SUBJECT

MEMORYMOOG
ALPHANUMERIC DISPLAY REPLACEMENT
Kit Part Number 997-044704-001

BULLETIN 846

DATE

August 16 1984

DESCRIPTION

This is an improved version of the Memorymoog Display Board containing a daul in-line alphanumeric display package premounted to a display board. It incorporates "self-contained" mounting standoffs to facilitate ease of assembly and disassembly to the Left Side Control Board.

PROCEDURE

Remove the Left Side Control Board (LSC). NOTE On instruments with a display clear board mounted on back of LSC board and having a power supply stiffener brace. the Power Supply may be removed to make the removal of LSC easier. Remove the "1", "2", "3" and "A" push buttons. Carefully unsolder the alpha display from the 22 conductor jumper assembly. Remove the four (4) screws. nuts and washers securing the display board to the LSC board. Unplug the two MTA connectors from the LSC board and remove the Display Board. Straighten any bent pins on the jumper assembly (a new jumper assembly is included in the event the old one is damaged). Assemble one shoulder washer to each of the four (4) 6-32 x 3/8" screws provided (see drawing) and thread them into the LSC board from the solder side until approximately 1/8" protruds through the board Assemble the remaining four (4) shoulder washers to these protruding screws Carefully set the new display board onto the 22 conductor ribbon insuring all 22 conductors are through the board(s). Align the standoffs with the screws and tighten the display board to the LSC board After the display board is tightened down. plug in the two (2) MTA connectors and solder the jumper assembly to the new Display Board (remember to solder the jumper assembly to the LSC board if it was also replaced). Install the push buttons in their proper order and install the LSC board. Turn on the instrument and verify that the displays work correctly Return the old display board to the customer to retain for future repair parts requirements (display driver IC's etc.).

TEST

Insure no characters or segments are unlit. For example observe power up display, potentiometer edit of the noise level and the prompts of (C) (3) (ENTER).

LABOR

This replacement procedure is estimated to take one hour.