



**VARSEO**

Service & Support

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**BLACK TOUCHSCREEN**



# BLACK TOUCHSCREEN

## TOUCHSCREEN SOFTWARE FAILURE

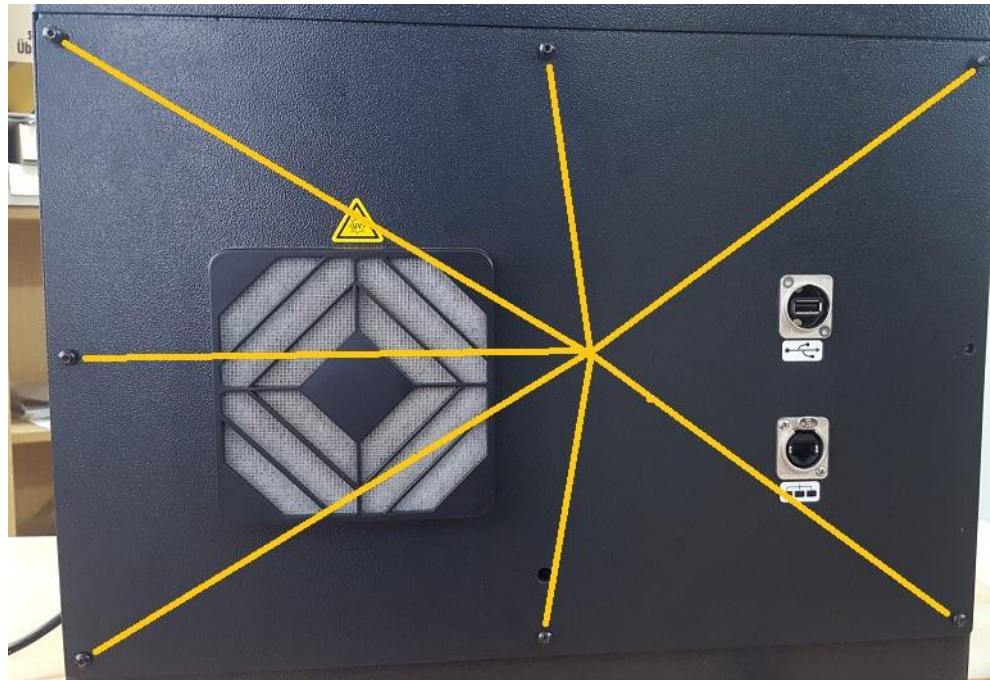


To be able to program the touchscreen you need a laptop , the program file 19542\_Vxx.hex ( Vxx depends software version ) , USB - extend cord and the software „mikrobootloader“.



# BLACK TOUCHSCREEN

## TOUCHSCREEN SOFTWARE FAILURE

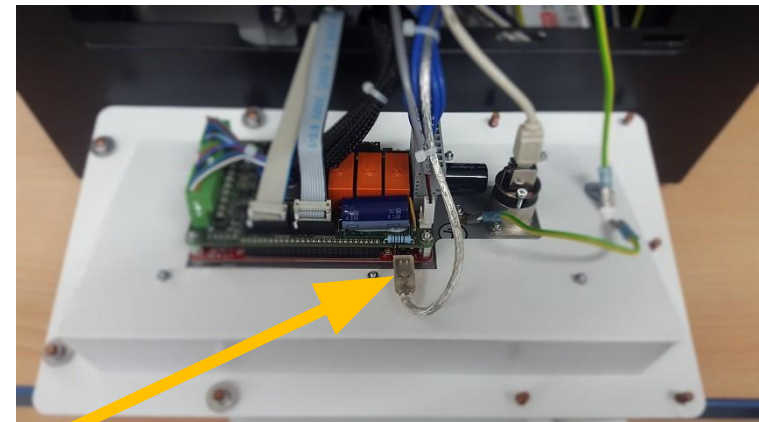


Unplug the VARSEO and unmount the rear plate



# BLACK TOUCHSCREEN

## TOUCHSCREEN SOFTWARE FAILURE



Unplug the USB cable which link the raspberry with the display . This one is necessary to program the touchscreen .Maybe ist necessary to use a USB cable extension to be able to link the laptop .



# BLACK TOUCHSCREEN

## TOUCHSCREEN SOFTWARE FAILURE

Start mikroBootloader USB HID.exe

| Name                               | Änderungsdatum   | Typ                  | Größe    |
|------------------------------------|------------------|----------------------|----------|
| mikroBootloader USB HID.exe        | 12.12.2014 13:27 | Anwendung            | 1.920 KB |
| Settings.ini                       | 14.10.2015 09:15 | Konfigurationsein... | 1 KB     |
| USB HID mikroBootloader Manual.pdf | 26.09.2011 11:50 | Adobe Acrobat D...   | 2.004 KB |



Link USB Cable with your Laptop



Click „Connect“ within 5 seconds after link.  
USB symbol change to red color .

**Note:** Repeat the procedure if you did not get a connection





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## TOUCHSCREEN SOFTWARE FAILURE



Click „Browse for HEX „ to load 19542\_Vxx.hex file



See example if loaded .  
This one is a V12.hex version



# BLACK TOUCHSCREEN

## TOUCHSCREEN SOFTWARE FAILURE



Click „Begin uploading,,



Wait till the upload finish

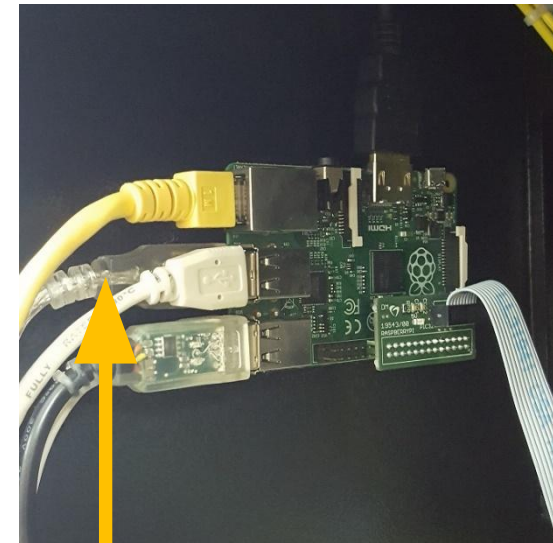


# BLACK TOUCHSCREEN

## TOUCHSCREEN SOFTWARE FAILURE



Upload done



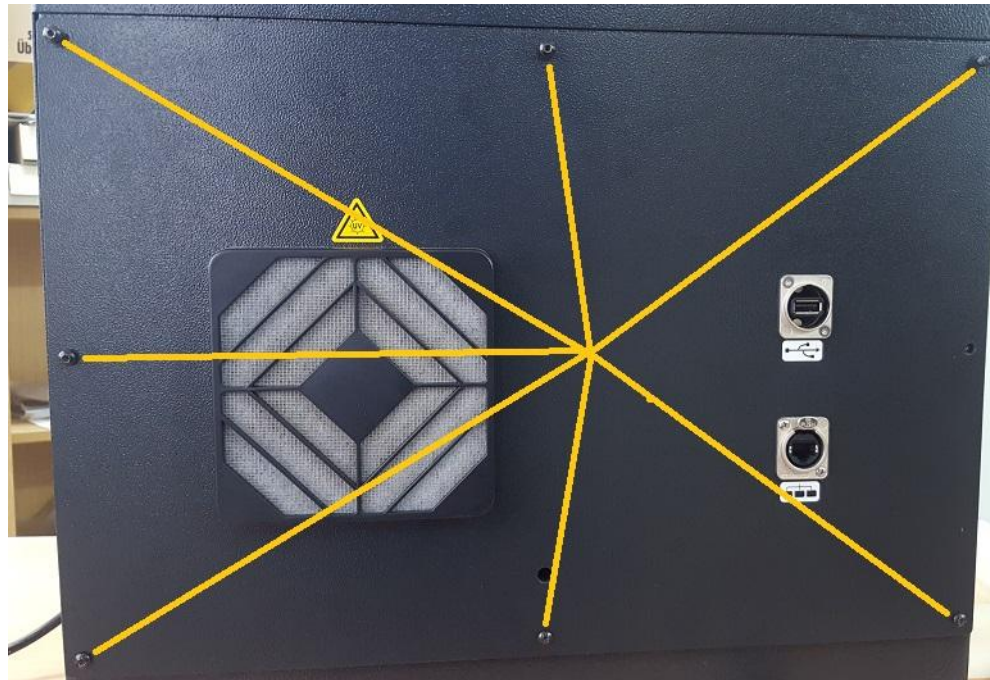
Plug the USB cable back into the raspberry





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## TOUCHSCREEN SOFTWARE FAILURE

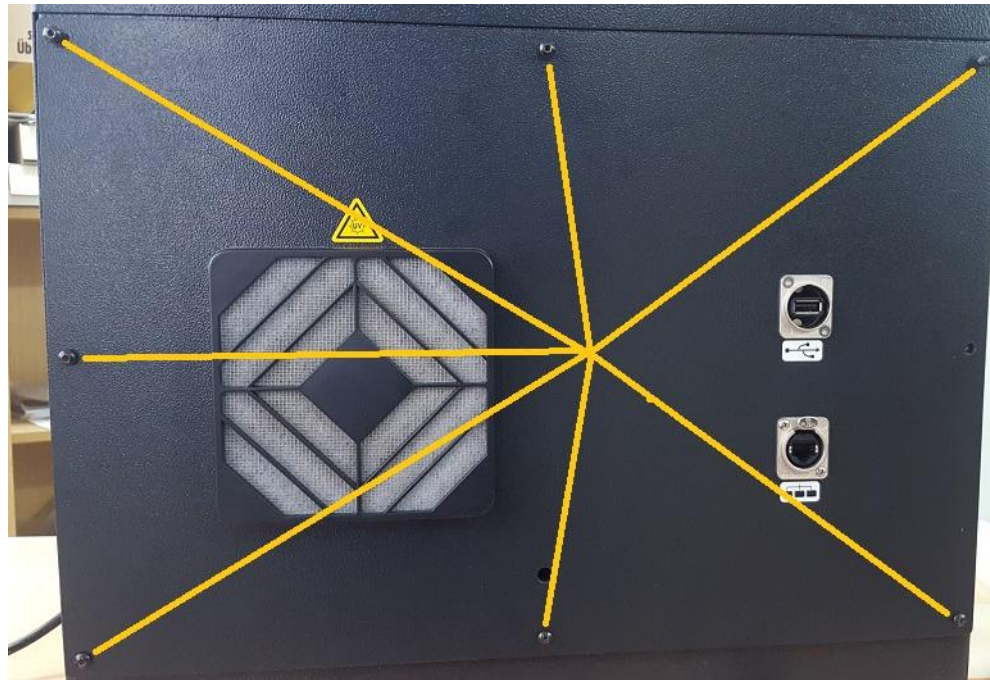


Mount rear plate back



# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456

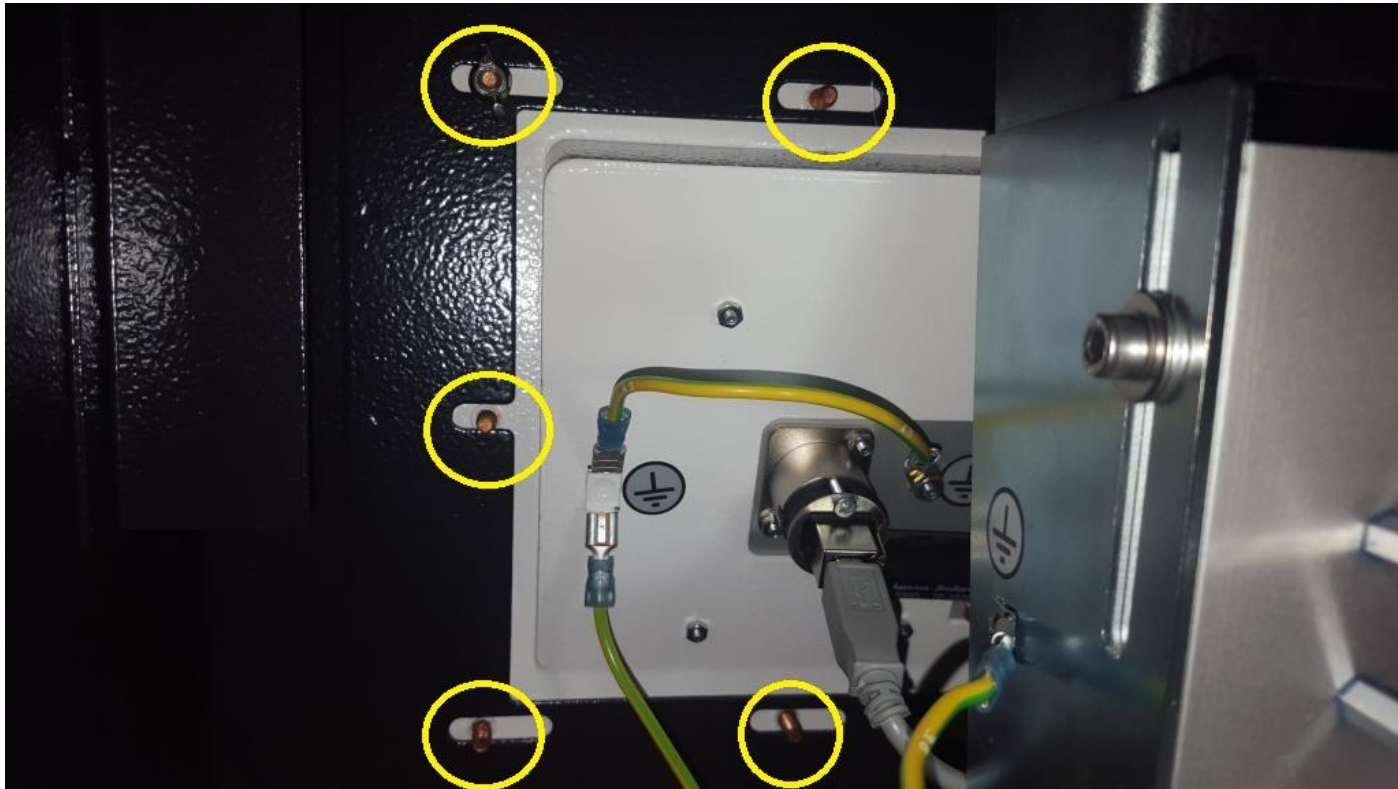


Schalten Sie den VARSEO aus und ziehen Sie den Stecker.  
Öffnen Sie die Rückwand.



# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



Die 5 Flügelmuttern mit Unterlegscheiben entfernen



# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



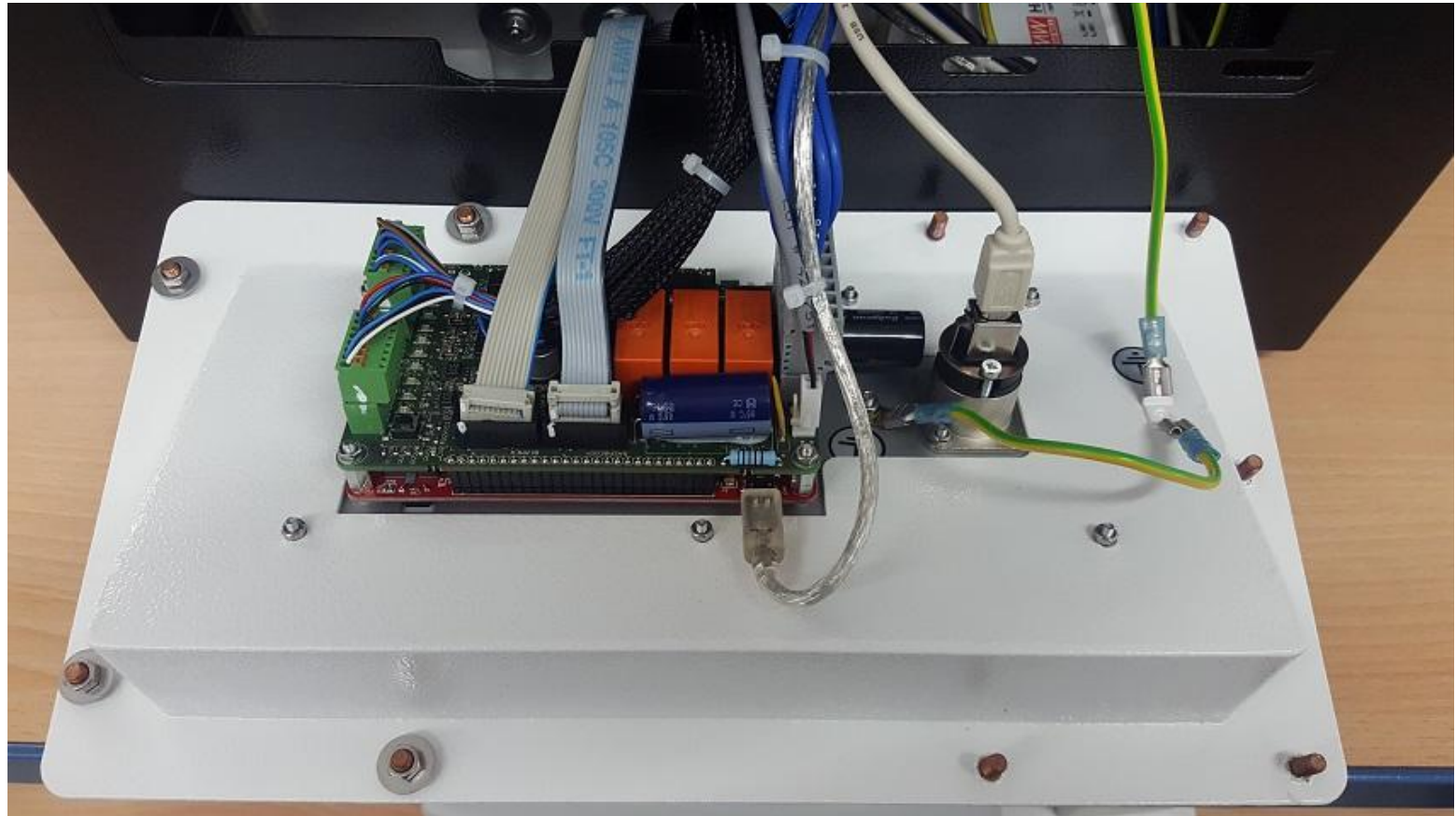
**Rahmen nach rechts schieben und nach vorne umklappen**





# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



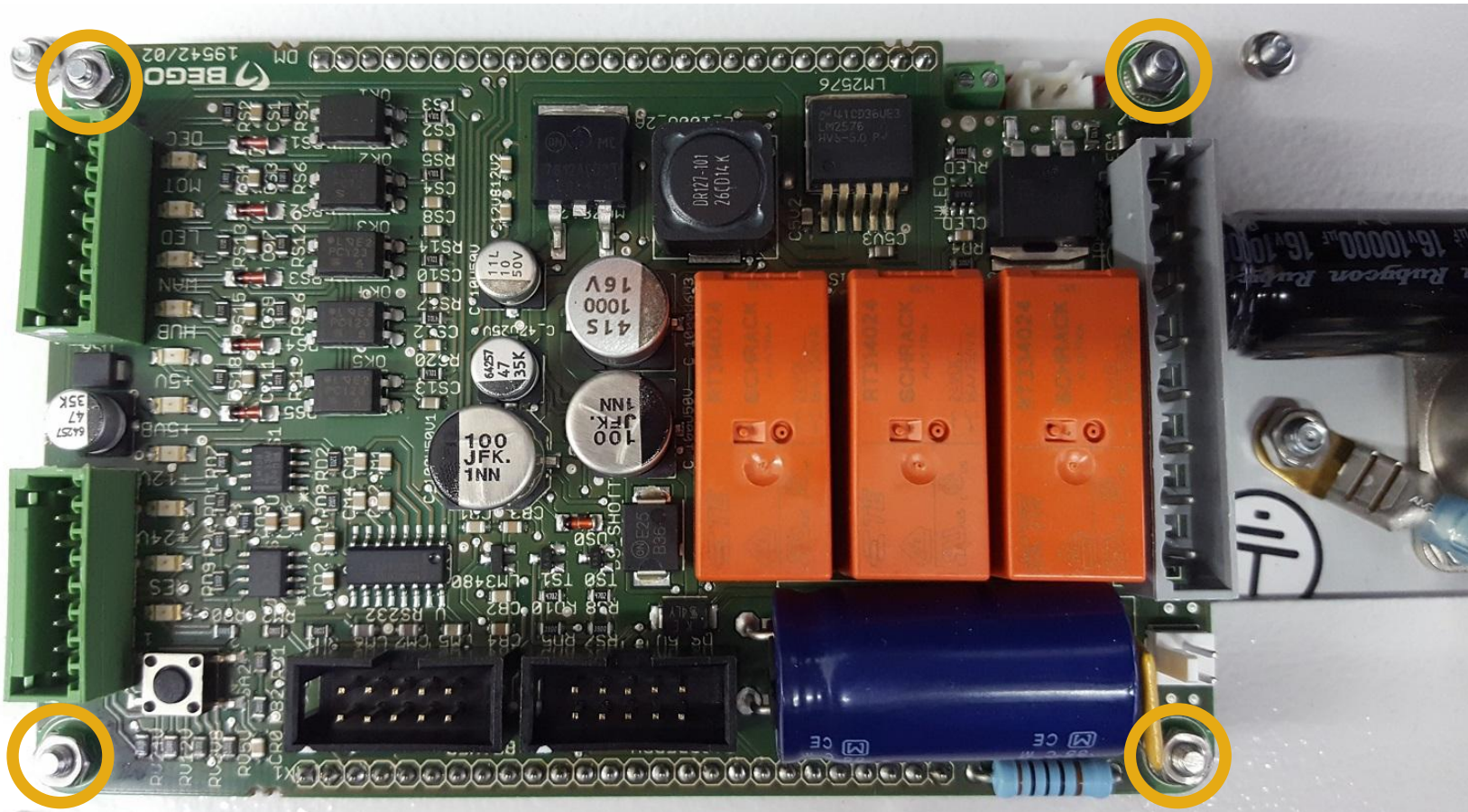
Kabelsteckverbindungen abziehen





# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



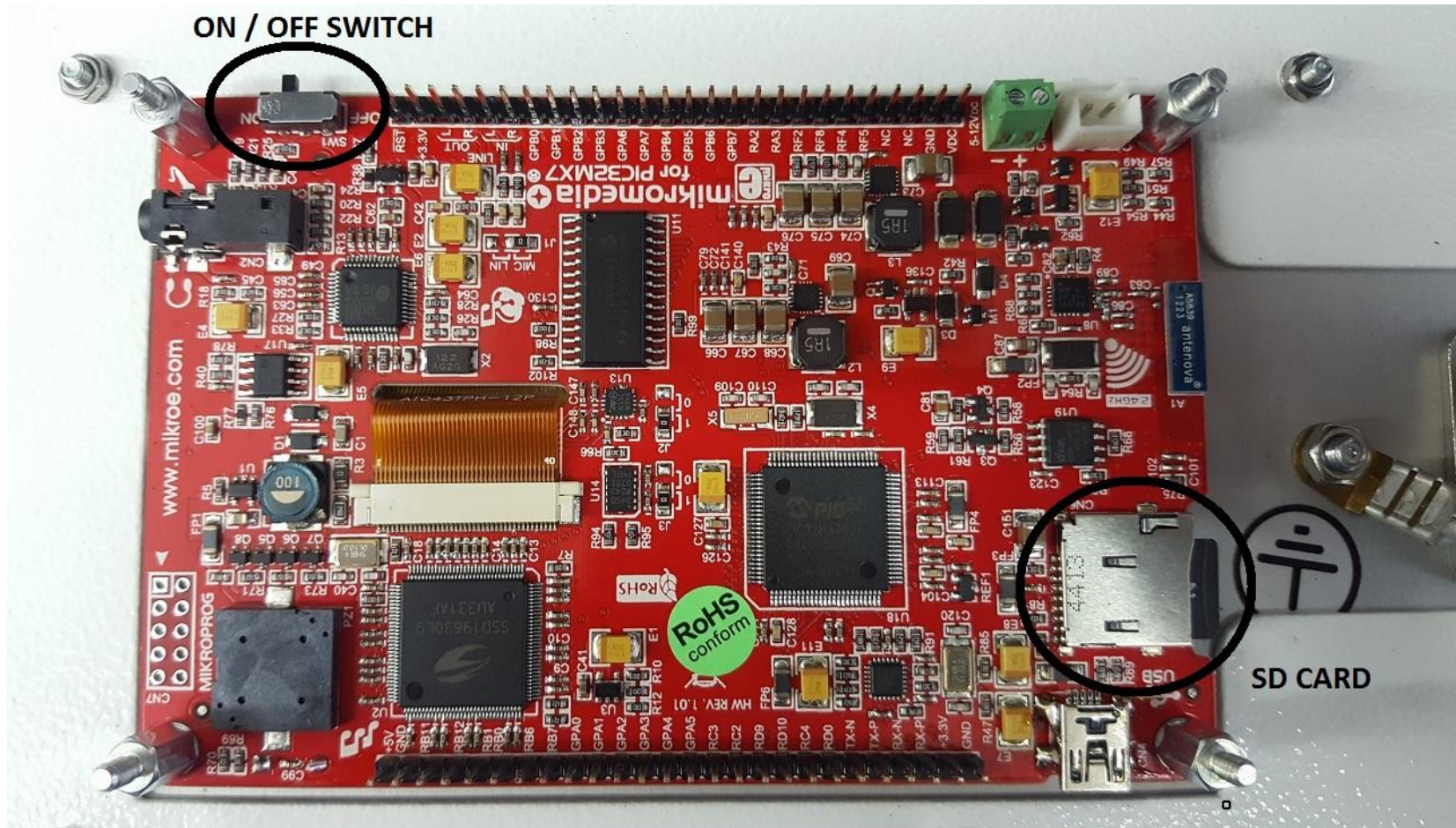
Muttern entfernen und Steuerplatte vorsichtig nach oben abziehen





# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



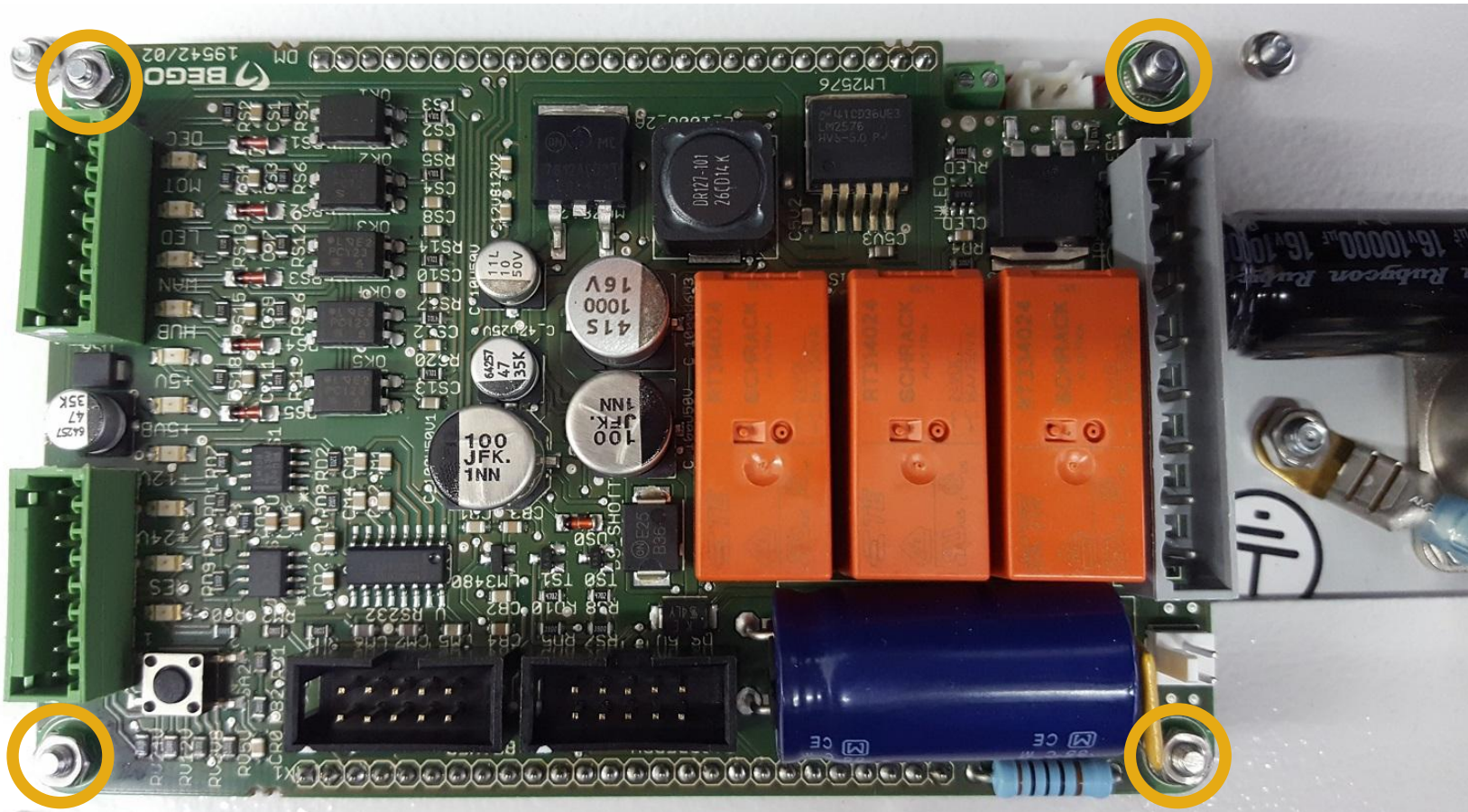
Befestigungshalter abschrauben und Touchscreen #19456 tauschen.SD Karte wieder einsetzen und Schalter überprüfen > Muss auf Position ON stehen.





# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456

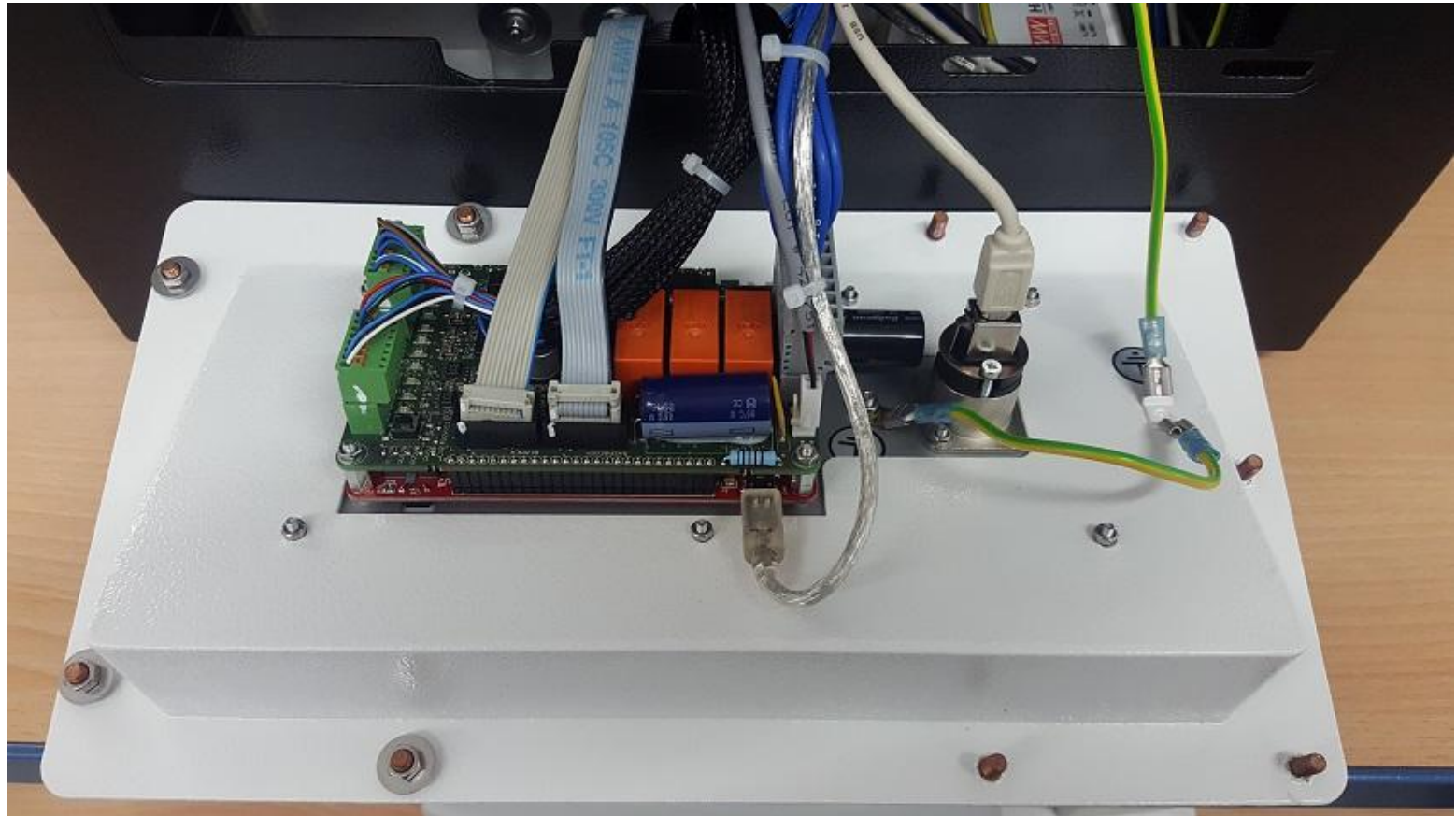


Steuerplatine auf den neuen Touchscreen aufstecken und mit den Muttern wieder befestigen.



# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



**Kabelsteckverbindungen wieder aufstecken**



# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



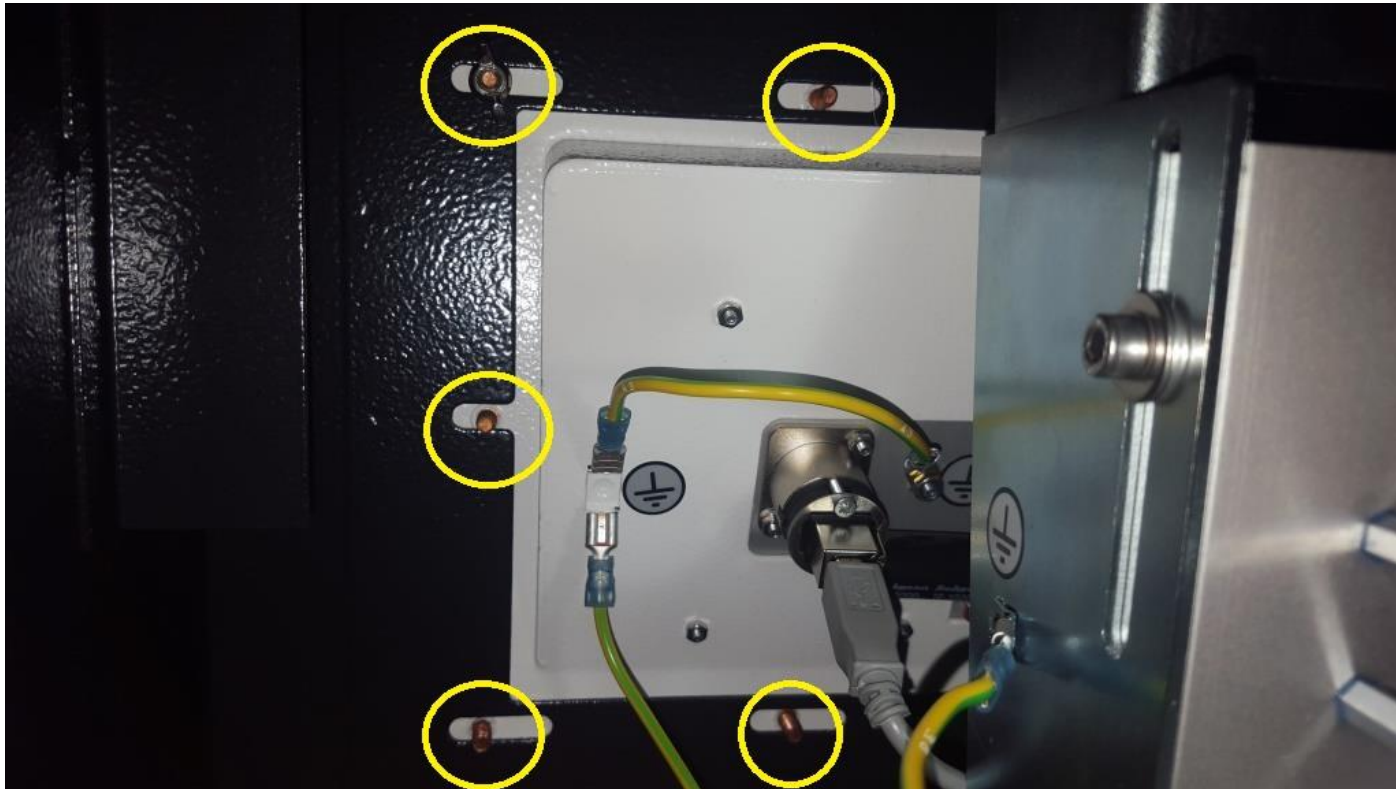
**Rahmen einsetzen und nach links schieben.**





# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456

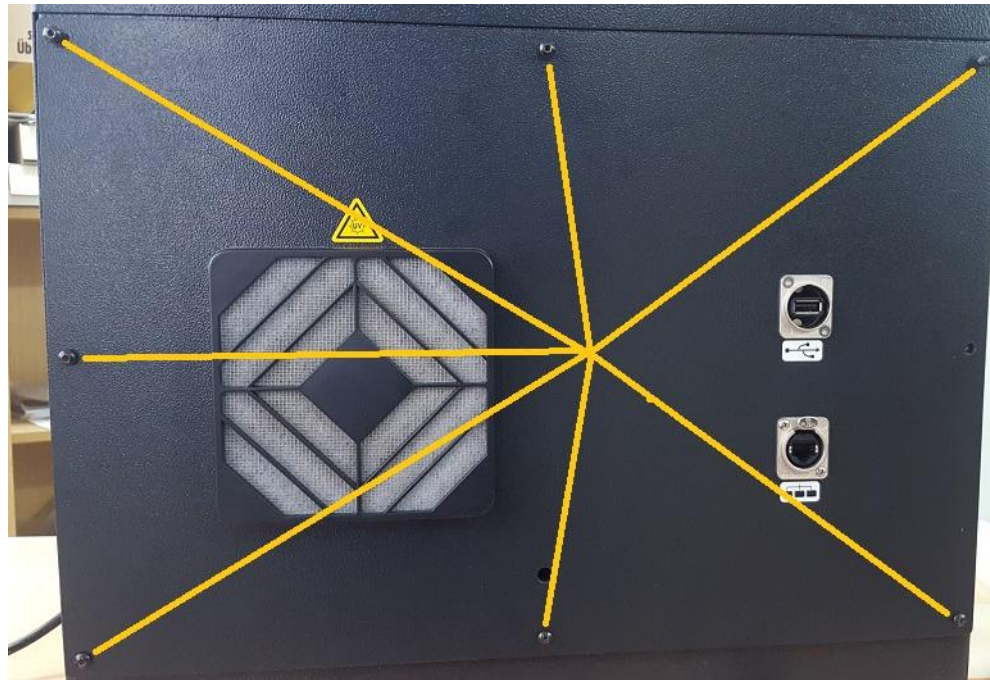


Frontplatte mit den 5 Flügelmuttern mit Unterlegscheiben befestigen



# BLACK TOUCHSCREEN

## DEFECTIVE TOUCHSCREEN #19456



Rückwand befestigen.