



Thank you for purchasing the AV123 SP3!

Below are instructions for biasing your SP3. It is not necessary for new owners to bias their amp as this is done from the factory but it should be checked once per year or any time you replace the tubes.

Biasing your SP3

Please look at either side of the SP3.

You will see 5 holes on each side.

You will find something like this:

/ 1.15V \ / 1.15V \

* * * * *
A B C D E

- 1) Perform these adjustments once the amp has been turned on for at least one hour.
- 2) Use a volt meter set to DC to test between A & C. Please adjust B so that the volt meter shows 1.15V.
- 3) Use a volt meter set to DC to test between C & E. Please adjust D so that the volt meter shows 1.15V.
- 4) Repeat on the other side.

This assumes stock tubes. Aftermarket tubes may have different voltage requirements.

Note that the pots are extremely sensitive. You may have to turn them quite a bit to have any movement in voltage. This allows extremely precise adjustments.

If you have any questions at all, please contact AV123 support at:

- support@av123.com
- 1-877-543-7500