

66G- AND 66H-TYPE CONNECTING BLOCKS REPLACEMENT OF BROKEN TERMINALS AND FANNING STRIPS

1. GENERAL

1.01 This section provides procedures for replacing broken terminals and fanning strips on 66-type connecting blocks. The 66G1 and 66H1 connecting blocks are rated Manufacture Discontinued.

1.02 This section is reissued to include a procedure for replacing broken fanning strips and to revise the title of the section accordingly.

1.03 The procedures apply to 66-type connecting blocks arranged with single- or twin-clip terminals. The single-clip terminal used on the 66G-type connecting block is illustrated in A, Fig. 1. The twin-clip terminal used on the 66H-type connecting block is illustrated in B, Fig. 1.

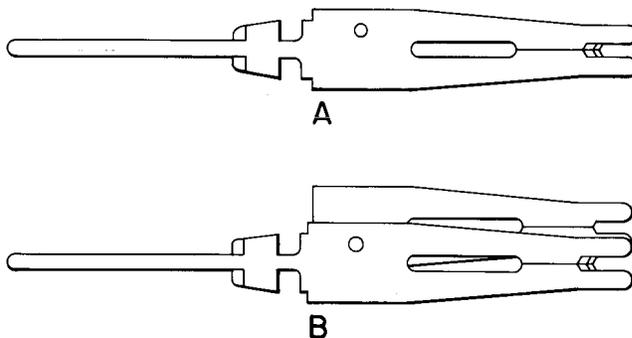


Fig. 1—Replacement Terminals

1.04 Precaution should be taken to prevent interference to working circuits on adjacent terminals during replacement of broken terminals.

2. TOOLS AND MATERIALS

CODE OR SPEC NO.	DESCRIPTION
TOOLS	
—	3-inch C screwdriver
—	B long-nose pliers

CODE OR SPEC NO.	DESCRIPTION
MATERIALS	
P-47L061	Fanning strip—use with 66G2 block
P-47L062	Fanning strip—use with 66H2 block
P-18E767	Terminal (single-clip)
P-18E768	Terminal (twin-clip)

3. REMOVING AND REPLACING BROKEN TERMINALS

3.01 Instructions for making and removing wrapped connections are given in Section 069-132-811. For clip terminals, instructions for making and removing connections are given in Section 069-125-811.

3.02 Remove broken or damaged terminals as follows.

- (a) Tag and remove the leads from the terminal to be replaced.
- (b) Using the B long-nose pliers, grasp the wire-wrap portion of the terminal as near the block as possible and carefully twist the terminal until it breaks (Fig. 2).
- (c) Grasp the remainder of the terminal by the clip end from the front of the block with the B long-nose pliers and pull the terminal from the block.

3.03 Replace terminals as follows.

- (a) Select the proper replacement terminal (Fig. 1).

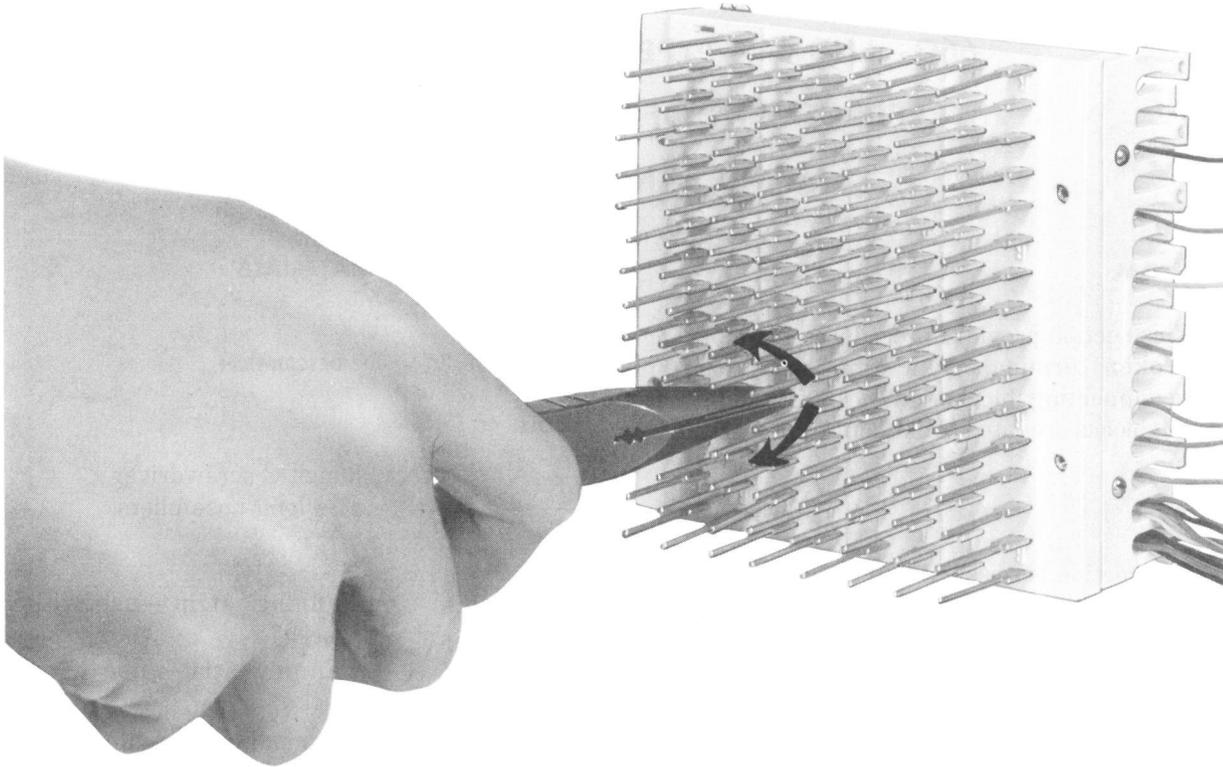


Fig. 2—Breaking Terminal From Block

- (b) Insert the new terminal into the now empty slot of the terminal block from which the broken terminal has been removed. This must be done from the front of the block. Determine that the terminal is in the correct position by observing the shape of the slot or the position of the adjacent terminals.
- (c) Using the **B** long-nose pliers, apply a steady pressure and push the terminal through the block until a click is heard and the terminal extends the same distance from the block as the adjacent terminals.
- (d) If the nylon retaining spurs fail to secure the terminal, twist the base of the wire-wrap end of the terminal 10 to 20 degrees.
- (e) Reconnect all leads.

- (a) Remove the wires from the fanning strip by carefully working the wire through the slot in the fanning strip.
- (b) Using the 3-inch C screwdriver, remove the two screws that secure the fanning strip to the terminal strip.

4.02 Replace the fanning strips as follows.

- (a) Select the proper replacement fanning strip.
- (b) Install the new fanning strip using the two screws removed from the old fanning strip.
- (c) Replace the wires into the fanning strip and dress as originally positioned.

4. REMOVING AND REPLACING BROKEN FANNING STRIPS

4.01 Remove broken or damaged fanning strips as follows.