

TELEPHONE SETS — 3568HH/HT

IDENTIFICATION, INSTALLATION, CONNECTIONS, AND MAINTENANCE

1. IDENTIFICATION

PURPOSE

- (a) Intended solely for use with specially engineered lines — *not for general telephone use.*
- (b) Information contained in this section was formerly found in Sections 502-532-100, Issue 1 and 502-532-440, Issue 1 which are canceled.

ORDERING GUIDE

Set, Telephone, 3568HH — (*)

Set, Telephone, 3568HT — (*)

(a) Replaceable Components

- Cord, Mounting D50W — (*)
- Dial, 66A3A (3568HT Telephone Set)

- Dial, 66A4B (3568HH Telephone Set)
- Handset, G3Y — (*)
- Key, 635A2
- Lamp, 51A
- P-29E279, Bracket, Arm, and Component Assembly (Includes N1A Ringer)
- P-88E5 — (*) Housing and Plunger Assembly
- P-89G2 — (*) Faceplate

(b) Replaceable Optional Components

- Buzzer, KS-8109L2

(*) Refer to Table A for color selection.

COLOR

TABLE A

COLOR ORDERING GUIDE

TELEPHONE SET*		FACEPLATE	
STANDARD COLOR	SUFFIX	COORDINATED COLOR	SUFFIX
Black	-03	Charcoal	-70
Green	-51	Light Green	-71
Red	-53	Charcoal	-70
Yellow	-56	Light Yellow	-72
White	-58	Light Gray	-73
Rose Pink	-59	Muted Pink	-74
Light Beige	-60	Muted Beige	-75
Light Gray	-61	Charcoal	-70
Aqua Blue	-62	Muted Blue	-76
Turquoise	-64	Muted Turquoise	-77



Fig. 1 — 3568-Type Telephone Set

* Refer to Section 500-120-100 for promoted colors.

DESIGN FEATURES

- Six-Button Set
- Common Ringer
- Exclusion Feature
- All Pickup Keys Convertible to Signaling
- 2-Wire Service
- 4-Wire Service
- Dial Illumination (3568HH)
- AC or DC operated buzzer (optional)
- Speakerphone (optional)

2. INSTALLATION**(a) Planning**

- Safety for yourself, customer, and maintenance personnel.
- Location — desk, table, console, etc.
- Space requirements.
- Distance between associated equipment and apparatus.
- General appearance of installation.

(b) Installing

- Install sets in accordance with standard installation procedures.
- Remove cord tip insulators on the D50W mounting cord when optional speakerphone and buzzer leads are connected.
- Install the KS-8109L2 buzzer, ordered separately, on arm of P-29E279 bracket assembly with hardware provided with assembly. Make sure buzzer is insulated from metal base of set.

3. CONNECTION INDEX

No wiring changes other than those specified in this section will be made.

Table B — Pickup-Signaling Key Conversion

Table C — Ringer Connections

Fig. 2 — 3568HH/HT Telephone Set, Connections

Refer to SD-69539-01

TABLE B**PICKUP-SIGNALING KEY CONVERSION**

NO. OF PICKUP KEYS	NO. OF KEYS CONV FROM PICKUP	NO. OF PRIV AND INTERCOM LINES WITH COMMON SYSTEMS	KEY POSITION AND LEAD*					
			B (O-W)	C (S-W)	D (G-R)	E (BL-BK)	F (BR-BK)	F (BR-W)
5	—	—	10	10	10	10	10	9
4	1	—	10	10	10	10	21	9
3	2	—	10	10	10	21	21	9
2	3	—	10	10	21	21	21	9
4	1	2	10	10	14	14	14	15
4	1	3	10	14	14	14	14	15

* All convertible key positions are arranged in the shop as pickup positions. To convert a key position from pickup (locking) to signal (nonlocking), remove the screw pin in the plunger. Store screw pins in telephone set by taping to base. Make connection changes. To convert from signaling to pickup, reverse procedures.

TABLE C
RINGER CONNECTIONS

RINGER OPTION		WIRE OR LEAD		CONNECT TO	
				NETWORK	TB2
When used as bridged ringer on any one line (Note 1)		Ringer	(R)	K	
			(BK)		6
		D50W cord	(S-Y)	A	
			(Y-S)		6
When used as Private line, Common Signal, or other use (Note 2)	With Capacitor	Ringer	(R)	K	
			(BK)		6
		D50W cord	(S-Y)	A	
			(Y-S)		6
	Without Capacitor	Ringer	(R)	A	
			(BK)		6
		D50W cord	(S-Y)	A	
			(Y-S)		6
Set ringer not used (Note 3)		Ringer	(R)	K	
			(BK)		6
		D50W cord	(S-Y)	A	
			(Y-S)		6

Notes 1: Connect cable pair associated with R or R1 (S-Y) and B or B1 (Y-S) to the desired 2-wire line.

2: The ringer may be connected with or without capacitor for private line, common, or intercom line signals as desired. When power failure feature is provided, a capacitor is required.

3: Do not terminate associated cable pair at distribution terminal if set ringer is not used.

4. MAINTENANCE

(a) Information contained in existing sections for 1500-type telephone sets applies to the 3568-type telephone sets.

(b) See appropriate sections for maintenance of individual components such as handsets, ringers, and dials.

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425G NETWORK

TB2

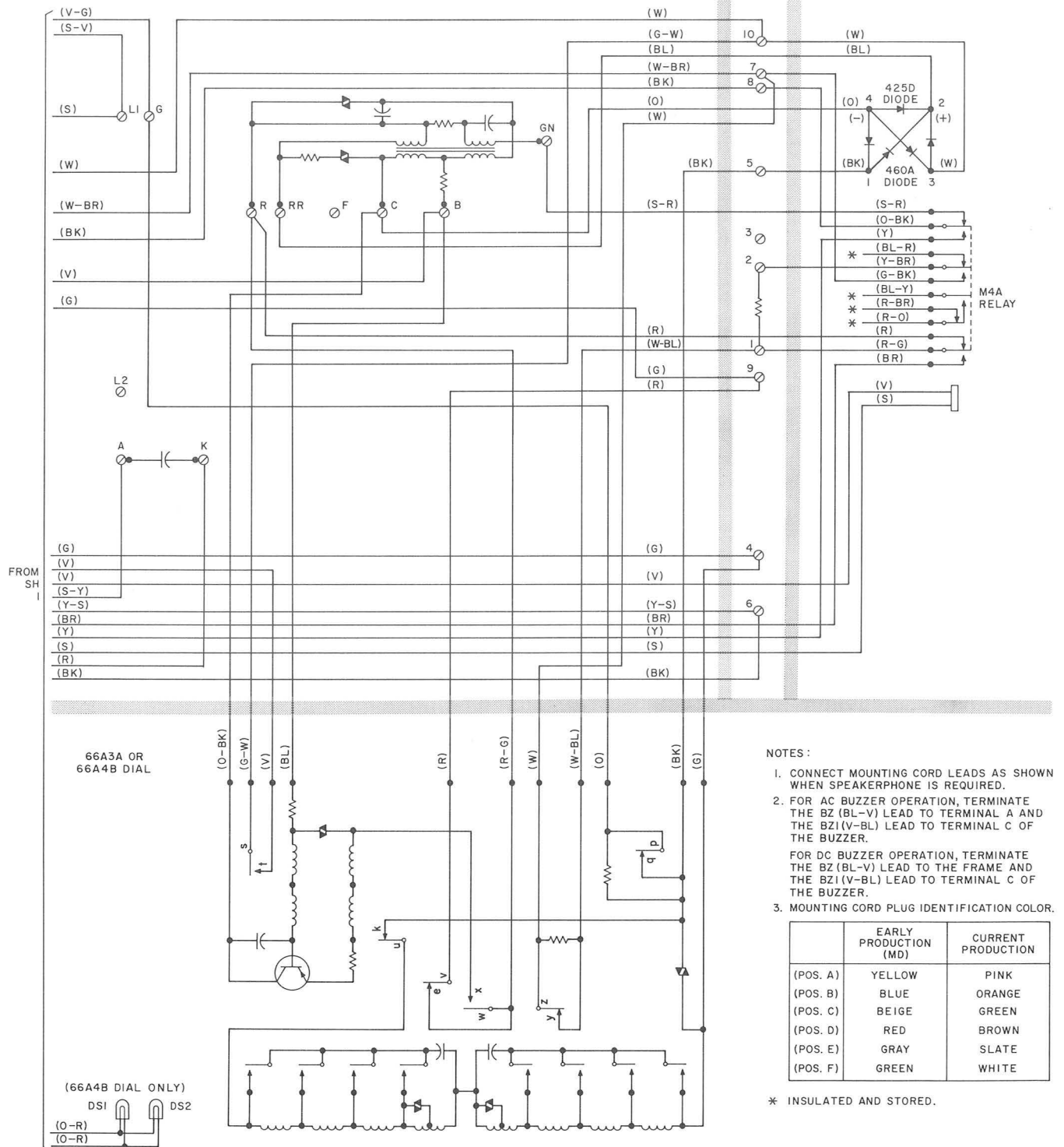
PRINTED WIRING
BOARD ASSEMBLY

Fig. 2 — 3568HH/HT Telephone Set, Connections (Sheet 2 of 2)

