

TELEPHONE SETS

940-TYPE

IDENTIFICATION, INSTALLATION, AND CONNECTIONS

1. GENERAL

1.01 This section provides identification, installation, and connection information for the 940A, 940B, and 940C (Fig. 1) DESIGN LINE* telephone (Celebrity) sets.

* Trademark

Warning: Telephone apparatus or wiring shall not be installed in a location where minimum separation from other wiring as specified in Section 460-300-149 cannot be maintained.



Fig. 1—940-Type DESIGN LINE Telephone Set

1.02 The customer's premises must be properly wired with an appropriate jack in order to accept the D4BU-29 plug-ended mounting cord and/or 225A adapter furnished with each telephone set.

2. IDENTIFICATION

2.01 The 940A, 940B, and 940C rotary dial equipped telephone sets being made available to the customer. The customer buys the housing, handset, and decorative features from the telephone company and the telephone company retains ownership of the transmission and signaling components which are mounted on a removable base and incorporated in the handset (Fig. 2, 3, 4, and 5).



Fig. 2—Customer-Owned Components 940A or 940B Telephone Set

Ordering Guide (Refer to Table A)

2.02 Basic Telephone Set Ordering Information:

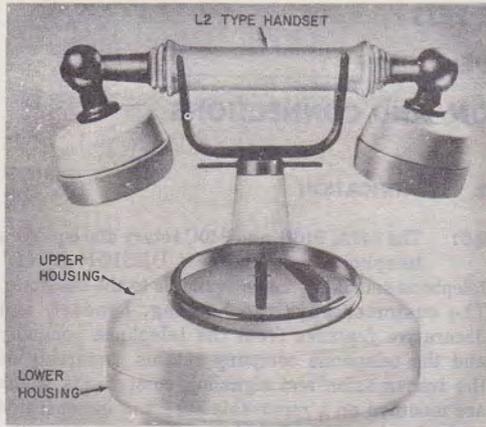


Fig. 3—Customer-Owned Components, 940C Telephone Set

Example: Set, Telephone, 940A40-50† is an ivory set equipped with a rotary dial and a chrome trim applique (Fig. 1).

† Refer to Table A for available color and applique information.

2.03 These telephone sets are intended to be used as single line or two-party common battery desk sets and cannot be used 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 625A jack or if the existing jack is a 548A or equivalent, use the 225A adapter furnished with each set.

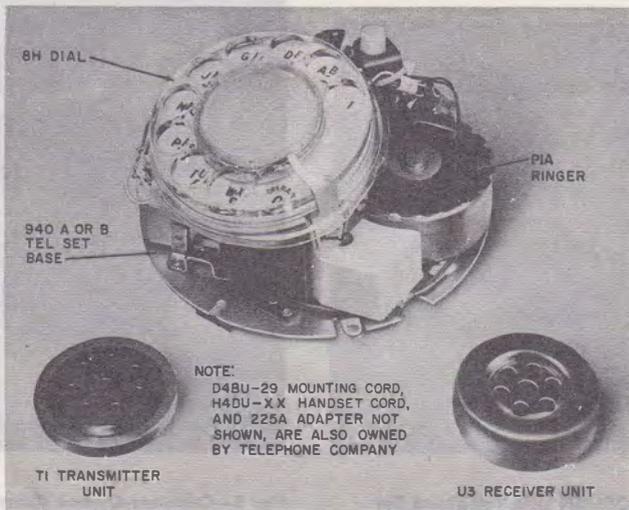


Fig. 4—Telephone Company-Owned Components, 940A or 940B Telephone Set

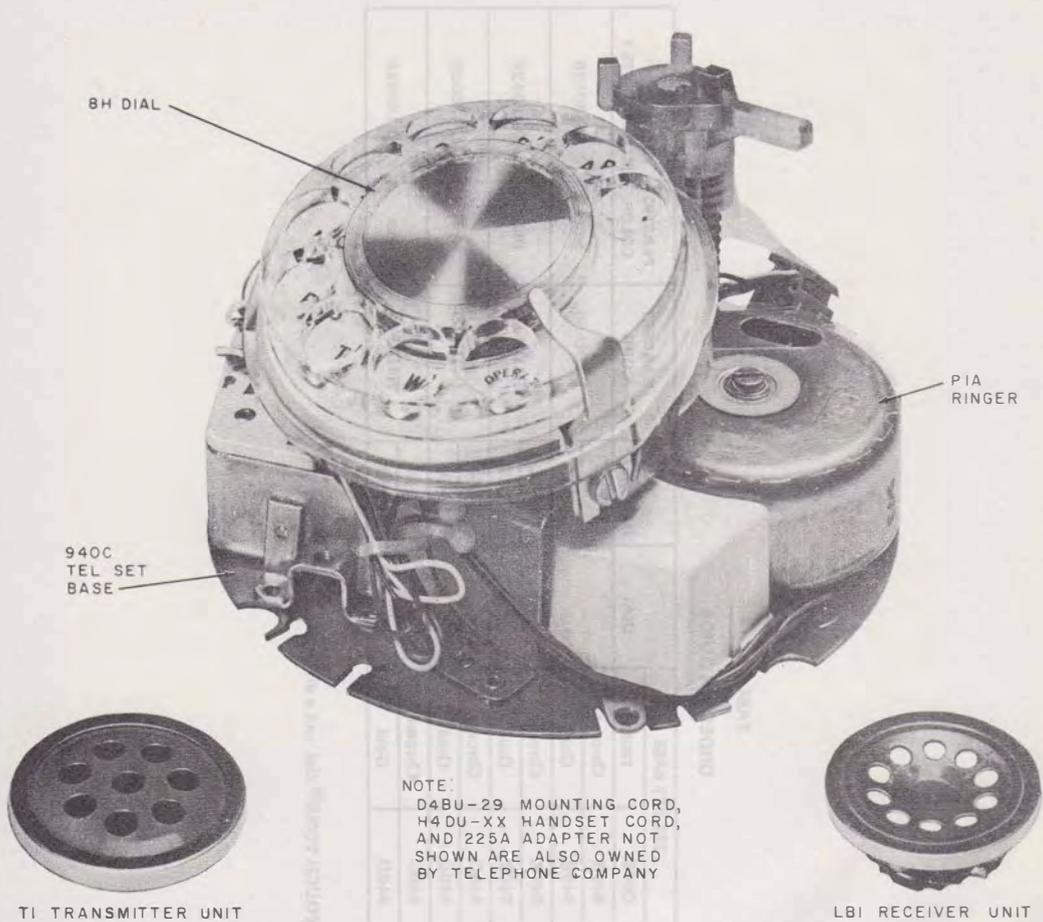


Fig. 5—Telephone Company-Owned Components, 940C Telephone Set

3.02 The internal connections for the 940-type telephone sets nonkey system use is shown in Fig. 8.

3.03 Connections for 1A KTS do not require any telephone set modifications and are wired same as Fig. 8.

3.04 Connections for use with 1A1 or 1A2 KTS are shown in Fig. 9. Table C includes necessary wiring modifications required for 1A1 or 1A2 key telephone system use.

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 Table B.
- (2) For adjustments and ringer cutoff feature of the P1A ringer, refer to Section 501-259-101.

TABLE A
ORDERING GUIDE

TEL SET			TEL SET BASE		DIAL	HANDSET	HANDSET CORD	PLASTIC COLOR	KIT OF PARTS †
USOC *	CODE	TRIM	CODE	TRIM					
DL5VS	940A40-50	Chrome	940A	Chrome	RTY	L1A-50	H4DU-50	Ivory	D-180526
DL5VG	940B40-50	Gold	940B	Gold		L1B-50			
DL5LS	940A40-62	Chrome	940A	Chrome		L1A-62	H4DU-62	Blue	D-180528
DL5LG	940B40-62	Gold	940B	Gold		L1B-62			
DL5VS	950C40-50	Chrome	940C	Chrome		L2A-50	H4DU-50	Ivory	D-180526
DL5VG	940C41-50	Gold	940D	Gold		L2B-50			
DL5LS	940C40-62	Chrome	940C	Chrome		L2A-62	H4DU-62	Blue	D-180528
DL5LG	940C41-62	Gold	940D	Gold		L2B-62			

* Uniform service order code.

† Consists of a dummy rotary dial, a dummy TOUCH-TONE® dial, and a dummy handset.

TABLE B

**LINE AND RINGER CONNECTIONS
(940-TYPE TELEPHONE SETS)†**

WIRE OR LEAD	COLOR	INDIVID. OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT GROUND	IDENTIFYING GROUND	
					1000Ω	2650Ω
Inside Wire at Jack	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 Jack Assy at Net,	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	Y	A	A	A	L2	L2
	W	F	F	F	B	B

* Insulated and stored.

† For access to set wiring follow applicable steps in Part 4.

TABLE C

**MODIFICATIONS FOR 1A1 OR 1A2 KTS
(940-TYPE TELEPHONE SET)***

LEAD	COLOR	NET TERM.	
		REMOVE FROM	CONNECT TO
Line Switch	S	A	L2
	Y	A	L2
	BR	C	G
	G	L1	A
	W	F	C
623P4 Jack Assy	G	L1	F
Ringer	BK	L1	F

* For access to set wiring follow applicable steps in Part 4.

4. REMOVAL OF TELEPHONE COMPANY-OWNED COMPONENTS

4.01 When it is desired to discontinue telephone service of the 940-type design line telephone set proceed as follows:

- (1) Remove handset cord from handset and telephone set base.
- (2) Remove mounting cord from telephone set base.
- (3) Remove three housing mounting screws located on bottom outer edge of the baseplate (Fig. 6 or 7).
- (4) Remove upper and lower housing by lifting them off.
- (5) Install dummy rotary dial from the appropriate D-kit of parts listed in Table A.

6

(6) Reassemble upper and lower housings (less telephone set base) using the three housing mounting screws (Fig. 6 or 7).

(7) Replace the customer's present handset with a new handset which does not contain a receiver and transmitter unit. The receiver and transmitter unit caps are bonded to the telephone set handle and cannot be removed.

(8) Plug the disconnect handset cord into the dummy handset and base.

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

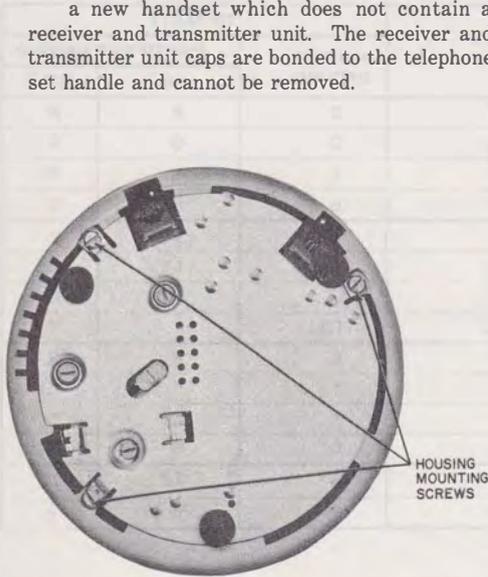


Fig. 6—940A or 940B Telephone Set, Bottom View

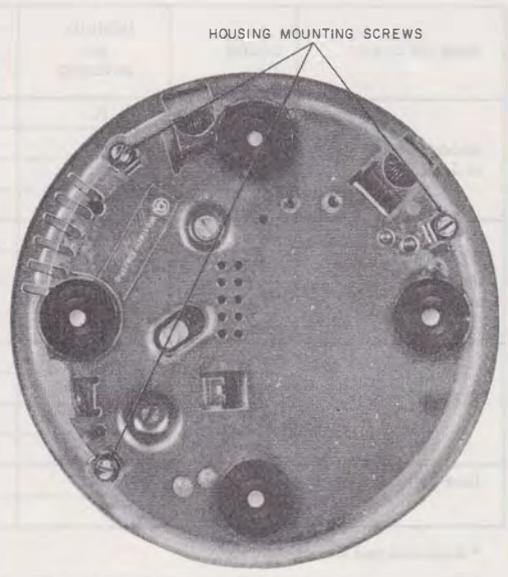
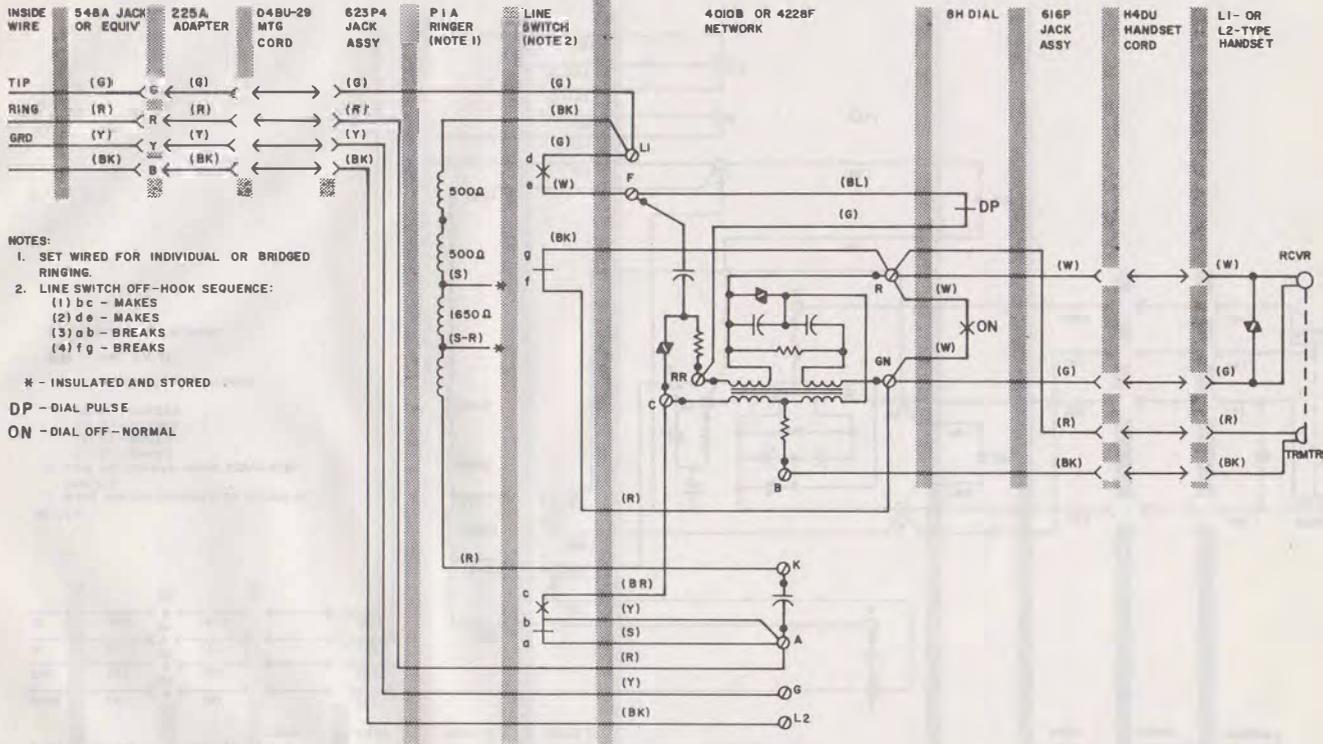


Fig. 7—940C Telephone Set, Bottom View

Part No.	Quantity	Part No.	Quantity
1	1	2	1
3	1	4	1
5	1	6	1
7	1	8	1
9	1	10	1
11	1	12	1
13	1	14	1
15	1	16	1
17	1	18	1
19	1	20	1
21	1	22	1
23	1	24	1
25	1	26	1
27	1	28	1
29	1	30	1
31	1	32	1
33	1	34	1
35	1	36	1
37	1	38	1
39	1	40	1
41	1	42	1
43	1	44	1
45	1	46	1
47	1	48	1
49	1	50	1
51	1	52	1
53	1	54	1
55	1	56	1
57	1	58	1
59	1	60	1
61	1	62	1
63	1	64	1
65	1	66	1
67	1	68	1
69	1	70	1
71	1	72	1
73	1	74	1
75	1	76	1
77	1	78	1
79	1	80	1
81	1	82	1
83	1	84	1
85	1	86	1
87	1	88	1
89	1	90	1
91	1	92	1
93	1	94	1
95	1	96	1
97	1	98	1
99	1	100	1



- NOTES:**
- SET WIRED FOR INDIVIDUAL OR BRIDGED RINGING.
 - LINE SWITCH OFF-HOOK SEQUENCE:
 - bc - MAKES
 - de - MAKES
 - ab - BREAKS
 - fg - BREAKS

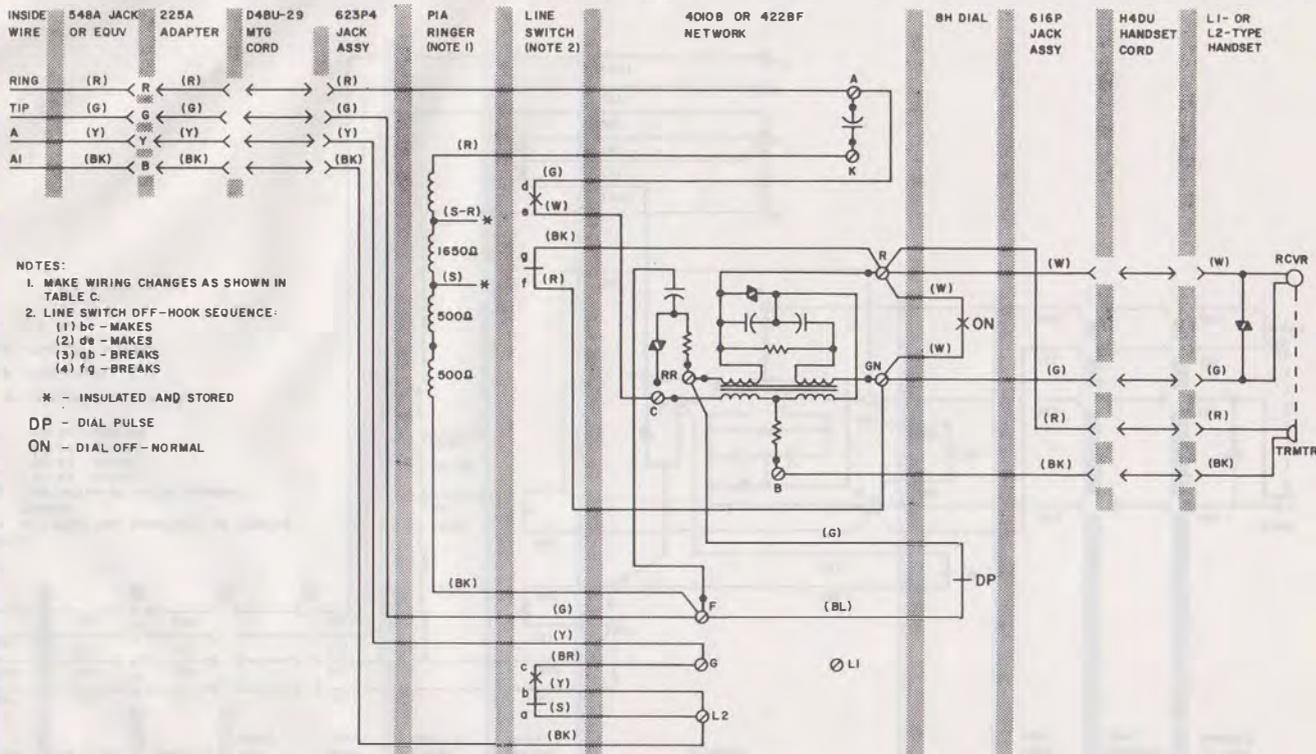
* - INSULATED AND STORED

DP - DIAL PULSE

ON - DIAL OFF-NORMAL

Fig. 8—940-Type Telephone Set, Connections





NOTES:
 1. MAKE WIRING CHANGES AS SHOWN IN TABLE C.
 2. LINE SWITCH OFF-HOOK SEQUENCE:
 (1) bc - MAKES
 (2) de - MAKES
 (3) gh - BREAKS
 (4) fg - BREAKS

* - INSULATED AND STORED

DP - DIAL PULSE
 ON - DIAL OFF-NORMAL

Fig. 9—940-Type Telephone Set Wired for 1A1 or 1A2 KTS