

TELEPHONE SETS—500U AND 501U  
(ILLUMINATED DIAL AND NIGHT LIGHT) — COMMON BATTERY — CONNECTIONS

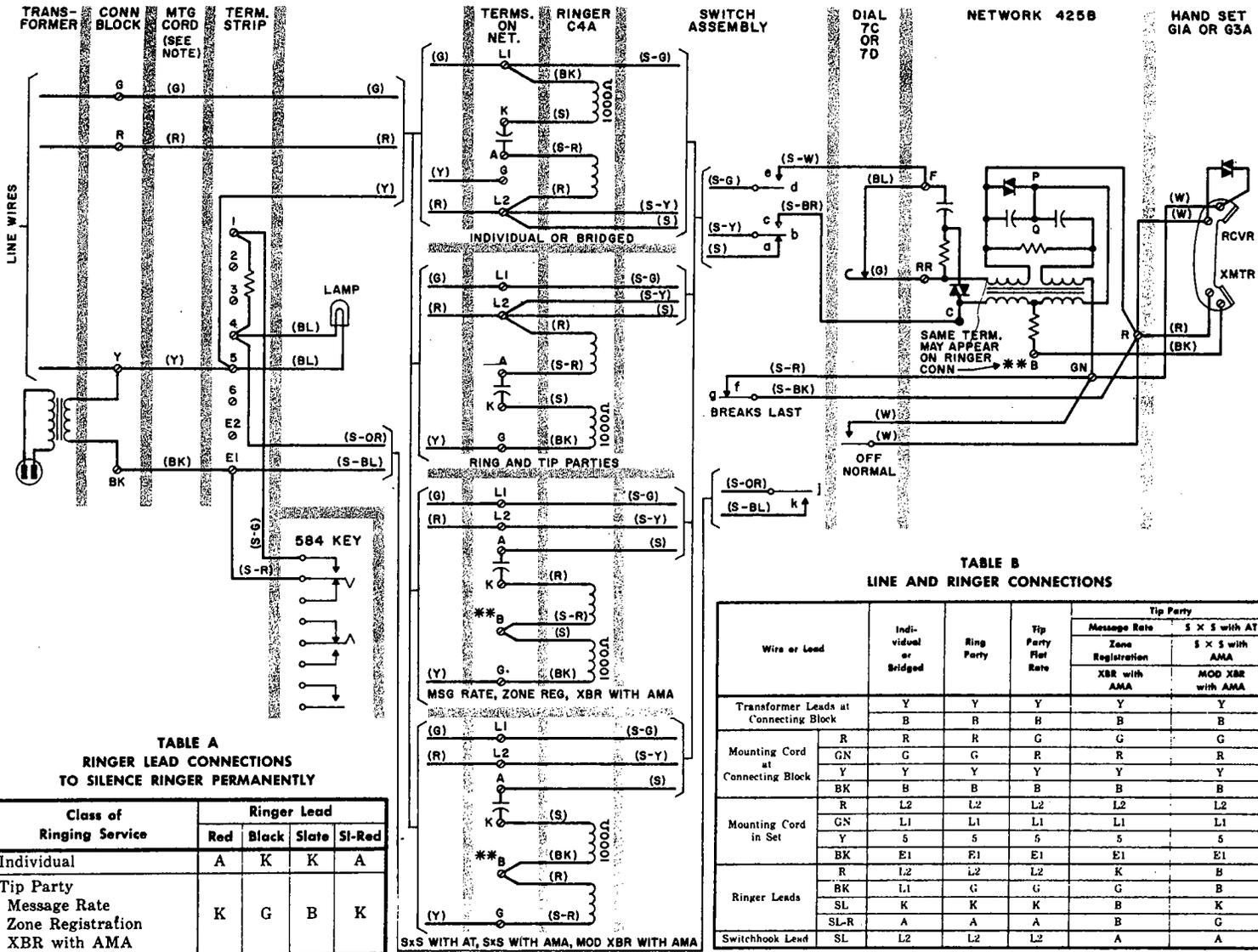


TABLE A  
RINGER LEAD CONNECTIONS  
TO SILENCE RINGER PERMANENTLY

Class of Ringing Service	Ringer Lead			
	Red	Black	Slate	SI-Red
Individual	A	K	K	A
Tip Party Message Rate Zone Registration XBR with AMA	K	G	B	K
Tip Party S×S with AT S×S with AMA MOD XBR with AMA	B	K	K	G
For all classes of service except those listed above: Connect yellow strap to terminal 6 instead of terminal 5 on terminal strip.				

TABLE B  
LINE AND RINGER CONNECTIONS

Wire or Lead	Individual or Bridged	Ring Party	Tip Party Flat Rate	Tip Party	
				Zone Registration	S × S with AT
				XBR with AMA	MOD XBR with AMA
Transformer Leads at Connecting Block	Y	Y	Y	Y	Y
	B	B	B	B	B
Mounting Cord at Connecting Block	R	R	G	G	G
	GN	G	R	R	R
	Y	Y	Y	Y	Y
	BK	B	B	B	B
Mounting Cord in Set	R	L2	L2	L2	L2
	GN	L1	L1	L1	L1
	Y	5	5	5	5
	BK	E1	E1	E1	E1
Ringer Leads	R	L2	L2	K	B
	BK	L1	G	G	B
	SL	K	K	B	K
	SL-R	A	A	A	G
Switchhook Lead	SL	L2	L2	A	A

Note: Do not use 25-foot mounting cord because the added resistance may be too high for adequate illumination of lamp.

Fig. 1 — 500U Telephone Set

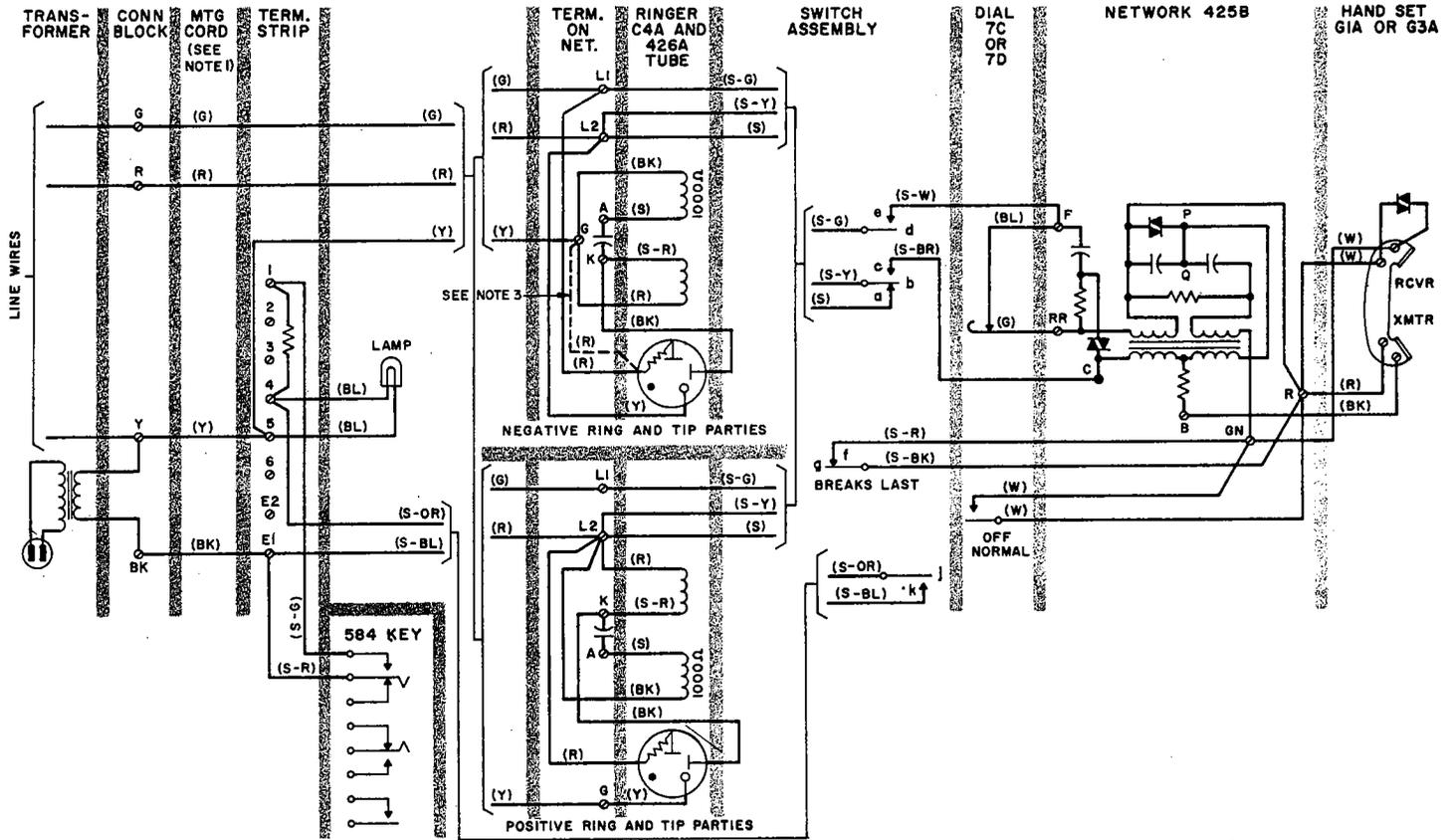


TABLE C  
INDUCTIVE INTERFERENCE REDUCTION  
TUBE LEAD CONNECTIONS

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

*Note 1:* Do not use 25-foot mounting cord because the added resistance may be too high for adequate illumination of lamp.

*Note 2:* To silence ringer permanently, connect yellow strap to terminal 6 instead of terminal 5 on terminal strip.

*Note 3:* If not equipped for ANI, R lead may be connected to ground if ringing is marginal.

Fig. 2 - 501U Telephone Set

TABLE D  
LINE, RINGER, AND TUBE CONNECTIONS

Wire or Lead	Negative (-) Parties		Positive (+) Parties	
	Ring	Tip	Ring	Tip
Transformer Leads at Connecting Block	Y	Y	Y	Y
	B	B	B	B
Mounting Cord at Connecting Block	R	R	R	G
	GN	G	R	R
	Y	Y	Y	Y
	BK	B	B	B
Mounting Cord in Set	R	L2	L2	L2
	GN	L1	L1	L1
	Y	5	5	5
	BK	E1	E1	E1
Ringer Leads (See Note 2)	R	L1	L1	L2
	BK	G	G	L2
	SL	A	A	A
	SL-R	K	K	K
Tube Leads	R	G	G	L2
	BK	K	K	K
	Y	L2	L2	G