L1	L1
Connecting Block	Y	5	5	5	5	5	5	5
	BK	E1	E1	E1	E1	E1	E1	E1
Line Wire at Connecting Block	R	R	R	R	R	R	R	R
	G	G	G	G	G	G	G	G
Transformer Lead at Connecting Block	Y	Y	Y	Y	Y	Y	Y	Y
	B	B	B	B	B	B	B	B

To silence ringer for all classes of service except tip party ground identification, connect BK ringer lead to K terminal on network.

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

Note 2: Use normal connections on tip party identification ground stations. If bell taps on stations connected to long line equipment, use ringer reversal column in Table A to retain tip party ground identification.

Note 3: Do not use 25-foot mounting cord because the added resistance may be too high for adequate illumination of lamp.

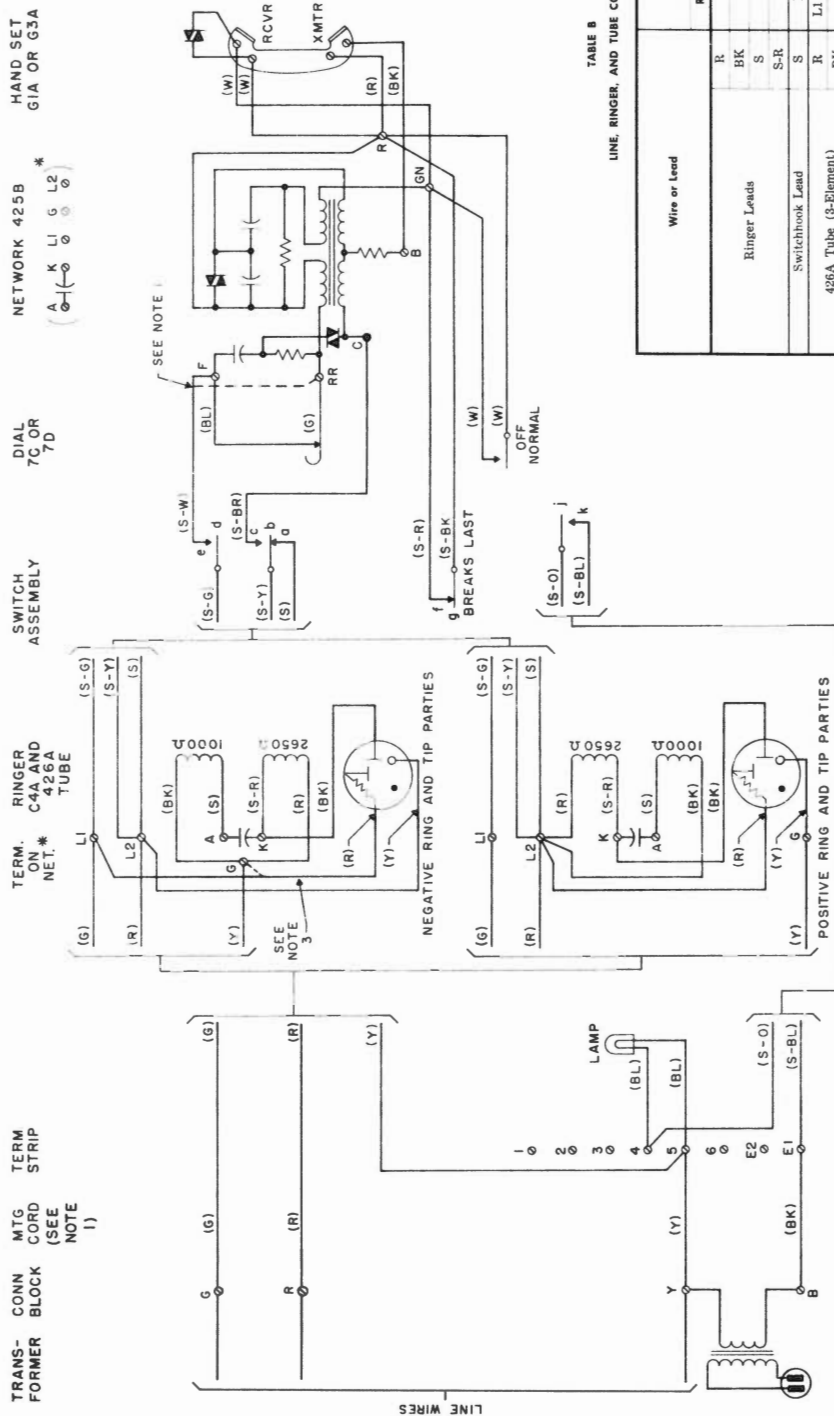


TABLE B
LINE, RINGER, AND TUBE CONNECTIONS

Wire or Lead	Negative (-) Parties			Positive (+) Parties		
	1-5	2-6	3-7	4-8	5-6	7-8
Ringer Leads	R	G	L2	L2	L2	L2
Switchhook Lead	BK	G	L2	L2	L2	L2
426A Tube (3-Element) (See Note 2)	S	L2	L2	L2	L2	L2
Mounting Cord in Set	R	L1 or G	L1 or G	L1 or G	L1 or G	L1 or G
Mounting Cord in Connecting Block	BK	K	K	K	K	K
Line Wire at Connecting Block	Y	L2	L2	L2	L2	L2
Transformer Leads at Connecting Block	G	L1	L1	L1	L1	L1
4-Element Electron Tube Connections to Reduce Inductive Noise	Y	5	5	5	5	5
425A Tube (4-Element) (See Note 2)	BK	E1	E1	E1	E1	E1
Ring	R	R	R	R	R	R
Tip	G	G	G	G	G	G
Grd	Y	Y	Y	Y	Y	Y
4-Element Electron Tube Connections to Reduce Inductive Noise	B	B	B	B	B	B
425A Tube (4-Element) (See Note 2)	R	L1	L1	L1	L1	L1
425A Tube (4-Element) (See Note 2)	G	L2	L2	L2	L2	L2
425A Tube (4-Element) (See Note 2)	BK	K	K	K	K	K
425A Tube (4-Element) (See Note 2)	Y	L2	L2	L2	L2	L2

To silence ringer permanently, connect yellow strap to terminal 6 instead of terminal 5 on terminal strip.

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

Note 2: For additional information concerning inductive interference, refer to section entitled Inductive Noise.

Note 3: For negative stations in offices without ANI, R lead from 426A tube may be connected to G if ringer operation is marginal.

Note 4: Do not use 25-foot mounting cord because the added resistance may be too high for adequate illumination of lamp.

Fig. 2 — 501P Telephone Set