

## SERVICE

### 501C/D AND 501CM/DM TELEPHONE SETS

#### 1. GENERAL

1.01 Reissued to revise Tables A and B.

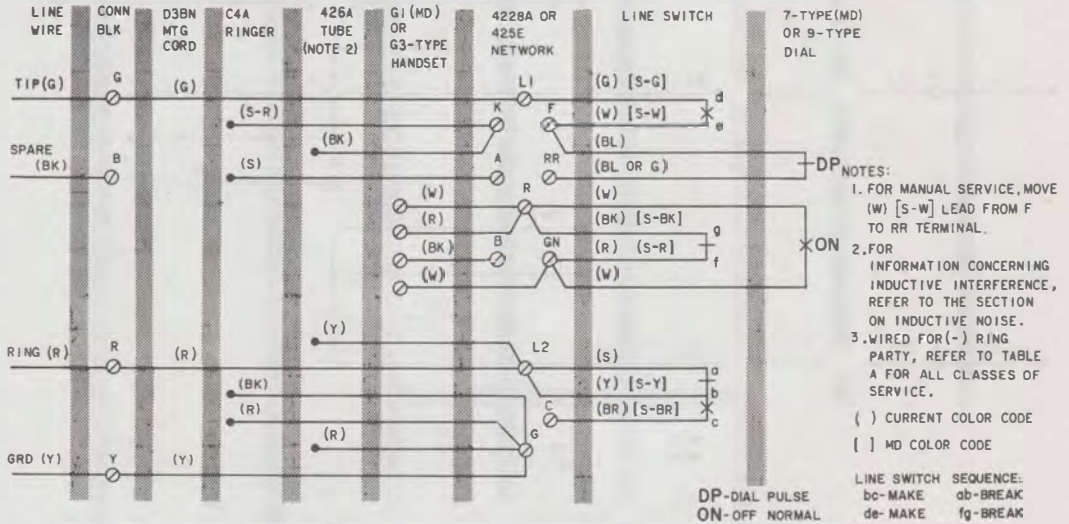
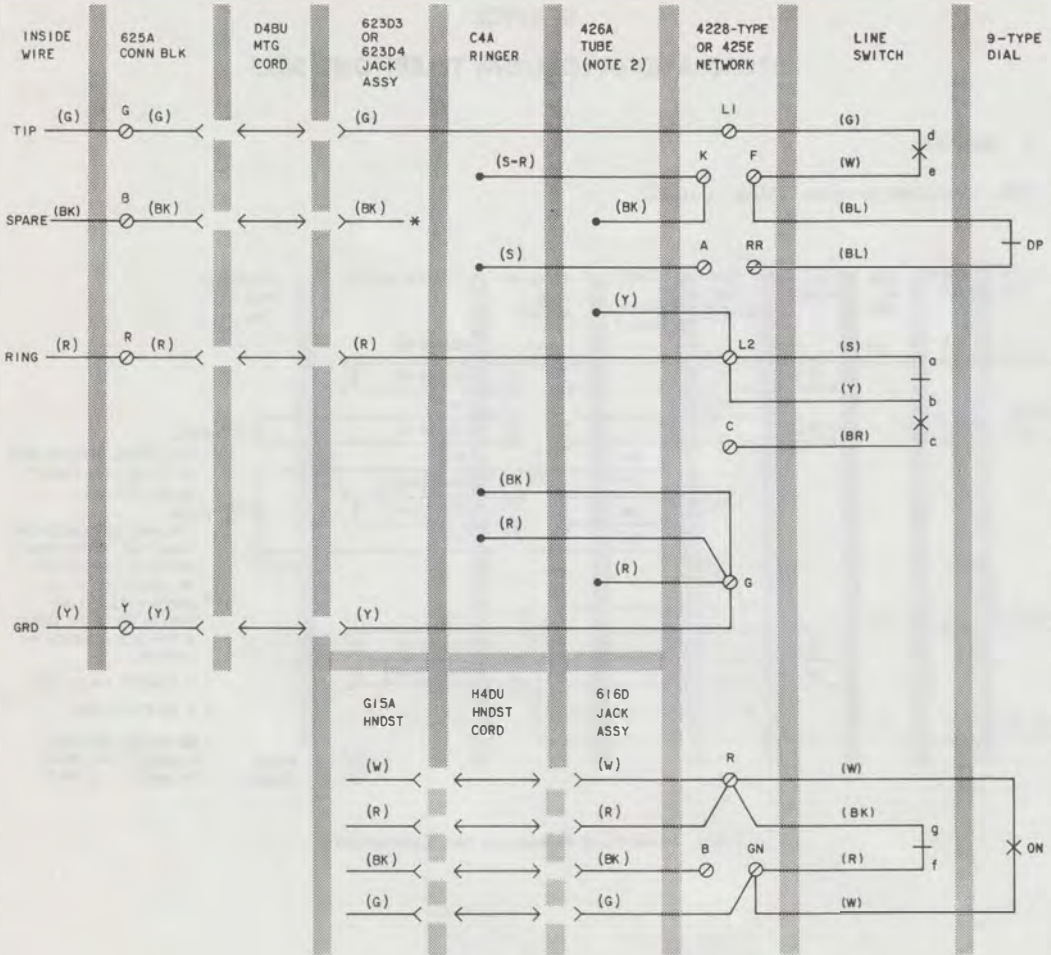


Fig. 1—501C/D Telephone Set, Connections

#### NOTICE

Not for use or disclosure outside the Bell System except under written agreement



## NOTES:

- FOR MANUAL SERVICE, MOVE (w) LEAD FROM F TO RR TERMINAL.
- REFER TO THE SECTION ON INDUCTIVE NOISE FOR INFORMATION ON INDUCTIVE INTERFERENCE.
- SET IS FACTORY WIRED FOR NEGATIVE RING PARTY. SEE TABLE B FOR ALL CLASSES OF SERVICE.
- LINE SWITCH OFF-HOOK SEQUENCE:
 

(1) bc MAKES	(3) ab BREAKS
(2) de MAKES	(4) fg BREAKS

## LEGEND:

- \* INSULATED AND STORED
- DP DIAL PULSE
- ON OFF-NORMAL

Fig. 2—501CM/DM Telephone Set, Connections

◆ TABLE A ◆

501C/D TELEPHONE SET—LINE, RINGER,  
AND TUBE CONNECTIONS

WIRE OR LEAD	COLOR	(-) RING PARTY (1-5)	(-) TIP PARTY (2-6)	(+) RING PARTY (3-7)	(+) TIP PARTY (4-8)
Line Wire at Conn Block	Ring	(R)	R	R	R
	Tip	(G)	G	G	G
	GRD	(Y)	Y	Y	Y
	Spare	(BK)	B	B	B
Mtg Cord at Conn Block	(R)	R	G	R	G
	(G)	G	R	G	R
	(Y)	Y	Y	Y	Y
Mtg Cord in Set	(R)	L2	L2	L2	L2
	(G)	L1	L1	L1	L1
	(Y)	G	G	G	G
Ringer Leads	(R)	G	G	L2	L2
	(BK)	G	G	L2	L2
	(S)	A	A	A	A
	(S-R)	K	K	K	K
426A Tube (3-Element)	(R)	G	G	L2	L2
	(BK)	K	K	K	K
	(Y)	L2	L2	G	G

**Note:** To silence ringer permanently, connect (Y) mounting cord lead to same terminal as (R) mounting cord lead at the connecting block.

◆ TABLE B ◆

501CM/DM TELEPHONE SET—LINE, RINGER  
AND TUBE CONNECTIONS

WIRE OR LEAD		COLOR	(-) RING PARTY (1-5)	(-) TIP PARTY (2-6)	(+) RING PARTY (3-7)	(+) TIP PARTY (4-8)
Line Wire at Conn Block	Ring	(R)	R	R	R	R
	Tip	(G)	G	G	G	G
	GRD	(Y)	Y	Y	Y	Y
	Spare	(BK)	B	B	B	B
623D Jack Conductors in Set		(R)	L2	L1	L2	L1
		(G)	L1	L2	L1	L2
		(Y)	G	G	G	G
		(BK)	*	*	*	*
Ringer Leads		(R)	G	G	L2	L2
		(BK)	G	G	L2	L2
		(S)	A	A	A	A
		(S-R)	K	K	K	K
426A Tube (3-Element)		(R)	G	G	L2	L2
		(B)	K	K	K	K
		(Y)	L2	L2	G	G

\* Insulate and store.

*Note:* To silence ringer permanently, insulate and store (Y) lead of the 623D jack.