

# iTopie RepRap Build Manual



# **CHAPTERS**

**1.The Frame**

**2.The X Axis**

**3.The Y Axis**

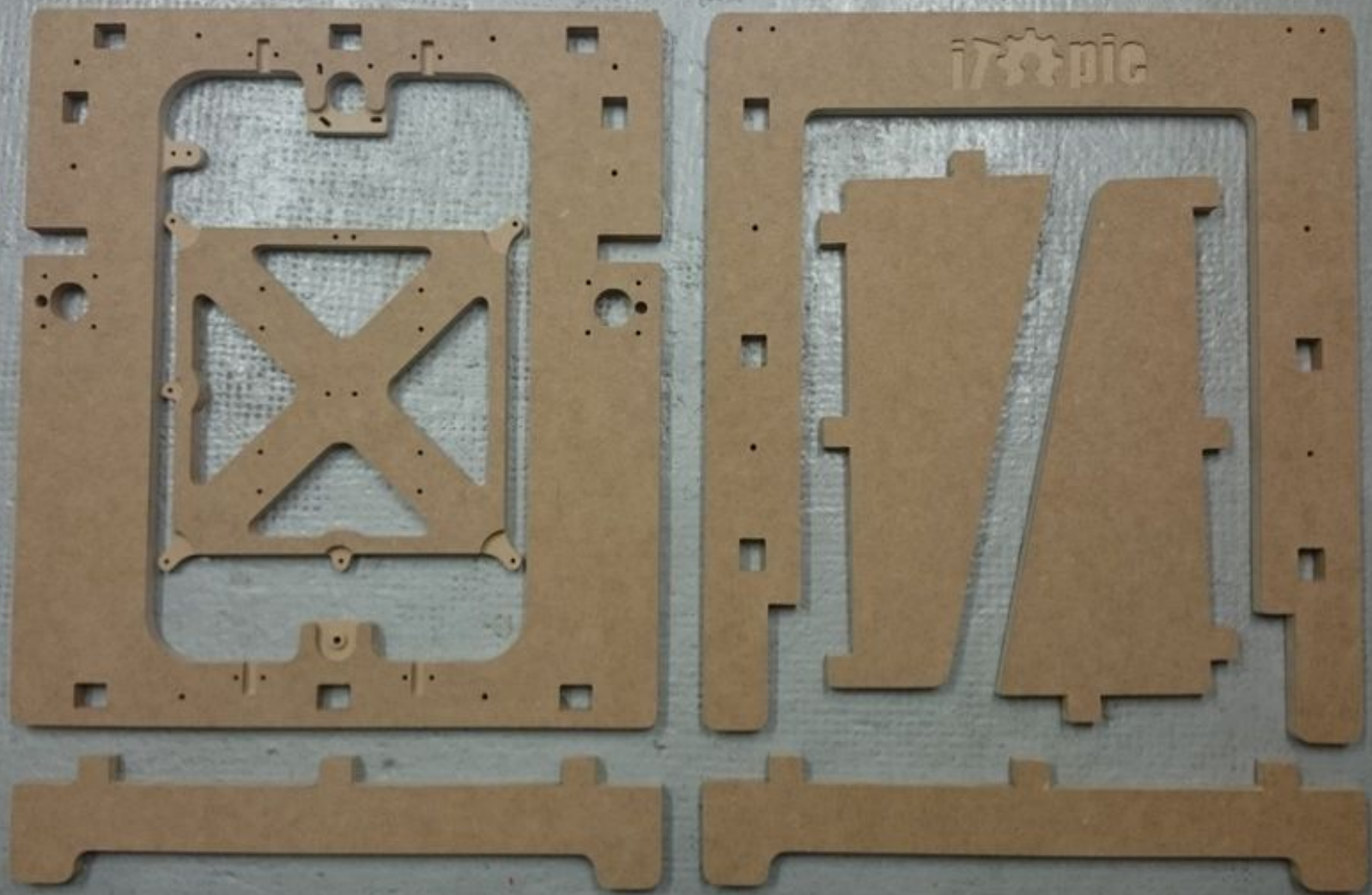
**4.The Z Axis**

**5.The Belts**

**6.The Heated Bed**

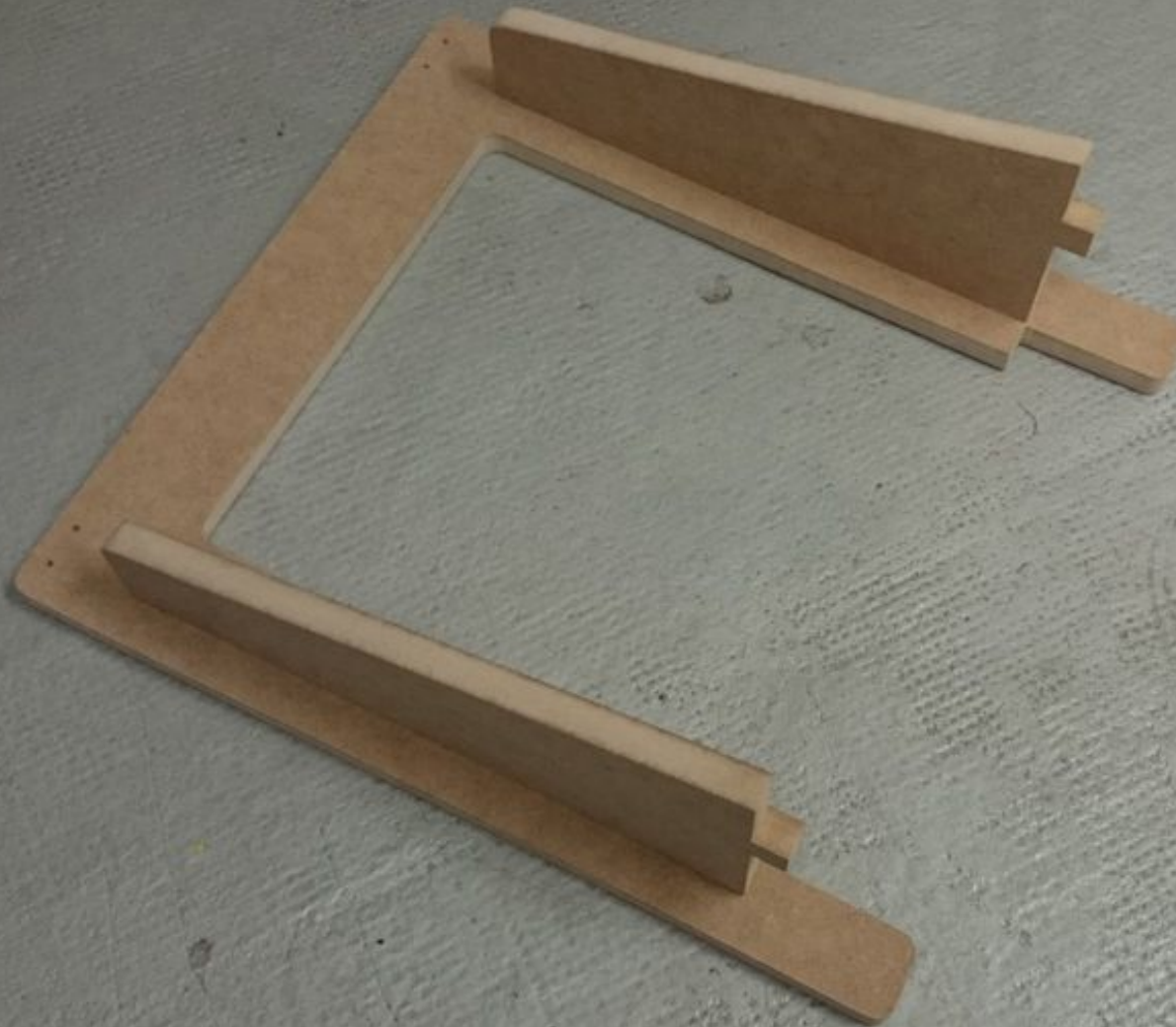
## CHAPTER 1

# The Frame





Fit **the** rear  
**triangle** on **the** U part.

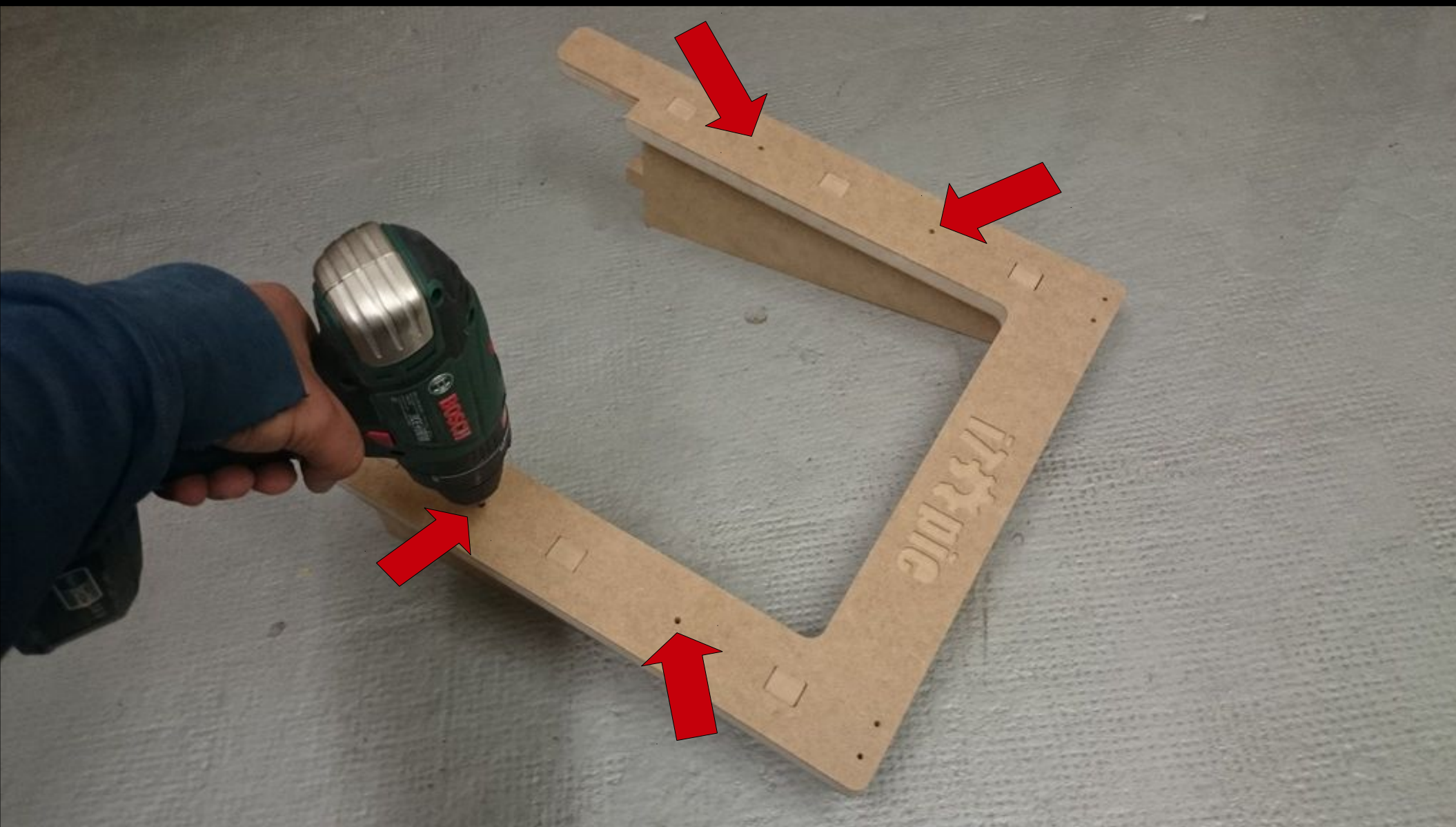


Take a 3mm **drillbit** and **adjuste**  
to **3.5cm** from **the** mandrel.



**Make** some **holes.**

**(4x)**



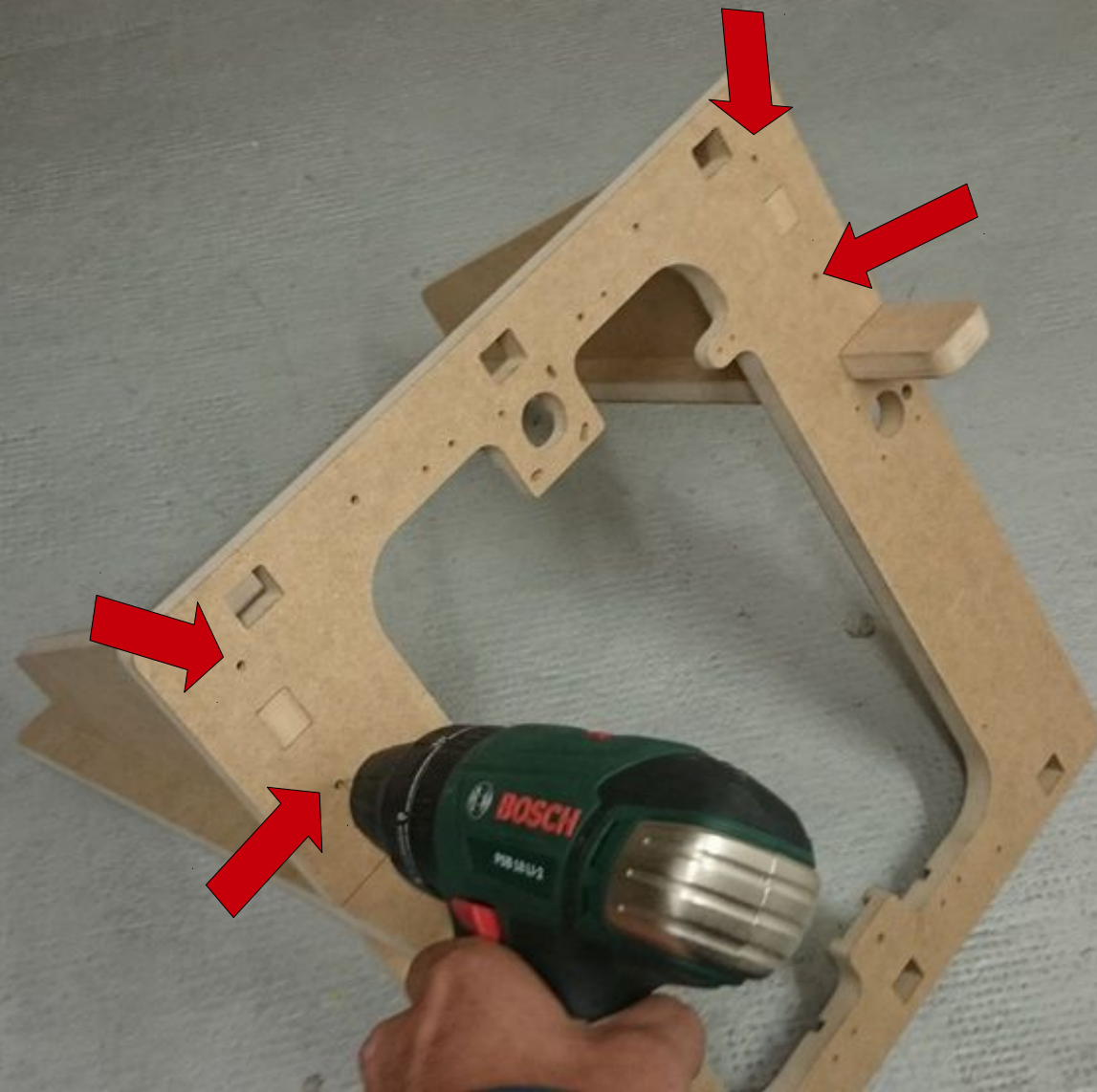


**Fit the assembly  
on the O part.**



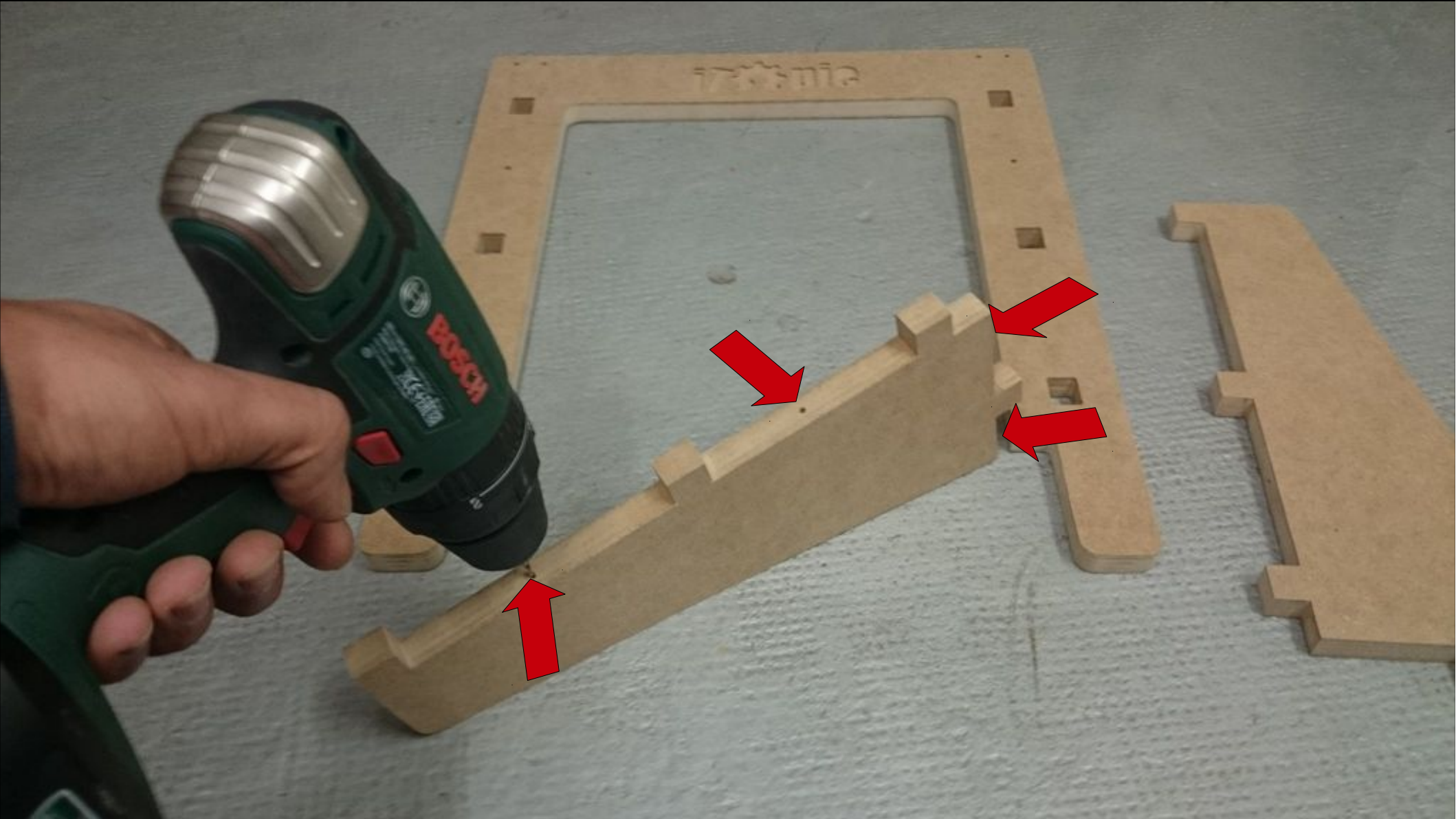
**Make more holes.**

**(4x)**





**Remove** all **parts** and **remake** again  
**the** holes **in** depth. (8x)

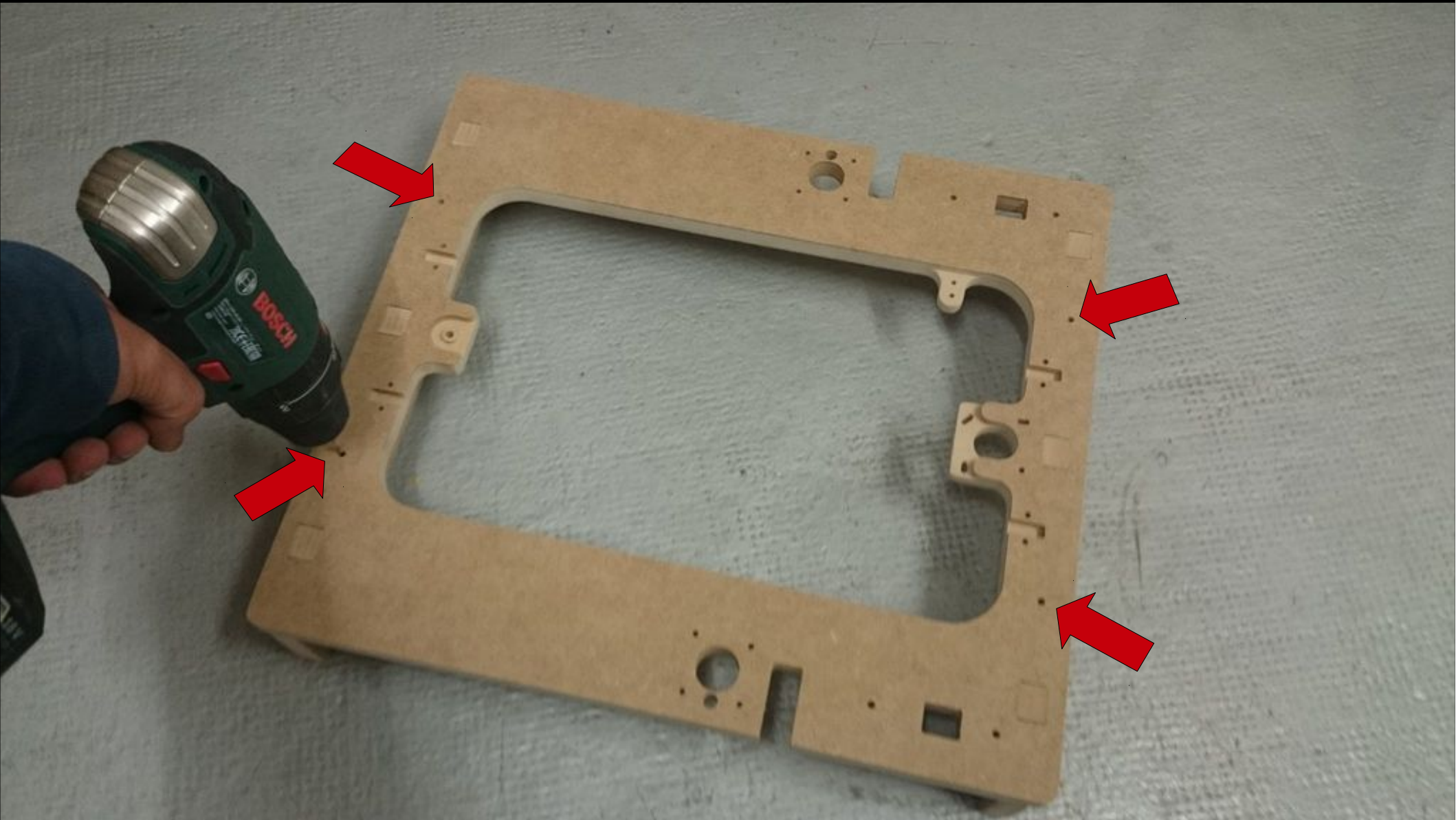


**Ok !, Fit the feet  
on the O part.**



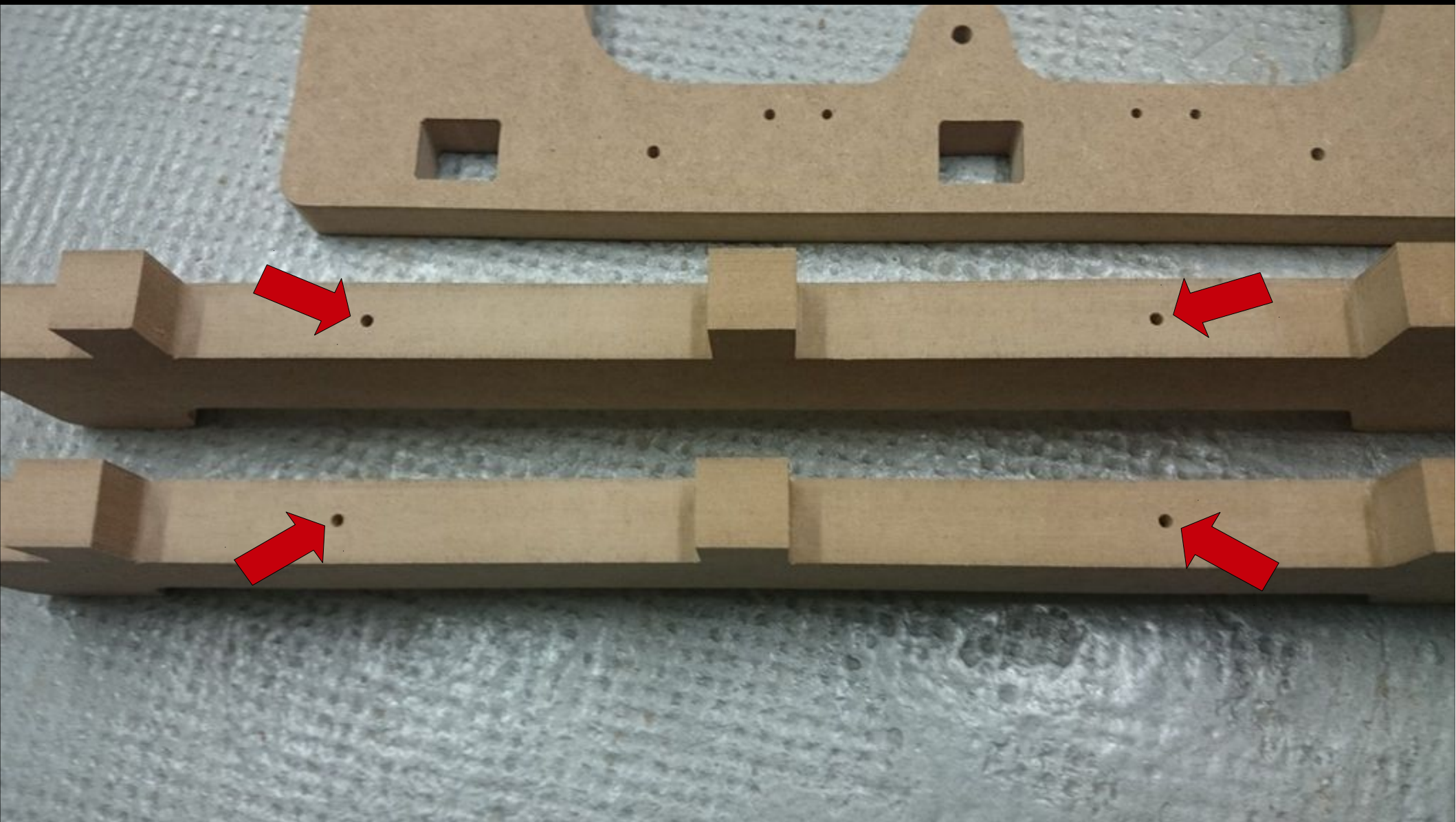


Turn **back** and... **yes !**  
**more and more holes. (4x)**

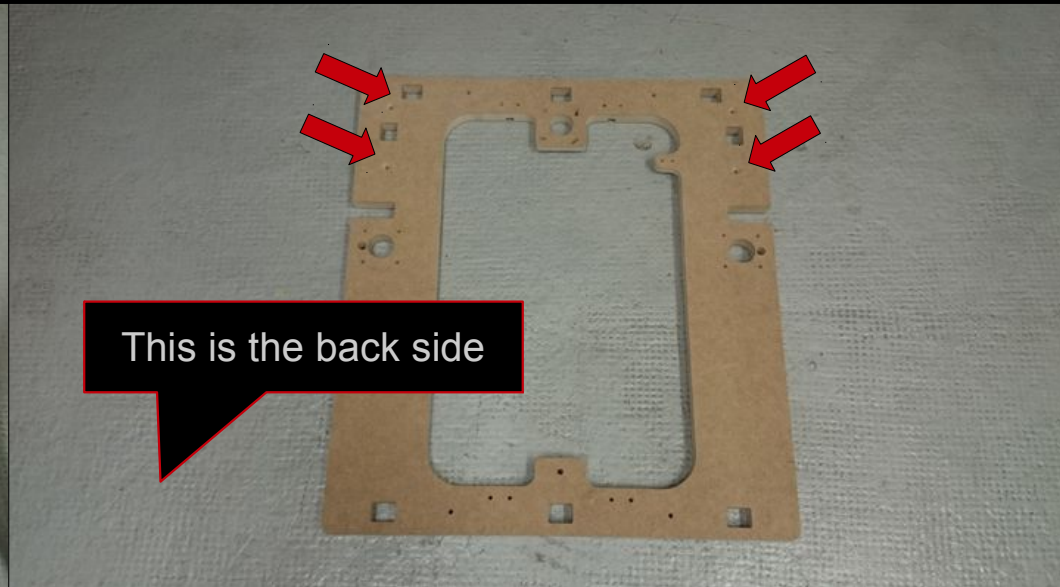
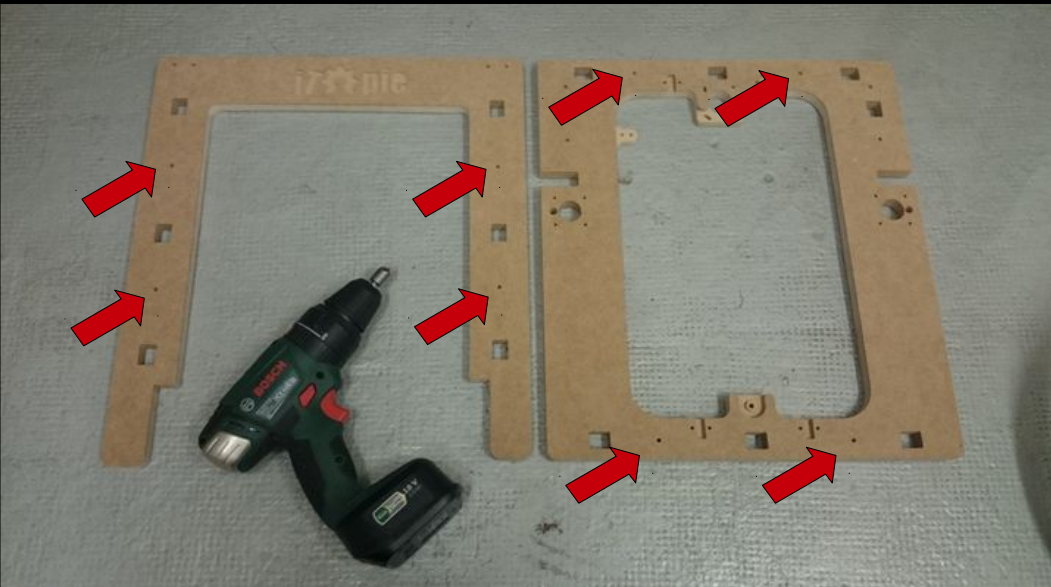




Same **as above**, **unplug the parts**  
and **remake the holes. (4x)**



# **The chamfers,** **optional but recommended.**





# Glue and screws party.





**Apply** some glue **on**  
**the** two **triangle**.

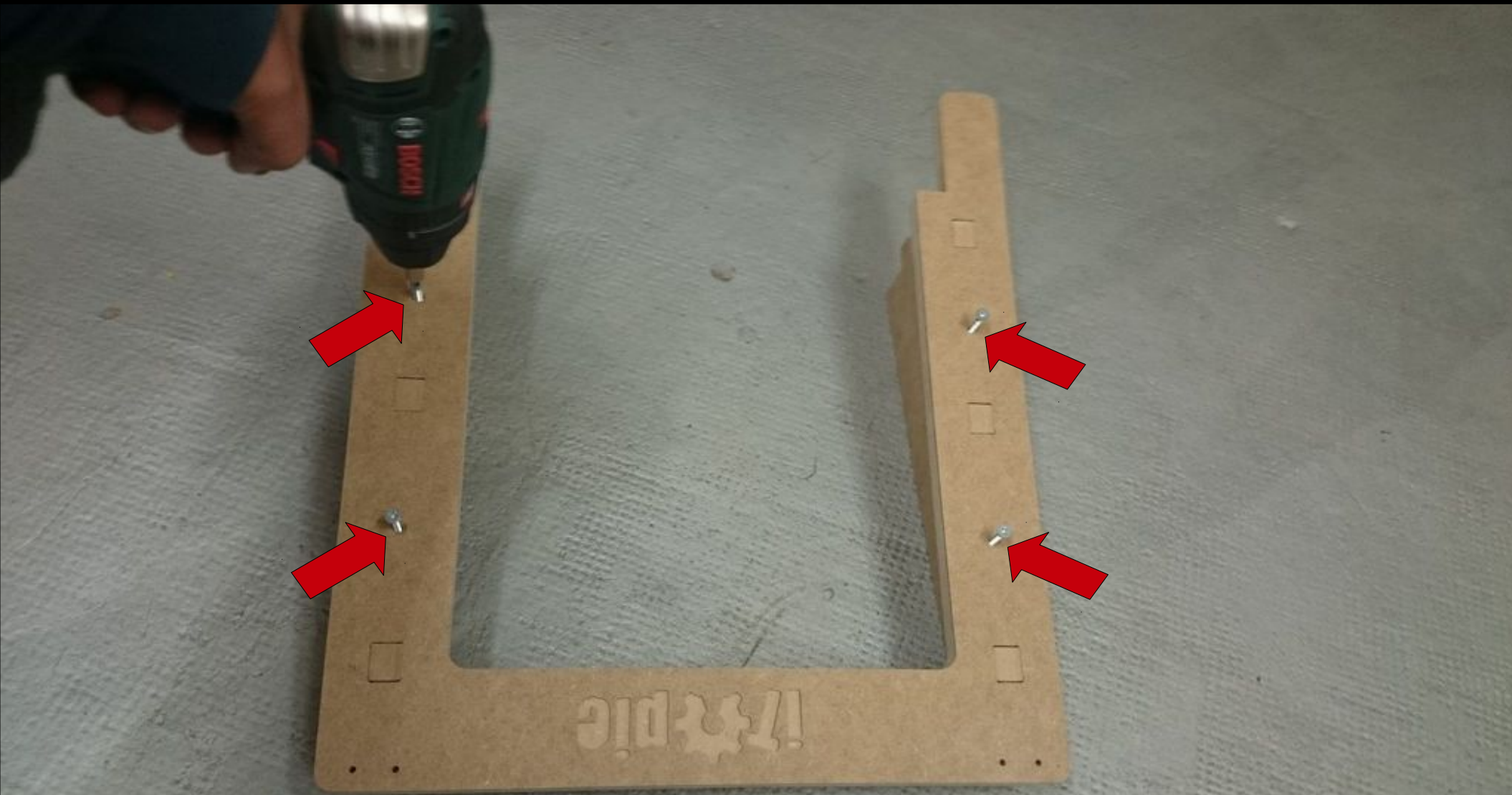


**Re-Fit the rear triangle on**  
**the U part and press hard.**



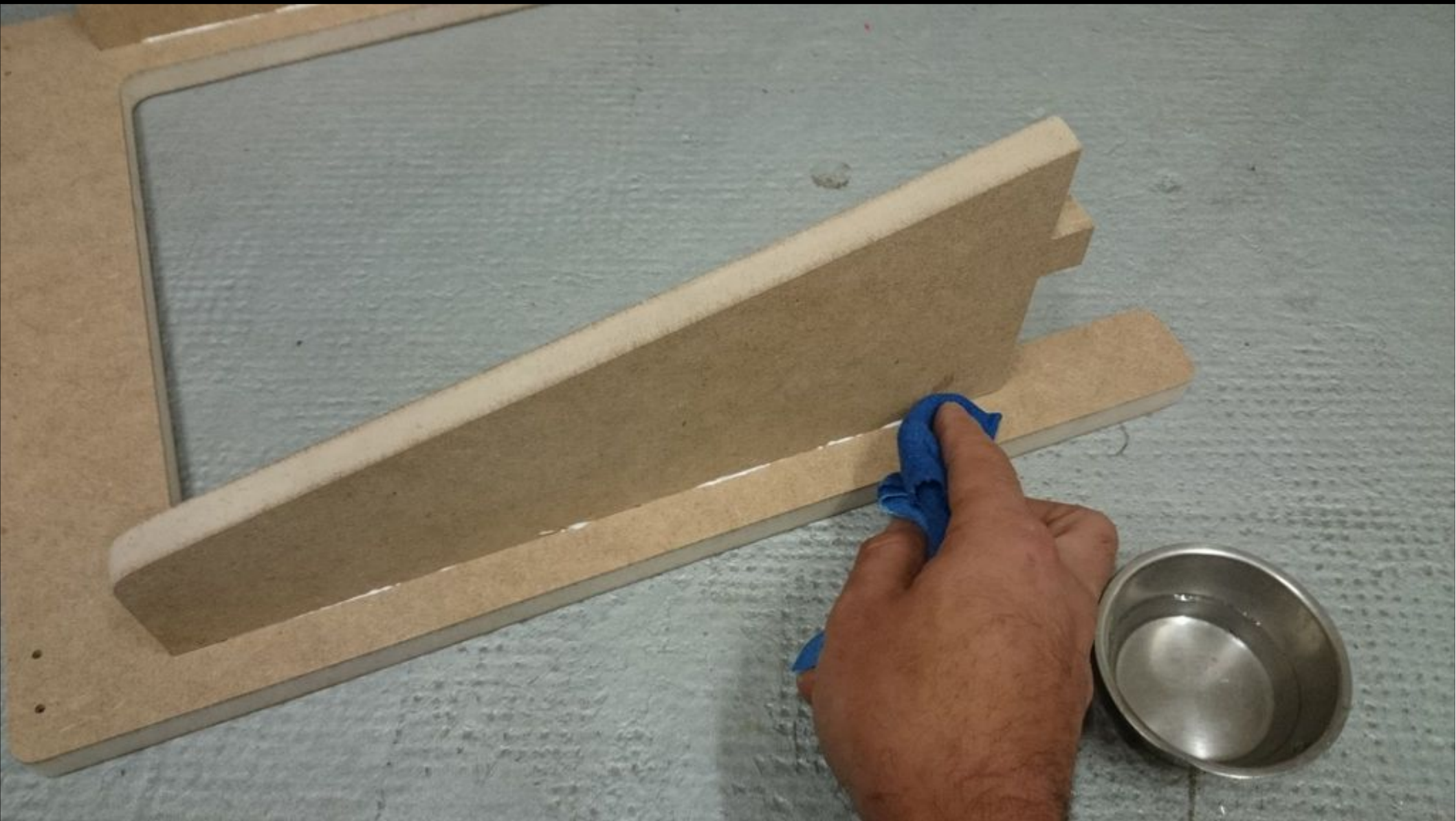


**Turn back and screw all together**  
**3.5x40mm (4x)**





**With a wet cloth,**  
wipe the **superfluous** glue.

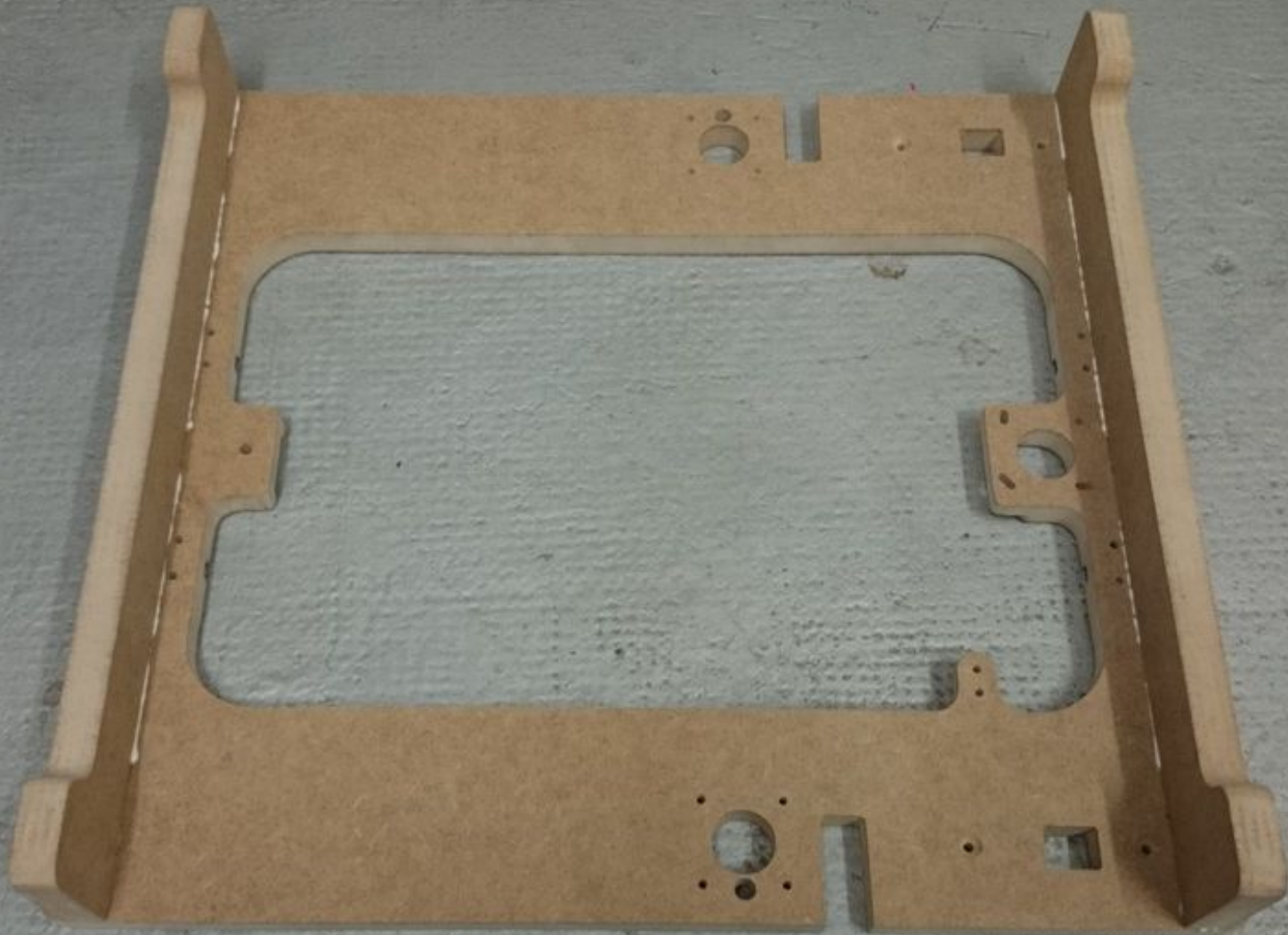


**Take** the **feet** and  
apply **some** **glue**.



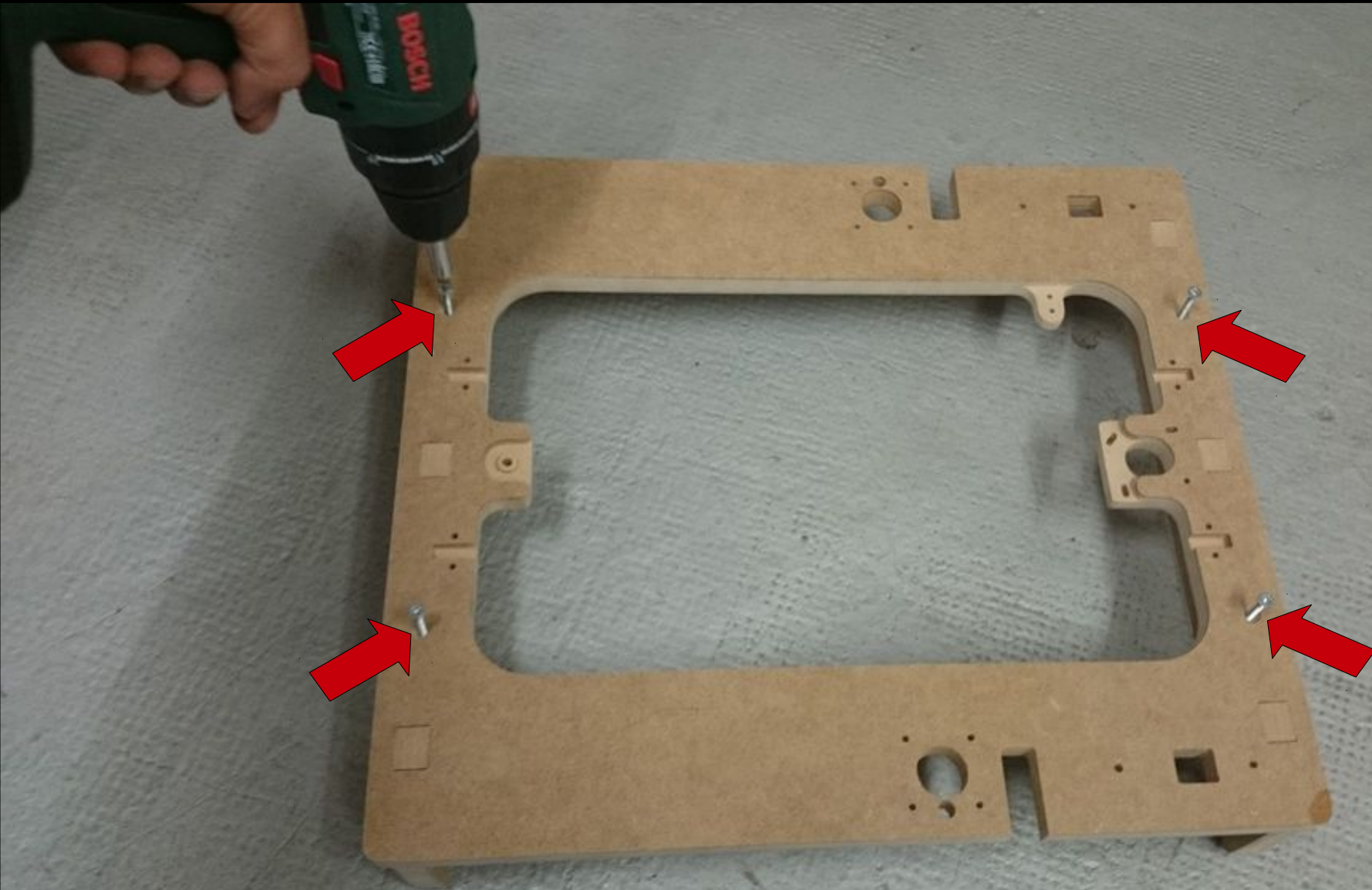


**Plug the feet and  
press hard.**

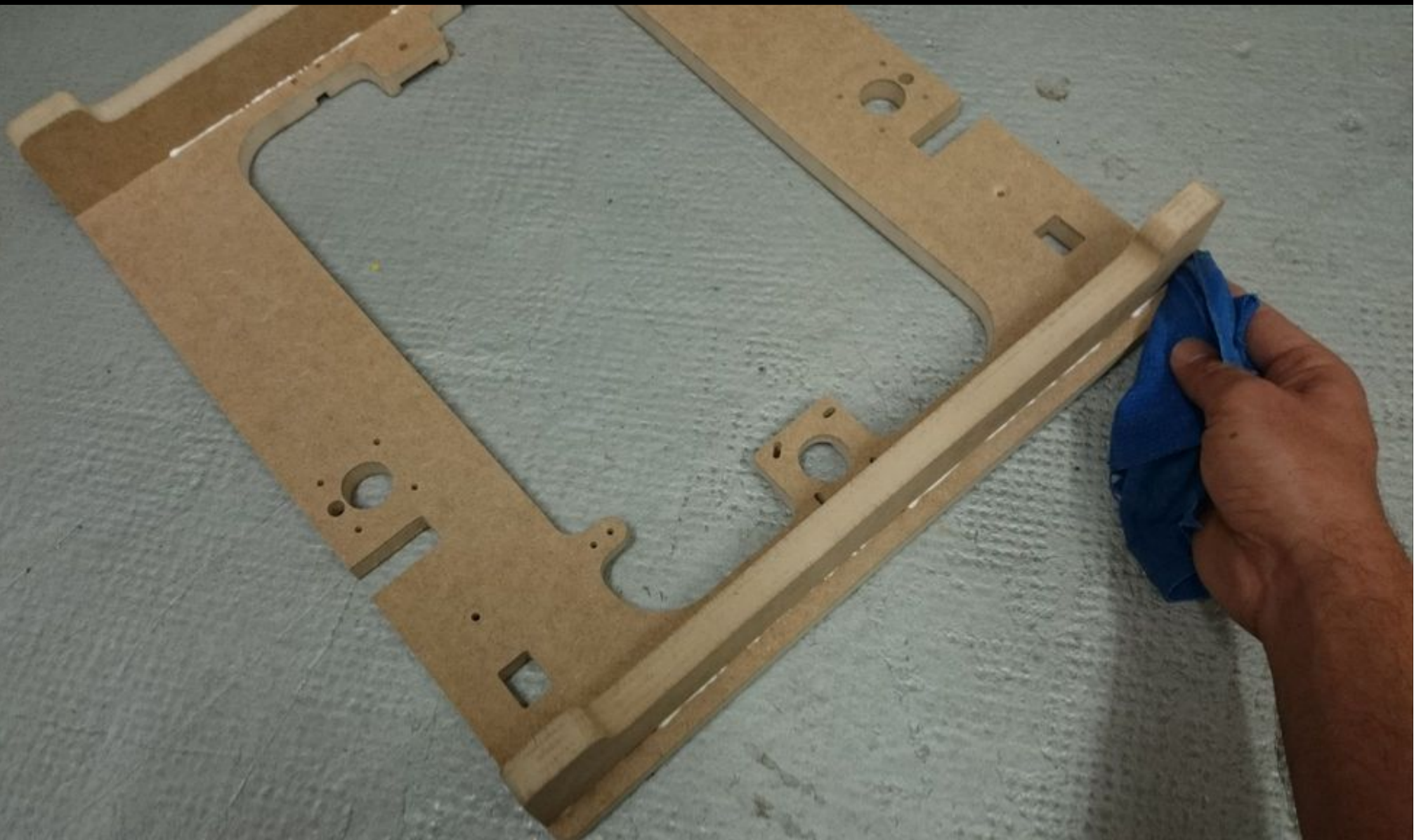




**Turn back and screw all together  
3.5x40mm (4x).**



As **before**,  
**clean the glue.**

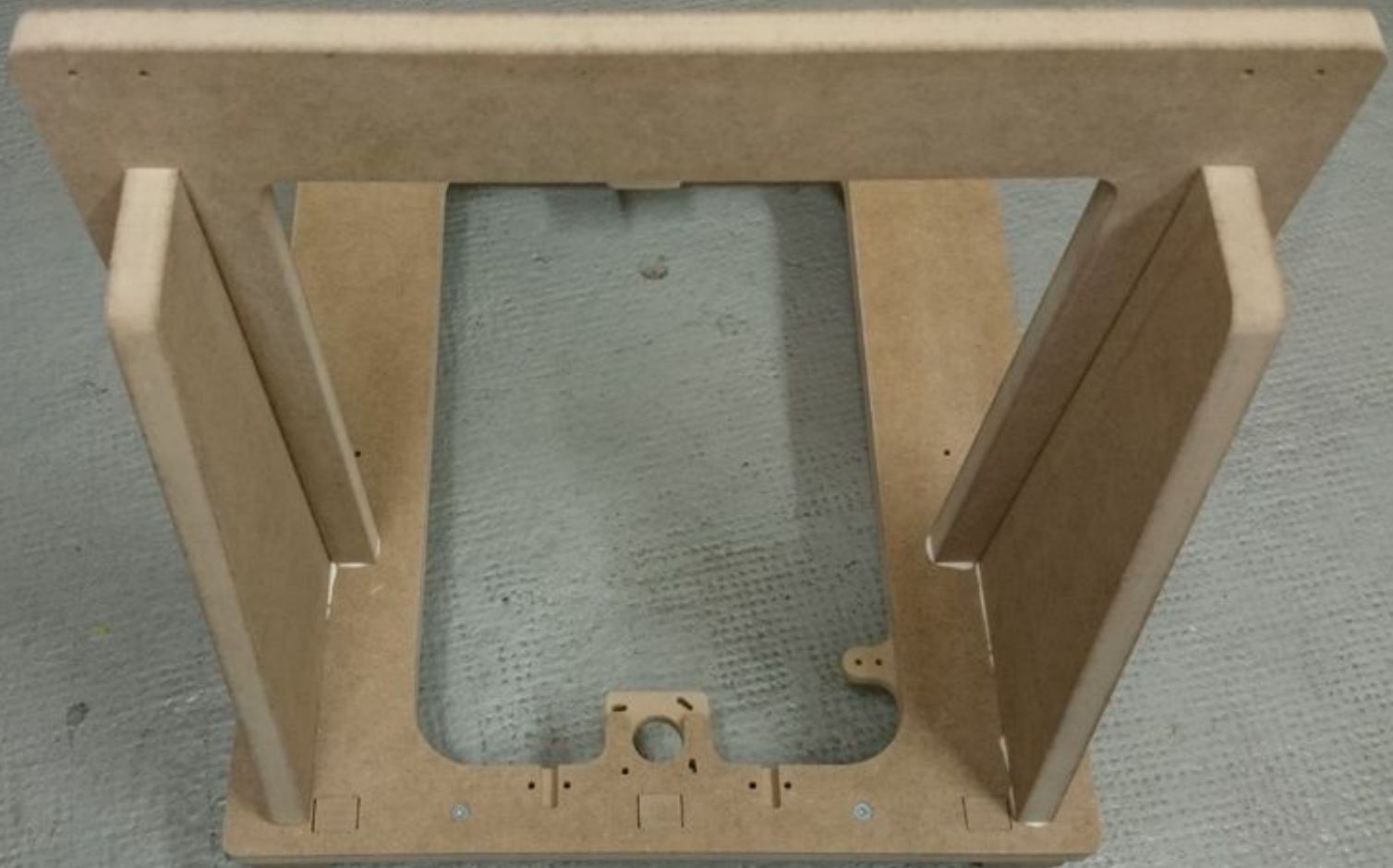




**Apply some glue  
as pictured.**

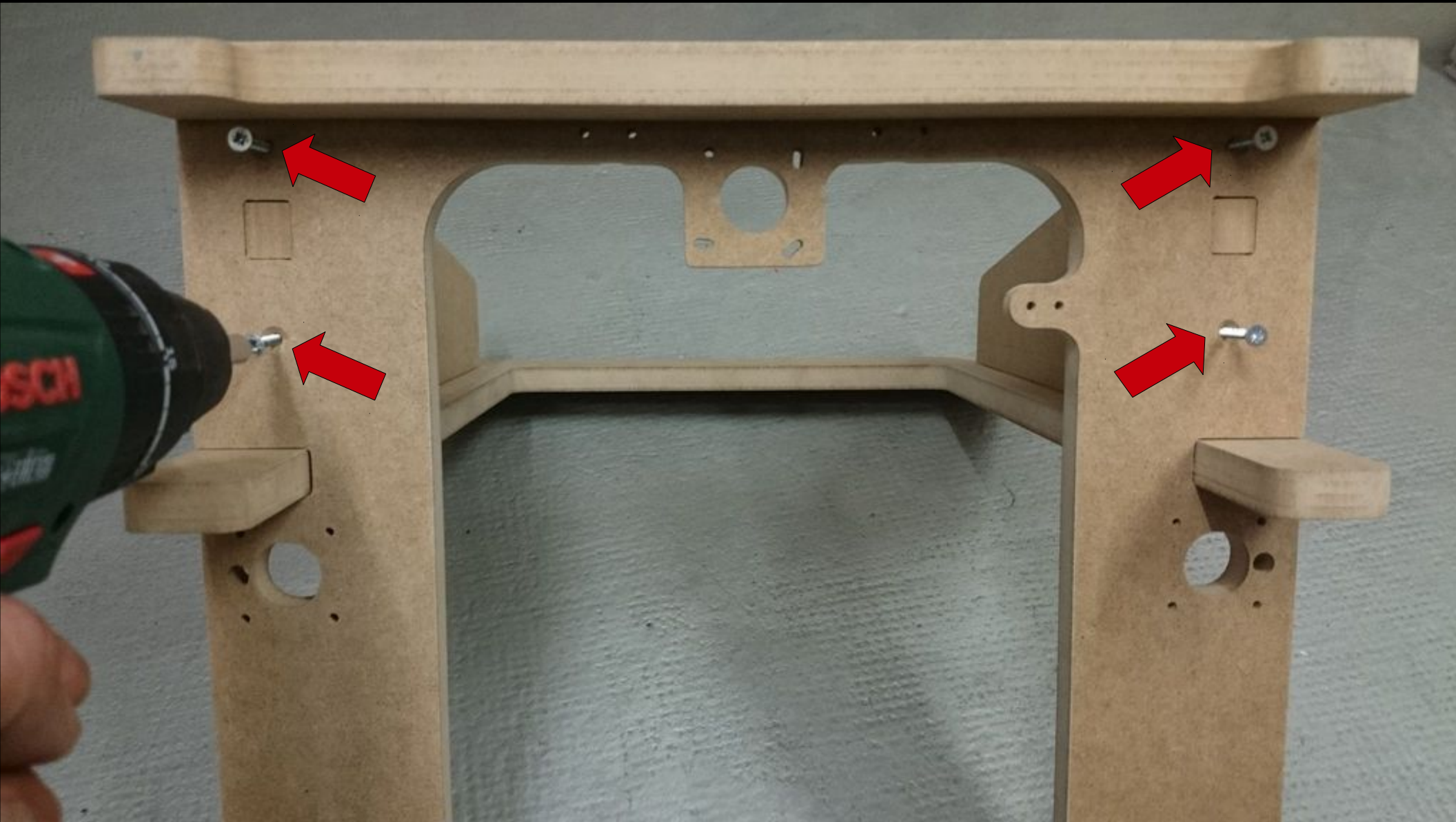


**Fit *all* together**  
***and* press *hard*.**

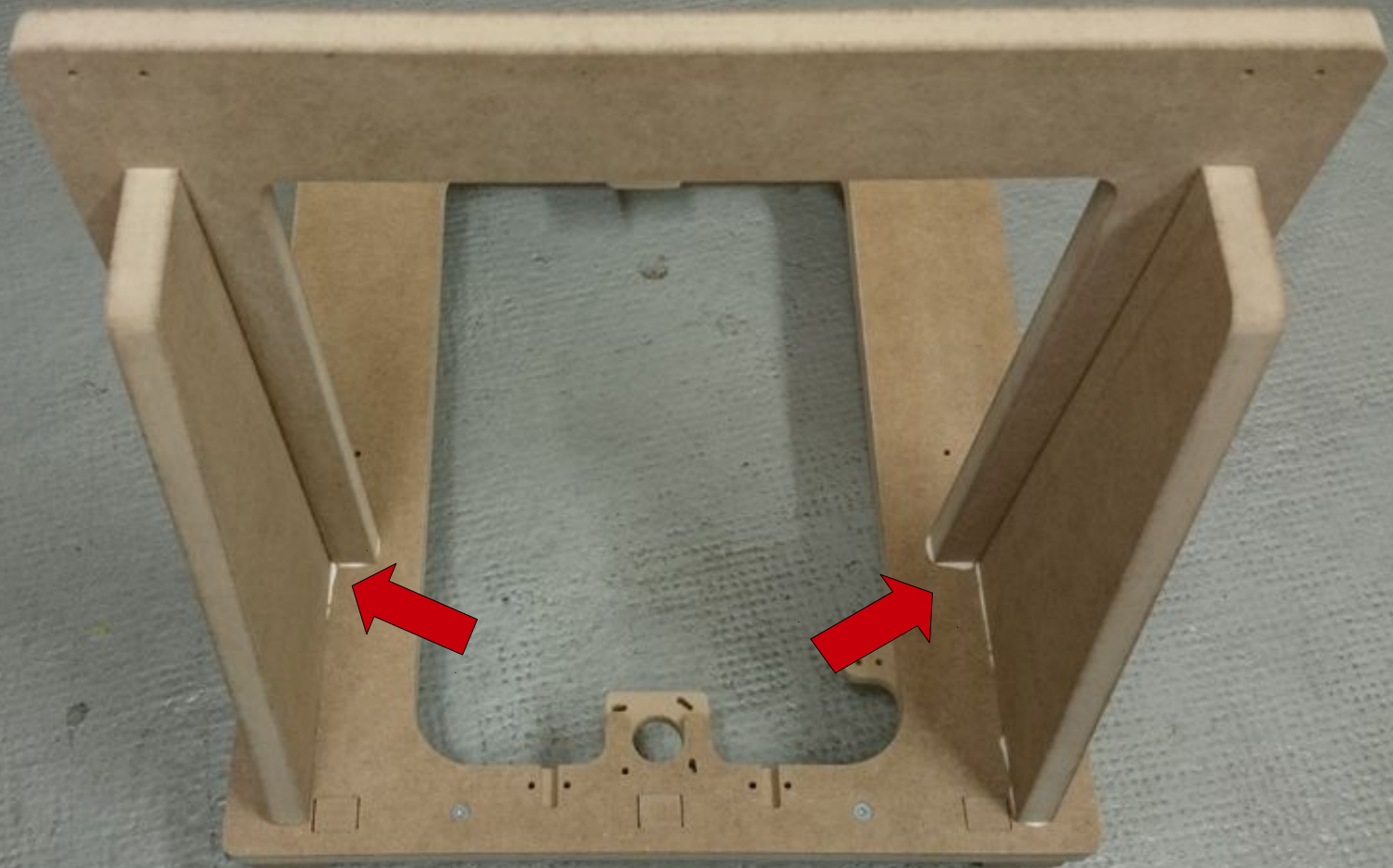




**Turn back and screw all together  
3.5x40mm (4x).**



Do **not** forget **to**  
clean **the** glue.

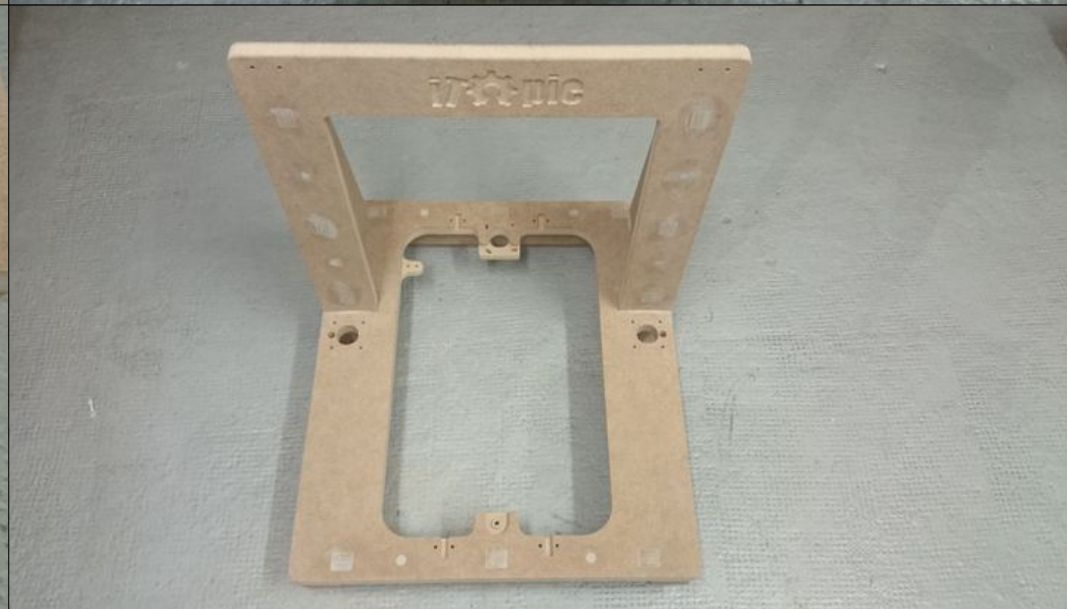
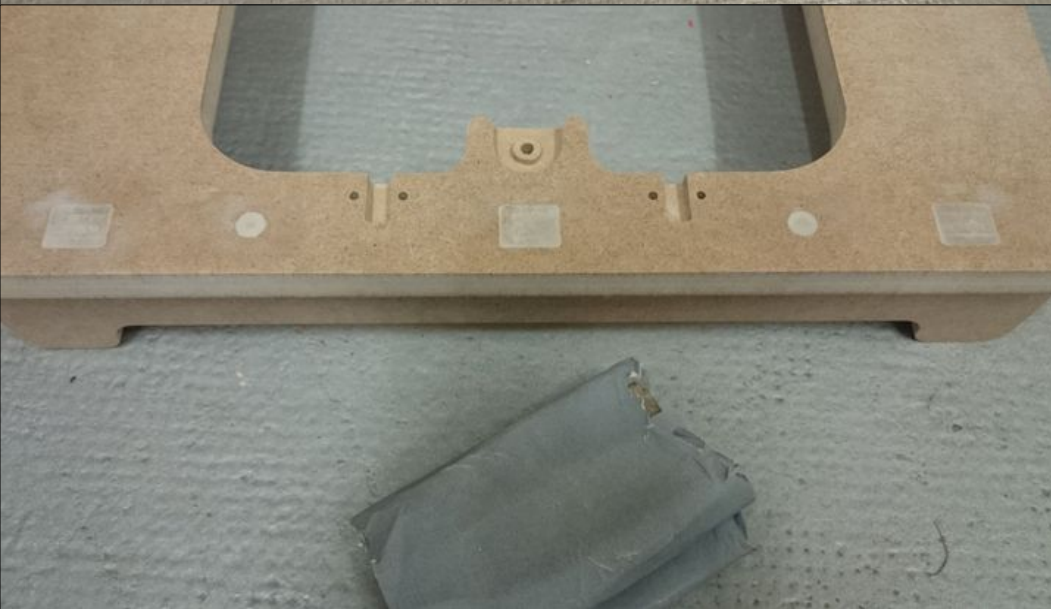




**CHAPTER 1**  
**The end...**

**At this point your frame is finished and functional. The following statement is optional but highly recommended.**

**1**Cleaning, **2**Apply some wood putty, **3**Sanding,  
**4**Final cleaning with a damp cloth.





**5**Color (two coats), **6**Laquer (two coats), **7**Logo.





## CHAPTER 1

# Alternative ending.

