

QUDI MAX 4 DRAWER

QIDI MAX4 Drawer

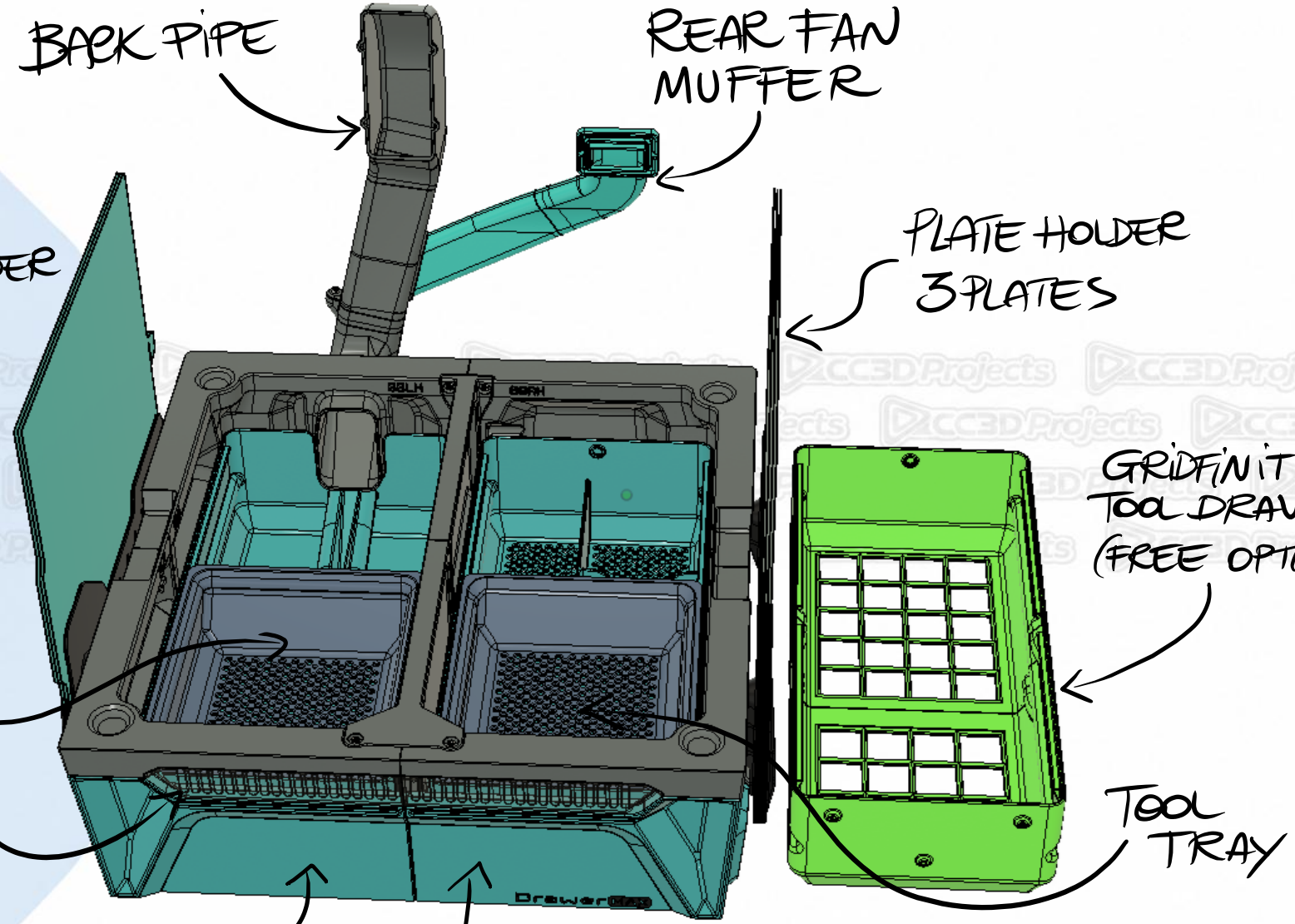
Build your QIDI MAX4 Drawer from start to finish with step-by-step assembly and installation instructions. Use this guide alongside the bill of materials (BOM) to prepare the required hardware, assemble the printed parts, and install the system on your printer.

- Dual front drawers for tools and filament waste
- Removable tool trays for easy organization
- Side holders for build plates
- Five front designs to customize your setup
- Optional LED lighting for the front and drawer interior
- Rear fan muffler designed to help reduce noise
- Optional Gridfinity-compatible tool drawer, available separately as a free download

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KEY FEATURES

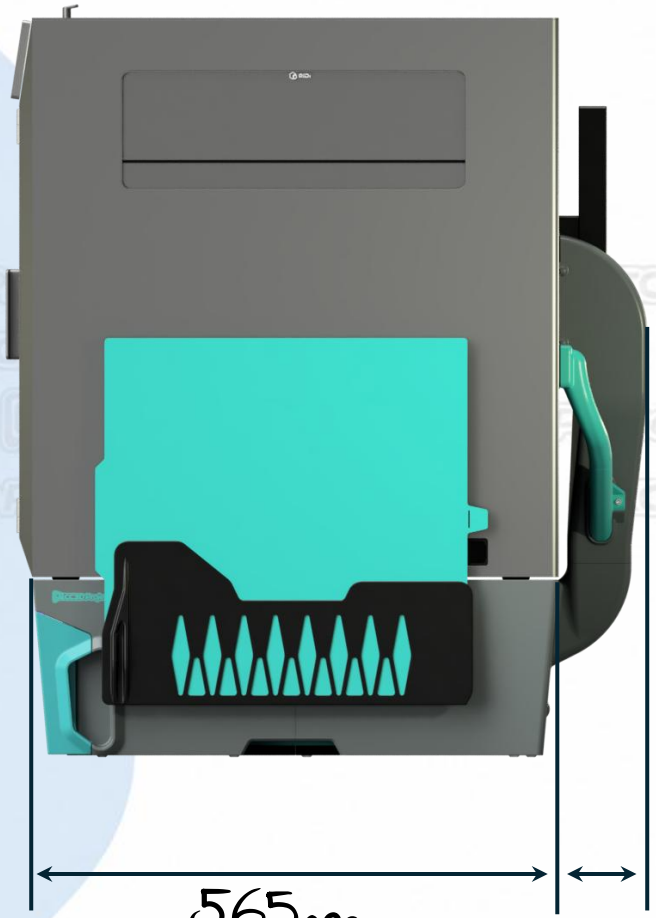
QUDI MAX 4 - DRAWER

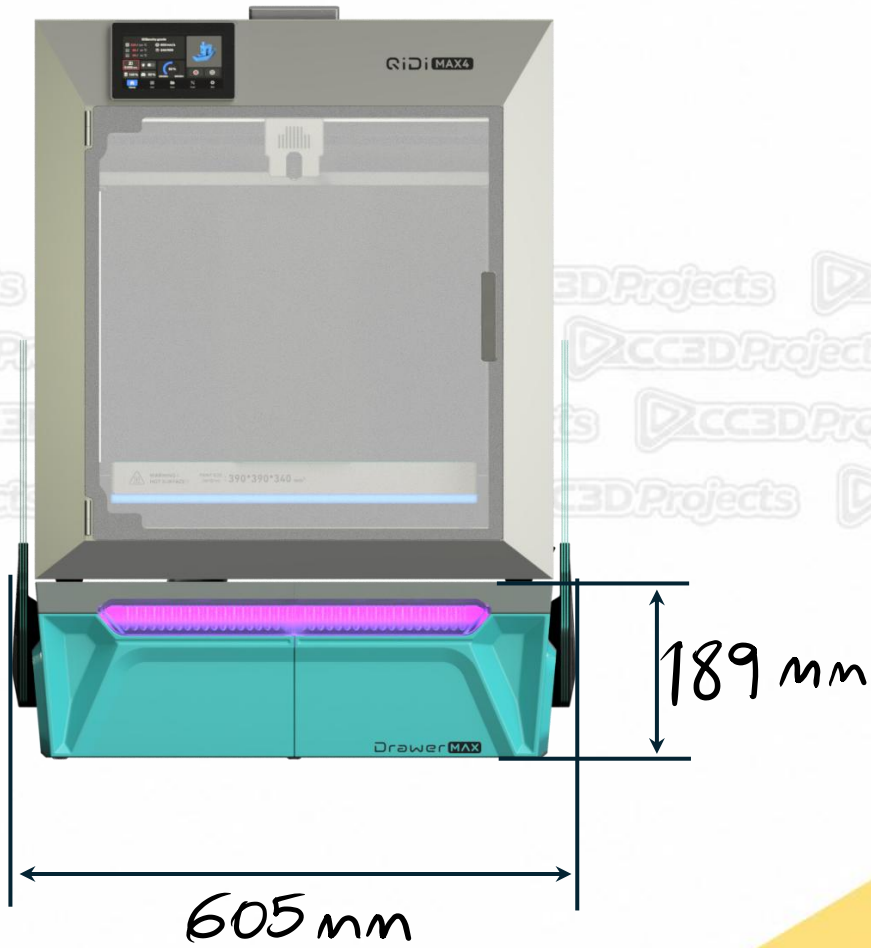


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KEY FEATURES

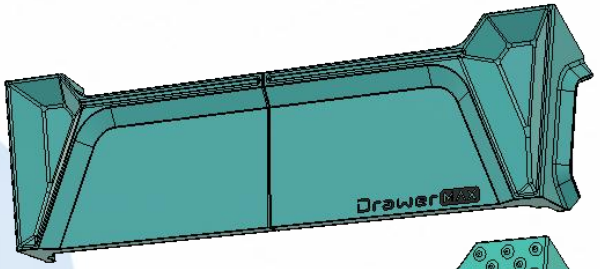
QUDI MAX 4 - DRAWER



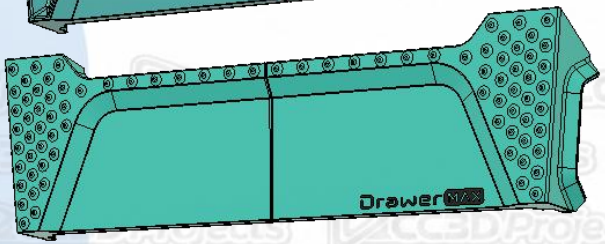


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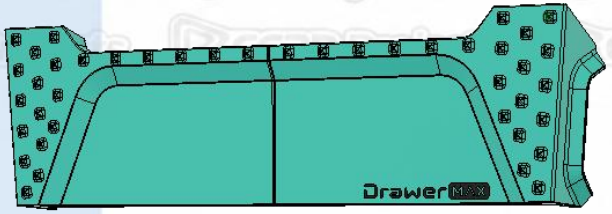
YOU'LL HAVE SEVERAL DRAWER FRONT OPTIONS AVAILABLE



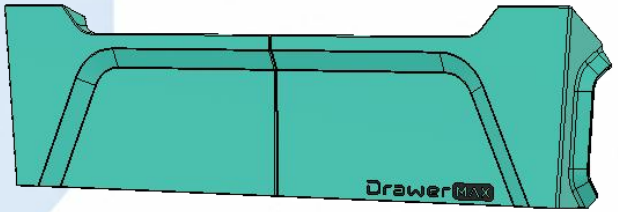
CONVEX FRONT



SFERICAL DIMPLED FRONT



PYRAMID-TEXTURED FRONT



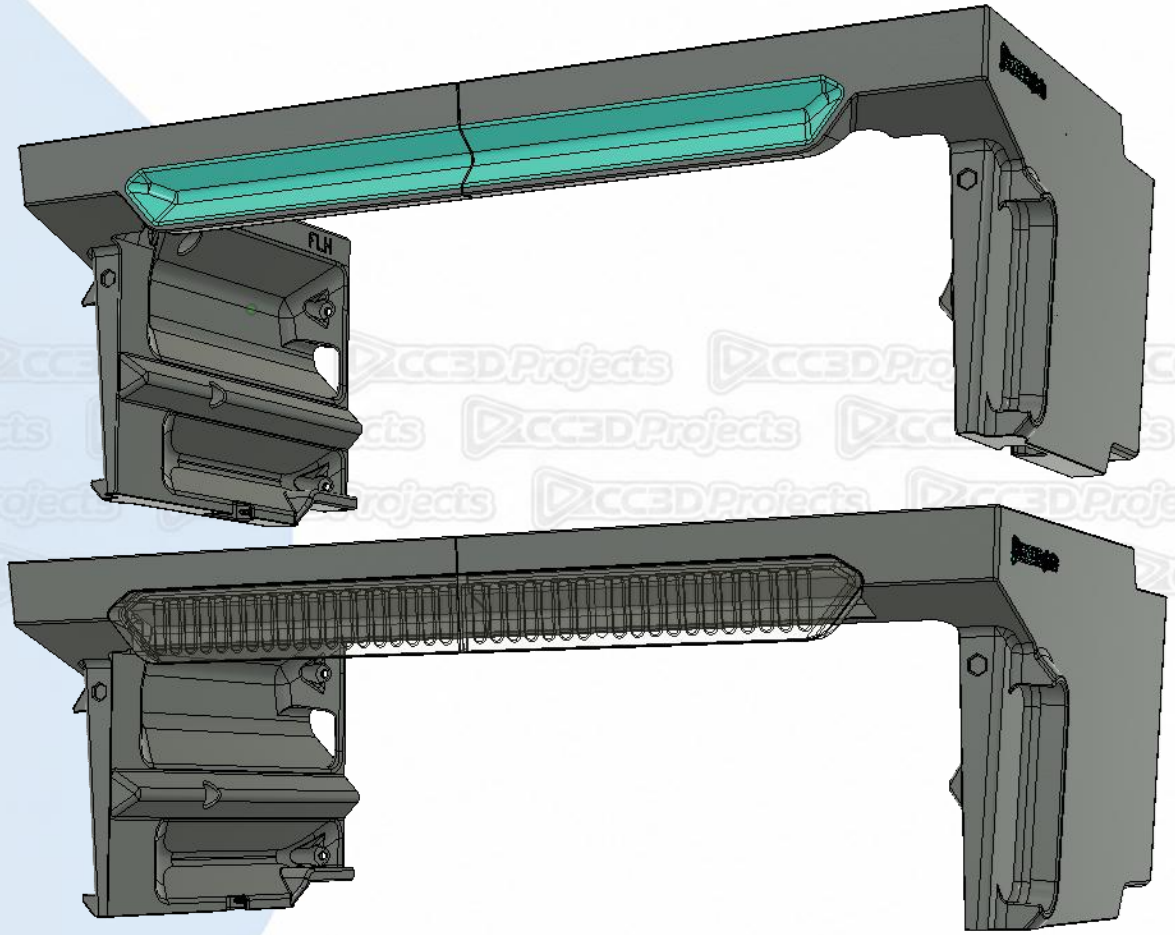
SMOOTH FRONT

INCLUDED IN THE MAIN DRAWER FILE



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YOU'LL HAVE TWO CENTER BRIDGE OPTIONS:



SOLID FRONT
NO LED WINDOW

TRANSPARENT FRONT
INCLUDED IN THE
MAIN DRAWER FILE

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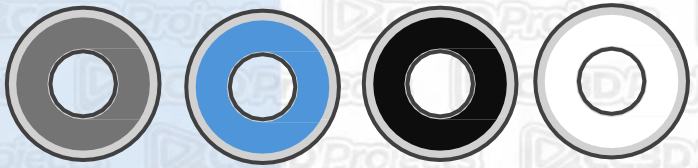
THIS IS HOW THE PLATES ARE ARRANGED



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B.O.M.

FILAMENT REQUIRED FOR MY CONFIGURATION:



PRINT TIME:

5D 22H 6M

REQUIRED HARDWARE:



SCREW M4 x 14mm 28 UNITS

(YOU CAN USE THE STANDARD SCREWS LISTED ON MY WEBSITE, OR ANY OTHER M4 x 14mm SCREWS WITH A HEAD DIAMETER NO LARGER THAN 12 mm. THIS SHOULD MAKE THEM EASIER TO FIND!)



MAGNET 8x2 mm 19 UNITS

SELF-ADHESIVE HEMISPHERICAL SILICONE FEET 10x3mm 9 UNIT

(VISIT THIS PAGE FOR LINKS TO THE REQUIRED HARDWARE
https://www.cc3dprojects.com/manuals-hardwares)



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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.

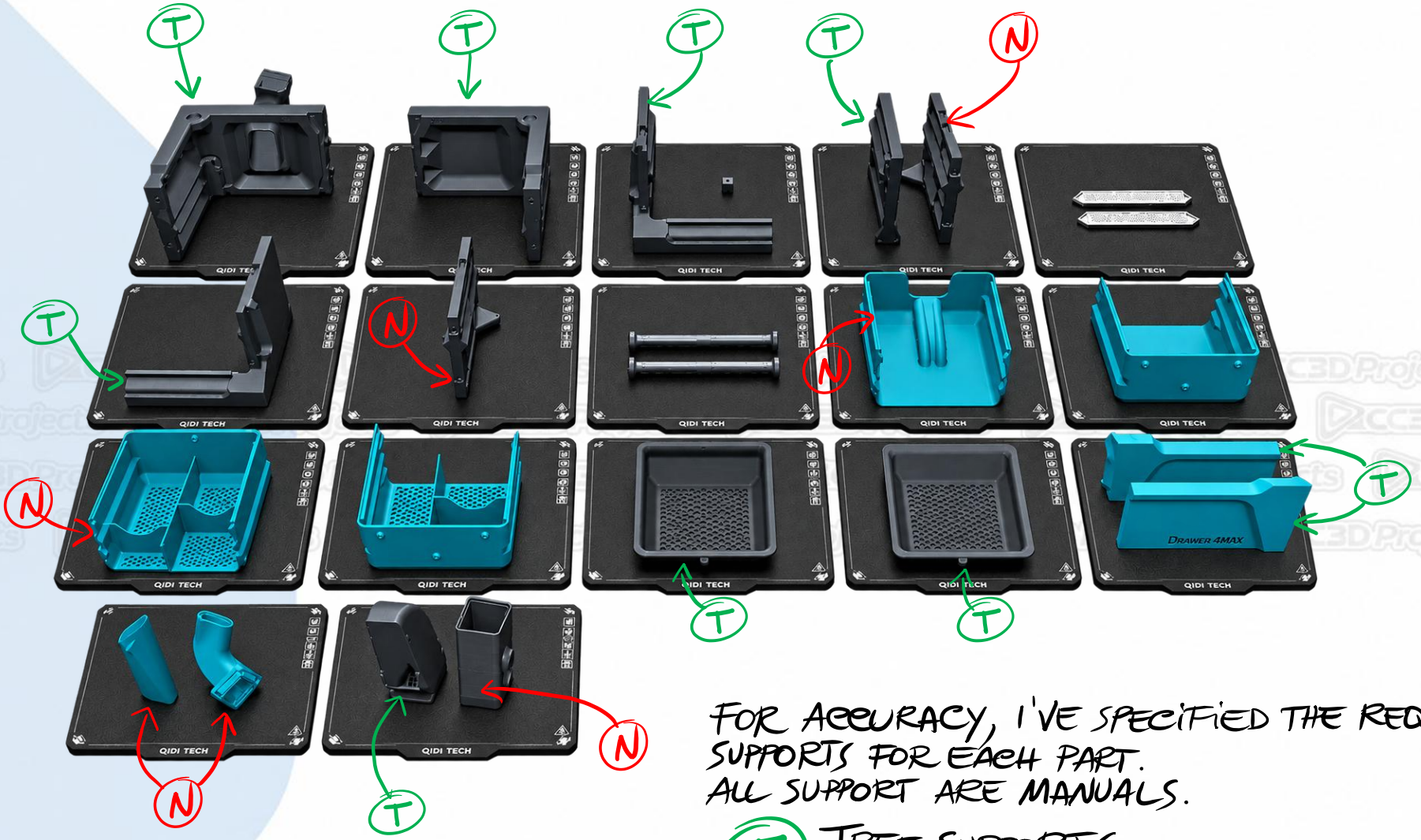
SLICER SETTINGS:

2 WALLS - 2 TOP LAYERS - 2 BOTTOM LAYERS

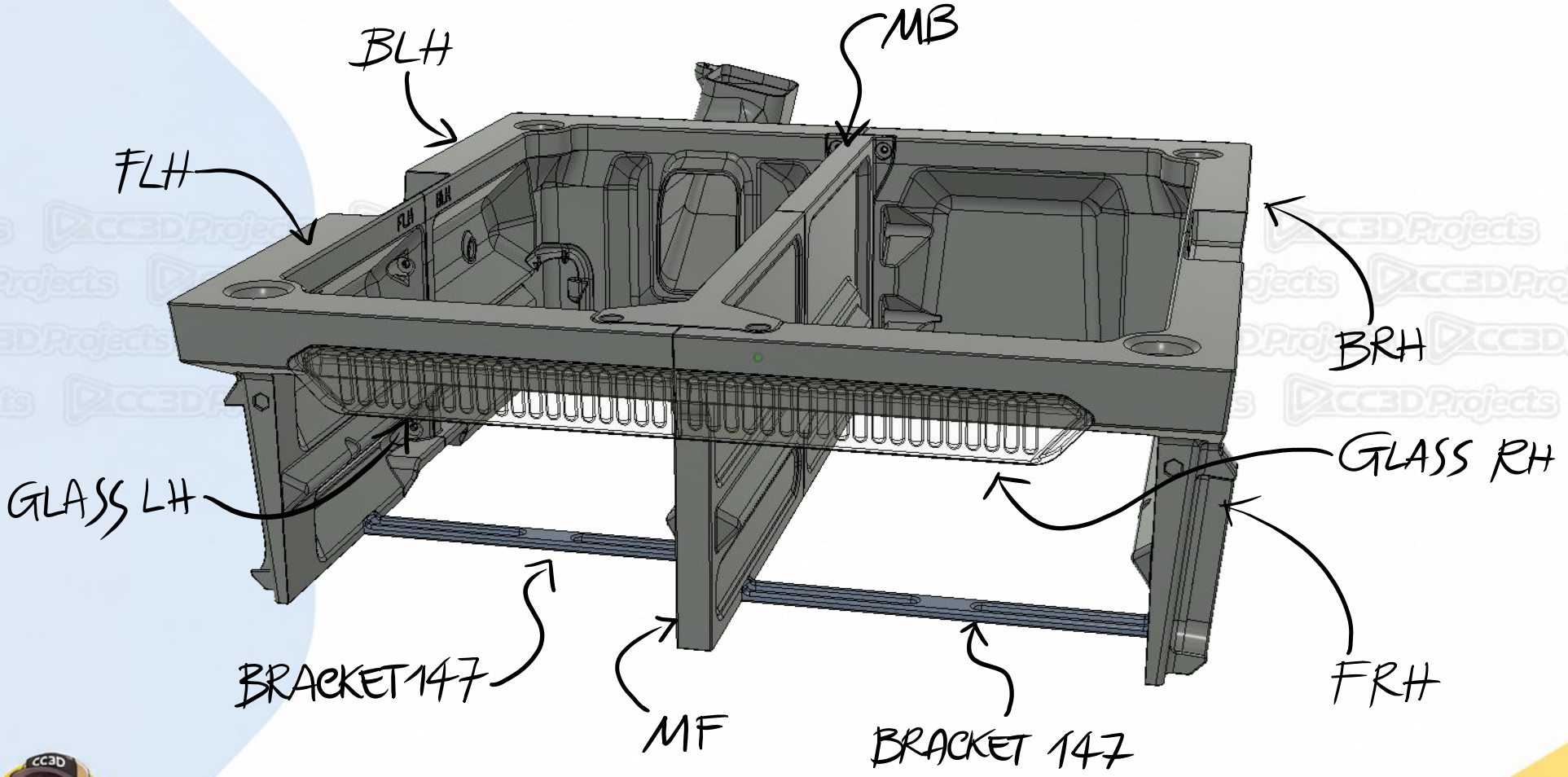
INFILL: GYROID 9%



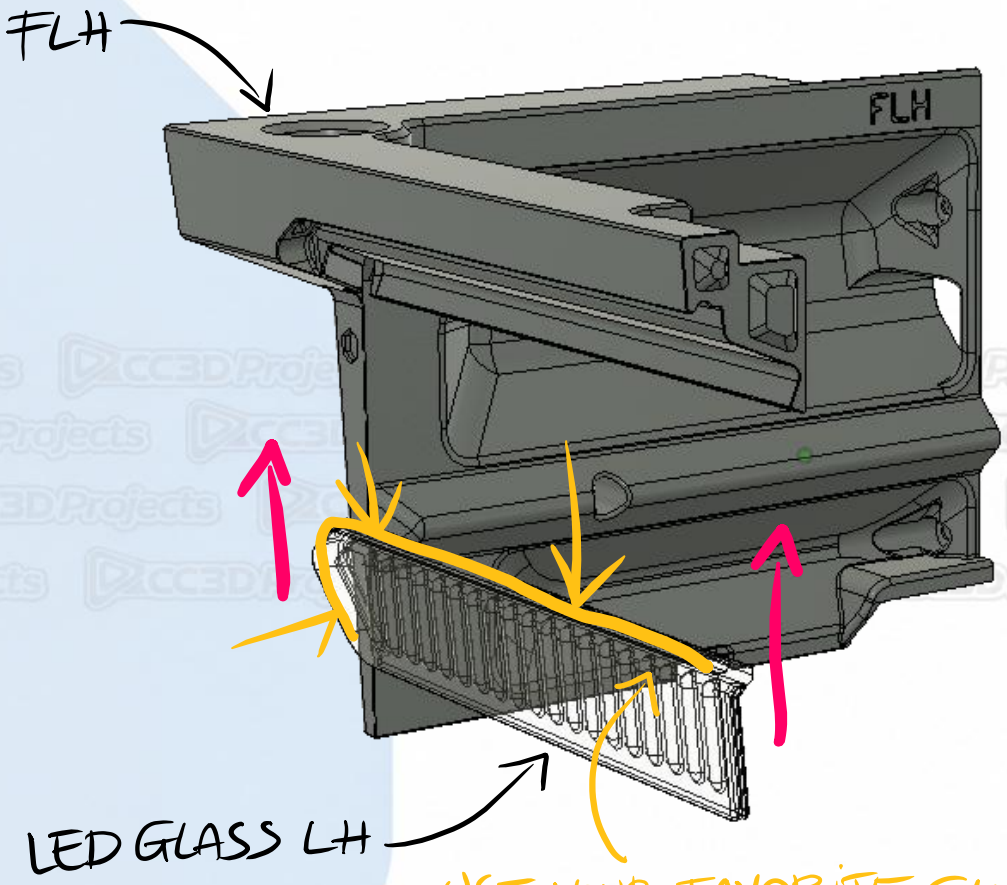
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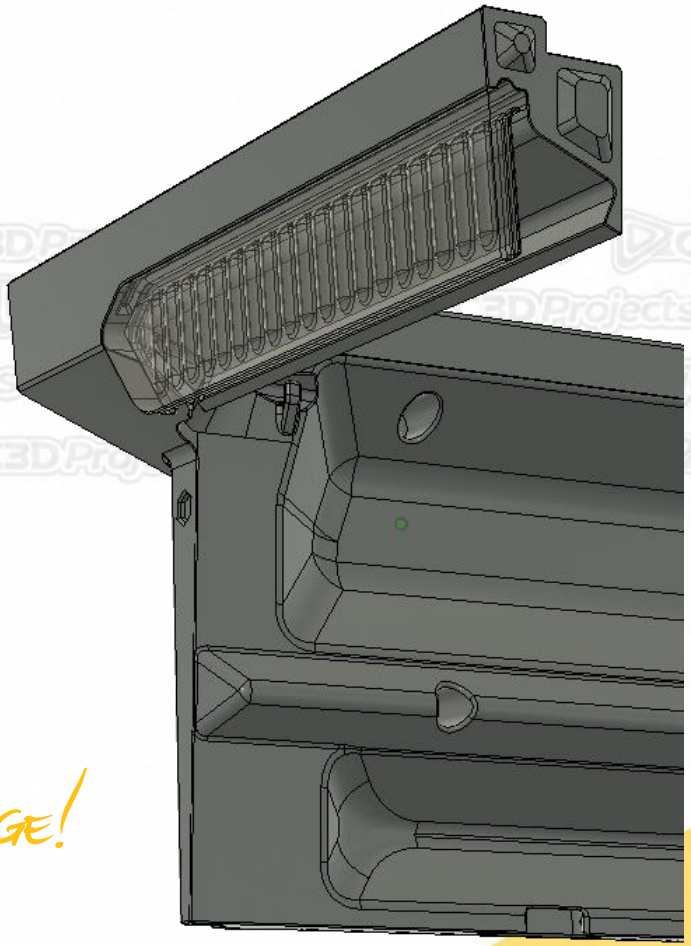
FRAME COMPONENTS



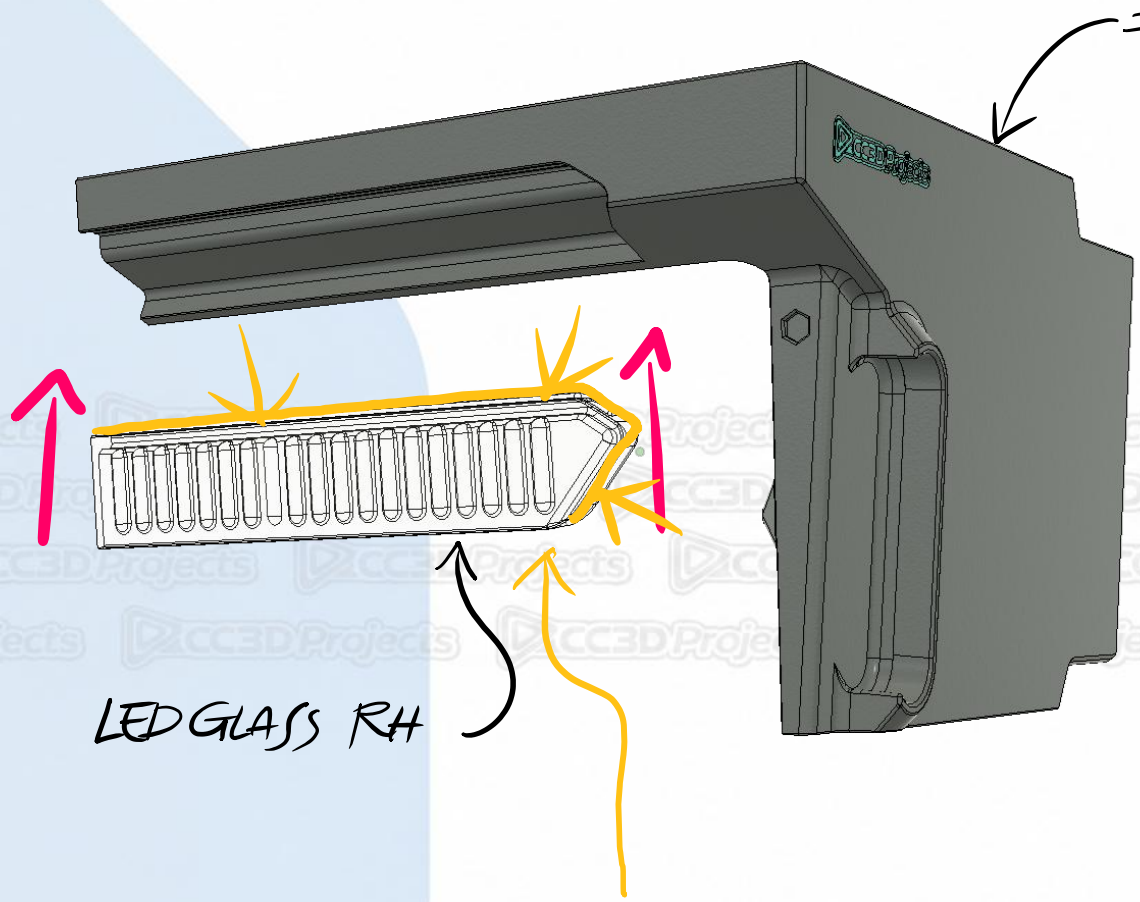
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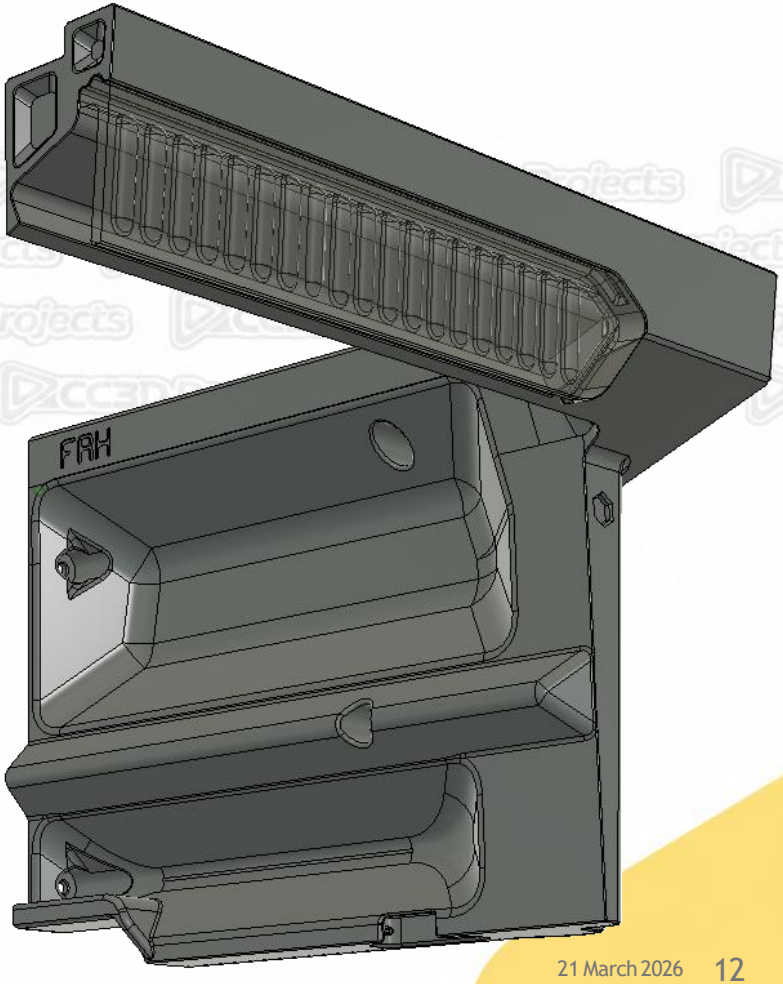
USE YOUR FAVORITE GLUE TO ATTACH THE TRANSPARENT PIECE TO THE BRIDGE!



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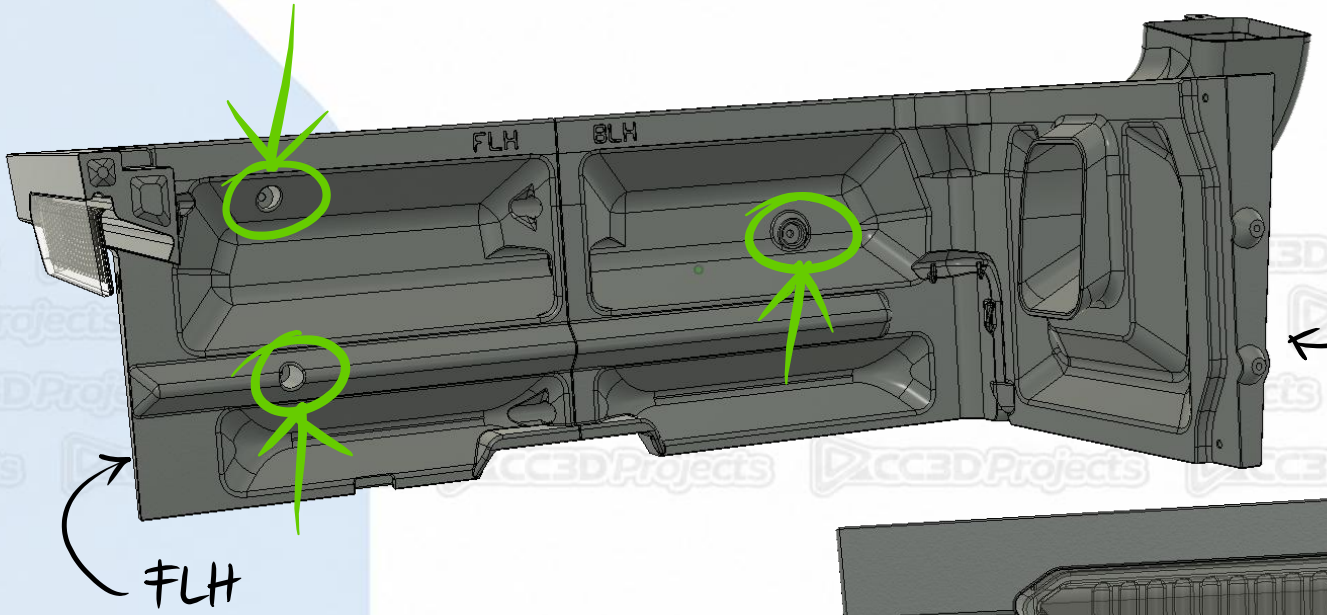


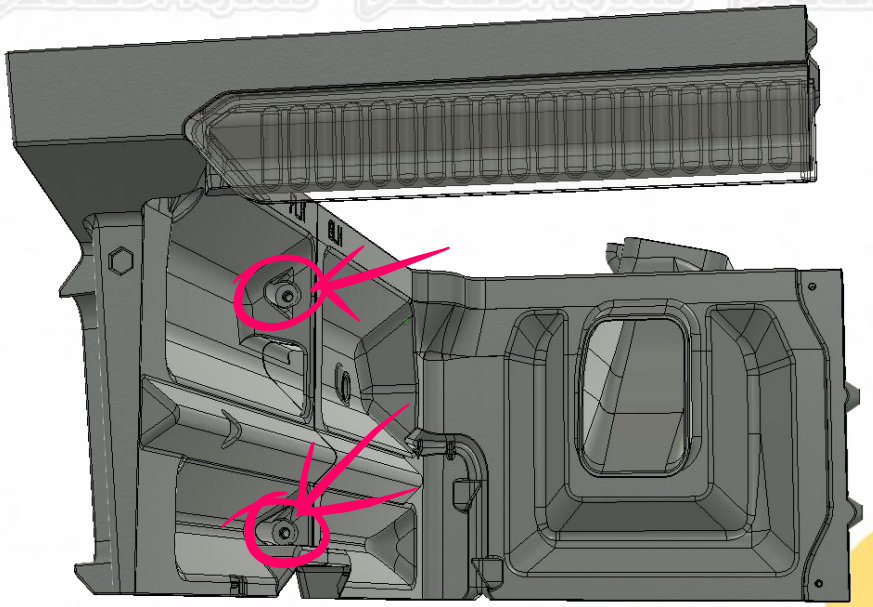
USE YOUR FAVORITE GLUE TO ATTACH THE TRANSPARENT PIECE TO THE BRIDGE!



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IF INSTALLING THE BUILD PLATE HOLDER ON THIS SIDE,
PRE-DRILL THE HOLES MARKED IN GREEN USING A 4 MM DRILLBIT.



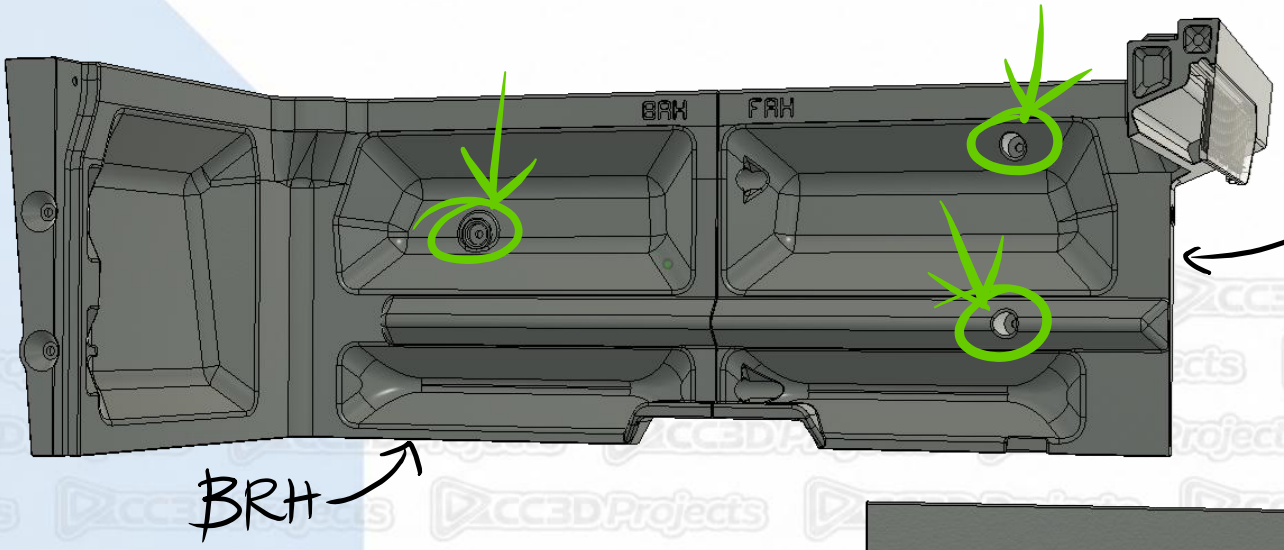


2 SCREWS NEEDED

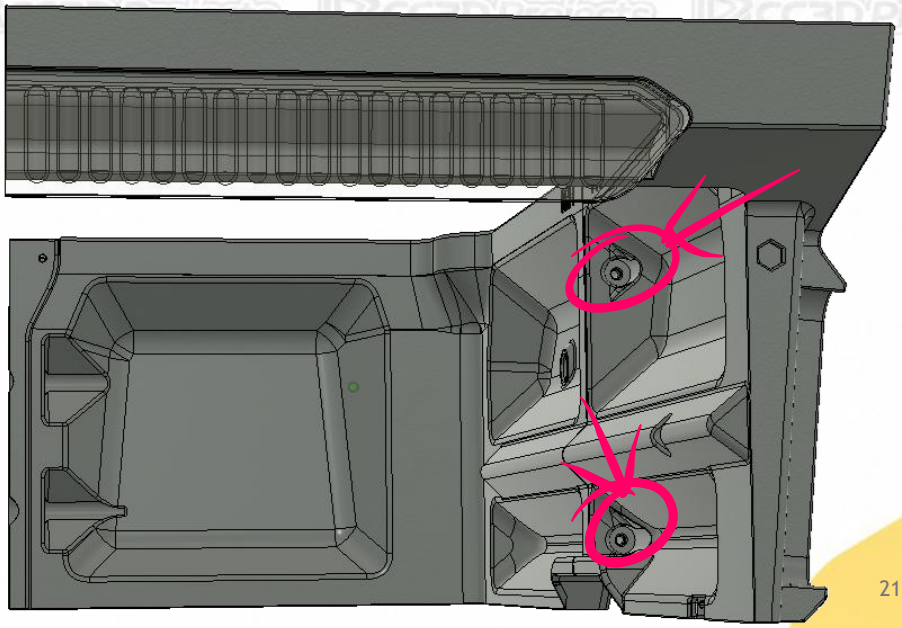


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IF INSTALLING THE BUILD PLATE HOLDER ON THIS SIDE,
PRE-DRILL THE HOLES MARKED IN GREEN USING A 4 MM DRILLBIT.

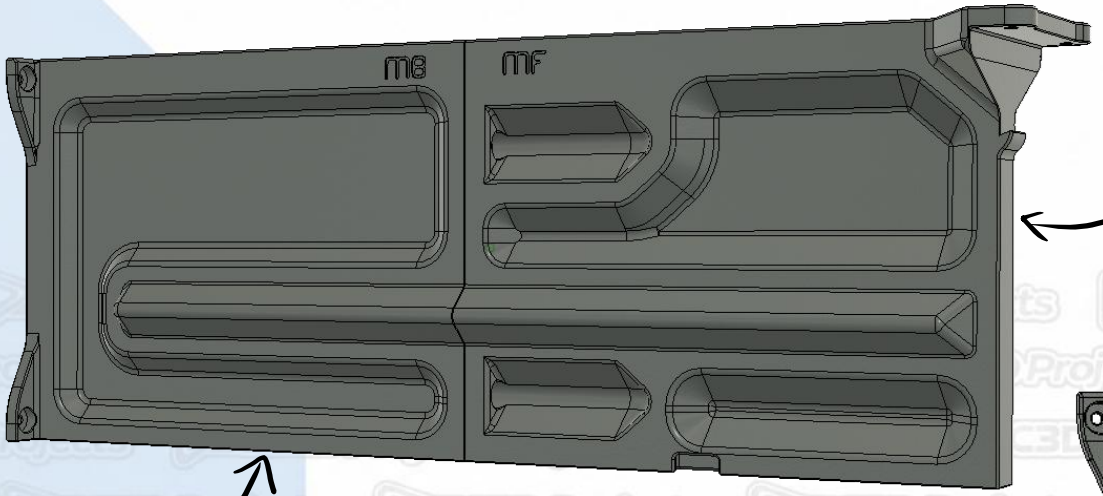


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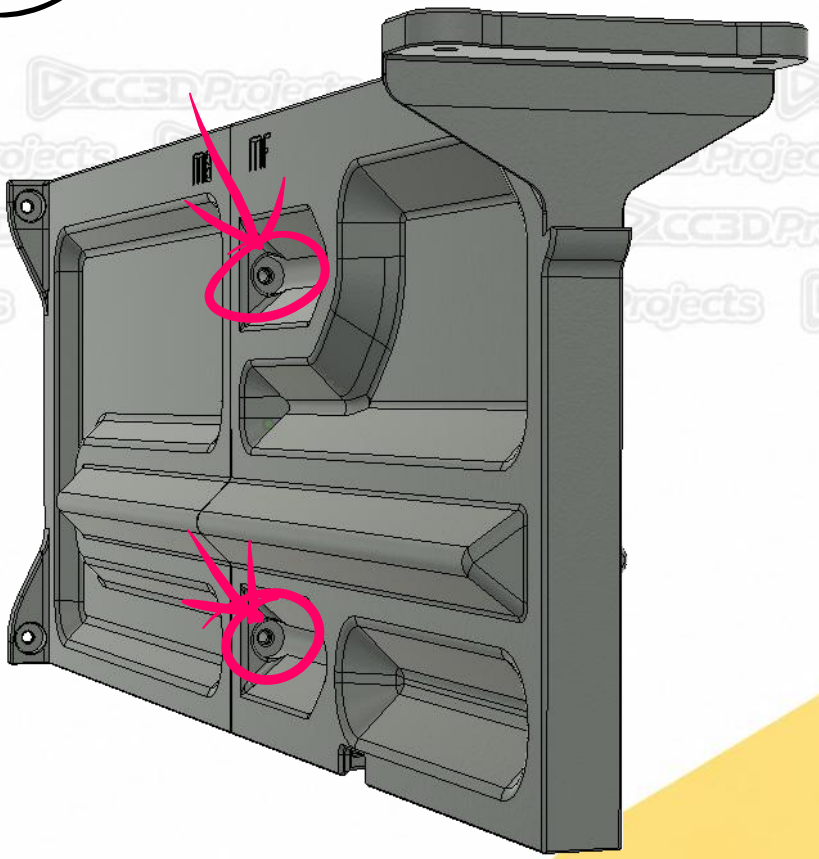
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MF

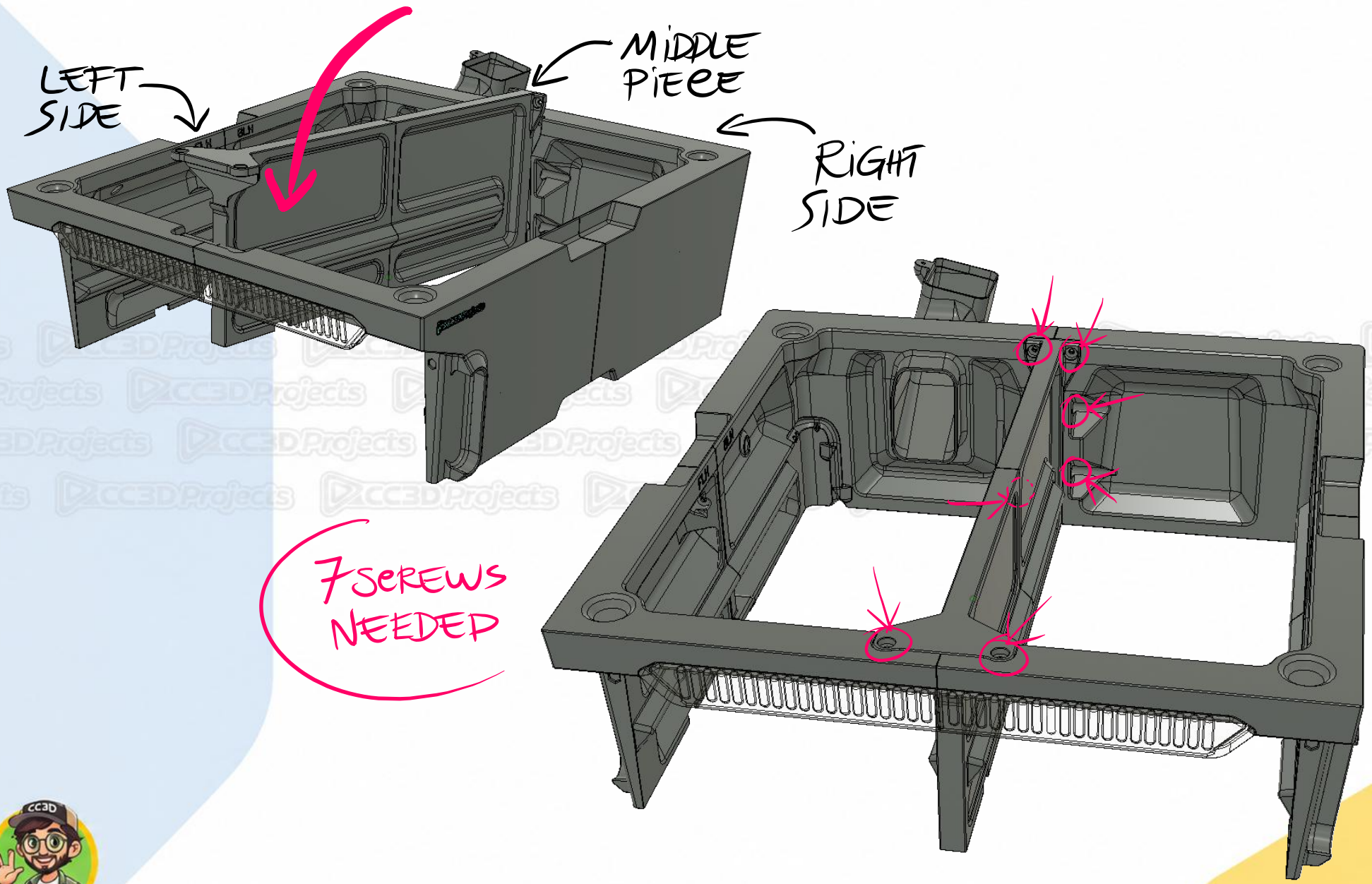
MB

2 SCREWS NEEDED

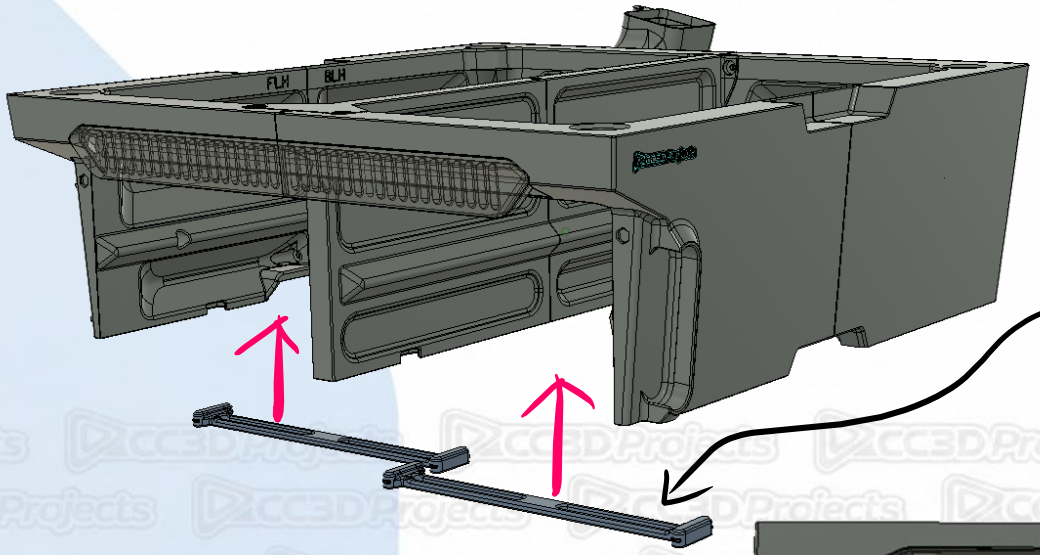




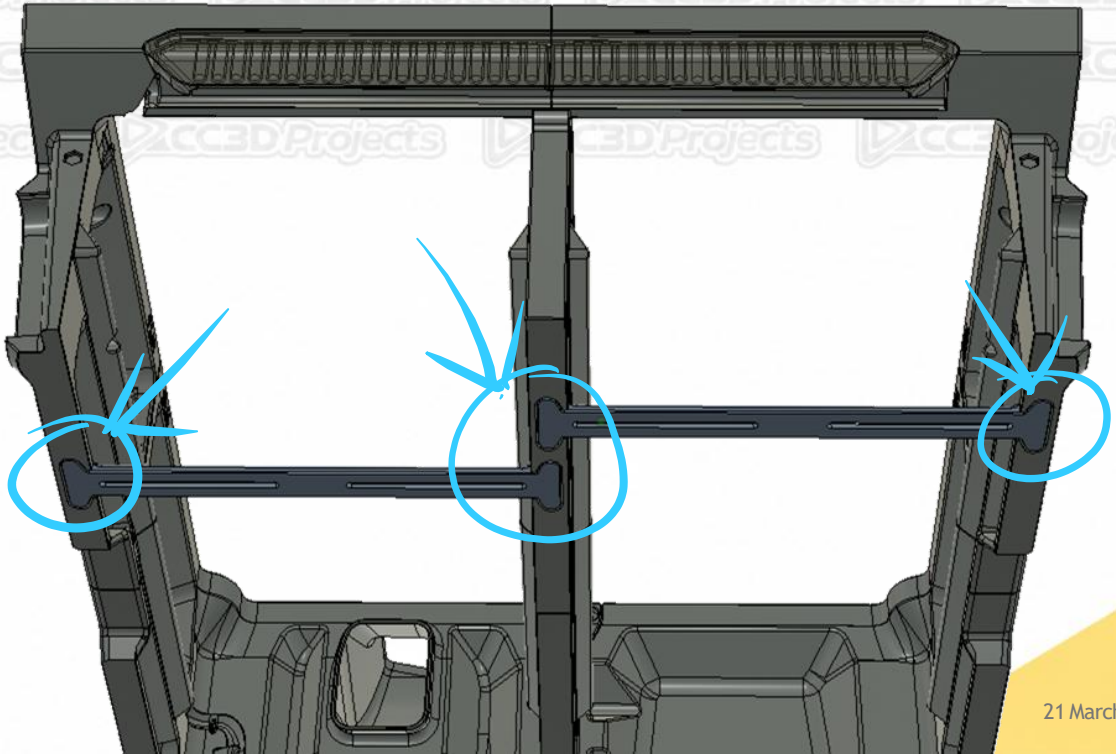
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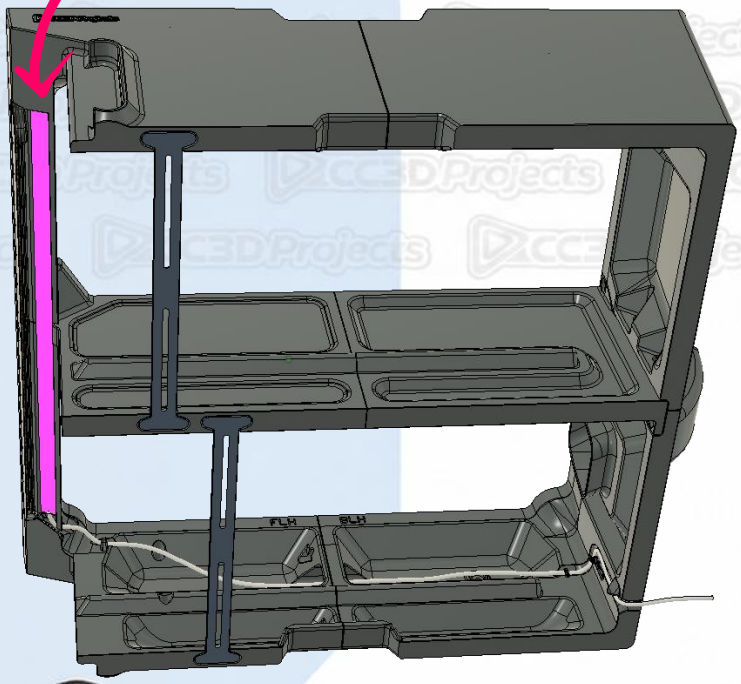


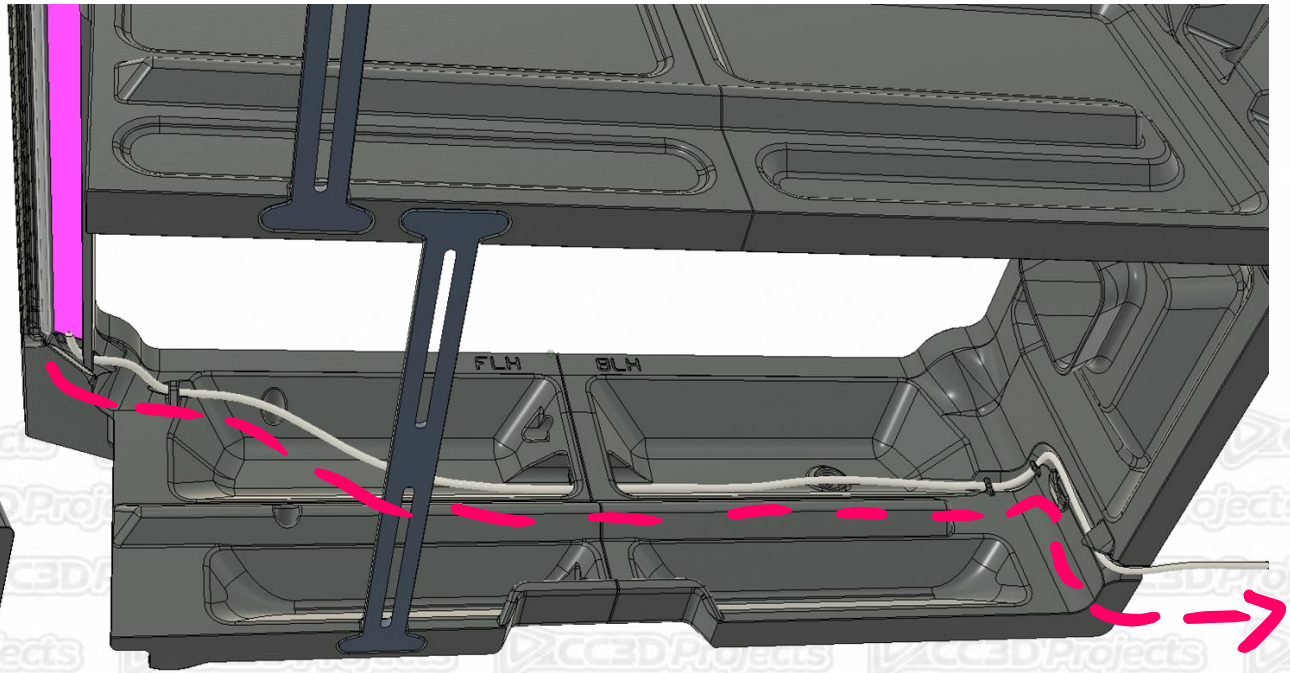
INSTALL THE REINFORCEMENT BOTTOM BARS



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INSTALL THE LED STRIP



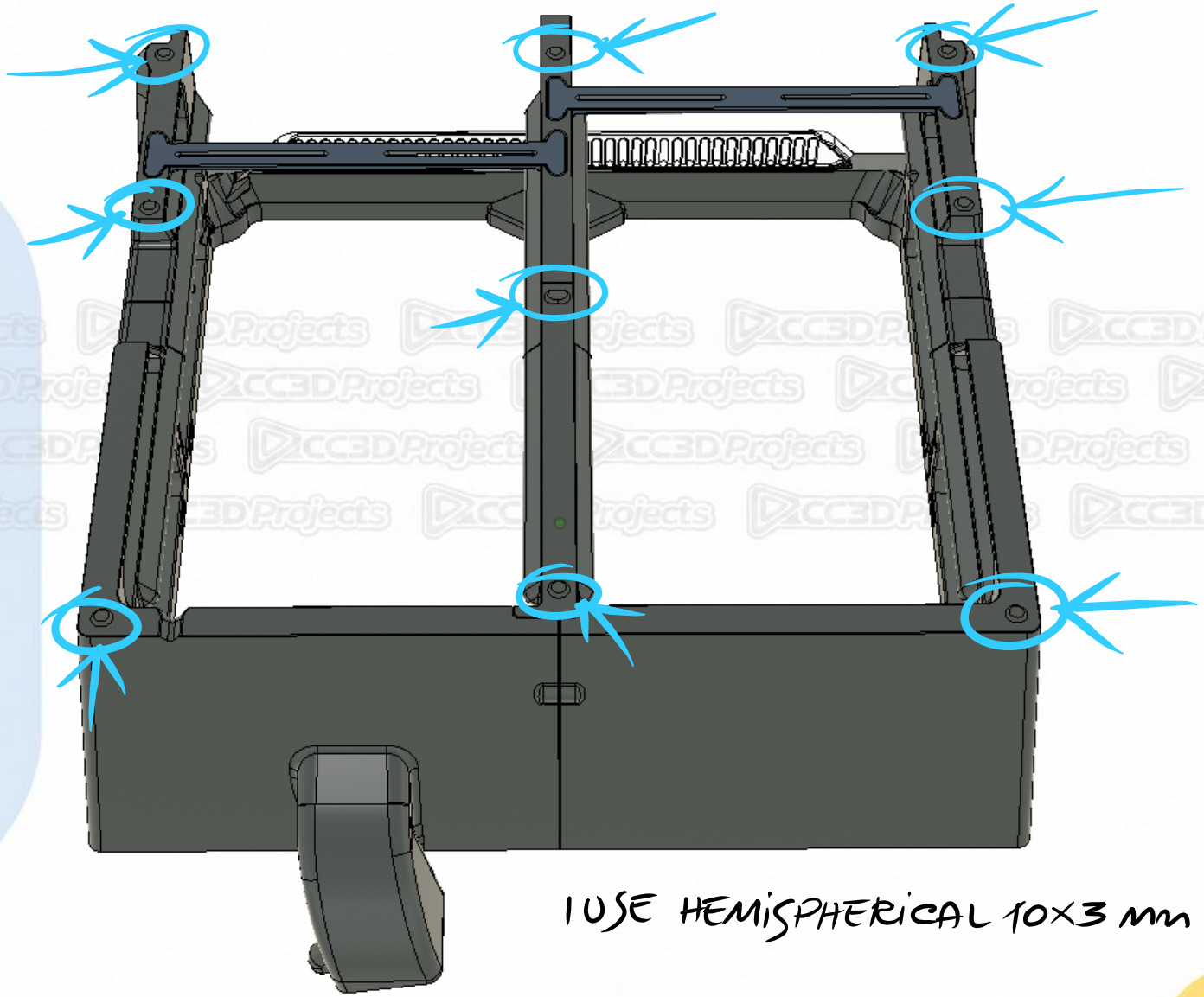


ROUTE THE CABLE TO THE BACK OF THE DRAWER.



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INSTALL SELF-ADHESIVE, NON-SLIP SILICONE FEET.



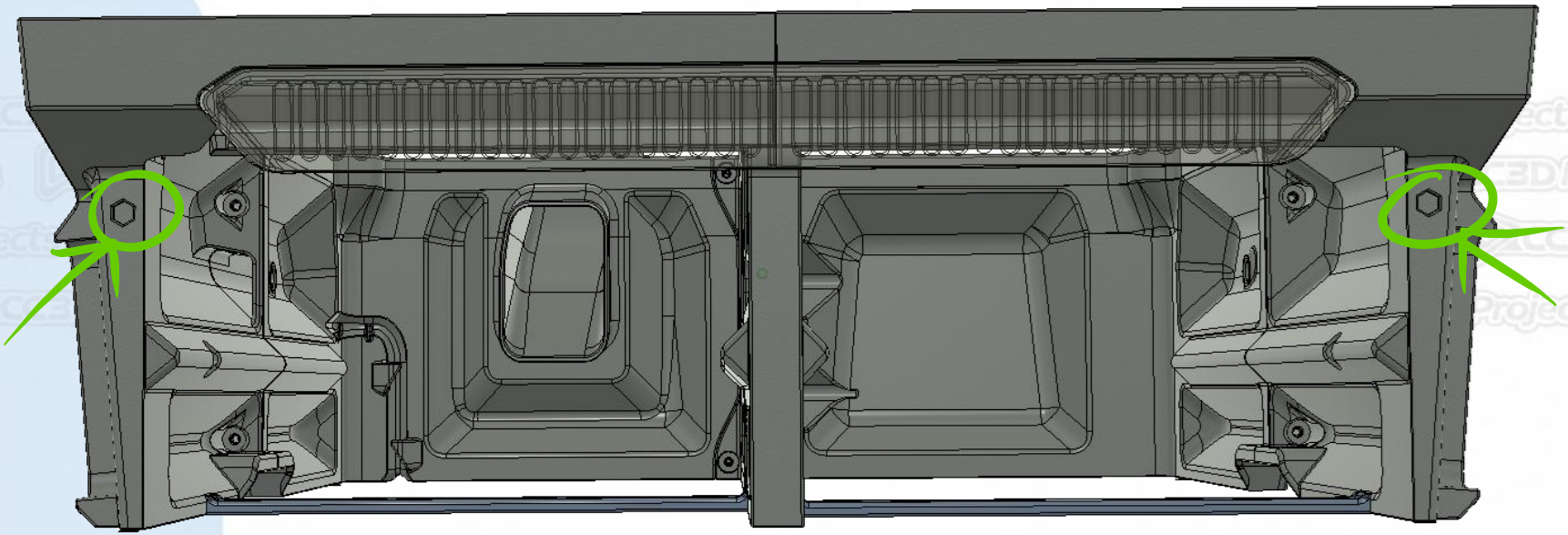
USE HEMISPHERICAL 10×3 mm

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2 MAGNETS NEEDED

GLUE THE MAGNETS IN PLACE USING THE MAGNET INSTALLER "A" AND A DROP OF GLUE

MAGNET INSTALLERS ARE AVAILABLE FOR FREE IN MY SHOP, OF COURSE!



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TIME TO PUT THE PRINTER ON TOP!

NOW COMES THE TRICKY PART!
CAREFULLY LIFT THE PRINTER ONTO THE DRAWER AND GET AT LEAST TWO PEOPLE TO HELP YOU.

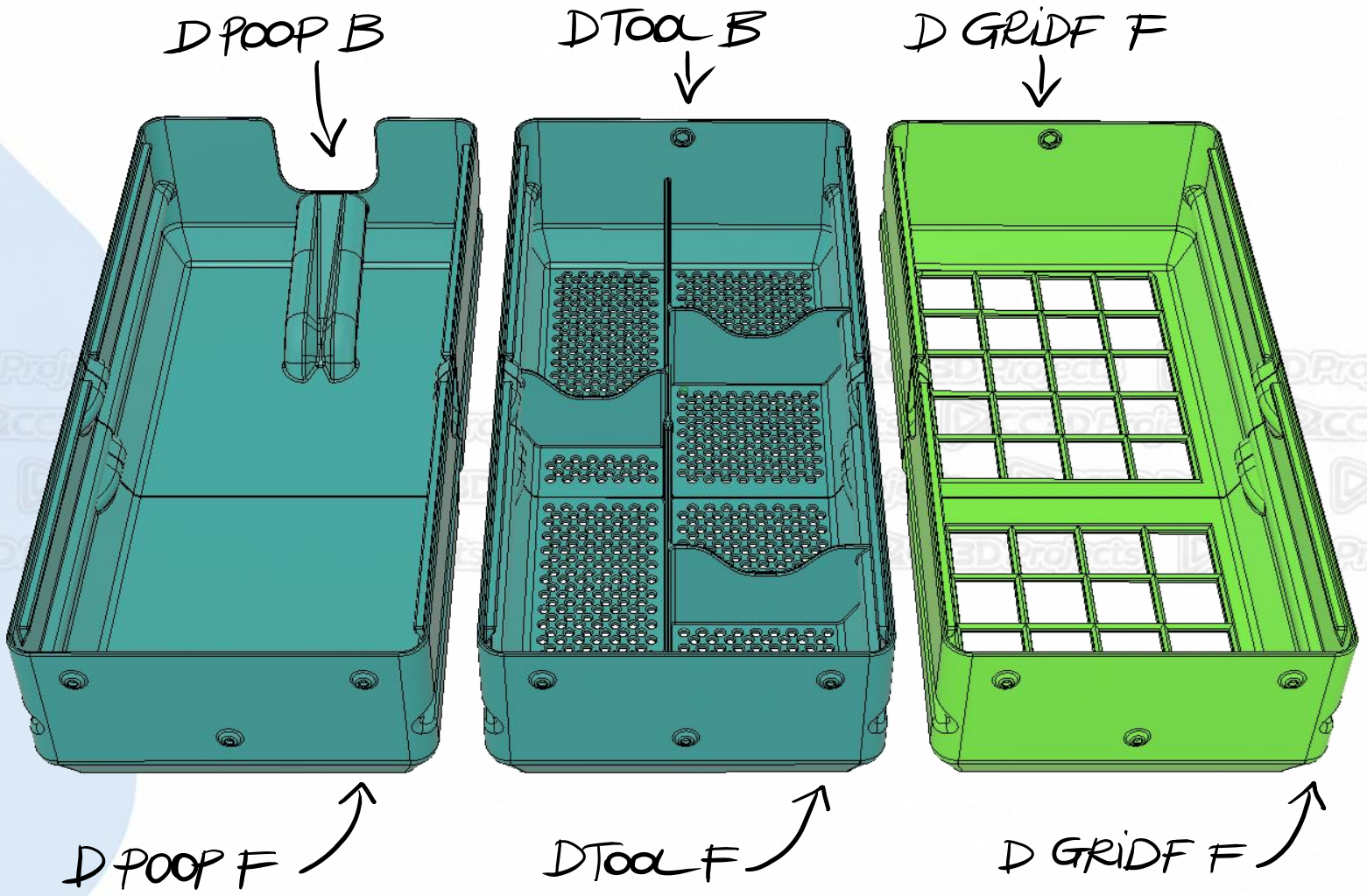
THIS BEAST IS HEAVY, AND TRUST ME WHEN I SAY THAT...

...EVEN YOUR BETTER HALF WON'T BE ENOUGH! LOL

BE CAREFUL AND WATCH YOUR FINGERS AND YOUR BACK!

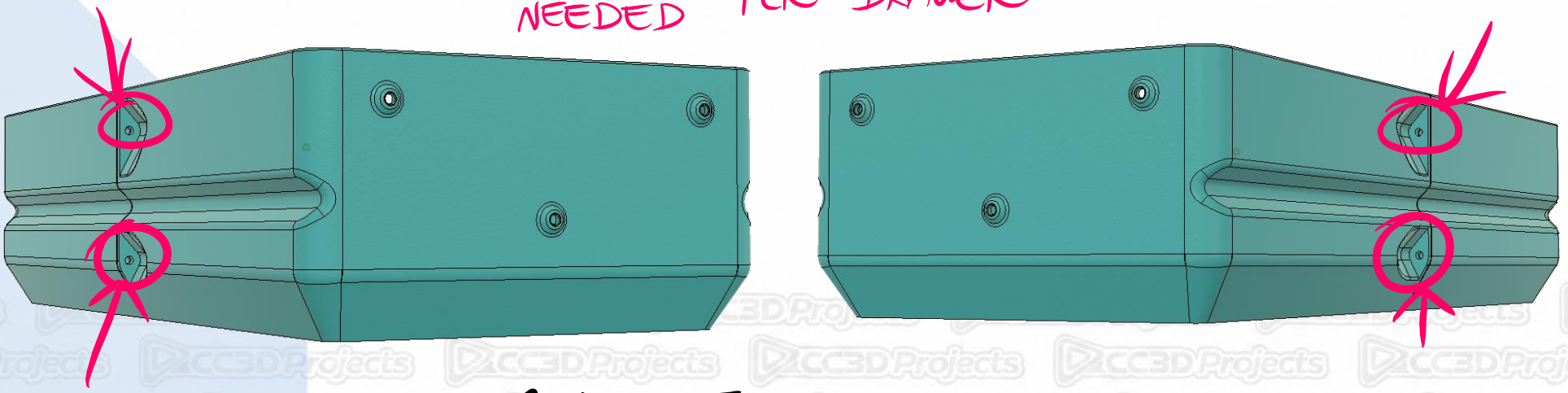


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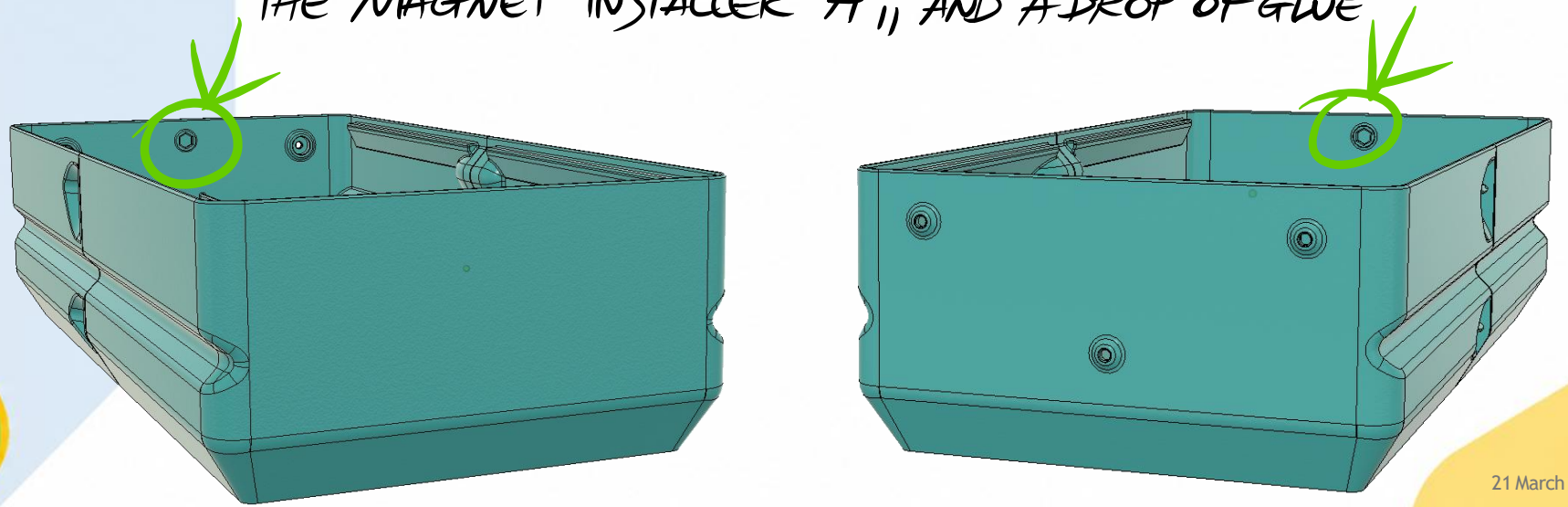
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4 SCREW NEEDED PER DRAWER



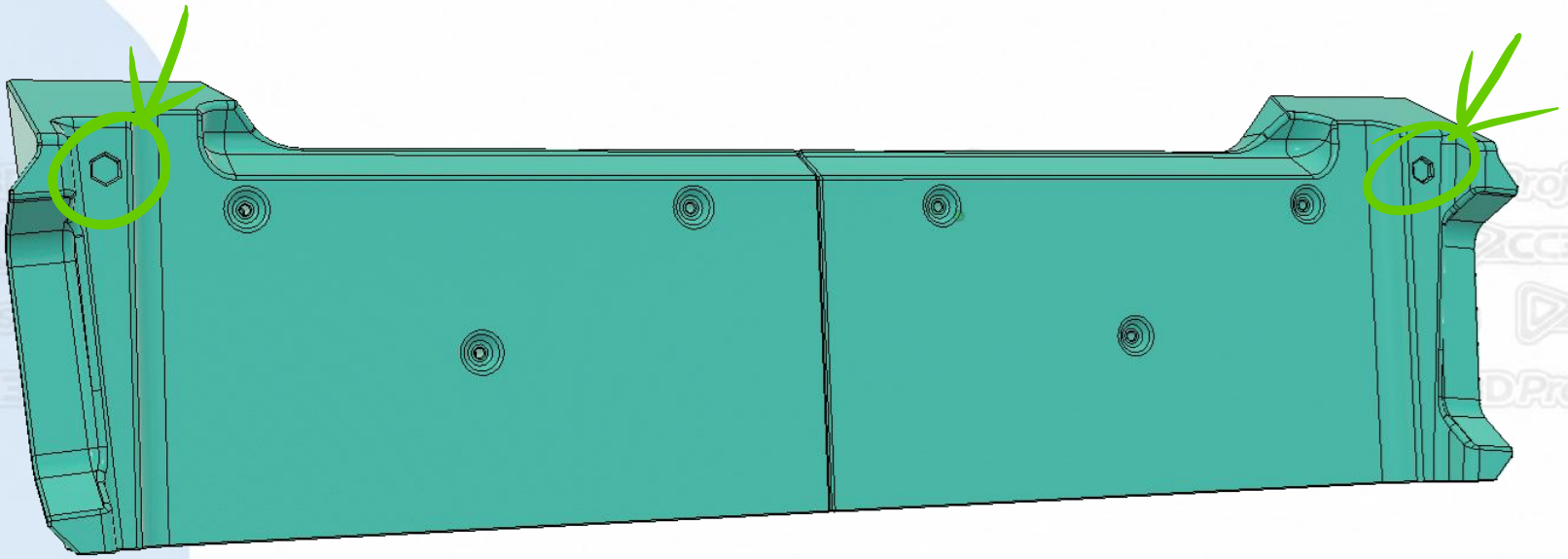
2 MAGNETS NEED PER DRAWER

GLUE THE MAGNETS IN PLACE USING THE MAGNET INSTALLER "A" AND A DROP OF GLUE



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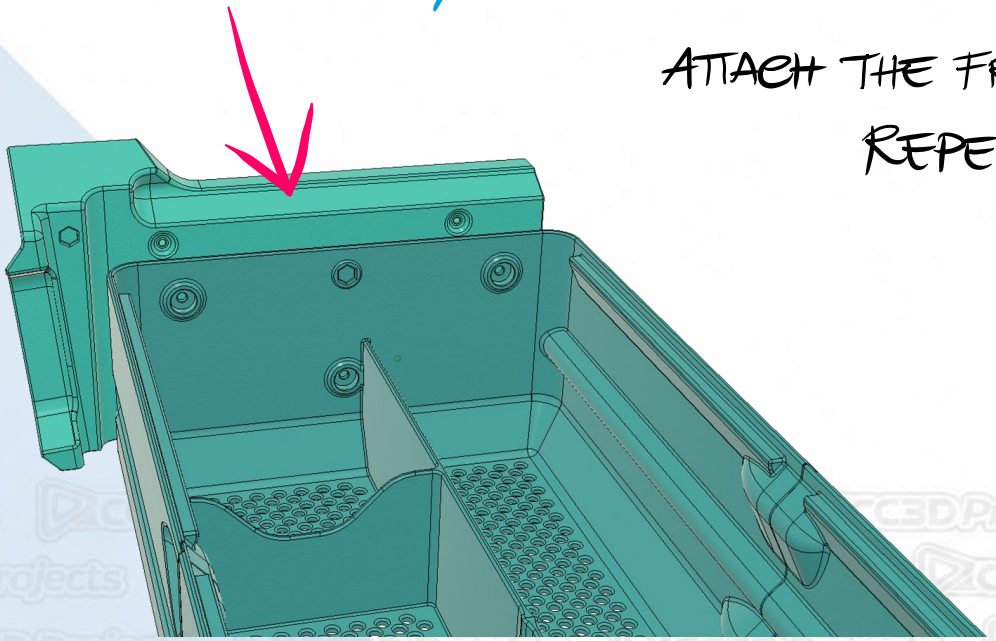
GLUE THE MAGNETS IN PLACE USING THE MAGNET INSTALLER "B" AND A DROP OF GLUE



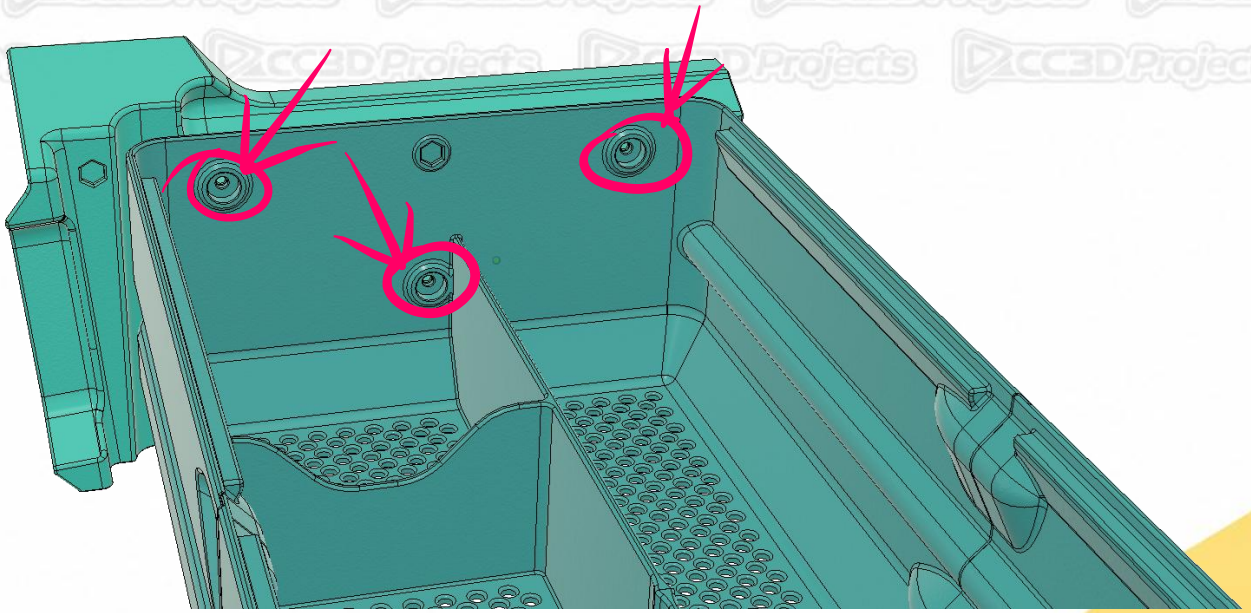
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ATTACH THE FRONT PANELS TO THE DRAWERS

REPEAT FOR BOTH DRAWERS



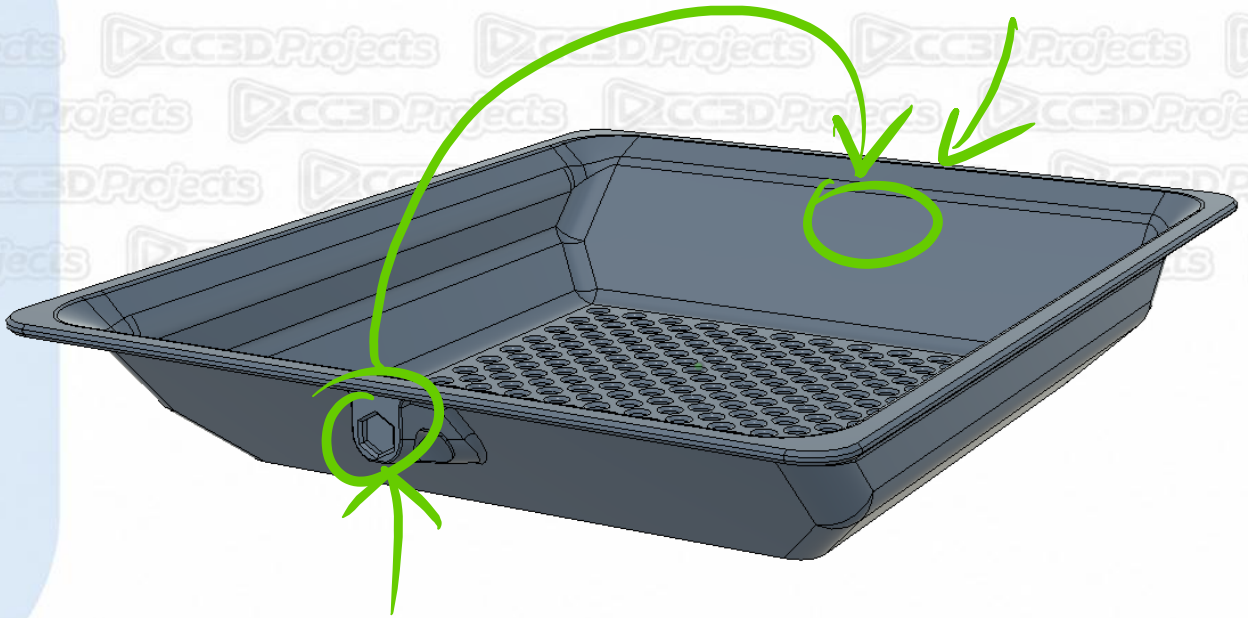
3 SCREWS NEEDED



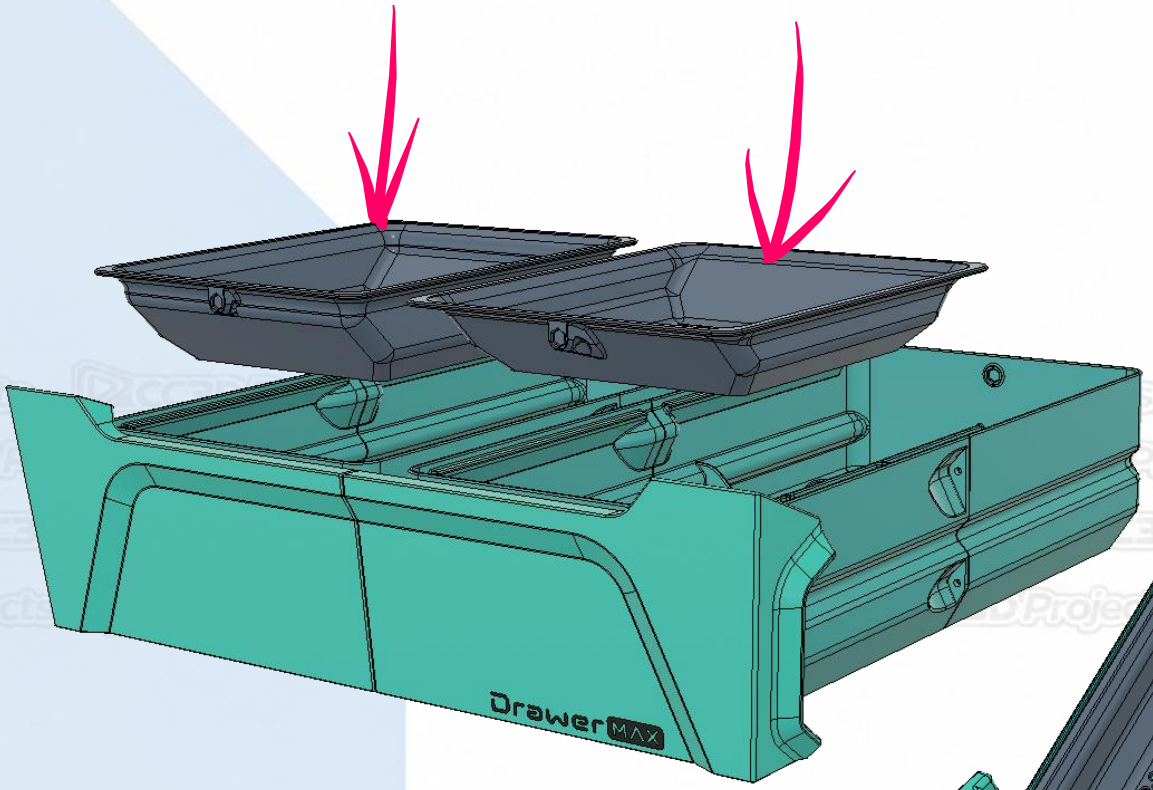
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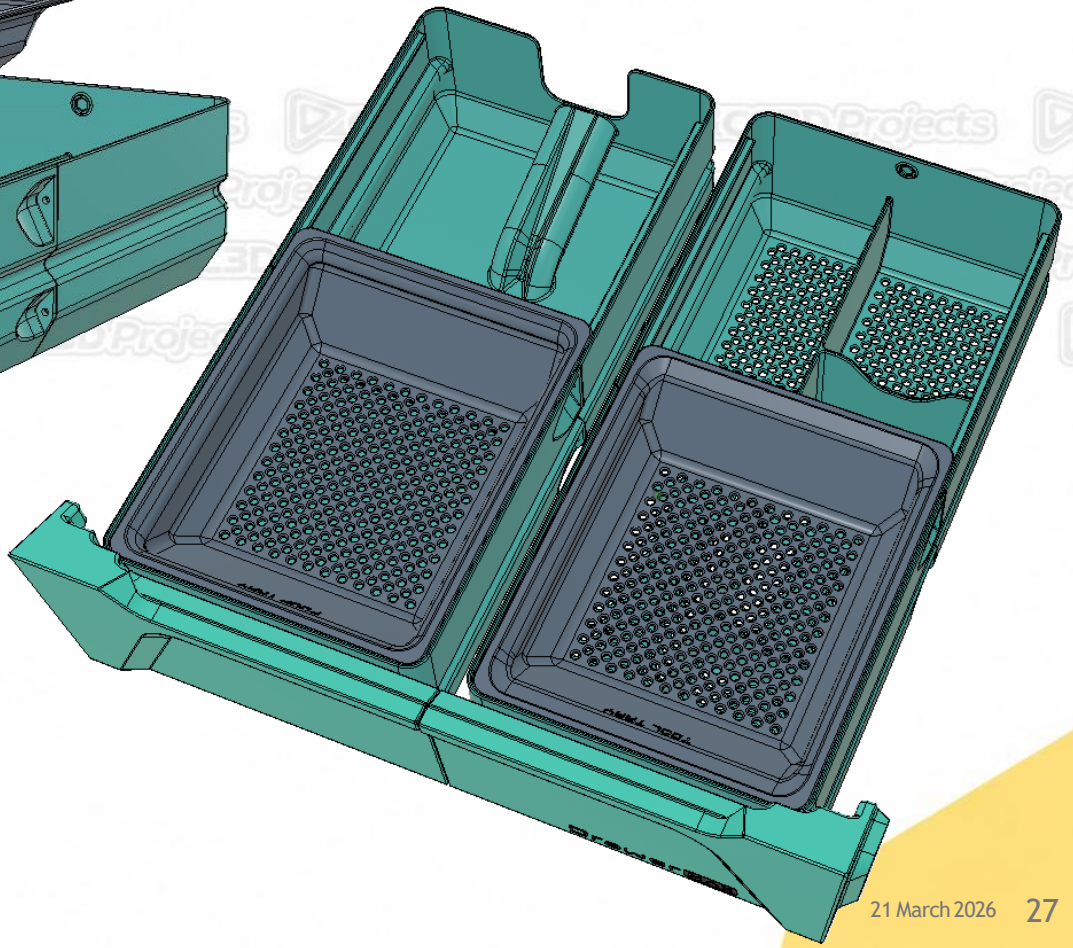
2 MAGNETS NEED EACH DRAWER

GLUE THE MAGNETS IN PLACE USING THE MAGNET INSTALLER "B" AND A DROP OF GLUE



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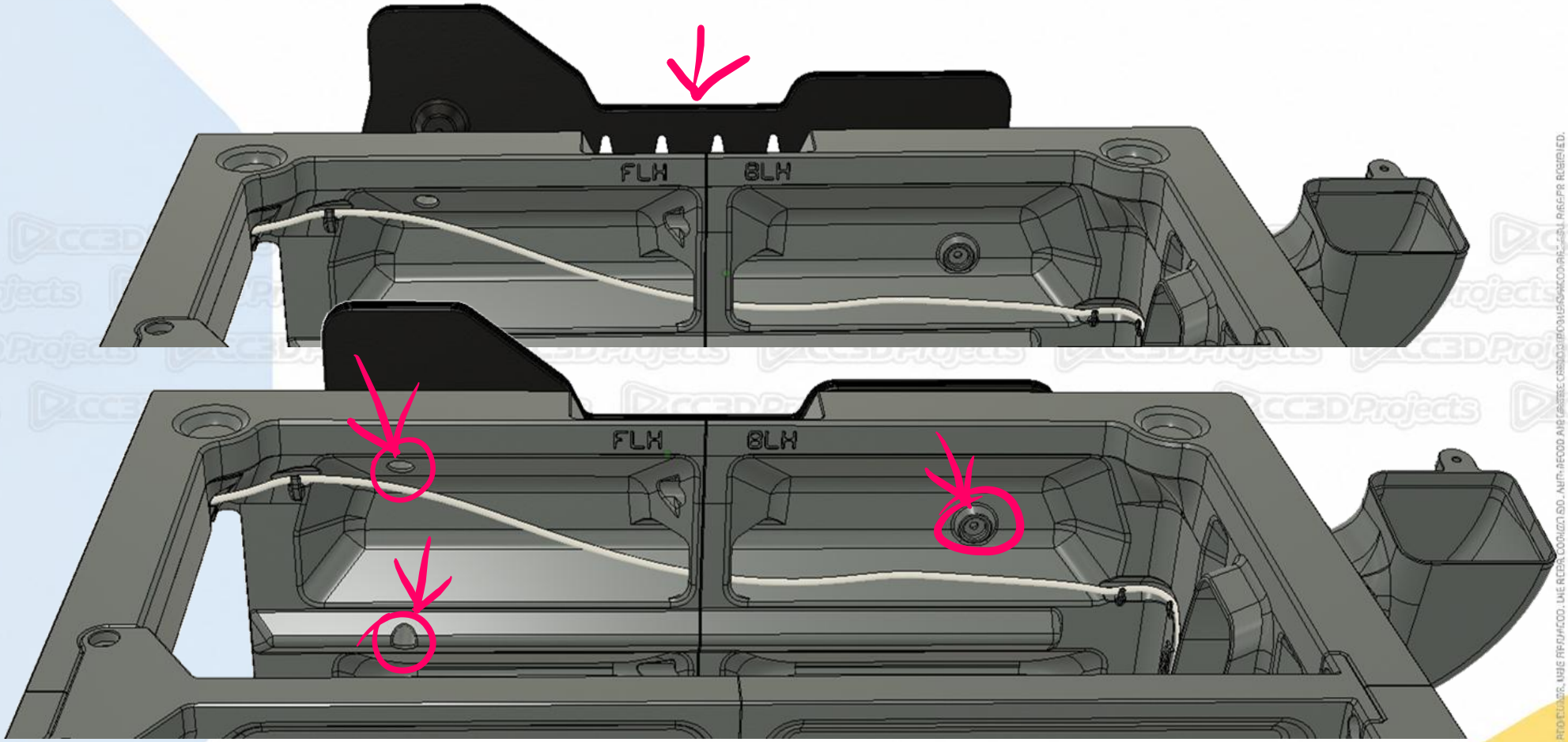




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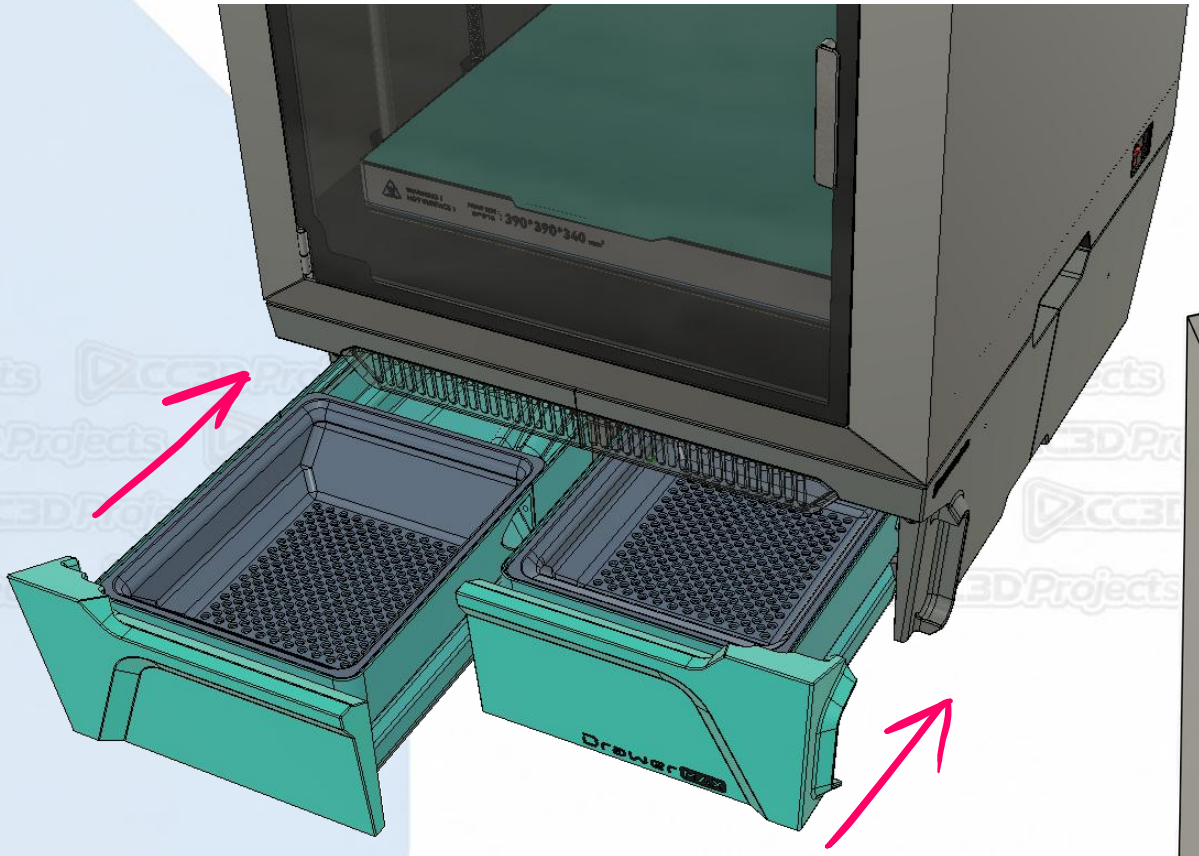
3 SCREWS NEEDED

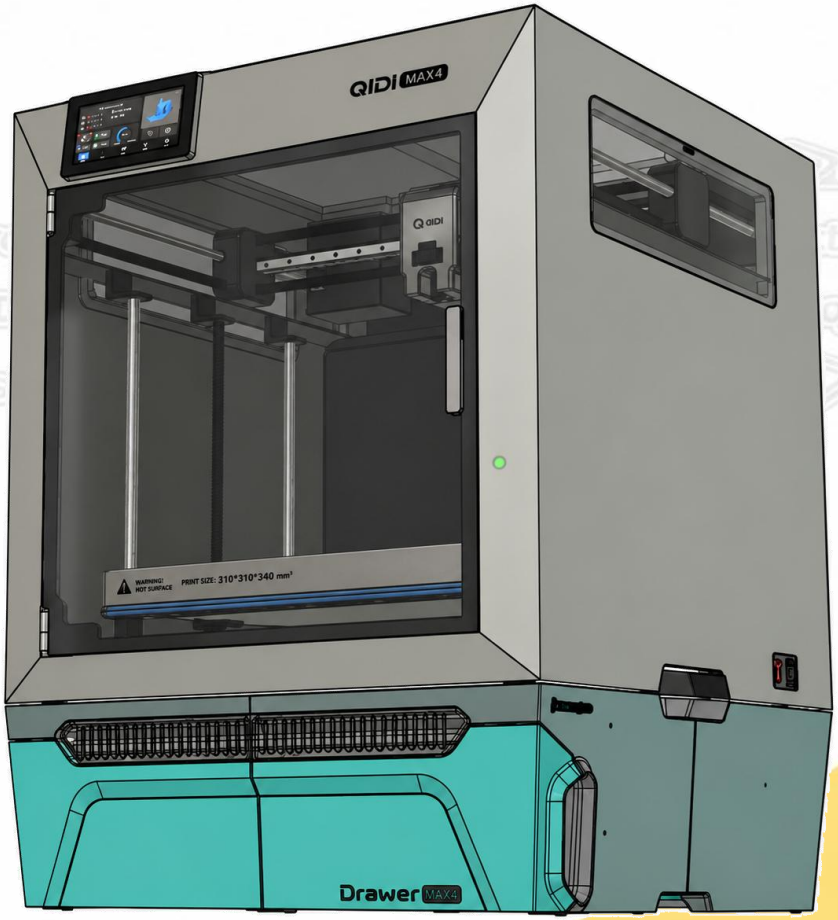
TO SECURE EACH BUILD PLATE HOLDER



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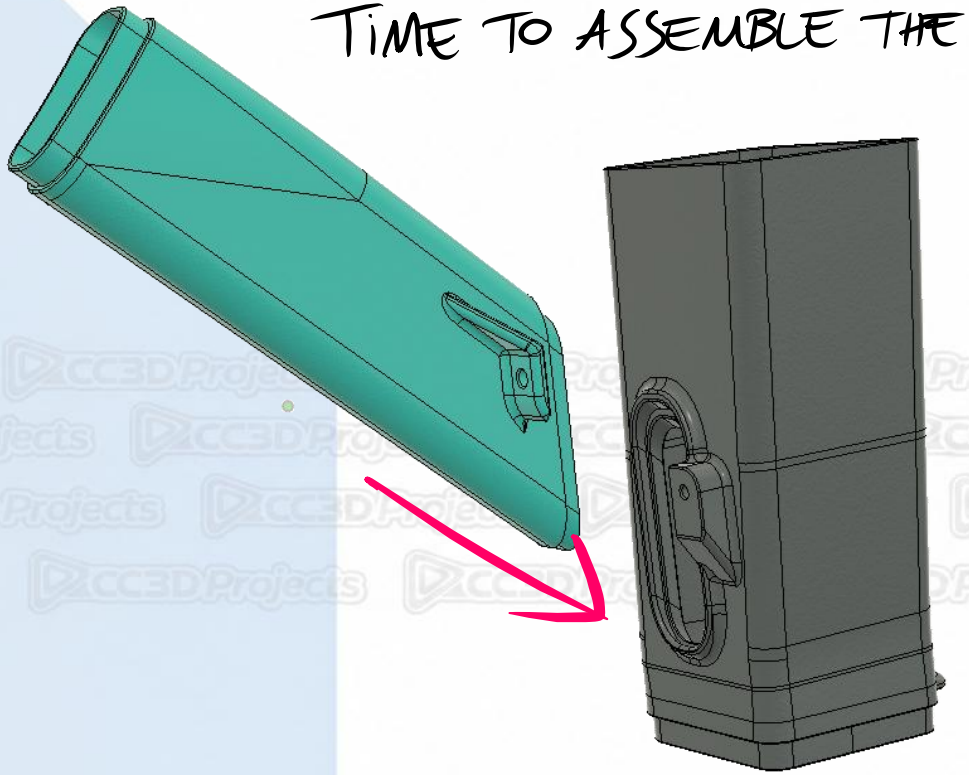
SLIDE IN THE DRAWERS



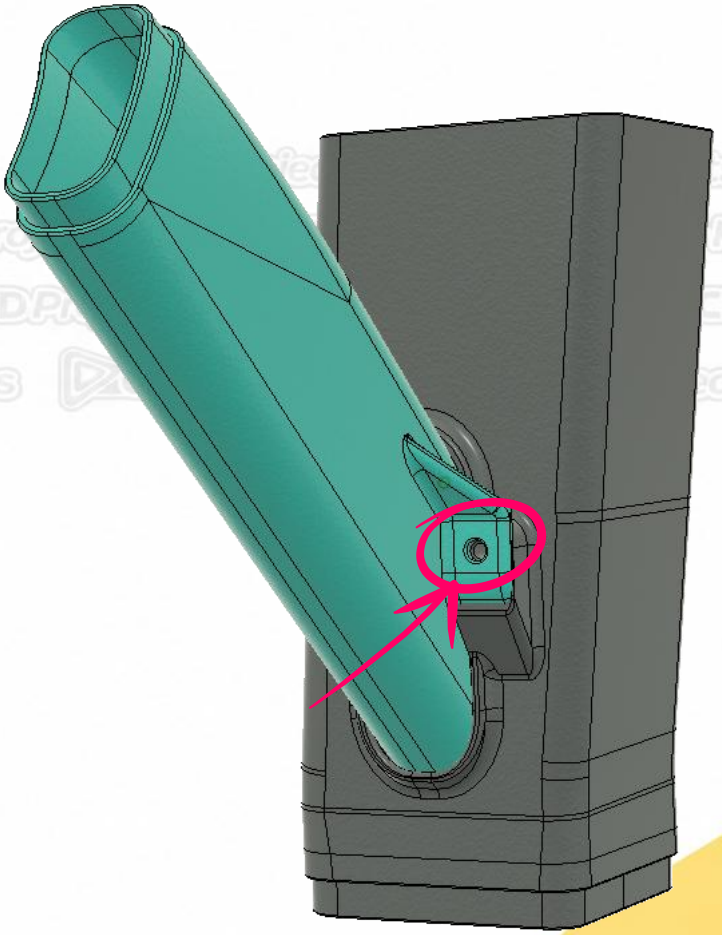


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TIME TO ASSEMBLE THE REAR PIPE AND MUFFLER

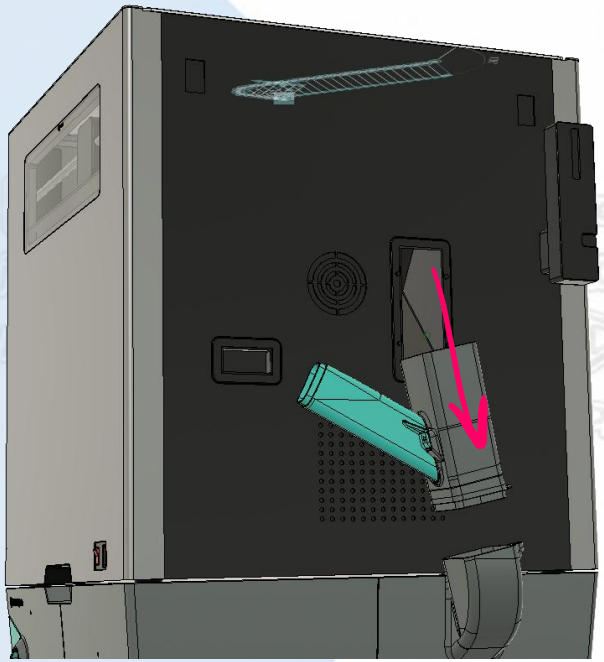


1 SCREW NEEDED

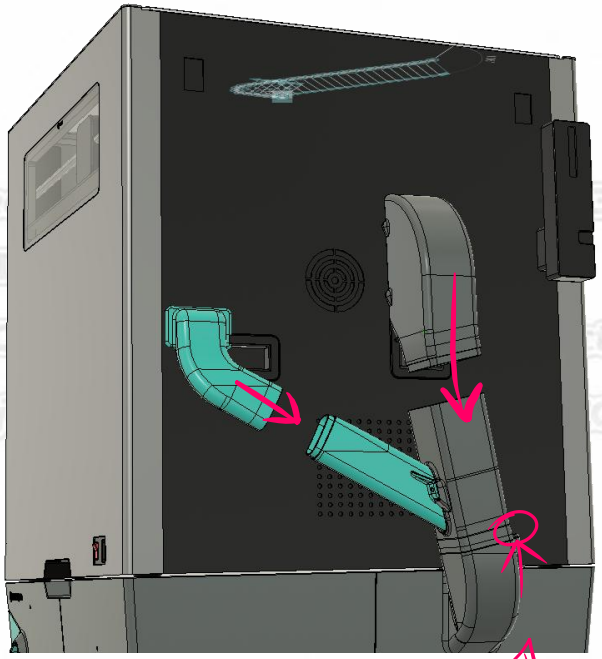


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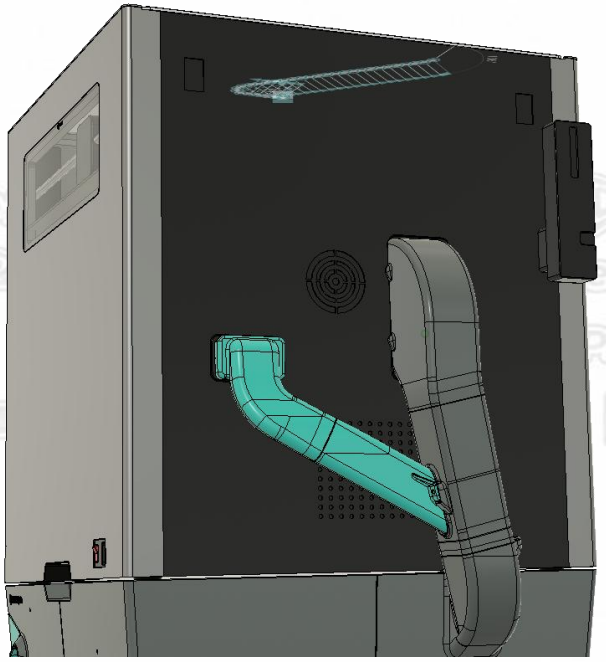
INSTALL THE CENTER PIPE



INSTALL THE MUFFLER TUBE AND SNAP IT INTO THE REAR FAN OPENING



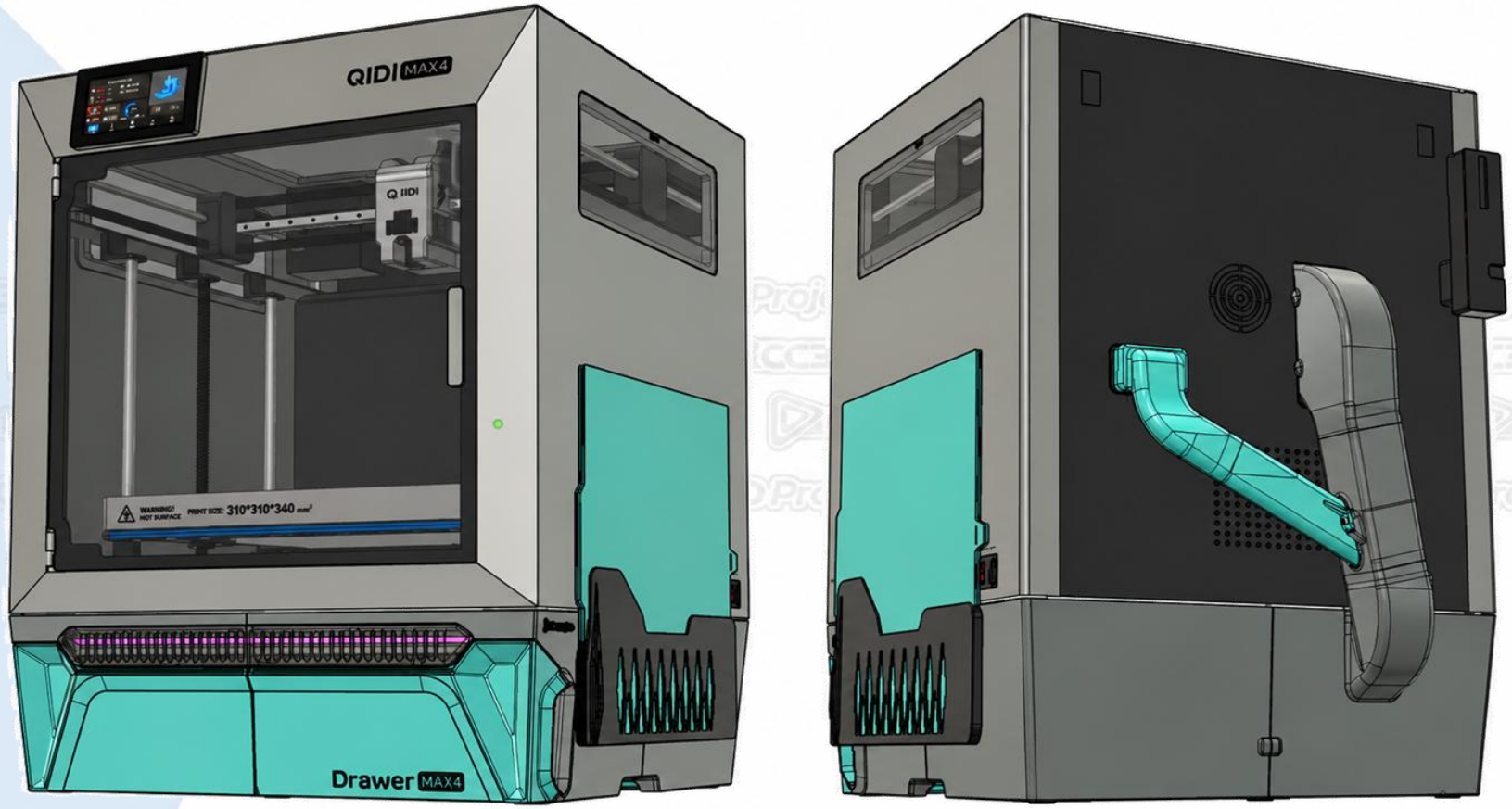
INSTALL THE UPPER PIPE SECTION





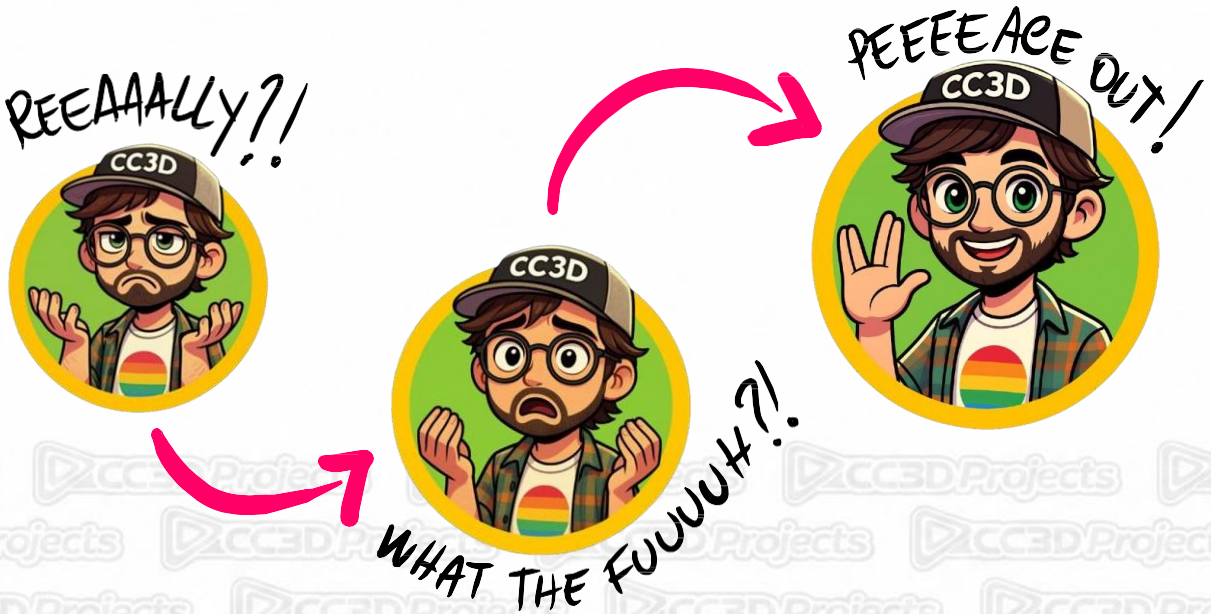
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AND THERE YOU GO, YOU'RE ALL DONE!
WELL, AT LEAST I HOPE SO! LOL



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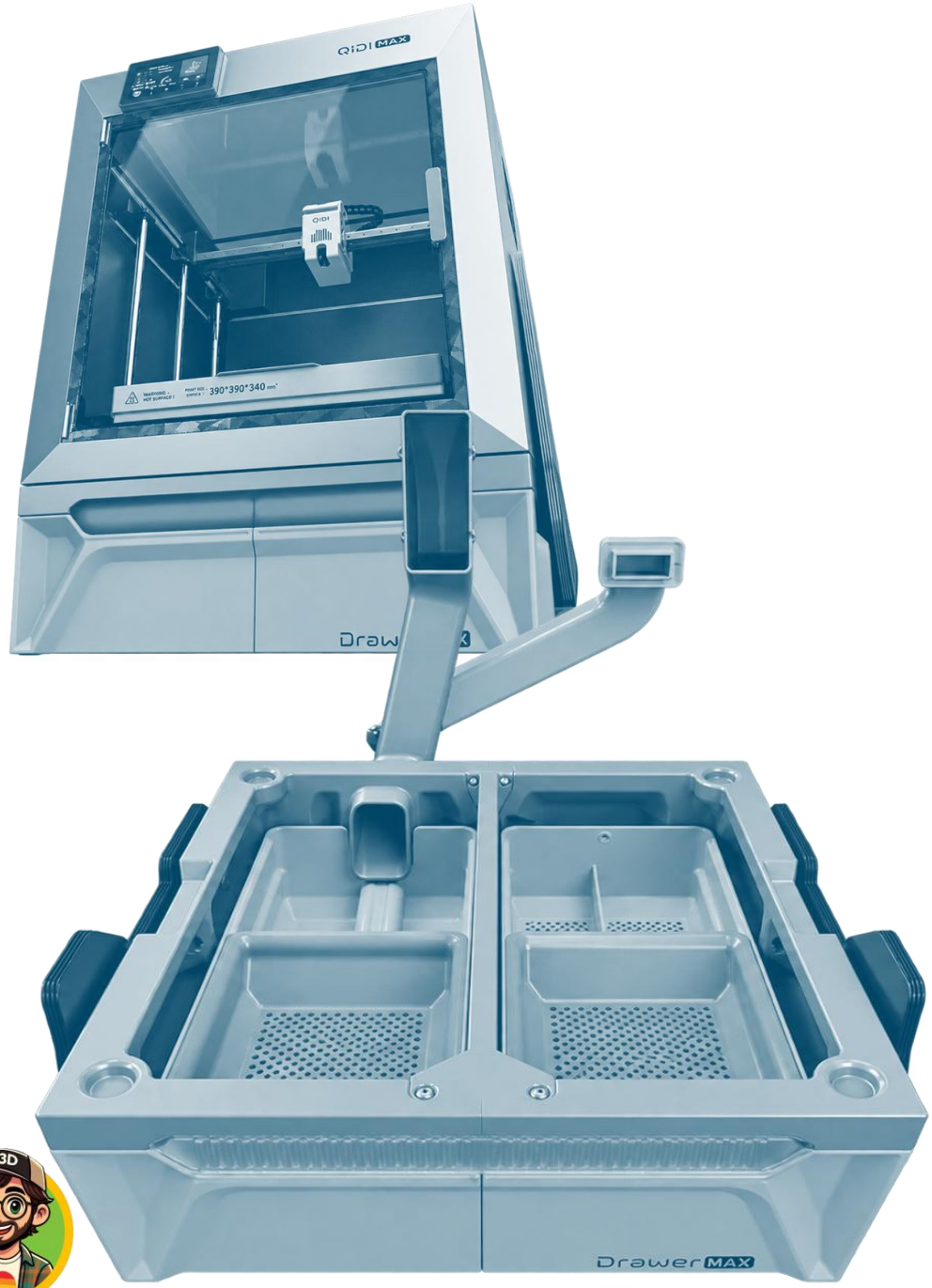


THANKS FOR STICKING WITH ME THROUGH THIS ASSEMBLY GUIDE
IT TOOK ME HOURS TO PUT THIS GUIDE TOGETHER, I TRULY HOPE YOU LIKE IT!
IF THERE'S ANYTHINK I CAN DO BETTER, PLEASE LET ME KNOW!
I'M ALWAYS HERE TO HELP AND IMPROVE MY WORK AND MY MODELS!

CIAO
ENRICO



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