

TELEPHONE SETS—500C, D AND 501C, D  
COMMON BATTERY — CONNECTIONS

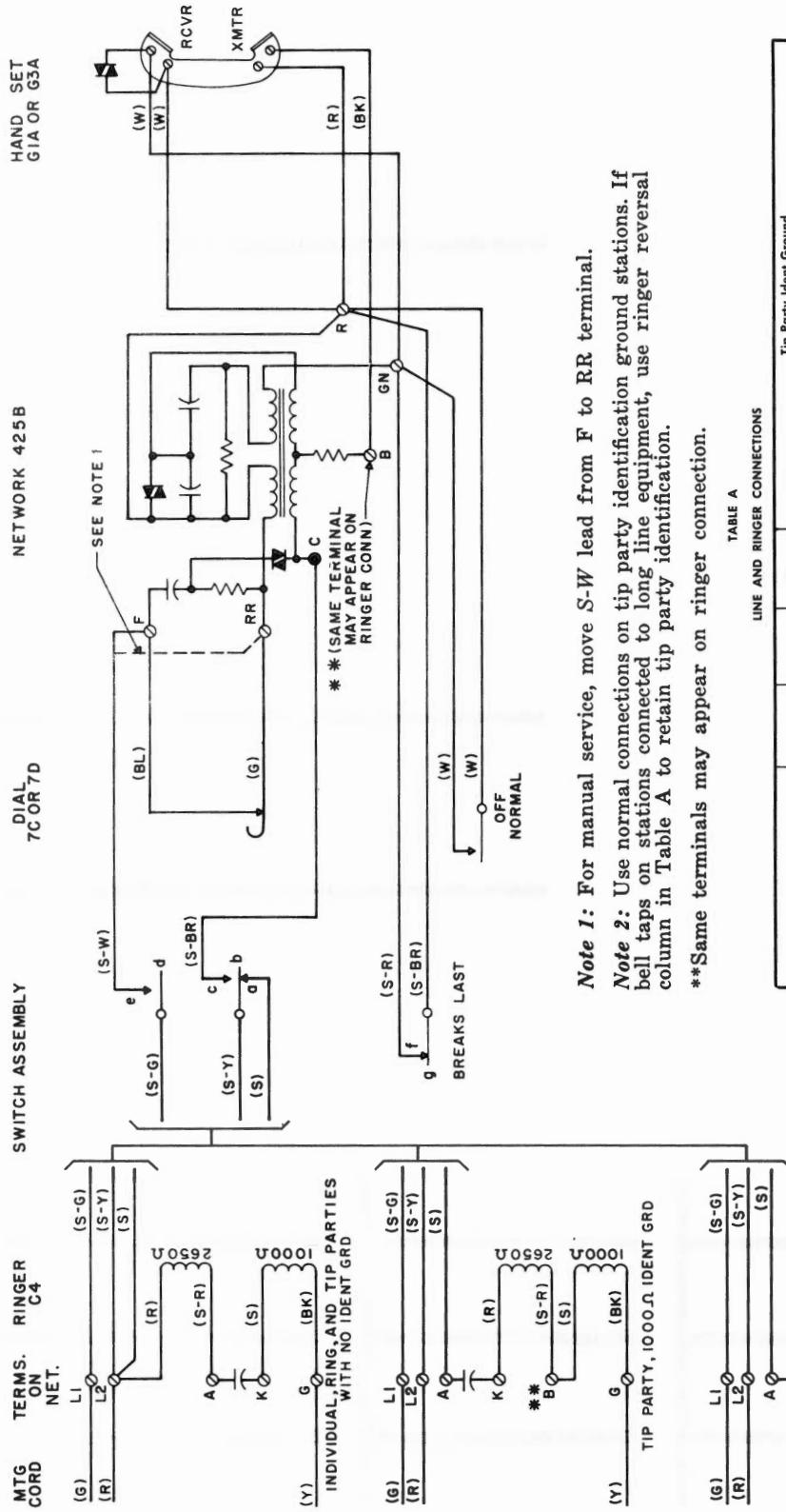


TABLE A  
LINE AND RINGER CONNECTIONS

Wire or Lead	Indi- vidual or Bridged	Tip Party Ident Ground			To Silence Ringer Permanently
		Party	No	Ground	
R	L2	L2	K	B	K
BK	G	G	G	B	K
S	K	K	B	B	K
S-R	A	A	B	G	K
Switchhook Lead	S	L2	A	A	L2
Mounting Cord in Set	R	L2	L2	L2	L2
	G	L1	L1	L1	L1
	Y	G	G	G	G
	R	R	G	G	G
Mounting Cord at Connecting Block	G	G	R	R	R
	Y	G	Y	Y	Y
Line Wire at Connecting Block	Ring	R	R	R	R
	Tip	G	G	G	G
Grd	Y	Y	Y	Y	Y

To silence ringer for all classes of service except tip party, ground identification, connect yellow mounting cord to same terminal as red mounting cord at connecting block.

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.



**D**

Fig. 1 — 500C, D Telephone Set

## SECTION C38.603

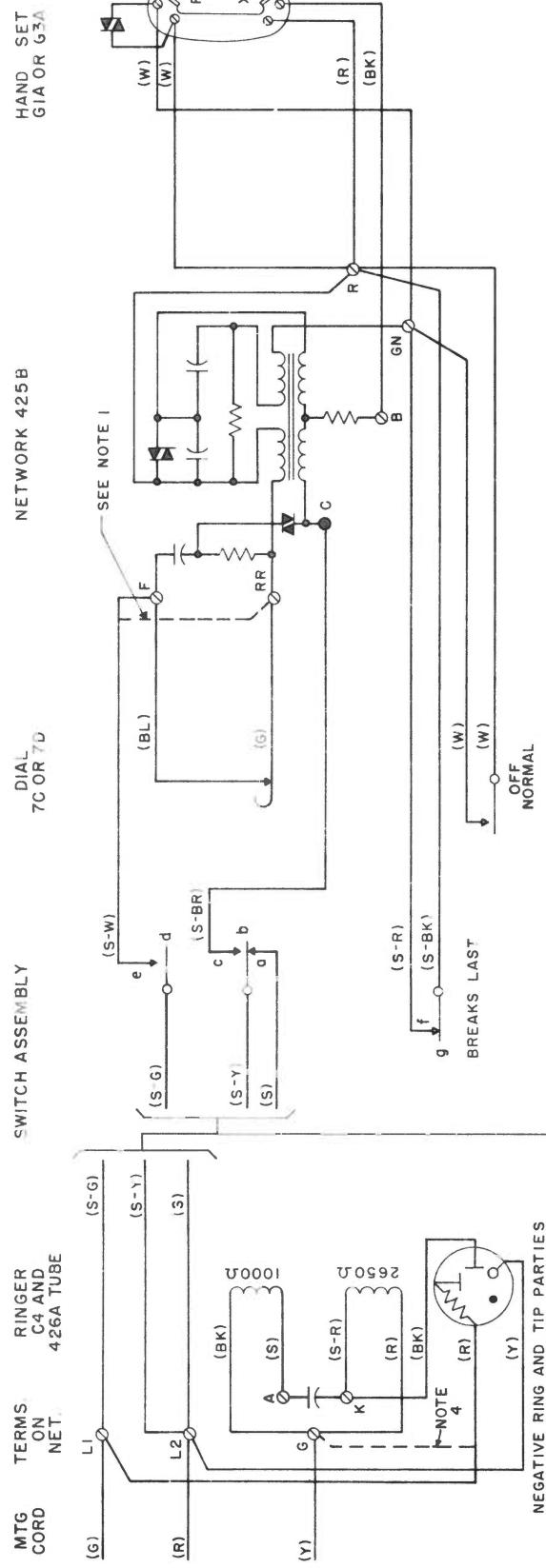


TABLE B  
LINE, RINGER, AND TUBE CONNECTIONS

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

**Note 1:** For manual service, move S-W 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 inductive interference, refer to section entitled Inductive Noise.

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

### POSITIVE RING AND TIP PARTIES

### NEGATIVE RING AND TIP PARTIES

Fig. 2 — 501C, D Telephone Set