SD2 Technical Question **Updated with more info and pics**

by **belafonte** » 21 Mar 2013, 16:08

I have an SD2 with a resistor soldered to the backside of the board. Is this normal/stock?

belafonte

Re: SD2 Question

by **Pepe** » 21 Mar 2013, 16:35

Hmmm, my SD-2 doesn't have that resistor. May be a small mod.

Pepe

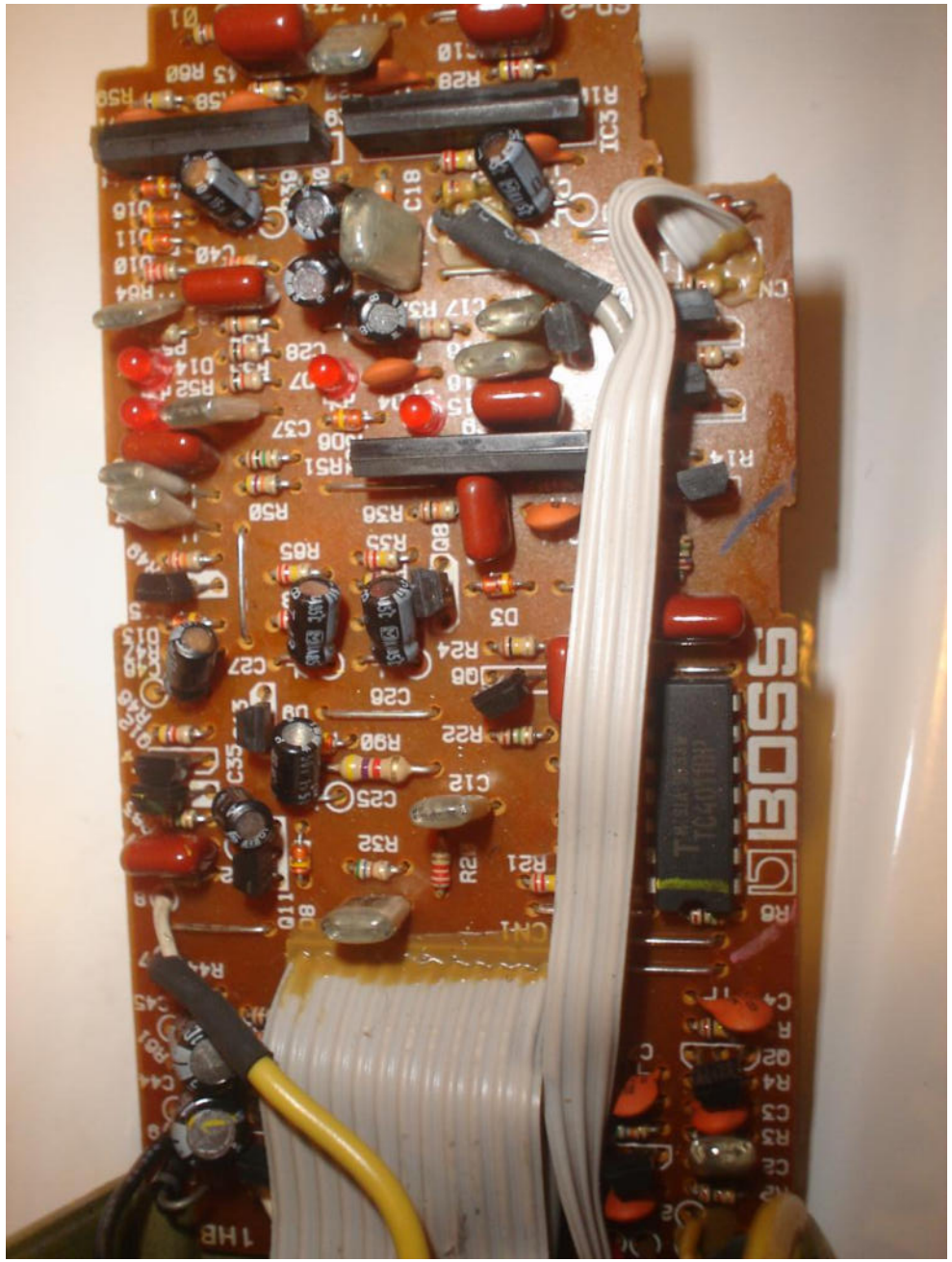
Re: SD2 Question

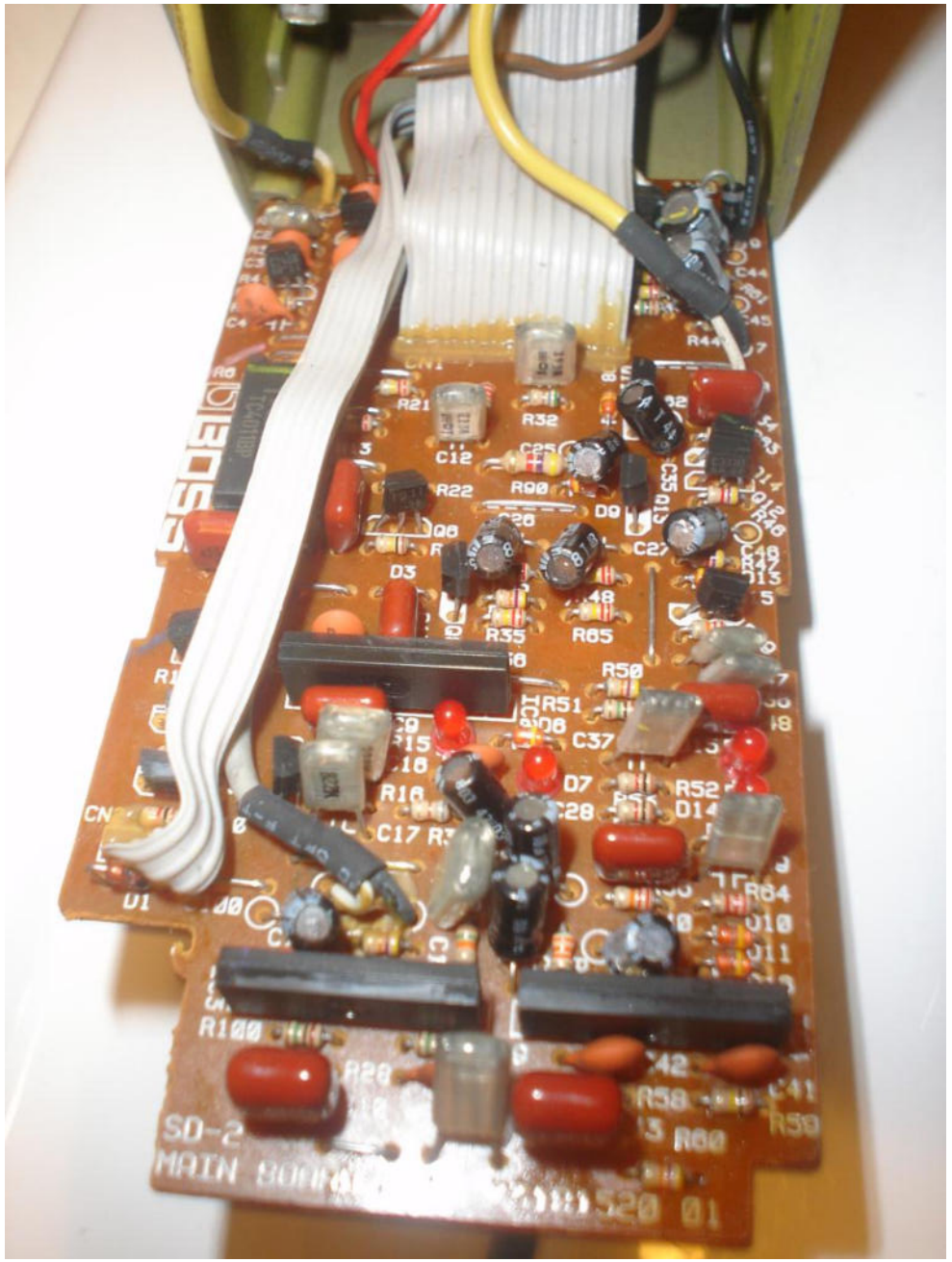
by **belafonte** » 22 Mar 2013, 00:41

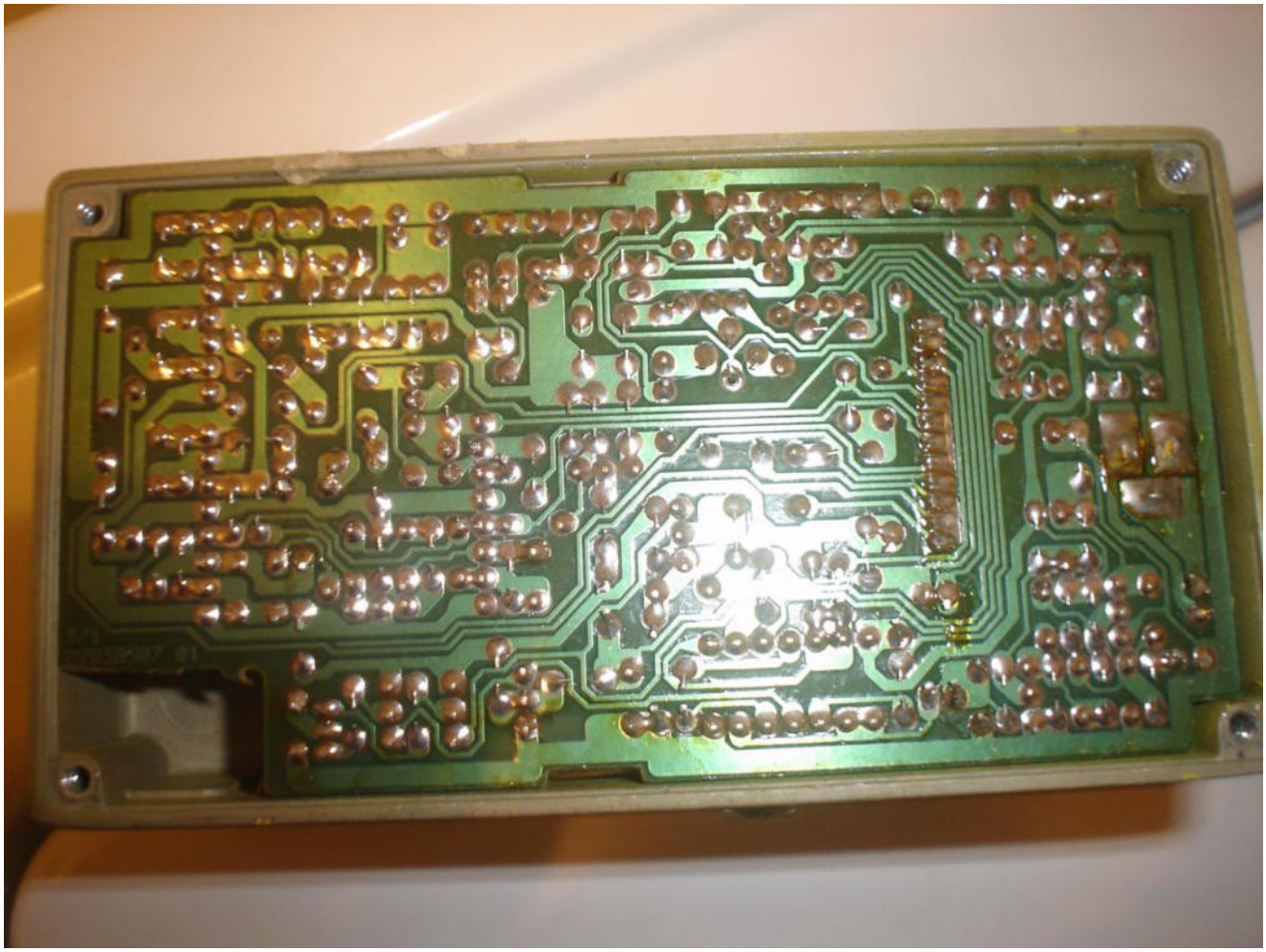
I have looked at this again there is something else different on the top side of the board to above the added resistor and now think that it must be an post-production fix for something by boss. I would welcome any other opinions and insight.

First here are some images of another sd-2 from this board:

Focus on the area at the bottom right (of the photo) where the round (not the flat one), grey cable with black shrink wrap joins the board. Below the label "c18" This is where the differences are on mine. The two resistors between the cable and opamp are there, as is the orange capacitor just below them but the round black capacitor in these photos is not there on mine. The resistor on the other side of the board seems to connect on of the leads coming off the cable to the orange capacitor.


BOSS


BOSS
SD-2
MAIN BOARD



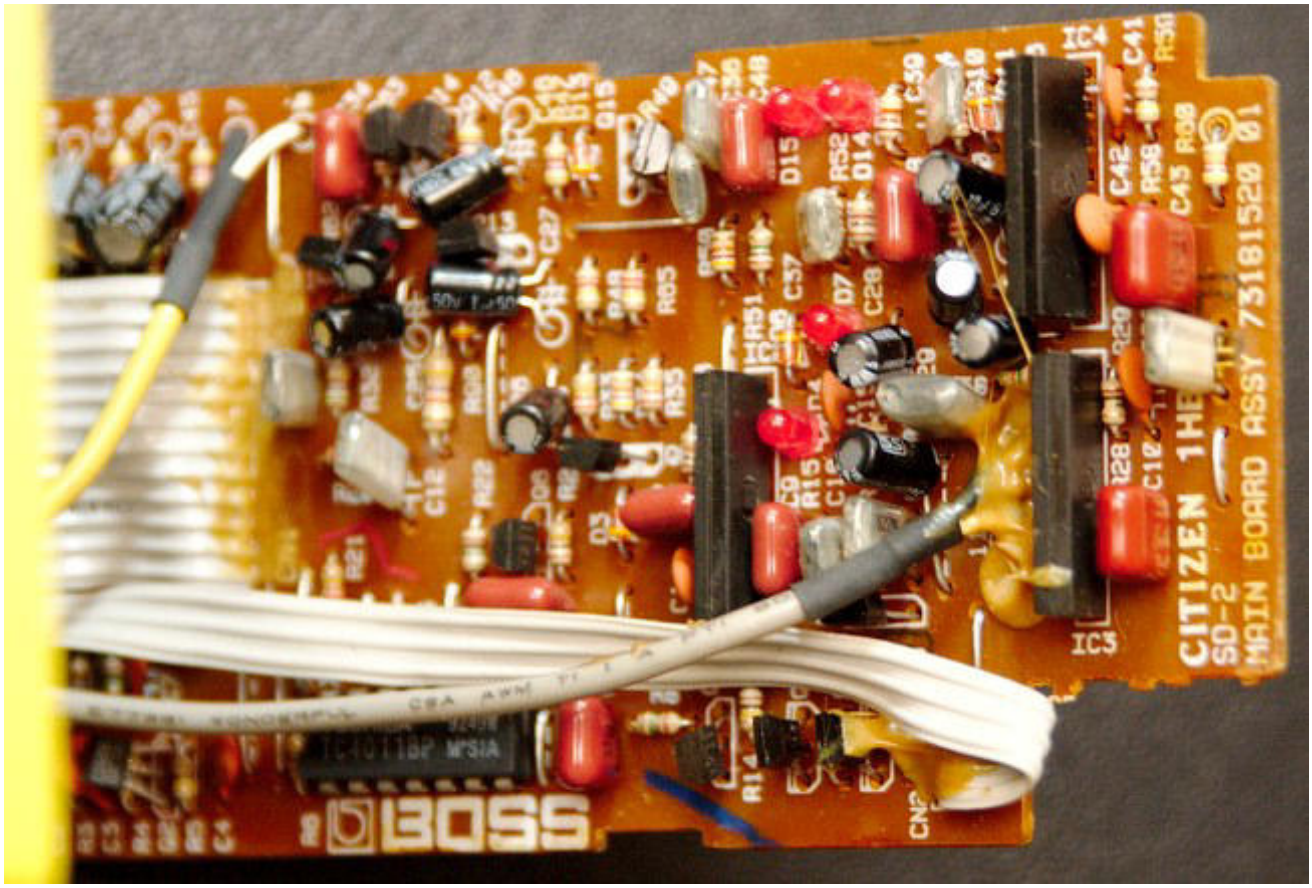
Photos of my pedal next..

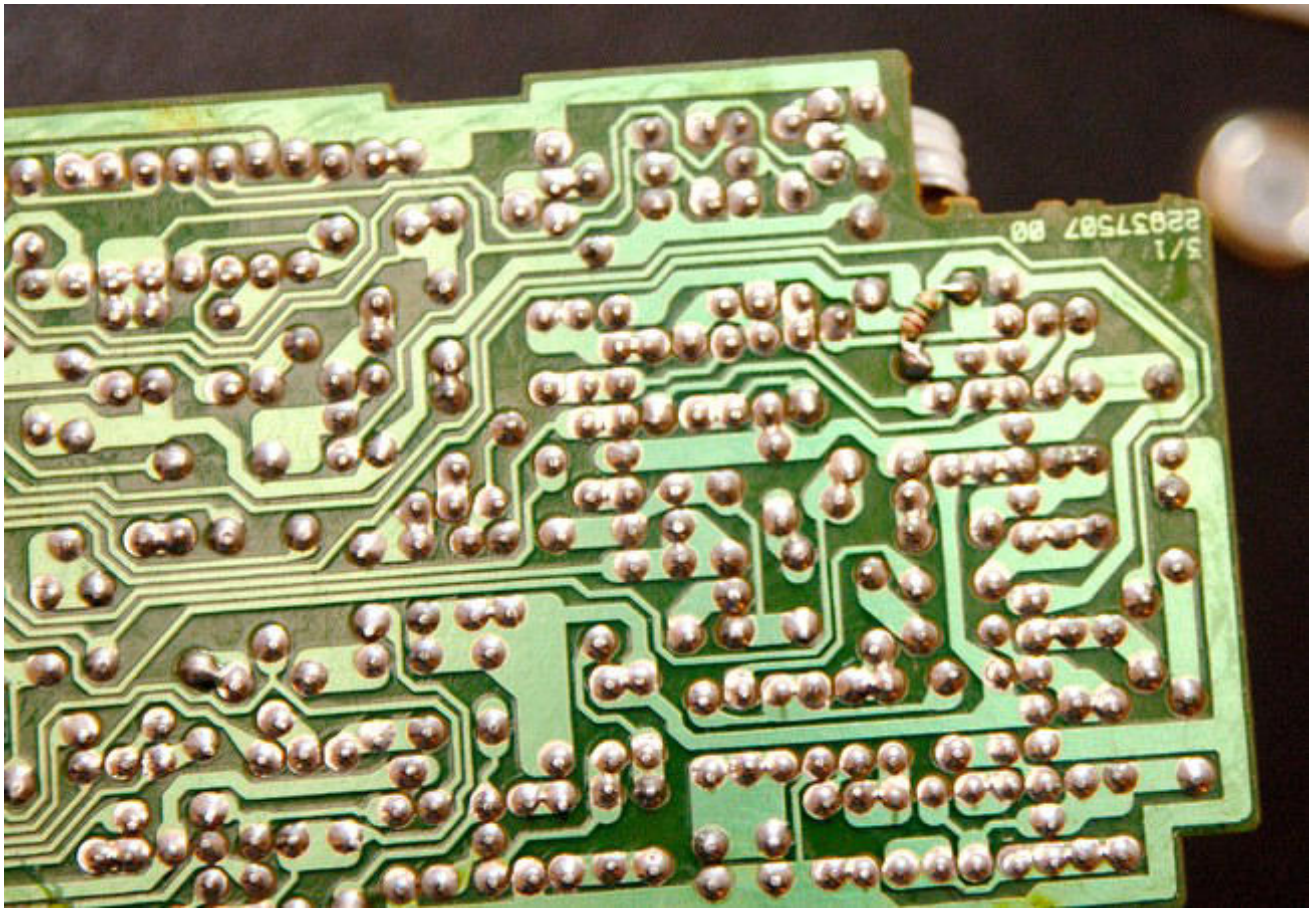
belafonte

Re: SD2 Question

by **belafonte** » 22 Mar 2013, 01:00

And here are my pictures.





You can see why I can't give more specific component names, the area where the cord attaches to the board on mine and where the capacitor is missing are covered heavy in that good stuff and I cant read the labels. It definitely looks like the stock boss goop though. The resistor itself also looks like one of the stock boss resistors.

So what do you think? Is this something Boss did? Any idea what the difference between these two pedals would

be sonically speaking?

Its a great pedal, two very usable and independent channels in one small box.

belafonte

Re: SD2 Technical Question **Updated with more info and pics

by **belafonte** » 22 Mar 2013, 01:03

Serial number on my pedal is CH42237

belafonte

Re: SD2 Technical Question **Updated with more info and pics

by **Clean Channel** » 22 Mar 2013, 01:48

Kinda reminds me of the small component another member found on his very early DM-2.

See this thread: viewtopic.php?f=3&t=2089

Clean Channel

Re: SD2 Technical Question **Updated with more info and pics

by **Ptak** » 22 Mar 2013, 08:49

thats weird! ive had a lot of sd-2's never seen that before. they did eventually add a capacitor around that area later on in production.

Ptak

Re: SD2 Technical Question **Updated with more info and pics

by **mim#1** » 27 Dec 2013, 21:42

Just posted this in the pedalboard thread but it belongs here. Both of my 95' SD-2's have that resistor tacked on the back, so its stock.....

mim#1

Re: SD2 Technical Question **Updated with more info and pics

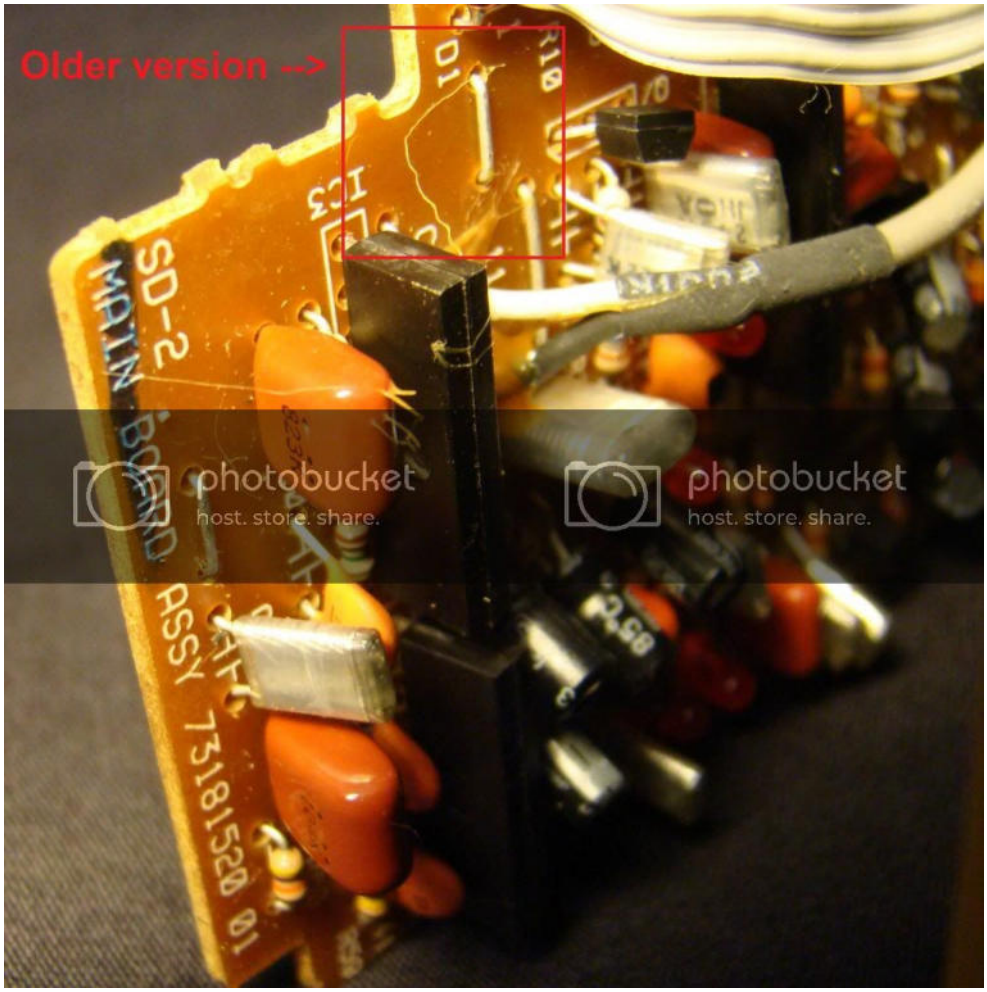
by **Clean Channel** » 27 Dec 2013, 22:47

Very interesting regarding the resistor on the back of the 1995 SD-2s! So it seems there are three versions of the SD-2?

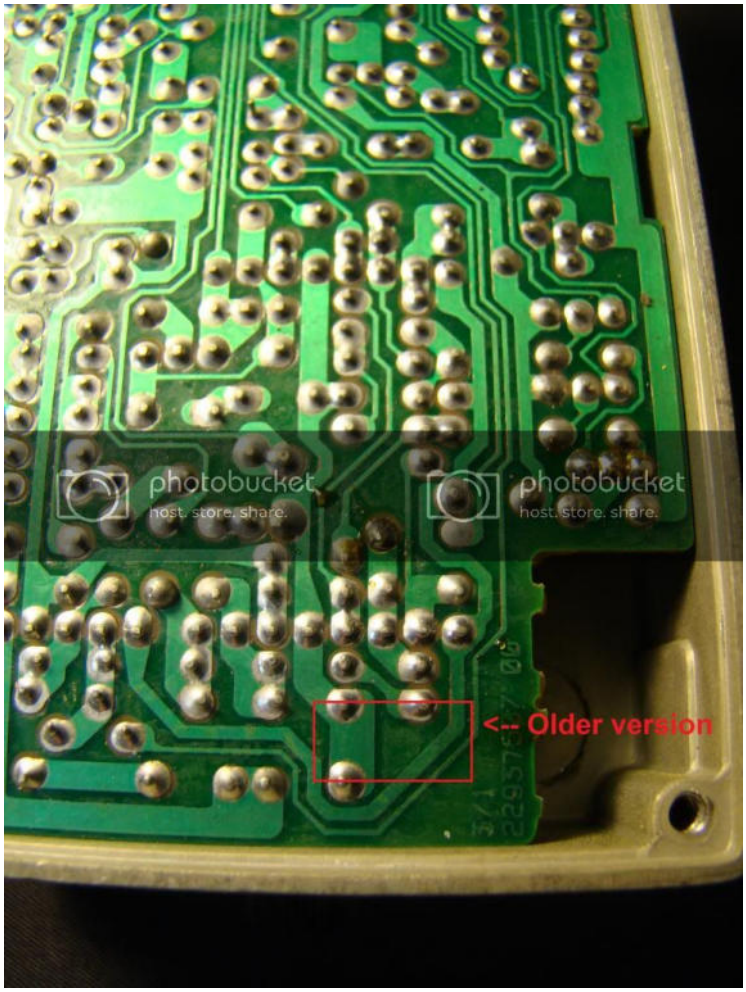
I have two different versions, my older ones are from 1993, and my later ones are from 1996. I guess the third version is the one pictured above, with the extra transistor, from 1995.

Just to add to this thread, here's a post I made in the Pedalboard thread, with pics of the internals of my SD-2s. Note this text was written before I knew there was a third version from 1995...

> Clean Channel wrote:
> For anyone interested in checking their SD-2 to see if they have the earlier 'darker' version, or the later later 'brighter' version, here are a few pics help show exactly what you're looking for:



Newer version -->
SD-2
MAIN BOARD
ASSY 731818
IC3
R100
C100


<-- Older version

Clean Channel

Re: SD2 Technical Question **Updated with more info and pics

by **mim#1** » 28 Dec 2013, 00:35

Just to be clear, my 95 sd-2's are the 1st version, without the extra capacitor, but they both have the resistor tacked on...

mim#1

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Re: SD2 Technical Question **Updated with more info and pics

by **Ptak** » 26 Feb 2014, 03:59

Just a heads up I was looking at my SD-2 and I noticed R100 also on the newer version. The picture above has a red outline and its actually of the R100 resistor not the C100 capacitor.

Ptak