

Technical Service Bulletin No. 42

Created by: Music Tribe Brands Sweden AB Service Department

Date: 2018/01/09

Reference no: SP40PFC

Affected models

Following models are affected by this rework:

D40:4L

Affected boards/modules

SP40PFC-XXXX

Information

When you receive the product, please measure VDR(Vdrive) and VS- (between white and blue cable on the SP40PFC.

If the voltage is outside 14V +- 0,5 please report this to careUK together with the unit's serial number and a short description of the symptoms.

Solution

Modify the SP40PFC-XXXX adding a capacitor and a diod

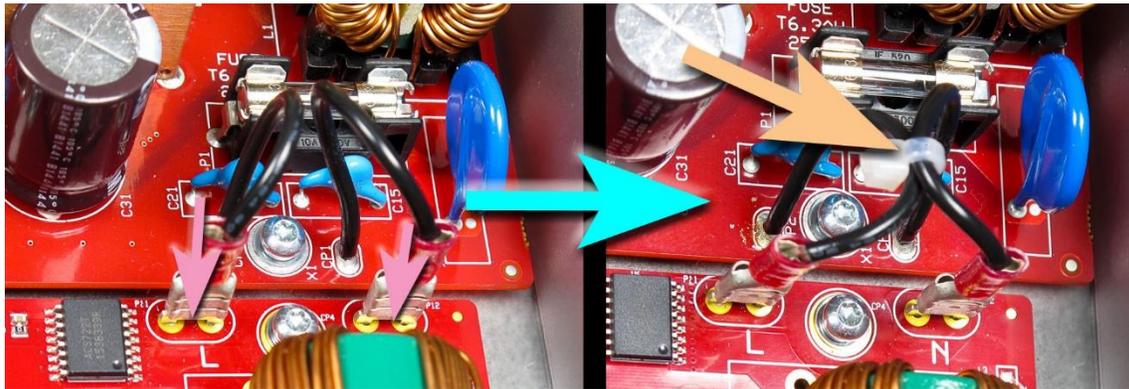
If you don't have the equipment for soldering 0603 components, please replace the complete board

Instructions

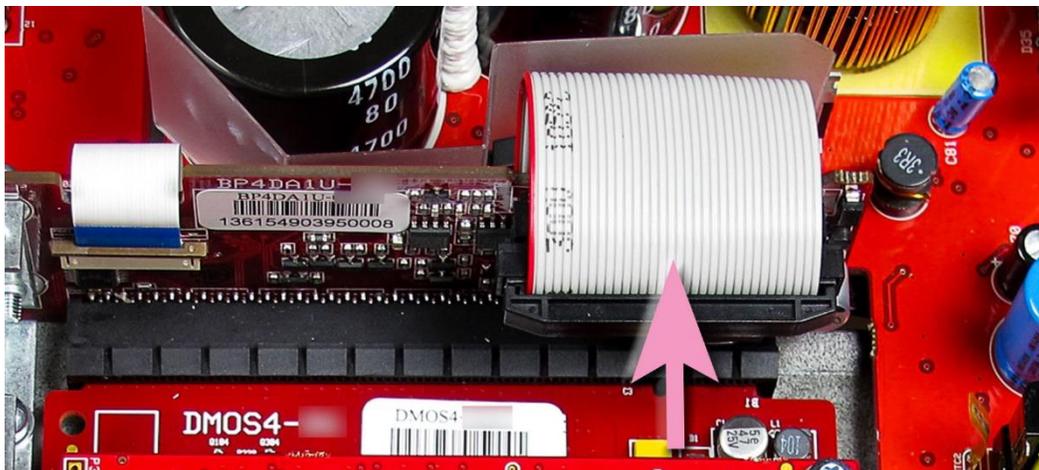
Remove the top cover.

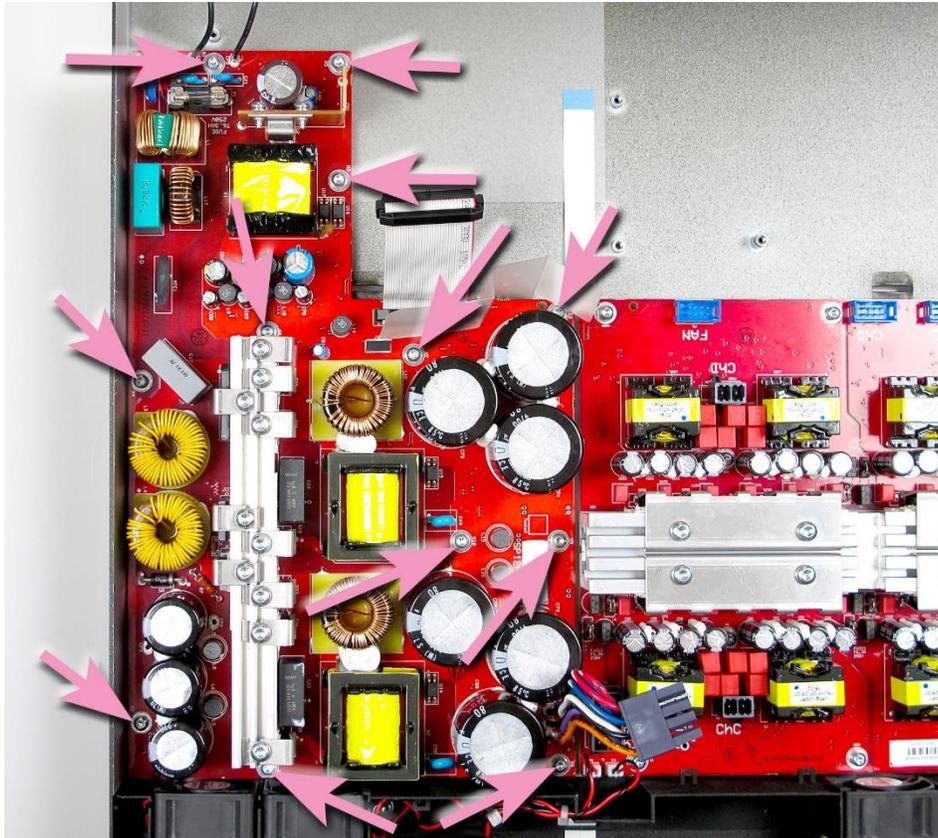
Instructions on how to Remove the SP40PFC-XXXX.

Remove the cables shown in the picture below



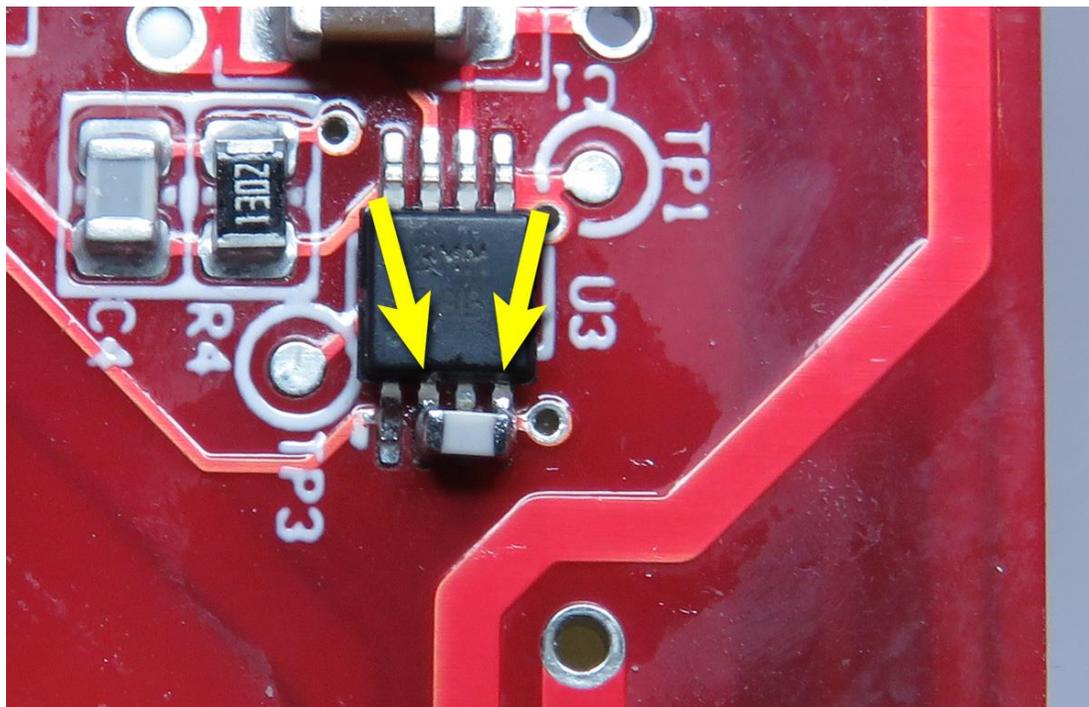
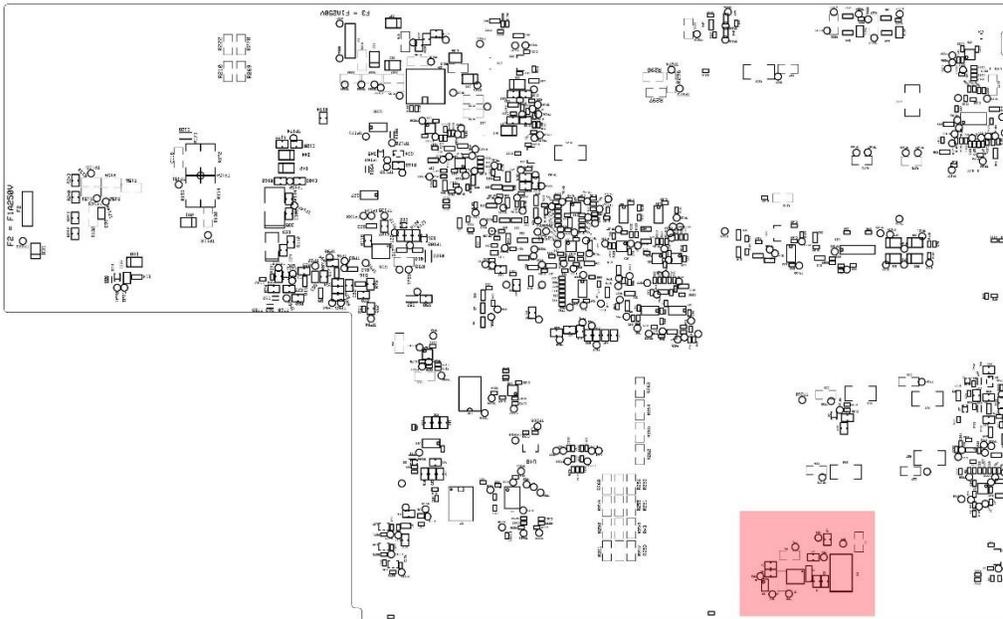
Remove the ribbon cable attached to the BP4DA1U-XXX





After modification follow this instruction backwards to reassemble the unit

Mount capacitor (470p500603NP05%) on top of component between legs 2 & 4 on position U3.



Test after assembly

Make sure that all the fans are running.

Make sure that you have audio on all channels.

Make sure that the channels are connected correct.

Channel A from output A and so on

History

Date	Created By	Status	Bulletin no.	Comment
2018-01-09	AR	Active	42	N/A