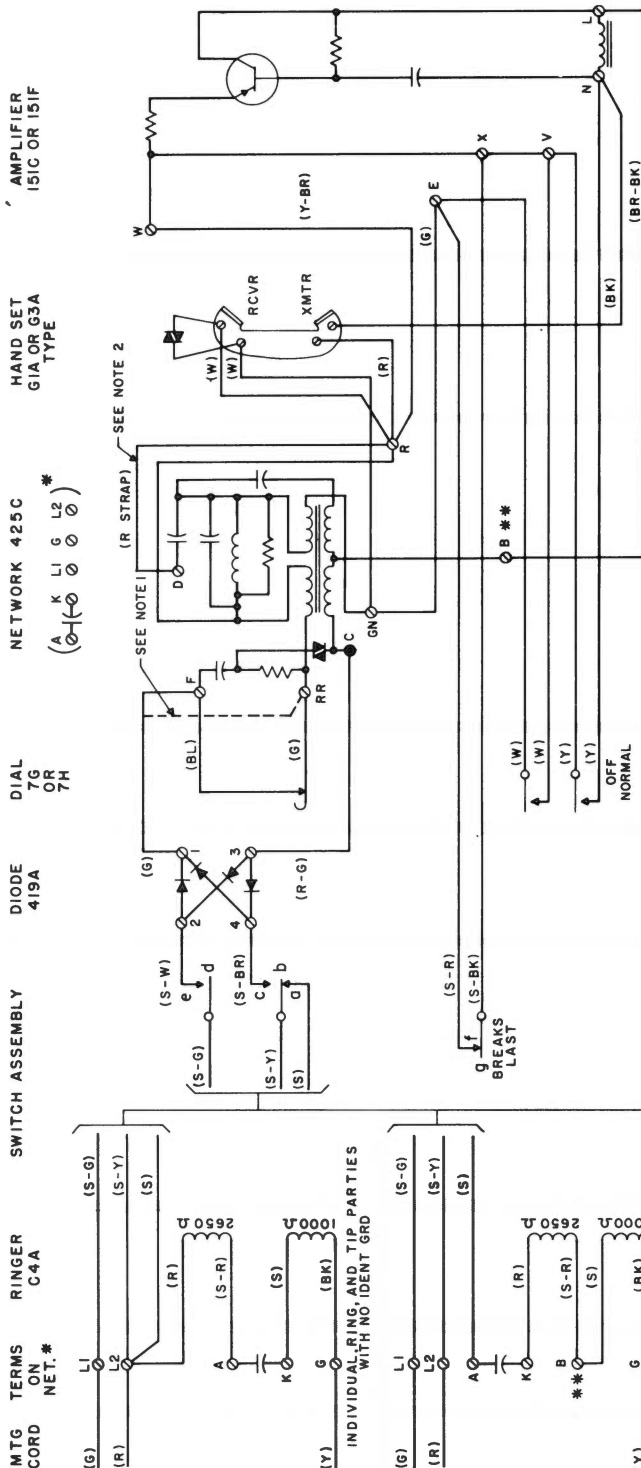


TELEPHONE SETS—507A, B; 509A, B; 557A, B; AND 559A, B
(AMPLIFIER SETS FOR LONG LOOPS) COMMON BATTERY — CONNECTIONS



** Same terminal appears on ringer connection.

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.

TABLE A

LINE AND RINGER CONNECTIONS

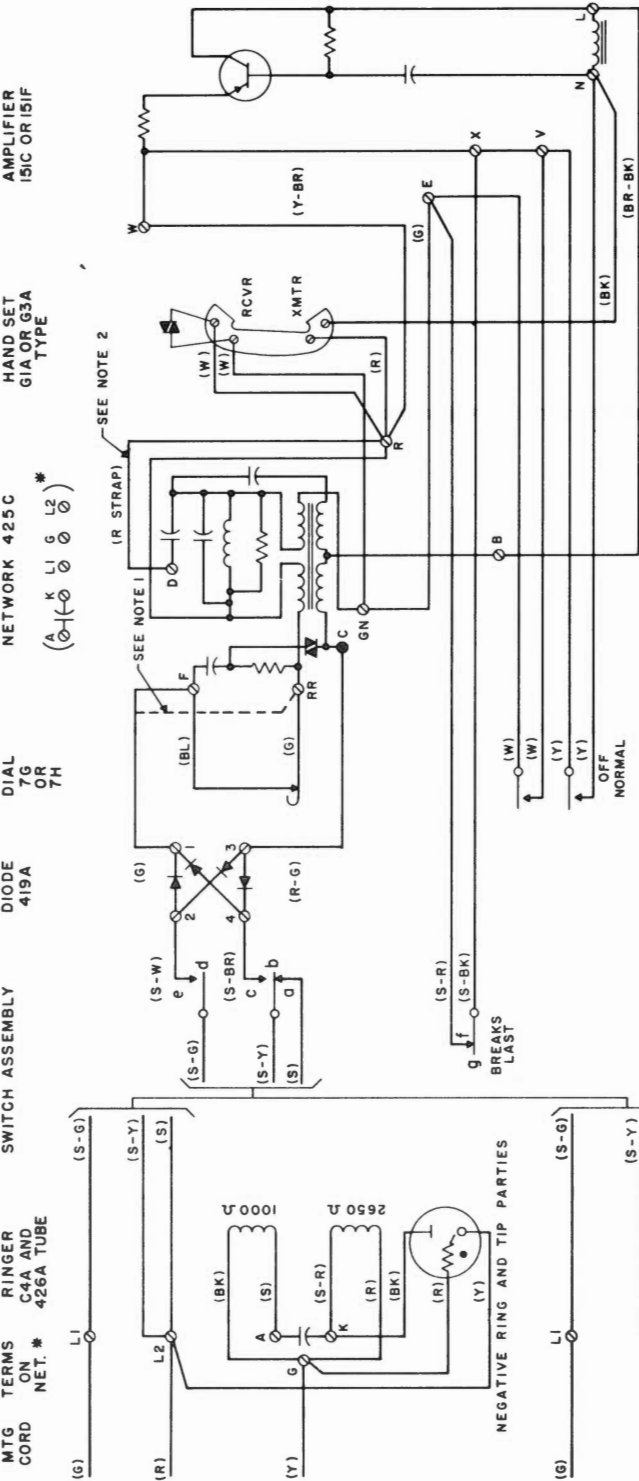
Wire or Lead	Indi-vidual or Bridged	Ring Party	Tip Party	
			No Ident Grd	Identifying Ground ohms
Mounting Cord in Set	R	L2	L2	1000
	G	L1	L1	2650
	Y	G	G	
Ringer Leads	R	L2	L2	K
	BK	G	G	B
	S	K	K	B
Switchhook Leads	S-R	A	A	B
	S	L2	L2	A
	R	R	R	G
Mounting Cord at Connecting Block	G	G	R	R
	Y	Y	Y	Y
	R	R	R	R
Line Wire at Connecting Block	R	G	G	G
	Tip	Y	Y	Y
	Grd	Y	Y	Y

TABLE B
RINGER LEAD CONNECTIONS
TO SILENCE RINGER PERMANENTLY

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

For all classes of service except those listed above:
Connect yellow mounting cord lead to same terminal as red mounting cord lead at connecting block.

507A, B TELEPHONE SET



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.

TABLE C
LINE AND RINGER CONNECTIONS

Wire or Lead	Negative (-) Parties		Positive (+) Parties	
	Ring	Tip	Ring	Tip
Mounting Cord in Set	R	L2	L2	L2
	G	L1	L1	L1
	Y	G	G	G
Ringer Lead	R	G	G	L2
	BK	G	L2	L2
	S	A	A	A
Tube Lead	S-R	K	K	K
	R	G	L2	L2
	BK	K	K	K
Mounting Cord at Connecting Block	Y	L2	G	G
	R	R	R	R
	G	G	G	G
Line Wire at Connecting Block	Y	Y	Y	Y
	R	R	R	R
	G	G	G	G

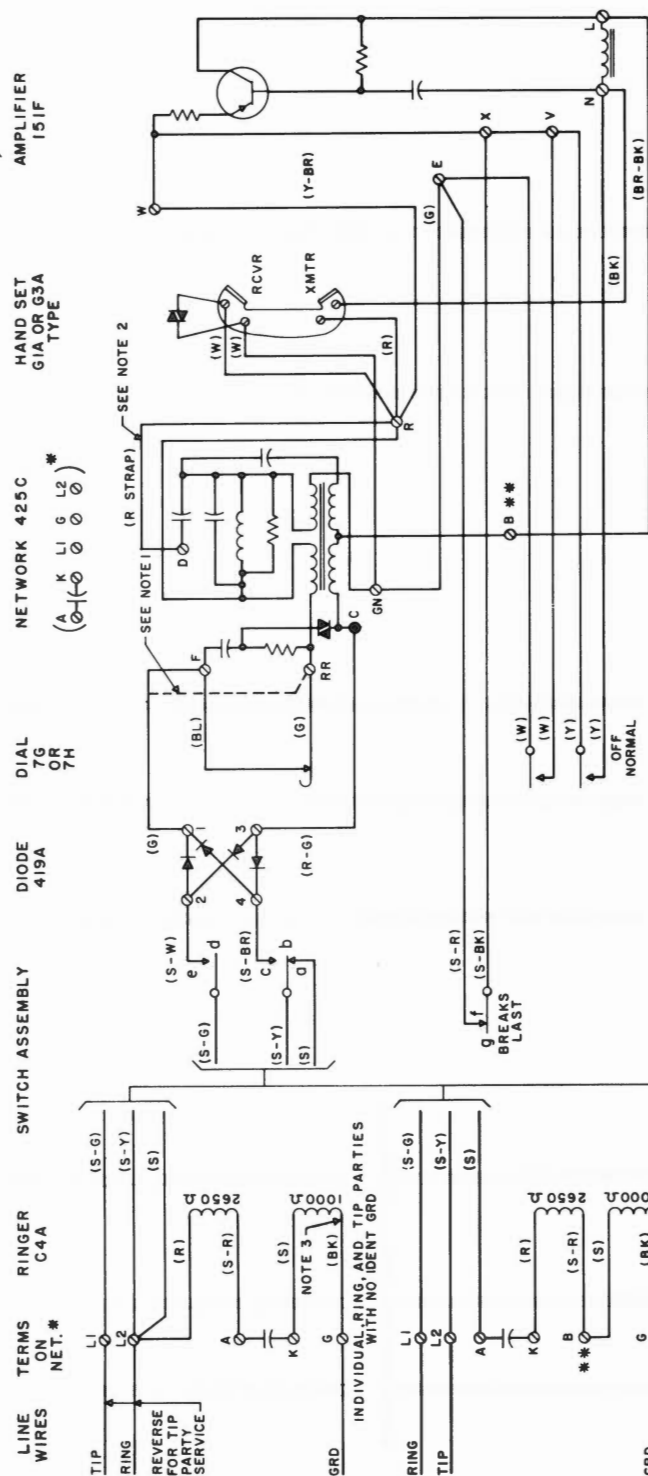
TABLE D
TUBE LEAD CONNECTIONS FOR INDUCTIVE INTERFERENCE

Lead	Negative (-) Parties		Positive (+) Parties	
	Average Induction	Severe Induction	Average Induction	Severe Induction
425A Tube	R	L1	L1	L2
	G	L2	L2	L1
	BK	K	K	K
426A Tube	Y	L2	L2	G
	R	L1	L1	L2
	BK	K	K	K

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.

509A, B TELEPHONE SET



** Same terminal appears on ringer connection.

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

Note 3: For individual or bridged service, connect black ringer lead to L1 terminal.

TABLE E
LINE AND RINGER CONNECTIONS

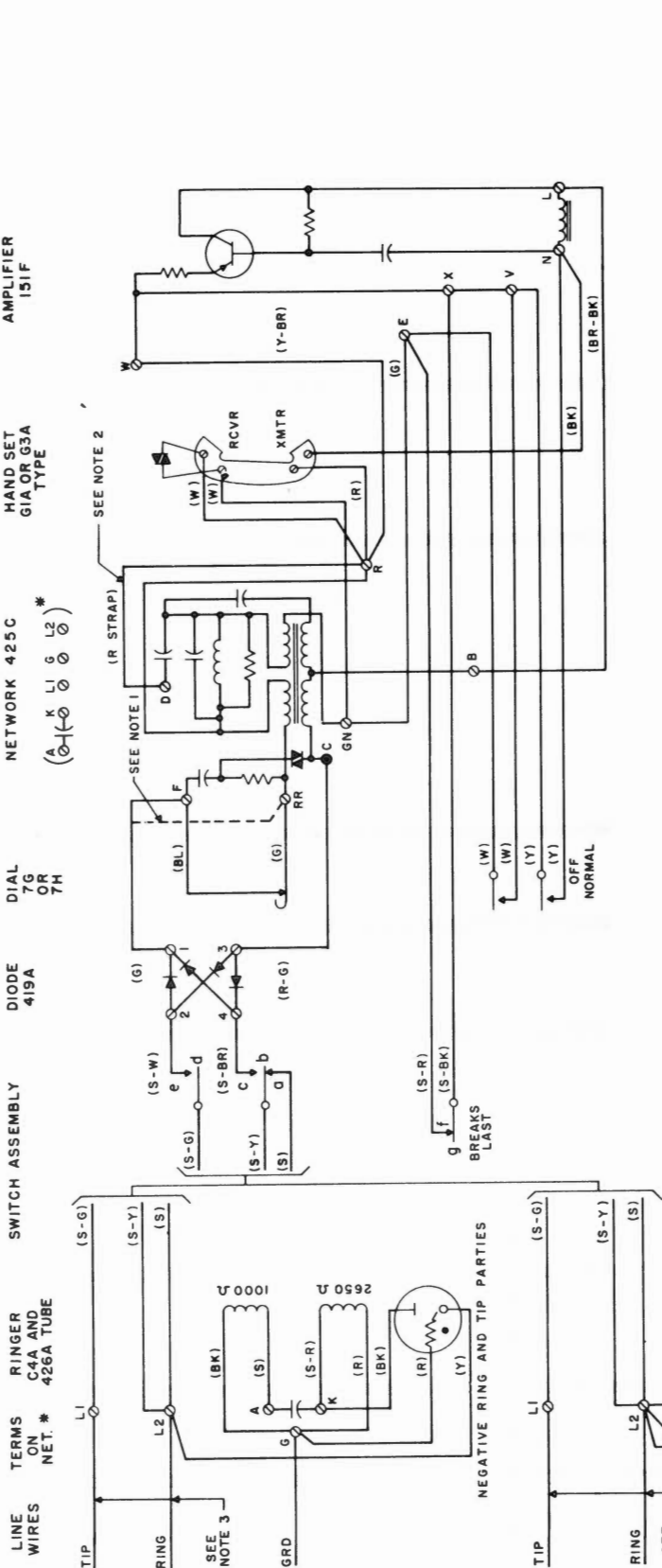
Wire or Lead	Indi- vidual or Bridged	Ring Party	Tip Party Identifying Ground ohms			
			No Ident Grd	1000	2650	
Line Wire in Set	R	L2	L1	L1	L1	
	G	L1	L2	L2	L2	
	Y	G	G	G	G	
Ringer Leads	R	L2	L2	K	B	
	BK	L1	G	G	B	
	S	K	K	B	K	
Switchhook Lead	SR	A	A	B	G	
	S	L2	L2	A	A	

TABLE F
RINGER LEAD CONNECTIONS
TO SILENCE RINGER PERMANENTLY

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

For all classes of service except those listed above:
(Connect slate and black ringer leads on K terminal of 425C network.)

557A, B TELEPHONE SET



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
TUBE LEAD CONNECTIONS FOR INDUCTIVE INTERFERENCE

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

For additional information concerning inductive interference, refer to C Section entitled Inductive Noise.
To silence ringer permanently, terminate red and black ringer leads on K terminal of 425C network.

TABLE G
LINE AND RINGER CONNECTIONS

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

559A, B TELEPHONE SET