

**Same terminal appears on ringer connection.

Note 1: When unusually high sidetone is experienced, transfer R STRAP from D terminal to R terminal.

Note 2: To silence ringer, connect yellow mounting cord lead to same terminal as red mounting cord lead at connecting block.

Note 3: In Tables C and D, when moving the S switchhook lead from L2 to A be sure the lead does **not** contact the metal housing of the network; otherwise, the finger stop of the desk set or finger stop and handset cradle of the wall set will be energized by ringing current.

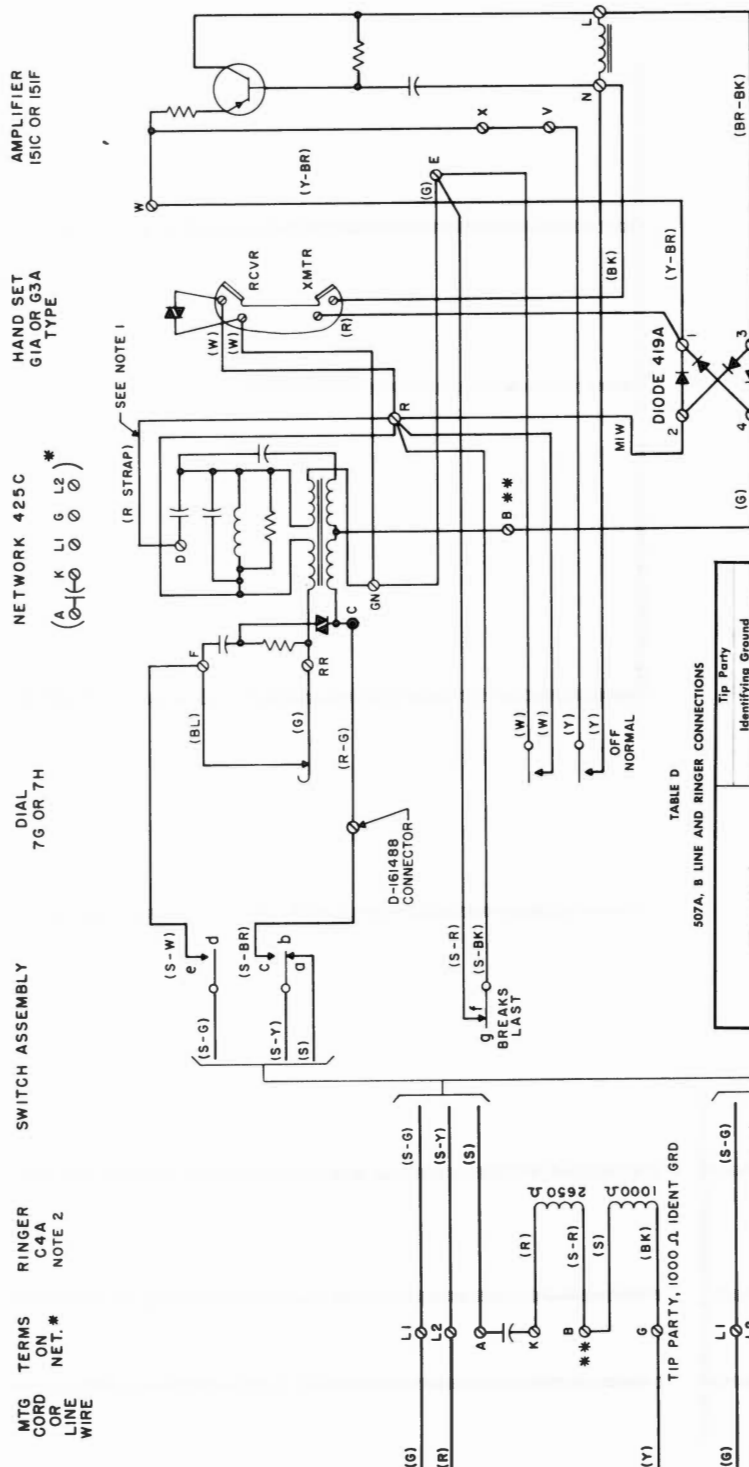


TABLE D
507A, B LINE AND RINGER CONNECTIONS

Wire or Lead	Tip Party Identifying Ground ohms	
	1000	2650
Mounting Cord In Set	R L2	L2
	G L1	L1
	Y G	G
Ringer Leads	R BK	B
	S B	K
	S-R B	G
Switchhook Leads	S A*	A
	R G	G
	G R	R
Mounting Cord at Connecting Block	Y Y	Y
	R R	R
	G G	G
Line Wire at Connecting Block	Grd Y	Y
		G
		Y

* See Note 3.

TABLE C
557A, B LINE AND RINGER CONNECTIONS

Wire or Lead	Tip Party Identifying Ground ohms	
	1000	2650
Line Wire In Set	R L1	L1
	G L2	L2
	Y G	G
Ringer Leads	R BK	B
	S B	K
	S-R B	G
Switchhook Lead	S A*	A*

* See Note 3.

TABLE E
RINGER LEAD CONNECTIONS

Tip Party Identifying Ground ohms	Ringer Lead		
	Red	Black	S-Red
1000	K	G	B
2650	B	K	K
			G

TABLE F
507A, B, 557A, B TELEPHONE SETS, MODIFICATION FOR TIP PARTY IDENTIFICATION

Lead	Remove from	Connect to
S-BR Switch Assembly	4 of 419A Diode	R-G from Network (use D-61488 connector)
R-G Network	3 of 419A Diode	S-BR Switch Assembly
BR-BK Amplifier	B Term. Network	3 of 419A Diode
G Strap	1 of 419A Diode and F Term. Network	4 of 419A Diode and B Term. Network
Y-BR Amplifier	R Term. Network	1 of 419A Diode and 2 of 419A Diode
Use M1W Cord or Equiv	R Term. Network	R Term. Network
W Dial	V Term. Amplifier	R Term. Network
R Transmitter	R Term. Network	1 of 419A Diode
S-W Switch Assembly	2 of 419A Diode	F Term. Network
S-BK Switch Assembly	X of Amplifier	R Term. Network

Fig. 2 — 507A, B; 557A, B Telephone Sets, Tip Party 1000-Ohm and 2650-Ohm Identifying Ground (Modification to Be Made in Field)

Note 1: Green varistor lead is connected to F terminal in dial sets and to RR terminal in manual sets.

Note 2: When unusually high sidetone is experienced, transfer R STRAP from D terminal to R terminal.

Note 3: Tip and ring reversed for tip party service.

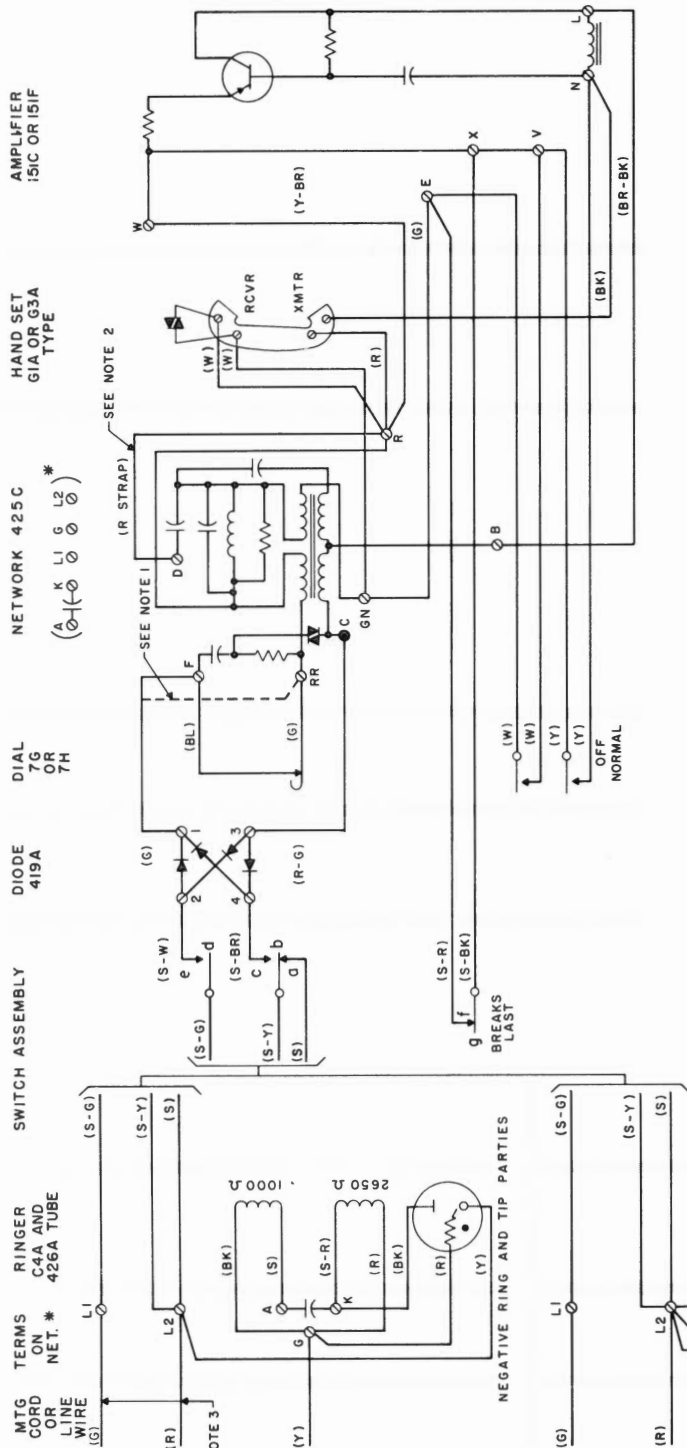


TABLE H
S09A. B LINE AND RINGER CONNECTIONS

Wire or Lead	Negative (—)		Positive (+)	
	Ring	Tip	Ring	Tip
Mounting Cord in Set	R	L ²	L ²	L ²
	G	L ¹	L ¹	L ¹
	Y	G	G	G
Ringer Lead	R	G	G	L ²
	BK	G	G	L ²
	S	A	A	A
	S-R	K	K	K
Tube Lead	R	G	L ²	L ²
	BK	K	K	K
	Y	L ²	G	G
Mounting Cord at Connecting Block	R	R	R	R
	G	R	G	R
	Y	Y	Y	Y
Line Wire at Connecting Block	R	R	R	R
	G	G	G	G
	Y	Y	Y	Y

TABLE J
TURRE LEAD CONNECTIONS FOR INDUCTIVE INTERFERENCE

Lead		Negative (-)		Positive (+)	
		Ring or Tip		Parties	
		Average	Severe	Average or	Severe
		Induc-	Non	Induction	
	R		L1	L2	
425A	G		L2	L1	
Tube	BK		K	K	
	Y		L2	G	
426A	R		L1		
Tube	BK		K		
	V		L2		

For additional information concerning inductive interference, refer to C Section entitled Inductive Noise.

To silence ringer permanently, connect yellow mounting cord lead to same terminal as red mounting cord lead at connecting block.

TABLE G
559A. B LINE AND RINGER CONNECTIONS

Wire or Lead		Negative (—)		Positive (+)	
		Ring	Tip	Ring	Tip
Line Wire in Set	R	L2	L1	L2	L1
	G	L1	L2	L1	L2
	Y	G	G	G	G
	R	G	G	L2	L2
Ringer Lead	BK	G	G	L2	L2
	S	A	A	A	A
	S-R	K	K	K	K
	R	G	G	L2	L2
Tube Lead	BK	K	K	K	K
	R	K	K	K	K
	Y	L2	L2	G	G

Fig. 3—509A, B; 559A, B Telephone Sets