

SEPARTELY MOUNTED KEYS

6021DN, 6027DA, 6027DB, 6028DA, 6040A, 6040B, AND 6040C

TERMINATIONS AT STATIONS

1. GENERAL

1.01 This addendum supplements Section C66.222, Issue 1. It is issued to include connection information and wiring changes for three additional keys coded 6040A, 6040B, and 6040C.

Add new paragraphs as follows:

1.04 The 6040A, 6040B, and 6040C keys may be used in the 1A or 1A1 key telephone systems and are furnished shop-wired for use in the 1A key telephone system. **To use these keys in the 1A1 key telephone system, certain wires within the key must be reterminated.**

1.05 The 6040A, 6040B, and 6040C key internal wiring changes and connections are shown in Tables 22.14 through 22.20.

2. KEY CABLE

Add new paragraph as follows:

2.04 Table 22.20 shows connection of key cable and cord to connecting block. Where cord is not required, key cable is brought directly into the key and terminated on key terminal strip. When removing cord, care should be taken that internal key leads equipped with spade tips are not disassociated from their respective terminals. (See Table 22.19.)

3. WIRING

Add new paragraph as follows:

3.02 Telephone set connections to the key are made through the cord to connecting block when used, or connected directly to the key when cord and connecting block are not used.

WIRING CHANGES FOR AUXILIARY CONTROL LEADS, CONVERTING 6040A AND 6040C KEYS FOR USE WITH 1A OR 1A1 KEY TELEPHONE SYSTEMS

TABLE 22.14

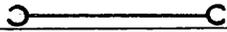
TYPE OF KEY	KEY TEL SYS	HOLD KEY LEADS		MIW CORD OR EQUIV 
		Y	Y-BK	
6040A	1A	R	M	ER ————— R
6040C	1A1	M	N	ER ————— N EH ————— N
6040B	1A 1A1			EH ————— M

TABLE 22.15

CONVERSION OF PICKUP KEYS TO SIGNALING KEYS —
WIRING CHANGES FOR 6040A, 6040B, AND 6040C KEYS

TYPE OF KEY	NO. OF PICKUP KEYS CONVERTED★	LAST KEY CONVERTED FOR USE AS COMMON SIG KEY FOR 2 OR 3 PRIVATE OR INTERCOM LINES✕	KEY LEADS COLOR	KEY TERM.
6040C	0		S-BR	M
	1		S-BR	SG
6040B	0		S-BR BK-BR W-BR	M M M
	1		S-BR BK-BR W-BR	M M SG
	2		S-BR BK-BR W-BR	M SG SG
	3		S-BR BK-BR W-BR	SG SG SG
6040A	0		Y-BR BR S-BR BK-BR	M M M X
	1		Y-BR BR S-BR BK-BR	M M M SG
	2		Y-BR BR S-BR BK-BR	M M SG X
	3		Y-BR BR S-BR BK-BR	M X SG X
	1	2	Y-BR BR S-BR BK-BR	M X 5H SG
	1	3	Y-BR BR S-BR BK-BR	X X 5H SG

Notes: ★ To convert a key position from pickup (locking) to signaling (nonlocking). Remove the screw detail P-12A892 entirely from the plunger at the key position to be converted. To convert a key position from signaling (nonlocking) to pickup (locking). Insert a screw detail P-12A892 into the plunger at the key position to be converted.

✕ The automatic cut-off feature of the 1A1 key telephone system cannot be used on a line connected to the common signaling key.

RINGER AND BUZZER CONNECTIONS ASSOCIATED WITH 6040A, 6040B, AND 6040C KEYS WHEN KEY CABLE IS CONNECTED DIRECTLY TO KEY

TABLE 22.16

TO RINGER OR BUZZER	KEY TERM. STRIP	
	IND LINE RINGER OR BUZZER★	COMMON RINGER OR BUZZER
LEAD DESIG		
R or R1	R	RR
B or B1	T	RT

Note: ★ 1R and 1T for first line, 2R and 2T for second line, etc.

RINGER AND BUZZER CONNECTIONS ASSOCIATED WITH 6040A, 6040B, AND 6040C KEYS WHEN KEY CABLE IS CONNECTED TO 44-TYPE CONNECTING BLOCKS AND A CORD IS USED TO CONNECT THE KEY

TABLE 22.17

TYPE RINGING CIRCUIT	TO RINGER OR BUZZER		CONN BLOCK	
	LEAD DESIG	ON LINE NO.	TERM.	NO.
INDIVIDUAL LINE RINGER	R or R1 B or B1	1	1 2	1
		2	6 7	
		3	3 8	
		4	4 5	2
		5	9 10	
		6	1 2	3
COMMON RINGER OR BUZZER		4 5		

TABLE 22.18 CUT-OFF KEY CONNECTIONS USING 6040C KEY WITH OR WITHOUT CORD

FEATURE	RINGER OR BUZZER LEADS		CUT-OFF KEY LEADS		LEADS TO CUT-OFF EXTENSION LINE EXTENSION STA OR RINGER	
	R OR RI	B OR BI	R-W	G-W	R	T
Cut-off Ringer Used As Line Ringer	CR (S-R)	CT (S-G)	R★	T★		
Cut-off Ringer Used As Common Ringer	CR (S-R)	CT (S-G)	RR (Y-BL)	RT (Y-W)		
Cut-off Extension Station and Transfer Line Ringer	XR (O-R)	XT (O-G)	R★	T★	CR (S-R)	CT (S-G)
Cut-off Tip and Ring of Any Line			R★	T★	CR (S-R)	CT (S-G)

Notes: () Cord conductors when key is equipped with cord.
 ★ 1R and 1T for 1st line, 2R and 2T for 2nd line, etc.

TABLE 22.19 CONNECTION OF INTERNAL LEADS EQUIPPED WITH SPADE TIPS

KEY LEADS	TYPE KEY		
	6040A	6040B	6040C
COLOR	TERM	TERM	TERM
R-W			ONI
G-W			ON
G	ET	ET	ET
Y	R	ER	R
Y-BK	M		M
Y-BR	M		
BK-BR	X	M	
W-BR		M	
S-BR	M	M	M
BR	M		
M1W CORD	ER-N	EH-M	ER-N

