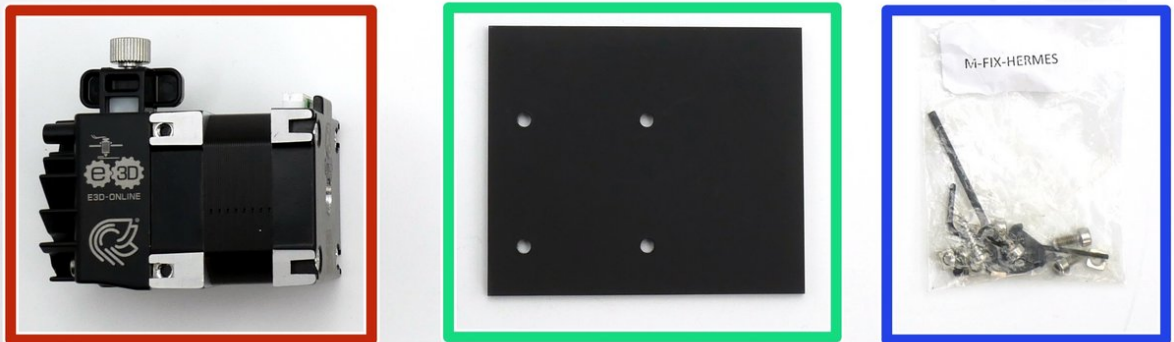


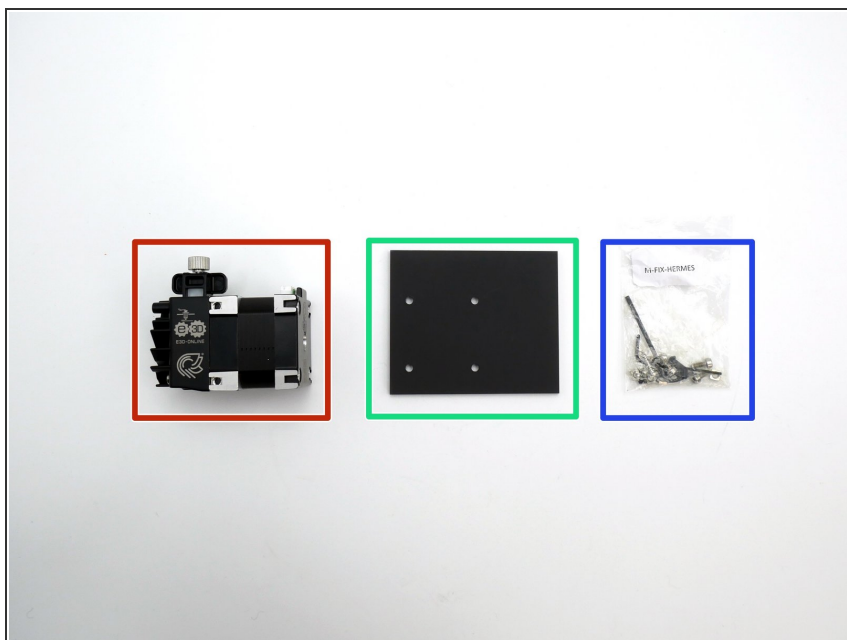


04 - General E3D Hemera Mounting Guide.

Written By: Dan Rock



Step 1 — 04 - General E3D Hemera Mounting Guide.



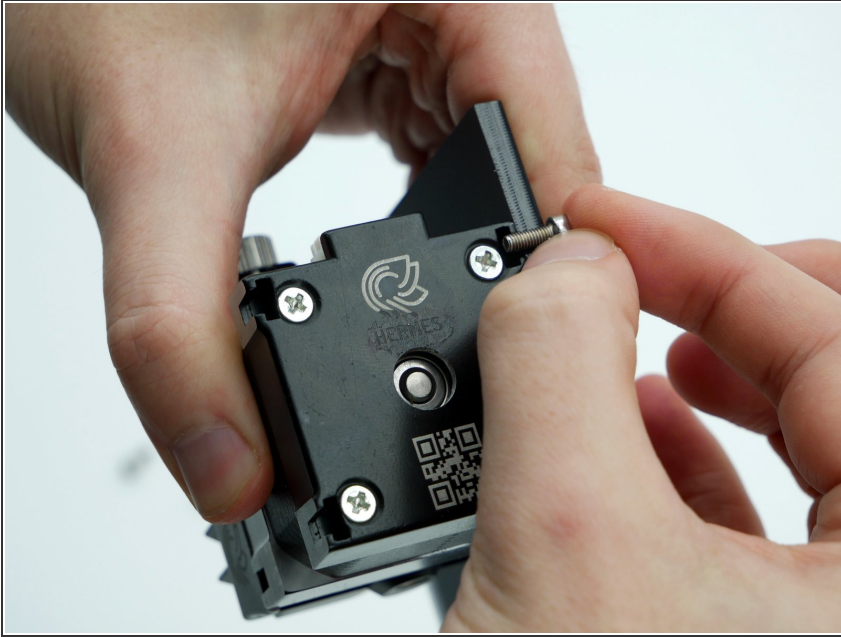
- Gather:
 - Hemera Unit.
 - Hemera Mount (Not supplied)
 - Hemera fixings kit.

Step 2



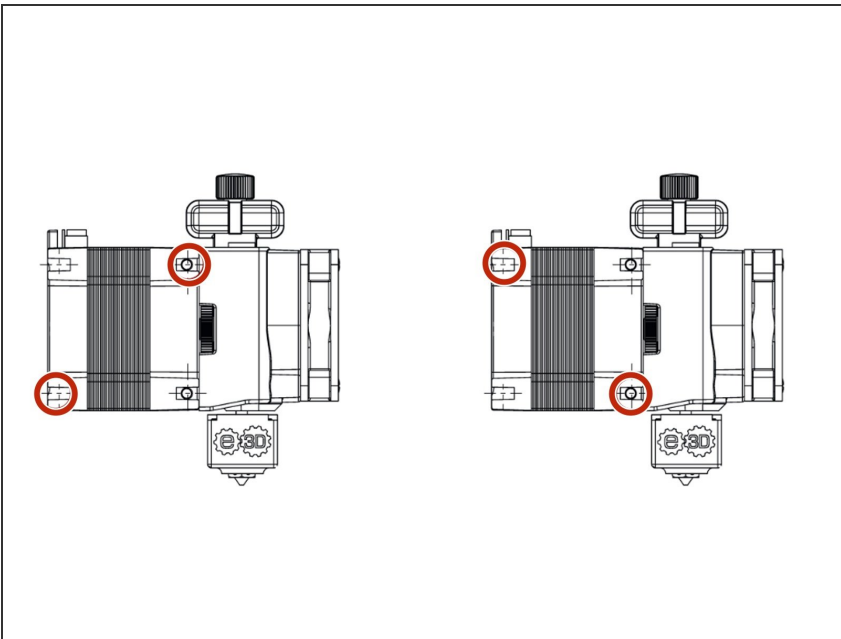
- This is how to correctly measure a screw.

Step 3



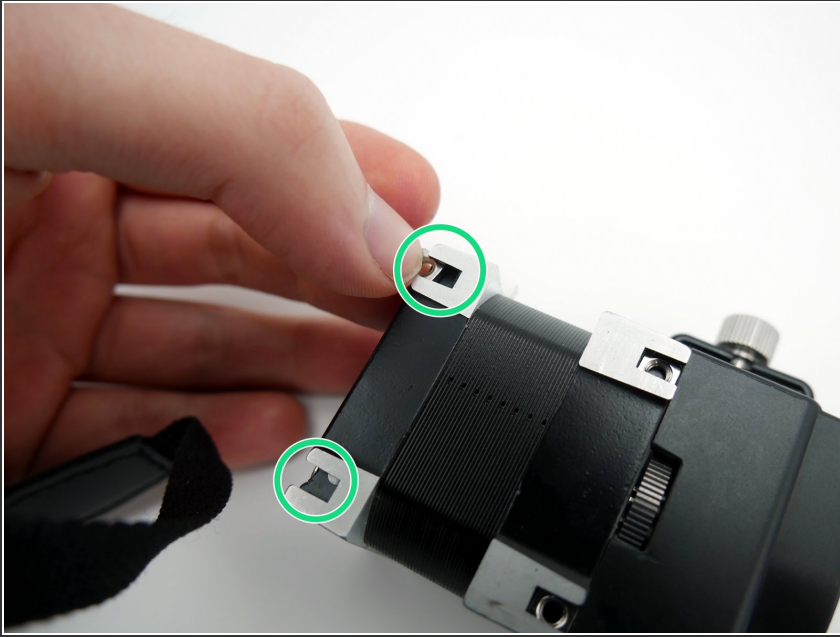
-  Double check before proceeding that you are using a suitable length screw for the mounting plate thickness used.
-  Shown here is a 5mm thick mounting plate using the supplied M3 x 8mm screws.
-  Screws should stick out from the mounting plate 3mm +/-0.25mm

Step 4



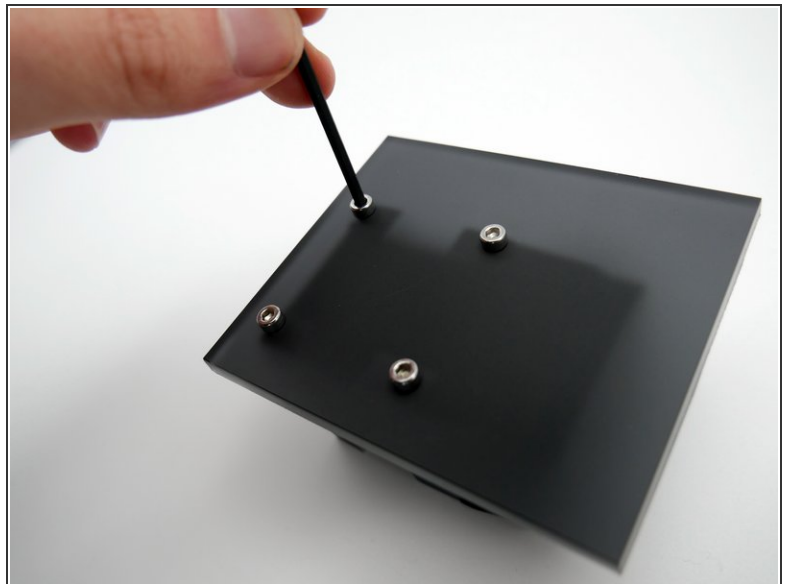
-  Ideally Hemera is fastened using x4 M3 screws, however the minimum requirement is 2 screws diagonally positioned on the back side.

Step 5



- Insert x2 M3 square nuts into the empty T-slots on the back side of Hemera.
- The backside is the side with the drive gear visible. (not the engraving side)

Step 6



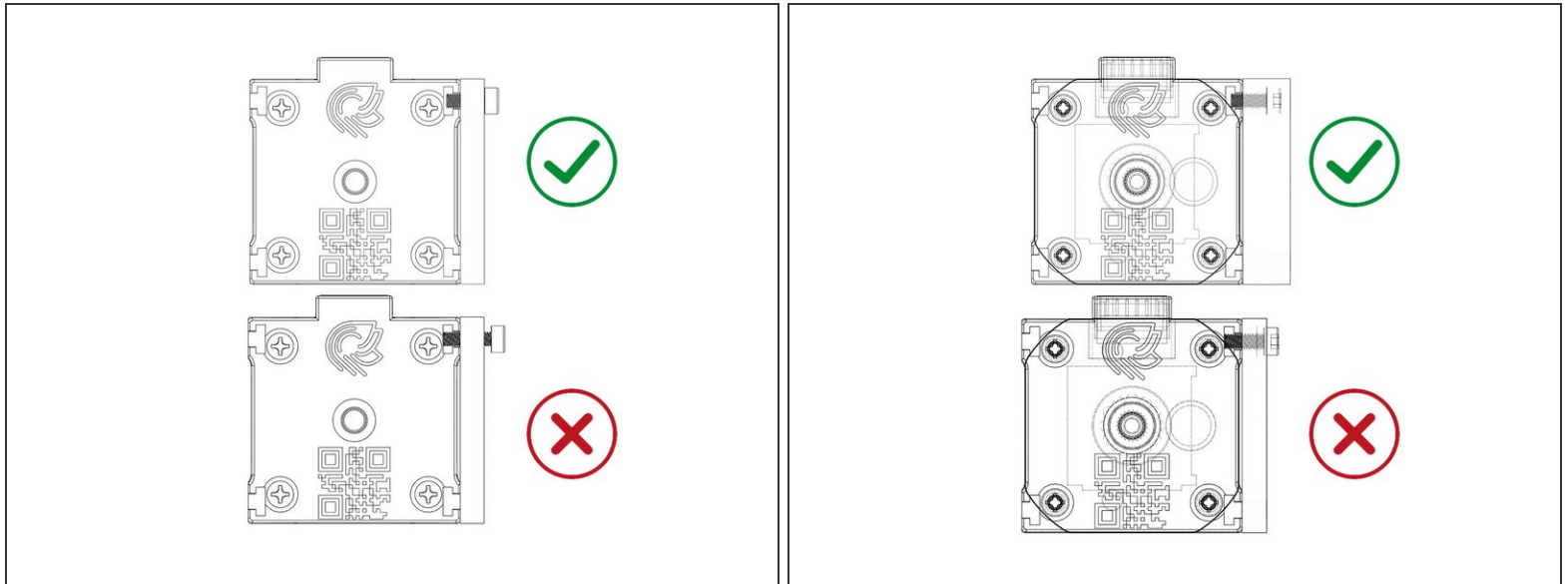
- Place the mount on the back side of Hemera. lining up the clearance hole in the mount with the threaded holes of the square nuts.
- Fasten the x4 M3 x 8mm screws.



Do not over tighten the screws.

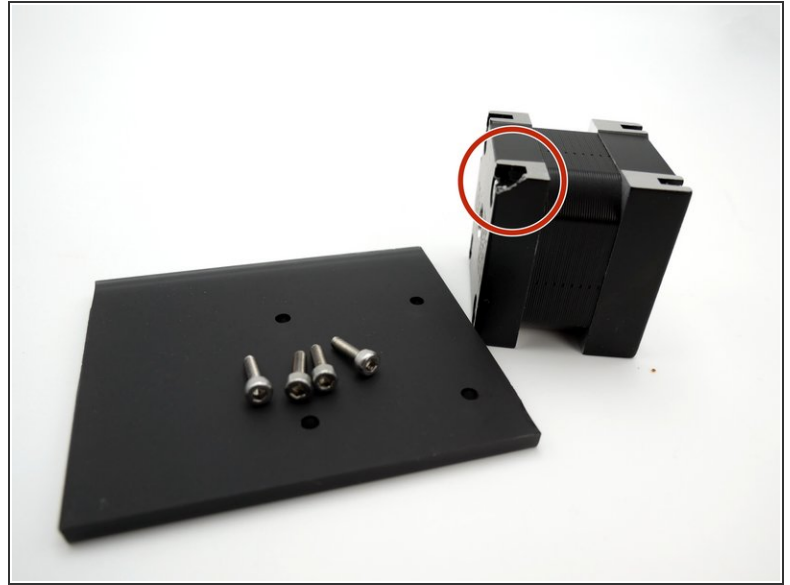
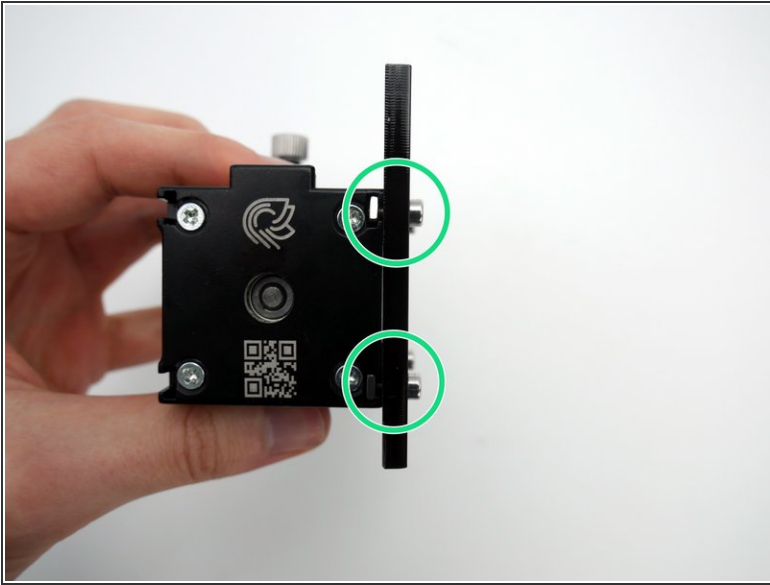
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Step 7



- ⚠ Using screws longer than 8mm with a 5mm thick mount will result in damaging the T- slots.
- ⚠ Using a mount thinner than 5mm with the supplied 8mm screws result in damaging the T-slots.
- ⚠ If you are wanting to counter bore the screws make sure the distance from the back of the mount and the counter bore shoulder is 5mm when using the supplied M3 x 8mm screws.
- Using screws that are too short won't damage anything, it just won't be able to fasten the screw into the square nut.

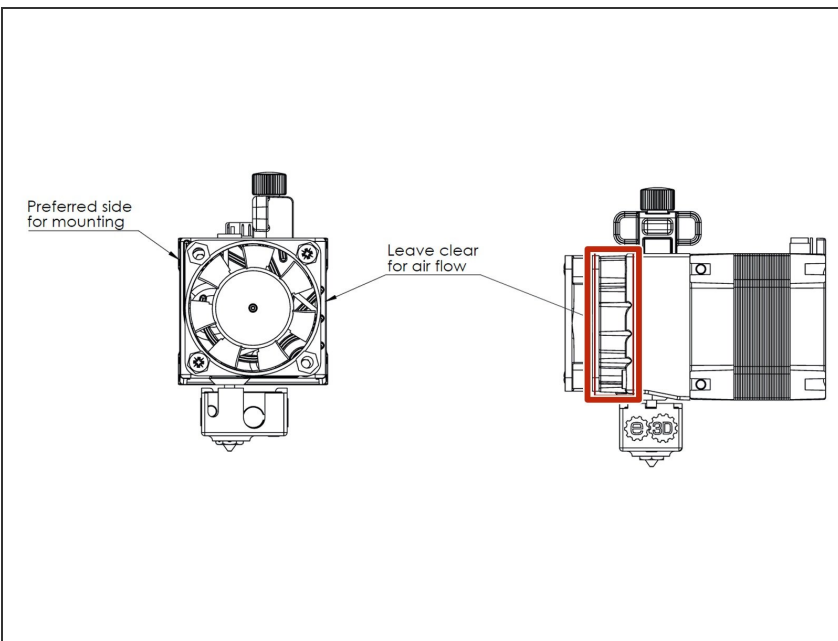
Step 8



- Image showing Hemera correctly secured to a 5mm mount with the supplied 8 mm M3 screws.

⚠ The result of using M3 x 10mm screws with the same 5mm mount.

Step 9



- ⓘ When attaching part cooling fans, bed levelling sensors or mounting from the side with the fan exhaust, be mindful not to restrict airflow.

⚠ Blocking the heatsink exhaust will reduce airflow which can lead to heat creep and jamming of the extruder.

Step 10



- For more detailed mounting information please see the datasheet: [Hemera Datasheet \(Edition 1\)](#)