

INCOMING SELECTOR AND DIAL REPEATING TIE TRUNK MODULE

CONNECTIONS

701PK PBX

1 GENERAL

1.01 Connections for the incoming selector and dial repeating tie trunk module J58842C to the basic module of the 701PK PBX system consist of terminating two cables on the basic module, two power leads between the incoming selector module and the adjacent module, and jumper cross-connections of the tie trunks, selector multiple, and incoming selectors as required. A locally provided cable may also be required to provide tie trunk signaling. (See 1.04.)

1.02 The connection tables in this section have been prepared to serve three purposes:

- (a) To provide connection information.
- (b) To provide assignment forms for local cross-connecting and cabling requirements.
- (c) To provide permanent records of cross-connections and cabling.

Local reproduction and modification of the connection tables may be required if they are used for assignment forms or permanent records.

1.03 The terminal blocks on the modules are identified in this section as Fig. A, B, C, etc to conform to the figures shown on the specification drawing. Since these connecting blocks are not identified with factory stenciling, it is recommended that the A, B, C, etc designations be placed

on the terminal blocks in accordance with local instructions.

1.04 The dial repeating tie trunks are furnished with wiring connected to operate on a 2-wire basis and DX signaling or carrier, CX, SX, or SF signaling equipment located in the distant office. Make wiring changes to meet individual job requirements in accordance with T-65718-15. (See Table C.)

1.05 When connections are being made on initial installations, access to the various connecting blocks is easier if connections are made prior to placing module cabinets.

2. CONNECTIONS

2.01 Figure 1 provides a connection schematic for placing and connecting the various cables required for connecting the incoming selector and dial repeating tie trunk module to the basic module of the 701PK PBX system.

2.02 Figure 2 provides a connection schematic of the tie trunk, selector multiple, incoming selector jack, and switchboard jack cable and cross-connections when the incoming selector and dial repeating tie trunk module is added to the 100- or 200-line 701PK modules.

2.03 The connection tables in this section are self-explanatory. Cables and power leads not shown in connection tables should be connected in accordance with Figure 1.

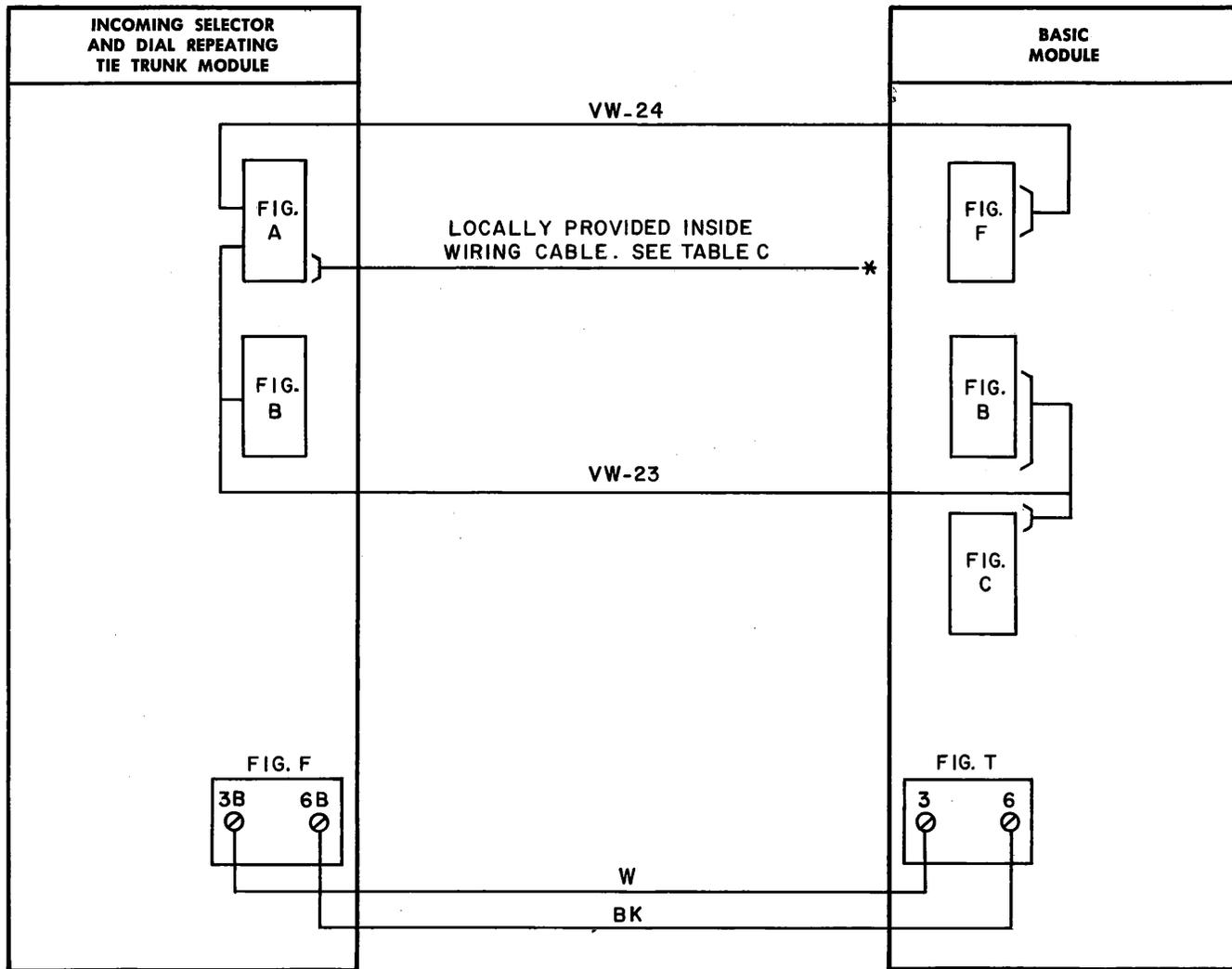


Fig. 1 — Cables and Power Leads for Connecting Incoming Selector and Dial Repeating Tie Trunk Module To Basic Module

TABLE B
CABLE CONNECTIONS
SWITCHBOARD JACK AND MISCELLANEOUS — CABLE VW-24

FROM	TO								
INC SEL MODULE	BASIC MODULE								
	FIG. F								
FIG. A	BDR	LEAD DESIGNATION							
SWBD JACK		T	R	S	SLI	L	BLD	BBD	C
1	BL	BL1W	BL2W	O1W	O2W	G1W	G2W	BR1W	BR2W
2		S1W	S2W	BL1R	BL2R	O1R	O2R	G1R	G2R
3		BR1R	BR2R	S1R	S2R	BL1BK	BL2BK	O1BK	O2BK
4	O	BL1W	BL2W	O1W	O2W	G1W	G2W	BR1W	BR2W
5		S1W	S2W	BL1R	BL2R	O1R	O2R	G1R	G2R
6		BR1R	BR2R	S1R	S2R	BL1BK	BL2BK	O1BK	O2BK
7	G	BL1W	BL2W	O1W	O2W	G1W	G2W	BR1W	BR2W
8		S1W	S2W	BL1R	BL2R	O1R	O2R	G1R	G2R
9		BR1R	BR2R	S1R	S2R	BL1BK	BL2BK	O1BK	O2BK
10	BR	BL1W	BL2W	O1W	O2W	G1W	G2W	BR1W	BR2W
11		S1W	S2W	BL1R	BL2R	O1R	O2R	G1R	G2R
12		BR1R	BR2R	S1R	S2R	BL1BK	BL2BK	O1BK	O2BK
FIG. A	BDR	LAMP LEADS—FIG. F							
SWBD JACKS 1-4	S	1		2		3		4	
		BL	BL1	BL	BL1	BL	BL1	BL	BL1
BL1W		BL2W	O1W	O2W	G1W	G2W	BR1W	BR2W	
5		6		7		8			
BL		BL1	BL	BL1	BL	BL1	BL	BL1	
S1W		S2W	BL1R	BL2R	O1R	O2R	G1R	G2R	
9		10		11		12			
BL		BL1	BL	BL1	BL	BL1	BL	BL1	
BR1R	BR2R	S1R	S2R	BL1BK	BL2BK	O1BK	O2BK		
FIG. A	BDR	MISCELLANEOUS LEADS—FIG. F							
MISC	BL-W	K	PC	M	—	—	—	—	—
		G1W	BR1W	G2W	—	—	—	—	—
		RT	G	S	—	—	—	—	—
		BR2W	S1W	S2W	—	—	—	—	—
		—	—	—	B	—	1PM	DT	BT
		—	—	—	BL1W	—	BL2W	O1W	O2W

TABLE C
TIE TRUNK SIGNALING

(Locally Provided Inside Wiring Cable)

FROM		BL-W BINDER	TO	
FIG. A			*EXTEND TO TIE TRK TERMINATING CKT AS REQD	
TIE TRK SIG		COLOR CODE	LEAD	CIRCUIT
NO.	LEAD			
1	E	W-BL		
	M	BL-W		
2	E	W-O		
	M	O-W		
3	E	W-G		
	M	G-W		
4	E	W-BR		
	M	BR-W		
5	E	W-S		
	M	S-W		
6	E	R-BL		
	M	BL-R		
7	E	R-O		
	M	O-R		
8	E	R-G		
	M	G-R		
9	E	R-BR		
	M	BR-R		
10	E	R-S		
	M	S-R		
11	E	BK-BL		
	M	BL-BK		
12	E	BK-O		
	M	O-BK		

* The dial repeating tie trunks are furnished with wiring connected to operate on a 2-wire basis and DX SIG or carrier, CX, SX, or SF signaling equipment located in the distant office. Make wiring changes and extend signaling leads to meet individual job requirements in accordance with T-65718-15.

