

70C DIAL CONNECTIONS						
C & D COIN TEL SETS, 10 & 20 TYPE COINLESS TEL. SETS, 2755 TEL SET						AT&T 9/85
COMPONENT	WIRE COLOR	TB2 CONNECTIONS				NETWORK CONNECTIONS 10A, 10B, 20A, COINLESS
		C SET CF *	C SET DTF *	D SET	2755 SET	
70C DIAL	G	4	4	16 IF PRESENT OTHERWISE INS & STORE	1	C
	W	2	2	4	2	F
	R	3	3	3	3	R
	R-G	5	5	2	5	L2
	BL-R	3	3	6	3	R
	O-BK	11	11	6	11	RR
	O-R	10	15 IF PRESENT OTHERWISE INS & STORE	15 IF PRESENT OTHERWISE INS & STORE	INS & STORE	INS & STORE
	W-BL	8	8	8	8	R
	O-W	INS & STORE	12	13	INS & STORE	INS & STORE
	V	INS & STORE	13	10	INS & STORE	INS & STORE
	BR	15 IF PRESENT OTHERWISE INS & STORE	7	7	15 IF PRESENT OTHERWISE INS & STORE	INS & STORE
	BR	16 IF PRESENT OTHERWISE INS & STORE	10	7	16 IF PRESENT OTHERWISE INS & STORE	INS & STORE
SWITCHHOOK MERCURY SWITCH SH2 (IF PRESENT)	BR	11	15 IF PRESENT OTHERWISE INS & STORE	11	11	-
	BR	9	15 IF PRESENT OTHERWISE INS & STORE	9	INS & STORE	-
SWITCHHOOK	O	9	7	9	9	POLARITY GUARD-1
	O	11	10	11	11	T
	W	8	8	8	8	F
	V	3	3	3	3	GN
	R IF PRESENT	12	12	12	12	POLARITY GUARD-3
	G	13	11	12	13	K
	S	9	9	12	9	K
STRAP	S-W IF PRESENT	14	14	14	14	GN
	S	1 TO 4	1 TO 4	-	1 TO 4	C TO L1
HANDSET	W(Y)	8	8	8	8	R
	R	6	6	3	6	B
	BK	5	5	6	5	L2
	W(G)	2	2	4	2	F

\* **IMPORTANT-** WHEN USING A 70C DIAL IN A C-TYPE SET, A 31A3 COIN CHASSIS MUST BE USED UNLESS THE OLDER CHASSIS HAS BEEN UPDATED WITH A D-181388 KIT OF PARTS AS SHOWN IN THE DIAGRAM BELOW.

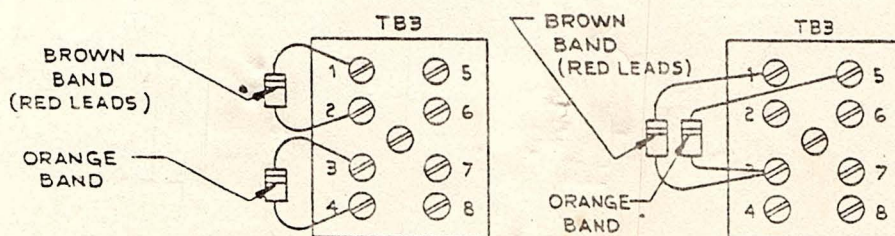
WHEN USING A 70C DIAL IN A C SET, DIAL TONE FIRST MODE, A 61C1 COIN DIAL UNIT MUST BE USED UNLESS THE OLDER COIN DIAL UNIT HAS BEEN UPDATED WITH A BLACK SWITCHHOOK SWITCH SLIDE. THIS SLIDE IS ALSO FOUND IN THE D-181388 KIT OF PARTS. COIN DIAL UNITS MANUFACTURED BEFORE 1974 WHICH HAVE THE OLD SPRING PILEUP TYPE LINE SWITCHES CANNOT SUPPORT THE 70C DIAL IN THE C TYPE SETS IN DIAL TONE FIRST MODE OF OPERATION.

### 31A AND 31A2 COIN CHASSIS UNIT MODIFICATION FOR 70C DIAL COMPATIBILITY

(31A3 COIN CHASSIS UNITS NEED NO MODIFICATION)

COIN FIRST

DIAL TONE FIRST



TWO DIODES (NONPOLARIZED) ADDED TO TB3  
PART OF D-181388 KIT OF PARTS

Instructions to Field Convert from the 70A or 70B Dial  
to the 70C Dial in the C2 and D2 type Coin Telephone Sets

1. Assure Chassis Compatibility with 70C Dial

- If the chassis is a 32A or 32B Chassis, no modification is necessary.
- If the chassis is a 31A, or 31A2 Chassis, add the two protection diodes (from D-181388 Kit of Parts) to the chassis terminals on TB3 as shown in the diagram provided with the Kit of Parts.
- If the chassis is a 31A3 Chassis, assure that the two protection diodes have not been removed. These diodes are shown in the diagram provided with the D-181383 Kit of Parts.

2. If the Coin Dial Unit is being replaced with a 61C type Coin Dial Unit:

Replace the Coin Dial Unit and connect the handset leads as indicated in the 70C Dial Connection Table, 845180785 provided with the new Coin Dial Unit, or in the D-181388 Kit of Parts. Assure that the Coin Dial Unit is wired for the proper mode of service.

- The 61C1 Coin Dial Unit is pre-wired for the C type Coin Telephone Sets in the DTF mode and contains a 70C Dial.
- The 61C2 Coin Dial Unit is pre-wired for the D type Coin Telephone Sets and contains a 70C Dial.

**Note:** The grounding strap provided with the 61C type Coin Dial Units is to be installed between the armored cord retainer screw and the nearest Coin Dial Unit mounting screw above the cord entrance.

3. If the Coin Dial Unit is not being replaced and is not a 61C type Coin Dial Unit:

- A. Determine compatibility with the 70C Dial. Coin Dial Units built with the older spring pile-up type switchhook switches are not compatible with the 70C Dial in the C type sets, Dial Tone First configuration. These older switches were used in units produced before 1974. These older Coin Dial Units can be used with the 70C Dial in the C type sets, Coin First configuration, and the D type sets.
- B. With dial removed from dial housing, loosen the two mounting screws for the switchhook switch mounting bracket until the switch slide can be carefully replaced with the black switch slide (845455195 from D-181388 Kit of Parts).
- C. Install the dial and connect the Coin Dial Unit wires as indicated in the 70C Dial Connection Table, 845180785 provided with the D-181388 Kit of Parts.