
LAMM INDUSTRIES, INC.

INSTRUCTIONS FOR REPLACING THE VOLTAGE REGULATOR TUBES IN THE L2-PS UNIT

Warning/Disclaimer:

This procedure involves readjusting the preamps while they are on. There is a danger of high voltage shock (up to 500V) if the unqualified personnel perform the job (check the warning on the rear panel of the preamp). Only qualified personnel should perform the replacement to make sure that this procedure is done in the safest way possible. LAMM INDUSTRIES, INC. is not responsible for any liabilities involved in this procedure.

Instructions:

- keep on hand a digital voltmeter and a slotted screwdriver (3/32" blade diameter, at least 4" blade length)
- unscrew and remove the screws from the top covers of both the L2 and L2-PS using an Allen 7/64" hex screwdriver
- keep the top covers on
- turn the preamp on and wait at least an hour for it to warm up before changing the tubes
- after at least an hour of warming up, turn off the unit and replace the necessary tube as quickly as possible
- note the position of a rectangular blue potentiometer R115 located on the pc-board near tube V105 – 12AX7 (in the L2-PS unit)
- after replacing the tube, close the top cover and turn the unit back on as soon as possible
- open the top cover of the L2; connect the red lead of the voltmeter to test point TP115 on the pc-board and the black lead of the voltmeter to the test point PT116 on the pc-board
- turn the voltmeter on
- take a slotted screwdriver and lower it through the ventilation slots of the L2-PS cover to the position of R115 potentiometer on the pc-board
- lodge the screwdriver into the tiny screw on top of this potentiometer
- in order to adjust the voltage to 350V, rotate the potentiometer's screw until the voltmeter reads 350V
- wait 10-15 minutes and take the measurement again; if the reading is slightly off 350V, rotate the potentiometer again to set the voltage at 350V
(DO NOT TAKE THE L2-PS TOP COVER OFF)
- this concludes the tube replacement/readjustment procedure.