

TELEPHONE SETS

558A, B, C, AND D TYPES

COMMON BATTERY — CONNECTIONS

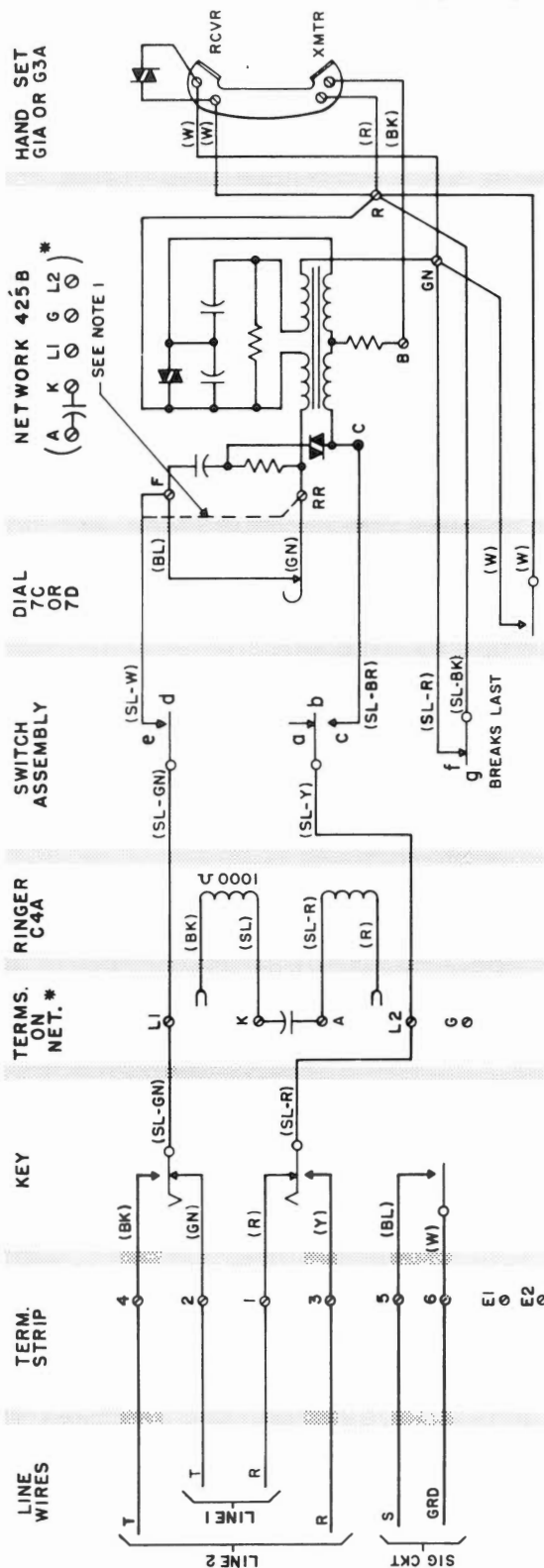


TABLE A
558A AND B LINE AND RINGER CONNECTIONS

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 Ringer	External Com or Pvt Line Ringer	Auxiliary Receiver in Set	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)

HAND SET
G1A OR G3A

NETWORK 425 B

DIAL
7G
OR
7H

SWITCH
ASSEMBLY

RINGER
C4A

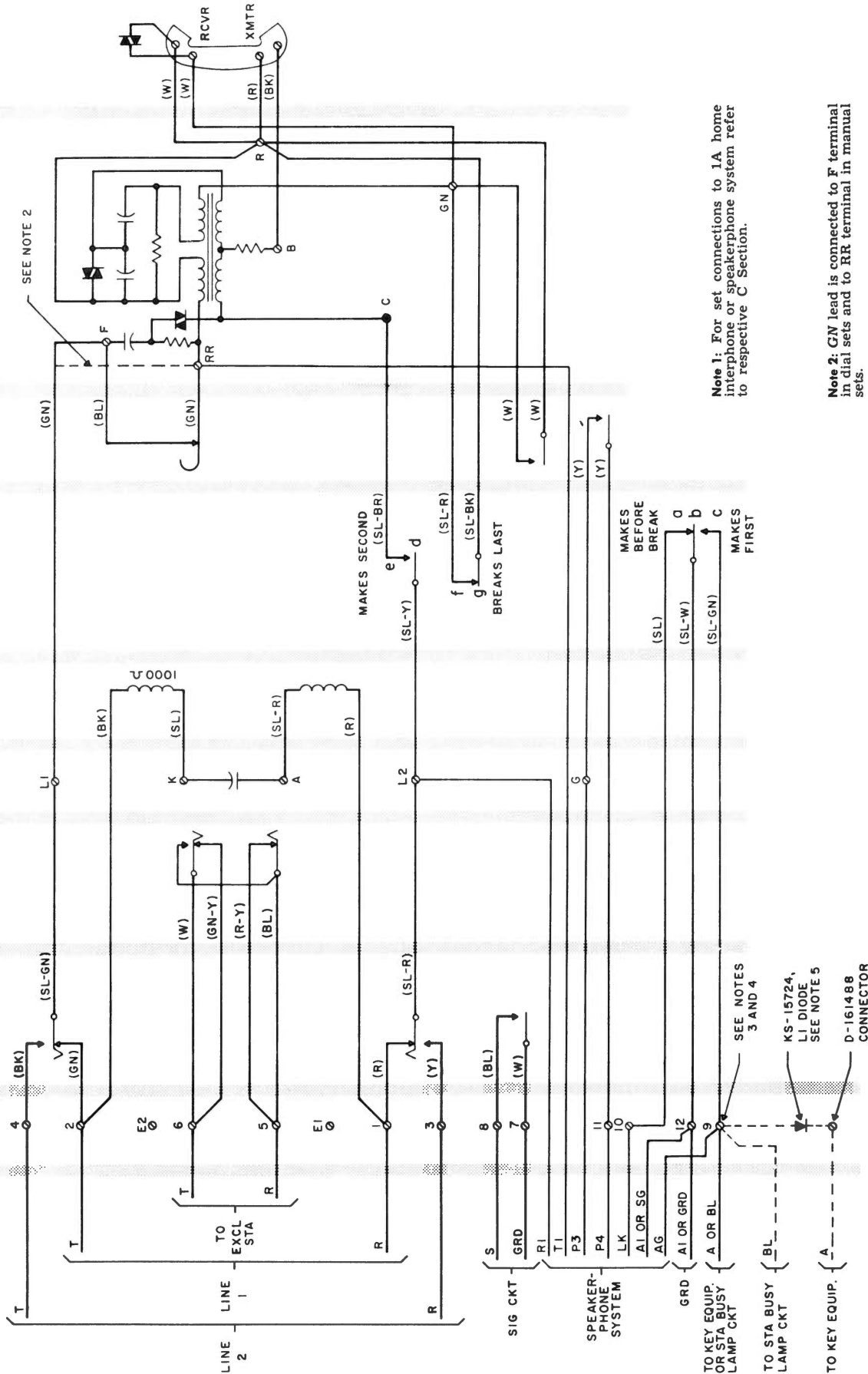
TERMS.
ON
NET.

EXCLUSION
KEY

KEY

TERM.
STRIP

LINE
WIRES
(SEE NOTE 1)



Note 1: For set connections to 1A home interphone or speakerphone system refer to respective C Section.

Note 2: GN lead is connected to F terminal in dial sets and to RR terminal in manual sets.

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

TABLE B
SPEAKERPHONE CONNECTIONS

Lead Design	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 Sto or Ringer	External Com or Pvt Line Ringer	Ringer in Set	Auxiliary Receiver	Ext Sto or Ringer												
1	1	•		•				•			L2	L1	L2	L1	5	6	L2	L1	K	A		
1	1	•			•			•			L2	L1	L2	L1	5	6	3	4	K	A		
1	1	•		•	•			•			L2	L1	L2	L1	5	6	1	2	K	A		
1	1	•		•				•			L2	L1	L2	L1	5	6	E1	E2	A	A		
1	1		•			•		•			E1	E2	L2	L1	5	6	3	4	A	A		
1	1		•		•			•			E1	E2	L2	L1	5	6	1	2	A	A		
1	1	•						•			GN	R	L2	L1	5	6	L2	L1	K	A		
2	2	•						•			L2	L1	1	2	5	6	1	2	K	A		
2	2		•					•			L2	L1	1	2	5	6	E1	E2	A	A		
2	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 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	Ext Sta or Ringer	External Com or Pvt	Line Ringer	Ringer in Set	Auxiliary Receiver	Ext Sta or Ringer	Ext Sta or Ringer	Ring	Tip	Ring	Tip	S	GRD	Ring	Tip	Ring or R	Tip or B	R	B	A or BL	A1 or GRD			
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			