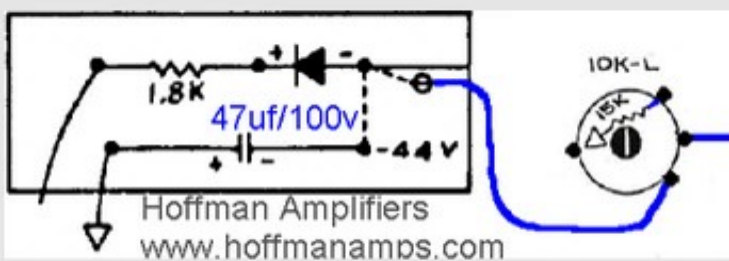


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Here is a stock AA1069 bias system.
Notice that it has a bias pot with a tap point on the rear left side of the pot.
You can use this pot as a regular bias pot by just not using the rear tap point.
Also notice that the resistor on the body of the bias pot is soldered to the center lug of the bias pot.
The bias pot has two wires that leave the pot from the two outside legs of the pot.



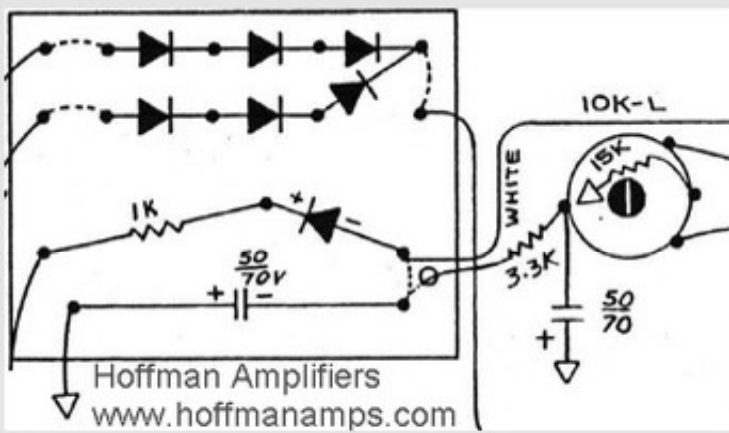
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Here is the AA1069 bias system after the conversion.
The blue parts are the new changes

The wire that leaves the bias board, now goes to the lower right tab on the bias pot.
The resistor on the back of the pot is now soldered to the upper right tab of the bias pot.
The center right tab of the bias pot now goes to the center of the two 220k resistors on the circuit board.
The rear tap on the bias pot is no longer being used

Go ahead and change the bias filter cap to a 47uf/100v
This is part of a normal Fender service

See the circuit board mod section above to see how the circuit board is altered.



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Here is the stock Bandmaster AD1269 bias system.
But you may see this same bias system on other amps.
I cleaned up the drawing by eliminating things we are not interested in

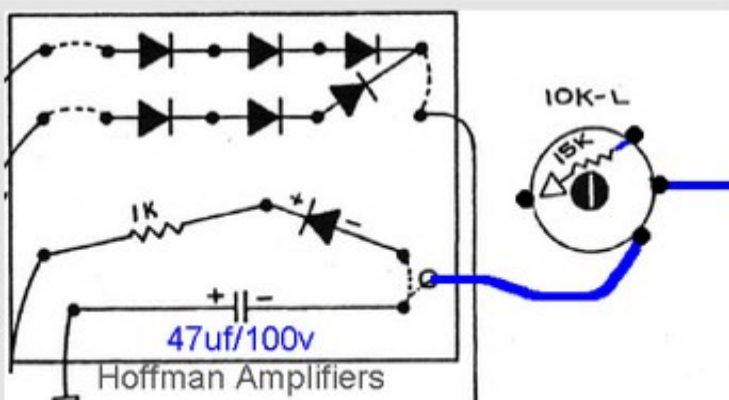
It has a bias pot with a tap point on the rear left side of the pot.
You can use this pot as a regular bias pot by just not using the rear tap point.
The tap point is where the 3.3k resistor and 50uf cap are connected

Also notice that the 15k resistor on the body of the bias pot is soldered to the center lug of the bias pot.

The bias pot has two wires that leave the pot from the two outside legs of the pot.
There is a 3.3k resistor that leaves the bias board and goes to the bias pot tap point.
This bias pot tap point also has a 50uf filter cap.

There are two filter caps in this bias system.

One 50uf cap is on the bias board and one is connected to the bias pot tap point.



Hoffman Amplifiers

Here is the AD1269 bias system after the conversion.
The blue parts are the new changes

A wire has replaced the resistor from the bias board to the bias pot.
This wire goes to the lower right tab on the bias pot.
The resistor on the back of the pot is now soldered to the upper right tab of the bias pot.
The center right tab of the bias pot now goes to the center of the two 220k resistors on the circuit board.
The rear tap on the bias pot is no longer being used

Go ahead and change the bias filter cap to a 47uf/100v
This is part of a normal Fender service

See the circuit board mod section above to see how the circuit board is altered