

751-TYPE CONNECTIONS

TABLE A
LINE CONNECTIONS

LEAD		71B CONN. BLOCK TERMINAL	D12E MTG CORD
1st Line	R	1	BL-W
	T	2	W-BL
	A	3	R-BL
2nd Line	R	4	O-W
	T	5	W-O
	A	6	S-W
Signal	S	7	W-S
Excluded	A	8	BL-R
Station	ER	9	W-G
Line	ET	10	G-W
Ground	A1/SG	11	W-BR
	GRD	12	BR-W



The 3A cord reels shall be used when the telephone set is subjected to temperatures below 40 degrees F. The 3B cord reel shall be used when the telephone set is not subjected to temperatures below 40 degrees F.

TABLE B

751C AND 751D TELEPHONE SETS — CONNECTIONS FOR 1-LINE PICKUP, SIGNALING, AND CUTOFF FEATURE FOR EXTENSION STATION OR EXTERNAL RINGER

APPARATUS	LEAD	REMOVE FROM TERMINAL			CONNECT TO TERMINAL			INSULATE AND STORE
		TB1	TB2	NET.	TB1	TB2	NET.	
Switch Hook Assembly	(BR) (G)			G L2	1	3		
Exclusion Key	(BR)		9					•
	(W)		10					•
	(BK)	2						•
	(Y)	1						•
	(BL)		9					•
	(S)		3					•
	(O)		8					•
584G Line Key	(G-BK)			F	2			
	(G)	2						•
	(O-BK)		3					•
	(W-O)			G		3		
	(R)	1						•
	(S-R)			L2	1			
	(W)		11			10		
M1W Cord or Equivalent	STRAP		7			9		
					2		F	

751-TYPE CONNECTIONS

TABLE A
LINE CONNECTIONS

LEAD		71B CONN. BLOCK TERMINAL	D12E MTG CORD
1st Line	R	1	BL-W
	T	2	W-BL
	A	3	R-BL
2nd Line	R	4	O-W
	T	5	W-O
	A	6	S-W
Signal	S	7	W-S
Excluded	A	8	BL-R
Station	ER	9	W-G
Line	ET	10	G-W
Ground	A1/SG	11	W-BR
	GRD	12	BR-W



The 3A cord reels shall be used when the telephone set is subjected to temperatures below 40 degrees F. The 3B cord reel shall be used when the telephone set is not subjected to temperatures below 40 degrees F.

TABLE B

751C AND 751D TELEPHONE SETS — CONNECTIONS FOR 1-LINE PICKUP, SIGNALING, AND CUTOFF FEATURE FOR EXTENSION STATION OR EXTERNAL RINGER

APPARATUS	LEAD	REMOVE FROM TERMINAL			CONNECT TO TERMINAL			INSULATE AND STORE
		TB1	TB2	NET.	TB1	TB2	NET.	
Switch Hook Assembly	(BR) (G)			G L2	1	3		
Exclusion Key	(BR)		9					•
	(W)		10					•
	(BK)	2						•
	(Y)	1						•
	(BL)		9					•
	(S)		3					•
	(O)		8					•
584G Line Key	(G-BK)			F	2			
	(G)	2						•
	(O-BK)		3					•
	(W-O)			G		3		
	(R)	1						•
	(S-R)			L2	1			
	(W)		11			10		
M1W Cord or Equivalent	STRAP		7			9		
					2		F	

TABLE D

RINGER AND TUBE CONNECTIONS FOR SELECTIVE RINGING SERVICE

WIRE OR LEAD		751A AND 751B TELEPHONE SETS												751C AND 751D TELEPHONE SETS											
		NEGATIVE (−) PARTIES						POSITIVE (+) PARTIES						NEGATIVE (−) PARTIES						POSITIVE (+) PARTIES					
		RING			TIP			RING			TIP			RING			TIP			RING			TIP		
		1 AND 5			2 AND 6			3 AND 7			4 AND 8			1 AND 5			2 AND 6			3 AND 7			4 AND 8		
		TB1	TB2	NET.	TB1	TB2	NET.	TB1	TB2	NET.	TB1	TB2	NET.	TB1	TB2	NET.	TB1	TB2	NET.	TB1	TB2	NET.	TB1	TB2	NET.
Ringer	R			G			G			G			G			L1			L1			L1			L1
	S-R	SR			SR			SR			SR					K			K			K			K
	S			K			K			K			K			A			A			A			A
	BK			G			G			G			G			L1			L1			L1			L1
Switch Hook	S	E2			E2			E2			E2														
	S-Y		7			7			7			7													
Strap	BK	E2 ↕ E2			E2 ↕ E2			E2 ↕ E2			E2 ↕ E2														
426A Tube (3-element) Notes 1, and 2	R	2			1			1			11			2			1			1			2		
	BK	SR			SR			SR			SR					K			K			K			K
	Y	1			2				11		2			1			2				12			12	
Strap*				11↔G			11↔G	1↔G			1↔G					12↔L1			12↔L1	1↔L1			2↔L1		
425A Tube (4-element) Notes 1, and 3	R	2								G			G				1			1			2		
	BK		11			11				K			K	2				12			K			K	
	Y			K			K		11			11			2	K			K		12			12	
	G	1			2			2			1			1			2			2			1		
Strap*				1↔G			1↔G	1↔G			2↔G			1↔L1			2↔L1			1↔L1			2↔L1		

* Use M1W cord or equivalent and D-161488 connectors as straps and to extend tube leads as necessary.

Note 1: For additional information on inductive noise and cold cathode electron tubes, see section on inductive noise.

Note 2: For negative stations in offices without ANI, R lead from tube may be connected to terminal 11 of TB2 (751A/B), terminal 12 of TB2 (751C/D), or G of networks if ringer operation is marginal.

Note 3: Use four element (425A) tubes in cases of severe inductive noise.



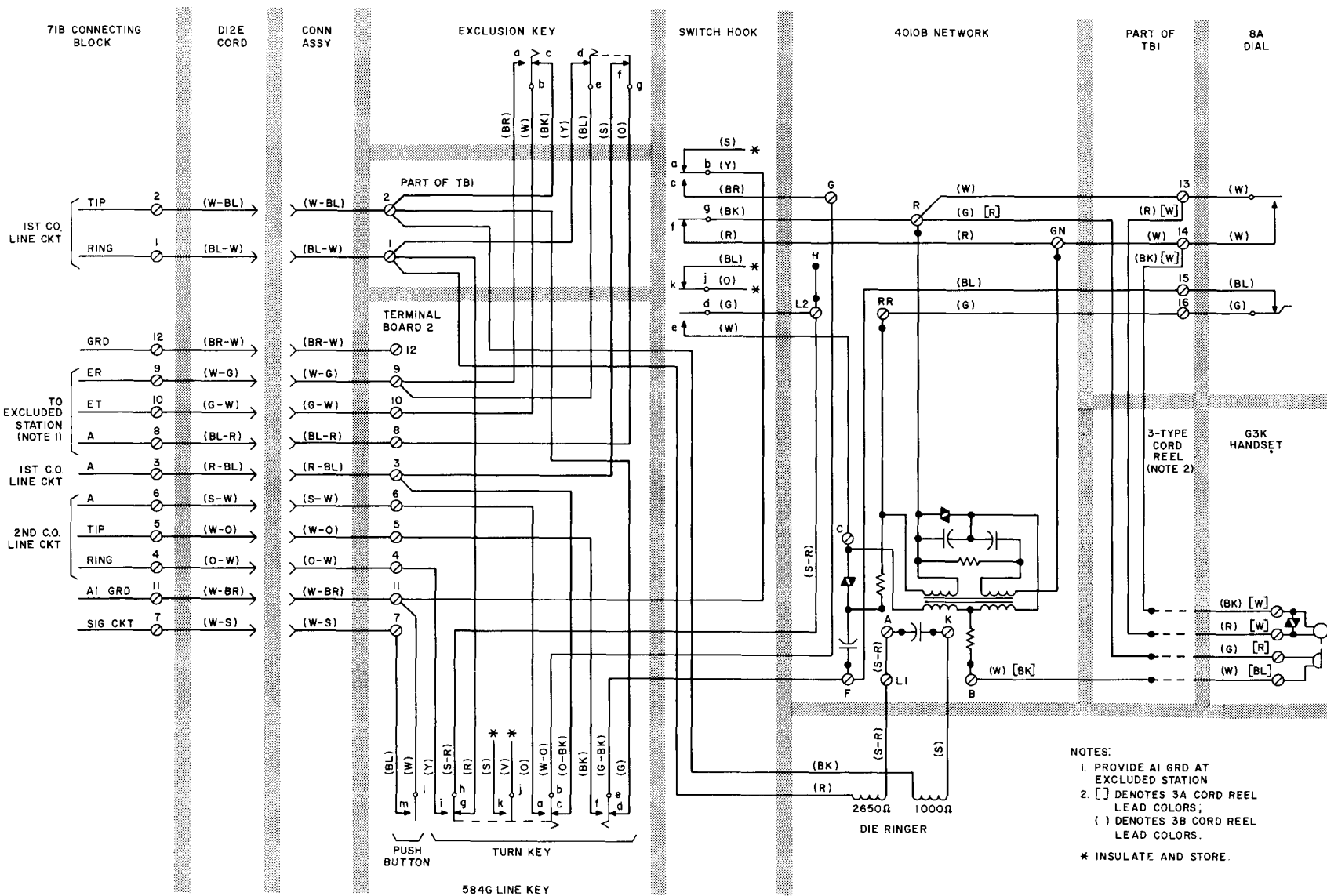


Fig. 2 — 751C and 751D Telephone Sets, Connections