

SERVICE

2554-TYPE TELEPHONE SETS

1. GENERAL

1.01 ♦If a 28A ringer isolator is required, refer to the appropriate table in Section 501-375-101 for connection information. If a 603A ringing extender is required, refer to Section 501-380-102 for connection information. Whenever 4-party full selective or 8-party semiselective ringing is required, refer to Section 501-320-100 for D-180697 Kit of Parts information.♦

1.02 Reissued to:

- Add A lead control information
- Add 28A ringer isolator reference information
- Add 603A ringing extender reference information
- Add D-180697 Kit of Parts information
- Show all nonmodular sets and some modular sets MD.

♦TABLE A♦
POLARITY GUARD CONNECTIONS
(See Notes 1 and 2)

LEAD	COLOR	REMOVE FROM	CONNECT TO	
		NET.	NET.	POLARITY GUARD (Note 1)
Dial	BK	RR		T
Line Switch	BR	C		S
Polarity Guard	G W		RR C	

Notes:

1. For use when specified by local instructions for end-to-end signaling installation.
2. D-180547 guard assembly must be used on sets with plug-in-type baseplates. D-180190 guard assembly may be used on early version sets only.

NOTICE

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

◆TABLE B◆

LINE AND RINGER CONNECTIONS FOR SETS EQUIPPED WITH 4010D NETWORK

WIRE OR LEAD		COLOR	INDIV. OR BRIDGED	RING PARTY	TIP PARTY		
					NO. IDENT. GROUND	IDENT. GRD.	
						1000 Ω	2650 Ω
Line Wire or 523A3 Plug Assy Leads (Note 2)	Tip	G	1	1	2	2	2
	Ring	R	2	2	1	1	1
	Grd	Y	3	3	3	3	3
	Spare	BK	*	*	*	*	*
Ringer Leads (Note 1)		BK	1	3	3	3	3
		BL (Note 3)	*	*	*	*	*
		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	*-A	*-A

* Insulate and store.

Notes 1: To silence ringer for all classes of service, refer to appropriate ringer section in Division 501.

2: 523A3 plug assembly does not have a (BK) lead.

TABLE C4

LINE AND RINGER CONNECTIONS FOR SETS EQUIPPED WITH 4228-TYPE NETWORK

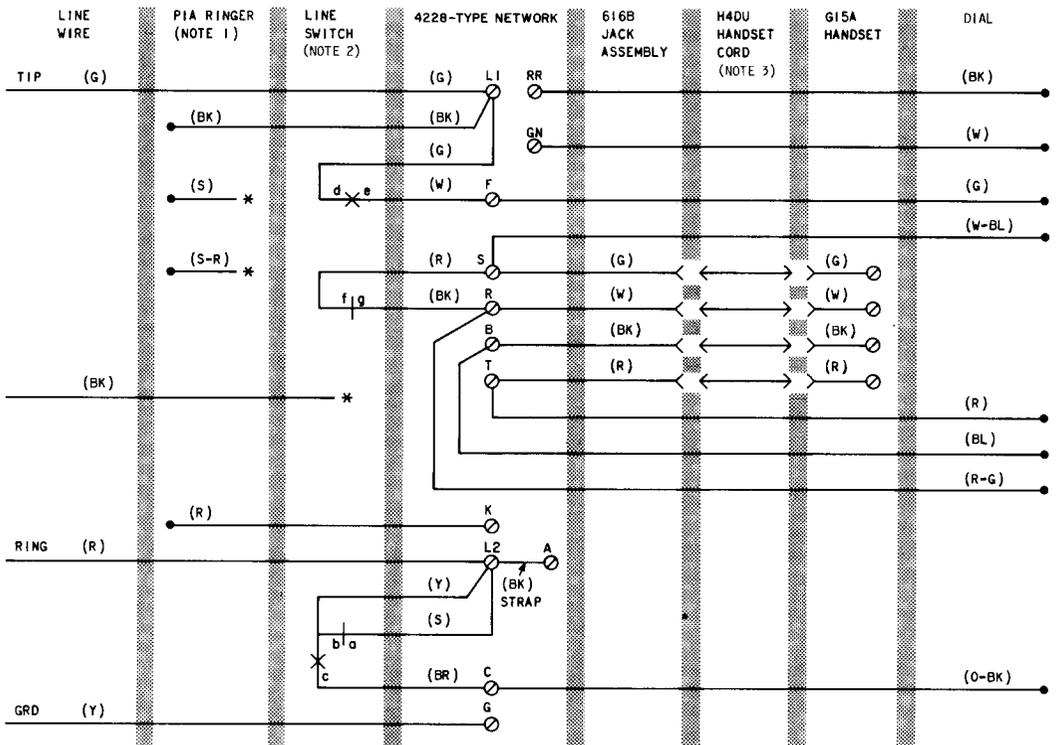
WIRE OR LEAD		COLOR	INDIV. OR BRIDGED	RING PARTY	TIP PARTY		
					NO. IDENT. GROUND	IDENT. GRD.	
						1000 Ω	2650 Ω
Line Wire or 523A3 Plug Assy Leads (Note 2)	Tip	G	L1	L1	L2	L2	L2
	Ring	R	L2	L2	L1	L1	L1
	Grd	Y	G	G	G	G	G
	Spare	BK	*	*	*	*	*
Ringer Leads (Note 1)		BK	L1	G	G	G	G
		S	*	*	*	B	*
		S-R	*	*	*	*	B
		R	K	K	K	K	K
Line Switch		W	F	F	C	C	C
		S	L2†	L2†	L2†	A	A
		BR	C	C	F	F	F
BK Strap			L2-A	L2-A	L2-A	*-A	*-A

* Insulate and store

† On some sets (S) line switch lead is connected to A of network.

Notes 1: To silence ringer for all classes of service, refer to appropriate ringer section in Division 501.

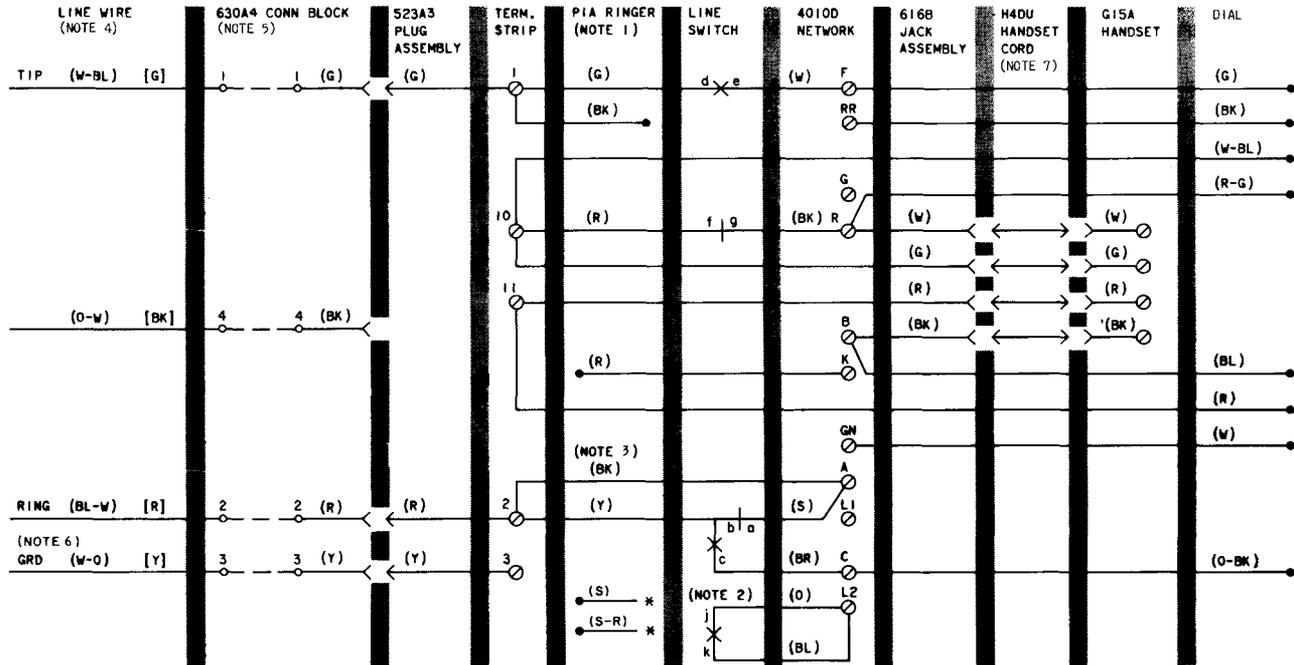
2: 523A3 plug assembly does not have a (BK) lead.



NOTES:

1. WIRED FOR BRIDGED RINGING, REFER TO TABLE C FOR ALL OTHER CLASSES OF SERVICE.
 2. ON SOME SETS (S) LINE SWITCH LEAD IS CONNECTED TO A OF NETWORK.
 3. H4DU CORD MUST BE ORDERED SEPARATELY.
- * INSULATED AND STORED.

Fig. 4—2554BM (MD) Telephone Set Equipped with 4228K Network, Connections

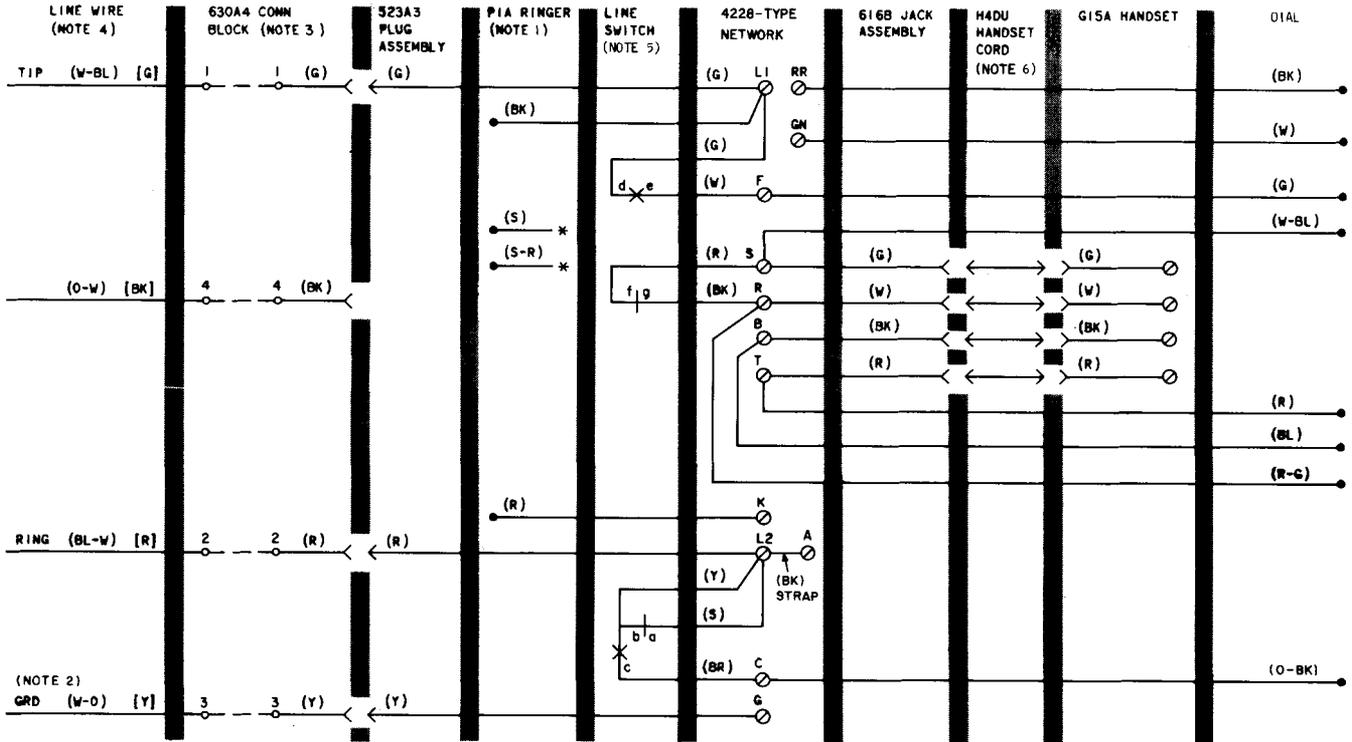


NOTES:

1. WIRED FOR BRIDGED RINGING, REFER TO TABLE B FOR ALL OTHER CLASSES OF SERVICE.
2. CURRENT PRODUCTION SETS DO NOT HAVE CONTACTS j-k AND ASSOCIATED (O) AND (BL) LEADS.
3. STRAP ON CURRENT VERSION ONLY.
4. () INSIDE WIRE COLOR CODE
[] D-STATION WIRE COLOR CODE
5. QUICK CONNECT TERMINALS ON 630A4 CONN BLOCK.
6. SIGNAL GROUND SHALL BE PROVIDED IN ALL MODULAR INSTALLATIONS REGARDLESS OF WHETHER IT IS REQUIRED FOR SERVICE INITIALLY PROVIDED.
7. H4DU CORD MUST BE ORDERED SEPARATELY.

* INSULATED AND STORED

Fig. 5—2554BMP Telephone Set Equipped with 4010D Network, Connections

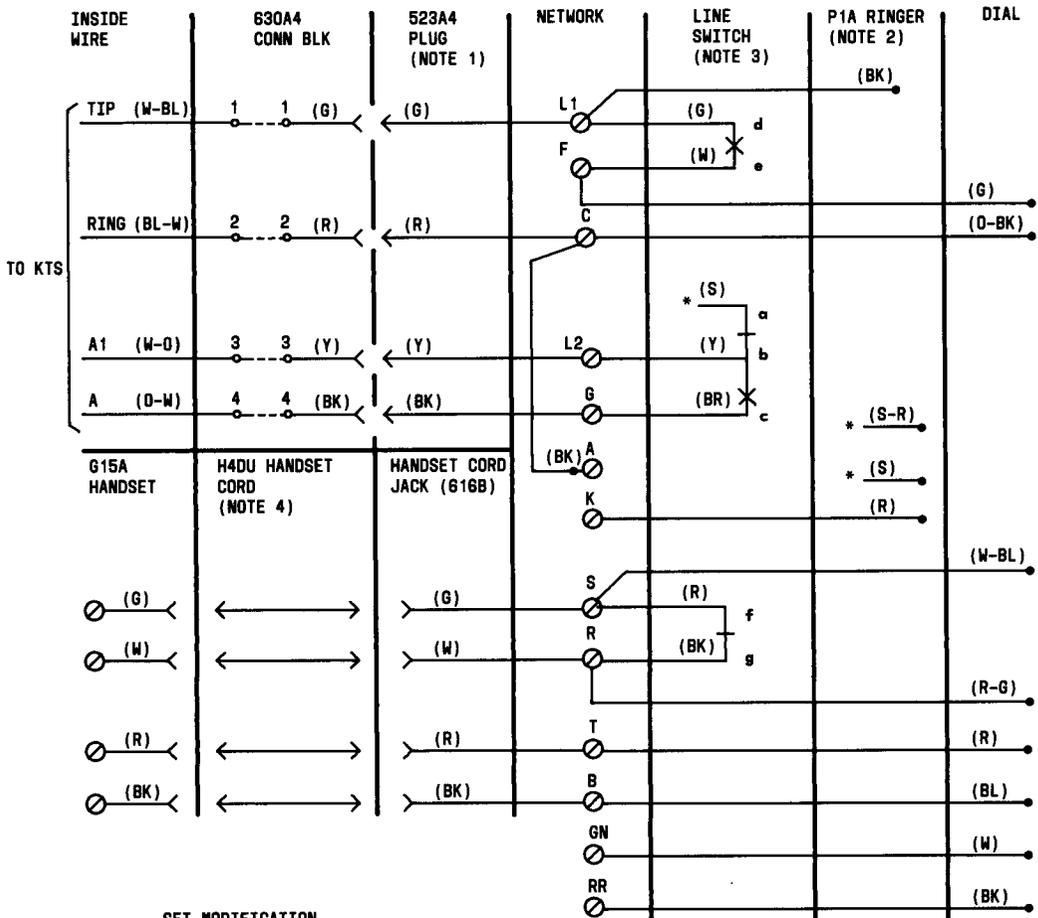


NOTES:

1. WIRED FOR BRIDGED RINGING, REFER TO TABLE C FOR ALL OTHER CLASSES OF SERVICE.
2. SIGNAL GROUND SHALL BE PROVIDED IN ALL MODULAR INSTALLATIONS REGARDLESS OF WHETHER IT IS REQUIRED FOR THE SERVICE INITIALLY PROVIDED.
3. QUICK CONNECT TERMINALS ON 630A4 CONN. BLOCK.
4. () INSIDE WIRE COLOR CODE
[] D-STATION WIRE COLOR CODE

5. ON SOME SETS (S) LINE SWITCH LEAD IS CONNECTED TO A OF NETWORK.
6. H4DU CORD MUST BE ORDERED SEPARATELY.
- * INSULATED AND STORED

Fig. 6—2554BMP Telephone Set Equipped with 4228K Network, Connections



SET MODIFICATION

LEAD	COLOR	FROM	TO
523A4 PLUG	G		L1
	R		C
	Y		L2
	BK		G
LINE SWITCH	S	L2	*
	BR	C	G
STRAP	BK	L2	C

NOTES:

1. REPLACE 523A3 PLUG WITH 523A4 PLUG, ORDERED SEPARATELY.
2. WIRED FOR INDIVIDUAL OR BRIDGED RINGING.
3. TO PREVENT FALSE HOLD CONDITION WHEN GOING ON-HOOK, THE TIP AND RING CONTACTS OF THE LINE SWITCH MUST BREAK BEFORE "A" LEAD CONTACTS. (FIELD ADJUSTMENT OF LINE SWITCH NOT RECOMMENDED).
4. H4DU CORD MUST BE ORDERED SEPARATELY.

* INSULATE AND STORE

Fig. 7—►2554BMP Telephone Set Modified for A-Lead Control◄