



Factory Service Bulletin

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SUBJECT: MEMORYMOOGS BELOW S/N 2000 (APPROX.) BULLETIN: 834
FOOTPEDAL INPUT MODIFICATIONS

DATE: November 16, 1983 (Supersedes earlier versions)

SYMPTOM: Using the FOOTPEDAL input(s) causes the pitch of oscillator 2's and/or all oscillators to change using the AMOUNT control of FP1 or FP2 WITHOUT having the DESTINATION SWITCHES ON.

Poor tuning stability requiring several hours to tune all six voices - typically displaying "C7" numbers in the low 40's or 50's and rising as the unit warms up. Normally, the "C7" numbers start high (in the 90's or A's) and drop down to the high 70's or low 80's.

CAUSE: Flux contamination around U3 from a factory modification to the "underside" of the COMMON ANALOG board #2.

SOLUTION:

- 1) Remove U3, bend Pin 2 and Pin 4 out parallel to the body of the IC and reinsert in the socket.
- 2) Carefully tin the ends of Pin 2 and Pin 4 of U3 using a grounded soldering iron.
- 3) Cut the back side of R75 flush with the COMMON ANALOG board located immediately to the left of ribbon connector S23, Pin 1. Cut the left side of R113 flush with the COMMON ANALOG board, located to the lower-right of ribbon connector S23.
- 4) Tin the free end of R75 and R113.
- 5) Tin both ends of a 1" (25mm) and a 2.5" (63mm) insulated jumper wire.
- 6) Tack-solder the 1" (25mm) jumper wire from the free end of R75 to U3 Pin 2 and the 2.5" (63mm) jumper from the free end of R113 to U3 Pin 4. Use silicone rubber adhesive (i.e. RTV) under the end of each resistor to secure the resistors and to prevent a short to the top side traces.

LABOR: This modification should be performed on ALL units returned for service and is estimated to take 15 minutes. Moog will reimburse at a FLAT RATE of \$10.00. The modification is covered under warranty regardless of the warranty expiration date to the original owner.



Synthesizers



Amplifiers



Sound Modifiers



Accordions



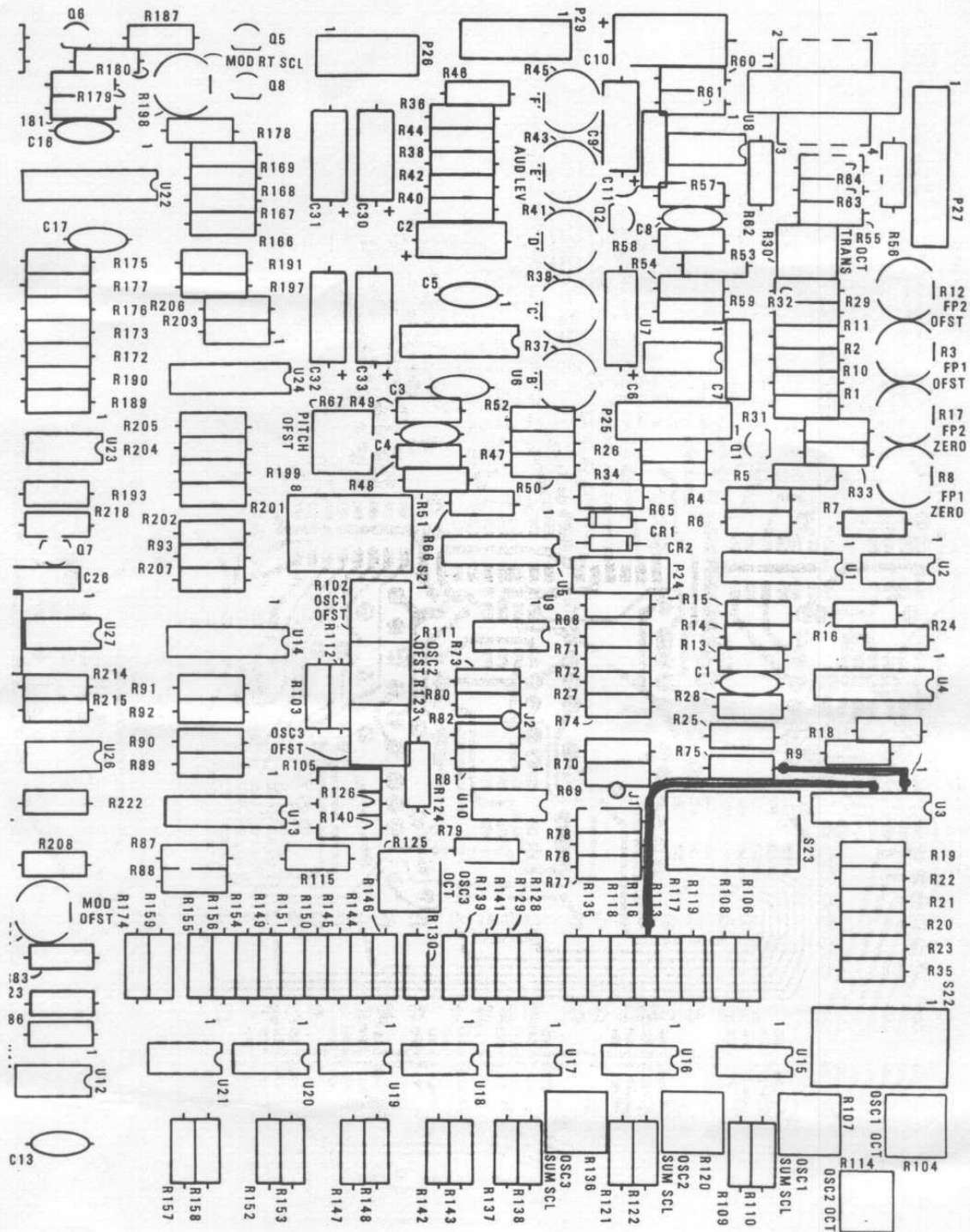
Amplifiers



Amplifiers



Amps.



**COMMON ANALOG
MEMORYMOOG 2
FOOT PEDAL PITCH**