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23 Sept 78

Dear Mr. Aiken:

Most hum bucking pickups usually have magnets that are sufficiently strong enough to saturate the steel strings and it is rarely that you will find weak Alnicos or Cerufe or ceramic magnets. The old tungsten Carbide magnet did weaken with age.

The easiest way to increase the output of any pickup is to bring the coil closer to the strings and keep the pole screws if used, down level with the top of the coil form. If you decrease the distance between the coil winding and string by a factor of two you should increase the output voltage four times.

The other way to increase output is to put more turns on the coil by using finer wire. If you can double the number of turns on the coil form you should double the output & voltage of the coil.

In order to get a schematic diagram of your amplifier I need to know the tube line up used. Most Fender amplifiers have a label stuck inside the cabinet that shows the tube layout.

It should be possible to put a master volume control on your Bassman to accomplish the results you want however unless you do it like the late model amplifiers it may require juggling the operation of two controls when turning the distortion effect on & off.

Sorry I didn't get your reply off before this but have had a rather busy summer as I am now back at work full time.

Let me know the tube line up and will try to get copies of schematics you need. The charges will be minimal depending on how many pages I have to copy. Figures about 10¢ a page and four pages should cover all the Fender data.

Sincerely
Seth E. Lover