

From the Doc in a PM I got a while back about this question:

"OK , well that is a good question, one not easily answered with a simple response. As you know the original 50 or so Ghia's were built on modified Hammond organ chassis, these units varied from piece to piece do to fact that each chassis varied as a base.

In 1994 I released the ghia II if you will, it was my own chassis design and duplicated transformers from the Hammond.

From then on that Ghia's have stayed as close to same as humanly possible with no MAJOR design change, why change a good simple thing.

But through the years I have adjusted a few values.

Now I have built over 2000 Ghias, each handmade so expect some variance just by natural touch.

But these are the things I have adjusted through the years:

I decreased the Global feedback resistor from 2.2 meg to 3.3 meg. 2.2 a bit smoother and slightly less output, 3.3 more edge and more output.

On the 100K plate resistor of V1 , second stage , recovery stage after the tone control, originally there was a .001 cap across that 100K. It would roll of some highs and warm up the signal some, again less edge, smoother tone, and less output with it in.

I removed because I heard may critic it for not enough high end and less VOXY sound.

Those are my only circuit tweaks.

I have a company (Orange Drop SBE) manufacture all my coupling caps , my name is on each one there consistency is increadable. I use the same Carbon Film caps, and the same CTS tone pot. My Output Transformers have been change due to companies going out of business. A problem with building antiquated technology suppliers dry up in the course of 20 plus years. I now use Heyboer and I feel they are nicest, and most expensive OT I have used in the ghia's.

Tubes yes tubes are a problem as well. In the Ghia I use two NOS tubes always have, a 5751 in V2 and a 5Y3 GT.

The supply for 5Y3's is still strong, but now everyone has heard of the 5751 and supplies have dried up. I swear before I started using 5751's in the Ghia's no other manf would touch them and many didn't know what they were. So I have been

forced to use

NOS 12AX7 in V2, and this does increase mid drive some and output as well.

So there you go the long winded Saturday morning answer to your question.

Z"