Subject: output transistor replacement
Posted by natedriver on Mon, 30 Nov 2015 15:39:42 GMT
View Forum Message <> Reply to Message

Troubleshooting power amp section on K150-8 slant face plexi. The output transistors are 2SD211M and i am wondering if these are suitable replacements.
Nate

Subject: Re: output transistor replacement
Posted by chicagobill on Mon, 30 Nov 2015 19:09:25 GMT
View Forum Message <> Reply to Message

The original output transistors were a selected version of and RCA 2N3055 transistor. The 2SD211 transistor is a similarly rated transistor that could be used as a replacement.

That being said, I would suggest that you use the commonly available 2N3055 or as an upgrade the MJ15024.

Have you tested the transistors?

Subject: Re: output transistor replacement
Posted by natedriver on Mon, 30 Nov 2015 23:27:06 GMT
View Forum Message <> Reply to Message

Yes. they tested fine.
thanks for the info!
Nate

Subject: Re: output transistor replacement
Posted by stevem on Tue, 01 Dec 2015 11:08:08 GMT
View Forum Message <> Reply to Message

The factory transistors where hand selected to be matched pairs so the crossover distortion would be minimal and power supply hum canceling would take place also, they may have tested for the rise time factor also which effects distortion .
Replacement transistors can be had in matched pairs for a added cost.

Your amp has been worked on it would seem, did you get it in a blowing the fuse state , or did this just start?

Subject: Re: output transistor replacement
Posted by natedriver on Tue, 01 Dec 2015 18:26:49 GMT

View Forum Message <> Reply to Message

i got the amp for free. it worked for about five minutes. someone had been working on the amp before i got it. where would i get a matches pair of output transistors?

Nate

Subject: Re: output transistor replacement
Posted by stevem on Wed, 02 Dec 2015 11:24:40 GMT
View Forum Message <> Reply to Message

If both outputs are good do not fret about that for now , get the amp back up and running and then slapping in two matched outputs is a 10 minute job.