

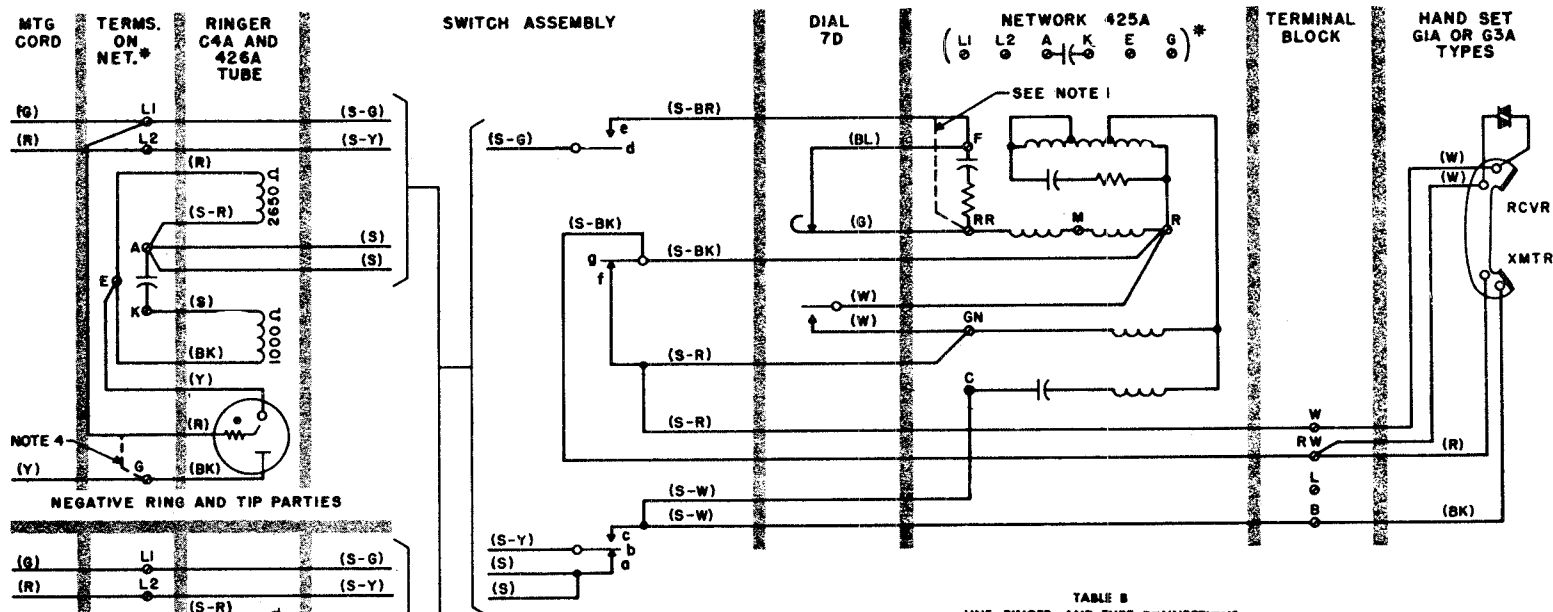
Spade tips or skinned wires should come in contact only with terminal to which connection is made. Electrical contact with metal tab of the network housing may cause the exposed dial finger stop to become energized with ringing current or dc line current.



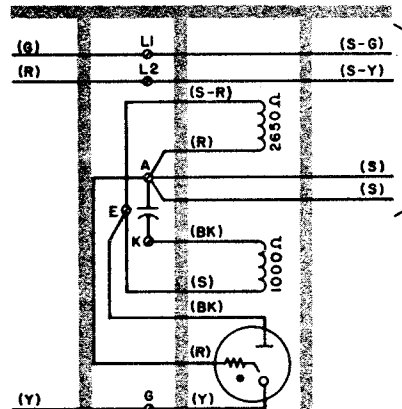
Note 2: Use normal connections on tip party ident ground stations. If bell taps on stations connected to long line equipment, use ringer reversal column in Table A to retain tip party ground identification.

Wire or Lead		Individual or Bridged	Ring Party	Tip Party No Idle Ground	Tip Party Ident Ground						
					Normal Connections		Ringer Reversed for Stations Connected to Long Line Equip.		To Silence Ringer Permanently		
					1000Ω	2650Ω	1000Ω	2650Ω	1000Ω	2650Ω	
Ringer Leads	R	K	K	K	K	M	R	G	K	M	
	BK	G	G	G	G	R	M	K	G	E	
	S	E	E	E	M	K	G	R	M	K	
	S-R	E	E	E	R	G	K	M	E	G	
Switchhook Lead		S	L2-A	L2-A	L2-A	A	A	A	A	L2	L2
Mounting Cord in Set	R	L2	L2	L2	L2	L2	L2	L2	L2	L2	
	G	L1	L1	L1	L1	L1	L1	L1	L1	L1	
	Y	G	G	G	G	G	G	G	G	G	
Mounting Cord at Connecting Block	R	R	R	G	G	G	G	G	G	G	
	G	G	G	R	R	R	R	R	R	R	
	Y	G	Y	Y	Y	Y	Y	Y	Y	Y	
Line Wire at Connecting Block	Ring	R	R	R	R	R	R	R	R	R	
	Tip	G	G	G	G	G	G	G	G	G	
	Grd	Y	Y	Y	Y	Y	Y	Y	Y	Y	
To silence ringer for all classes of services except tip party ground identification, connect yellow mounting cord to same terminal as red mounting cord lead at connecting block.											

Fig. 1 — 500J, K Telephone Set, Connections



NEGATIVE RING AND TIP PARTIES



POSITIVE RING AND TIP PARTIES

Note 1: S-BR switch lead is connected to F terminal in dial sets and to RR terminal in manual sets.

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 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 (-) 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
426A Tube (3-Element) See Notes 3 and 4	R	L1 or G	L1 or G	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	G4	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

Fig. 2 - 501J, K Telephone Set, Connections