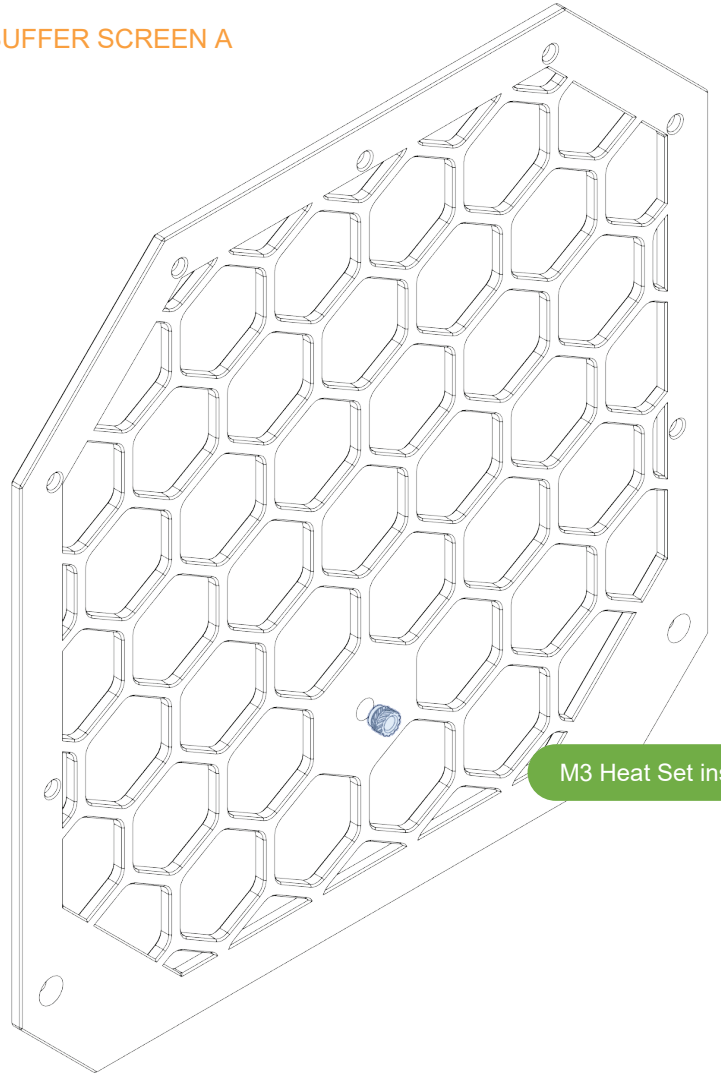
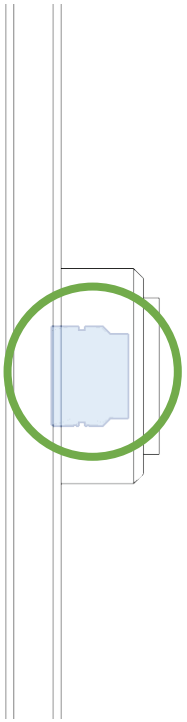
BUFFER SCREEN A

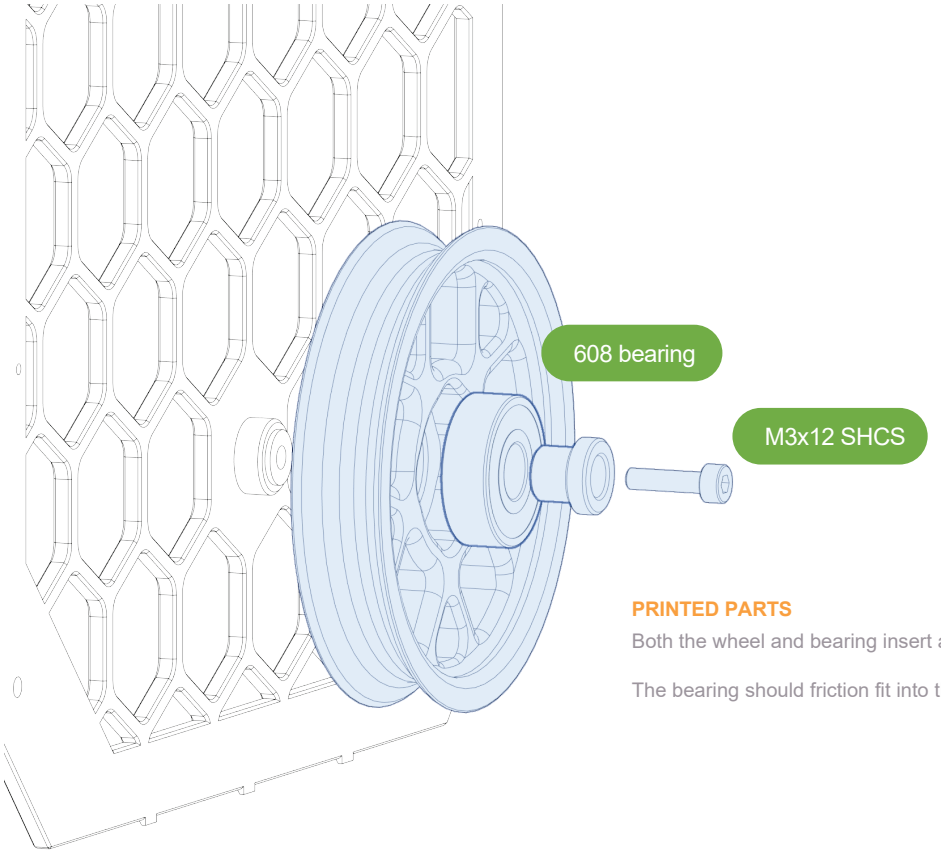




ENSURE HEAT SET IS FULLY SEATED

This doesn't need to be precise but the heat set should not be flush with the surface

BUFFER WHEEL ASSEMBLY



WHEEL BEHAVIOUR

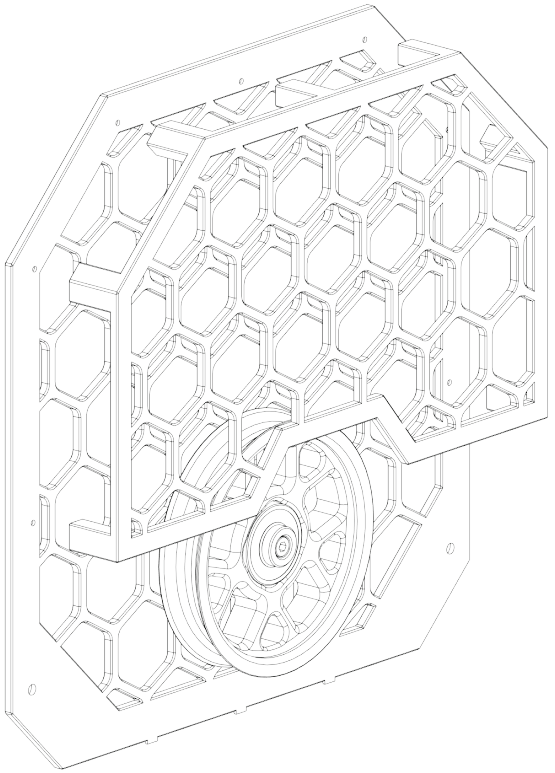
The wheel should spin fairly freely, it doesn't exactly have to be a fidget spinner but make sure there isn't much resistence. If your wheel isn't turning well check to make sure your heat set is inserted straight by putting a bolt in without the wheel to see if its relatively straight.

PRINTED PARTS

Both the wheel and bearing insert are printed

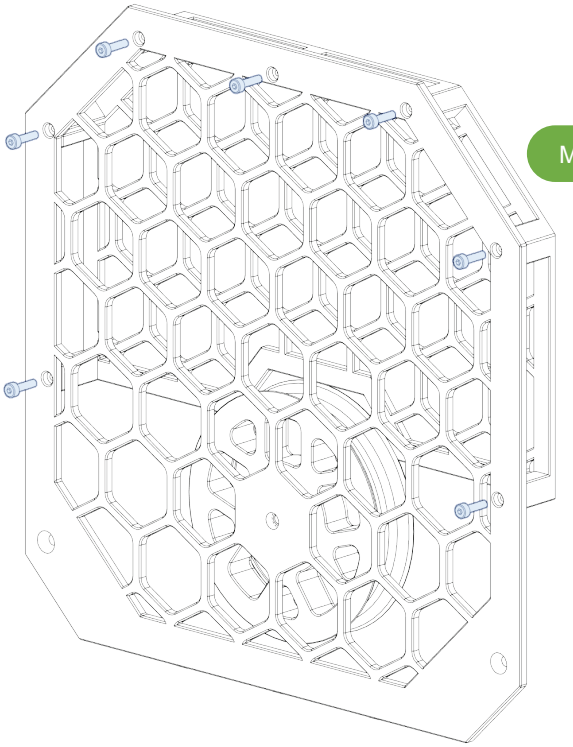
The bearing should friction fit into the wheel and the bearing insert should not have much play

BUFFER SCREEN



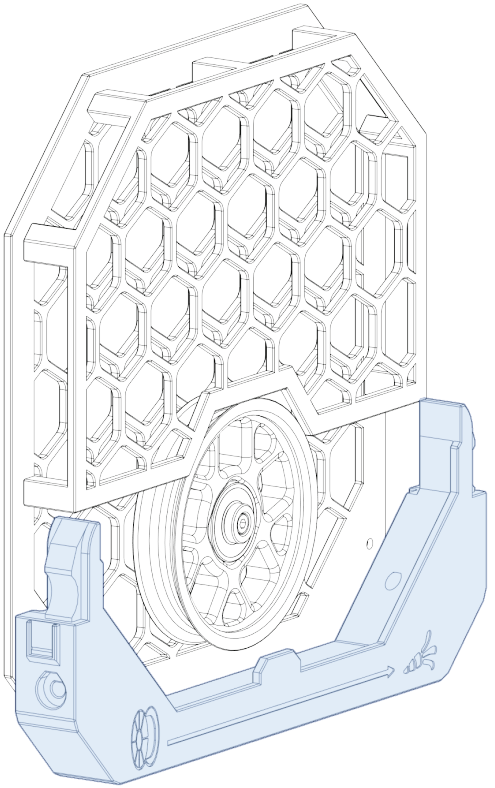
DONT OVER TIGHTEN

Don’t over tighten the M2 bolts, they are screwing into plastic and are not load bearing. Just make sure theyre mostly flush with the surface



M2x8 self tapping

BUFFER TOP

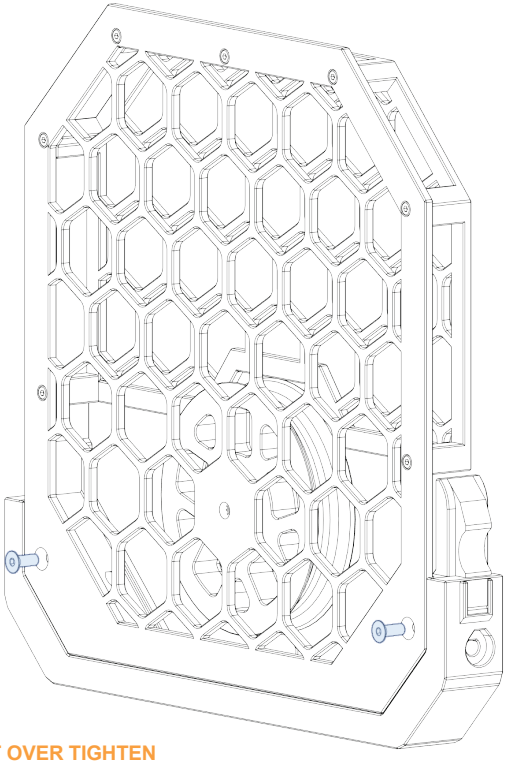


CHOOSING A TOP BUFFER

There are three types of top buffer, one with an ECAS on both ends, one with a magnet connector on both ends, and one with an ECAS on one and and a magnet on the other. This step is the same regardless and specific assembly instructions will come later.

REPEAT

Make one buffer for each slot for your piKa
All units are assembled the exact same, but there are slots for tag plates that take the same ones as the ercf

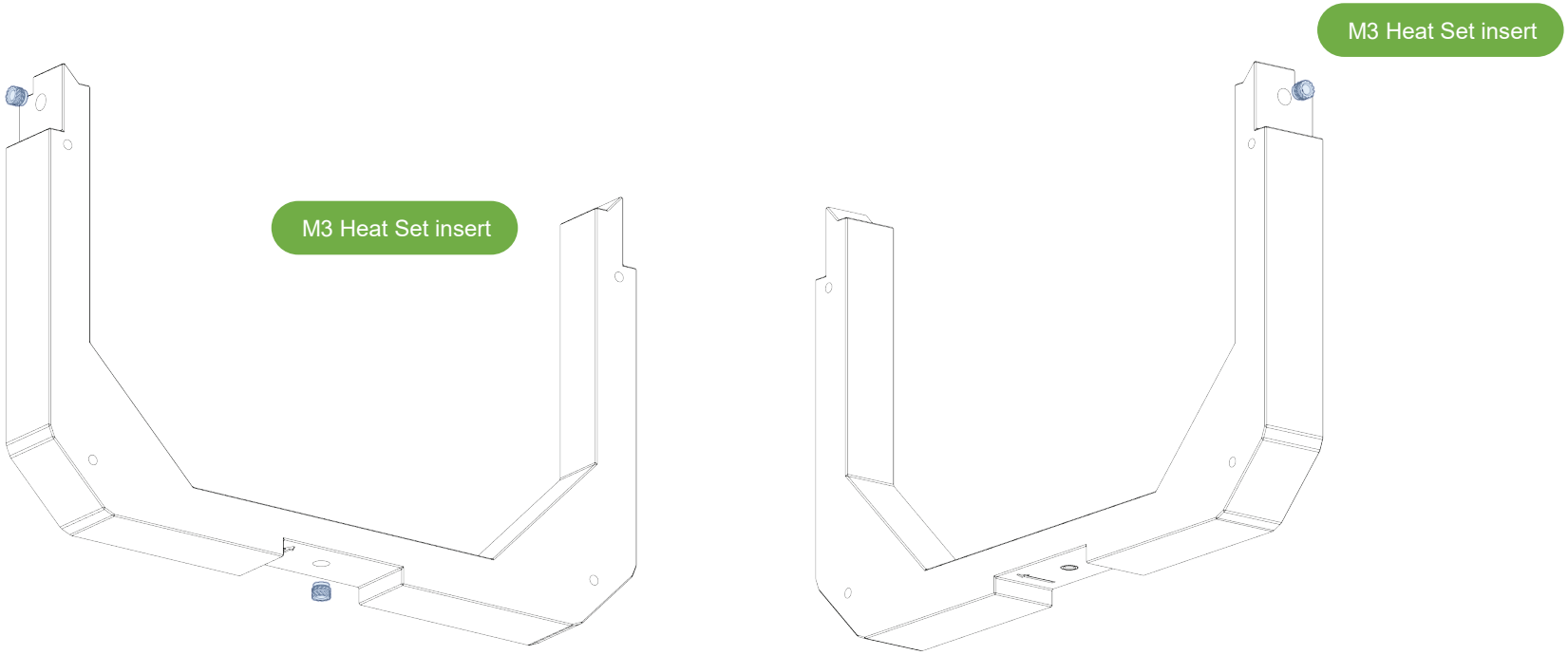


M3x8 FHCS

DONT OVER TIGHTEN

Don't over tighten, these bolts screw directly into plastic

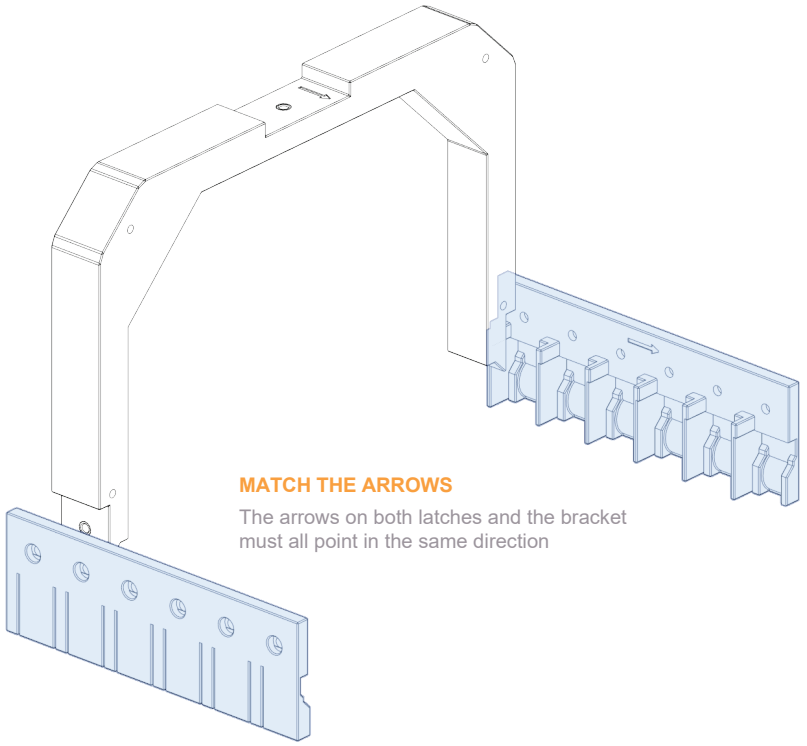
BUFFER BOTTOM



REPEAT ON ALL UNITS

All units will have 3 heat sets inserted, repeat for the number of slots in your piKa

LATCHES

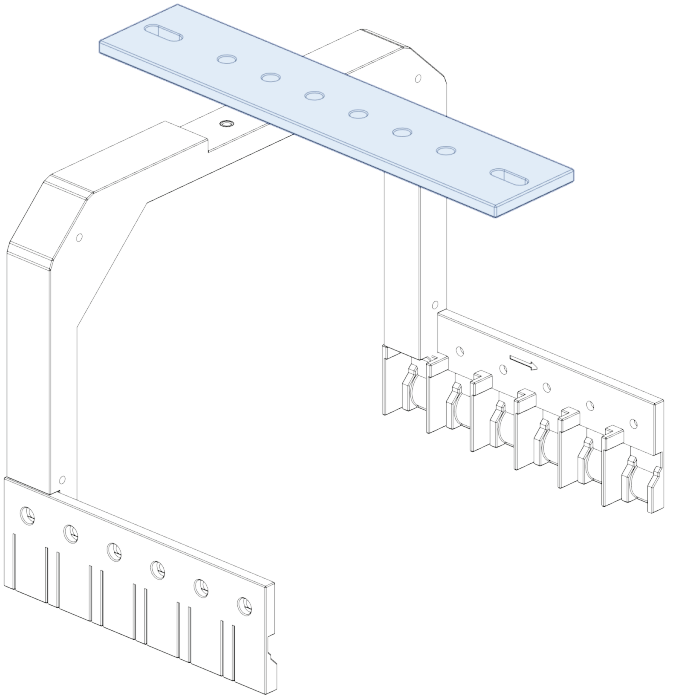


MATCH THE ARROWS

The arrows on both latches and the bracket must all point in the same direction

ORIENTATION

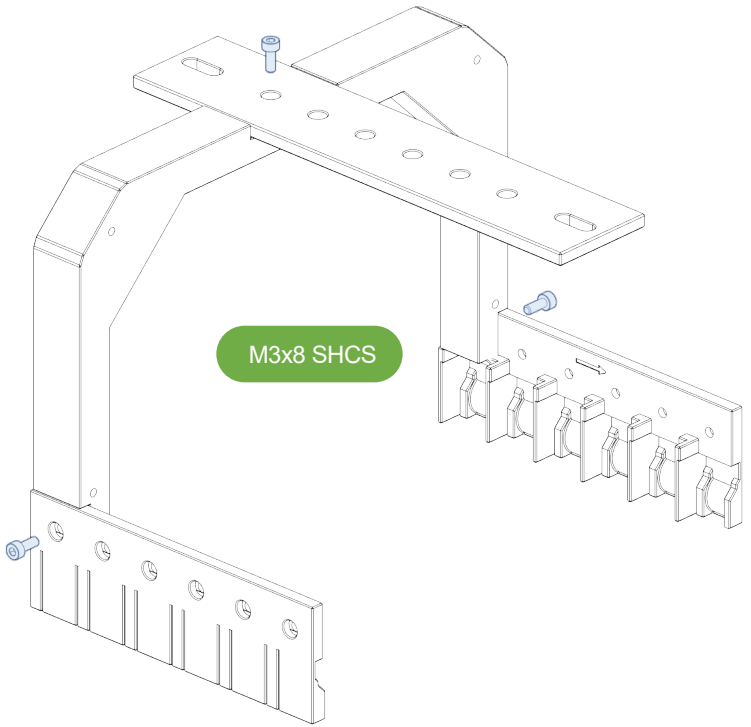
This part doesnt have arrows to worry about but make sure the side with space for bolt heads is facing up

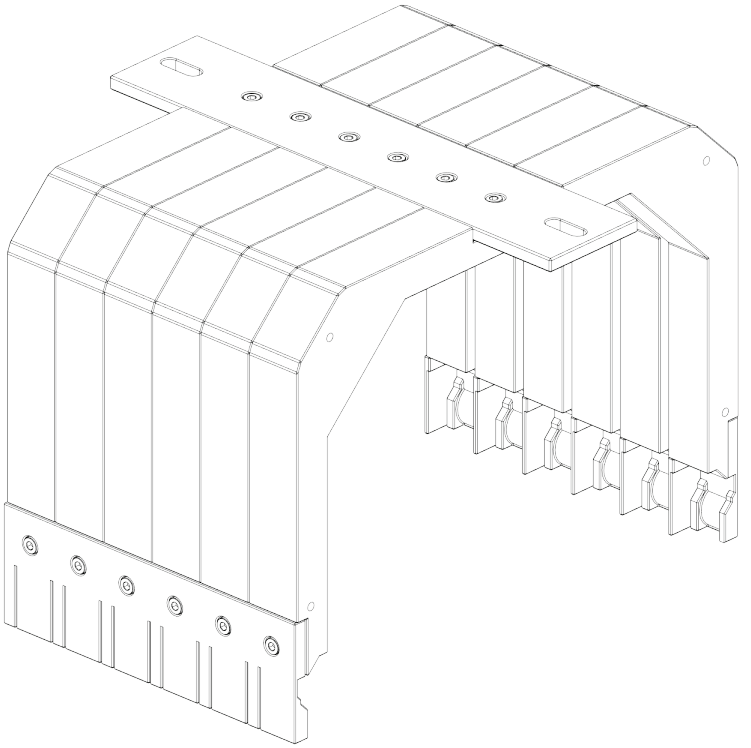


HOUSING ASSEMBLY

RINSE AND REPEAT

Hope your hands aren't tired yet





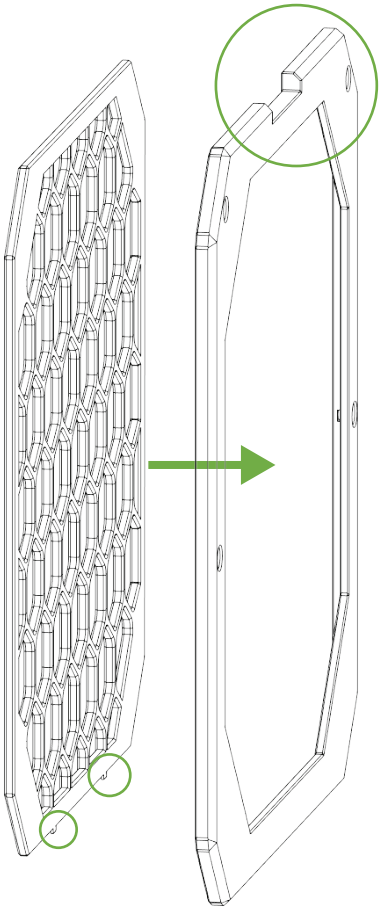
TOO MUCH TEXT ON THIS STEP

I'm aware, I'm doing my best here, cry about it

ARRAY FRONT ASSEMBLY

ORIENTATION

Make sure the notch is on top here

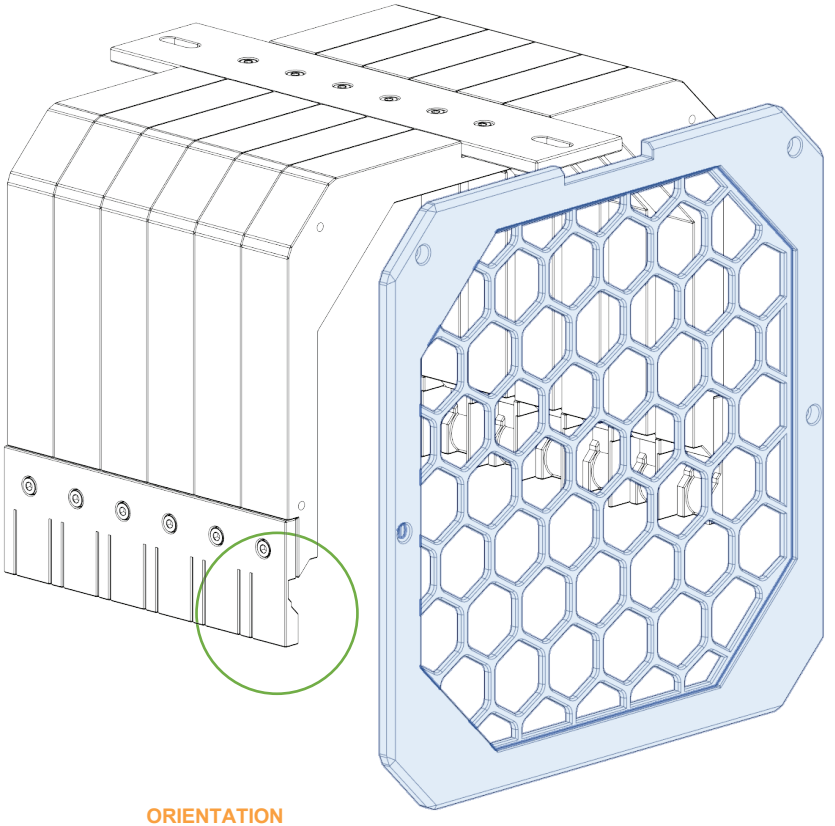


ASSEMBLY

To assemble, line up the pegs on the screen with the divits in the front and push in.
It won't be a tight fit but thats the best way to know its right

ORIENTATION

Make sure these pags are one the bottom and facing into the other part



ORIENTATION

Make sure the part is oriented correctly by ensuring one of the thicker parts of the main body is facing the part being attached

CONFUSING PARTS

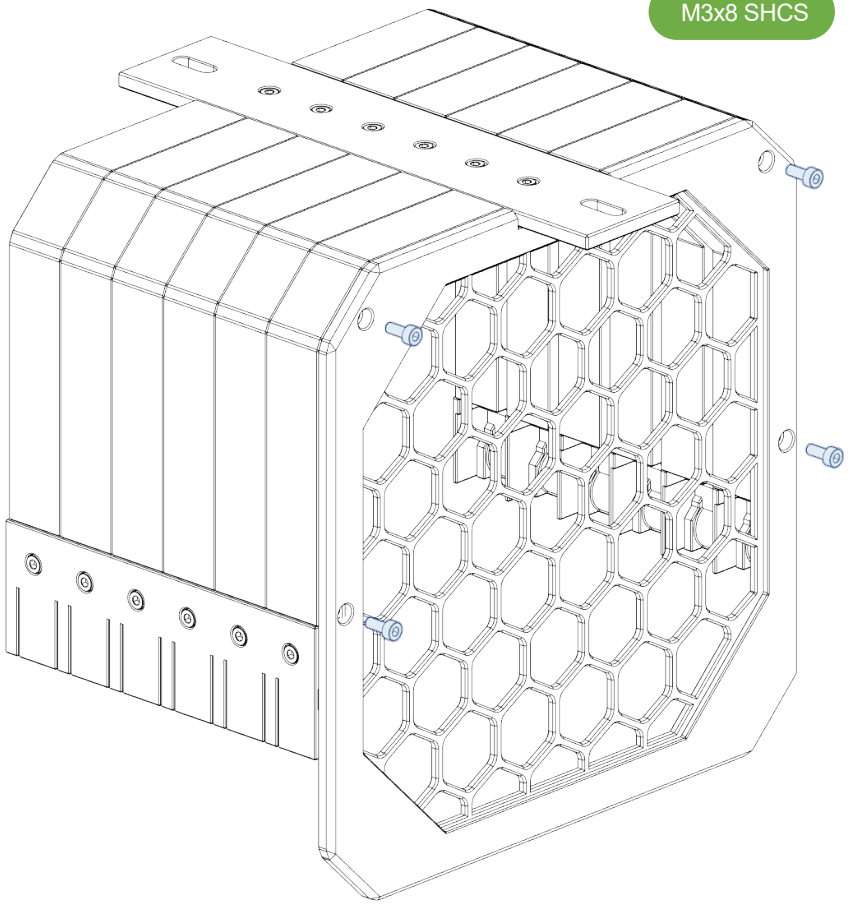
The array front and array back look similar. For this step you want the array front which can be identified by the underside having a cavity for the screen to fit into

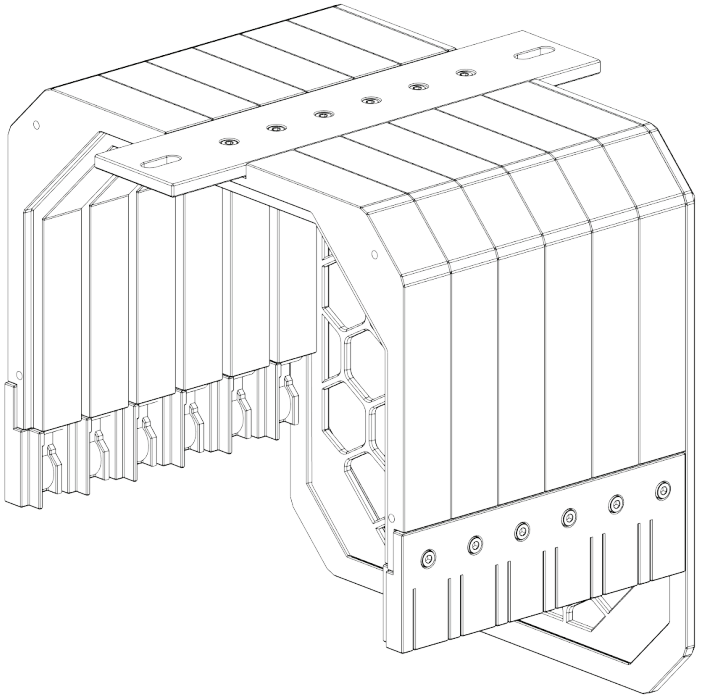
ARRAY FRONT

DONT OVER TIGHTEN

Don’t over tighten, these bolts screw directly into plastic

M3x8 SHCS

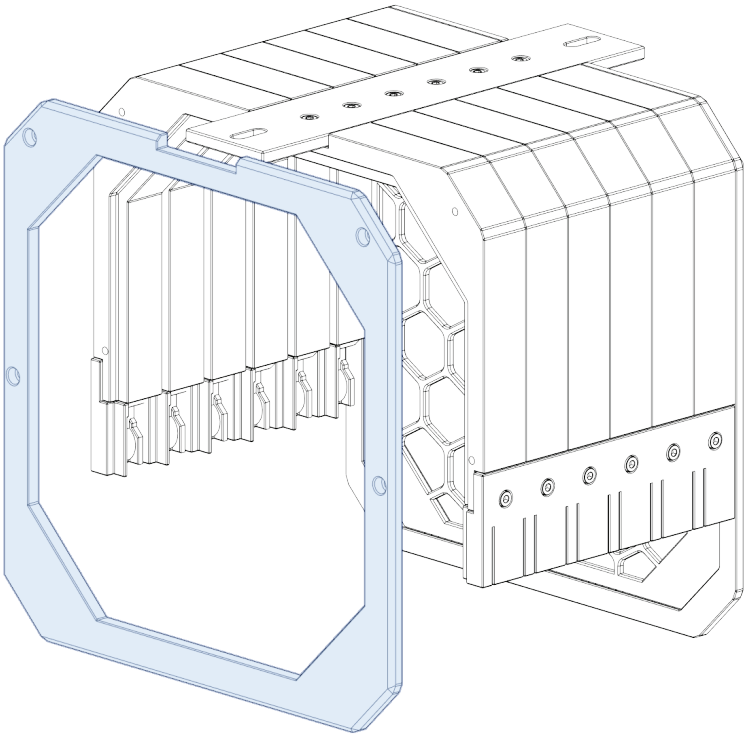




FLIP

Almost done, just 4 more bolts

ARRAY BACK



DONT OVER TIGHTEN

Don’t over tighten, these bolts screw directly into plastic

M3x8 SHCS