TELEPHONE SETS
911A1 AND 2911A1

1. GENERAL

1.01 This section contains identification, installation, and connection information for the 911A1 and 2911A1 (Fig. 1) DESIGN LINE* telephone (*Telstar*) sets.

*Trademark AT&TCo.



Fig. 1—2911A1-03 Telephone Set with Cover Open

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.

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.

2. IDENTIFICATION

2.01 The 911A1-03 (rotary dial) and 2911A1-03 (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.

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.

TABLE A

ORDERING GUIDE

TEL SET*	DIAL	RINGER	HANDSET	JACK IN HANDSET	TRMTR UNIT	RCVR UNIT	MTG CORD	MTG CORD JACK	CORD REEL
911A1-03	8HA-119	P1A	K1A-03	616W	T1	LB1	D4BU-29	623P4	5C
2911A1-03	35BB3D								

*These set are available in Black (—03) only.

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

2.04 ***Optional Component (ordered separately).***

- 819041708 (P-90D170) Guard Assembly.

3. INSTALLATION AND CONNECTIONS

3.01 These telephone sets are furnished from the factory fully assembled and wired for bridged ringing. The P1A ringer is shipped from the factory with the bias spring in the low bias position. 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.

3.02 The internal connections for the 911A1 and 2911A1 telephone sets, for nonkey system use, are shown in Fig. 2 and 3, respectively.

3.03 Connections for 1A KTS require no telephone set modifications and are the same as Fig. 2 and 3.

3.04 If these telephone 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 of network.

3.05 When needed, a polarity guard can be mounted on the two polarity guard bosses provided in the lower housing adjacent to the network.

4. REMOVAL OF TELEPHONE COMPANY-OWNED COMPONENTS

4.01 When it is desired to discontinue telephone service of the 911A1 or 2911A1 DESIGN LINE telephone set, remove the telephone company-owned components that are screwed to the lower housing or can otherwise be easily removed.

(1) Unplug the cord from the handset and remove the handset from the telephone set.

Note: If the 5C cord reel is removed disconnect spade-tipped leads at the network. Do not cut leads at cord reel end.

(2) Unplug the mounting cord from the base of the telephone set.

(3) Remove number card retainer and remove screw located under number card.

(4) Remove faceplate by pulling faceplate upward and sliding toward smoked cover, then bending slightly to pull off past cover.

(5) Loosen seven screws that hold upper housing to lower housing.

(6) Remove upper housing.

(7) Remove company-owned components.

(8) Reverse procedure to reassemble housings.

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 D-180600 Kit of Parts which contains packing material and instructions.

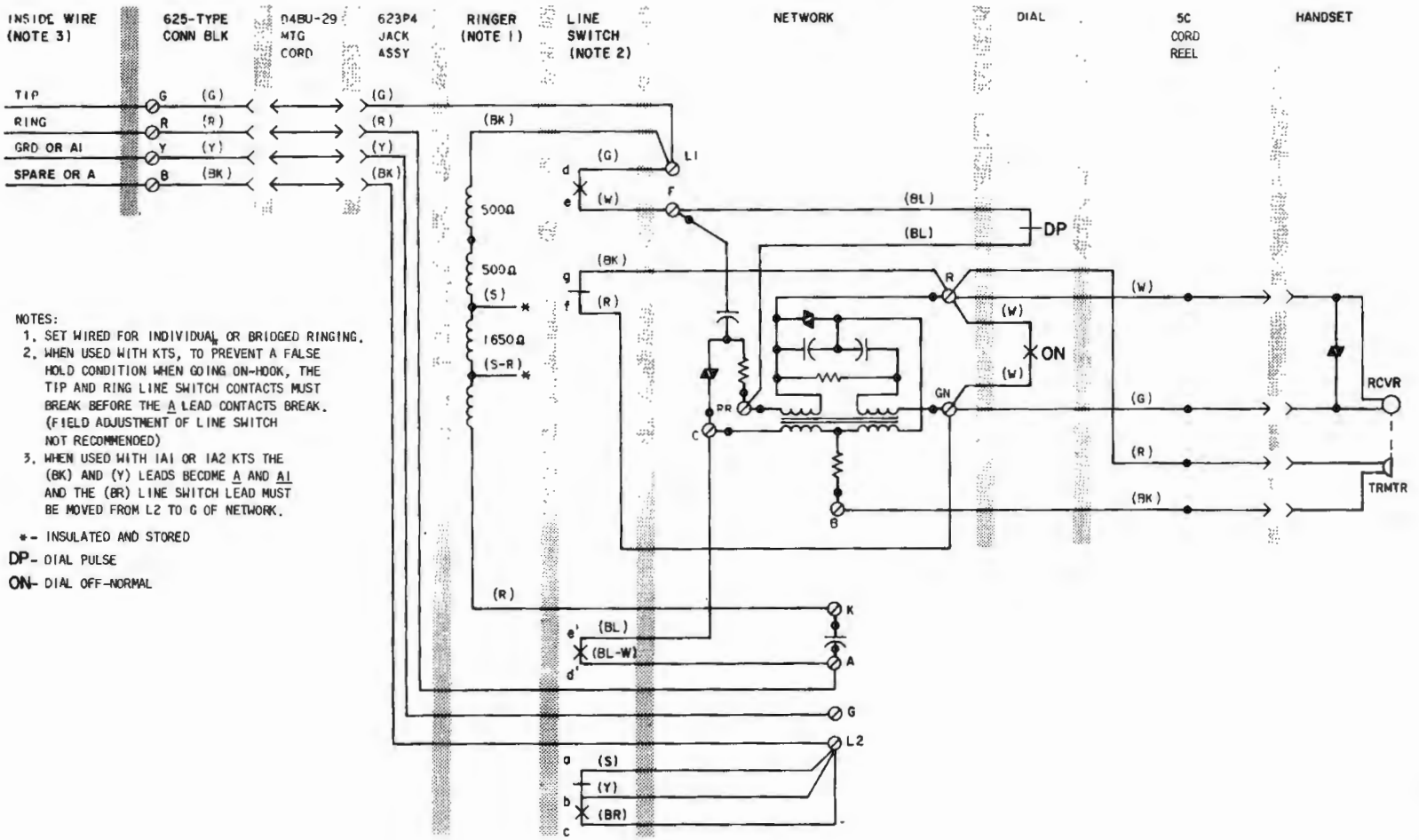


Fig. 2—911A1-03 Telephone Set, Connections

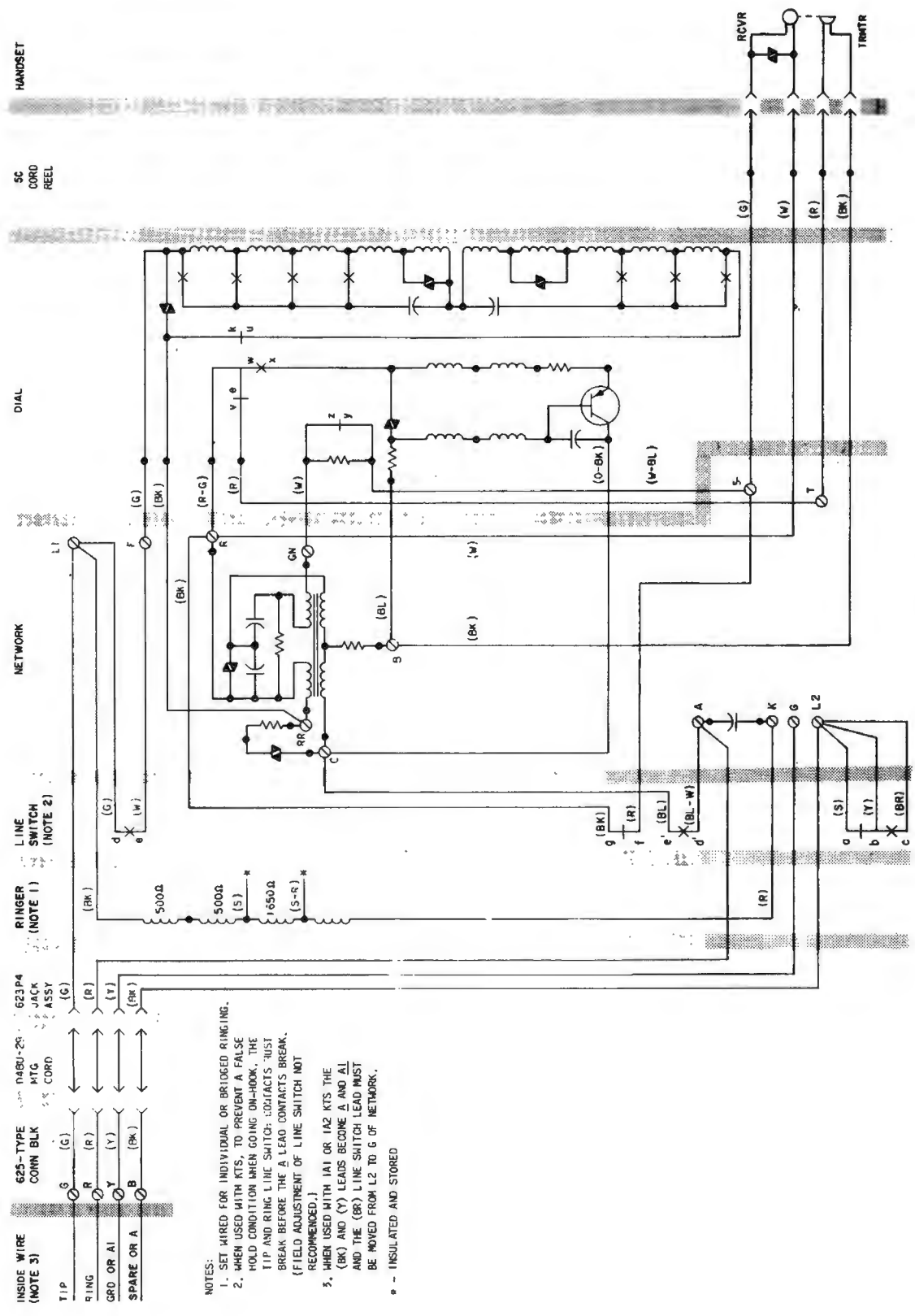


Fig. 3—2911A1-03 Telephone Set, Connections

TABLE B

LINE AND RINGER CONNECTIONS
(911A1 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
2911A1 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 2911A1 TELEPHONE SET 819041708 (P-90D170) 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.