

To adjust your DHR Turbo:

Pré adjust your bias trimpot to 30 ohms reading into your ohmmeter... also pré adjust your off set trimpot to read 82 ohms into your ohmmeter... this measurement is not precise because those trimpots are into the circuit board...better to adjust them out from the board and before you start to build your amplifier.

Install protective resistances in series with the 70 volts rails, use 20 ohms 20 watts or 2 units of 10 ohms (10 Watts) in series.

Measure the voltage over those resistances, using two multimeters or measuring one each time... you must read, in DC Volts , something between 1.5 and 2.5 volts DC (75 to 125 milliamperes flowing)

**Now give a previous check into your offset, to be sure the amplifier is fine..do not install output resistances as load for a while...produce a short into the input terminals (do not forget to remove them after the adjustment is completed)... it may be from 1 to 3 millivolts, if not, adjust the OFFSET trimpot into the differential pair lower transistors, and reduce it to the lowest reading
you will be able to adjust.**

Now measure millivolts DC directly into the extreme of one upper power transistor and repeat the measurement into lower one.... the current must be adjusted, tweaking the BIAS trimpot once again, to have lower readings... 1 millivolts or maximum of 3 millivolts must be adjusted.

Now check your off set once again, and readjust it once again if needed.

Check your bias by the last time, and this will be the lowest bias point you can have... some small increasings can be made if you want it, during your listening tests.... but adjust your bias when your amplifier is dead cold.