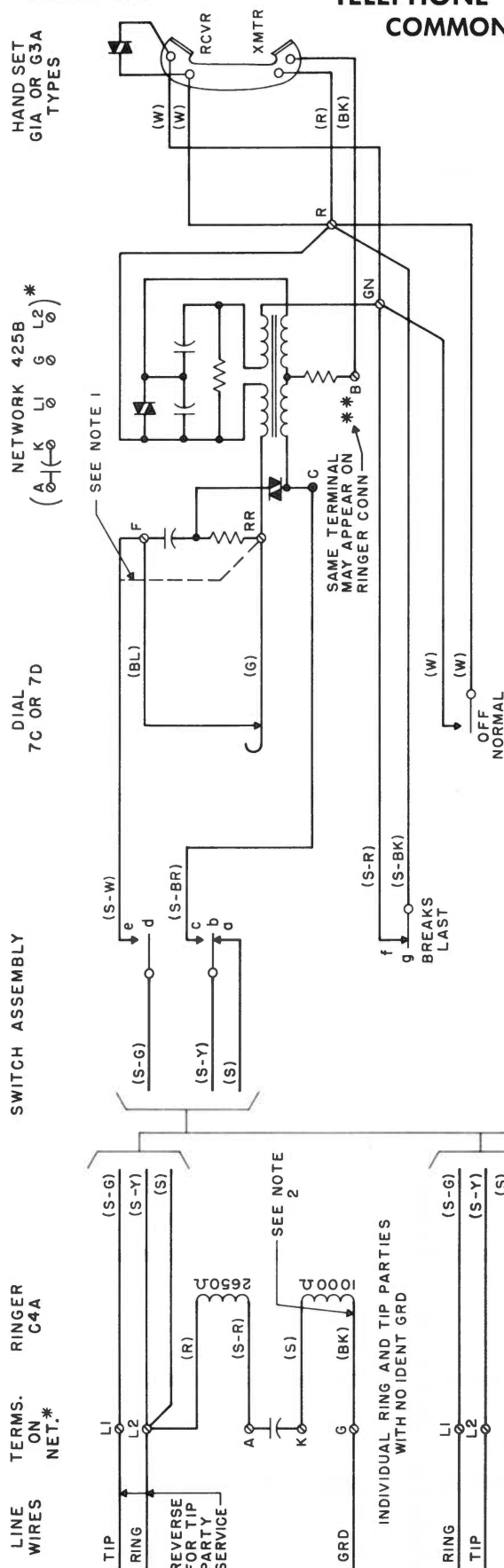


TELEPHONE SETS 554A, B AND 556A, B COMMON BATTERY - CONNECTIONS



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 and switch-hook to become energized with ringing current or dc line current.



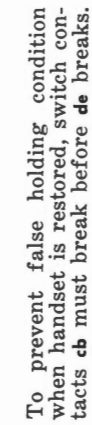
- Note 1:** For manual service, move S-W lead from F to RR terminal.
- Note 2:** For individual or bridged service, connect black ringer lead to L1 terminal.
- Note 3:** Use normal connections on tip party identification ground stations. If bell taps on stations connected to long line equipment, use ringer reversal column in Table A to retain tip party ground identification.

TABLE A
LINE AND RINGER CONNECTIONS

Wire or Lead	Indi-vidual 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
Ringer Leads	R	L2	L2	1000Ω	1000Ω	2650Ω
	BK	L1	G	B	B	K
	S	K	K	G	B	K
	S-R	A	A	B	K	G
Switchhook Lead	S	L2	L2	A	A	L2
Line Wire in Set	R	L2	L1	L1	L1	L1
Tip	G	L1	L2	L2	L2	L2
Grd	Y	G	G	G	G	G

To silence ringer for all classes of service except tip party ground identification, connect S and BK ringer leads on K terminal of 425B network.

Fig. 1 — 554A, B Telephone Set

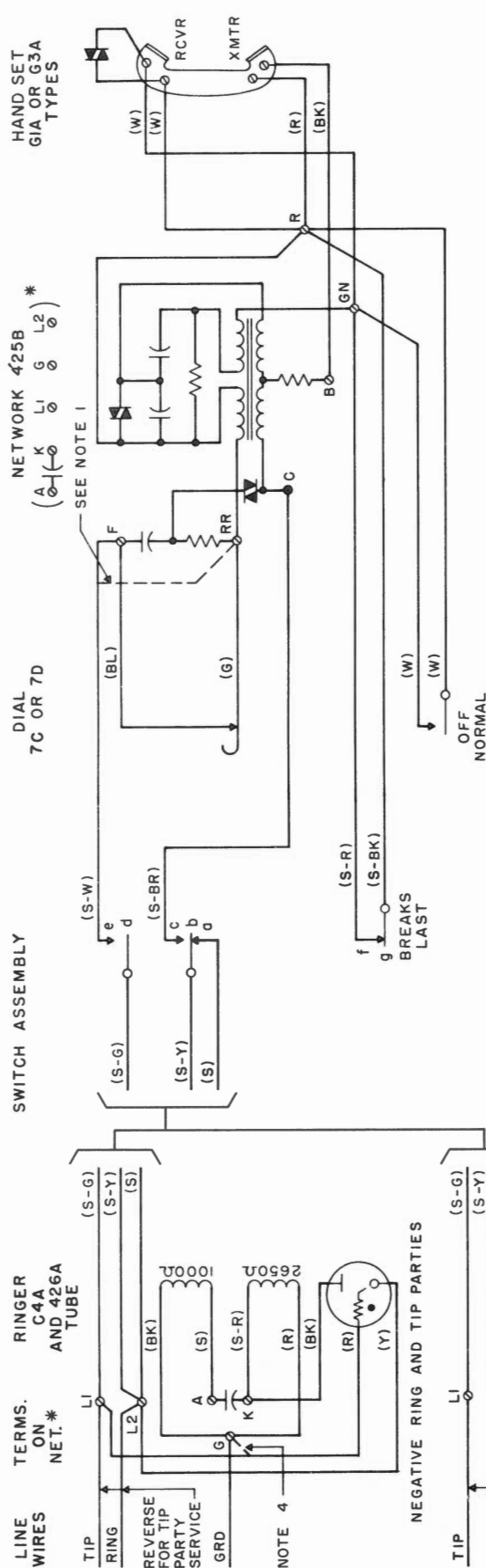


Note 1: To tip and ring for individual line ringer or to common audible signal leads from equipment cabinet.

Note 2: Mount P-33886 terminal strip with P-33888 retainer and P-43A376 screws. If the above are not available, connect ringer leads with D-161488 connectors. Tape and store to avoid mechanical interference.

Note 3: For manual service, connect tip of line to RR terminal of network.

Fig. 2 — 554A, B Telephone Set Rewired for A Lead Control

TABLE B
LINE, RINGER, AND TUBE CONNECTIONS

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

Fig. 3 — 556A, B Telephone Set

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

Note 2: To silence ringer permanently: connect R and BK ringer leads on K terminal of 425B network.

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.