Subject: Replacing a speaker in a Challenger. What Load?
Posted by ARKustom on Sat, 02 Mar 2019 17:29:16 GMT
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I see that the original speaker is an 8 ohm, but this amp has a jack for an ext. speaker. Can I run a 4 ohm speaker as the onboard speaker, if I don't connect an extension cab?

Subject: Re: Replacing a speaker in a Challenger. What Load?
Posted by stevem on Sun, 03 Mar 2019 11:17:25 GMT
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You can , but you run the risk of blowing up the amps output stage depending on how loud you play the amp and along those same lines the amp will only output near one half of the wattage it did with a 8 ohm speaker load!

In short it's a lose lose situation, but if your just playing at home by yourself at low volume you will be ok.

The speaker output jacks on the amp are in parallel

Your fully safe with a 16 ohm load, but once again you will only have near one half the output power.

Subject: Re: Replacing a speaker in a Challenger. What Load?
Posted by ARKustom on Tue, 05 Mar 2019 05:26:06 GMT
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Ahh, so 8 ohms it is. Thanks, I was just wondering, since I have seen the Challenger listed at 25 and 50 watts. Is 50 just a peak measurement?

Subject: Re: Replacing a speaker in a Challenger. What Load?
Posted by stevem on Tue, 05 Mar 2019 11:11:39 GMT
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The challenger is only 25 watts RMS, 50 watts peak so having the right impeadance speaker in it will make or break the amps sound.