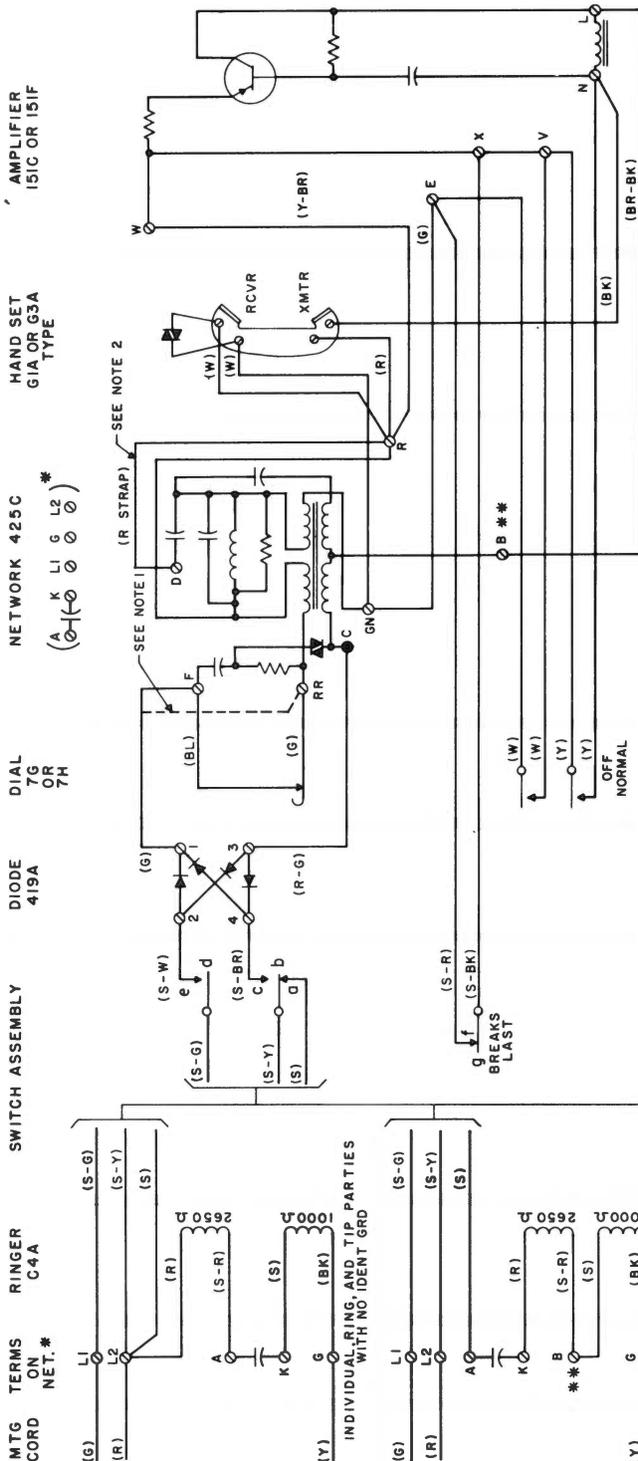


TELEPHONE SETS—507A, B; 509A, B; 557A, B; AND 559A, B
(AMPLIFIER SETS FOR LONG LOOPS) COMMON BATTERY — CONNECTIONS



** 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 sidestone is experienced, transfer R STRAP from D terminal to R terminal.

TABLE A
LINE AND RINGER CONNECTIONS

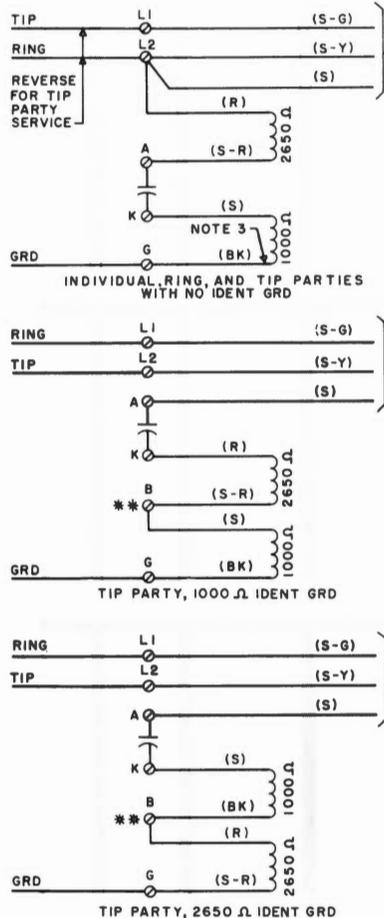
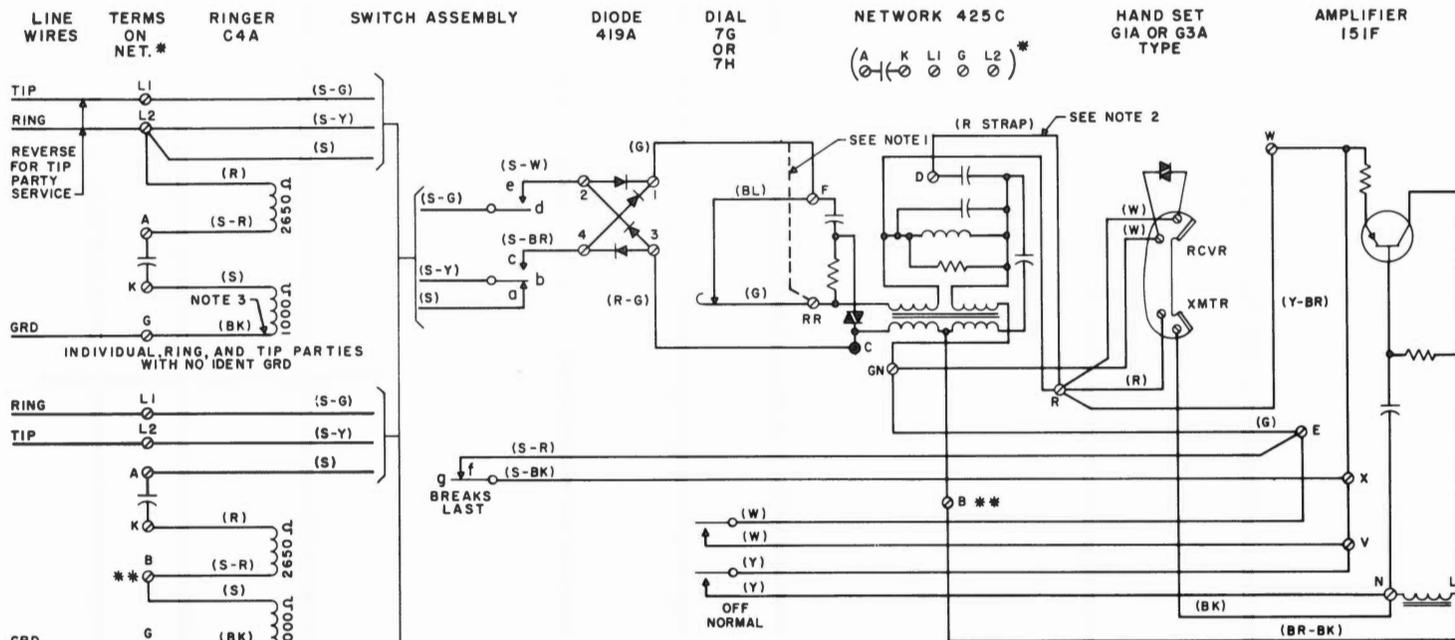
Wire or Lead	Individual or Bridged	Ring Party	Tip Party	
			No Ident Grd	Identifying Ground ohms
Mounting Cord in Set	R	L2	L2	1000
	G	L1	L1	2650
	Y	G	G	
Ringer Leads	R	L2	L2	K
	BK	G	G	B
	S	K	K	K
Switchhook Leads	S-R	A	A	B
	S	L2	L2	A
Mounting Cord at Connecting Block	R	R	R	G
	G	G	G	R
Line Wire at Connecting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



** 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.

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

TABLE E
LINE AND RINGER CONNECTIONS

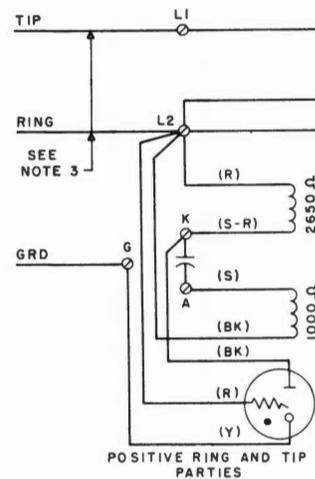
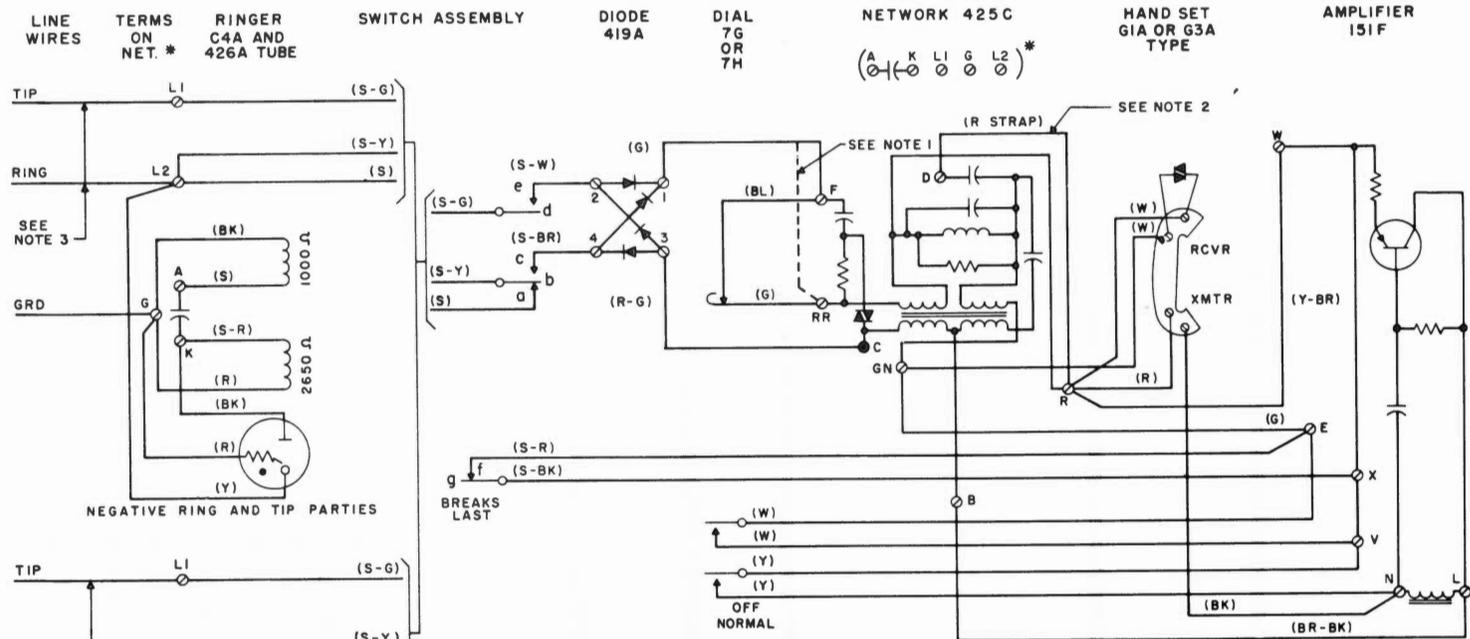
Wire or Lead	Individual or Bridged	Ringer Party	Tip Party			
			No Ident Grd	Identifying Ground		
				1000	2650	
Line Wire in Set	R	L2	L2	L1	L1	L1
	G	L1	L1	L2	L2	L2
	Y	G	G	G	G	G
Ringer Leads	R	L2	L2	L2	K	B
	BK	L1	G	G	G	B
	S	K	K	K	B	K
Switchhook Lead	SR	A	A	A	B	G
	S	L2	L2	L2	A	A

TABLE F
RINGER LEAD CONNECTIONS TO SILENCE RINGER PERMANENTLY

Tip Party Identifying Ground	Ringer Lead				
	ohms	Red	Black	Slate	S-Red
1000	K	G	B	K	
2650	B	K	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 G
LINE AND RINGER CONNECTIONS

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

TABLE H
TUBE LEAD CONNECTIONS FOR INDUCTIVE INTERFERENCE

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

559A, B TELEPHONE SET