

TELEPHONE SETS
500C/D AND 501C/D
CONNECTIONS

2. CONNECTIONS

2.01 The 500C/D telephone set is factory-wired for individual bridged or ring party service.

2.02 The 501C/D telephone set contains a 426A three element electron tube and is factory-wired for use in 4-party selective or 8-party semiselective ringing service.



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

TABLE A

500C/D TELEPHONE SET

LINE AND RINGER CONNECTIONS

WIRE OR LEAD	COLOR	INDIVIDUAL OR BRIDGED	1-3 RING PARTY	4FR 2-4 TIP PARTY NO IDENT GROUND	TIP PARTY IDENT GROUND			
					NORMAL CONNECTION		RINGER REVERSAL WHEN CONNECTED TO LONG LINE EQUIP.	
					1000Ω	2650Ω	1000Ω	2650Ω
Ringer Leads	(R)	L2	L2	L2	K	B	B	G
	(BK)	G	G	G	G	B	B	K
	S	K	K	K	B	K	G	B
	(S-B)	A	A	A	B	G	K	B
Switch Hook Lead	(S)	L2	L2	L2	A	A	A	A
Mounting Cord in Set <i>NEVER CUT THESE</i>	R	L2	L2	L2	L2	L2	L2	L2
	G	L1	L1	L1	L1	L1	L1	L1
	Y	G	G	G	G	G	G	G
Mounting Cord at Connecting Block	(R)	R	R	G	G	G	G	G
	(G)	G	G	R	R	R	R	R
	(Y)	G	Y	Y	Y	Y	Y	Y
Line Wire at Connecting Block	Ring	R	R	R	R	R	R	R
	Tip	G	G	G	G	G	G	G
	Grd	Y	Y	Y	Y	Y	Y	Y

* If bell taps on stations connected to long line equipment, use these connections to retain tip party ground identification.

Note: To silence ringer permanently:

- For all classes of service except tip party identification ground; remove the (R) ringer lead from L2 of network and insulate and store.
- For tip party with 1000 ohms identification ground; remove (R) ringer lead from K of network and insulate and store.
- NOTE* For tip party with 2650 ohms identification ground; remove the (S) ringer lead from K of network and insulate and store.

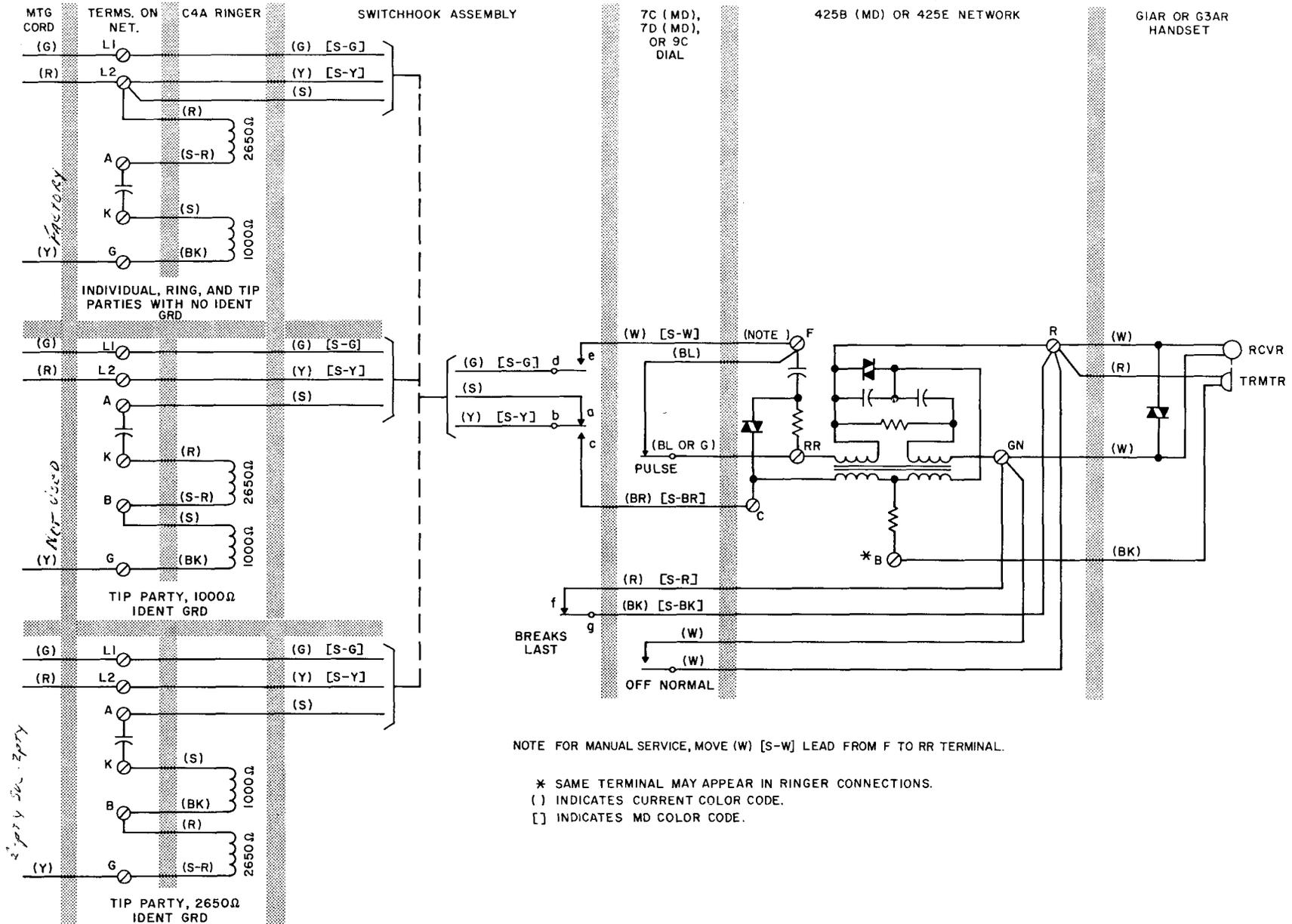


Fig. 1—500C/D Telephone Set, Connections

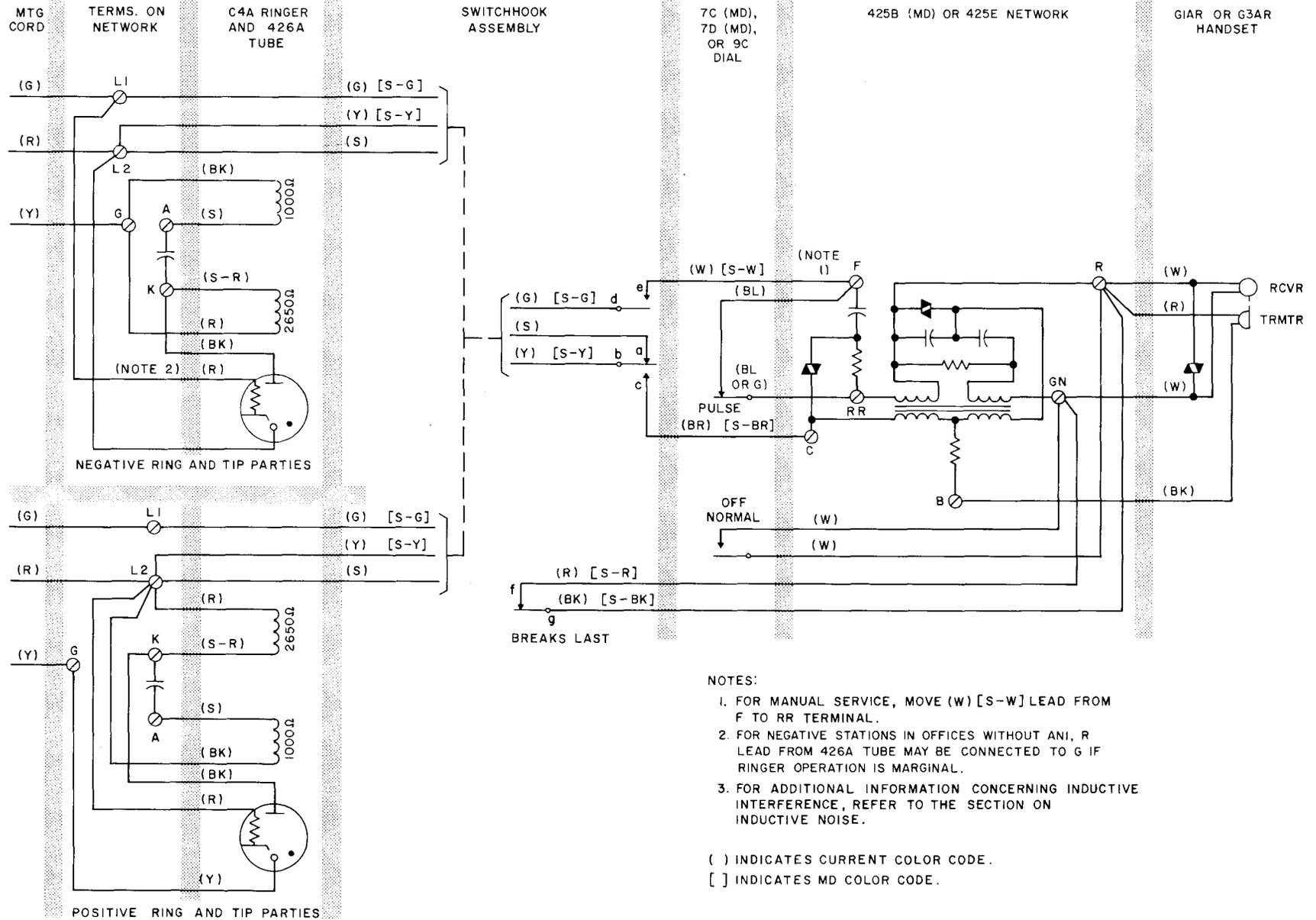


Fig. 2—501C/D Telephone Set, Connections