



PRECISION AERO PRODUCTS

ESC MOUNT

ASSEMBLY AND INSTALLATION NOTES



Thank you for choosing the Precision Aero Products ESC Mount. It is CNC cut from 1mm carbon fibre and holds the ESC on a light, rigid plate between two legs that you trim to suit your model and glue into the fuselage.

IN THE KIT

- ESC plate
- Front leg
- Rear leg (the wider of the two)
- Double-sided tape
- Cable ties

YOU WILL NEED

- 30-minute epoxy
- Chopped glass fibre or micro balloons
- Sandpaper and methylated spirits
- Masking tape
- Dremel with cut-off wheel
- Vacuum, dust mask and safety glasses

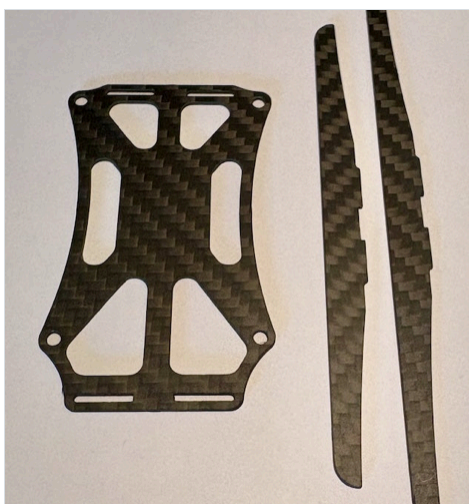
SAFETY

Carbon dust is harmful. Wear a dust mask and safety glasses when cutting or sanding carbon, and use a vacuum to remove the dust as you work.

BEFORE YOU START

The front and rear legs fit their own slots at each end of the plate. The rear leg is the wider of the two.

Test-fit the legs in the plate before mixing any epoxy, and check where the mount will sit in your model.

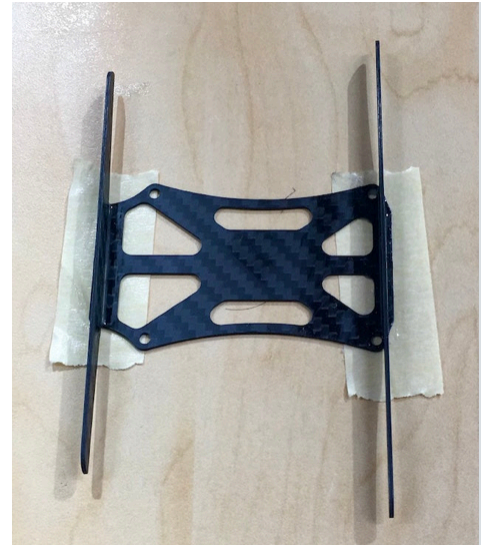


The kit parts: ESC plate (left), front and rear legs.

ASSEMBLY AND INSTALLATION

01 ASSEMBLE THE MOUNT

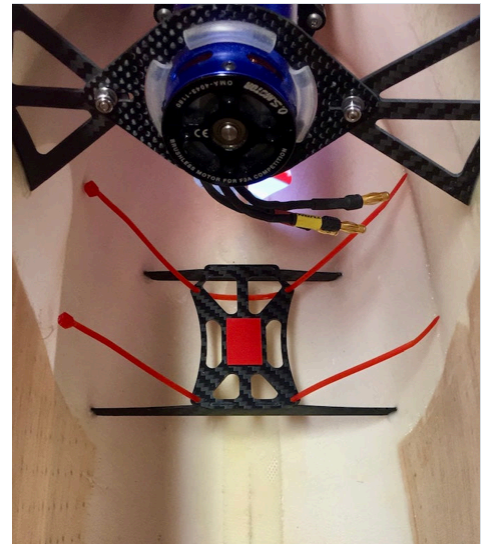
1. Roughen the areas to be glued on the legs and around the slots in the plate with sandpaper, then clean them with metho.
2. Put masking tape over the slots on the top of the plate to stop the epoxy running out.
3. Mix 30-minute epoxy and add chopped glass fibre or micro balloons to give it some body.
4. Glue the front and rear legs into their matching slots in the plate.
5. Check the legs are square to the plate before the epoxy sets. Leave it to cure fully, then remove the masking tape.



Masking tape over the slots while the epoxy cures.

02 FIT IT TO THE MODEL

1. Position the mount so the tray sits at about 30° to the incoming airflow, so the cooling air flows over the ESC heatsink.
2. Offer the mount up in the fuselage and trim the legs with a Dremel until it sits at that angle. Vacuum the dust as you cut.
3. Roughen the leg ends and the areas of the fuselage they will be glued to, then clean them with metho.
4. Glue the legs in with the same epoxy and glass fibre mix. Check the angle before the epoxy sets.



Installed behind the motor, held with double-sided tape and cable ties.

03 FIT THE ESC

1. Stick the double-sided tape to the plate and press the ESC onto it.
2. Secure the ESC with the cable ties through the openings in the plate.
3. **Do not over-tighten the cable ties.** Snug is enough to hold the ESC.

NOT SURE THE MOUNT SUITS YOUR MODEL?

Send us your model and we will advise. Questions about this product:
sales@precisionaeroproducts.com.au