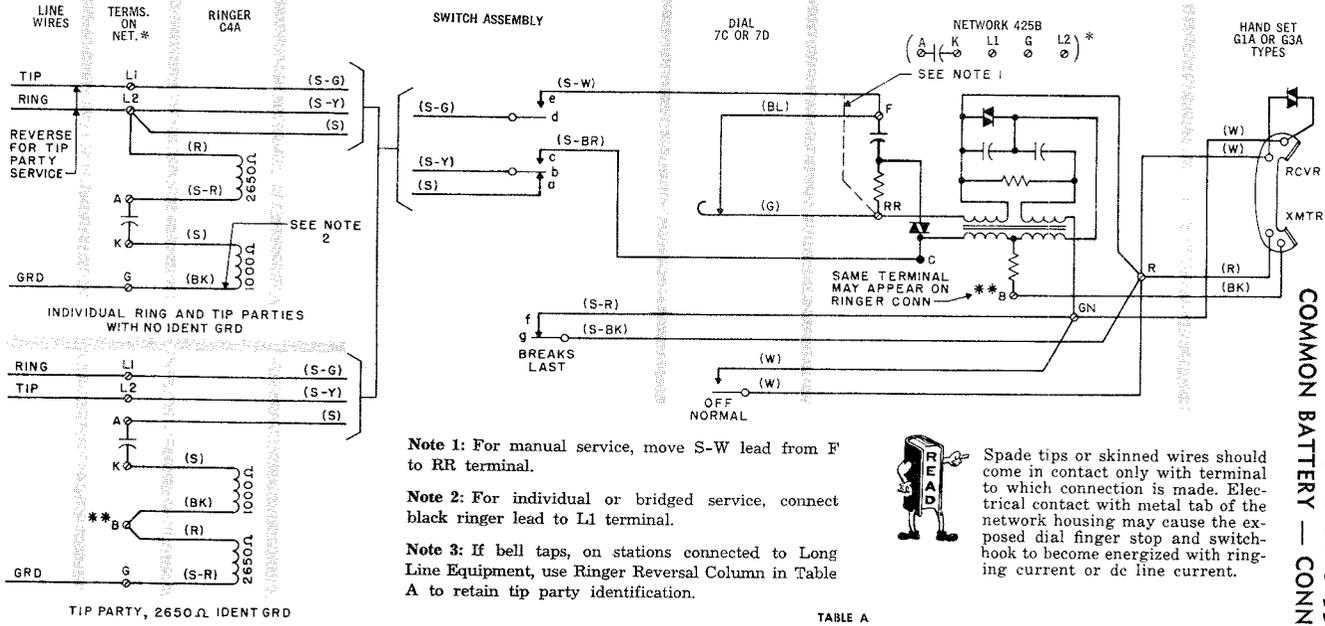


TELEPHONE SETS 554B  
COMMON BATTERY — CONNECTIONS



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 switchhook to become energized with ringing current or dc line current.

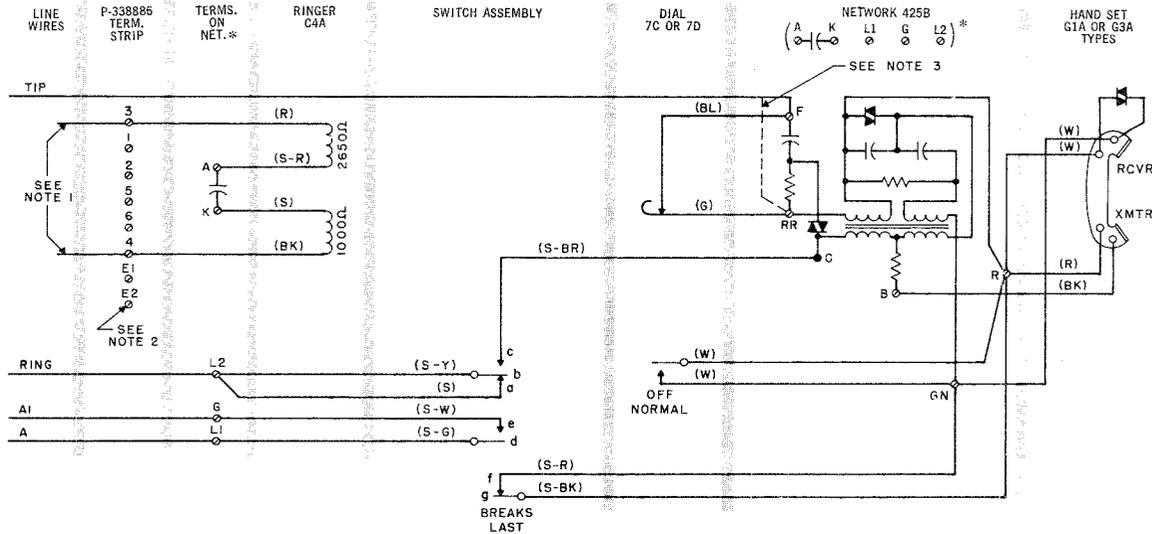
- Note 1:** For manual service, move S-W lead from F to RR terminal.
- Note 2:** For individual or bridged service, connect black ringer lead to L1 terminal.
- Note 3:** If bell taps, on stations connected to Long Line Equipment, use Ringer Reversal Column in Table A to retain tip party identification.

TABLE A  
LINE AND RINGER CONNECTIONS

Wire or Lead		Individual or Bridged	Ringer Party	Tip Party No Ident Ground	Tip Party Ident Ground		
					Normal Connections	Ringer Reverse (Note 3)	To Silence Ringer Permanently
Ringer Leads	R	L2	L2	L2	B	G	B
	BK	L1	G	G	B	K	K
	S	K	K	K	K	B	K
	S-R	A	A	A	G	B	G
Switchhook Lead	S	L2	L2	L2	A	A	L2
Line Wire in Set	Ring	R	L2	L2	L1	L1	L1
	Tip	G	L1	L1	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 — 554B Telephone Set



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

**Note 2:** Mount PO 338886 terminal strip with PO 338888 retainer and PO 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 — 554B Telephone Set Rewired for A Lead Control**