

## TELEPHONE SETS

### 881C111 AND 2881C111

#### 1. GENERAL

1.01 This section contains identification, installation, and connection information for the 881C111 (Fig. 1) and 2881C111 DESIGN LINE\* telephone (The SNOOPY & WOODSTOCK® Phone\*\*) sets.

\*Trademark AT&TCo.

\*\*Housing manufactured by American Telecommunication Corporation.

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**Warning: Telephone apparatus or wiring shall not be installed in a location where minimum separation from other wiring as specified in Section 460-200-149 cannot be maintained.**

1.02 Whenever this section is reissued the reason for reissue will be listed in this paragraph.

1.03 The customer's premises must be properly wired with an appropriate connecting block or jack in order to accept the D4BU-29 plug-ended mounting cord.

#### 2. IDENTIFICATION

2.01 The 881C111 (rotary dial) and 2881C111 (TOUCH-TONE® dial) equipped telephone sets are new DESIGN LINE telephone sets being made available to the customer. The customer buys the housing and handset from the telephone company and the telephone company retains ownership of the transmission and signaling components.

2.02 Refer to Table A for available codes and ordering information.



Fig. 1—881C111 DESIGN LINE Telephone Set

2.03 These telephone sets are intended to be used as single line or two-party desk sets and are not recommended for use on four- and eight-party service.

#### 3. INSTALLATION AND CONNECTIONS

3.01 These telephone sets are furnished from the factory fully assembled and wired for bridged ringing. To connect the telephone set, plug the mounting cord into a 625-type connecting block or if the existing jack is a 548A or equivalent, use the 1A converter, ordered separately.

#### NOTICE

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

TABLE A  
ORDERING GUIDE

TEL SET CODE	DIAL	TRMTR UNIT	RCVR UNIT	HANDSET CORD JACK	MTG CORD JACK	HANDSET CORD	MTG CORD	HANDSET ASSY	RINGER	NET.
881C111	8HA-120	T1	U3	616P	623P4	H4DU-58	D4BU-29	841391238	P1A	4228A
2881C111	35AH3D	T1	U3	616P	623P4	H4DU-58	D4BU-29	841391238	P1A	4228B

**3.02** Connections for the 881C111 and 2881C111 telephone sets, for nonkey system use, are shown in Fig. 4 and 5.

**3.03** Connections for 1A KTS require no telephone set modifications and are wired same in Fig. 4 and 5.

**3.04** If these sets are to be used with 1A1 or 1A2 key telephone system the set must be modified by moving the brown (BR) line switch lead from L2 to G on the network.

**3.05** To gain access to the interior of these sets for wiring changes, refer to Part 4.

**3.06** *Line and Ringer Connections.*

- (1) For single line and two-party service, refer to Tables B and C.
- (2) For adjustments and ringer cutoff feature of the P1A ringer, refer to Section 501-259-101.

**3.07** When needed, a polarity guard assembly can be mounted to the right hand dial mounting bracket. Refer to Table D for connections.

**4. REMOVAL OF TELEPHONE COMPANY-OWNED COMPONENTS**

**4.01** When it is desired to discontinue telephone service of these DESIGN LINE telephone sets, proceed as follows.

**Note:** Remove telephone company-owned components that can be easily removed. To provide the appearance of a complete telephone set, components such as the dial and handset cord will remain with the telephone set.

- (1) Remove four base mounting screws from the bottom of the telephone set (Fig. 2) and remove bottom base.
- (2) Remove two line switch mounting screws and remove line switch (Fig. 3).
- (3) Remove two network and two ringer mounting screws from the base and remove network and ringer (Fig. 3).
- (4) Unscrew transmitter and receiver caps and remove transmitter and receiver units.

**4.02** Follow local procedures for returning telephone company-owned components.

**4.03** When it is desired to return a set to Western Electric for repair, it should be packed using the D-180867 Kit of Parts which contains packing materials and instructions.

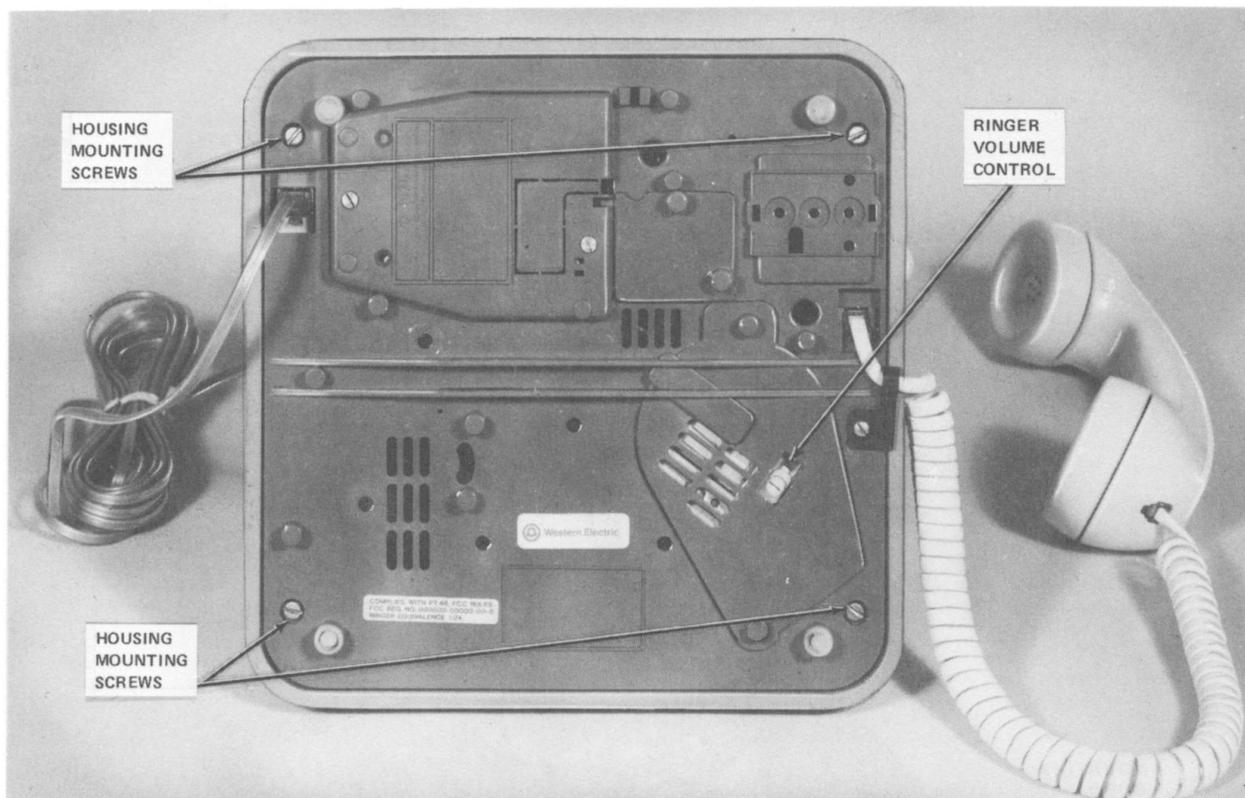


Fig. 2—881C111 or 2881C111 Telephone Set, Bottom View

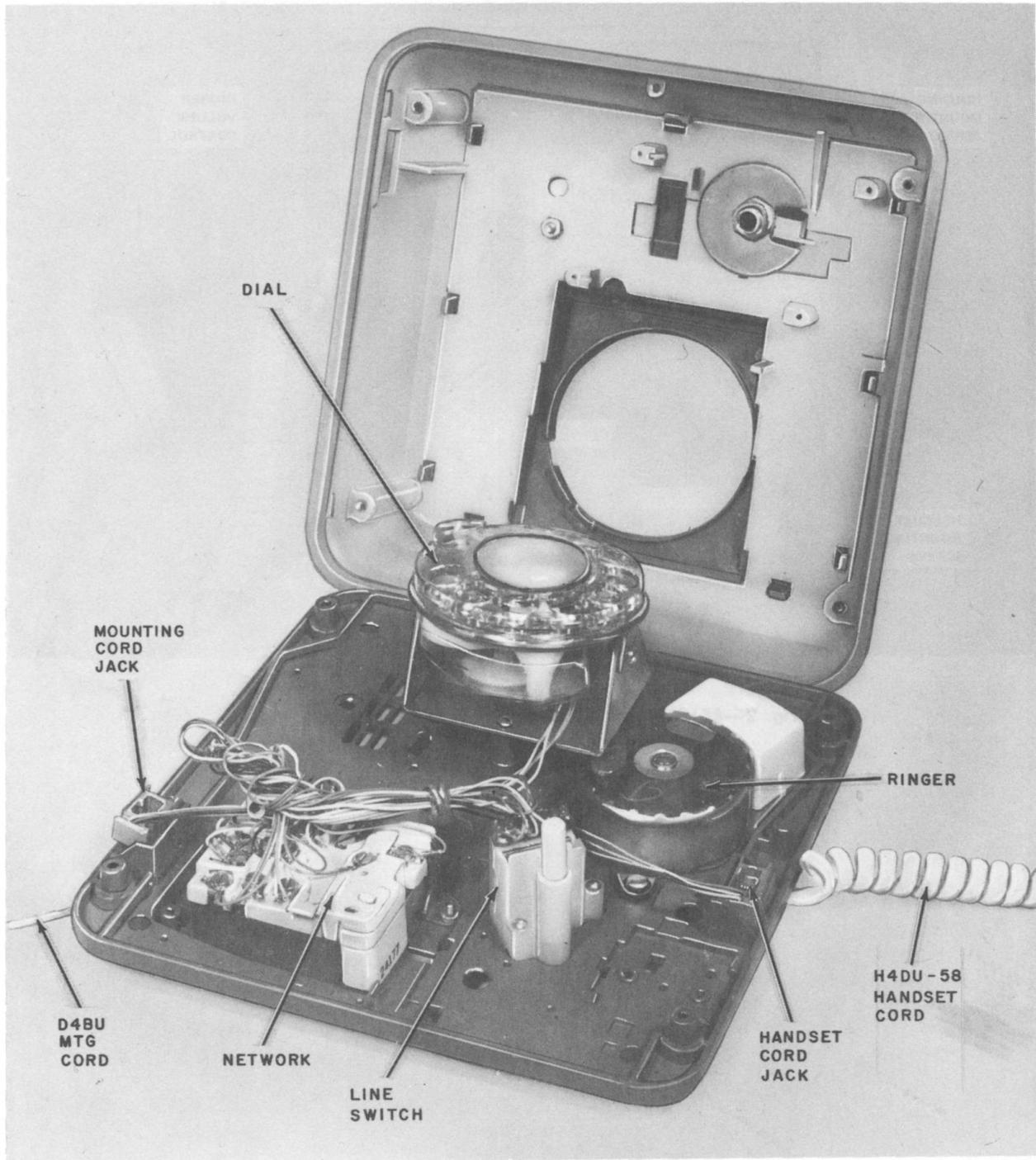


Fig. 3—881C111 Telephone Set With Housing Open

**TABLE B**  
**LINE AND RINGER CONNECTIONS**  
**(881C111 TELEPHONE SET)**

WIRE OR LEAD	COLOR	INDIVID. OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT GROUND	IDENT GROUND	
					1000Ω	2650Ω
Inside Wire at Conn Blk	R	R	R	R	R	R
	G	G	G	G	G	G
	Y	Y	Y	Y	Y	Y
	BK	B	B	B	B	B
623P4 Line Cord Jack Assy	R	A	A	L1	F	F
	G	L1	L1	A	L2	L2
	Y	G	G	G	G	G
	BK	L2	L2	L2	*	*
Ringer	R	K	K	K	K	K
	S-R	*	*	*	*	L1
	S	*	*	*	L1	*
	BK	L1	G	G	G	G
Line Switch	W	F	F	F	B	B
	BL	C	C	C	*	*
	BL-W	A	A	A	*	*
	BR	L2	L2	L2	C	C
	S	L2	L2	L2	A	A

\* Insulated and stored.

TABLE C  
LINE AND RINGER CONNECTIONS  
2881CIII TELEPHONE SET

WIRE OR LEAD	COLOR	INDIVID. OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT GROUND	IDENT GROUND	
					1000Ω	2650Ω
Inside Wire at Conn Blk	R	R	R	R	R	R
	G	G	G	G	G	G
	Y	Y	Y	Y	Y	Y
	BK	B	B	B	B	B
623P4 Line Cord Jack Assy	R	A	A	L1	C	C
	G	L1	L1	A	L2	L2
	Y	G	G	G	G	G
	BK	L2	L2	L2	*	*
Ringer	R	K	K	K	K	K
	S-R	*	*	*	*	L1
	S	*	*	*	L1	*
	BK	L1	G	G	G	G
Line Switch	W	F	F	F	B	B
	G	L1	L1	A	L1	L1
	BL	C	C	C	*	*
	BL-W	A	A	L1	*	*
	BR	L2	L2	L2	F	F
	S	L2	L2	L2	A	A

\* Insulated and stored.

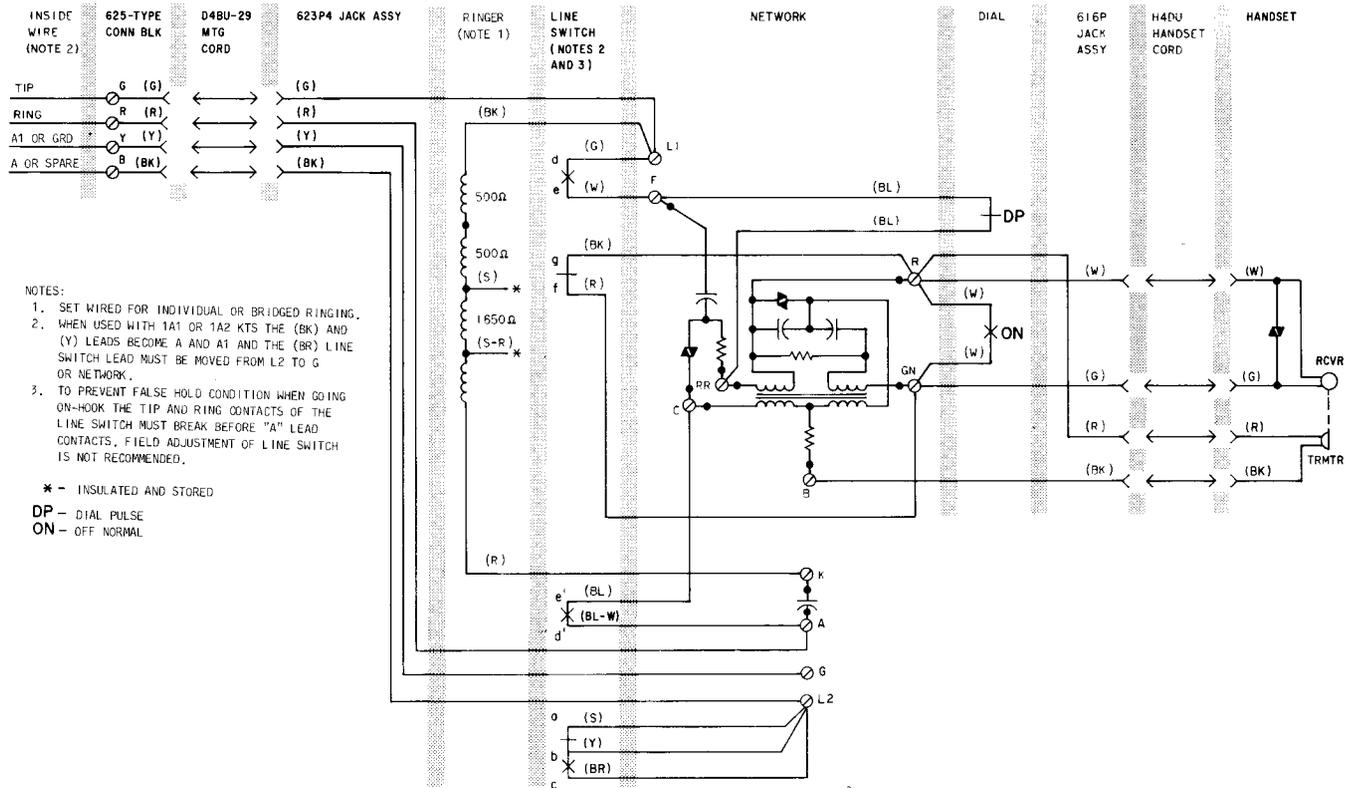
TABLE D

**POLARITY GUARD CONNECTIONS  
FOR 2881CIII TELEPHONE SET  
819040528 (P-90D052) GUARD ASSEMBLY**

LEAD	COLOR	DIS- CON- NECT FROM	CONNECT TO	
		NET.	NET.	POLARITY GUARD
Dial	BK	RR		T
Line Switch	BL (Note 1)	C		S
623P4 Line Cord Jack Assy	R (Note 2)			
Polarity Guard	G		RR	
	W		C	

*Notes:*

1. If wired for bridged service, ring party, tip party with no identification ground, or 1A1 or 1A2 KTS.
2. If wired for tip party with identification ground.



- NOTES:
1. SET WIRED FOR INDIVIDUAL OR BRIDGED RINGING.
  2. WHEN USED WITH 1A1 OR 1A2 KTS THE (BK) AND (Y) LEADS BECOME A AND A1 AND THE (BR) LINE SWITCH LEAD MUST BE MOVED FROM L2 TO G OR NETWORK.
  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 IS NOT RECOMMENDED.

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

Fig. 4—881C111 Telephone Set, Connections

