

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.

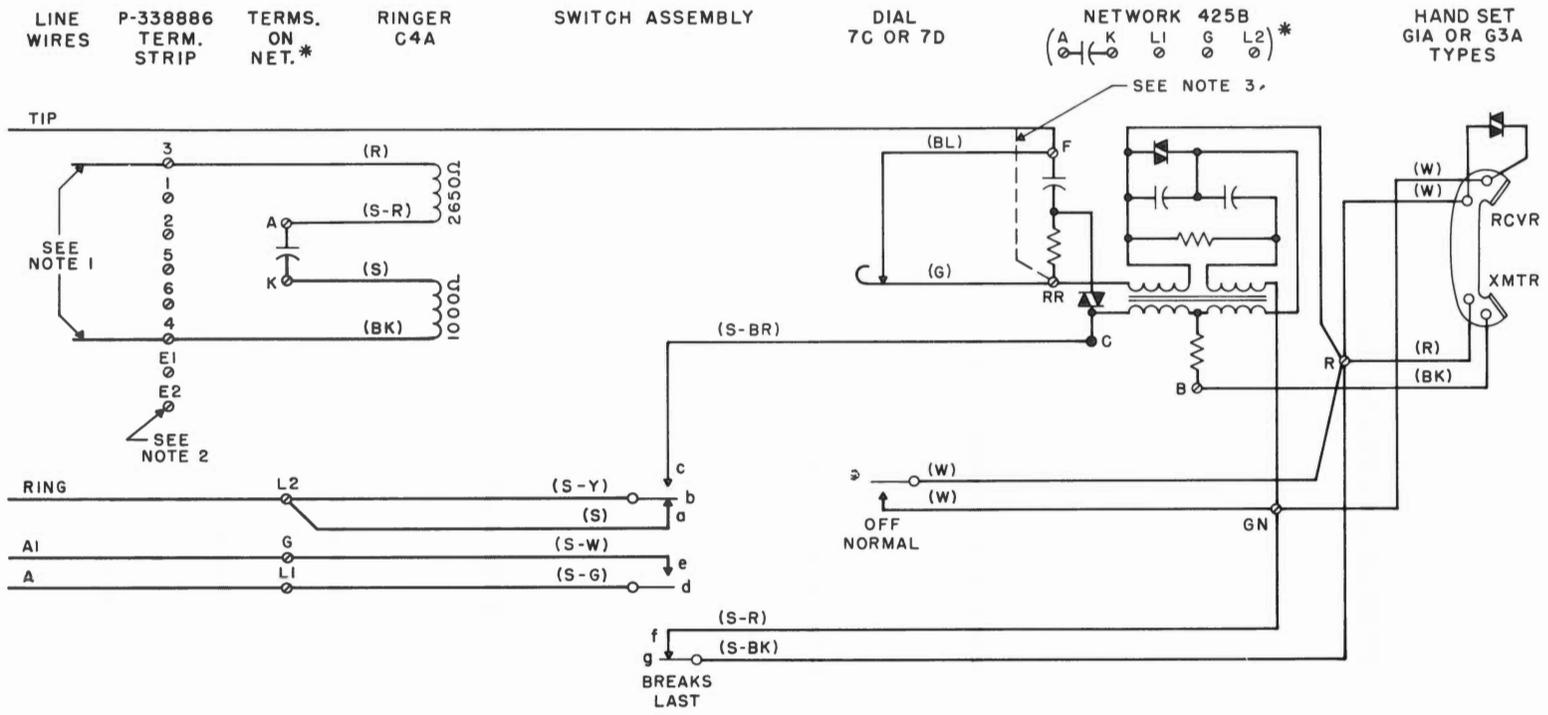


Spade tips or skinned wires should come in contact only with terminal to which connection is made. Electrical contact with metal tab of the network housing may cause the exposed dial finger stop and switchhook to become energized with ringing current or dc line current.

TABLE A
LINE AND RINGER CONNECTIONS

Wire or Lead	Individual or Bridged	Ring Party	Tip Party No Ident Ground	Tip Party Ident Ground						
				Normal Connections		Ringer Reversal when Connected to Long Line Equip.		To Silence Ringer Permanently		
				1000Ω	2650Ω	1000Ω	2650Ω	1000Ω	2650Ω	
Ringer Leads	R	L2	L2	L2	K	B	B	G	K	B
	BK	L1	G	G	G	B	B	K	G	K
	S	K	K	K	B	K	G	B	B	K
	S-R	A	A	A	B	G	K	B	K	G
Switchhook Lead	S	L2	L2	L2	A	A	A	A	L2	L2
Line Wire in Set	Ring	R	L2	L2	L1	L1	L1	L1	L1	L1
	Tip	G	L1	L1	L2	L2	L2	L2	L2	L2
	Grd	Y	G	G	G	G	G	G	G	G

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.

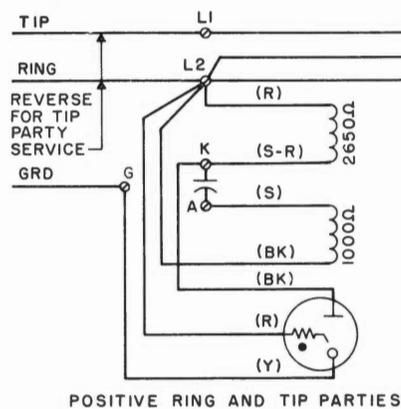
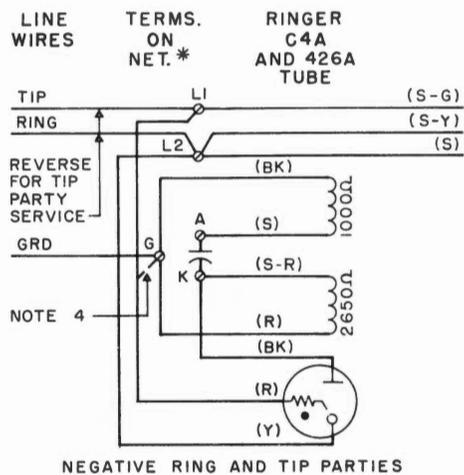
Note 2: Mount P-338886 terminal strip with P-338888 retainer and P-43A376 screws. If the above are not available, connect ringer leads with D-161488 connectors. Tape and store to avoid mechanical interference.

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



To prevent false holding condition when handset is restored, switch contacts **cb** must break before **de** breaks.

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

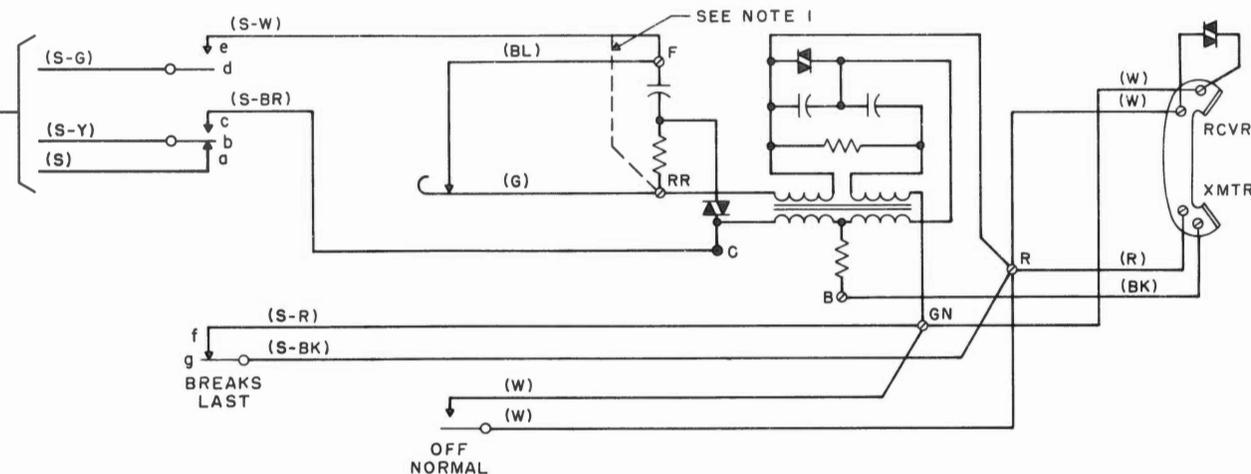


SWITCH ASSEMBLY

DIAL 7C OR 7D

NETWORK 425B (A K L1 G L2)*

HAND SET G1A OR G3A TYPES



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.

TABLE B
LINE, RINGER, AND TUBE CONNECTIONS

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

Fig. 3 — 556A, B Telephone Set