

Do not reset pots on an amp which is in for repair as this is factory set and should never need to be changed unless the power transformer or L103, L104, L105, C113, C114, are changed for new ones.

Plug front panel in via ribbon cable, plug pot cables coming from front panel into relevant sockets.

It will be necessary to use 2 channels of scope, 1 channel for monitoring the current sinewave and 1 channel for monitoring the PSU clock.

Connect scope probe to test point TP102 OSC, set scope time base to 2us and 5V per centimetre for the clock channel and .2V per centimetre for the current sinewave channel (this should be equivalent to 2 amps per division if the correct probe set for 10 amps per div. is being used, consult BSS AUDIO for technical data).

Set level controls on front panel fully anti-clock-wise.

Set LOAD switch for 2 OHMS and MODE switch to 2 Channel mode.

Set power switch off.

Put a T250ma fuse in FS101.

Connect to a variac which is set at 0 Volts.

AUXILIARY PSU CHECKS

Set input mains to 90 Volts, power unit up and check PSU startup sequence:

- 1- Front panel LOAD and MUTE leds light.
- 2- Relay RL101 comes on after 2 seconds delay, followed by:-
- 3- Relay RL102 comes on, after a 1 second delay, then:-
- 4- PSU clock starts up (mark space changes).
- 5- MUTE leds go off.

Check pre-regulator voltage, should be +18 - +19Vdc.

Check regulated voltage should be +15Vdc + - 200mv.

Depower and increase mains voltage to 200V.

Power on and observe:

- 1- Relay RL102 only comes on.

Recheck the pre-regulator voltage should now be +25Vdc.

Power down and change SET LOAD to 4 ohms, power on and check:

- 1- RL103 and RL104 should come on.