Can someone upload a DM-2 gutshot showing the trimpots

by **Clean Channel** » 04 Feb 2013, 16:17

I read over and over that the trim pots are covered with what looks like green nail polish. However, looking at a gut shot, I can't tell which are the trim pots.

Can someone upload (or link to, there are lots of DM-2 gutshots on the web) a link and describe which are the trimpots?

Even better if you can find a pic of one that is stock, and another that has been tampered with.

Thanks in advance for any help!

Clean Channel

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Guga Ramone** » 04 Feb 2013, 19:08

Those big white circular stuff with a cross pattern in the middle are the trimpots, one of them is on the lower left corner in this picture. They are labelled VR1, VR2 and VR3: http://www.bossarea.com/forum/uploaded/ ... _in--2.jpg

Here is part of the Service Manual, if you need it: http://img17.exs.cx/img17/1728/dm2adjust3lf.gif

Guga Ramone

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Clean Channel** » 04 Feb 2013, 19:49

Beauty, thanks for the info!

Any way to tell if they've been tampered with?

I found this image online where it appears there is some green "nail polish" on the trim pots. Is that what I should be looking for?

Clean Channel

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Clean Channel** » 05 Feb 2013, 00:53

A quick update:

I just too a look inside one of my near-mint DM-2s, and there is clearly a little spot of gree "nail polish" on each of the trimpots.

I'll check my other two units later tonight or tomorrow...

Clean Channel

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Guga Ramone** » 05 Feb 2013, 02:12

I can't tell if they have been tampered. Trimpots are used in the circuit to calibrate the unit, so each pedal may have them in different positions. As far as I know, the only way to assure they are in the correct position is following the instructions on the service manual. Let's wait until someone else join here to see if there are any tips.

Guga Ramone

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Clean Channel** » 05 Feb 2013, 02:17

Ok, thanks for the update.

I've managed to check all three of ym DM-2s and can confirm that what I've read in the past is correct. If the green stuff is still on the trimpots, then they haven't been tampered with.

Of my three DM-2s (all three are mn3005 chip), two are in excellent condition, sound identical, and have the green stuff still stuck to the trimpots.

The third unit is in rougher shape, sounds different, has a different max delay time, and the green stuff is missing.

At this point I'm pretty convinced. I'd love to hear one or two gut experts (Laurie, where are you?!) just to get final confirmation.

Thanks again Guga for the help!

Clean Channel

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Laurie** » 05 Feb 2013, 02:20

No tips. The only way to tell is to use a scope and signal generator.

Unfortunately... "If the green stuff is still on the trimpots, then they haven't been tampered with." isn't always true. It is sometimes possible to adjust the trimpots and leave the green stuff intact. Or at least looking intact (it's hard to tell).

Laurie

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Laurie** » 05 Feb 2013, 02:22

> *Clean Channel wrote:*
> *The third unit ... has a different max delay time, and the green stuff is missing.*
>
> *At this point I'm pretty convinced.*

Yeah, that's pretty much a smoking gun.

Laurie

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Clean Channel** » 05 Feb 2013, 02:31

Perfect, thanks Laurie!

PS: Please don't ever stop visiting this forum, you're my go-to guy for definitive answers on anything.

Clean Channel

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Laurie** » 05 Feb 2013, 02:38

FYI - the only reason I'm a bit quiet lately is that we are a bit preoccupied getting ready to move continents (back to Australia).

Laurie

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Clean Channel** » 05 Feb 2013, 03:06

Cheers, and good luck with the move! Hopefully you enjoyed your time here in the great white north!

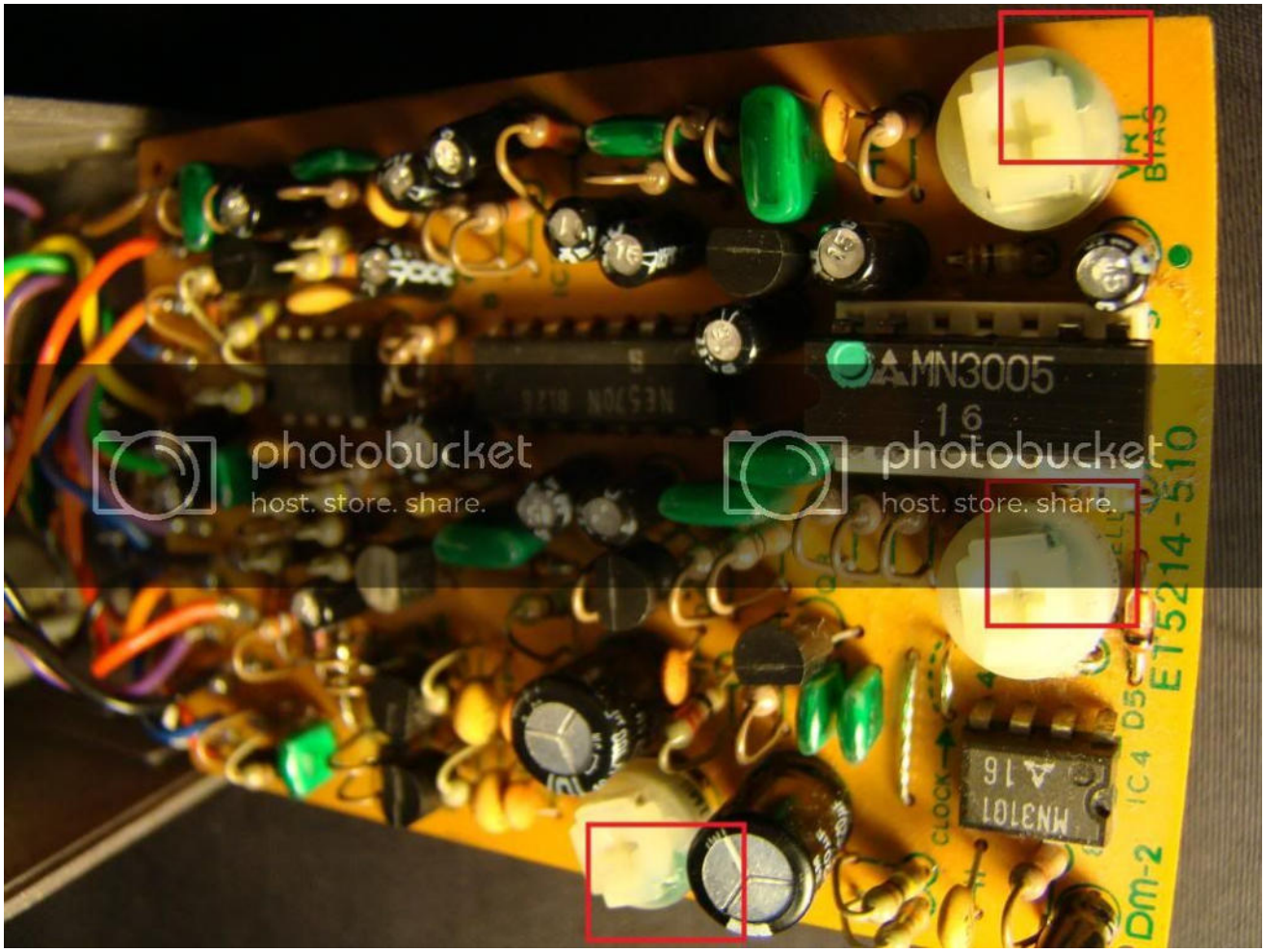
Clean Channel

Re: Can someone upload a DM-2 gutshot showing the trimpots

by **Clean Channel** » 06 Feb 2013, 02:55

For future reference, here are a few pics I took of one of my DM-2s. I drew squares around the green nail polish found on the untouched trimpots to make them easy to identify.

NEC JAPAN
C4558C
NE570N 8126
MN3005
16
IC2
IC3
IC4
MN3101
A16
CLOCK
VR3
CLOCK
ET5214-510
Dm-2


VR1
BIAS
MN3005
16
MN3101
A16
CLOCK
IC4
ET5214-510
Dm-2

Clean Channel