

# SERVICE

## 750-TYPE TELEPHONE SET

### 1. GENERAL

#### 1.01 Reissued to:

- Revise figures

- Revise Table A.

### NOTICE

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**TABLE A**  
**750A, B (MD) (LATEST MODEL) AND 750AM, BM TELEPHONE SETS LINE, RINGER, AND 426A TUBE**  
**CONNECTIONS (FIG. 1 AND 2)**

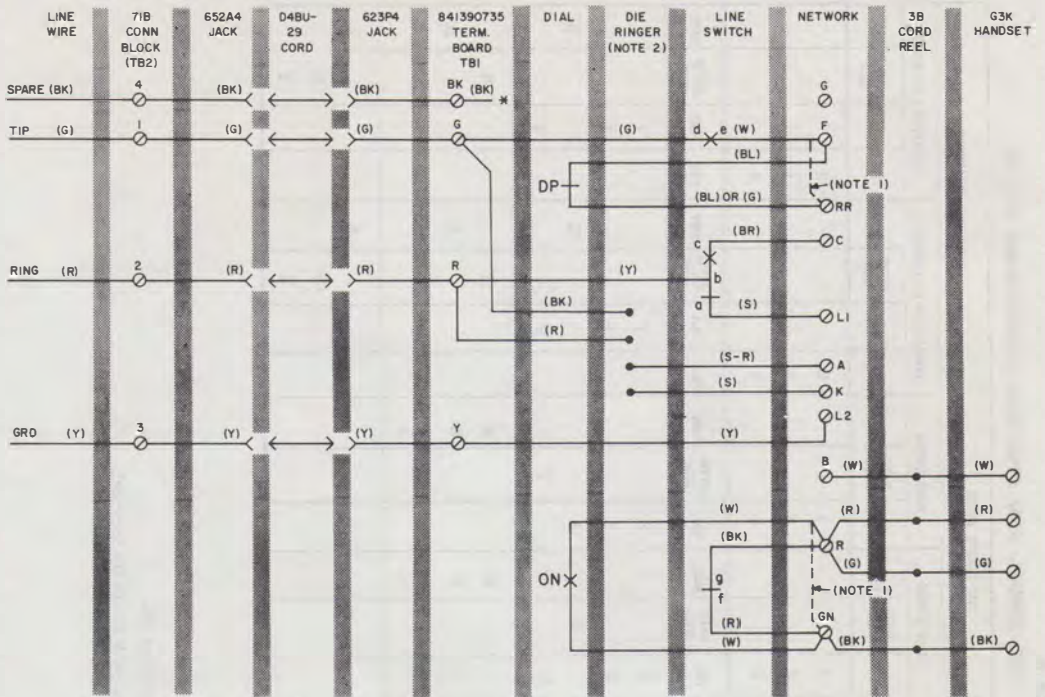
WIRE OR LEAD		COLOR	INDIV OR BRIDGED (FACTORY WIRING)		RING PARTY		TIP PARTY		TIP PARTY WITH IDENT. GRD						SELECTIVE RINGING (Note 1)					
									1000 OHMS			2650 OHMS			NEGATIVE (-) RING			POSITIVE (+) RING		
									TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	MTG BLK	NET.
CO Line at 71B Conn Block	Ring Tip	R	2		2		1					1			2			2		
	GRD	G	1		1		2					2			1			1		
	Y	Y	3*		3		3					3			3			3		
	Spare	BK	4		4		4					4			4			4		
Ringer Leads (Note 2)		R BK S S-R		R† G† K A		R† L2 K A		R† L2 K A				K L2 B B			B B K L2			L2 L2 K A		R R K A
Line Switch		S		L1		L1		L1				A			A			L1		L1
426A Tube (3-Element)		BK R Y															GN R	A		R A L2
Strap		Y	Y† to L2		Y† to L2		Y† to L2		Y† to L2			Y† to L2			Y† to L2			Y† to L2		

\* Ground may be omitted, if not required for service.

†Terminals are on 814313946 (P-43A394) mounting block (750A/B) or 841390735 TB1 terminal block (750AM/BM)

**Notes:**

1. For tip stations reverse tip and ring at connecting block.
2. To silence ringer permanently, refer to appropriate ringer practice in Division 501.



NOTES:

1. DASHED LINES INDICATE CONNECTIONS FOR MANUAL SERVICE, DIAL REMAINS ON SET.

2. FACTORY WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE.

\* - INSULATE AND STORE

DP - DIAL PULSE

ON - OFF NORMAL

Fig. 1—750AM and BM Telephone Sets, Connections

**TABLE B**  
**750A AND B (MD) TELEPHONE SETS (LATER MODELS) LINE, RINGER, AND 426A TUBE CONNECTIONS (FIG. 3)**

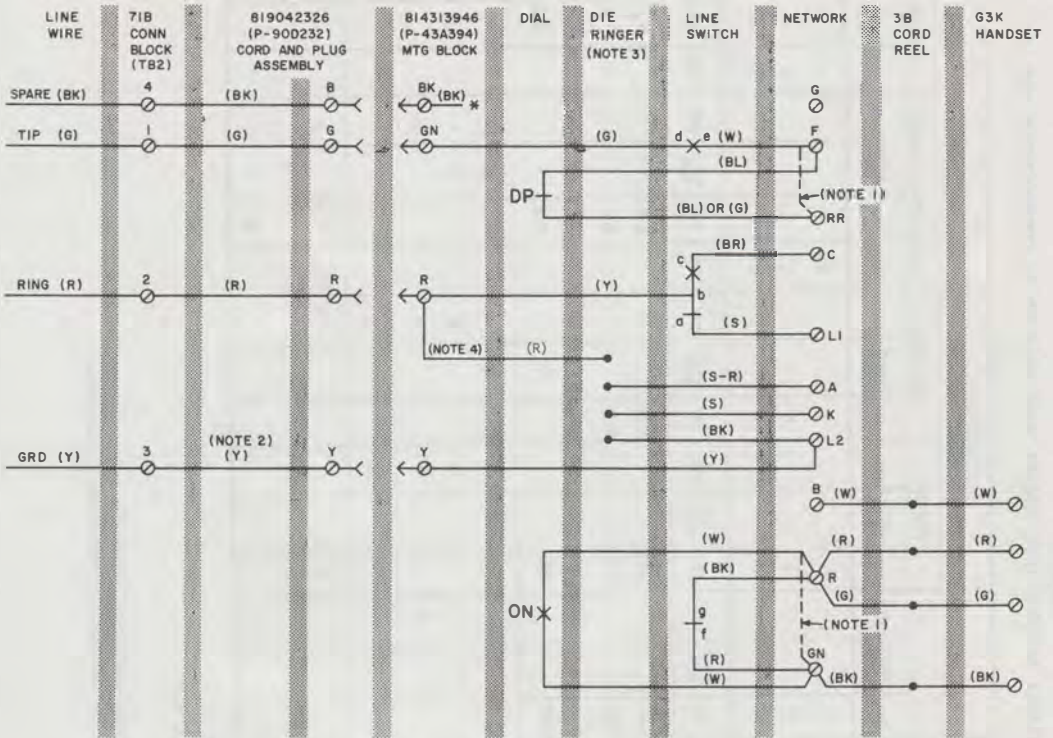
WIRE OR LEAD		COLOR	INDIVIDUAL OR BRIDGED (FACTORY WIRING)			RING PARTY			TIP PARTY			TIP PARTY WITH IDENTIFICATION GROUND						SELECTIVE RINGING							
												1000 OHMS			2650 OHMS			NEGATIVE (-) RING†			POSITIVE (+) RING†				
			TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.
CO Line at 71B Conn Block	Ring	R	2			2			1			1			1			2			2				
	Tip	G	1			1			2			2			2			1			1				
	GRD	Y	3*			3			3			3			3			3			3				
Ringer Leads (Note 1)			TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.
	R		R			R			R			2			2				1				1		
	BK	1			1			1			2			2				1				1			
	S			K		K			K		Y			1			K								K
S-R	2			2			2			1			Y				2				2				
TB1 Straps (Note 2)	BK		GN			Y			Y					K			K			Y				R	
	S-R			A		A			A					B			B				A				A
Line Switch	S		R			R			R					A			A								
426A Tube (3-Element)	BK																				A				A
	R																			GN				R	
	Y																			R			Y		

\* Ground may be omitted if not required for service.

† For tip party, reverse (R) and (G) mounting cord leads at TB2.

Notes:

1. To silence ringer permanently, refer to appropriate ringer practice in Division 501.
2. One end of straps permanently soldered to TB1, other end equipped with spade tip terminal.



## NOTES:

1. DASHED LINES INDICATE CONNECTIONS FOR MANUAL SERVICE, DIAL REMAINS ON SET.
2. GROUND MAY BE OMITTED IF NOT REQUIRED FOR SERVICE.
3. FACTORY WIRED FOR RING PARTY. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE.
4. PRIOR TO 2-74, RINGER LEAD WAS CONNECTED TO L1

\* -INSULATE AND STORE

DP-DIAL PULSE

ON-OFF NORMAL

Fig. 2—750A and B (MD) Telephone Sets, Connections (Latest Models)

**TABLE C**  
**750A AND B (MD) TELEPHONE SETS (EARLY MODELS) LINE, RINGER, AND 426A TO BE CONNECTIONS (FIG. 4)**

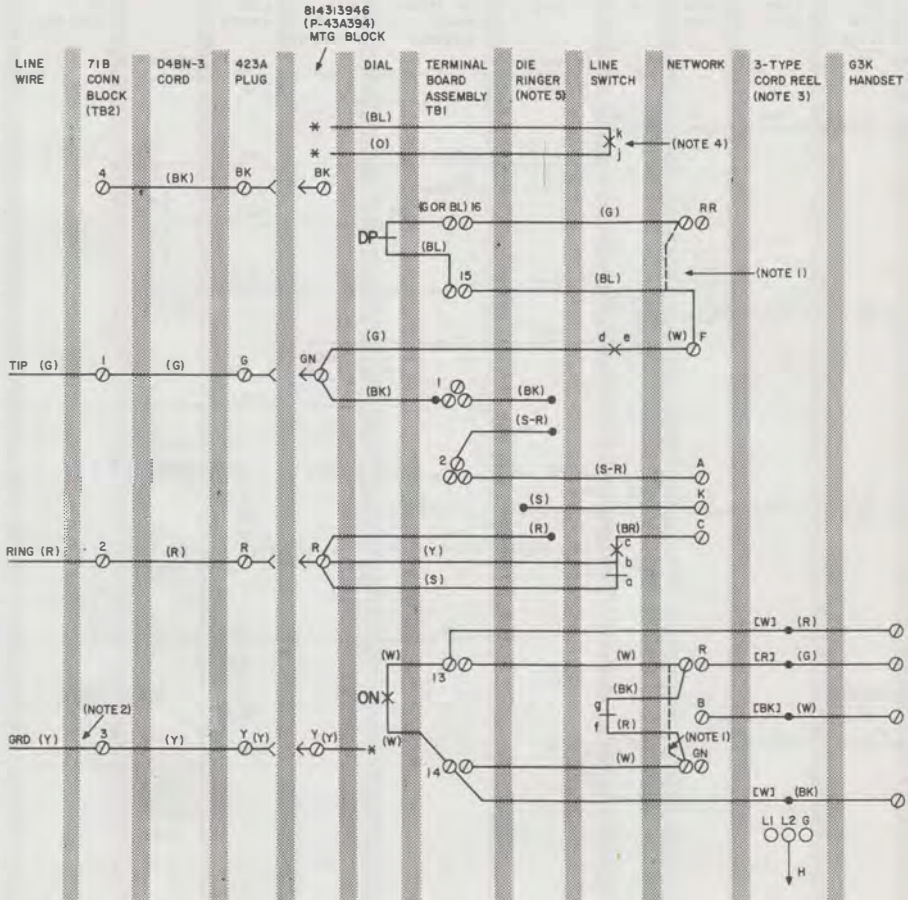
WIRE OR LEAD	COLOR	INDIVIDUAL OR BRIDGED (FACTORY WIRING)			RING PARTY			TIP PARTY			TIP PARTY WITH IDENTIFICATION GROUND						SELECTIVE RINGING									
		TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	1000 OHMS			2650 OHMS			NEGATIVE (-) RING†				POSITIVE (+) RING†					
											TB2	MTG BLK	NET.	TB2	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.		
CO Line at 71B Conn Block	Ring	R	2			2			1			1				1			2				2			
	Tip	G	1			1			2			2				2			1				1			
	GRD	Y	3*			3			3			3				3			3				3			
Ringer Leads (Note 1)			TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB1	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.	TB2	TB1	MTG BLK	NET.	
	R	R				R			R			S-R			S-R				BK				R			
	BK	BK				BK			BK			S-R			S-R				BK				BK			
	S				K			K			K	Y			BK							K				K
TB1 Straps (Note 2)	R		R			R			R			R			R					R				R		
	BK		GN			Y			Y						K					Y				R		
	S-R			A				A			A			B								A				A
Line Switch	S		R					R						A												
426A Tube (3-Element)	BK																									A
	R																									BK
	Y																		R							Y

\* Ground may be omitted if not required for service.

† For tip party, reverse (R) and (G) mounting cord leads at TB2.

**Notes:**

1. To silence ringer permanently, refer to appropriate ringer practice in Division 501.
2. One end of straps permanently soldered to TB1, other end equipped with spade tip terminal.

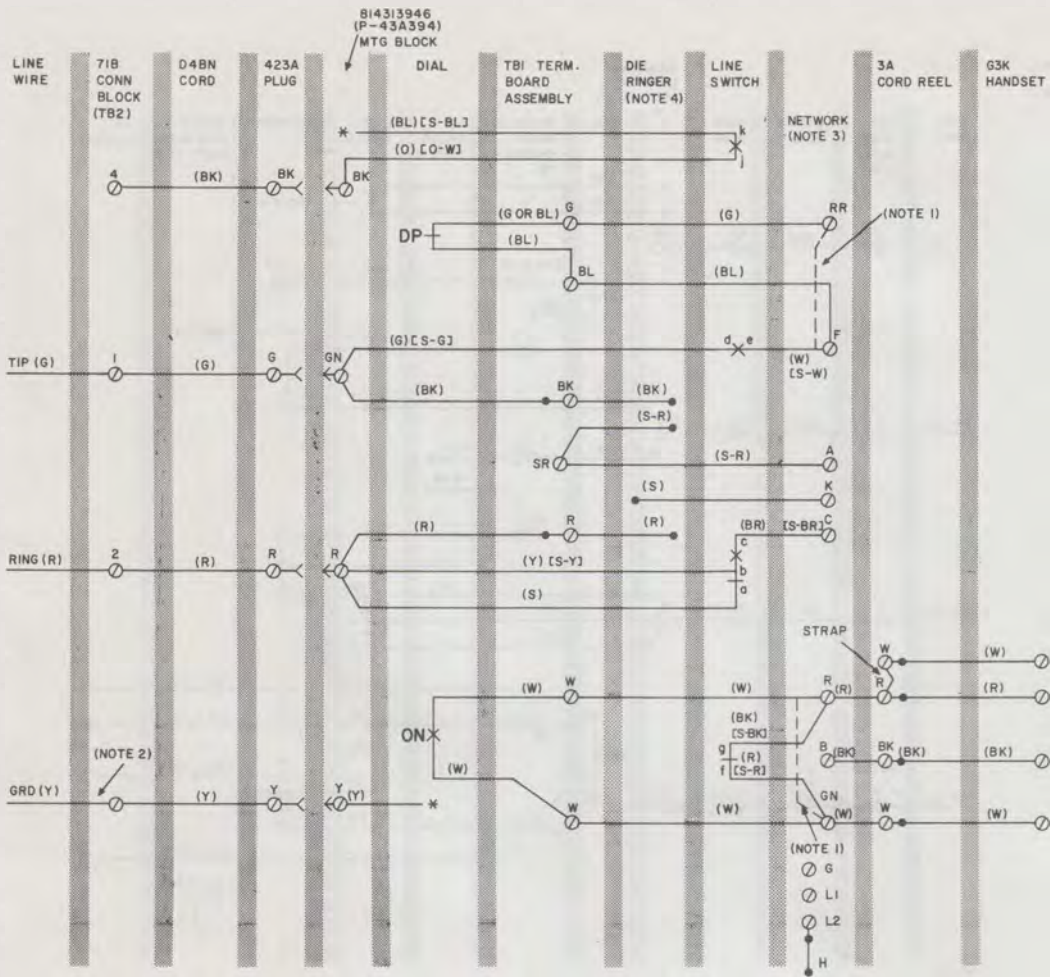


## NOTES:

1. DASHED LINES INDICATE CONNECTIONS FOR MANUAL SERVICE, DIAL REMAINS ON SET.
  2. GROUND MAY BE OMITTED IF NOT REQUIRED FOR SERVICE.
  3. [ ] DENOTES 3A CORD REEL LEAD COLORS.  
( ) DENOTES 3B CORD REEL LEAD COLORS.
  4. IN CURRENT PRODUCTION MODELS (BL) AND (O) LINE SWITCH LEADS AND ASSOCIATED CONTACTS WILL BE OMITTED.
  5. FACTORY WIRED FOR BRIDGED SERVICE. REFER TO TABLE B FOR ALL OTHER CLASSES OF SERVICE.
- ⊙ TERMINAL WITH SCREW.  
○ TERMINAL WITHOUT SCREW.  
\* INSULATE AND STORE.

DP - DIAL PULSE  
ON - OFF NORMAL

Fig. 3—750A and B (MD) Telephone Sets, Connections (Later Models)



NOTES:

1. DASHED LINES INDICATE CONNECTIONS FOR MANUAL SERVICE. DIAL REMAINS ON SET.
  2. GROUND MAY BE OMITTED IF NOT REQUIRED FOR SERVICE.
  3. 4010B NETWORK IS EQUIPPED WITH TERMINALS G, L1, L2, AND H.
  4. FACTORY WIRING IS EQUIPPED FOR BRIDGED SERVICE. REFER TO TABLE C FOR ALL OTHER CLASSES OF SERVICE.
- \* INSULATE AND STORE  
 ( ) CURRENT COLOR CODE.  
 [ ] MD COLOR CODE

DP - DIAL PULSE  
 ON - OFF NORMAL

Fig. 4—750A and B (MD) Telephone Sets, Connections (Early Models)