

TELEPHONE SETS
558A, B, C, AND D TYPES
COMMON BATTERY — CONNECTIONS

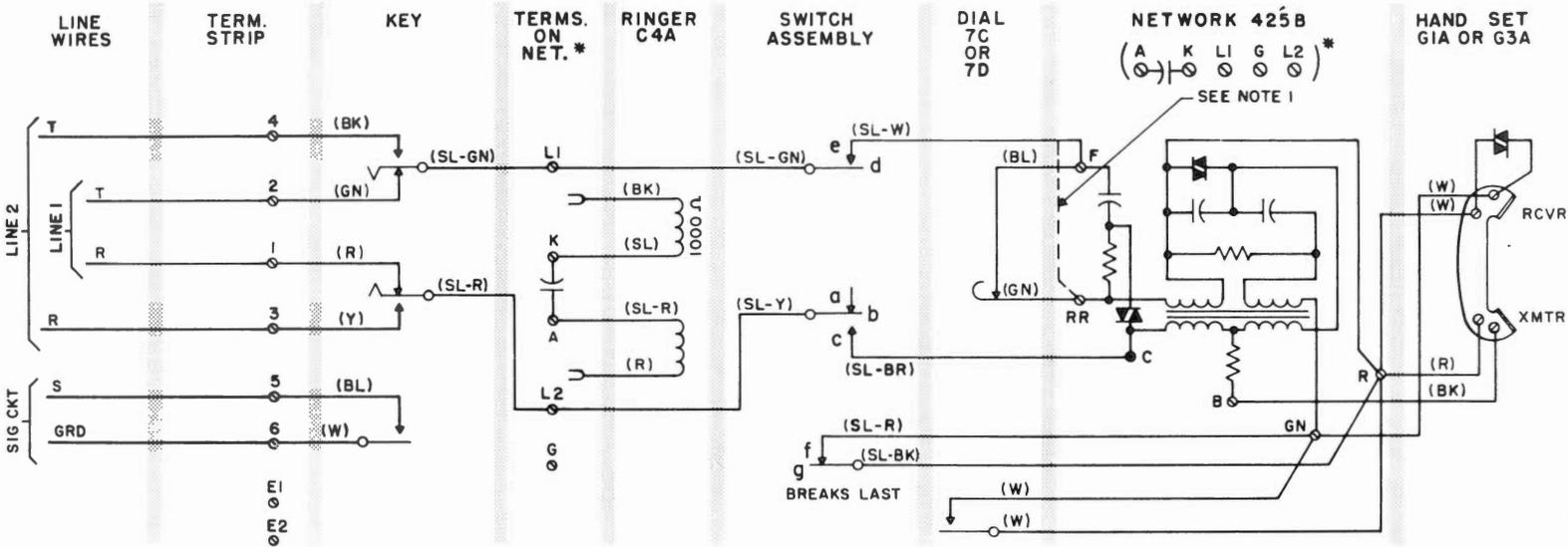


TABLE A
558A AND B LINE AND RINGER CONNECTIONS

Features (Signaling Included With All Features)							Connections to Terminals Inside Set				Connections for Inside Wire in Set											
Number of Lines Picked Up	Ringer in Set Used as		Turn Key Used to Cut Off				Turn Key Leads		Ringer Leads (Notes 2, 3, and 4)		Line 1		Line 2		Signal Circuit		Cutoff Circuit		Common or Private Line Ringer Circuit			
	Line Ringer	Com or Pvt Line Ringer	Ext Sta or Ext Line Ringer	External Com or Pvt Line Ringer	Ringer in Set	Auxiliary Receiver	SL-R	SL-GN	R	BK	SL	SL-R	Ring	Tip	Ring	Tip	S	GRD	Ring or R	Tip or B	R	B
1	•		•				L2	L1	L2	L1	K	A	L2	L1			5	6	3	4		
1	•				•		L2	L1	3	4	K	A	L2	L1			5	6				
1	•		•		•		L2	L1	1	2	K	A	L2	L1			5	6	3	4		
1		•	•				L2	L1	E1	E2	A	A	L2	L1			5	6	3	4	E1	E2
1		•			•		E1	E2	3	4	A	A	L2	L1			5	6			E1	E2
1		•		•	•		E1	E2	1	2	A	A	L2	L1			5	6	3	4	E1	E2
1	•					•	GN	R	L2	L1	K	A	L2	L1			5	6	3	4		
2	•						L2	L1	1	2	K	A	1	2	3	4	5	6				
2		•					L2	L1	E1	E2	A	A	1	2	3	4	5	6			E1	E2

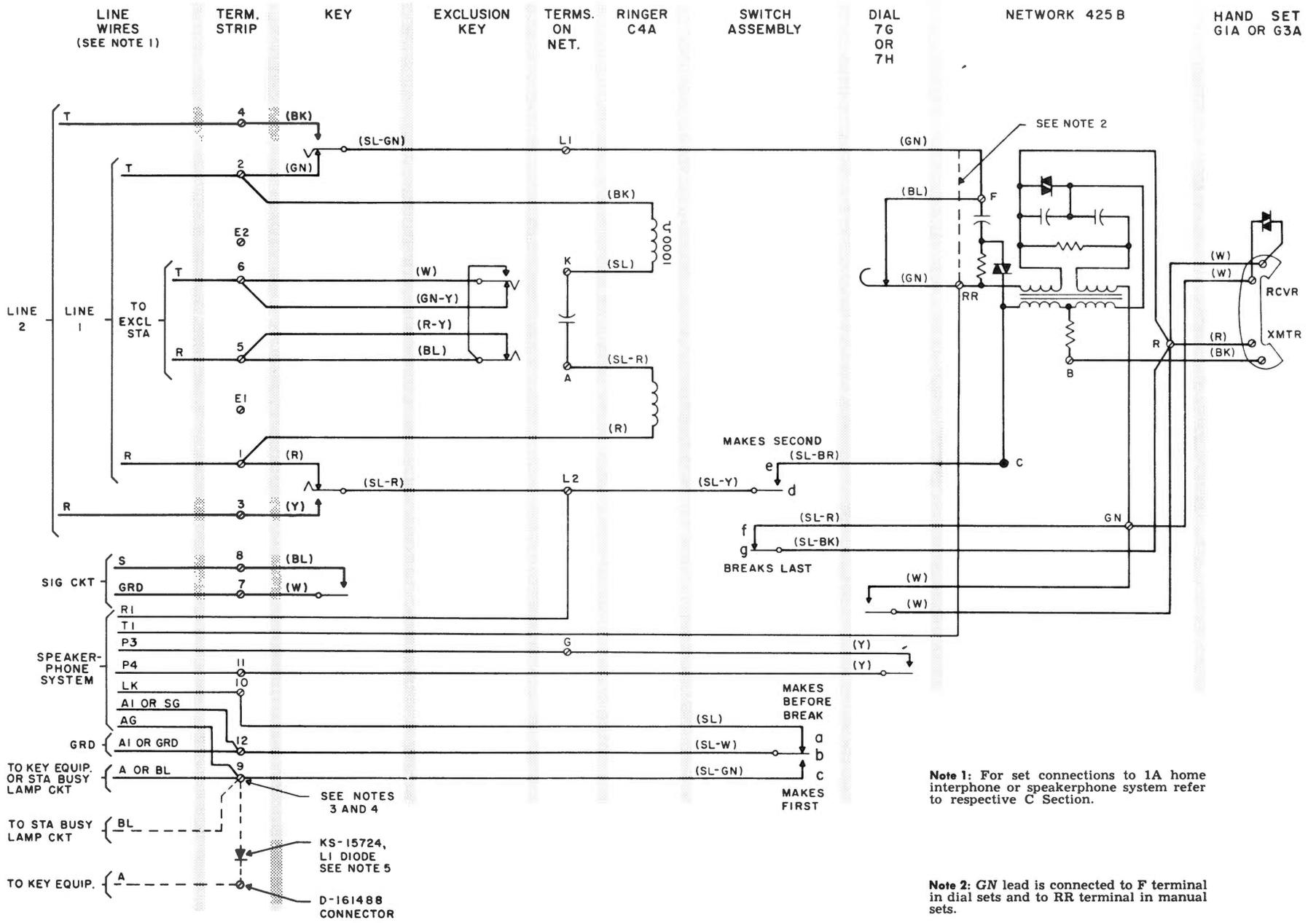
Note 1: SL-W switch lead is connected to F terminal in dial sets and to RR terminal in manual sets.

Note 2: Two-line pickup connections in Table A provide for ringing on line 1. For ringing on line 2, connect R and BK ringer leads to terminals 3 and 4, respectively.

Note 3: A 7-type buzzer on a 44B bracket may be substituted for the ringer as a common or private line audible signal.

Note 4: To silence ringer permanently connect BK ringer lead to terminal K on network.

FIG. 1 — 558A, B TELEPHONE SET
(Two-line Pickup and Signaling)



**FIG. 2 — 558C, D TELEPHONE SET
(Two-line Pickup, Signaling, Exclusion, and Control Leads)**

TABLE B
SPEAKERPHONE CONNECTIONS

Lead Desig	R1	T1	P3	P4	LK	AG	A1 or SG
Terms in Set	L2	RR	G	11	10	9	12

Note 3: Use A and A1 control leads on 1-line pickup features only.

Note 4: SL-W switch lead is factory-wired to terminal 9. Transfer this lead from terminal 9 to terminal 12, as required.

TABLE C
558C AND D LINE AND RINGER CONNECTIONS
(INTERNAL CONNECTIONS)

Features (Signaling Included With All Features)									Connections to Terminals Inside Set									
Number of Lines Picked Up	Ringer in Set Used as		Turn Key Used to Cut Off				Exclusion Key Used to Cut Off		Turn Key Leads	Exclusion Key Leads (Note 6)				Ringer Leads (Notes 7, 8, and 9)				
	Line Ringer	Com or Pvt Line Ringer	Ext Sta or Ext Line Ringer	External Com or Pvt Line Ringer	Ringer in Set	Auxiliary Receiver	Ext Sta or Ext Line Ringer	Ringer in Set		SL-R	SL-GN	R-Y	GN-Y	BL	W	R	BK	SL
1	•		•				•		L2	L1	L2	L1	5	6	L2	L1	K	A
1	•				•		•		L2	L1	L2	L1	5	6	3	4	K	A
1	•		•		•		•		L2	L1	L2	L1	5	6	1	2	K	A
1		•	•				•		L2	L1	L2	L1	5	6	E1	E2	A	A
1		•			•		•		E1	E2	L2	L1	5	6	3	4	A	A
1		•		•	•		•		E1	E2	L2	L1	5	6	1	2	A	A
1	•					•	•		GN	R	L2	L1	5	6	L2	L1	K	A
2	•						•		L2	L1	1	2	5	6	1	2	K	A
2		•					•		L2	L1	1	2	5	6	E1	E2	A	A
2		•						•	L2	L1	E1	E2	5	6	5	6	A	A

Note 5: Use dotted-line connections when A and A1 control leads and station busy lamp circuit are used together. Install KS-15724, List 1 diode from terminal 9 to spare terminal or D-161488 connector as shown.

Note 6: Two-line pickup connections in Table C provide for exclusion on line 1. For exclusion on line 2, connect R-Y and GN-Y exclusion key leads to terminal 3 and 4, respectively.

Note 7: Two-line pickup connections in Table C provide for ringing on line 1. For ringing on line 2, connect R and BK ringer leads to terminals 3 and 4, respectively.

Note 8: A 7-type buzzer on a 44B bracket may be substituted for the ringer as a common or private line audible signal.

Note 9: To silence ringer permanently, connect BK ringer lead to terminal K on network.

TABLE D
558C AND D LINE AND RINGER CONNECTIONS
(INSIDE WIRE CONNECTIONS)

Features (Signaling Included With All Features)										Connections to Inside Wire in Set														
Number of Lines Picked Up	Ringer in Set Used as		Turn Key Used to Cut Off				Exclusion Key Used to Cut Off				Line 1		Line 2		Signal Circuit		Exclusion Circuit		Cutoff Circuit		Com or Pvt Line Ringer Circuit		Key Equip. or Sta Busy Lamp Ckt (Notes 3, 4, and 5)	
	Line Ringer	Com or Pvt Line Ringer	Ext Sta or Ext Line Ringer	External Com or Pvt Line Ringer	Ringer in Set	Auxiliary Receiver	Ext Sta or Ext Line Ringer	Ringer in Set	Ring	Tip	S	GRD	Ring	Tip	Ring or R	Tip or B	R	B	A or BL	A1 or GRD				
																					Ring	Tip	Ring	Tip
1	•		•			•		L2	L1	8	7	5	6	3	4			9	12					
1	•				•	•		L2	L1	8	7	5	6					9	12					
1	•		•		•	•		L2	L1	8	7	5	6	3	4			9	12					
1		•	•			•		L2	L1	8	7	5	6	3	4	E1	E2	9	12					
1		•			•	•		L2	L1	8	7	5	6			E1	E2	9	12					
1		•		•	•	•		L2	L1	8	7	5	6	3	4	E1	E2	9	12					
1	•				•	•		L2	L1	8	7	5	6	3	4			9	12					
2	•					•		1	2	3	4	8	7	5	6			9	12					
2		•				•		1	2	3	4	8	7	5	6	E1	E2	9	12					
2		•					•	1	2	3	4	8	7			E1	E2	9	12					