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SNAPMAKER U1 DRWR

DRWR FOR SNAPMAKER U1

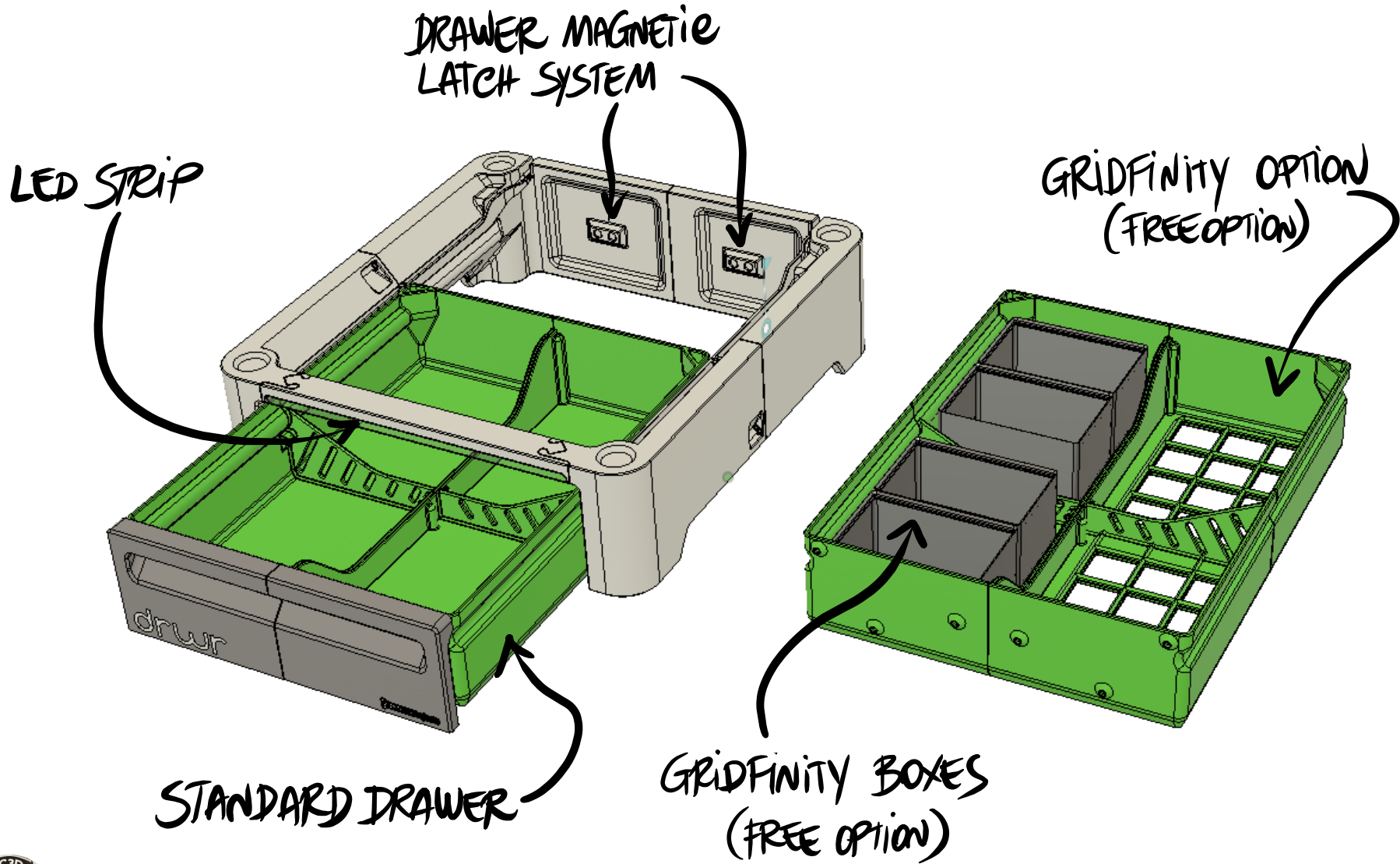
A DRAWER TO STORE YOUR PRINTER TOOLS AND SPARE PARTS.
A DRAWER THAT ALSO LIFTS YOUR PRINTER, MAKING IT READY FOR
FUTURE UPGRADES LIKE DRYBOXES.

AN LED TO SHOW YOUR PRINTER'S STATUS IF YOU'RE A PRO—OR
JUST TO LIGHT UP THE DRAWERS.

SMOOTH STANDARD DRAWERS, OR A FREE GRIDFINITY OPTION.

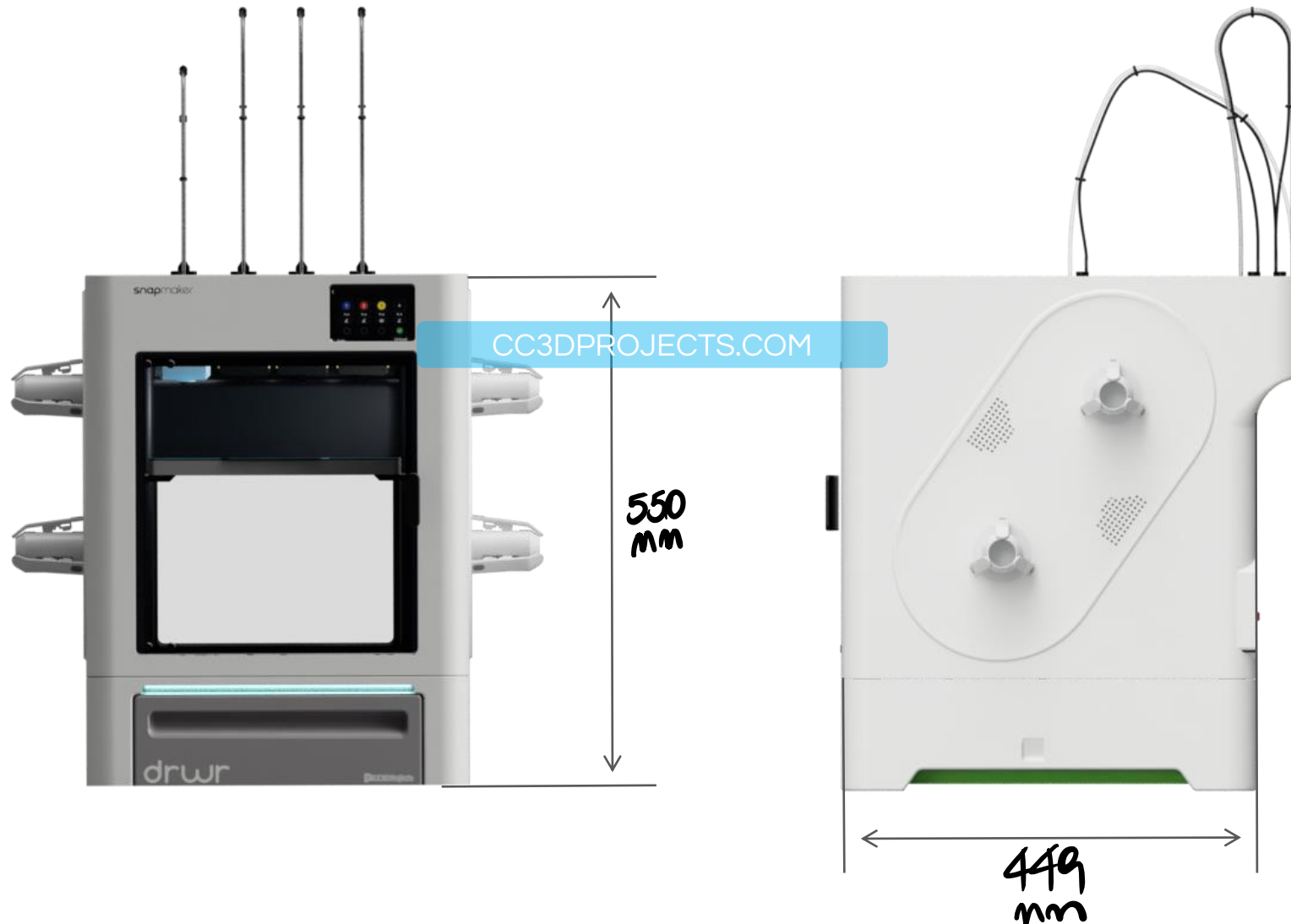
SOMETHING THAT'LL MAKE YOUR UI LOOK CLEANER, MORE
COMPLETE... AND WAY MORE SEXY.





KEY CHARACTERISTICS

SNAPMAKER U1 DRWR



B.O.M.

DRAWER BODY + STANDARD DRAWER

PETG	PETG	PETG	TRANSPARENT PETG
			
1,1 KG	20 G	700 G	15 G

PRINT TIME:
2D 4H 19M

REQUIRED HARDWARE:



SCREW M4 x 14mm 17 UNITS



MAGNET 8x2mm 8 UNITS

HEMISPHERICAL SILICONE
FEET 8x2mm 4 UNITS

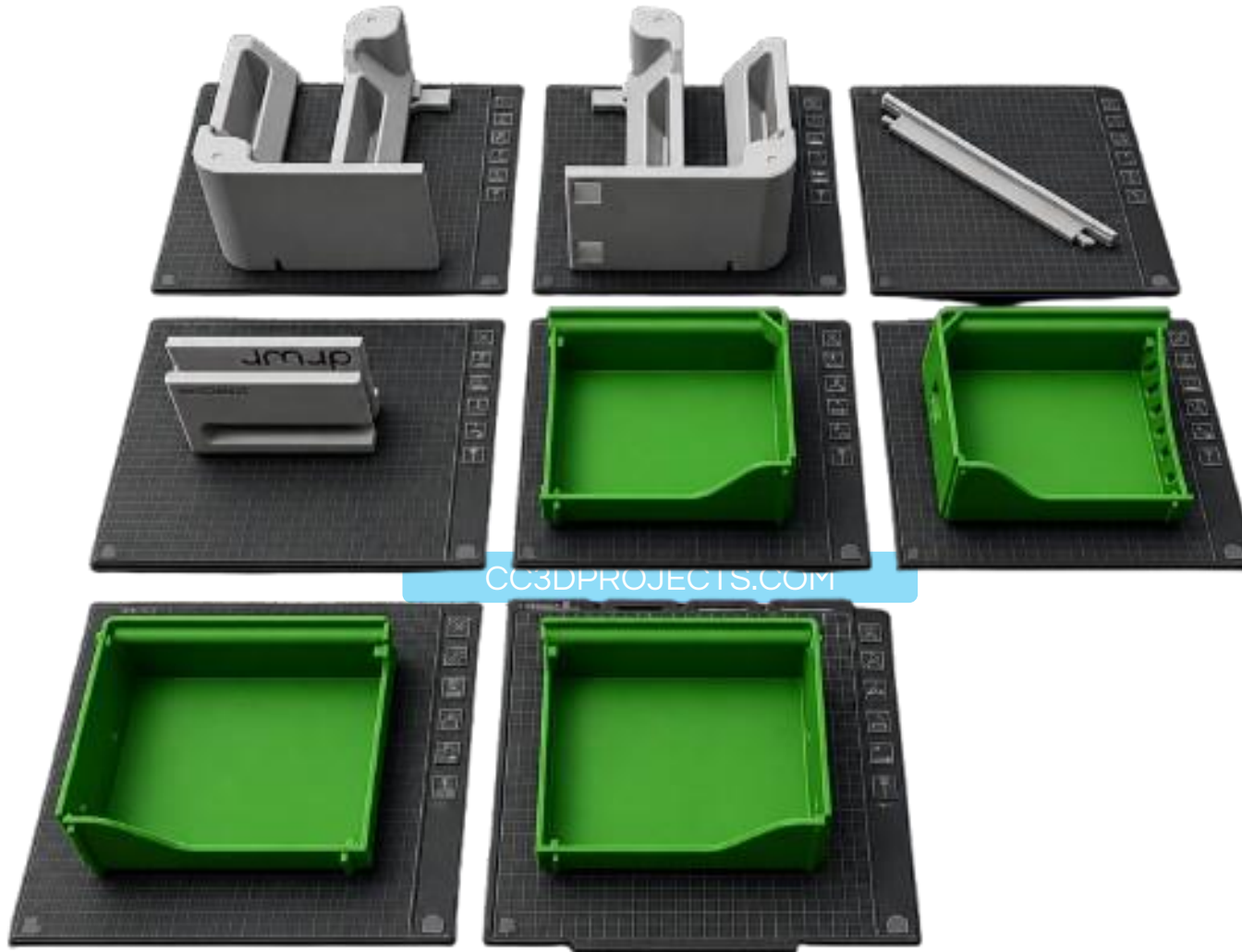
LED STRIP 1 UNITS



BUILD PLATES

SNAPMAKER V1 DRWR

THIS IS HOW THE PLATES LOOKS



FOLLOW THESE SIMPLE TIPS AND YOU'RE GOLDEN:

1. STICK WITH REGULAR PETG

USE STANDARD PETG AND SKIP THE HIGH FLOW (HF) STUFF. HF MIGHT SOUND COOL, BUT IT CAN'T HANDLE HEAT AS WELL, AND THAT CAN MESS WITH YOUR PRINT'S DURABILITY. YEAH, REGULAR PETG IS SHINIER — I GET IT — BUT HERE'S A TRICK: SPRAY IT WITH A MATTE CLEAR COAT LIKE I DID. BOOM! PROBLEM SOLVED.

2. DON'T USE PLA FOR SUPPORTS

IF YOU ARE USING A SINGLE NOZZLE PRINTER WITH A COLOR CHANGE SYSTEM, AVOID USING PLA AS SUPPORT MATERIAL. SERIOUSLY. EVEN IF YOU SWITCH FILAMENTS, LEFTOVER PLA IN THE NOZZLE CAN MESS WITH LAYER ADHESION, AND THAT'S NO FUN. AND DON'T STRESS — THE SUPPORTS COME OFF EASY, I PROMISE. YOU GOT THIS.

3. KEEP IT SLOW AND STEADY

RESIST THE URGE TO CRANK UP THE PRINT SPEED. GOING TOO FAST CAN LEAD TO WEIRD-LOOKING CORNERS AND WARPED PARTS. STICK TO STANDARD SPEED — YOUR PRINT WILL THANK YOU.

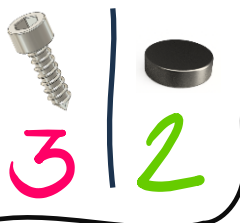
4. USE A GRIPPY PRINT BED

THESE PARTS ARE ON THE BIGGER SIDE, SO BED ADHESION IS EVERYTHING. MAKE SURE YOUR BUILD PLATE'S GOT A GOOD GRIP TO AVOID WARPING OR LIFTING. TRUST ME, A SOLID FIRST LAYER MAKES ALL THE DIFFERENCE.

SLICER PRINT SETTINGS:

- 2 WALLS & 2 BOTTOMS & 2 TOPS
- INFILL: WALLS 9% - HINGES 20% - LED BAR 10%
- SUPPORTS: NORMAL (MANUAL) SNUG



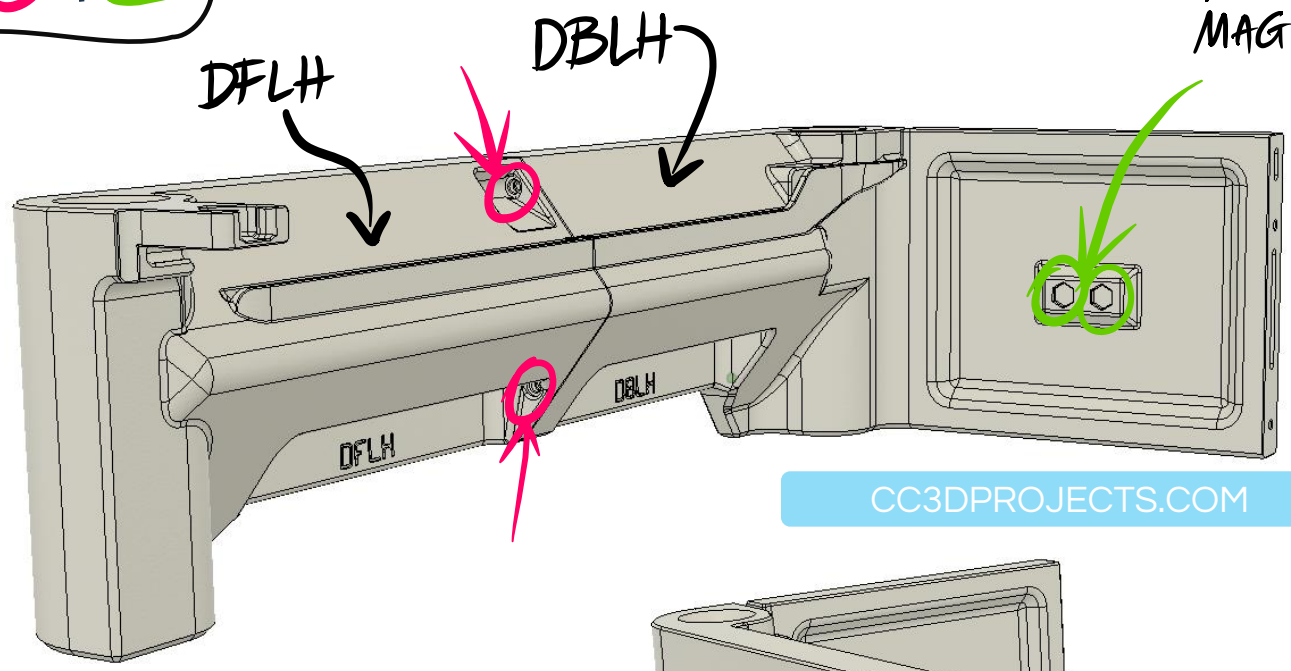


DRAWER ASSEMBLY

SNAPMAKER V1 DRWR

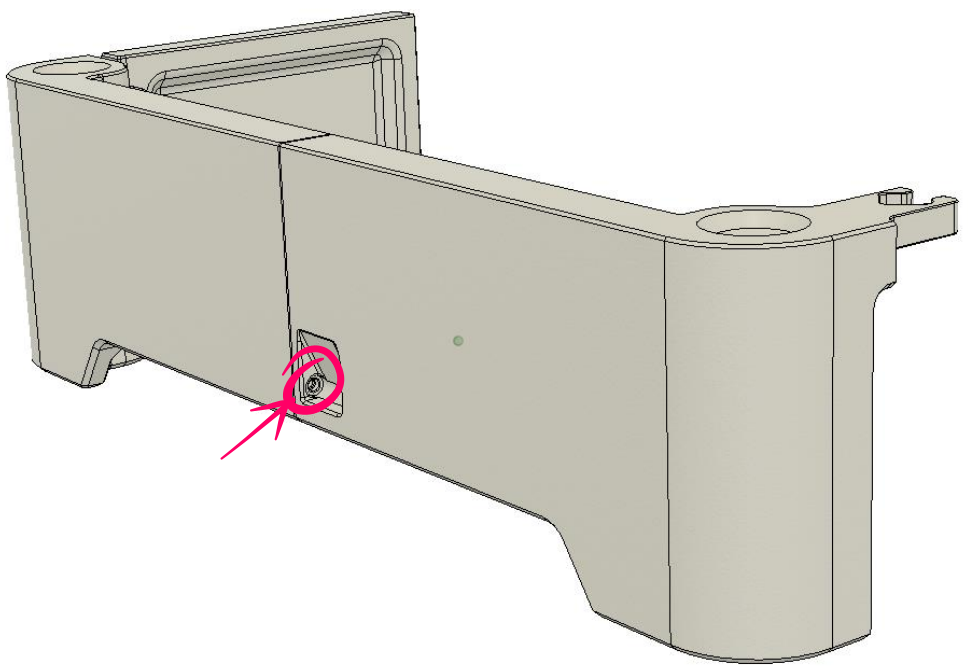


TO INSTALL THOSE MAGNETS USE THE MAGNET INSTALLER "A".

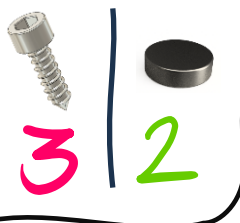


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INSERT THE SCREWS INTO THE HIGHLIGHTED HOLES AND SECURELY JOIN THE PARTS.

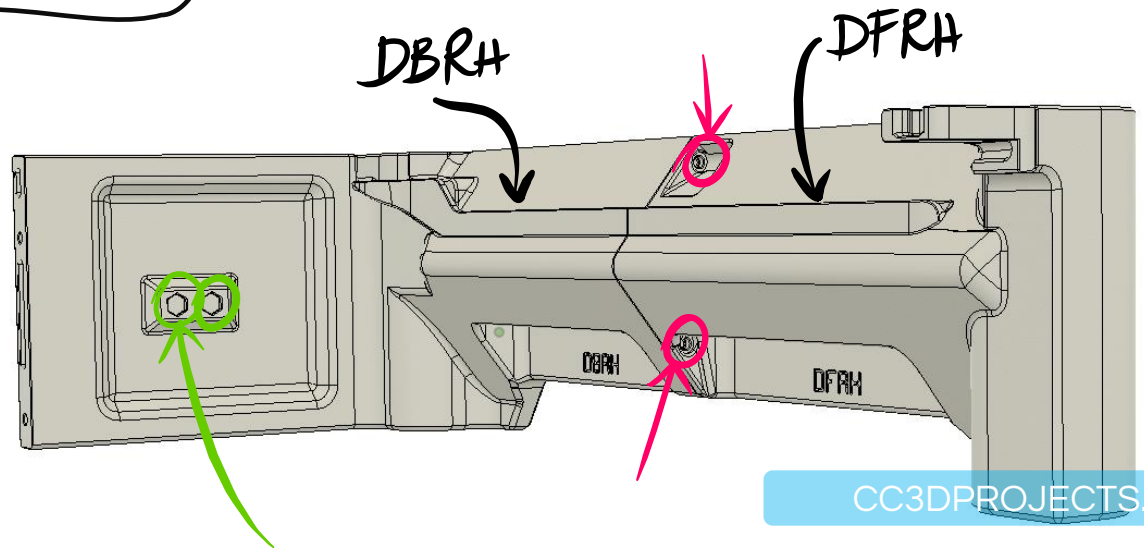


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DRAWER ASSEMBLY

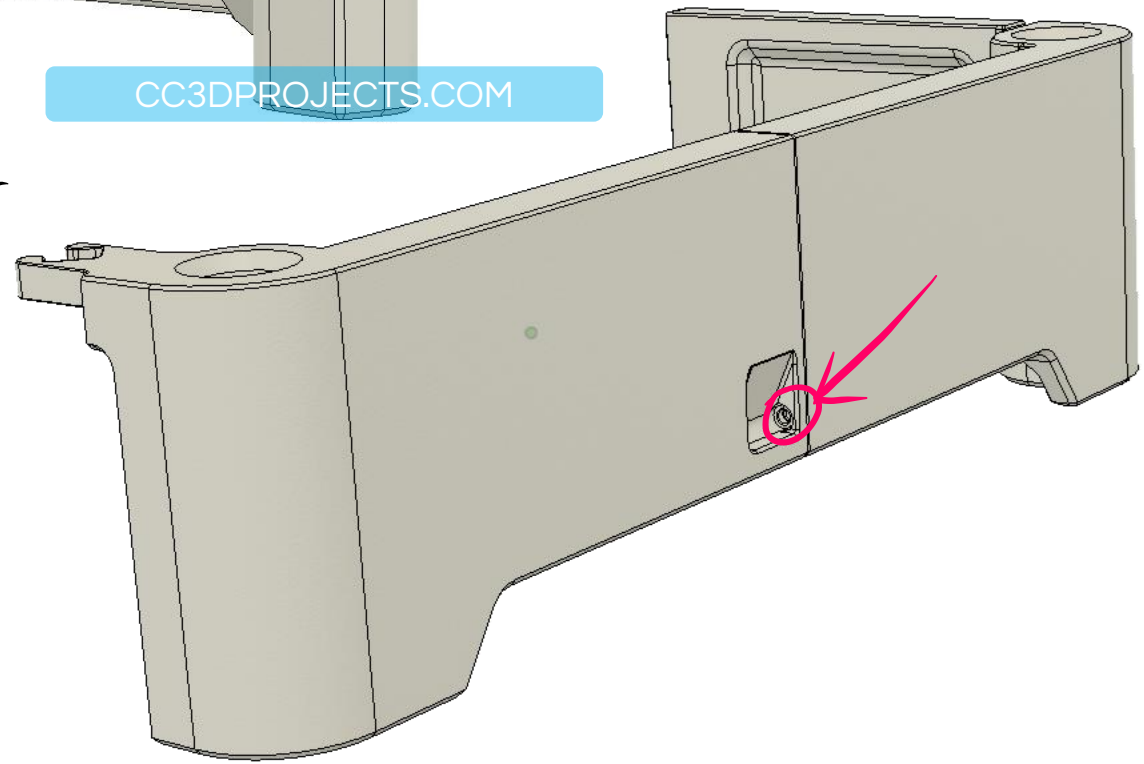
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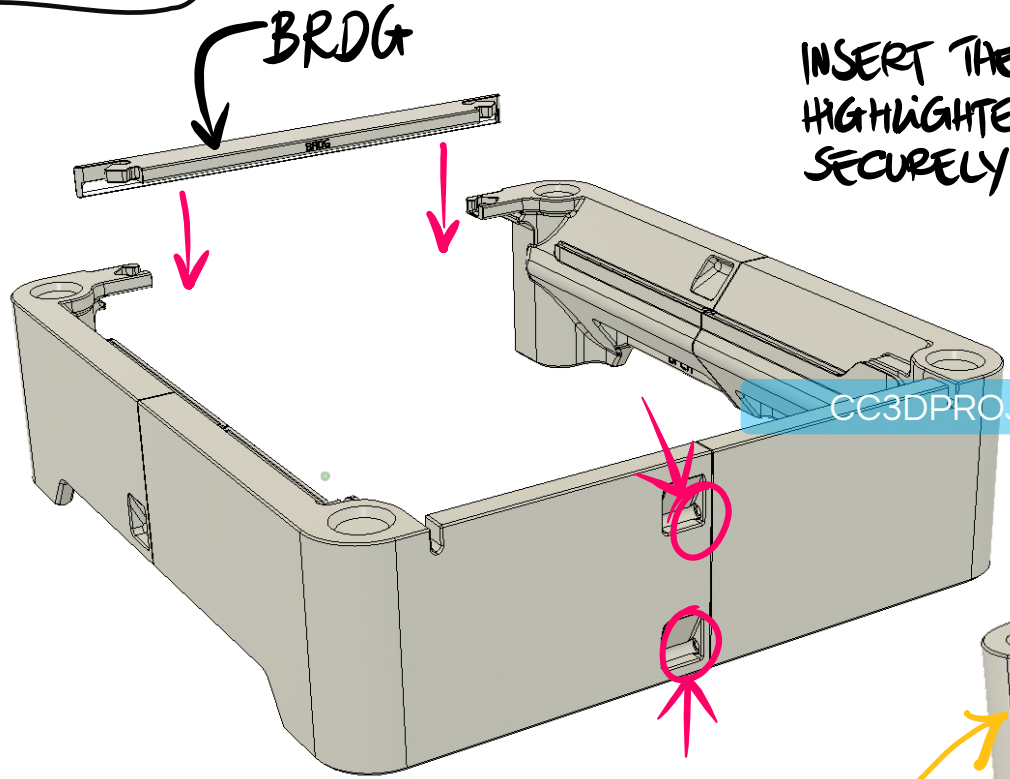
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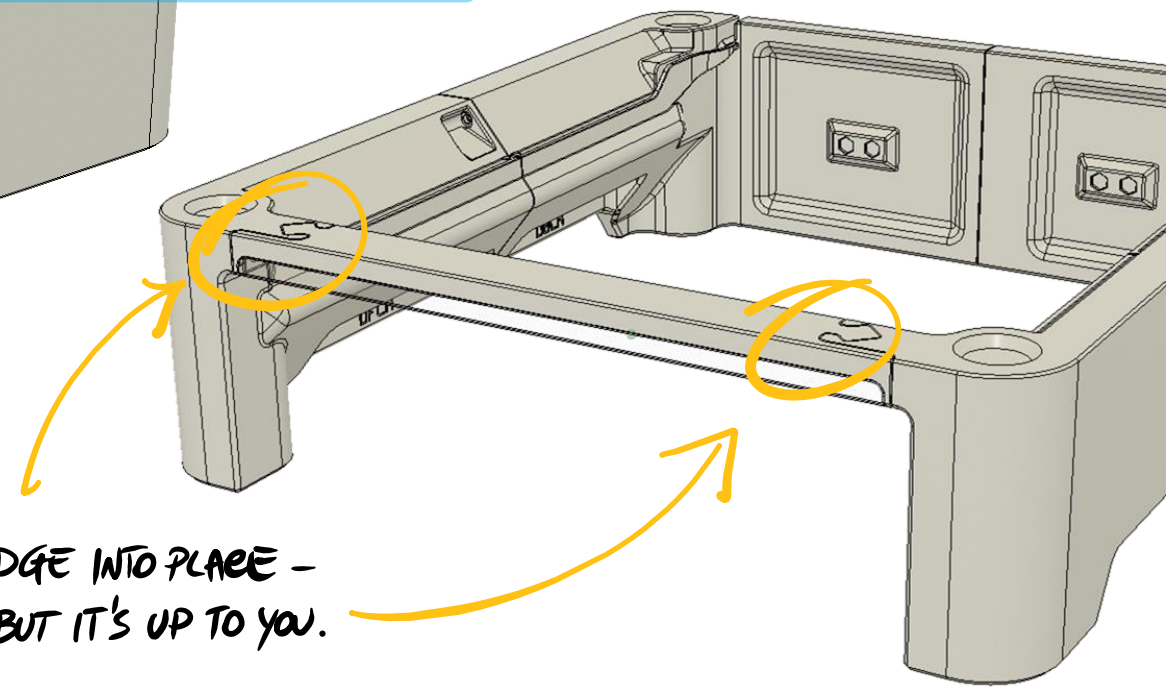
DRAWER ASSEMBLY

SNAPMAKER V1 DRAWR



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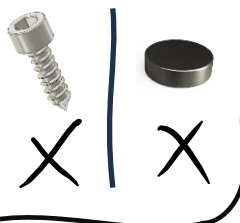
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SNAP THE CENTER BRIDGE INTO PLACE - SHOULDN'T NEED GLUE, BUT IT'S UP TO YOU.



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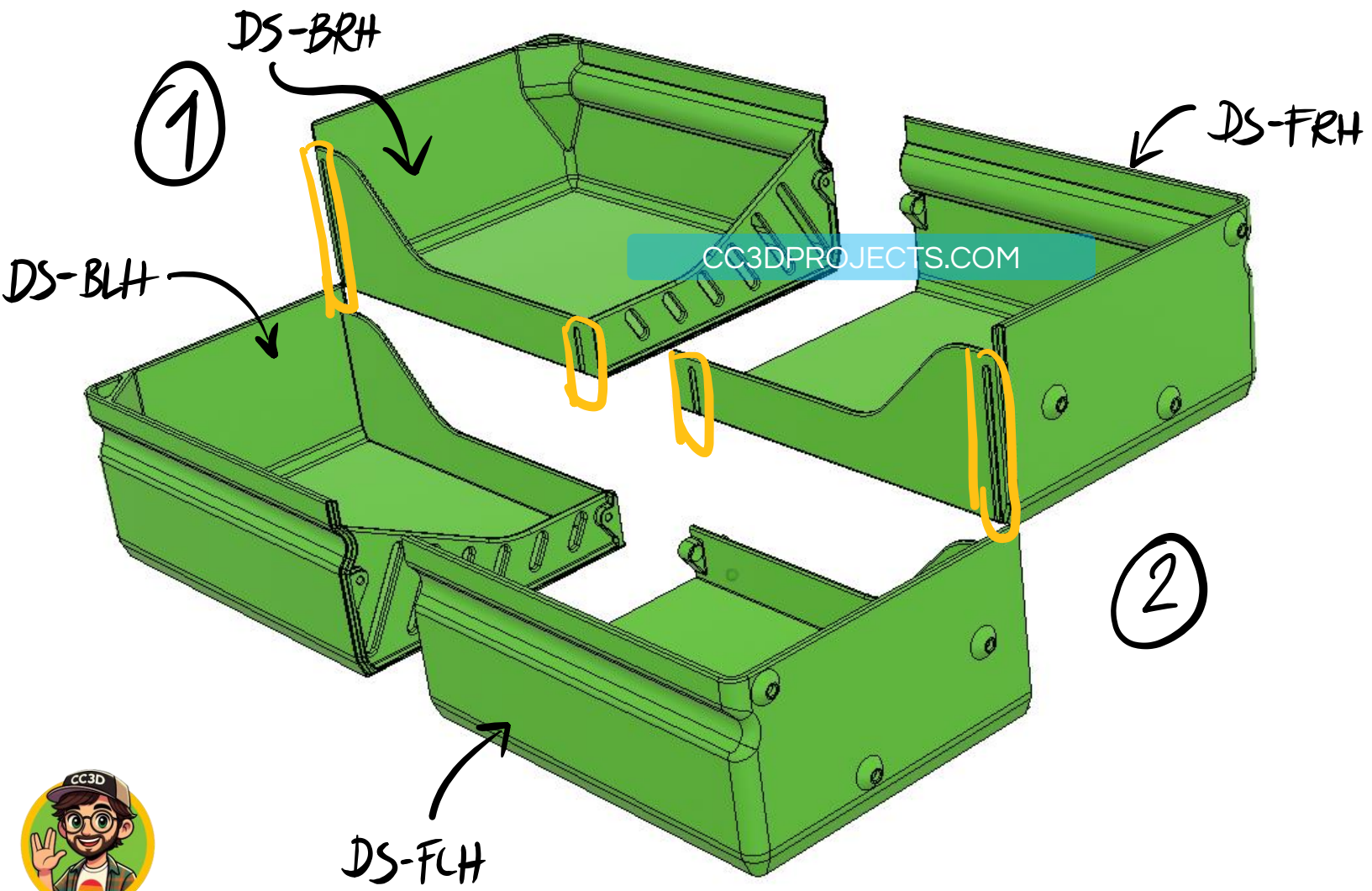


DRAWER ASSEMBLY

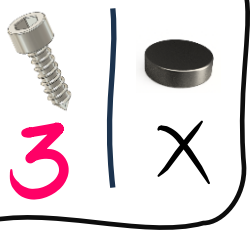
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NOW LET'S BUILD THE STANDARD DRAWER - THE SAME STEPS APPLY TO THE GRIDFINITY ONE. SNAP IT TOGETHER USING THE SLOTS AND PINS HIGHLIGHTED, STARTING WITH THE BACK SIDE (LABELED "B"), THEN THE FRONT (LABELED "F").



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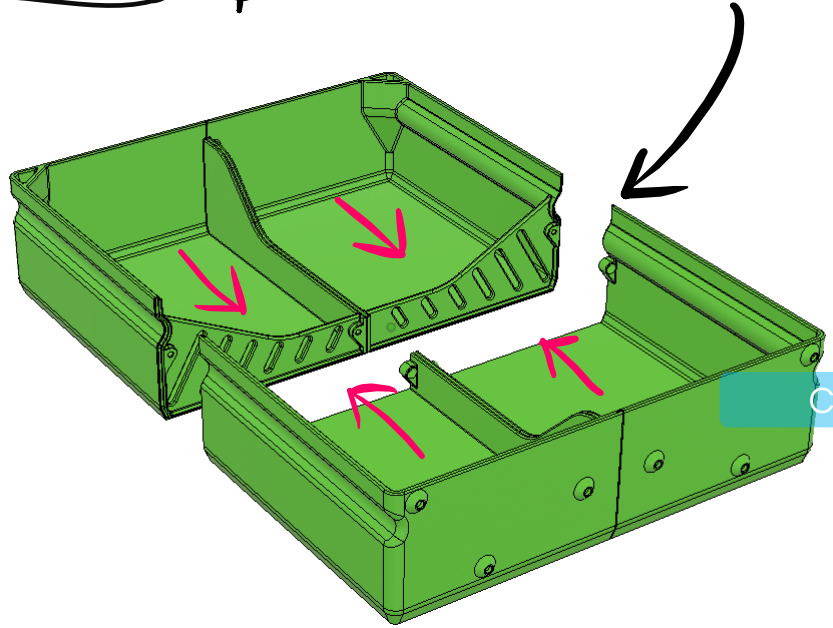


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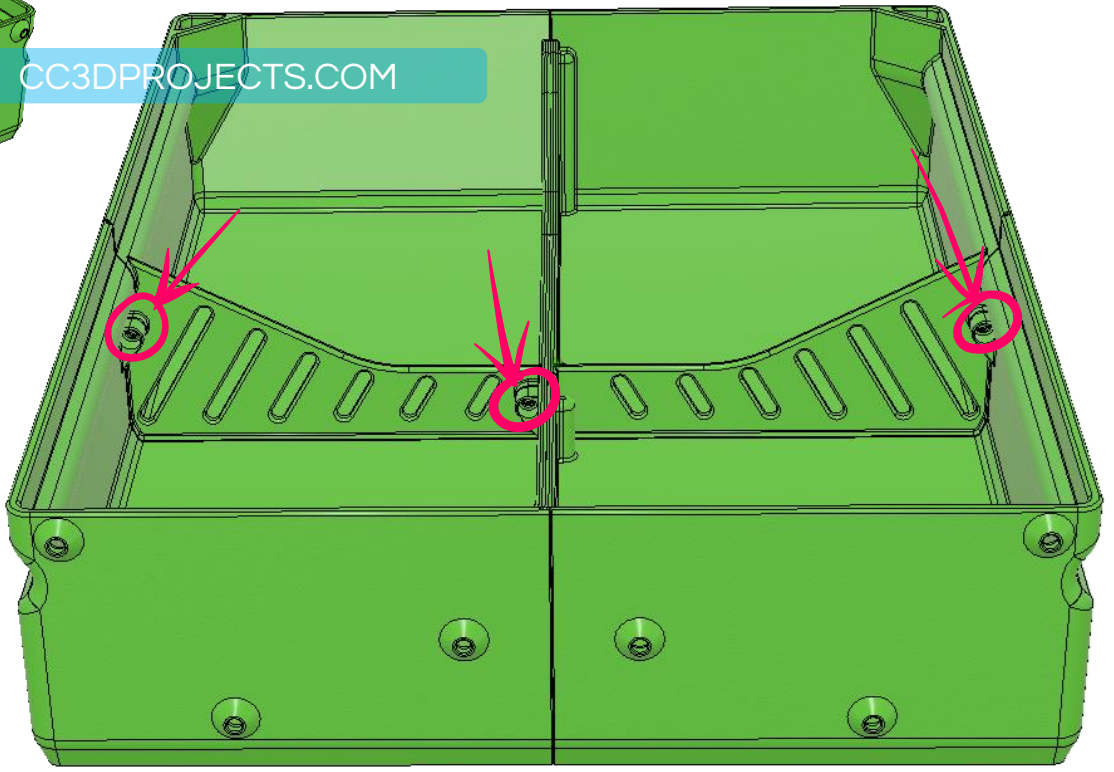
SNAPMAKER V1 DRAWER



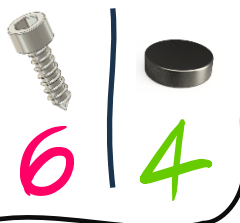
BRING THE TWO PART TOGETHER!



INSERT THE SCREWS INTO THE HIGHLIGHTED HOLES AND SECURELY JOIN THE PARTS.

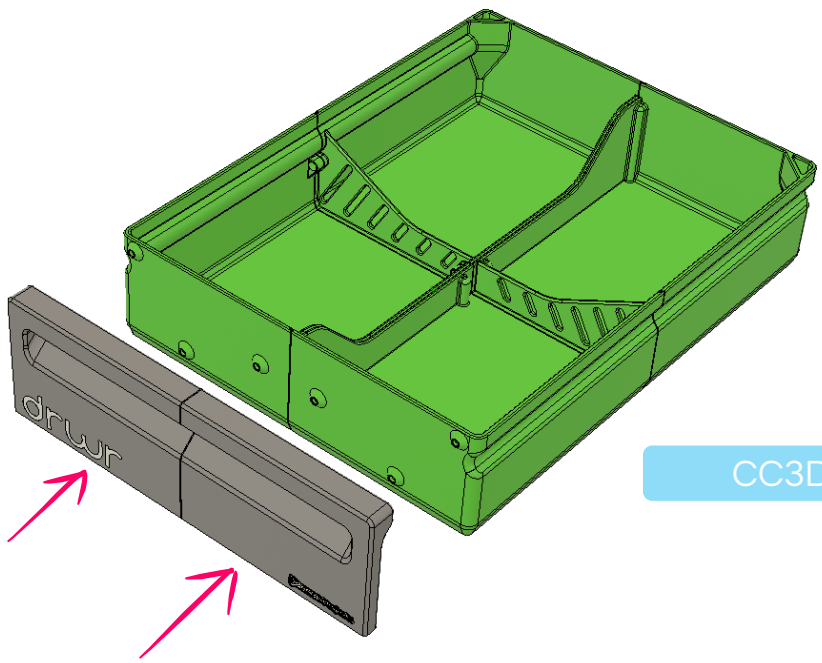


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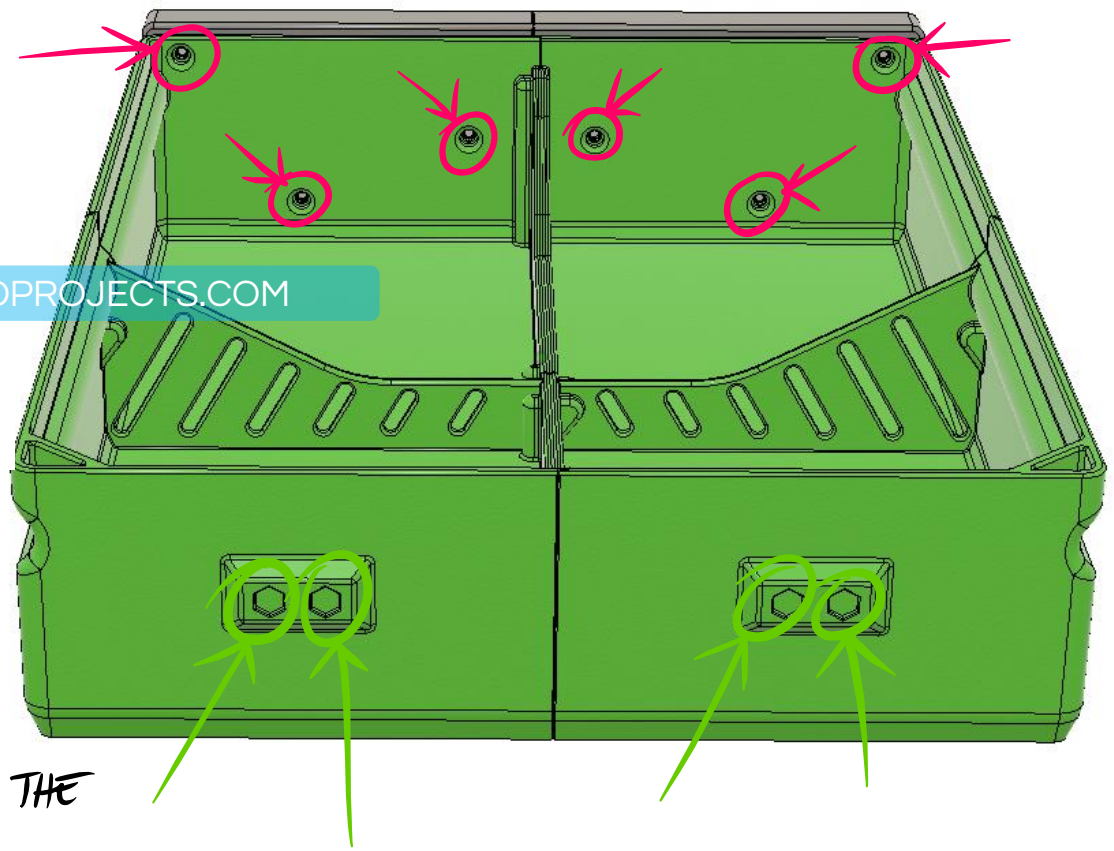


DRAWER ASSEMBLY

SNAPMAKER U1 DRWR



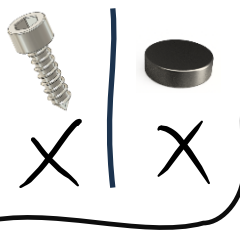
INSERT THE SCREWS INTO THE HIGHLIGHTED HOLES AND SECURELY JOIN THE PARTS.



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TO INSTALL THOSE MAGNETS USE THE MAGNET INSTALLER "B".





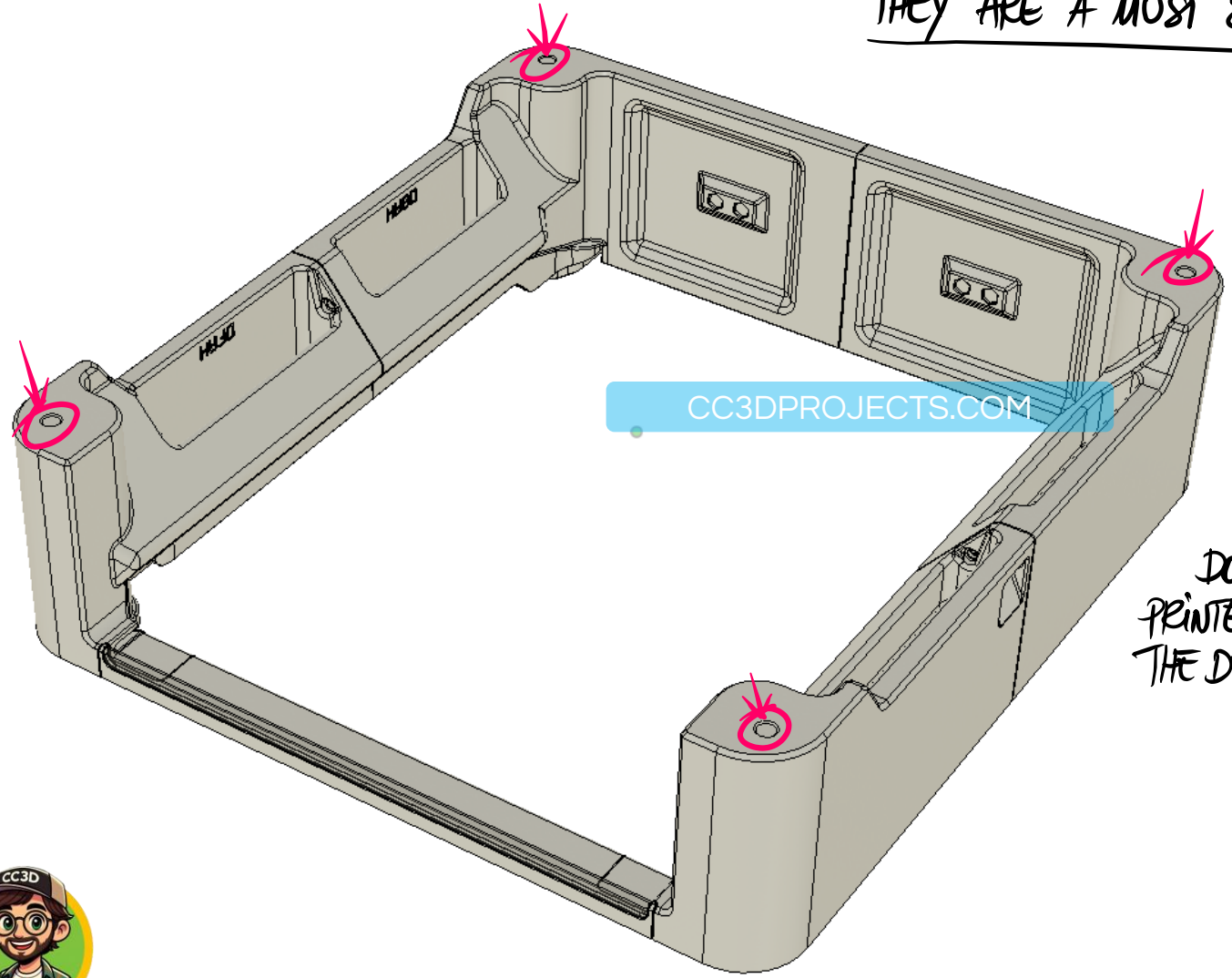
DRAWER ASSEMBLY

SNAPMAKER V1 DRAWER



UNDER THE DRAWER LEGS YOU'LL FIND SMALL RECESSES - STICK THE SILICONE FEET FROM THE BOX IN THERE TO KEEP IT FROM SLIDING ON THE SURFACE.

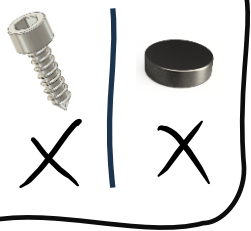
THEY ARE A MUST SERIOUSLY!



DON'T COME BACK SAYING YOUR PRINTER IS SLIDING ALL OVER AND THE DESIGN SUCK BECAUSE OF IT!
LOL



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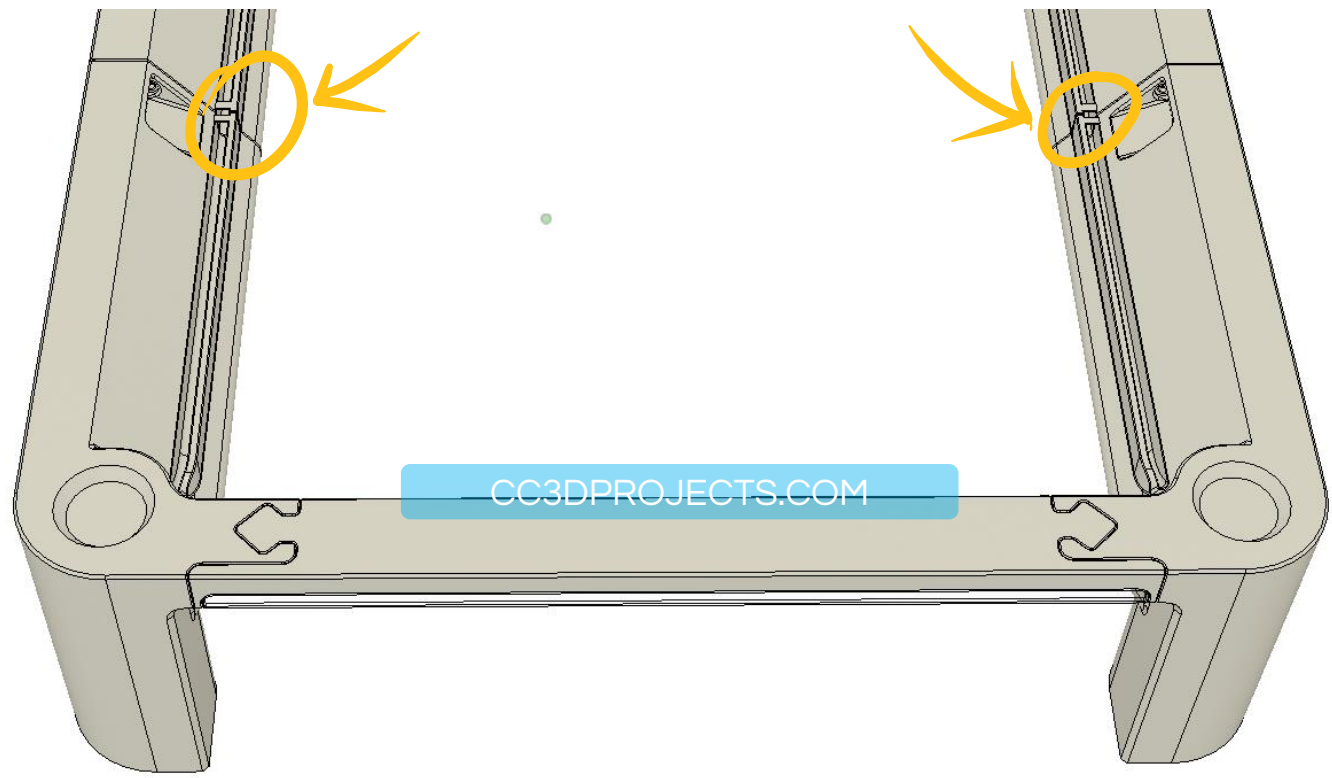
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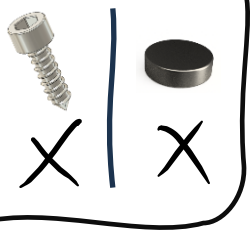


BEFORE INSTALLING THE LED STRIP, YOU'LL NEED TO SNIP OFF A COUPLE OF LITTLE SUPPORTS - THEY'RE JUST THERE TO HELP WITH PRINTING AND AREN'T NEEDED ANYMORE.

I HIGHLIGHTED THEM IN ORANGE. GO AHEAD, CUT THEM ALL OFF!



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DRAWER ASSEMBLY

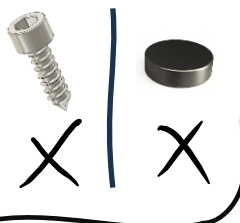
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YOU MIGHT BE WONDERING WHICH LED STRIP I USE AND HOW I CONTROL THEM. BELOW ARE FEW EXAMPLE OF PRODUCTS - I PICKED THESE CAUSE THEY ALREADY HAVE BUILD-IN WIFI CONTROL WITH THE MAIN ASSISTANT, SO I CAN INTEGRATE THEM INTO MY SMART HOME SETUP. I'M LAZY I KNOW! LOL BUT I'M SURE YOU CAN DO IT BETTER!!



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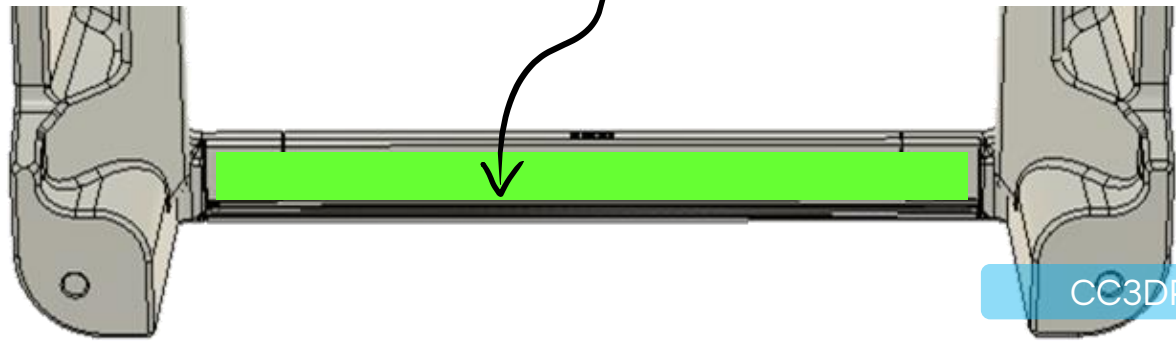


DRAWER ASSEMBLY

SNAPMAKER V1 DRAWER

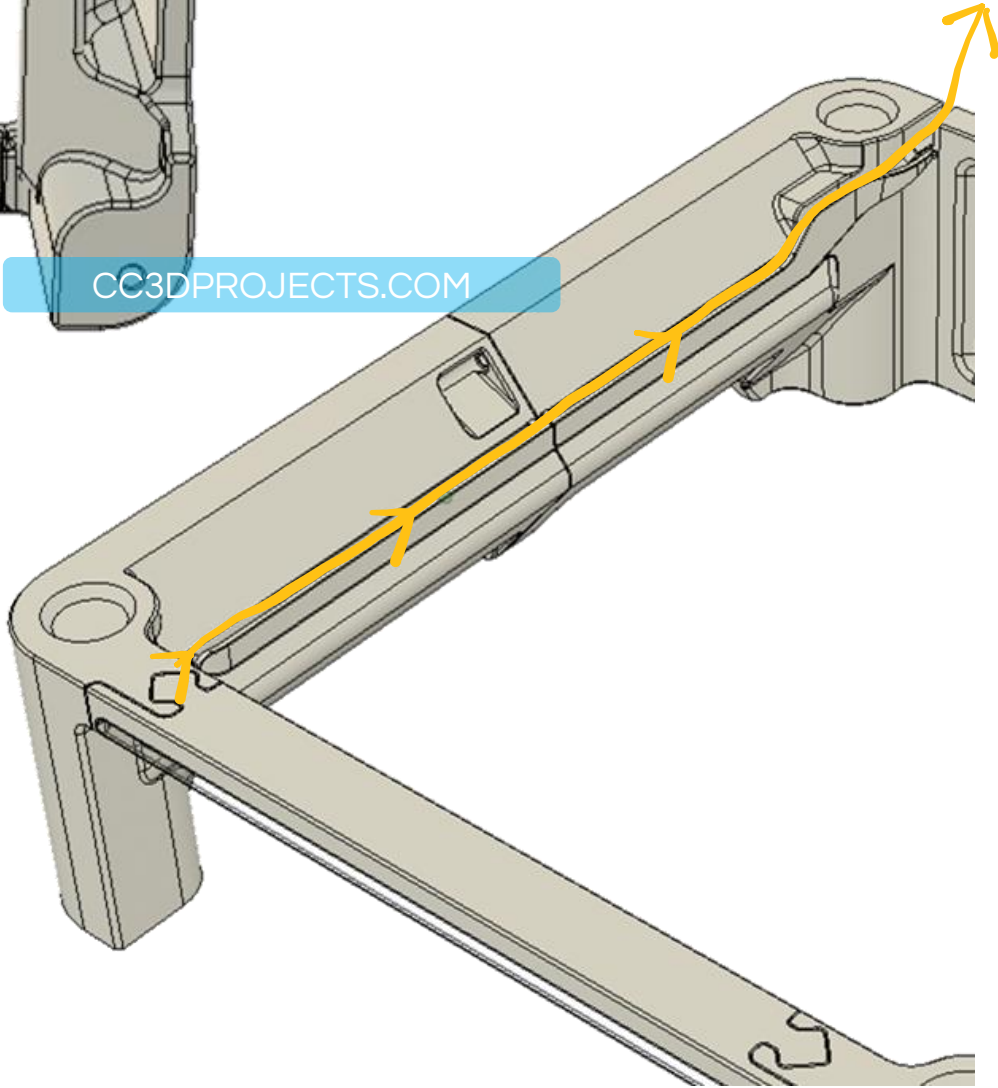


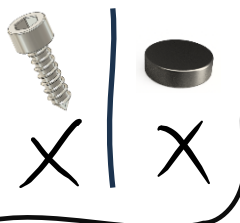
STICK THE LED STRIP UNDER THE BRIDGE



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THEN USE WHICHEVER CABLE CHANNELS YOU PREFER ON EITHER SIDE TO ROUTE THE POWER CABLE OUT OF THE BACK



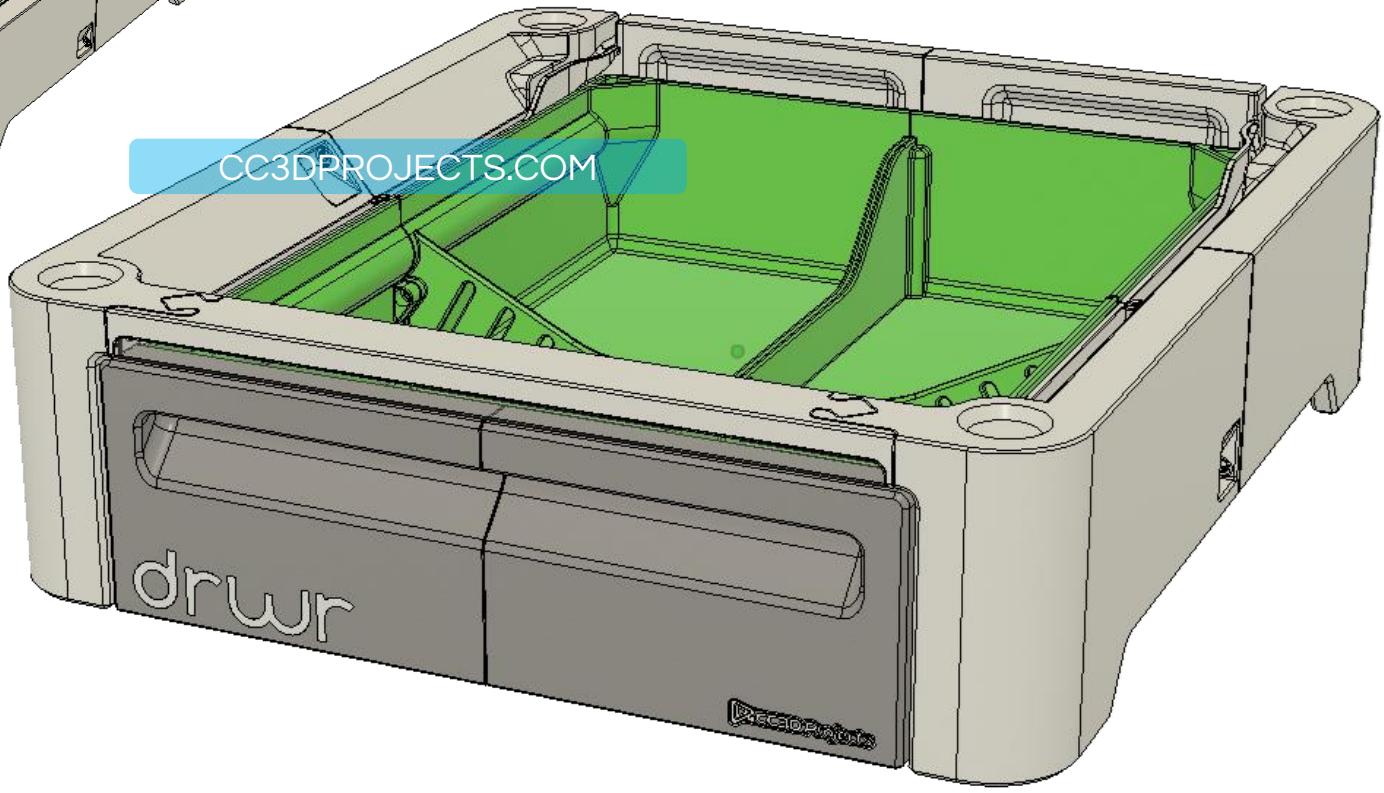
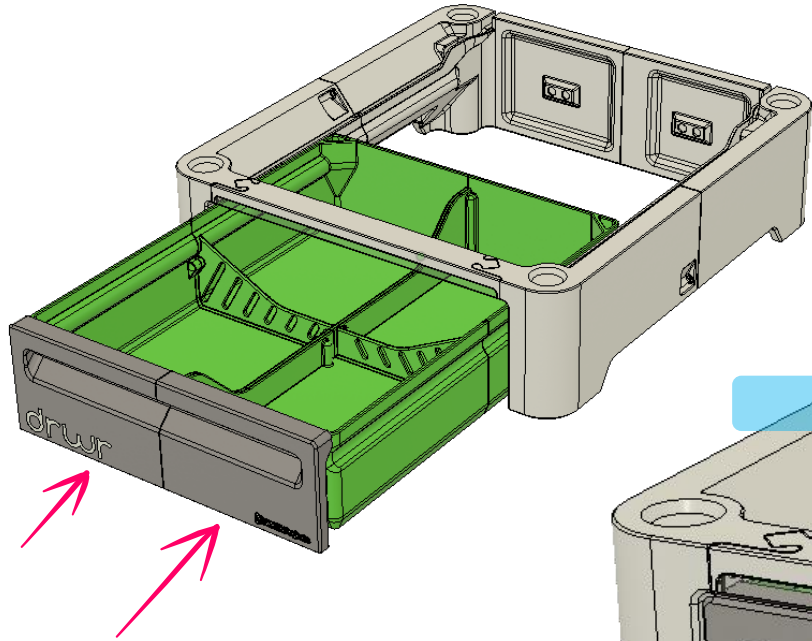


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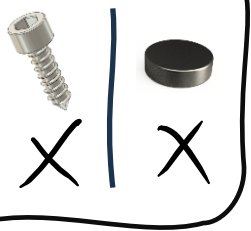
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FINAL STEP: SLIDE IN THE DRAWER AND VOILA! - YOU ARE DONE!



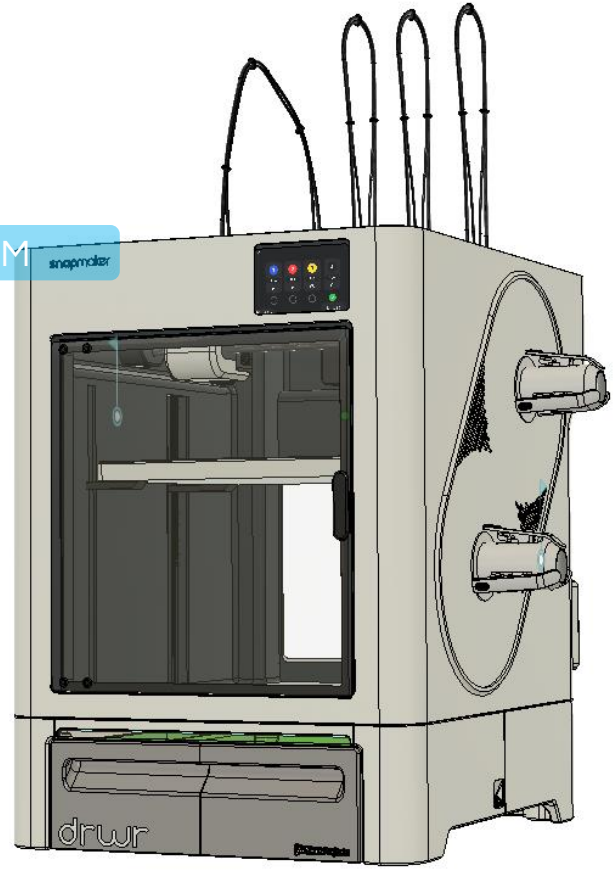
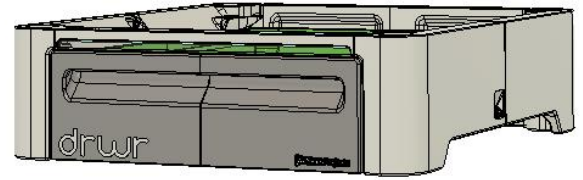
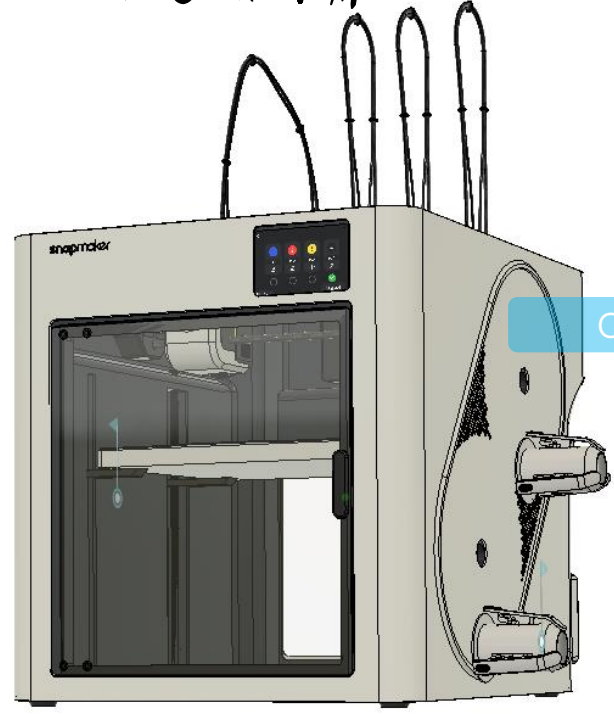
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DRAWER INSTALLATION

SNAPMAKER U1 DRYBOX

TIME TO PAIR IT UP WITH THE AWESOME SNAPMAKER U1!



JUST SET IT ON TOP OF THE DRAWER, BUT HEADS UP, THAT THING'S HEAVY, SO GRAB A BUDDY TO HELP. OTHERWISE YOU MIGHT WRECK YOUR BACK ... OR THE DRAWER. AND I'M ROOTING FOR BOTH OF YOU TO SURVIVE THIS OPERATION! LOL



ALRIGHT, LOOK LIKE YOU MADE IT TO THE END!
BUT, IF YOUR RESULT DOESN'T LOOKS KINDA LIKE THIS...
... MY FRIEND ...

WHAT ARE YOU DOING WITH YOUR LIFE? 😊
SERIOUSLY THOUGH...

JUST HIT ME UP, WE'LL FIGURE OUT
WHAT WENT WRONG!!

BUT

IF YOU ARE PROUD OF WHAT YOU BUILD
(AND YOU SHOULD BE) ...

... WELL ...

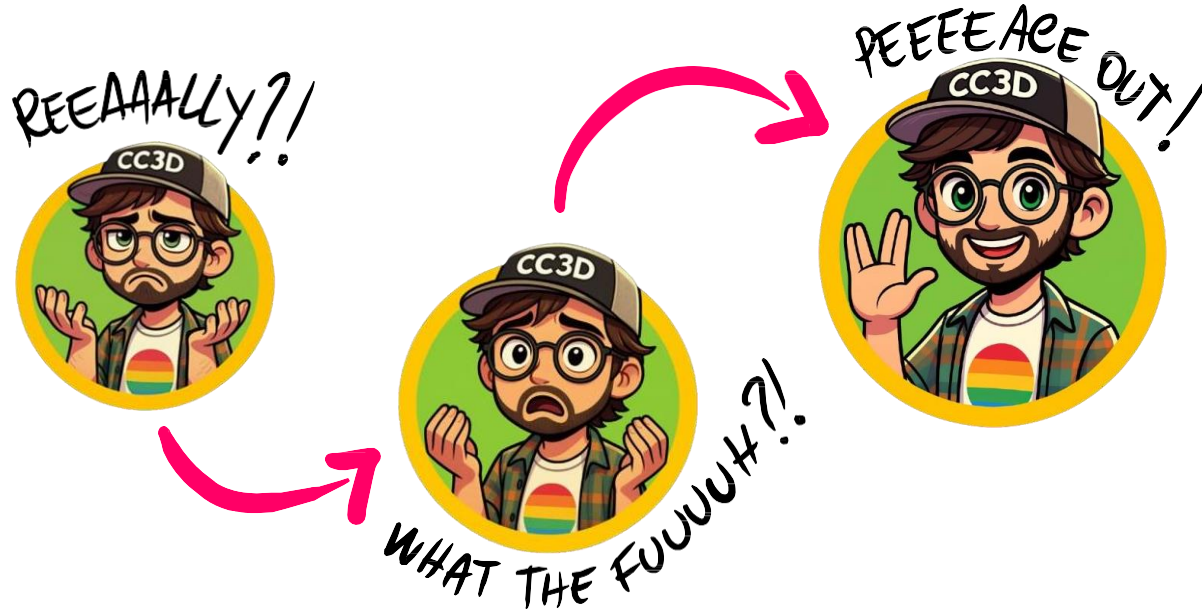
... HOW ABOUT SNAPPING A COUPLE
OF PICS AND TOSSING THEM ONLINE?

MAYBE TAGGING ME?

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THANKS
Enio





THANKS FOR STICKING WITH ME THROUGH THIS ASSEMBLY GUIDE
IT TOOK ME HOURS TO PUT THIS GUIDE TOGETHER, I TRULY HOPE YOU LIKE IT!
IF THERE'S ANYTHING I CAN DO BETTER, PLEASE LET ME KNOW!
I'M ALWAYS HERE TO HELP AND IMPROVE MY WORK AND MY MODELS!

CIAO
Enrico





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