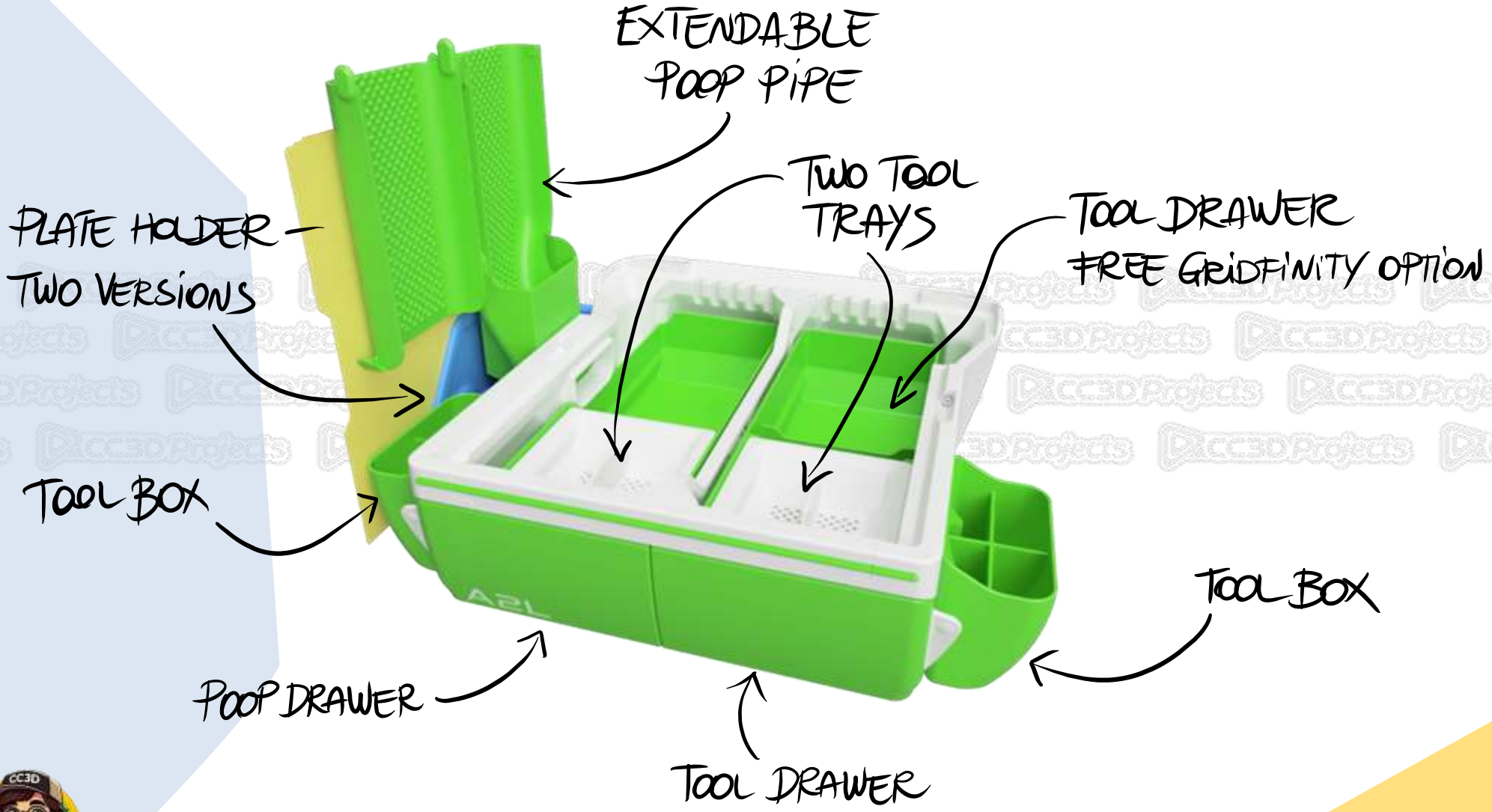
BAMBU LAB A2L DRAWER

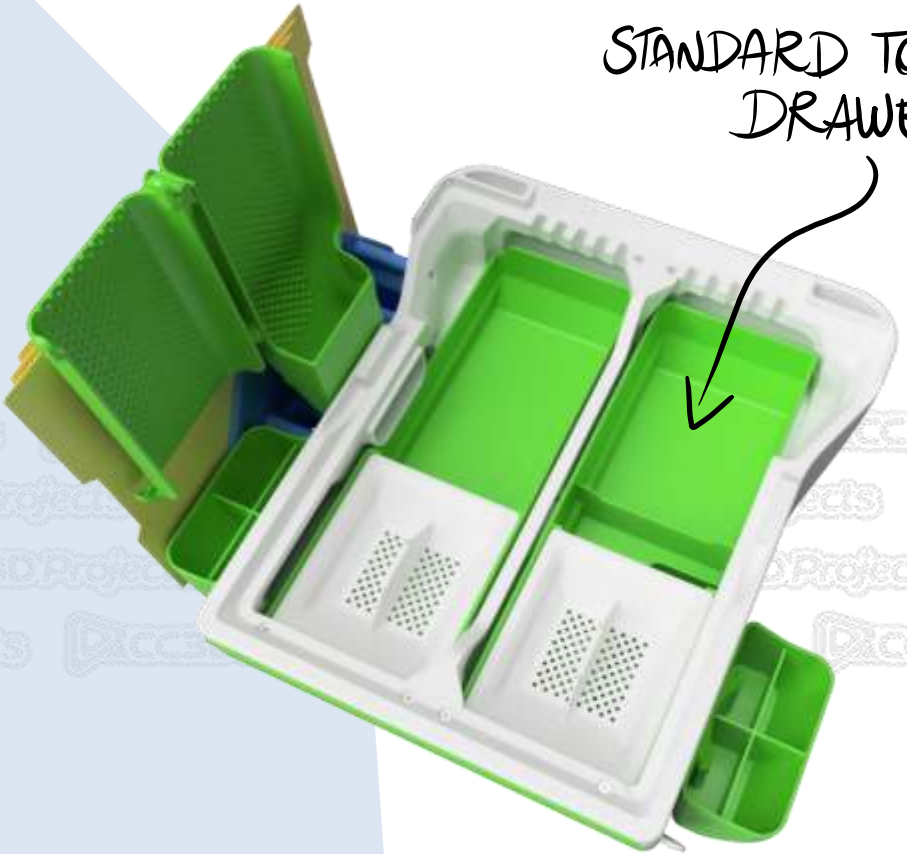
DRAWER FOR BAMBU LAB A2L

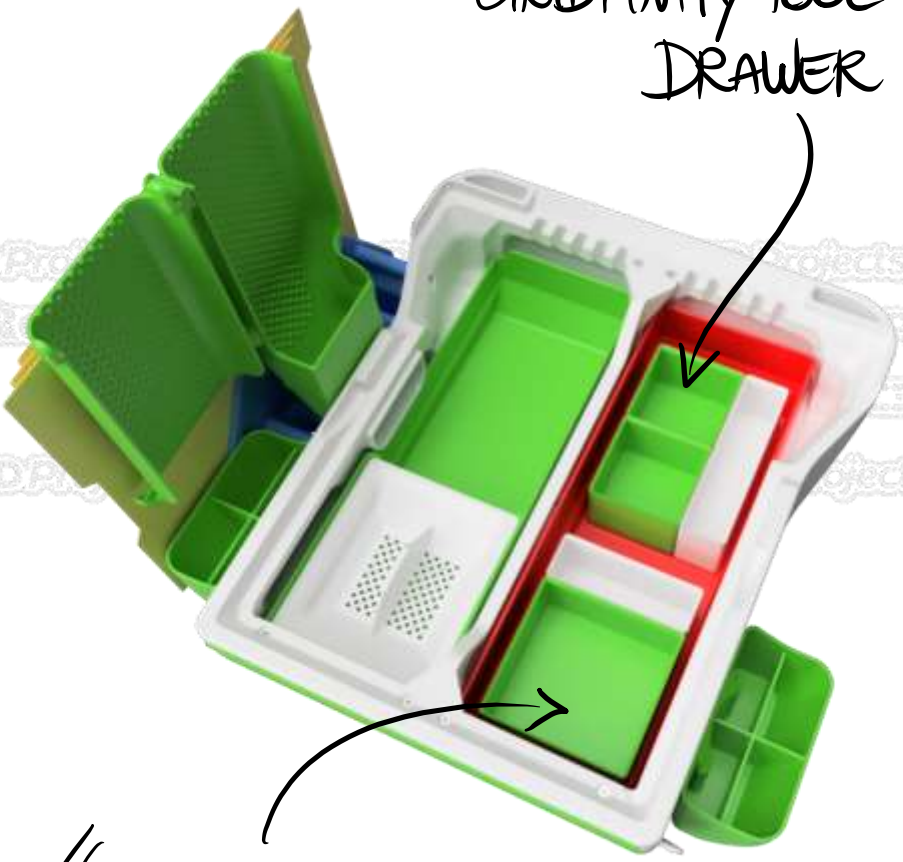
The Drawer is a storage system designed for the Bambu Lab A2L. It keeps tools, build plates, and filament waste neatly organized and includes several useful features:

- Dual front drawers for tools and filament waste
- Two removable tool trays
- Side toolboxes for quick access
- Extendable poop chute
- Build plate holder available in two versions
- Optional Gridfinity-compatible tool drawer

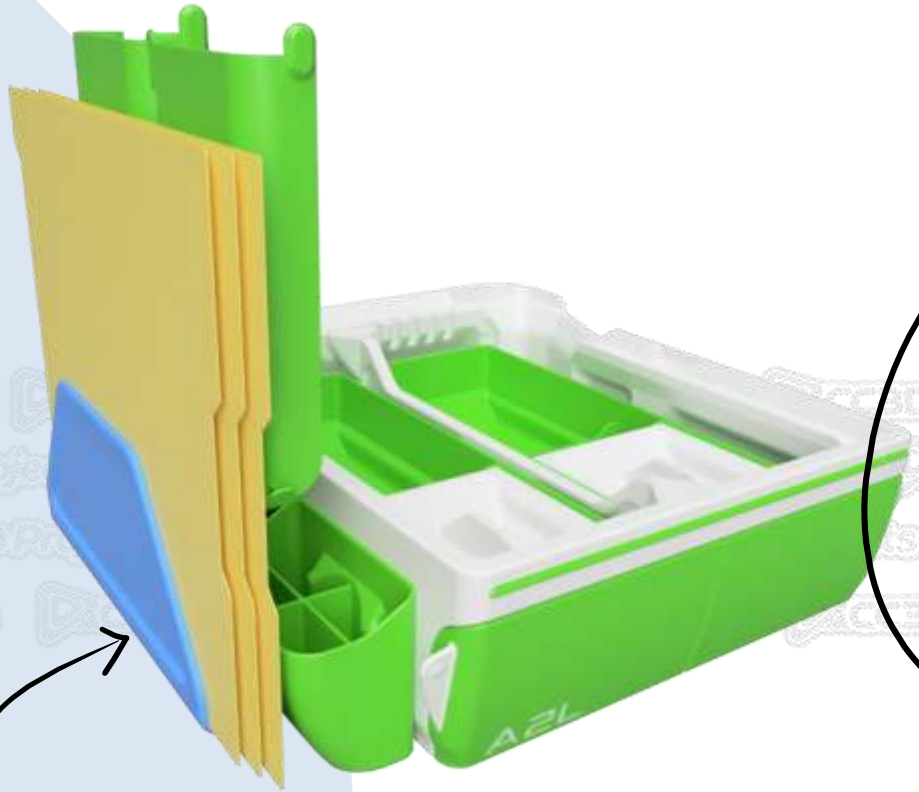
A practical upgrade that keeps everything within easy reach while giving your printer setup a clean, organized look.


EXTENDABLE POOP PIPE
TWO TOOL TRAYS
TOOL DRAWER
FREE GRIDFINITY OPTION
PLATE HOLDER - TWO VERSIONS
TOOL BOX
TOOL BOX
POOP DRAWER
TOOL DRAWER



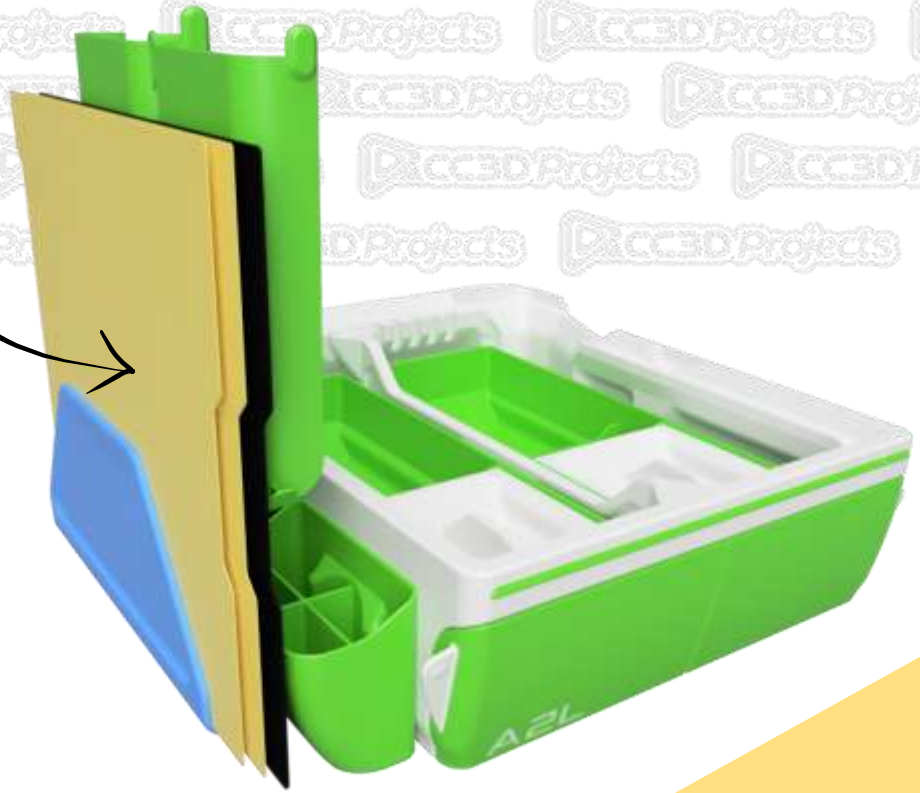


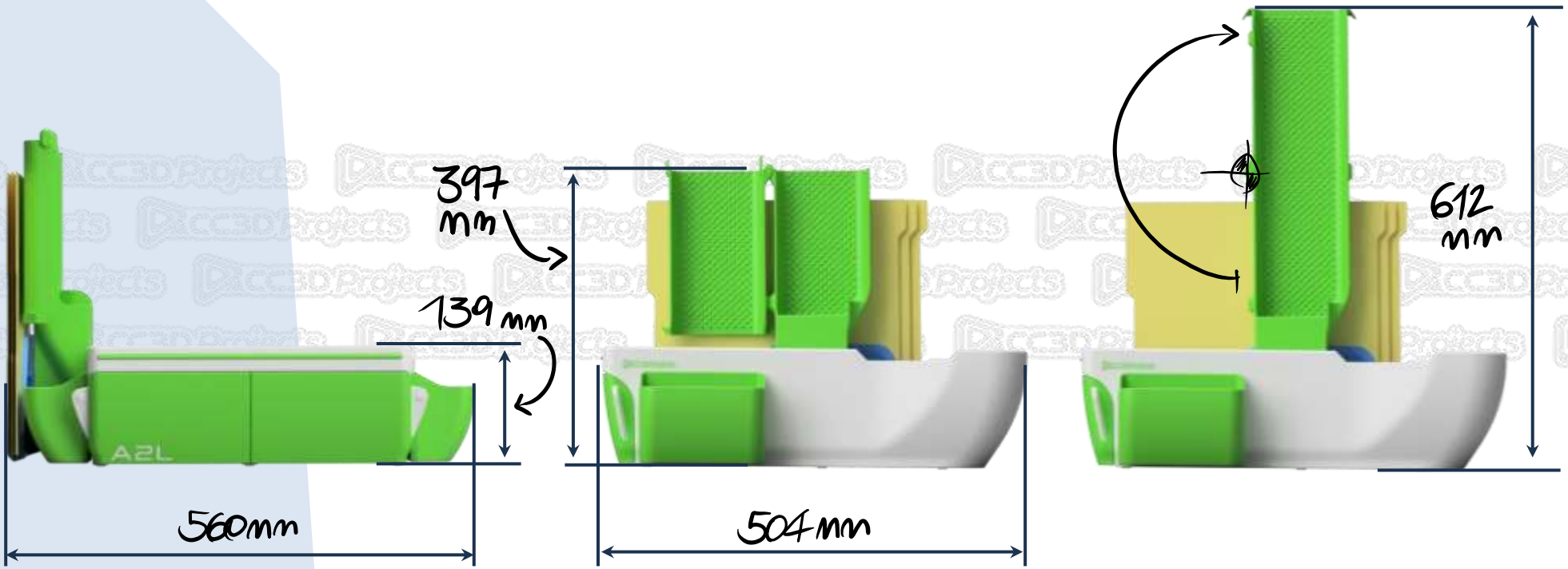
// YOU CAN FIND IT AS A SEPARATE FREE MODEL IN MY SHOP! //



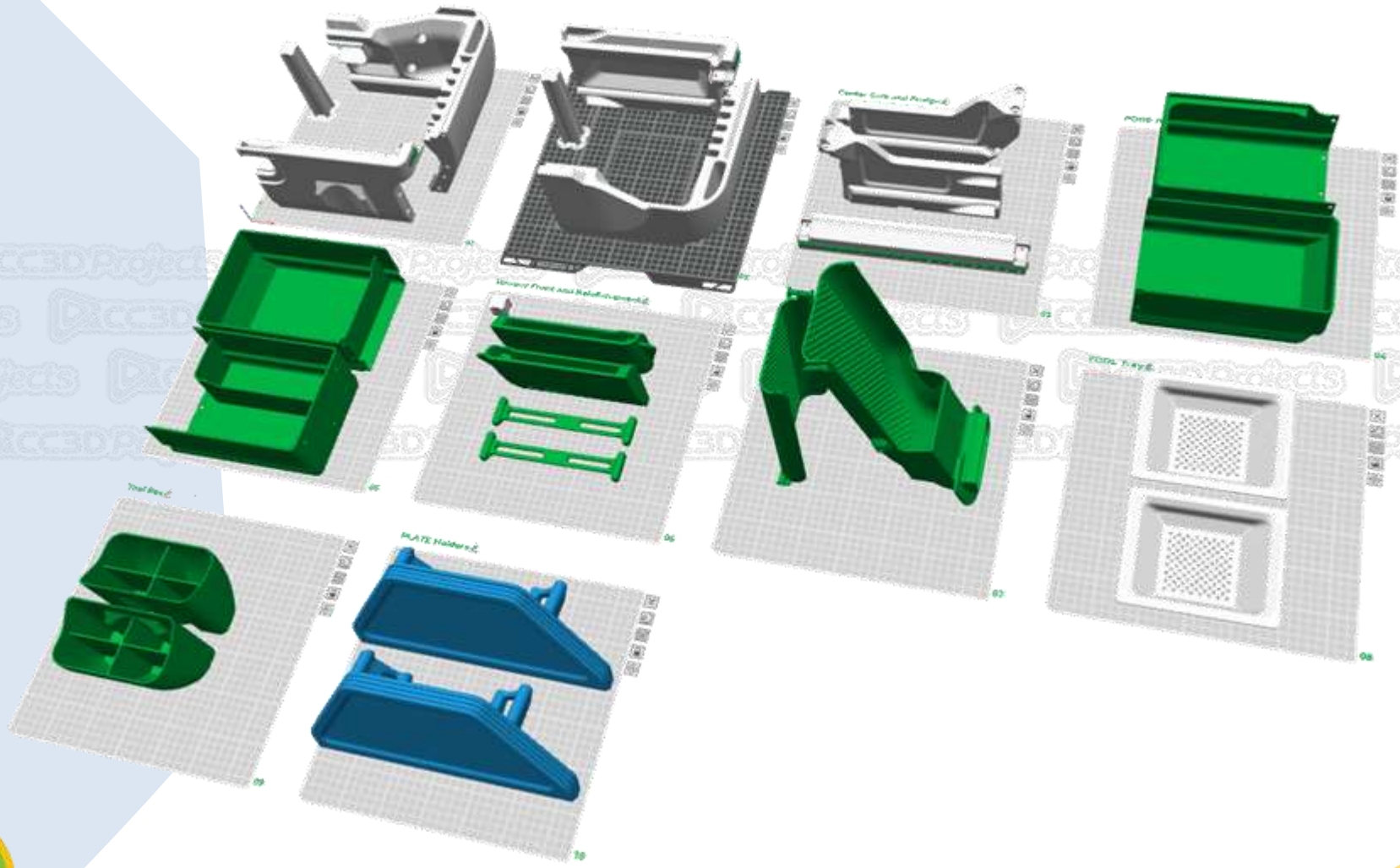
HOLDER FOR
3 STANDARD BUILD PLATES

HOLDER FOR
2 BUILD PLATES
&
1 CUTTING PLATE



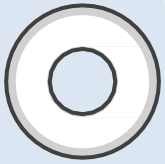
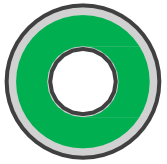
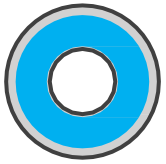


THIS IS HOW THE PLATES ARE ARRANGED



B.O.M.

FILAMENT REQUIRED FOR A STANDARD CONFIGURATION

PETG	PETG	PETG
		
1,6 KG	1,6KG	390G

PRINT TIME:

6D 12H 10M

REQUIRED HARDWARE:

SCREW M4 x 14mm — 27 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 — 14 UNITS

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

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.

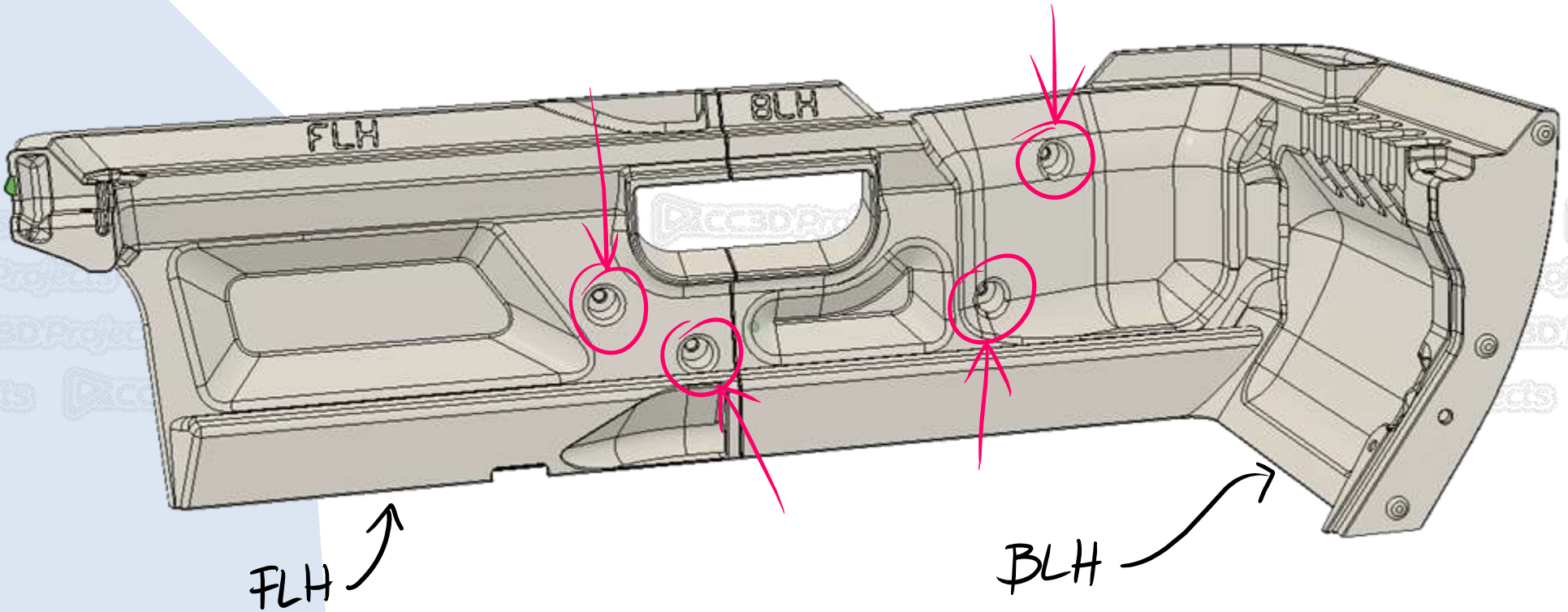
4. **USE A GRIPPY PRINT BED**

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.

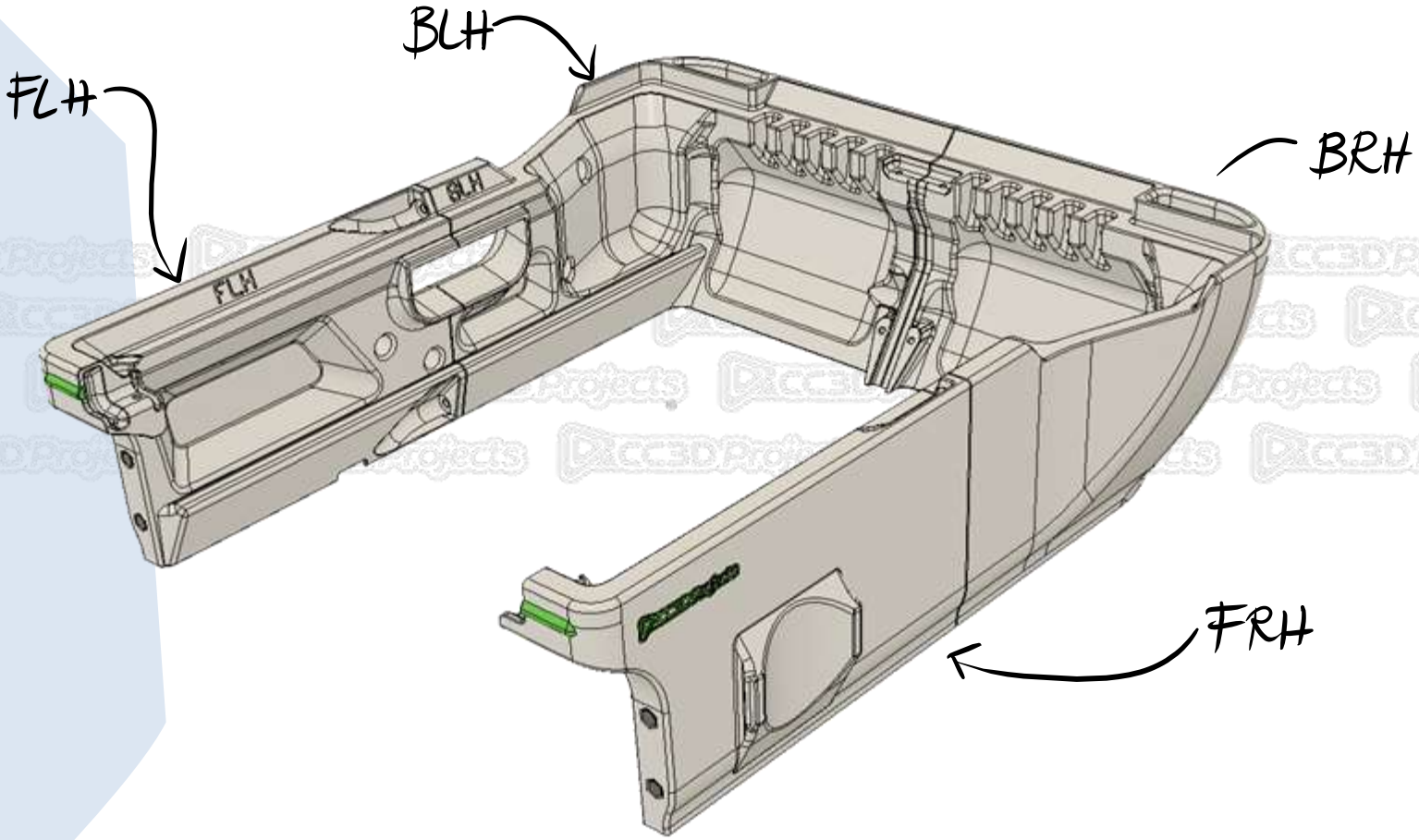
SLICER SETTINGS:

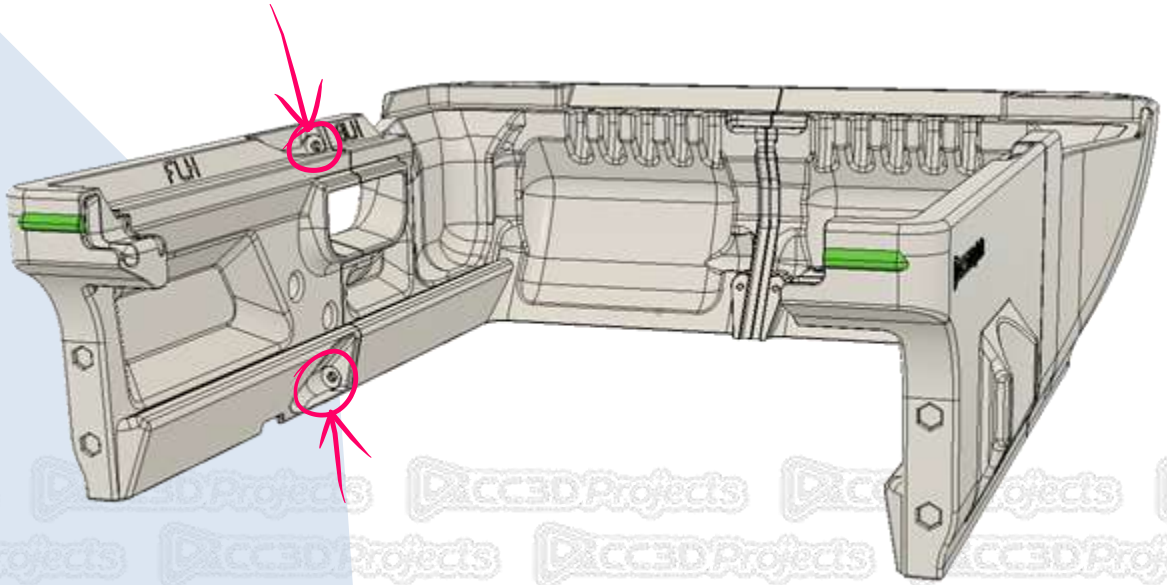
2 WALLS - 2 TOP LAYERS - 2 BOTTOM LAYERS
INFILL: GYROID 9%
SUPPORTS: TREE (MANUAL) — TREE HYBRID

IF YOU INTEND TO INSTALL THE PLATE HOLDER, NOW IS TIME TO PRE-DRILL THE INDICATED HOLES USING A 4mm DRILL BIT.



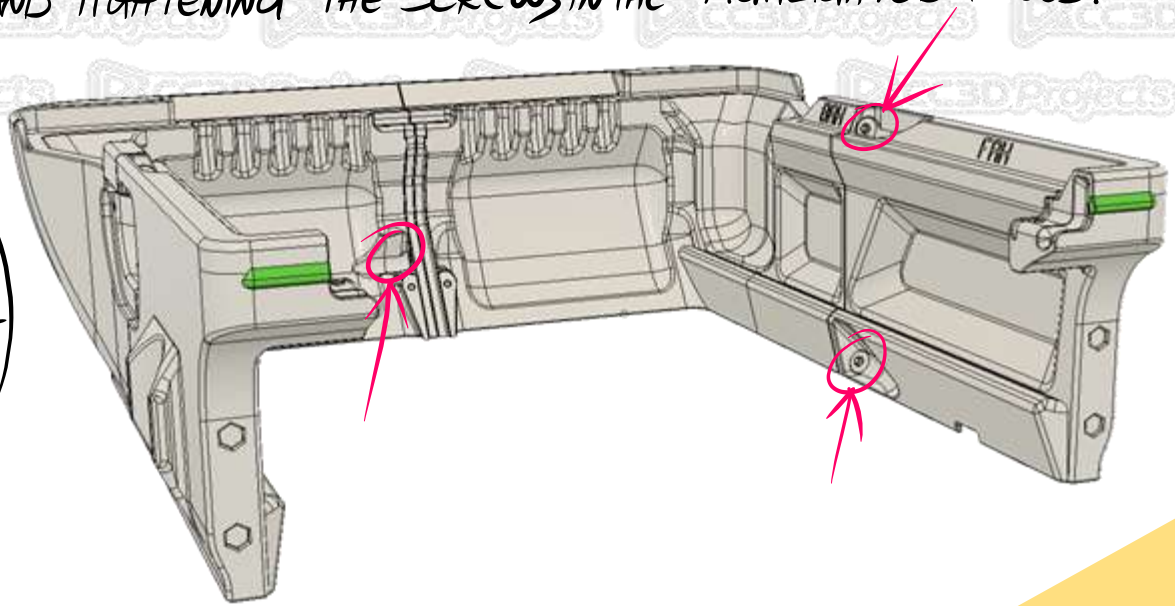
HERE'S HOW TO ASSEMBLE THE MAIN OUTER FRAME PARTS.





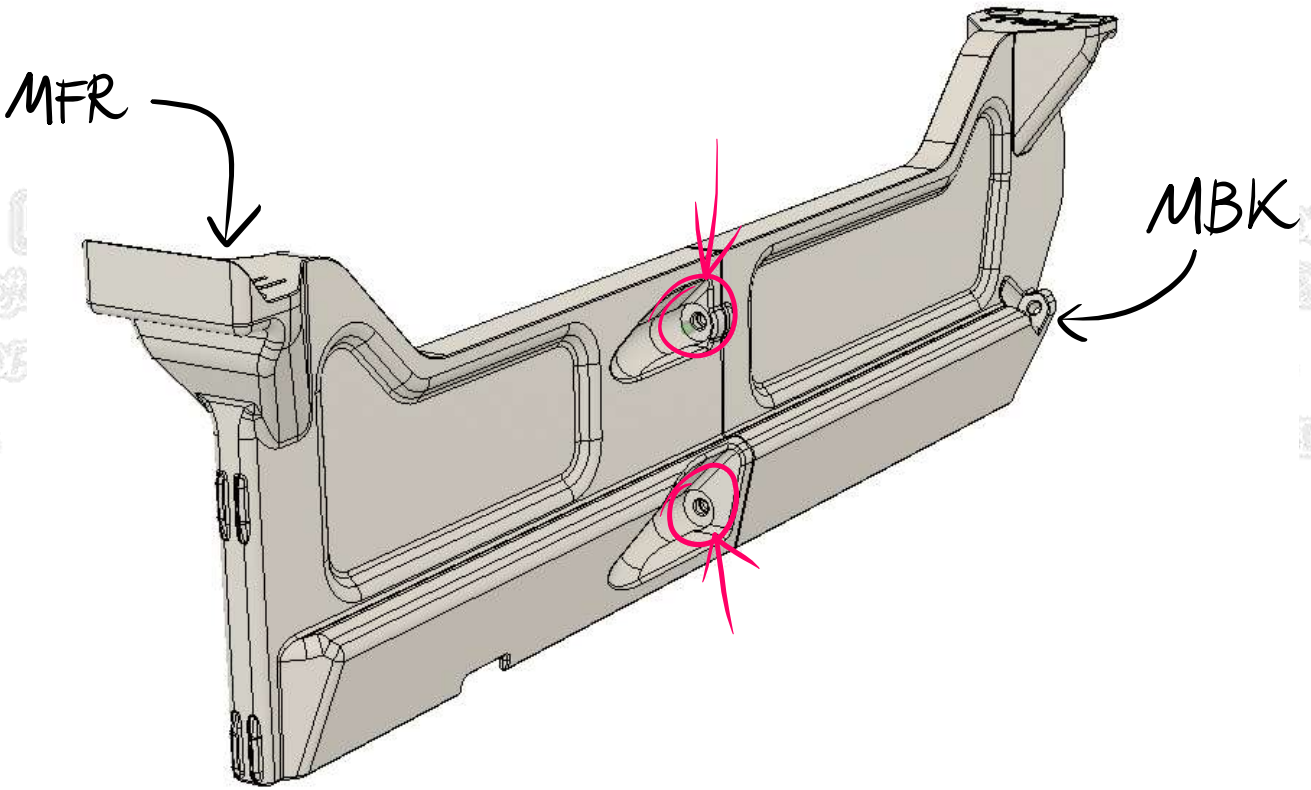
5 SCREWS REQUIRED

SECURE THESE PARTS BY INSERTING AND TIGHTENING THE SCREWS IN THE HIGHLIGHTED HOLES.

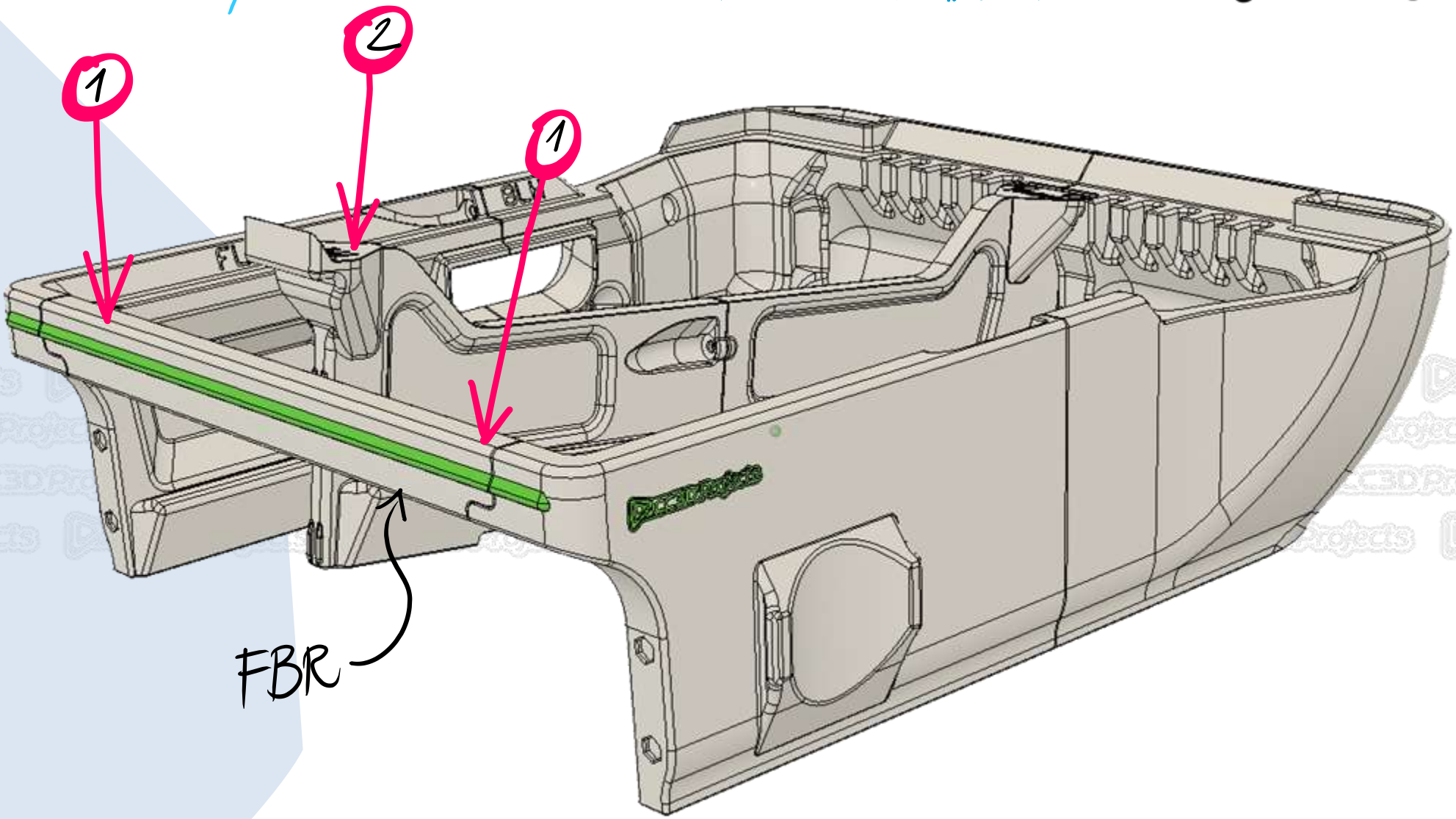


(TO MAKE THE ASSEMBLY EASIER, I RECOMMEND USING A BALL-END ALLEN KEY, IF YOU CHOOSE HEX SOCKET SCREWS.)

2 SCREWS REQUIRED

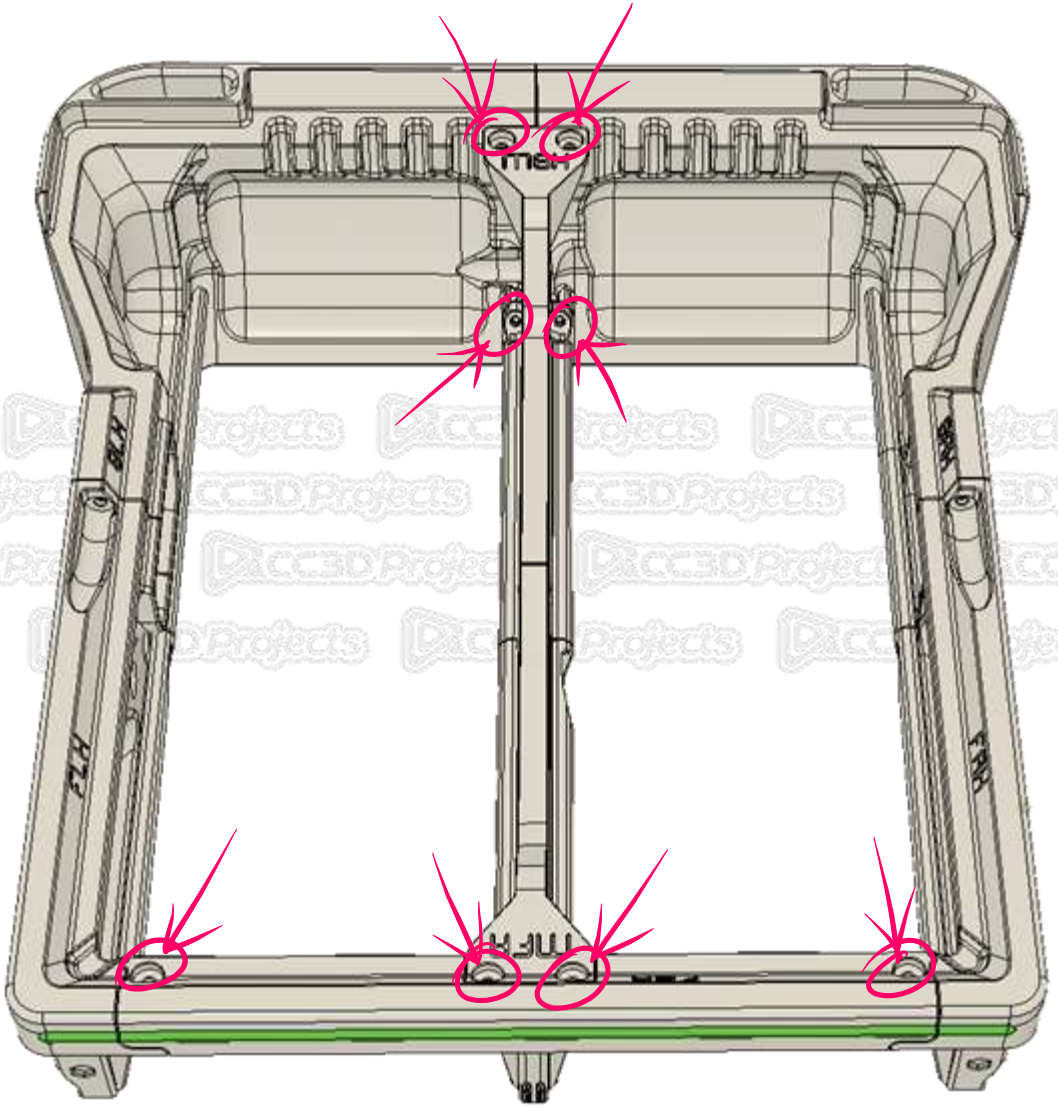


SECURE THESE PARTS BY INSERTING AND TIGHTENING THE SCREWS IN THE HIGHLIGHTED HOLES.



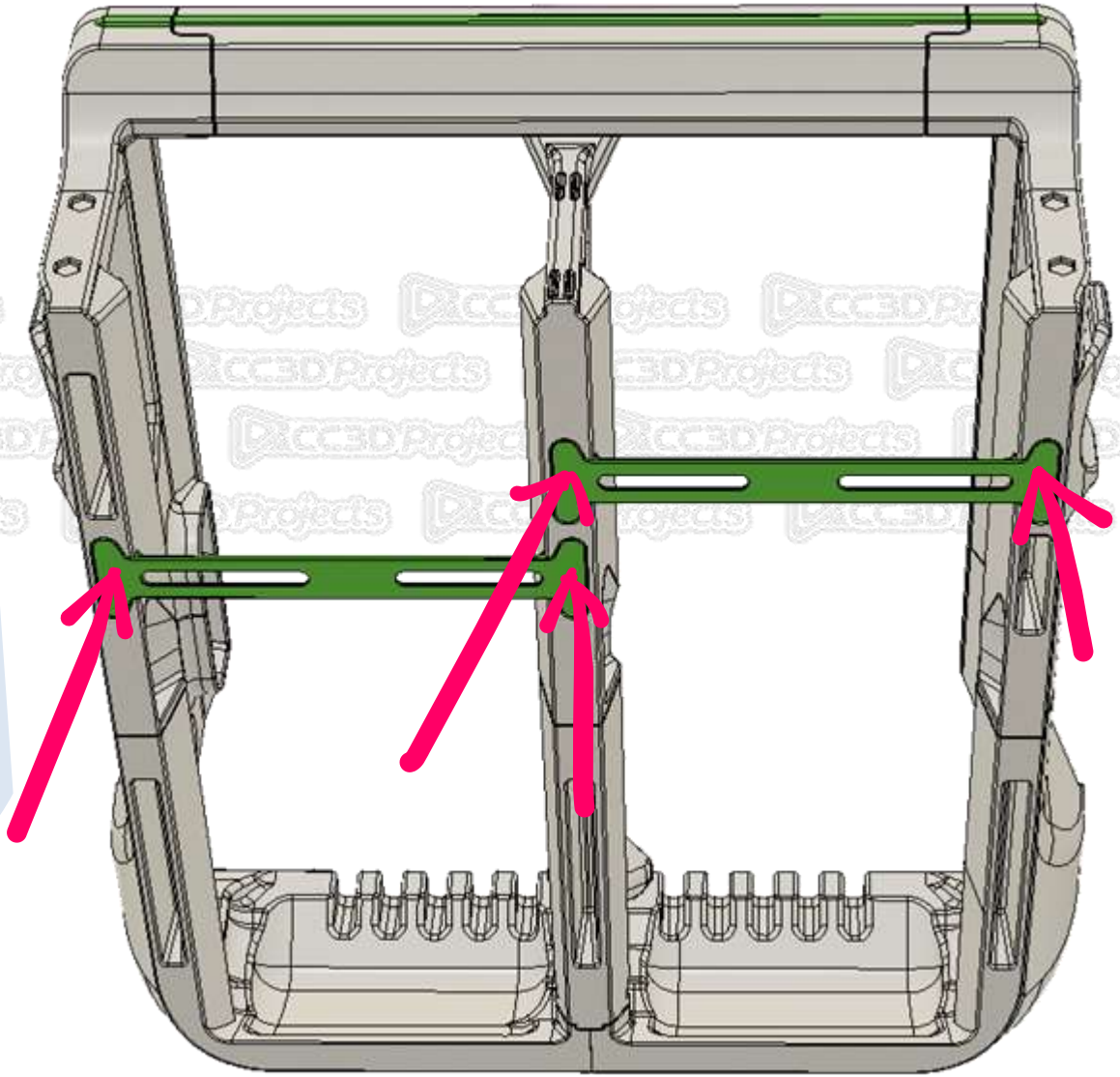
INSTALL THE FRONT BRIDGE, THEN SLIDE THE CENTER WALL UNTIL IT SNAPS INTO PLACE.

8 SCREWS REQUIRED



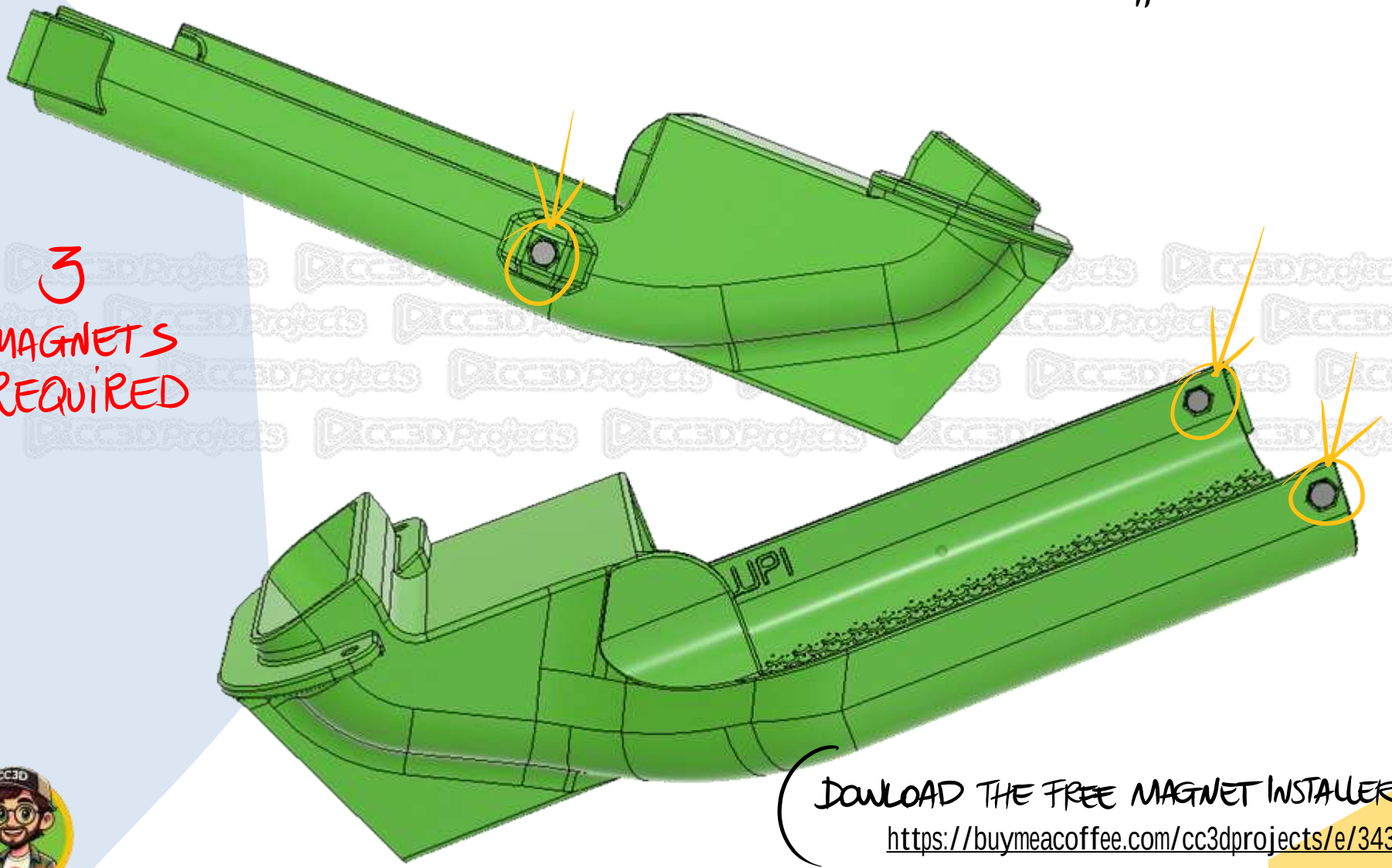
SECURE THESE PARTS BY INSERTING AND TIGHTENING THE SCREWS IN THE HIGHLIGHTED HOLES.

SNAP THE TWO REINFORCEMENTS INTO THE LOWER HOLES.
THEY'RE IDENTICAL, SO YOU CAN'T MIX THEM UP!



TAKE THE LOWER PIPE SECTION AND INSTALL THE MAGNETS IN THE HIGHLIGHTED HOLES USING MAGNET INSTALLER "A".

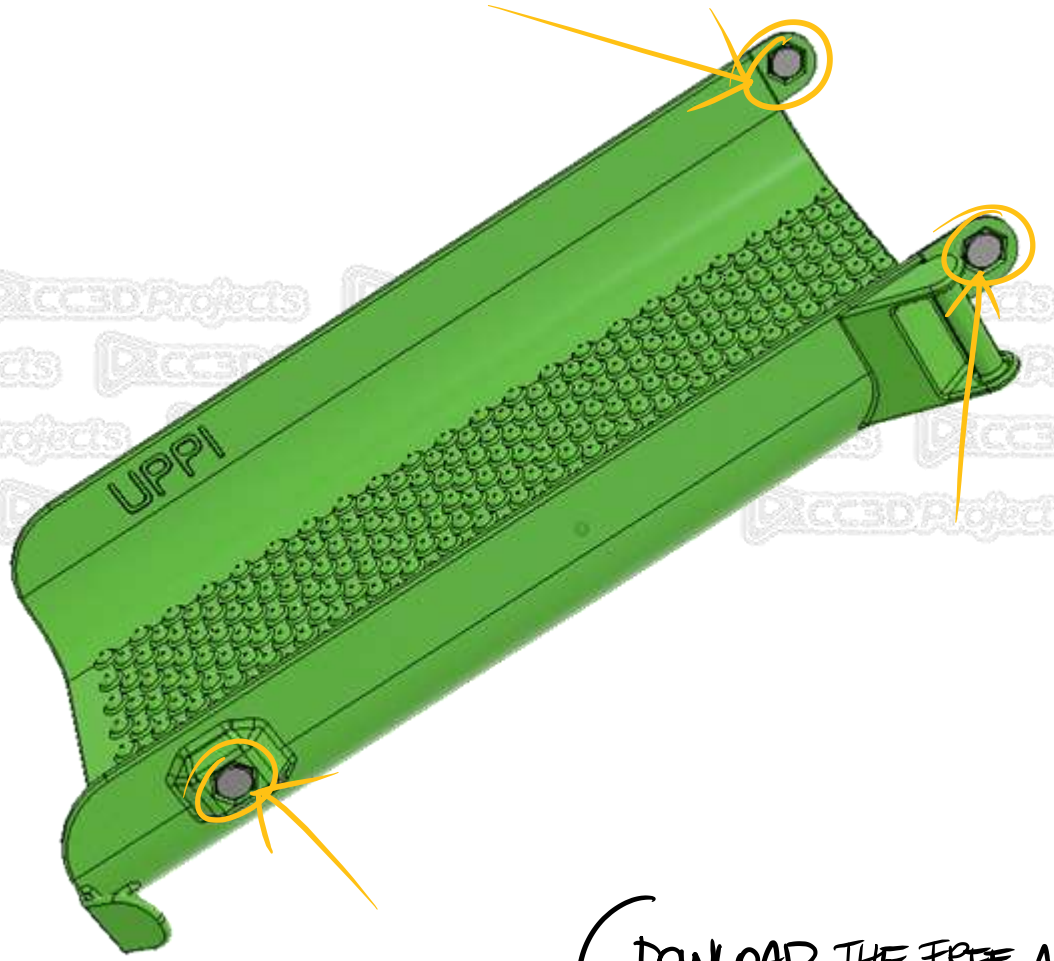
3 MAGNETS REQUIRED



DOWNLOAD THE FREE MAGNET INSTALLERS HERE
https://buymeacoffee.com/cc3dprojects/e/343896

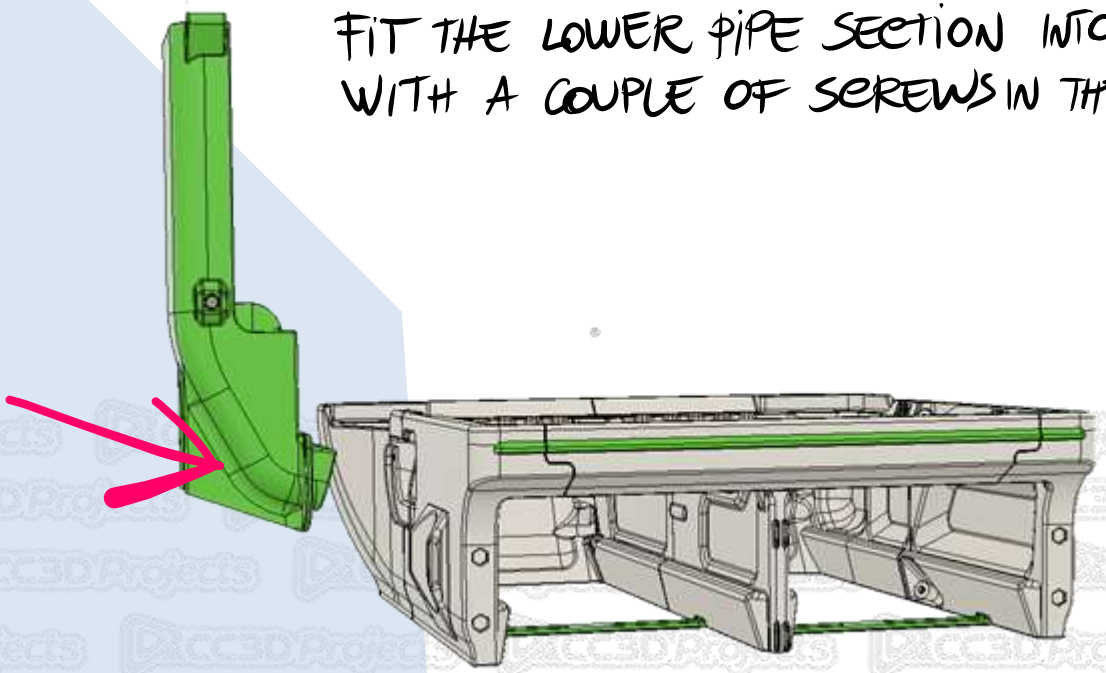
TAKE THE UPPER PIPE SECTION AND INSTALL THE MAGNETS IN THE HIGHLIGHTED HOLES USING MAGNET INSTALLER "B".

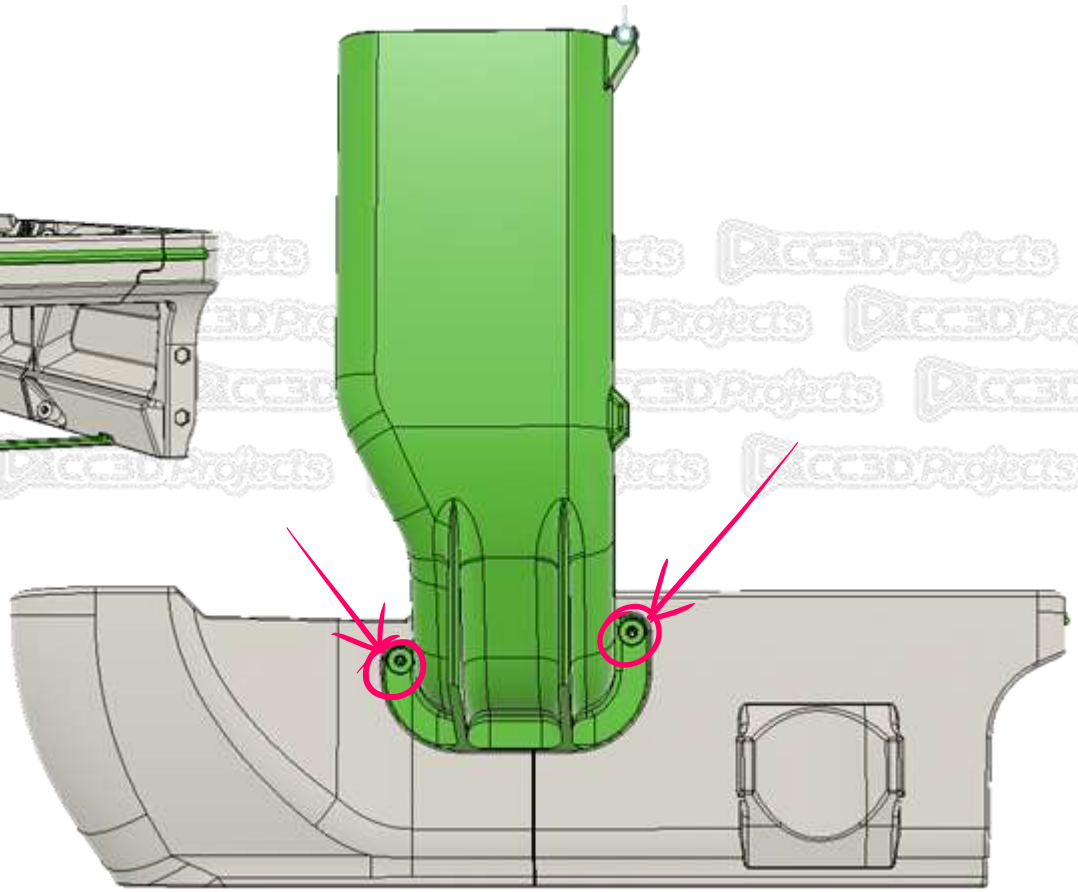
3 MAGNETS REQUIRED



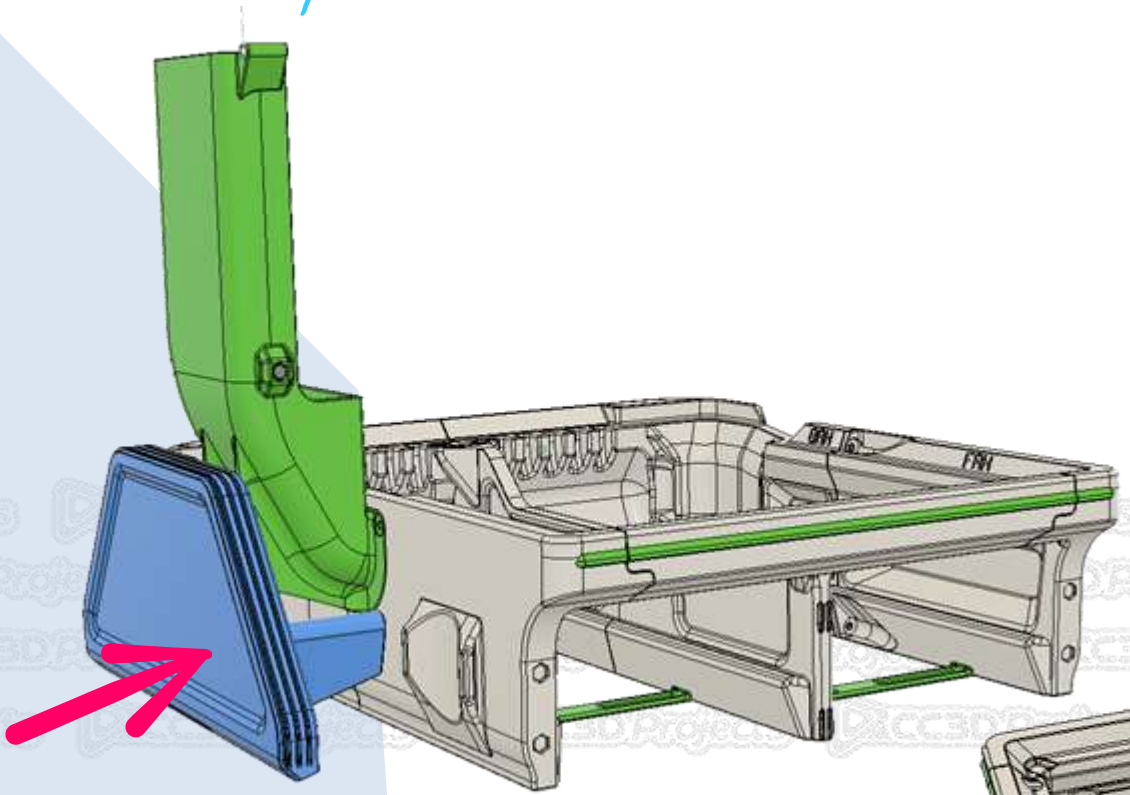
DOWNLOAD THE FREE MAGNET INSTALLERS HERE
https://buymeacoffee.com/cc3dprojects/e/343896

FIT THE LOWER PIPE SECTION INTO THE FRAME, THEN SECURE IT WITH A COUPLE OF SCREWS IN THE INDICATED HOLES.

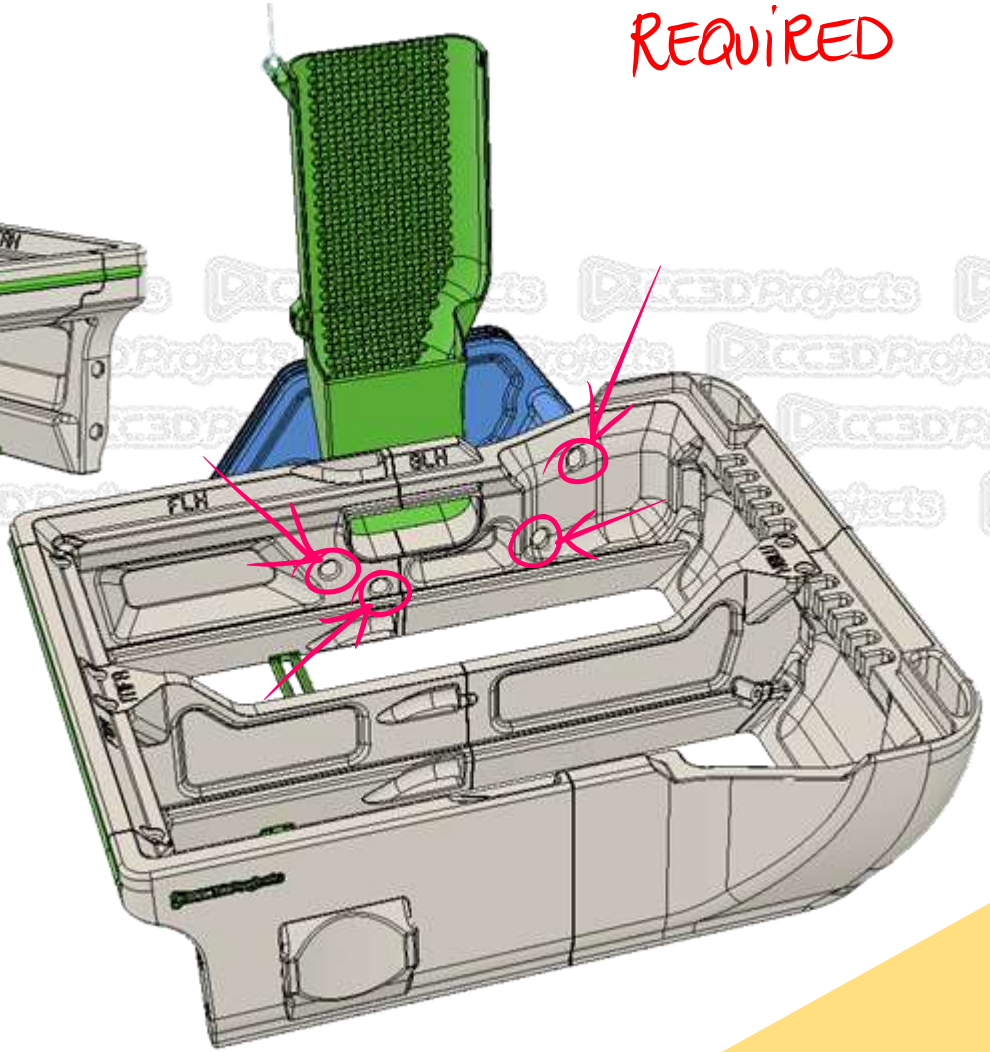




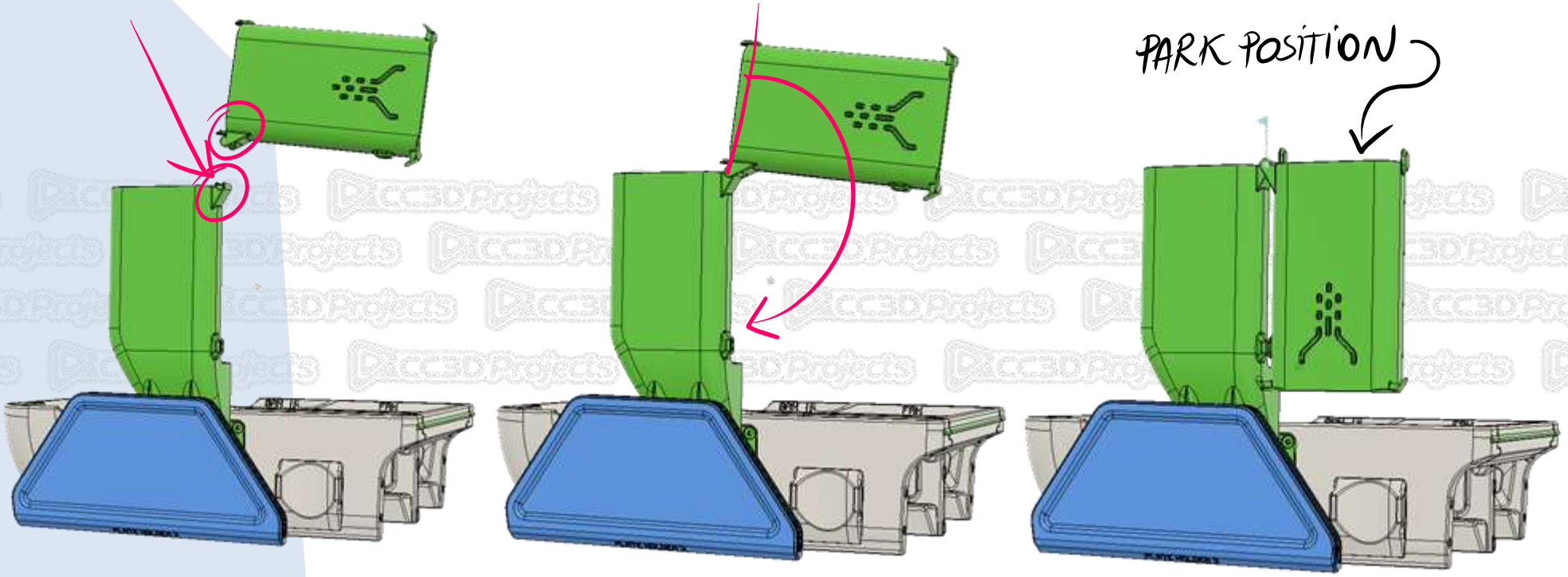
2 SCREWS REQUIRED



4 SCREWS REQUIRED



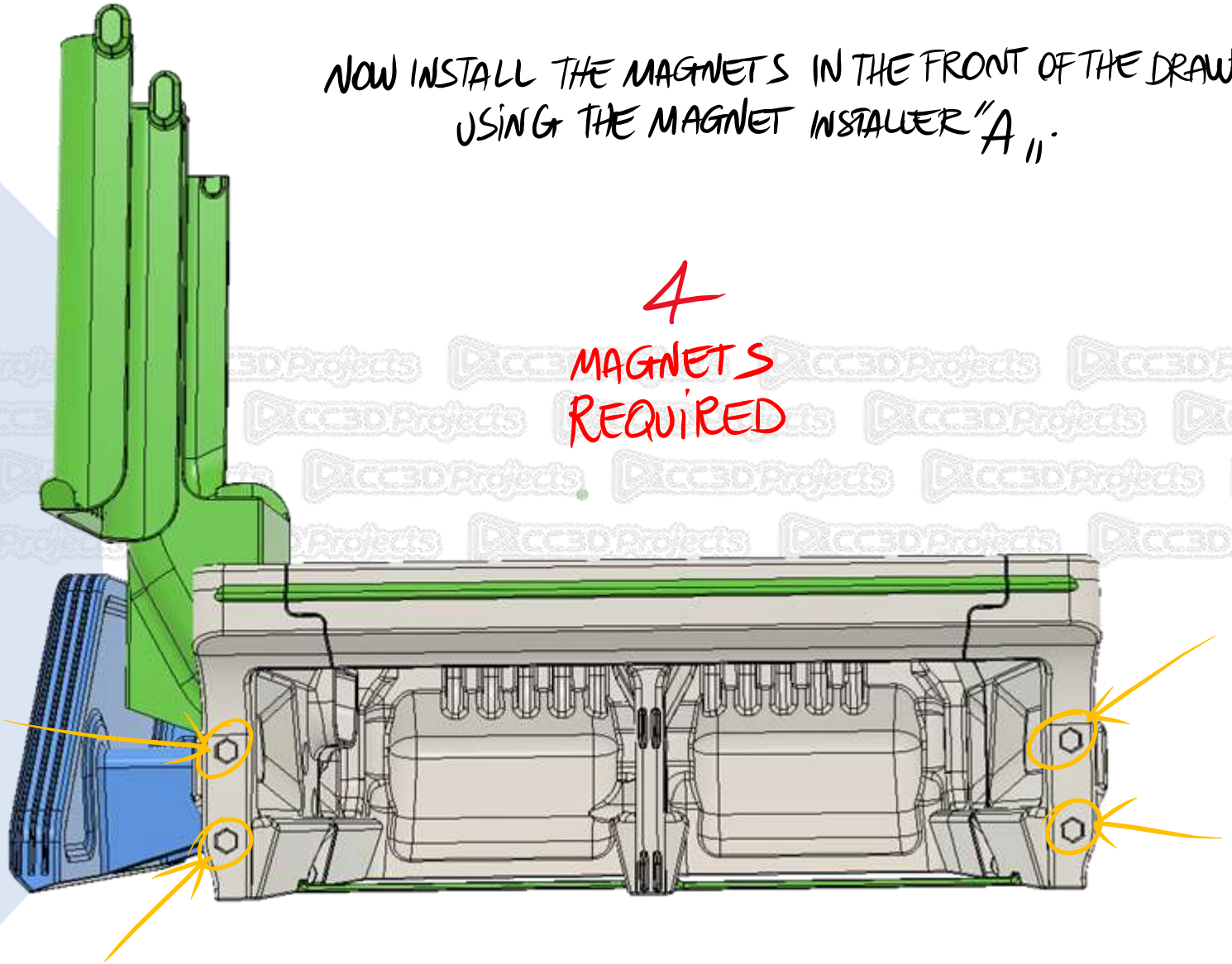
IF YOU PLAN TO USE THE PLATE HOLDER, INSTALL IT **NOW** USING THE SCREWS IN THE HIGHLIGHTED HOLES.



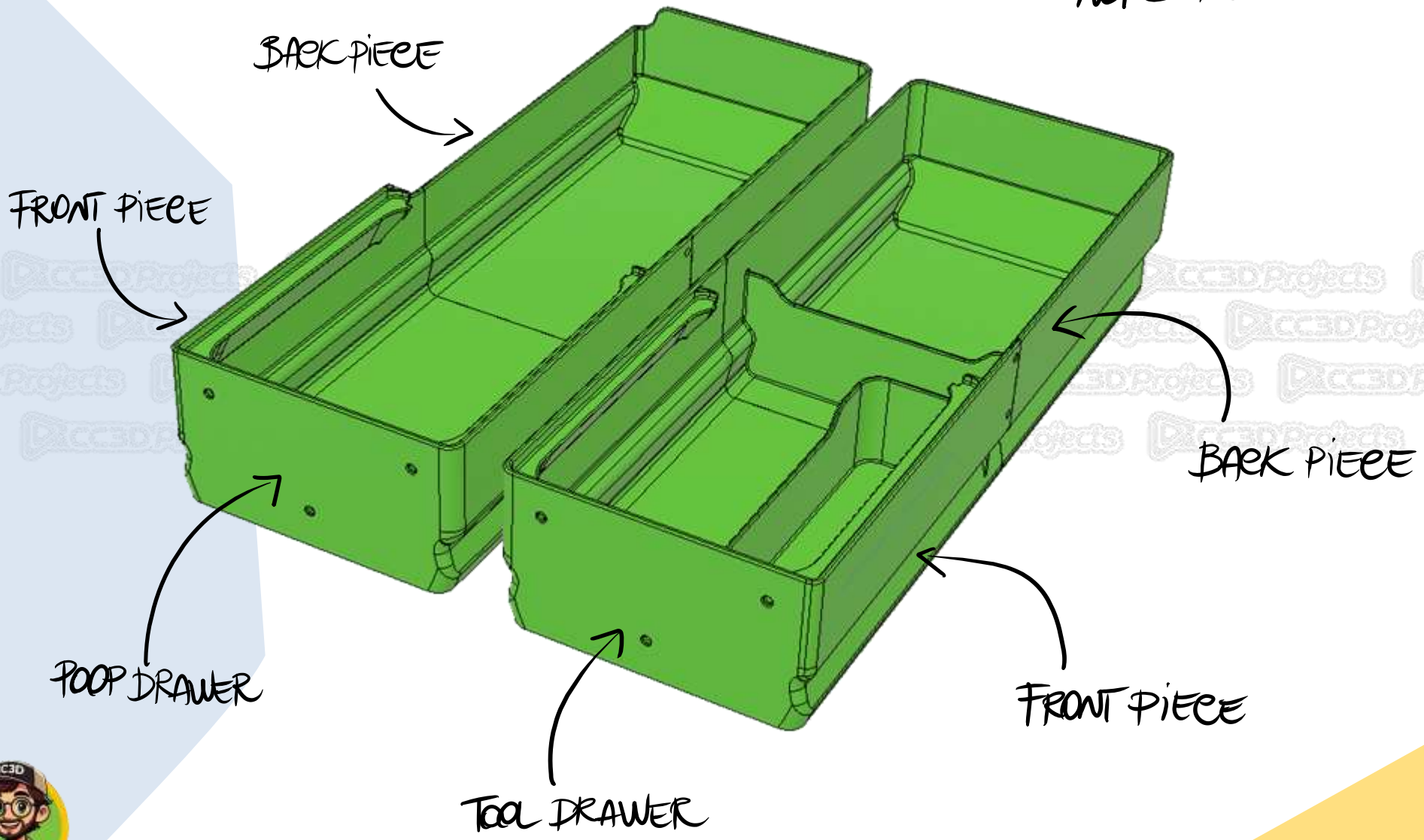
JOIN THE TWO PIPE SECTIONS BY SLIDING THE UPPER SECTION ONTO THE PIN,
THEN ROTATE IT DOWNWORD INTO PARK POSITION

NOW INSTALL THE MAGNETS IN THE FRONT OF THE DRAWER UNIT USING THE MAGNET INSTALLER "A".

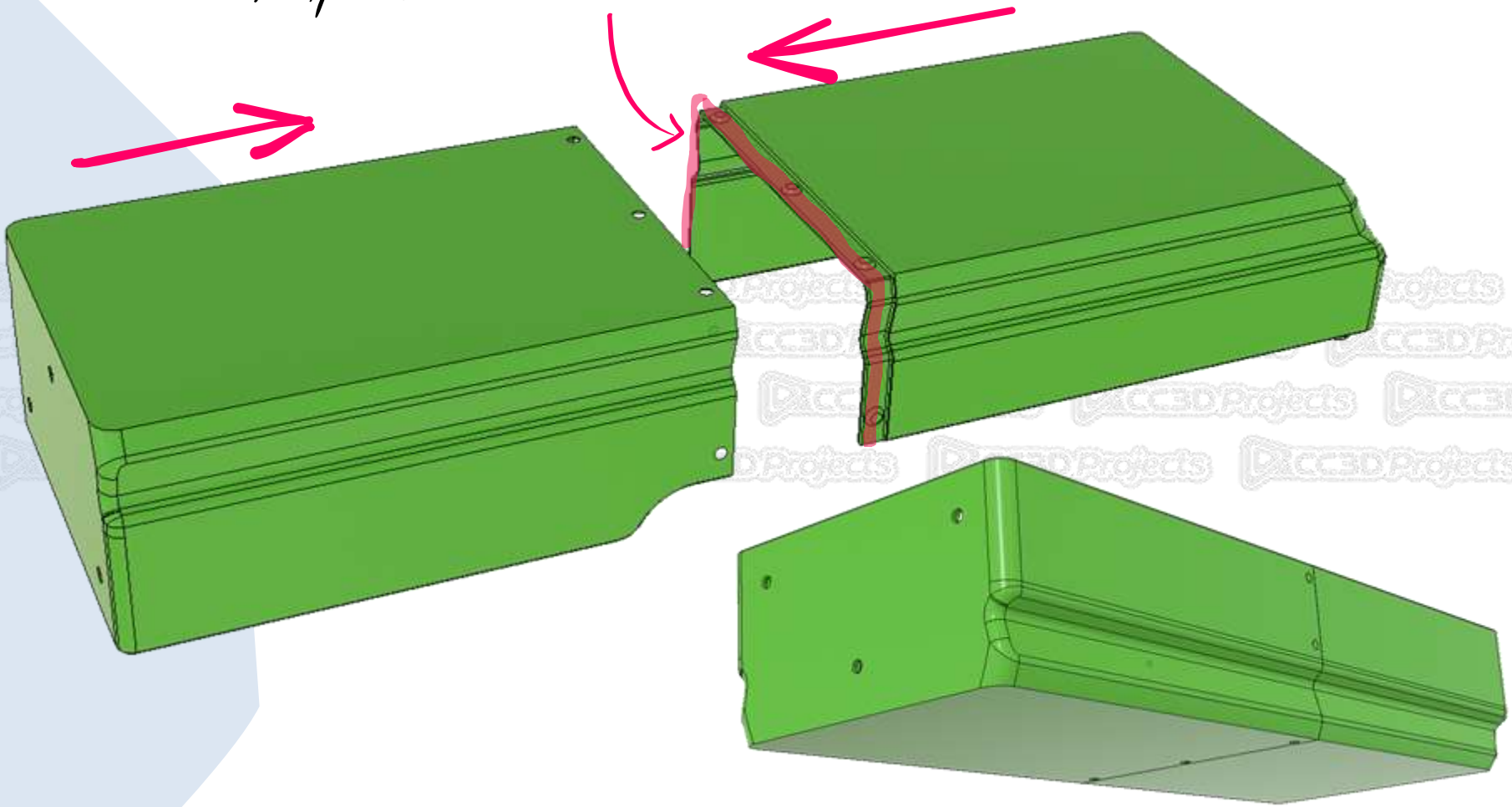
4 MAGNETS REQUIRED



EACH DRAWER CONSISTS OF TWO PARTS, THESE PARTS MUST BE GLUED TOGETHER, NOT SCREWED.



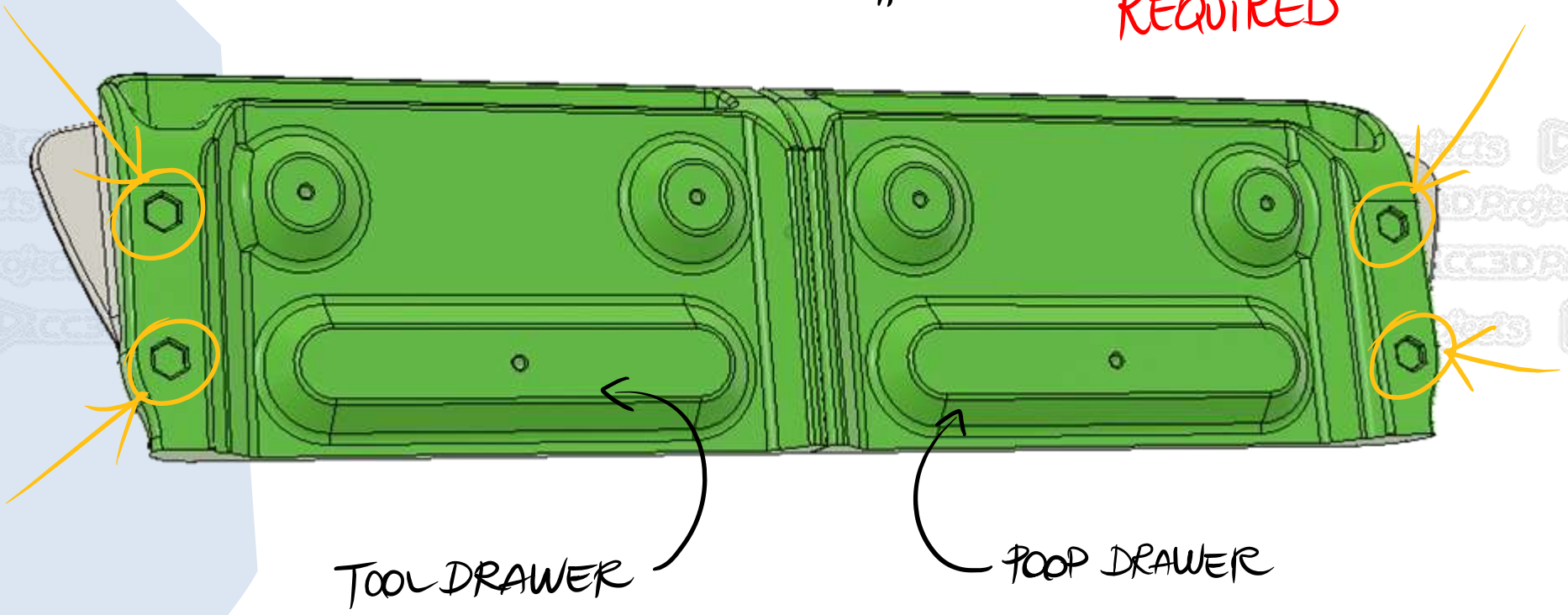
APPLY GLUE ALONG EDGE "A", FIT THE PARTS TOGETHER, AND THEN SPRAY THE GLUE ACCELERATOR



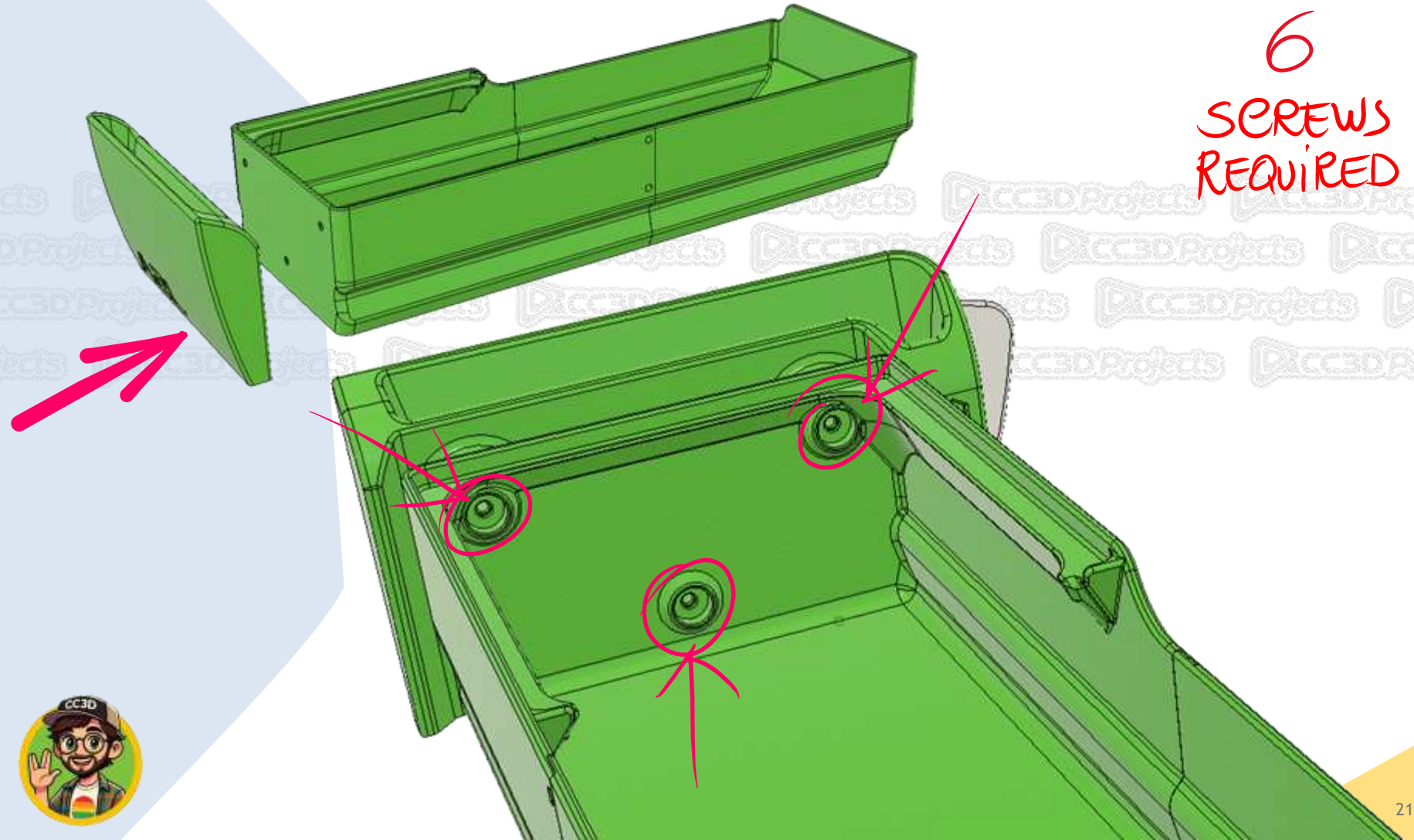
QUICK TIP: REMOVE ALL DEBRIS FIRST, DRY-FIT THE PARTS BEFORE GLUING TO MAKE SURE EVERITHING LINES UP PERFECTLY.

NOW INSTALL THE MAGNETS IN THE DRAWER FRONTS USING THE MAGNET INSTALLER "B".

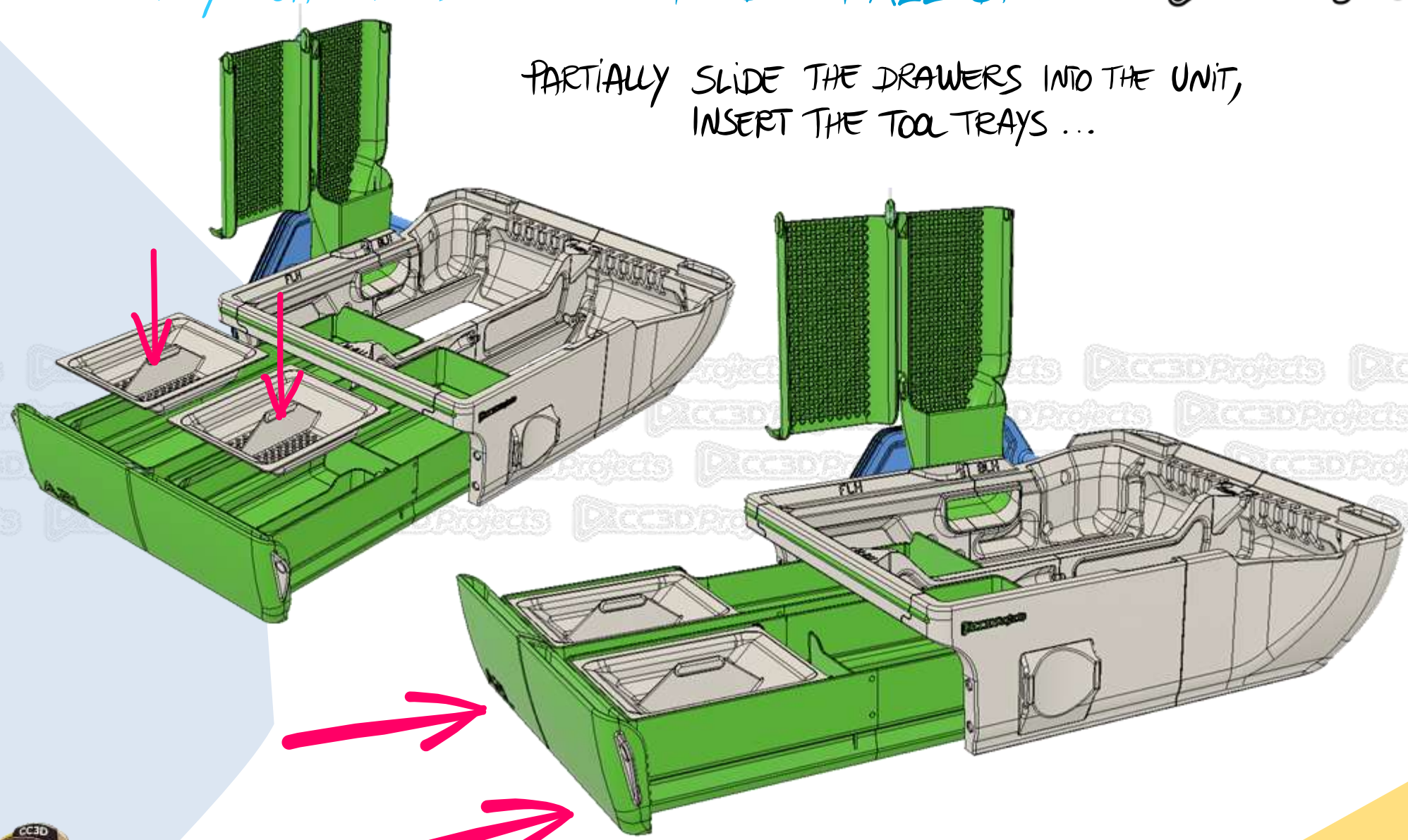
4 MAGNETS REQUIRED



ATTACH EACH FRONT PANEL TO ITS DRAWER USING THE SCREWS IN THE HIGHLIGHTED HOLES.

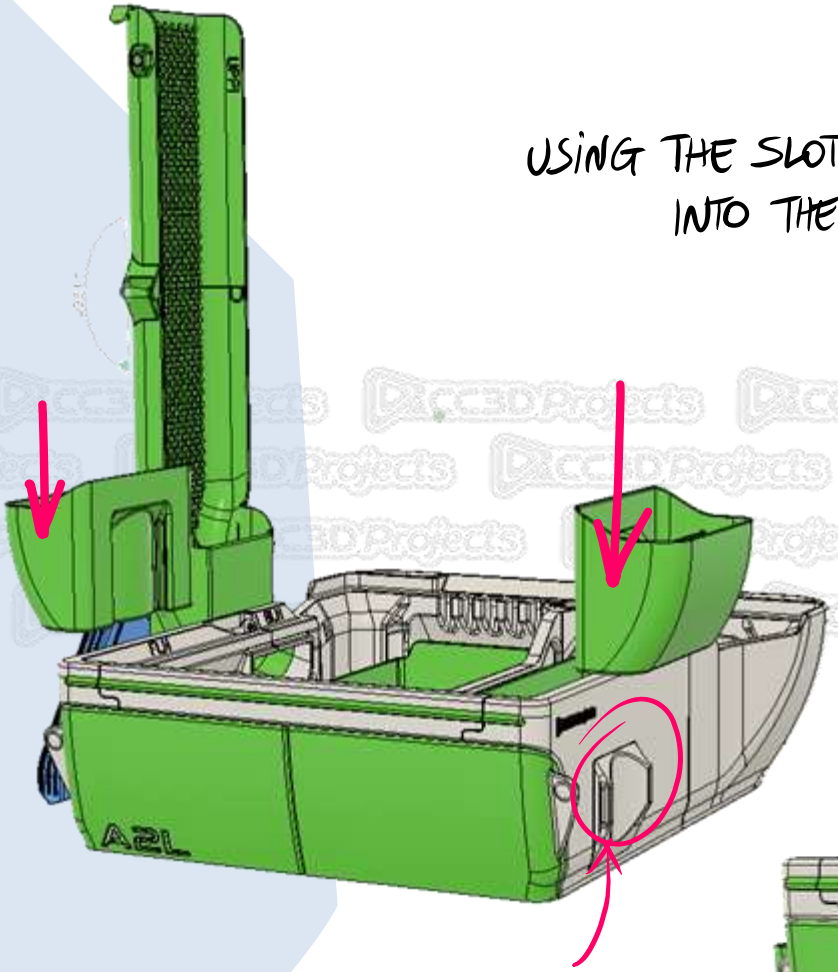


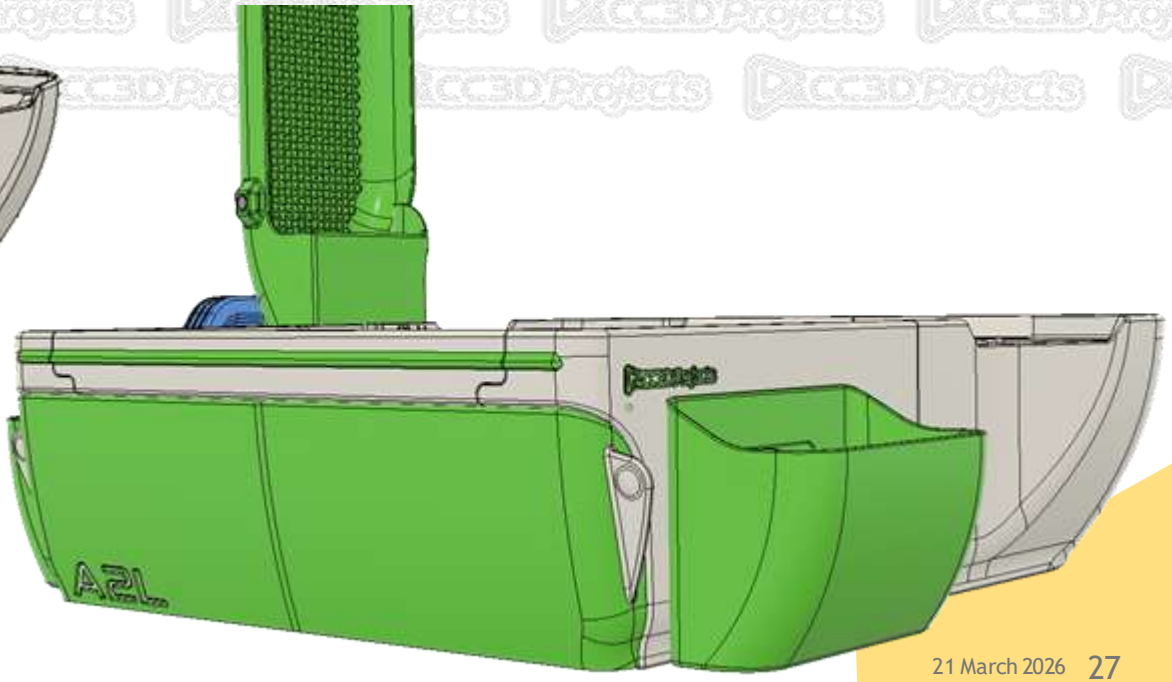
PARTIALLY SLIDE THE DRAWERS INTO THE UNIT, INSERT THE TOOL TRAYS ...



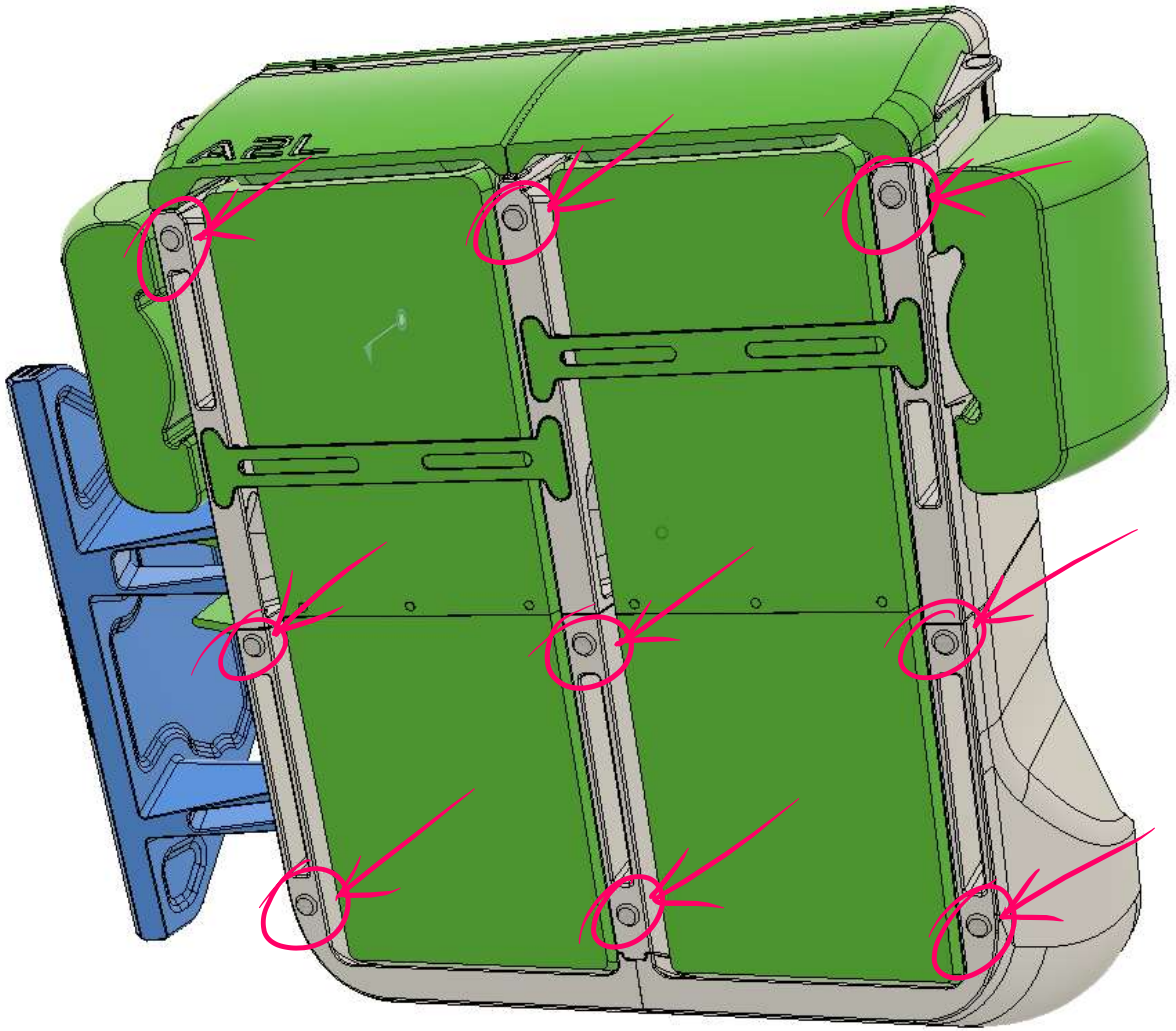
... THEN PUSH THE DRAWERS ALL THE WAY IN UNTILL THEY ARE FULLY CLOSED.

USING THE SLOTS AND GUIDES, SLIDE THE TOOLBOXES INTO THE SIDES OF THE DRAWER UNIT





ATTACH SELF-ADHESIVE SILICONE FEET OF YOUR CHOICE IN THE POSITION SHOWN.
I USED CLEAR FEET MEASURING Ø12mm x 3mm.

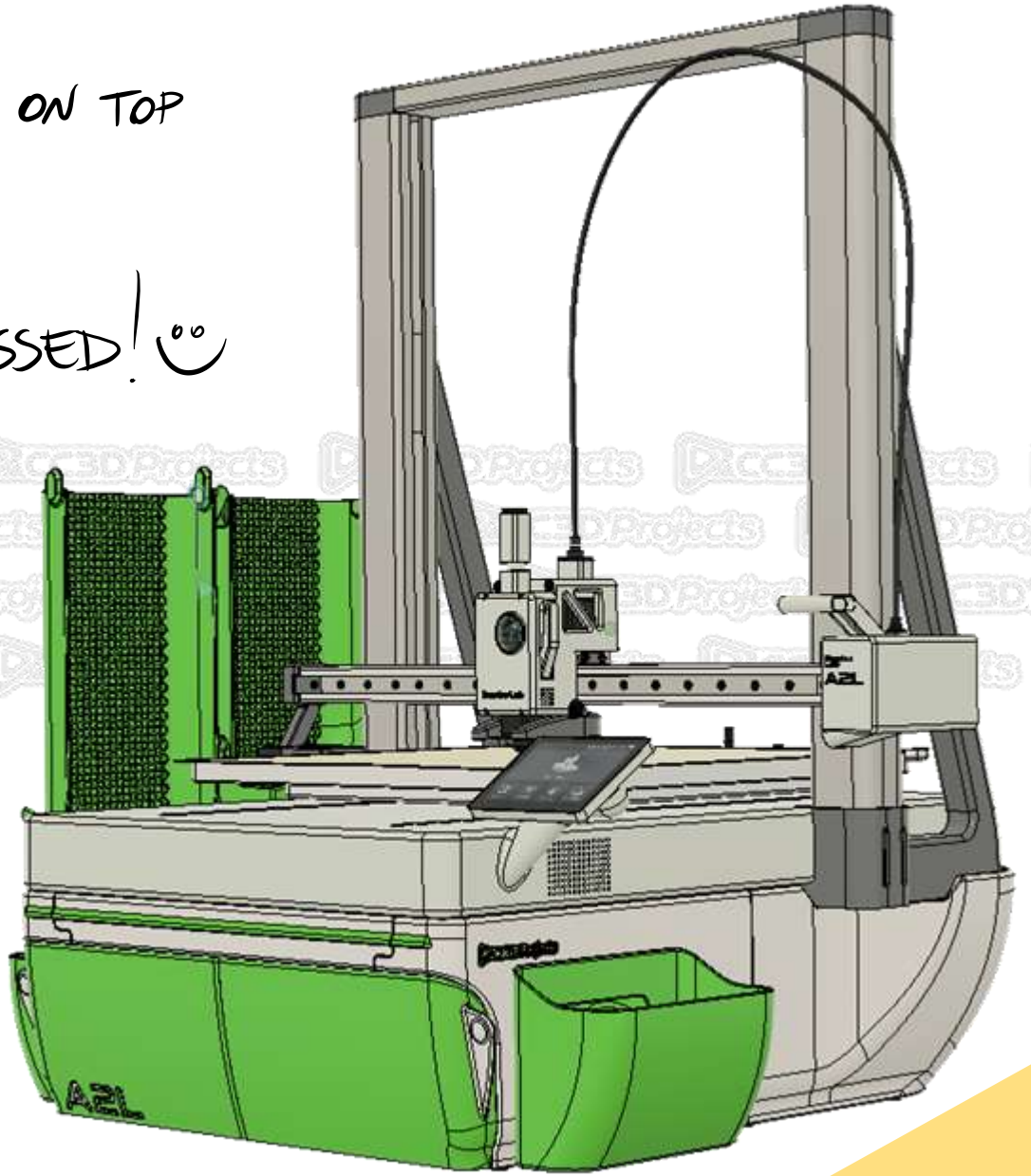


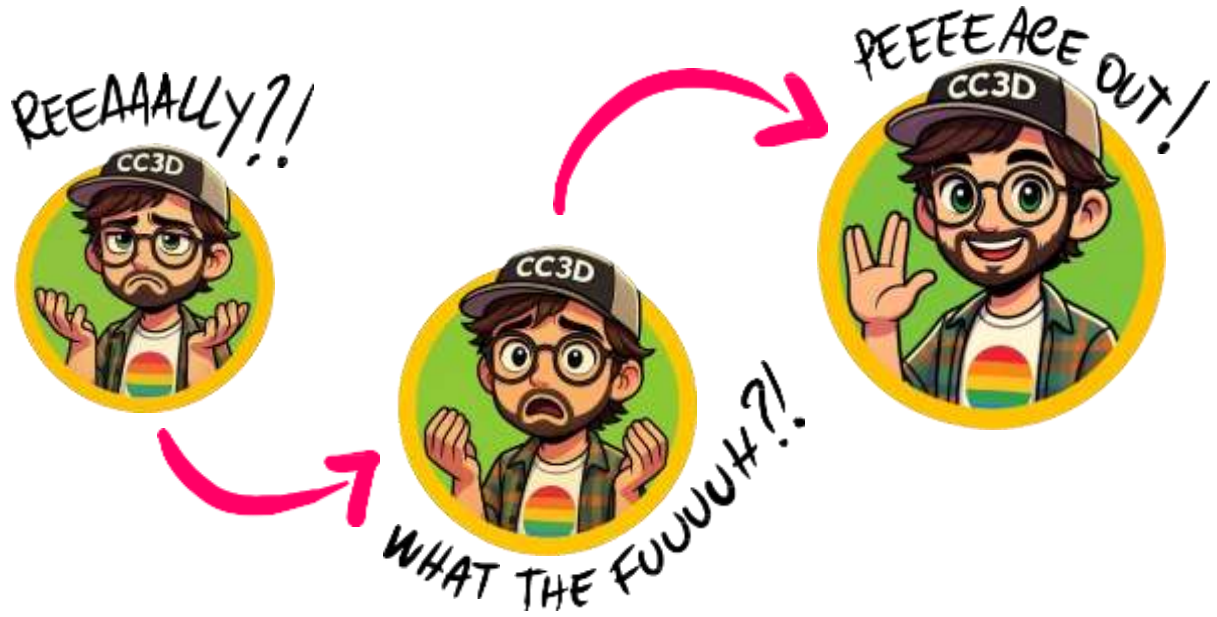
CAREFULLY PLACE THE A2L ON TOP OF THE DRAWER UNIT.

IT SHOULD FIT LIKE A GLOVE!

FINGERS CROSSED! ☺

IMPORTANT:
TO AVOID INJURY OR DAMAGE TO THE PRINTER OR DRAWER UNIT, ASK SOMEONE TO HELP YOU WITH THIS STEP!





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