

REFERENCE

2500- AND 2554-TYPE TELEPHONE SETS



Fig. 1—2500- and 2554-Type Telephone Sets

1. GENERAL

1.01 This section provides identification, installation, maintenance, and connection information for the 2500- and 2554-type general purpose telephone sets.

1.02 This section is reissued to add information on:

- Modular concept
- 11A Extender

Since this reissue covers a general revision arrows ordinarily used to indicate changes have been omitted.

2. IDENTIFICATION AND CONNECTIONS

Purpose

2.01 General purpose wall- and desk-type telephone sets equipped with a 12-button TOUCH-TONE® dial.

Ordering Guide (Refer to Table B)

2.02 Basic Telephone Sets:

- Set, Telephone, 2500D-* (Standard)
- Set, Telephone, 2500DM-* (Modular)
- Set, Telephone, 2554B-* (Standard)
- Set, Telephone, 2554BM-* (Partially Modular)
- Set, Telephone, 2554BMP-* (Modular)

* Refer to Table A for colors.

2.03 Modular Telephone Sets:

(a) The following components can be assembled to provide a complete modular (desk or wall) telephone set.

(1) **Telephone Set Bases:**

- 2500D2M TOUCH-TONE desk set base
- 2554B2P TOUCH-TONE wall set base

(2) **Housing Assemblies:** (notched to clear jacks)

- 2500D2 Housing (includes faceplates)
- 2554B2 Housing

(3) **Handset:**

- G15A-* Handset, (accepts H4DU-* cords)

(4) **Cords:**

- H4DU-* Handset cords for G15A-* available in standard (approximately 6 feet) and long (approximately 12 feet) lengths; plugs on both ends.
- D4BU-* Mounting cord, transparent jacketed, available in standard (approximately 7 feet), long (approximately 14 feet) and extra long (approximately 25 feet) lengths, plugs on both ends.

2.04 Partially Modular Telephone Set:

(a) The following components can be assembled to provide a complete partially modular (wall) telephone set.

(1) **Telephone Set Bases:**

- 2554B2M TOUCH-TONE (wall) set base

(2) **Housing Assemblies:** (notched to clear handset jack)

- 2554B2 Housing

**TABLE A
COLOR ORDERING GUIDE**

CONN BLOCK COLOR		TEL SET, CORD, HOUSING, HANDSET COLOR		COORDINATED FACEPLATE COLOR	
Lt Olive		Black	-03	Charcoal	-70
Gray	-49	Ivory	-50	Muted Ivory	-80
Ivory	-50	Moss Green	-51	Lt Green	-71
Brown*	-54	Red	-53	Muted Red	-69
		Pastel Yellow	-56	Lt Yellow	-72
		White	-58	Lt Gray	-73
		Lt Beige	-60	Muted Beige	-75
		Aqua Blue	-62	Muted Blue	-76

* Only the 625F connecting block is available in Brown (-54).

TABLE B
TELEPHONE SET COMPONENTS*

TEL SET	TEL SET BASE	HOUSING	HANDSET	HANDSET CORD	MTG CORD	HANDSET JACK	MTG. CORD JACK	DIAL	RINGER	FACEPLATE ASSY	CARD RETAINER	GUARD ASSY	TERM. BOARD ASSY	
2500D		P-83A300	G3-Type	H4CJ	D3BN or D4BT			35A3A, 35Y3A, or 35Y3D	C4A	P86D500†	P-25E803	P-90D052		
2500DM	2500D2M	2500D2 ††	G15A	H4DU	D4BU	616D	623D3 or 623D4							
2554B		P-83H600	G3-Type	H4CJ					P1A			P-25E803	D-180190‡	D-180554 ¶
2554BM	2554B2M	2554B2	G15A	H4DU		616B								
2554BMP ††	2554B2P ** ††	2554B2	G15A											

* Refer to Table A for color selection.

† Includes P-25E803 card retainer.

‡ D-180190 guard assembly used with 2554-type wall sets designed for fixed installations only, requiring 229A adapter and 523A plug for plug-in mounting.

§ D-180547 guard assembly used with 2554-type wall sets designed to mount on 630A4 connecting block directly, without 229A adapter, requiring only a 523A plug.

¶ D-180554 terminal board assembly for use in 2554-type wall sets E/W 4228K network when service on 1A1 or 1A2 KTS is required. For 2554-type wall sets with 4010D networks, use factory installed terminal board.

** Includes 523A plug assembly.

†† Includes P-86D500 faceplate.

‡‡ 2554BMP telephone sets and 2554B2P telephone set bases may include either a fixed installation design telephone set base to which is attached a 229A adapter (auxiliary basepan) with a 523A plug, or a newer design base without the adapter, with a 523A plug directly installed.

(3) **Handsets:**

- G15A-* Handset, (accepts H4DU-* cords)

(4) **Cords:**

- H4DU-* Handset cords for G15A-* available in standard (approximately 6 feet) and long (approximately 12 feet) lengths, plugs on both ends.

2.05 Associated Apparatus:(1) **Connecting Blocks:**

- 625A-* surface mounted for new installations (accepts D4BU mounting cord)
- 625C-* same as 625A, less the 42A connecting block
- 625F-* flush-mounted for new installations, replaces existing 548A jack
- 630A4 plug-in wall set mounting.

Design Features and Application

2.06 The 2500- and 2554-type telephone sets are general purpose desk- and wall-type sets, respectively, for use in PBX, individual and party line service, and special service connections.

2.07 A modular desk telephone set is the same as a standard desk set except the telephone set base and handset are jack equipped to accept a plug-ended handset and mounting cord.

2.08 A partially modular wall telephone set is the same as a standard wall set except the telephone set base and handset are jack equipped to accept a plug-ended handset cord only.

2.09 A modular wall telephone set is the same as the partially modular wall set except it is also equipped with a 523A3 plug assembly which plugs into a 630A4 connecting block.

2.10 Modular and partially modular telephone sets are available assembled (less cords) or as components.

Optional Features

2.11 End-to-End Signaling: Refer to Table C for connections of polarity guard assembly, if required. Guard location for the 2500-type set is shown in Fig. 2. Guard location for the 2554-type set is below the dial or on the left hand dial mounting bracket, depending on type of base pan (Table B).

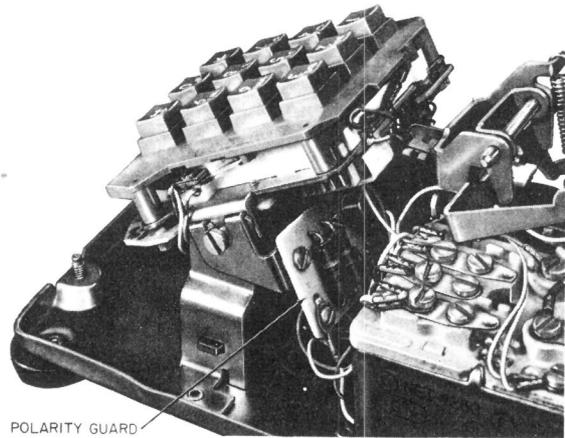


Fig. 2—2500D Telephone Set, Interior

Connections

2.12 The 2500- and 2554-type telephone set line and ringer connections are found in Fig. 8 through 18 and Tables D through J.

2.13 If an 11A Extender is required, refer to the appropriate table in Section 501-322-101 for connections.

3. MAINTENANCE

3.01 The 2554B or 2554BM telephone set (equipped with 4010D network) has been modified to prevent a potential trouble condition by shorting the a-b line switch contacts. This modification consists of a (BK) strap placed between terminal A on the network and terminal 2 on the block. These telephone sets can be modified (early version) in the field when trouble is encountered or at time of any field visit, by adding a strap as shown in Fig. 7, note 5.

TABLE C

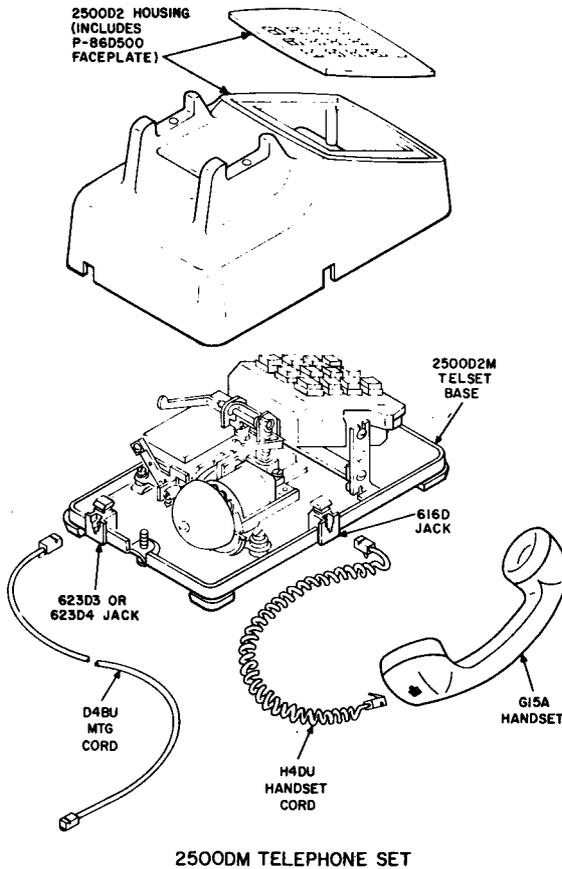
2500- AND 2554-TYPE TELEPHONE SETS
POLARITY GUARD CONNECTIONS

WIRE OR LEAD	REMOVE FROM	CONNECT TO
Dial	BK	RR net.
Line Switch	BR*	C net.
BK Strap†		
Guard Assembly	G	Term. RR net.
	W	Term. C net.

Note: For use when specified by local instructions for end-to-end signaling installation.

* Factory-wired telephone set.

† 2554-type set wired for 1A1 or 1A2 KTS.



NOTE: CORDS SHOWN ARE NOT INCLUDED WITH TELEPHONE SET AND MUST BE ORDERED SEPARATELY.

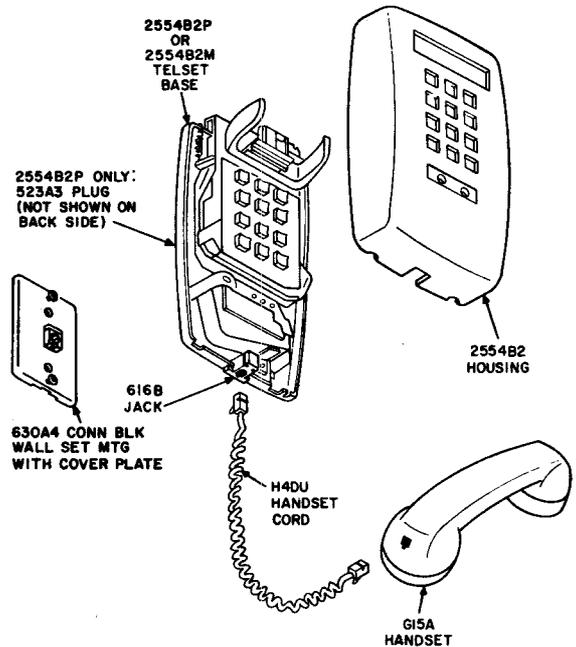
Fig. 3—2500DM Telephone Set, Assembly

3.02 When any 2554-type set is used on 1A1 or 1A2 KTS, move the (BK) strap together with other modification shown in Fig. 13 through 18 and Tables G, H, I, J.

3.03 **Replaceable Apparatus:** (Refer to Table B for component ordering guide.) Component parts should be maintained in accordance with section covering the item.

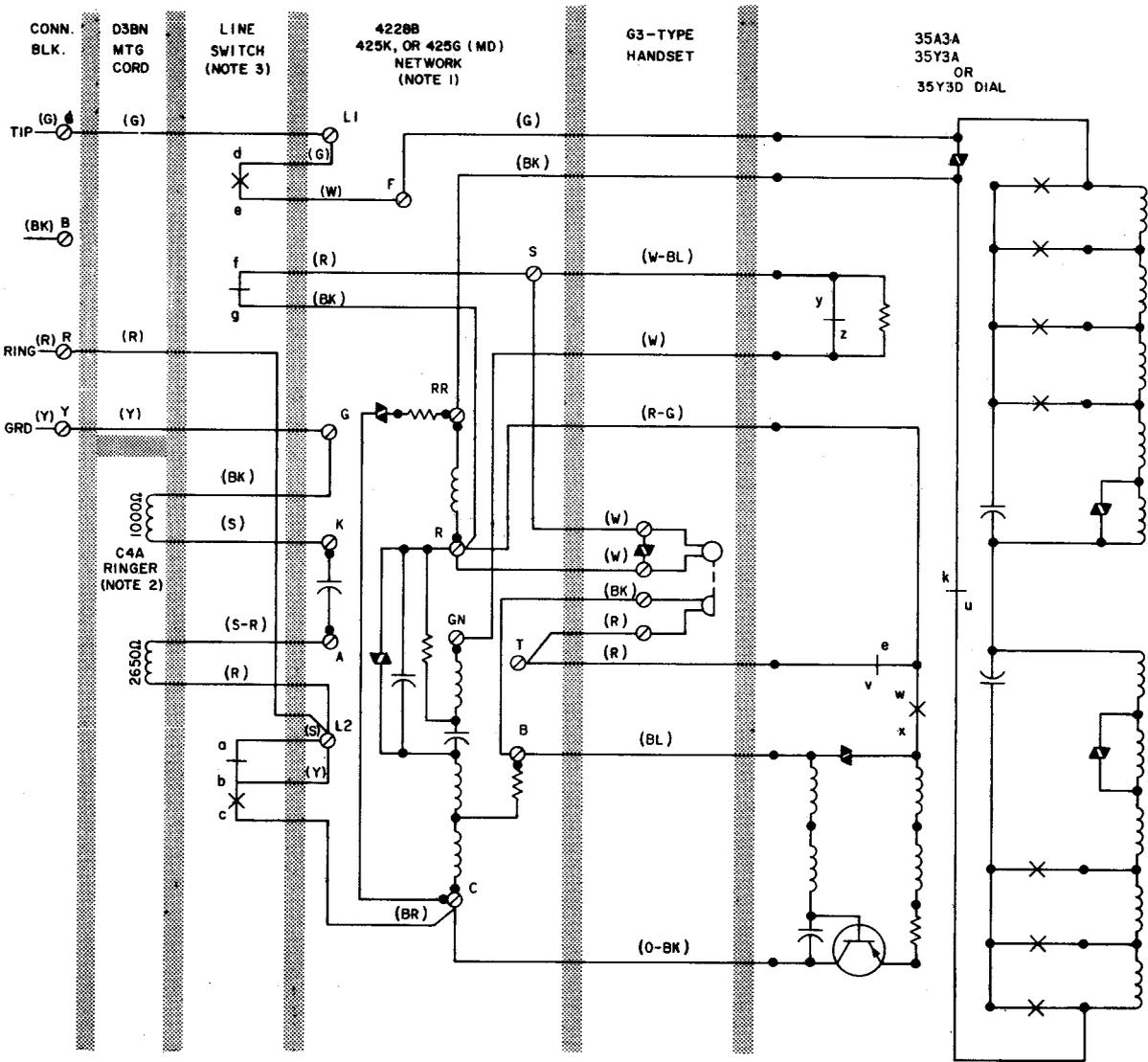
3.04 For common installation and maintenance information for these sets, refer to Section 502-500-110.

3.05 For general information on modular telephone sets, refer to Section 503-100-100.



NOTE: H4DU CORD MUST BE ORDERED SEPARATELY.

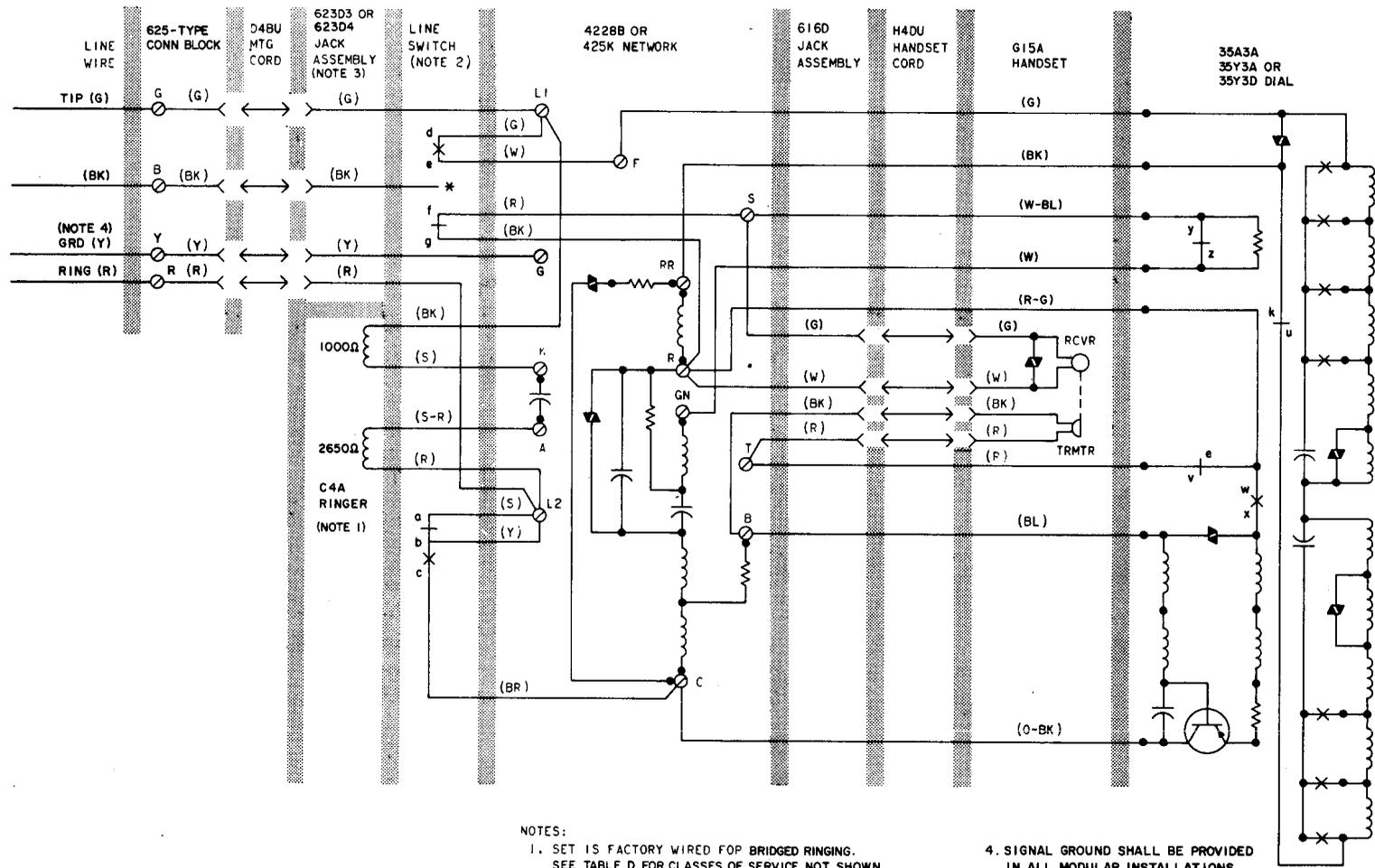
Fig. 4—2554BM or 2554BMP Telephone Set, Assembly



NOTES:

1. LEADS SHOWN CONNECTED AT TERMINALS S AND T ON 425K OR 4228B NETWORK, APPEAR ON TERMINALS 10 AND 11 RESPECTIVELY, ON THE TERMINAL STRIP IN SETS EQUIPPED WITH 425G (MD) NETWORK.
2. SET IS FACTORY WIRED FOR RING PARTY. SEE TABLE D FOR CLASSES OF SERVICE NOT SHOWN.
3. LINE SWITCH OFF-HOOK SEQUENCE:
 (1) bc MAKES (3) ab BREAKS
 (2) de MAKES (4) fg BREAKS

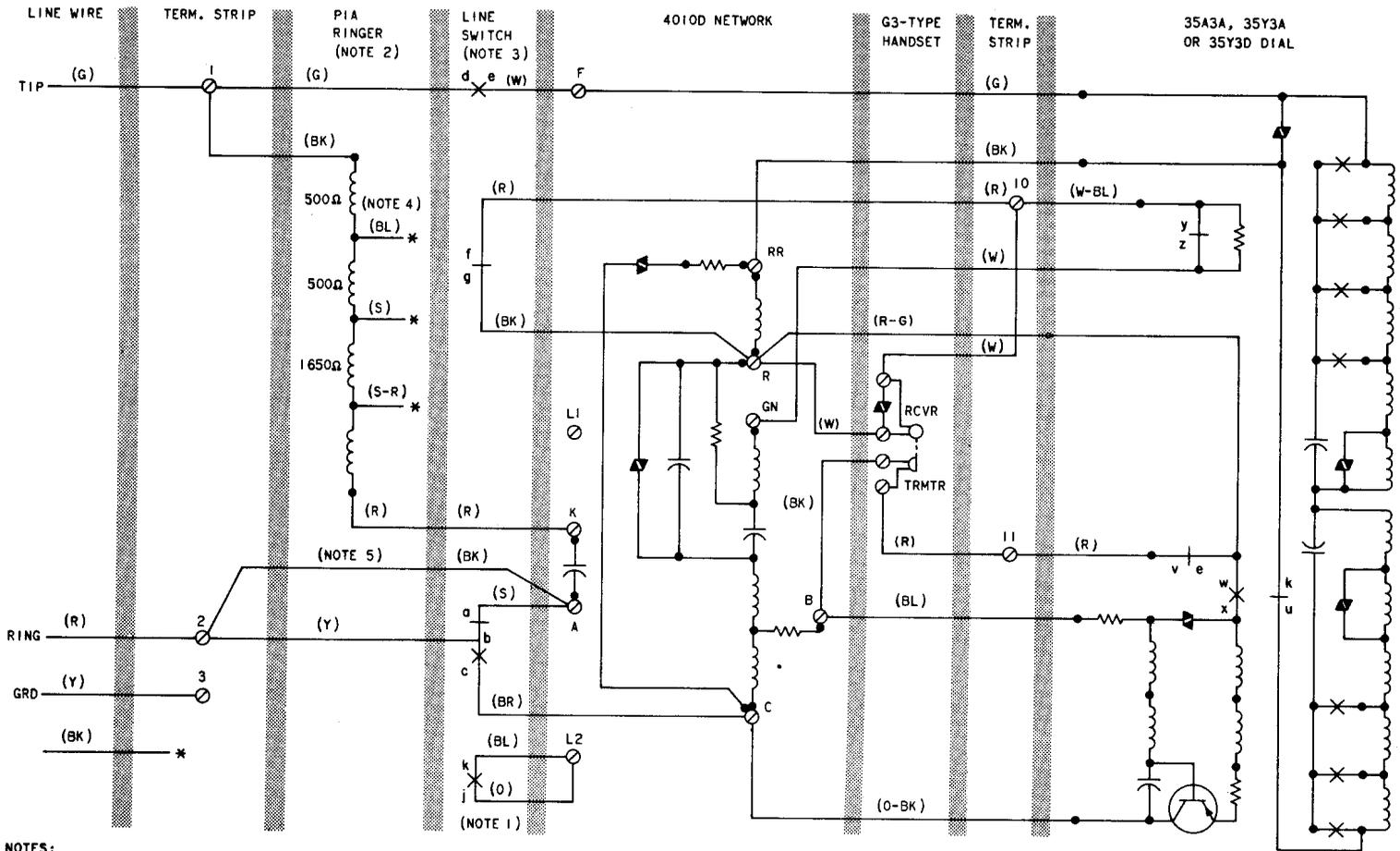
Fig. 5—2500D Telephone Set, Connections (Factory-Wired)



NOTES:

1. SET IS FACTORY WIRED FOR BRIDGED RINGING. SEE TABLE D FOR CLASSES OF SERVICE NOT SHOWN.
2. LINE SWITCH OFF-HOOK SEQUENCE:
 (1) bc- MAKES (3) ab- BREAKS
 (2) de- MAKES (4) fg- BREAKS
3. (BK) LEAD ON 623D4 JACK ASSEMBLY ONLY.
4. SIGNAL GROUND SHALL BE PROVIDED IN ALL MODULAR INSTALLATIONS REGARDLESS OF WHETHER IT IS REQUIRED FOR THE SERVICE INITIALLY PROVIDED.
 * INSULATED AND STORED

Fig. 6—2500DM Telephone Set, Connections (Factory-Wired)



NOTES:

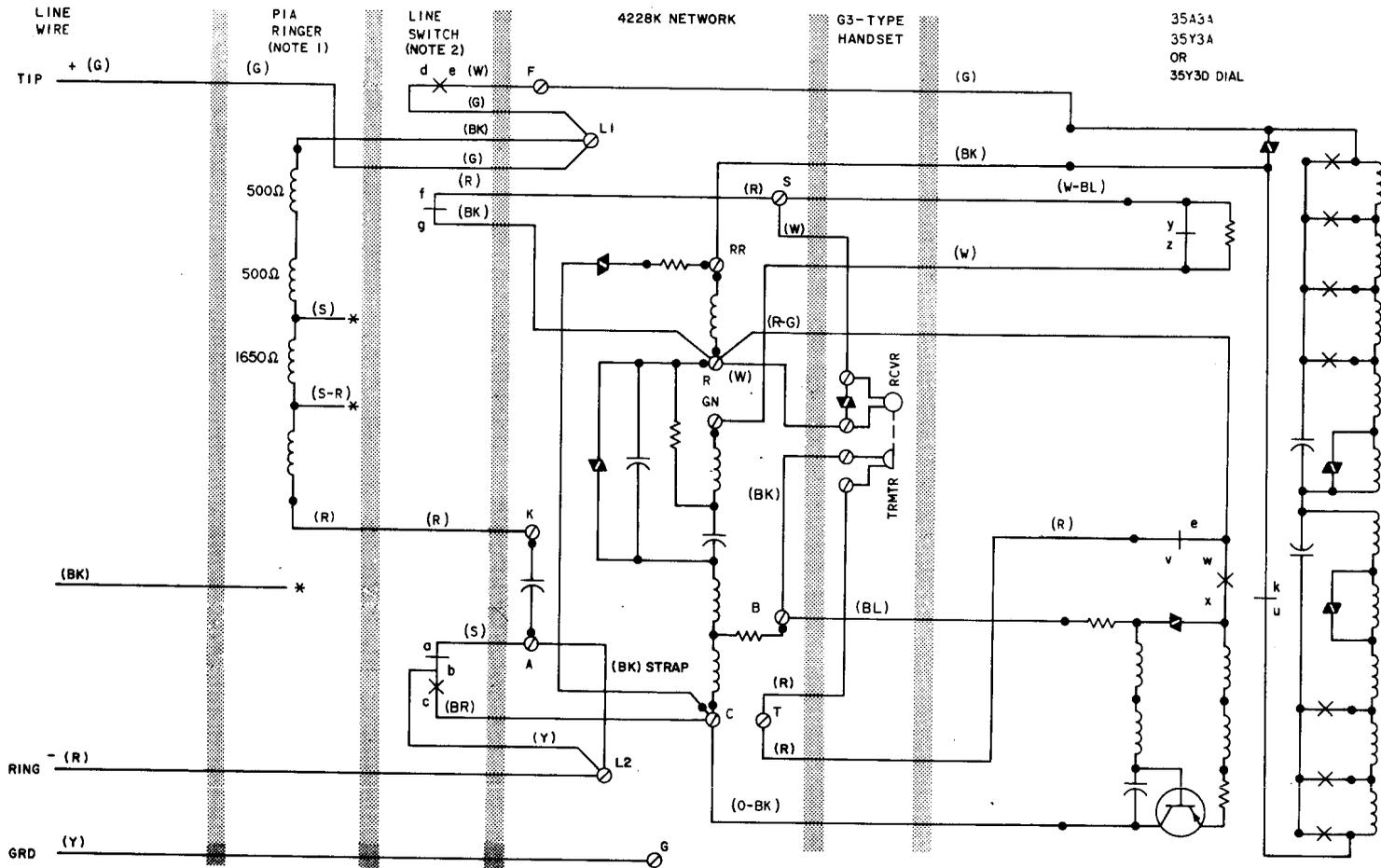
1. CURRENT PRODUCTION SETS DO NOT HAVE CONTACTS j-k AND ASSOCIATED (O) AND (BL) LEADS.
2. SET IS FACTORY WIRED FOR BRIDGED SERVICE. FOR CLASSES OF SERVICE NOT SHOWN SEE TABLE E.

3. LINE SWITCH OFF-HOOK SEQUENCE:
 - (1) bc MAKES
 - (2) de MAKES
 - (3) ab BREAKS
 - (4) fg BREAKS

4. (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.
5. PLACE (BK) STRAP (EARLY VERSION)

* INSULATED AND STORED

Fig. 7—2554B Telephone Set E/W 4010D Network, Connections (Factory-Wired)



NOTES:

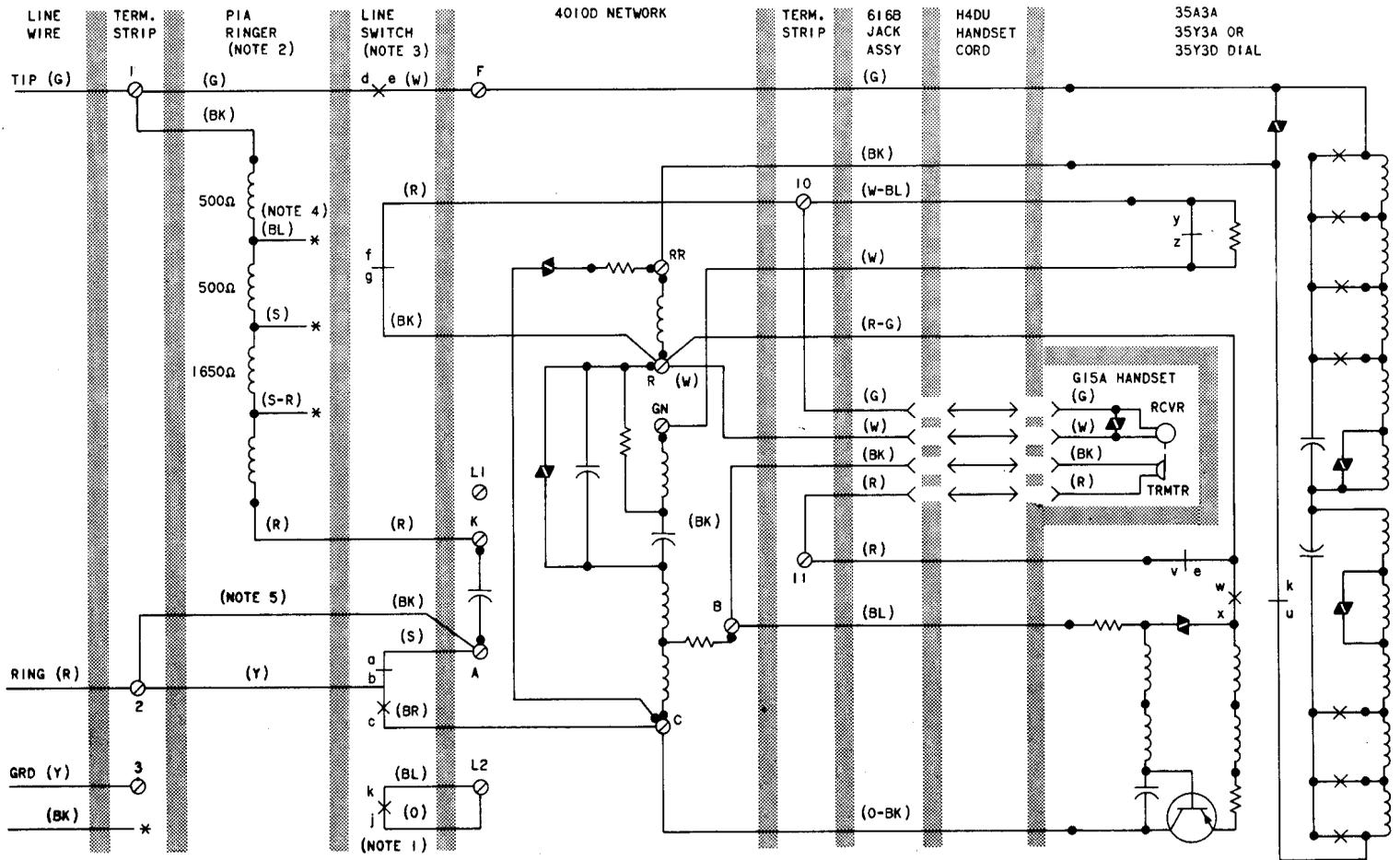
1. SET IS FACTORY WIRED FOR BRIDGED SERVICE.
FOR CLASSES OF SERVICE NOT SHOWN SEE TABLE F.

2. LINE SWITCH OFF-HOOK SEQUENCE:

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

* INSULATED AND STORED.

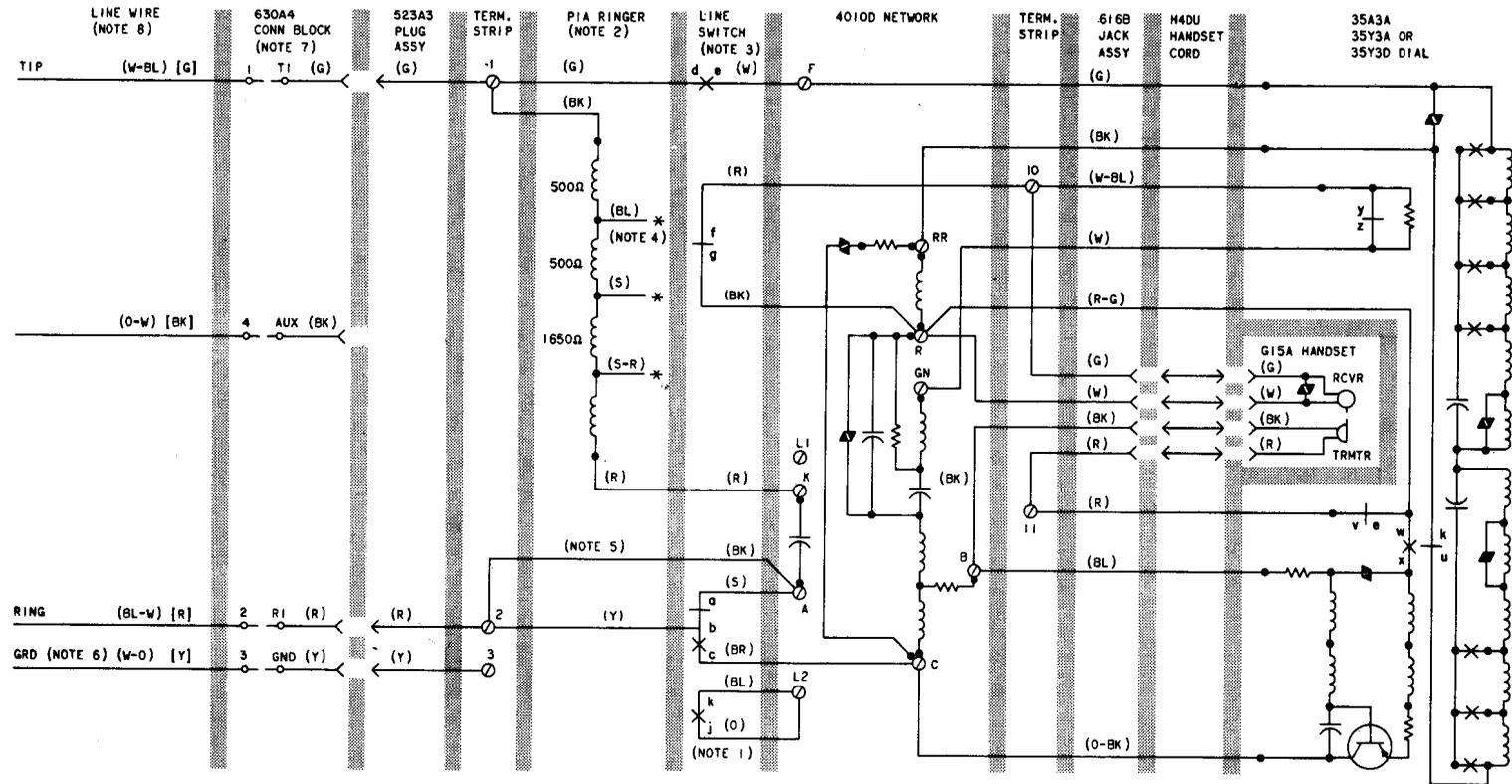
Fig. 8—2554B Telephone Set E/W 4228K Network, Connections (Factory-Wired)



NOTES:

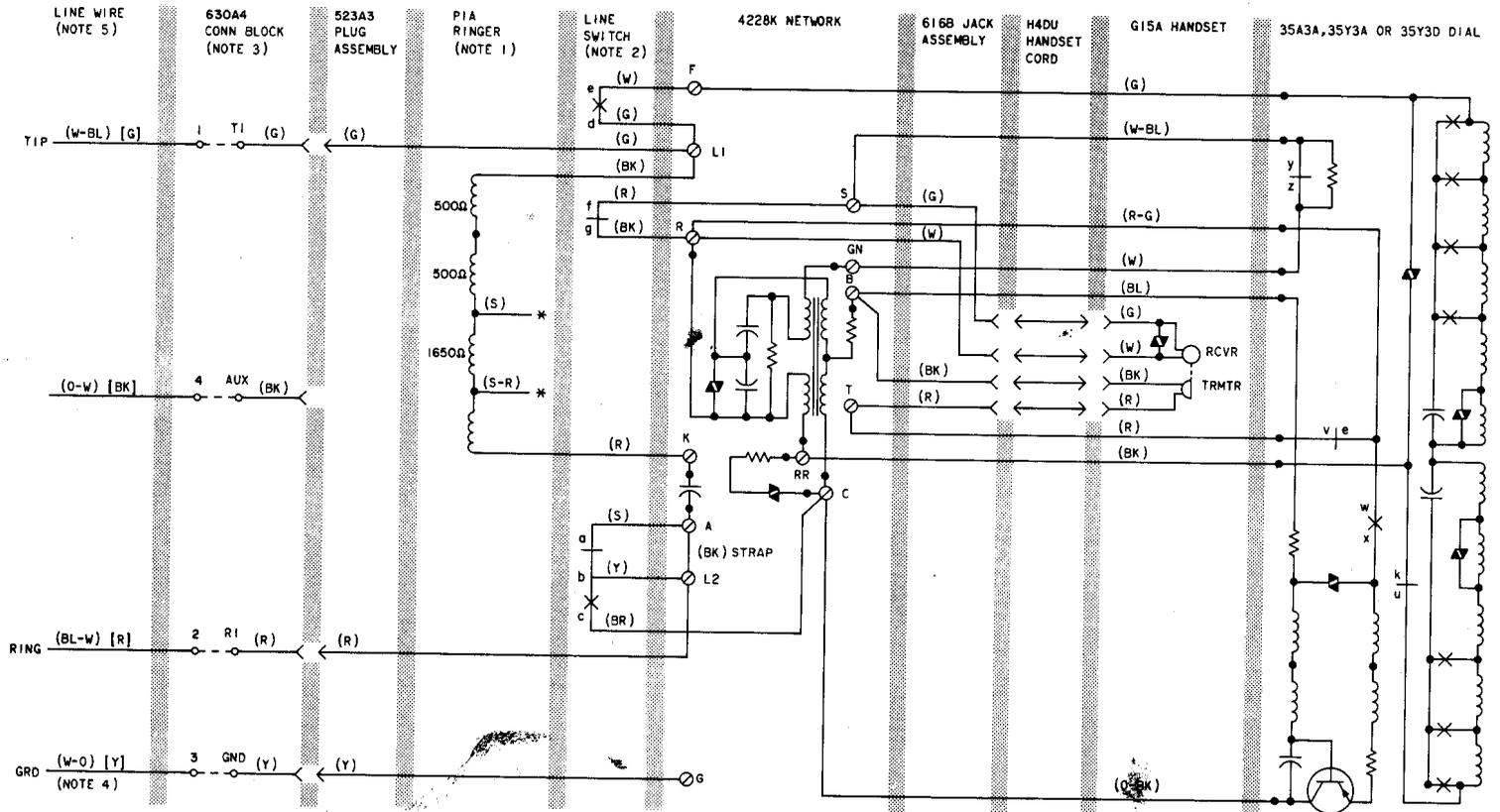
- | | | |
|---|---|---|
| <p>1. CURRENT PRODUCTION SETS DO NOT HAVE CONTACTS j-k AND ASSOCIATED (O) AND (BL) LEADS.</p> <p>2. SET IS FACTORY WIRED FOR BRIDGED SERVICE. FOR CLASSES OF SERVICE NOT SHOWN SEE TABLE E.</p> | <p>3. LINE STATION OFF-HOOK SEQUENCE:</p> <p>(1) bc MAKES</p> <p>(2) de MAKES</p> <p>(3) ab BREAKS</p> <p>(4) fg BREAKS</p> | <p>4. (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.</p> <p>5. PLACE (BK) STRAP (EARLY VERSION)</p> <p>* INSULATED AND STORED</p> |
|---|---|---|

Fig. 9—2554BM Telephone Set E/W 4010D Network, Connections (Factory-Wired)



- NOTES:
- CURRENT PRODUCTION SETS DO NOT HAVE CONTACTS j-k AND ASSOCIATED (O) AND (BL) LEADS.
 - SET IS FACTORY WIRED FOR BRIDGED SERVICE. FOR CLASSES OF SERVICE NOT SHOWN SEE TABLE E.
 - LINE SWITCH OFF-HOOK SEQUENCE:
 - bc MAKES
 - de MAKES
 - ab BREAKS
 - fg BREAKS
 - (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.
 - PLACE (BK) STRAP (EARLY VERSION)
 - SIGNAL GROUND SHALL BE PROVIDED IN ALL MODULAR INSTALLATIONS REGARDLESS OF WHETHER IT IS REQUIRED FOR THE SERVICE INITIALLY PROVIDED.
 - QUICK CONNECT TERMINALS ON 630A4 CONN BLOCK.
 - () INSIDE WIRE COLOR CODE
[] D-STATION WIRE COLOR CODE
* INSULATED AND STORED

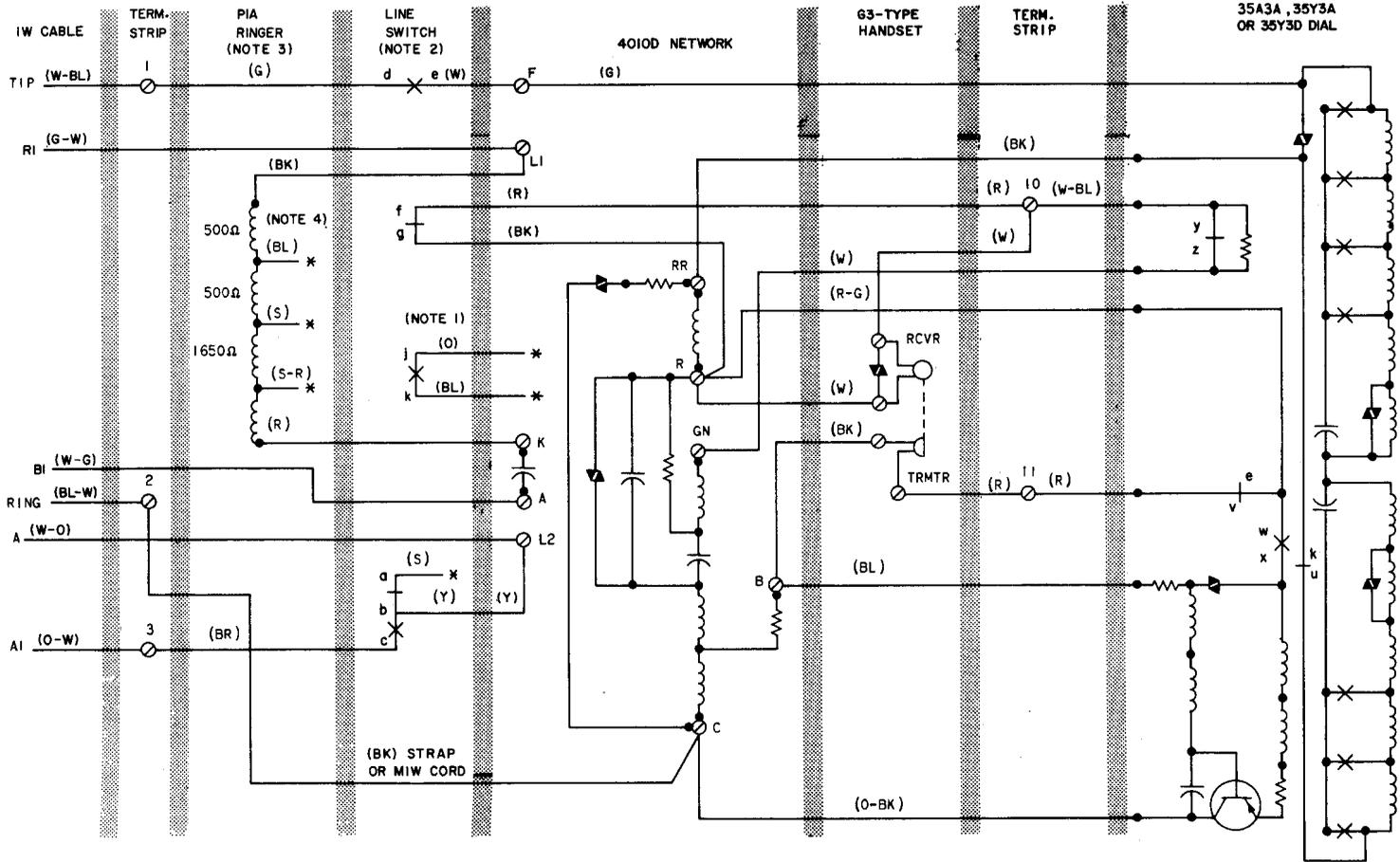
Fig. 11—2554BMP Telephone Set E/W 4010D Network, Connections (Factory-Wired)



NOTES:

1. SET IS FACTORY WIRED FOR BRIDGED SERVICE. FOR CLASSES OF SERVICE NOT SHOWN SEE TABLE F.
2. LINE SWITCH OFF-HOOK SEQUENCE:
 - (1) bc MAKES
 - (2) de MAKES
 - (3) ab BREAKS
 - (4) fg BREAKS
3. QUICK CONNECT TERMINALS ON 630A4 CONN BLOCK.
4. SIGNAL GROUND SHALL BE PROVIDED IN ALL MODULAR INSTALLATIONS REGARDLESS OF WHETHER IT IS REQUIRED FOR SERVICE INITIALLY PROVIDED.
5. () INSIDE WIRE COLOR CODE
[] D-STATION WIRE COLOR CODE
- * INSULATED AND STORED

Fig. 12—2554BMP Telephone Set E/W 4228K Network, Connections (Factory-Wired)

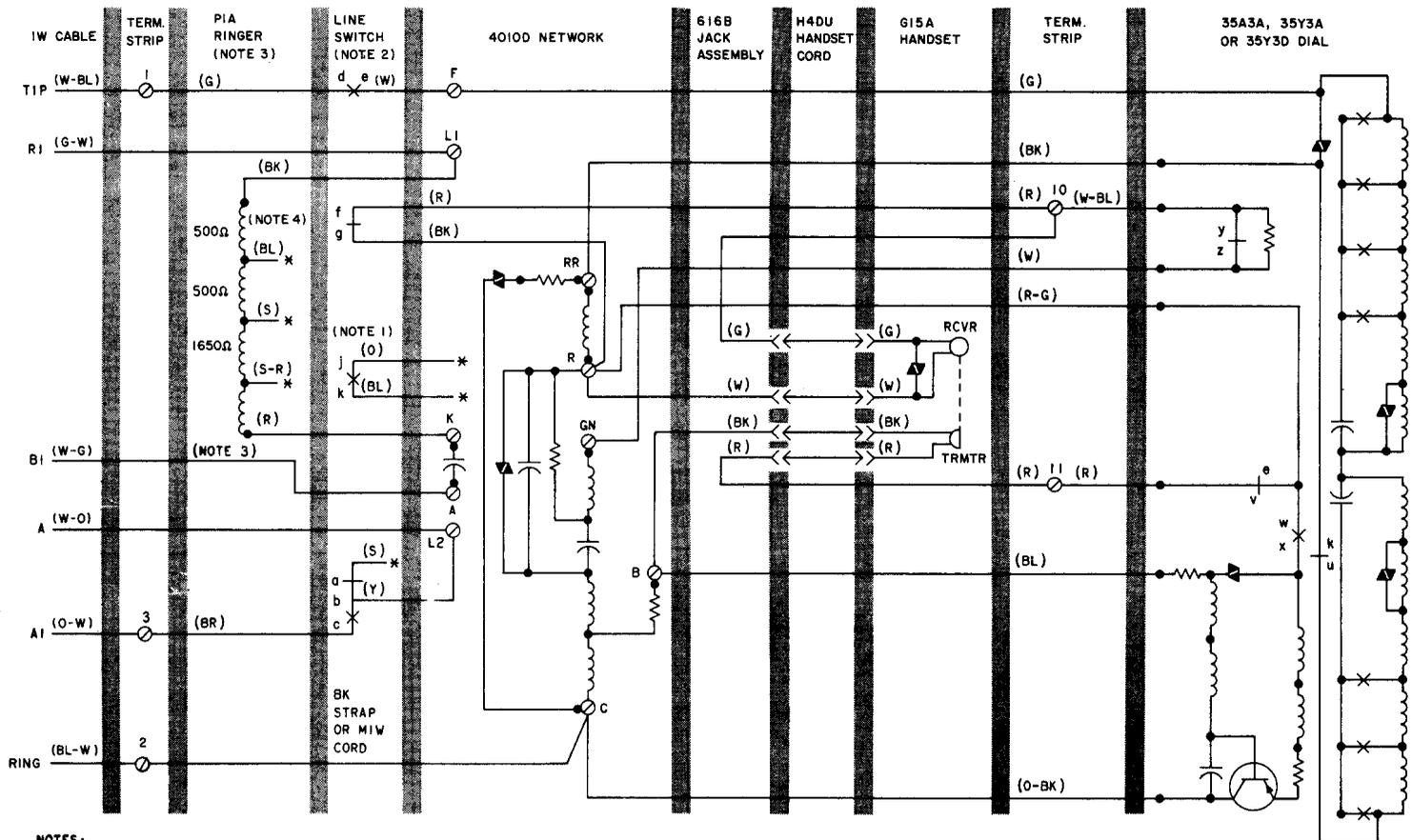


NOTES:

1. CURRENT PRODUCTION SETS DO NOT HAVE J-K CONTACTS AND ASSOCIATED (O) AND (BL) LEADS.
2. LINE SWITCH OFF-HOOK SPOFFNCE (1) bc MAKES (2) de MAKES (3) ab BREAKS (4) fg BREAKS.
3. RINGER IS SHOWN FOR INDIVIDUAL LINE RINGING. WHEN COMMON RINGER WITHOUT CAPACITOR IS REQUIRED CONNECT BI (W-G) LEAD TO K OF NETWORK.

4. (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.
 5. MODIFY TELEPHONE SET PER TABLE G.
- * INSULATE AND STORE

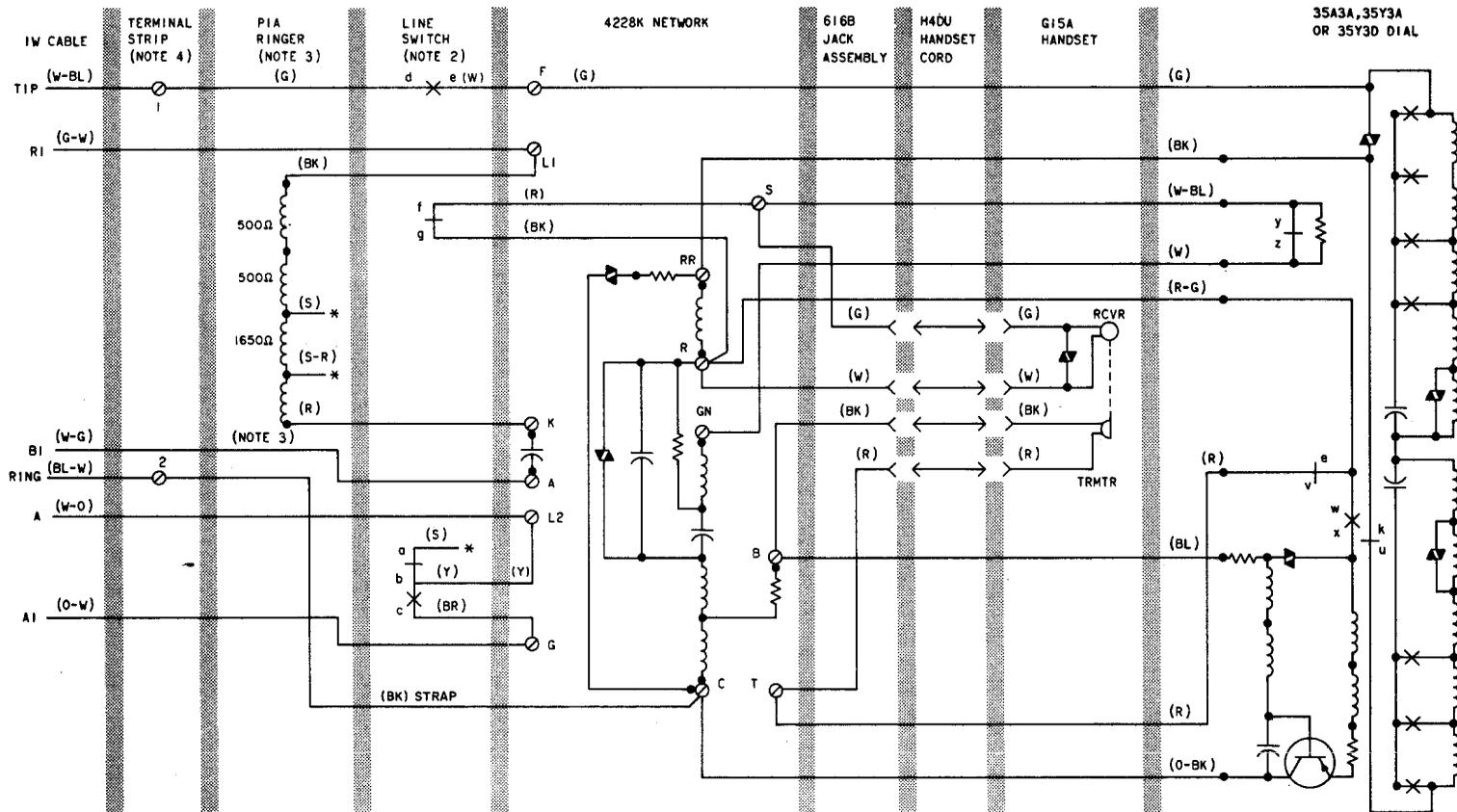
Fig. 13—2554B Telephone Set E/W 4010D Network, Connections for 1A1 or 1A2 Key Telephone System



NOTES:

- 1. CURRENT PRODUCTION SETS DO NOT HAVE J-K CONTACTS AND ASSOCIATED (O) AND (BL) LEADS.
 - 2. LINE SWITCH OFF-HOOK SEQUENCE (1) bc MAKES (2) de MAKES (3) ab BREAKS (4) fg BREAKS
 - 3. RINGER IS SHOWN FOR INDIVIDUAL LINE RINGING. WHEN COMMON RINGER WITHOUT CAPACITOR IS REQUIRED CONNECT BI (W-G) LEAD TO K OF NETWORK.
 - 4. (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.
 - 5. MODIFY TELEPHONE SET PER TABLE G.
- * INSULATE AND STORE

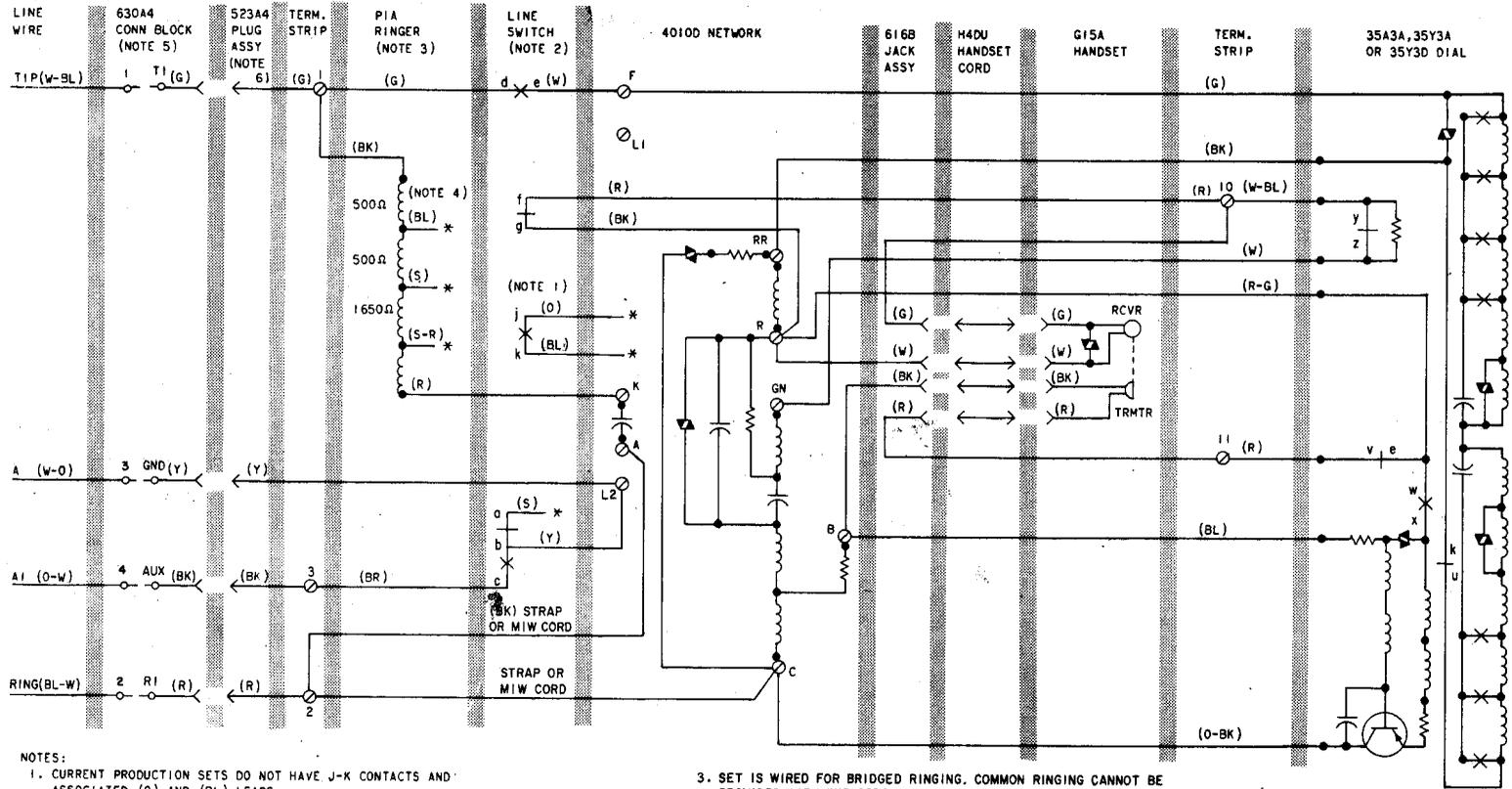
Fig. 15—2554BM Telephone Set E/W 4010D Network, Connections for 1A1 or 1A2 Key Telephone System



NOTES:

1. MODIFY TELEPHONE SET PER TABLE H.
 2. LINE SWITCH OFF-HOOK SEQUENCE (1) bc MAKES (2) de MAKES (3) ab BREAKS (4) fg BREAKS
 3. RINGER IS SHOWN FOR INDIVIDUAL LINE RINGING. WHEN COMMON RINGER WITHOUT CAPACITOR IS REQUIRED CONNECT BI (W-G) LEAD TO K OF NETWORK.
 4. TERMINAL STRIP AND FASTENERS FROM D-180554
KIT OF PARTS (TERMINAL STRIP ASSEMBLY)
- * INSULATE AND STORE.

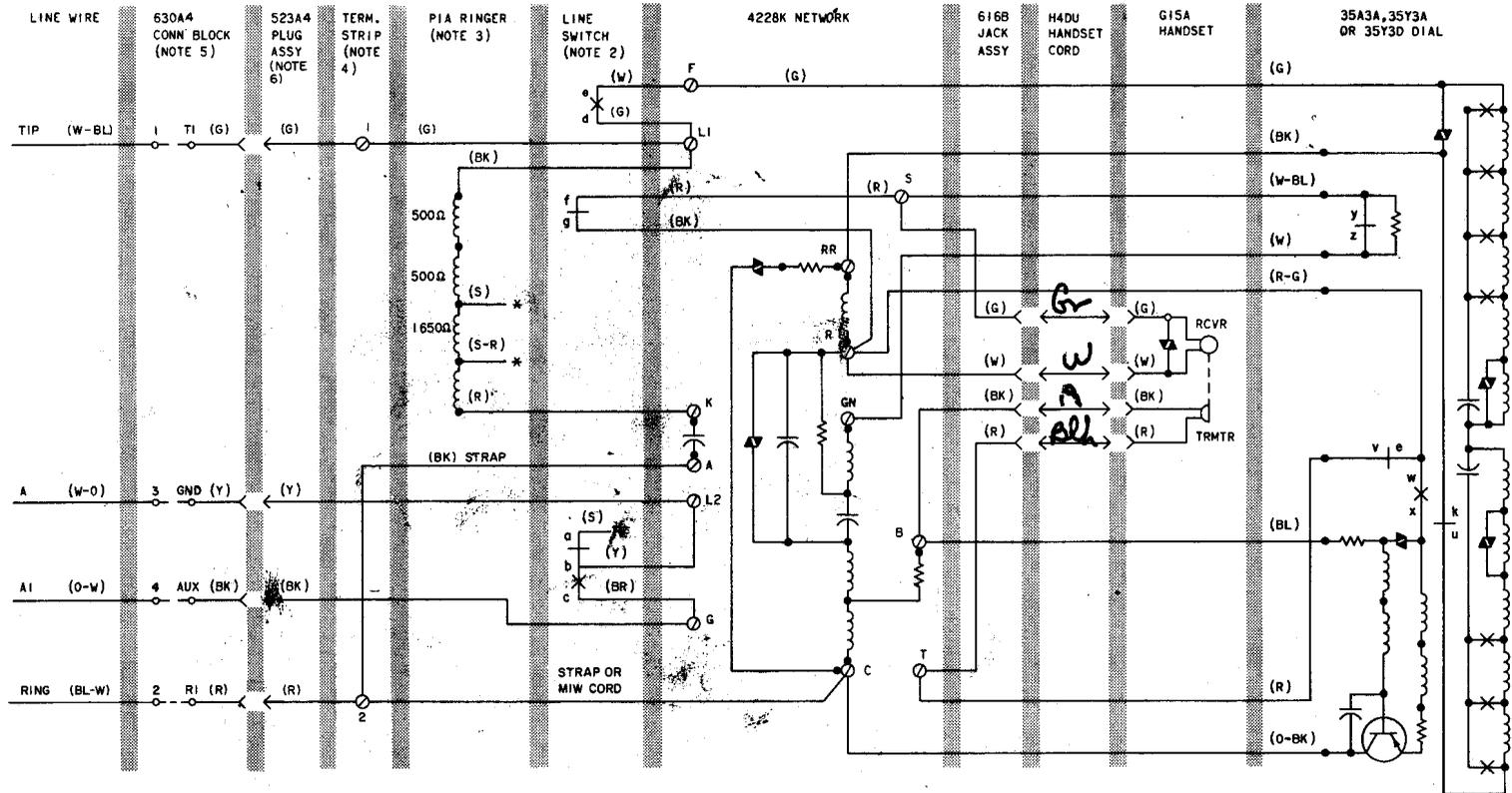
Fig. 16—2554BM Telephone Set E/W 4228K Network, Connections for 1A1 or 1A2 Key Telephone System



- NOTES:
1. CURRENT PRODUCTION SETS DO NOT HAVE J-K CONTACTS AND ASSOCIATED (O) AND (BL) LEADS.
 2. LINE SWITCH OFF-HOOK SEQUENCE
 - (1) bc MAKES
 - (2) de MAKES
 - (3) ab BREAKS
 - (4) fg BREAKS

3. SET IS WIRED FOR BRIDGED RINGING. COMMON RINGING CANNOT BE PROVIDED WITH THE 2554 BMP TELEPHONE SET.
4. (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.
5. QUICK CONNECT TERMINALS ON 630A4 CONN BLOCK.
6. REPLACE 523A3 WITH A 523A4 PLUG ASSEMBLY.
7. MODIFY TELEPHONE SET PER TABLE I.
- * INSULATE AND STORE.

Fig. 17—2554BMP Telephone Set E/W 4010D Network, Connections for 1A1 or 1A2 Key Telephone System



NOTES:

1. MODIFY TELEPHONE SET PER TABLE J.
2. LINE SWITCH OFF-HOOK SEQUENCE:
 - (1) bc MAKES
 - (2) de MAKES
 - (3) ab BREAKS
 - (4) fg BREAKS
3. SET IS WIRED FOR BRIDGED RINGING. COMMON RINGING CANNOT BE PROVIDED WITH THE 2554BMP TELEPHONE SET.
4. TERMINAL STRIP AND FASTENERS FROM D-180554 KIT OF PARTS (TERMINAL STRIP ASSEMBLY).
5. QUICK CONNECT TERMINALS ON 630A4 CONN BLOCK.
6. REPLACE 523A3 WITH A 523A4 PLUG ASSEMBLY.

* INSULATE AND STORE

Fig. 18—2554BMP Telephone Set E/W 4228K Network, Connections for 1A1 or 1A2 Key Telephone System

TABLE D
LINE AND RINGER CONNECTIONS FOR 2500-TYPE TELEPHONE SET

WIRE OR LEAD	INDIV OR BRIDGED	RING PARTY	TIP PARTY			
			NO IDENT. GROUND	IDENT. GROUND		
				1000 Ω	2650 Ω	
Line Wire at Conn Block	R	R	R	R	R	R
	G	G	G	G	G	G
	Y	Y	Y	Y	Y	Y
	BK	BK	BK	BK	BK	BK
Mtg Cord at Conn Block (2500D)	R	R	R	R	G	G
	G	G	G	G	R	R
	Y	G	Y	Y	Y	Y
Mtg Cord in Set (2500D)	R	L2	L2	L2	L2	L2
	G	L1	L1	L1	L1	L1
	Y	G	G	G	G	G
Jack Conductors in Modular Set, 2500DM Only	R	L2	L2	L1	L1	L1
	G	L1	L1	L2	L2	L2
	Y	G	G	G	G	G
	BK	*	*	*	*	*
Line Switch Leads	S	L2	L2	L2	A	A
	W	F	F	F	C	C
	BR	C	C	C	F	F
Ringer Leads	R	L2	L2	L2	K	B
	BK	†	G	G	G	B
	S	K	K	K	B	K
	S-R	A	A	A	B	G

* Insulate and store.

† Terminal G for 2500D or terminal L1 for 2500DM.

Note: To silence ringer permanently:

- (1) 2500D Telephone Set:
 - (a) All classes except identifying ground — connect (Y) mounting cord lead with (R) mounting cord lead at connecting block.
 - (b) For 1000 Ω ground — insulate and store (S-R) ringer lead.
 - (c) For 2650 Ω ground — insulate and store (BK) ringer lead.
- (2) 2500DM Telephone Set:
 - (a) All classes except identifying ground — remove (R) ringer lead from L2 and terminate on A.
 - (b) For 1000 Ω ground — insulate and store (S-R) ringer lead.
 - (c) For 2650 Ω ground — insulate and store (BK) ringer lead.

TABLE E
LINE AND RINGER CONNECTIONS FOR 2554B, 2554BM, OR 2554BMP TELEPHONE SET
EQUIPPED WITH 4010D NETWORK

WIRE OR LEAD			INDIV. OR BRIDGED	RING PARTY	TIP PARTY		
					NO IDENT. GROUND	IDENT. GRD.	
						1000 Ω	2650 Ω
Inside Wire or 523A3 or 523A4 Plug Assy Leads	Tip	G	1	1	2	2	2
	Ring	R	2	2	1	1	1
	Grd	Y	3	3	3	3	3
		BK†	*	*	*	*	*
Ringer Leads (Notes 1 and 2)		BK	1	3	3	3	3
		BL	*	*	*	*	*
		S	*	*	*	B	*
		S-R	*	*	*	*	B
		R	K	K	K	K	K
Line Switch		W	F	F	C	C	C
		S	A	A	A	A	A
		BR	C	C	F	F	F
BK Strap			2-A	2-A	2-A	*	*

* Insulate and store.

† Lead on 523A4 plug assembly only.

- Notes:*
1. To silence ringer permanently:
 - (a) For all classes except identification ground insulate and store (BK) ringer lead.
 - (b) For tip party with 1000 ohm or 2650 ohm identification ground remove the (R) ringer lead at K of the network; insulate and store.
 2. (BL) lead has been removed from later model ringers.

TABLE F

**LINE AND RINGER CONNECTIONS FOR 2554B, 2554BM, OR 2554BMP
TELEPHONE SET EQUIPPED WITH 4228K NETWORK**

WIRE OR LEAD		INDIV. OR BRIDGED	RING PARTY	TIP PARTY			
				NO IDENT. GROUND	IDENT. GRD		
					1000 Ω	2650 Ω	
Inside Wire or 523A3 or 523A4 Plug Assy Lead	Tip	G	L1	L1	L2	L2	L2
	Ring	R	L2	L2	L1	L1	L1
	Grd	Y	G	G	G	G	G
		BK†	*	*	*	*	*
Ringer Leads (Note)		BK	L1	G	G	G	G
		S	*	*	*	B	*
		S-R	*	*	*	*	B
		R	K	K	K	K	K
Line Switch		W	F	F	C	C	C
		S	A	A	A	A	A
		BR	C	C	F	F	F
BK Strap			L2-A	L2-A	L2-A	*	*

* Insulate and store.

† Leads on 523A4 plug assembly only.

Note: To silence ringer permanently:

- (a) For all classes except identification ground insulate and store (BK) ringer lead.
- (b) For tip party with 1000 ohm or 2650 ohm identification ground remove the (R) ringer lead at K of the network; insulate and store.

TABLE G

**MODIFICATION FOR USE WITH 1A1 OR 1A2 KEY TELEPHONE SYSTEM
FOR 2554B OR 2554BM TELEPHONE SET EQUIPPED WITH 4010D NETWORK**

WIRE OR LEAD		REMOVE FROM		CONNECT TO	
		TERM. STRIP	NET.	TERM. STRIP	NET.
Inside Wire	W-BL Tip			1	
	BL-W Ring			2	
	W-O A				L2
	O-W A1			3	
	G-W R1				L1
	W-G B1				A†
P1A Ringer †	R				K
	BK	1			L1
Line Switch	S		A	Insulate and store	
	Y	2			L2
	O		L2	Insulate and store	
	BR		C	3	
	BL		L2	Insulate and store	
Strap*	BK		A		C

* If early set does not have a (BK) strap connected to A of network, place a strap between 2 of terminal strip and C of network.

† Ringer is shown for individual line ringing. When common ringer without capacitor is required, connect B1 lead (W-G) to terminal K of network.

TABLE H

**MODIFICATION FOR USE WITH 1A1 OR 1A2 KEY TELEPHONE SYSTEM
FOR 2554B OR 2554BM TELEPHONE SET EQUIPPED WITH 4228K NETWORK**

WIRE OR LEAD		REMOVE FROM	CONNECT TO	
		NET.	TERM. STRIP †	NET.
Inside Wire	W-BL Tip		1	
	BL-W Ring		2	
	W-O A			L2
	O-W A1			G
	G-W R1			L1
	W-G B1			A*
P1A Ringer*	R			K
	BK			L1
Line Switch	S	A	Insulate and Store	
	Y			L2
	BR	C		G
Strap	BK	A and L2	2	C

* Ringer is shown for individual line ringing. When common ringer without capacitor is required, connect B1 lead (W-G) to terminal K of network.

† D-180554 terminal board assembly not supplied with telephone set, must be ordered separately.

TABLE I

**MODIFICATION FOR USE WITH 1A1 OR 1A2 KEY TELEPHONE SYSTEM
FOR 2554BMP TELEPHONE SET EQUIPPED WITH 4010D NETWORK**

WIRE OR LEAD		REMOVE FROM		CONNECT TO	
		TERM. STRIP	NET	TERM. STRIP	NET.
523A4 Plug Assembly (Note)	G Tip			1	
	R Ring			2	
	Y A	3			L2
	BK A1			3	
Line Switch	S		A	Insulate and store	
	Y	2			L2
	O*		L2	Insulate and store	
	BR		C	3	
	BL*		L2	Insulate and store	
Strap or M1W Cord				2	C

* Current production sets do not have (O) and (BL) leads.

Note: Replace 523A3 with 523A4 plug assembly when set is used with 1A1 or 1A2 KTS.

TABLE J

MODIFICATION FOR USE WITH 1A1 OR 1A2 KEY TELEPHONE SYSTEM
FOR 2554BMP TELEPHONE SET EQUIPPED WITH 4228K NETWORK

WIRE OR LEAD		REMOVE FROM	CONNECT TO	
		NET.	TERM. STRIP †	NET.
523A4 Plug Assembly*	G Tip	L1	1	
	R Ring	L2	2	
	Y A	G		L2
	BK A1			G
Line Switch	S	A	Insulate and store	
	Y			L2
	BR	C		G
Strap	BK*	L2	2	
Strap or M1W Cord			2	C

* Replace 523A3 with 523A4 plug assembly when set is used with 1A1 or 1A2 KTS.

† D-180554 terminal board assembly not supplied with telephone set; must be ordered separately.