

MOLEWING E



INSTRUCTIONS

Recommended Parts (not in kit)

400 size Brushless Motor (BM400, Overlander Models)
(PPI-2847-2180, 4 Max Models)

Thin Electric Propellor (6x5.5)

30c Lipo 2100 (11.1v) Battery

30A BEC ESC (2-4 cells) Speed Controller

Standard Servo (High Impact Gears)

Assembly

Follow the assembly instructions as per the Molewing S from Wing Preparation to Final Wing Preparation.

Please note that the elevons supplied will need to be cut in length at the short width end, the length of the elevons will be the same length as the trailing edge of the wing, this is so that the propeller can rotate.

Fitting the Pod

Trim the motor tray (lower pod) with scissors or a knife along the cut line and trial fit on to the top of the wing. Next cut holes for the servo wires, receiver aerial and cable tie for the motor. You can now fit the motor on double sided tape and apply the cable tie around the motor.

Note: you can either place the receiver in the pod between the battery and motor or cut a hole in the wing for it to fit in. Generally, we install the receiver below the lower pod by carefully making a cut out within the foam to the size of your chosen radio. A slot will be needed to be cut within the lower pod so that the servo wires and speed controller wires can connect to the receiver.

Next fit the pod & motor to the wing using glass weave tape and then secure the pod to the wing using 2 layers of your chosen coloured tape (see fig 1)

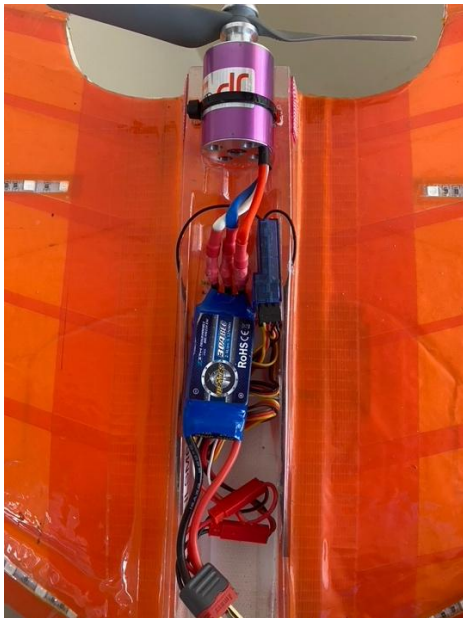


Fig 1

You can now finish covering the model as per the instruction manual being careful not to twist or warp the wings. When covering the top of the wing, take the covering over the lip of the pod and cut off straight against the pod side.\

To secure the upper pod to the lower wing pod use the small piece of Velcro, cut into three strips, one piece on the nose of the pod and one piece either side of the pod adjacent to the motor, there are small indentations on the lower pod for positioning.

The flight battery is held in its recess using supplied hook & loop. Cut small pieces of hook & loop for the front and sides of the pod to retain the top.

Trim the battery cover (pod top) along the guide lines and trim if necessary to snugly fit the battery tray.

Once you have fitted the servos, make sure they operate in the correct way and check the motor direction before fitting the propeller.

Finally check the centre of gravity, 200mm back from the nose.

Set up elevator/aileron throws as per the Instruction Manual (Molewing S)

Launching

DO NOT LAUNCH with the motor running. Hold by the nose with your palm up over your head and your thumb wrapped over the top edge of the wing. Take a few steps forward and give a good strong throw into wind. Open throttle as the model glides away, letting the model accelerate before giving a small amount of up elevator to make the model climb away. Try a few test glides first to get a feel for the launch.