

TABLE A
CONNECTIONS FOR TELEPHONE SET WITHOUT RINGER

Wire or Lead		Individual or Bridged	Ring Party	Tip Party	Tip Party with Ident Grd	
					1000Ω	2500Ω
Line Wire at Conn Block	Ring	R	R	R	R	R
	Tip	G	G	G	G	G
	Grd	Y	Y	Y	Y	Y
Transformer Leads at Conn Block		1	Y	Y	Y	Y
		2	B	B	B	B
Mounting Cord at Conn Block		R	R	R	G	G
		G	G	G	R	R
		Y	Y	Y	Y	Y
		BL	B	B	B	B
		W	R	R	R	G
Mounting Cord at Set		BK	B	B	B	B
		R	L2	L2	L2	L2
		G	L1	L1	L1	L1
		Y	3	3	3	3
		BL	4	4	4	4
		W	D	D	D	D
Inductor Leads at Set		BK			3	3
		R			B	*
		S			B	B

* Insulate and store.

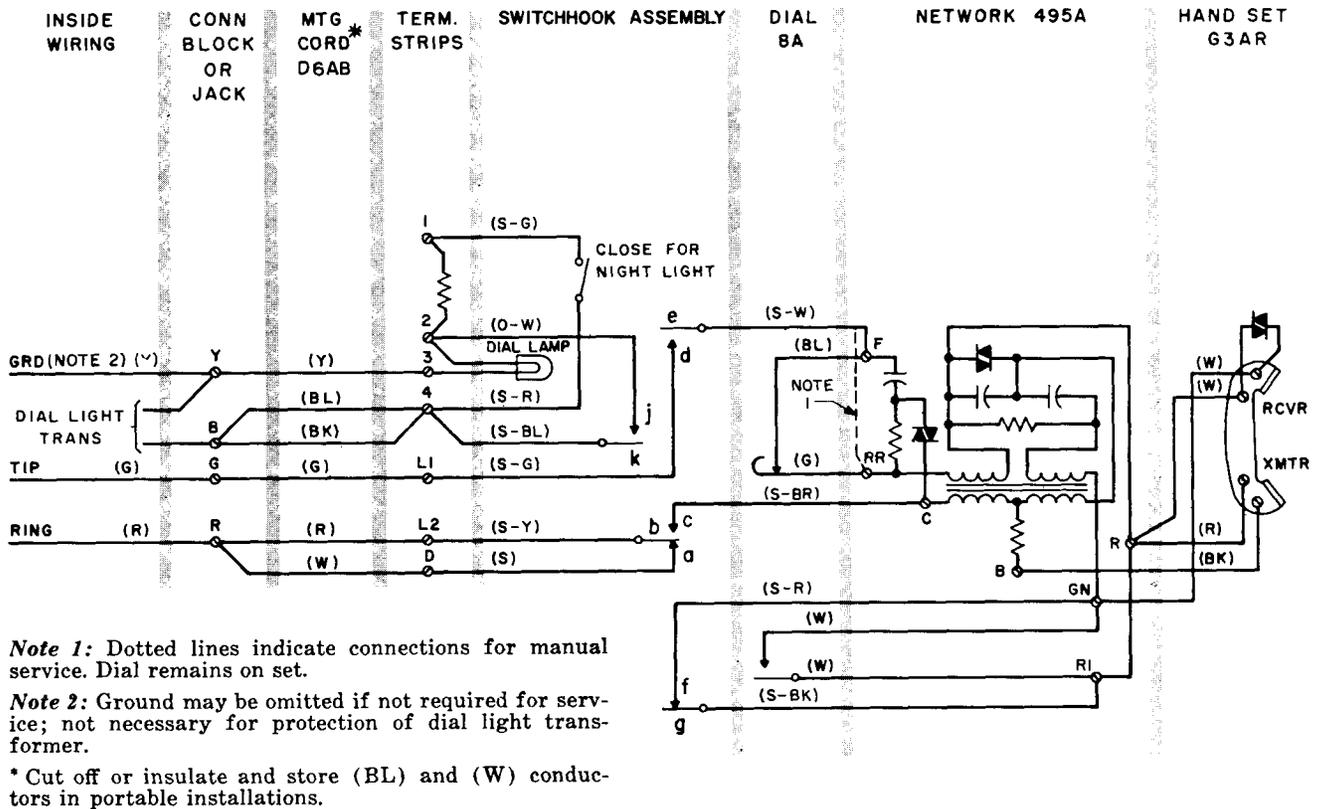


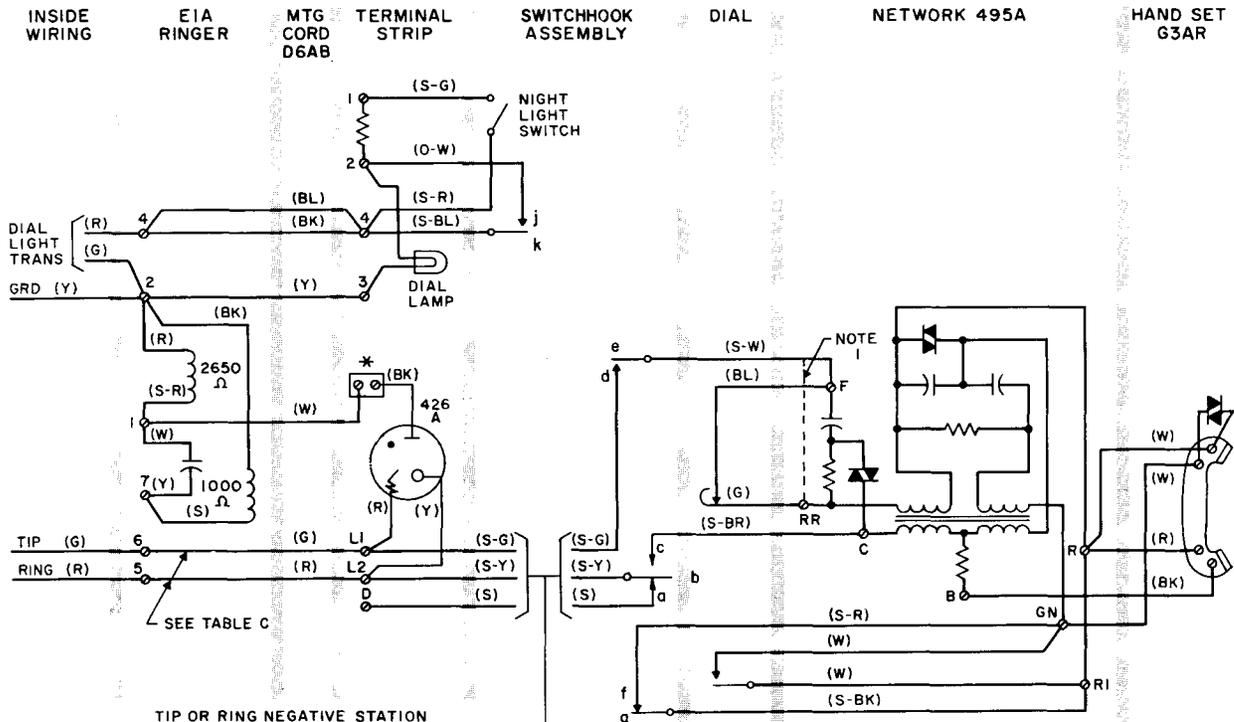
Fig. 1 — 701B Telephone Set without Ringer or as a Portable Installation

TABLE B
LINE AND RINGER CONNECTIONS WITH E1A RINGER

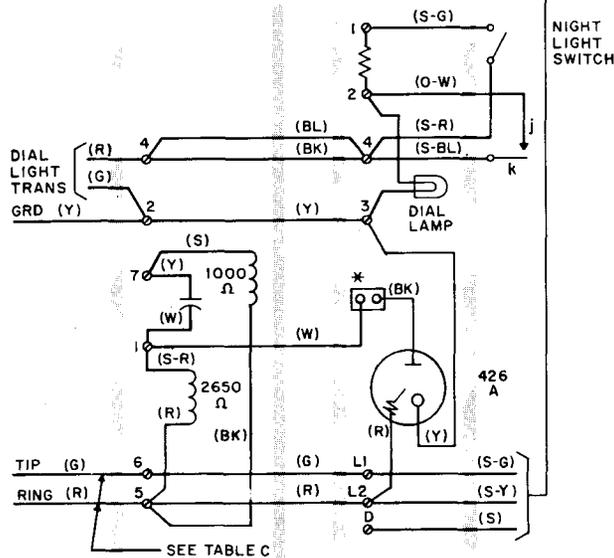
Wire or Lead			Individual or Bridged	Ring Party	Tip Party	Tip Party with Ident Grd			
						Normal Connections		Ringer Reversal When Connected to Long Line Circuit	
						1000Ω	2650Ω	1000Ω	2650Ω
Line at Ringer	Ring	R	5	5	6	5	5	5	5
	Tip	G	6	6	5	6	6	6	6
	Grd	Y	2	2	2	2	2	2	2
Ringer		R	7	7	7	7	1	1	2
		S-R	1	1	1	1	2	7	1
		BK	6	2	2	2	1	1	7
		S	1	1	1	1	7	2	1
Capacitor in Ringer		W	7	7	7	7	7	7	7
		Y	5	5	6	3	3	3	3
Transformer Leads		1	2	2	2	2	2	2	2
		2	4	4	4	4	4	4	4
Mounting Cord at Ringer		R	5	5	5	6	6	6	6
		G	6	6	6	5	5	5	5
		Y	2	2	2	2	2	2	2
		BL	4	4	4	1	1	1	1
		W	3	3	3	3	3	3	3
		BK	4	4	4	4	4	4	4
Mounting Cord at Set*		R	L2	L2	L2	L2	L2	L2	L2
		G	L1	L1	L1	L1	L1	L1	L1
		Y	3	3	3	3	3	3	3
		BL	4	4	4	B	B	B	B
		W	D	D	D	D	D	D	D
		BK	4	4	4	4	4	4	4

Note: Use normal connections on tip party identifying ground stations. If bell taps on stations connected to long line equipment, use ringer reversal column in Table B to retain tip party ground identification.

* Set wired at factory for individual or bridged, ring, and tip party service.



TIP OR RING NEGATIVE STATION



TIP OR RING POSITIVE STATION

Note 1: Dotted lines indicate connections for manual service. Dial remains on set.

Note 2: For negative stations in offices without ANI, (R) lead from 426A tube may be connected to (G) if ringer operation is marginal.

* Remove W lead from D punching in set and connect to BK tube lead using D-161488 connector.

Fig. 4 — 701B Telephone Set with 426A Cold Cathode Tube

**TABLE C
4-PARTY SELECTIVE AND 8-PARTY SEMISELECTIVE SERVICE**

Location	Wire or Lead	Negative Stations		Positive Stations			
		1 and 5	2 and 6	3 and 7	4 and 8		
Terminals on EIA Ringer	Line	Ring R	5	6	5	6	
		Tip G	6	5	6	5	
		Grd Y	2	2	2	2	
	Ringer Coil Leads	R	2	2	5	5	
		S-R	1	1	1	1	
		S	7	7	7	7	
		BK	2	2	5	5	
	Capacitor Leads	Y	7	7	7	7	
		W	1	1	1	1	
	Mounting Cord	R	5	5	5	5	
		G	6	6	6	6	
		W	1	1	1	1	
		Y	2	2	2	2	
		BL	4	4	4	4	
BK		4	4	4	4		
2012A or KS-16184 Trans	G	2	2	2	2		
	R	4	4	4	4		
Terminals in 701B Telephone Set	Mounting Cord	R	L2	L2	L2	L2	
		G	L1	L1	L1	L1	
		W	*	*	*	*	
		Y	3	3	3	3	
		BL	4	4	4	4	
		BK	4	4	4	4	
		426A Tube Leads	BK	*	*	*	*
			Y	L2	L2	3	3

TABLE E
CONNECTIONS WITH F1A RINGER

Wire or Lead			Individual or Bridged	Ring Party	Tip Party	Tip Party with Identifying Ground				
						Normal Connections		Ringer Reversal When Connected to Long Line Circuit		
						1000Ω	2650Ω	1000Ω	2650Ω	
F1A Ringer Term.	Line	Ring	R	6	6	1	1	1	1	
		Tip	G	4	1	6	5	5	5	
		Grd	Y	1	4	4	4	4	4	
	Ringer Coil		R	7	7	7	7	2	2	4
			S-R	2	2	2	2	4	7	2
			BK	4	4	4	4	2	2	7
			S	2	2	2	2	7	4	2
	Network Straps	G	BL	4	4	4	4	4	4	4
		A	R	7	7	7	7	7	7	7
		B	G	6	6	6	6	6	6	6
	Dial Light Trans		1	1	4	4	4	4	4	4
			2	3	3	3	3	3	3	3
	Mounting Cord		R	6	6	6	5	5	5	5
			G	4	1	1	1	1	1	1
			Y	1	4	4	4	4	4	4
			BL	3	3	3	2	2	2	2
			W	5	5	5	6	6	6	6
			BK	3	3	3	3	3	3	3
	Set Term.	Mounting Cord*		R	L2	L2	L2	L2	L2	L2
				G	L1	L1	L1	L1	L1	L1
			Y	3	3	3	3	3	3	
			BL	4	4	4	B	B	B	
			W	D	D	D	D	D	D	
			BK	4	4	4	4	4	4	



The F1A ringer is not intended to be used with 4-party selective or 8-party semiselective service, or any other service where code ringing would not be distinguishable in CHIME position. For schematic drawing and maintenance information on F1A ringer, see section on the F1A ringer.

Note: Use normal connections on tip party ground stations. If bell taps on stations connected to long line circuit, use ringer reversal column in Table B to retain tip party ground identification.

* Wired at factory for individual or bridged, ring, and tip party service.