
Subject: Re: Kustom 100 blowing fuse

Posted by [steven](#) on Tue, 08 Jan 2013 15:39:19 GMT

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Welcome!

Yes, your problem is likely to be the same and likely to be a blown output transistor(TO3 type mounted on chassis heat sink) which sometimes also takes out its driver transistor(TO5 type in heat sink box on driver board)when it pops.

Also likely to be bad would be the 5 watt resistor associated with that side of the output stage.

Your rectifier bridge diode may also be bad, this is the round case 4 terminal item bolted down to the chassis near the power transformer.

A good way to check that is to unhook the red and green wires that come from it from their termination point on each power supply filter.

When unhooked and placed out of the way from shorting, replace the fuse and turn on the amp, if the fuse holds then you know that the power supply is ok and the problem resides in the output stage/driver section of the amp.

You could also disconnect the output side of each power supply filter(red and green wire) and do the same test.

Do not hook up a test speaker to the amp until you have it fixed and the steady state DC reads less than 1 volt on the amp's speaker output otherwise the 40 volts of DC output can blow your speakers.

Inform us on your progress, or if you need more help.
