

Assemble Manual

Welcome to use Ripper R690 delta fixed-wing aircraft, this product is a model airplane drone. Assembly and operation need to strictly comply with relevant requirements. wish you a happy flight!

1.Check whether the accessories inside the plane you received are complete and in good condition.

1.1Receive your plane, open the package, the inside is divided into 4 small boxes.



1.2There are 1# fuselage, 2# accessories package, 3# hatch wing and 4# wings

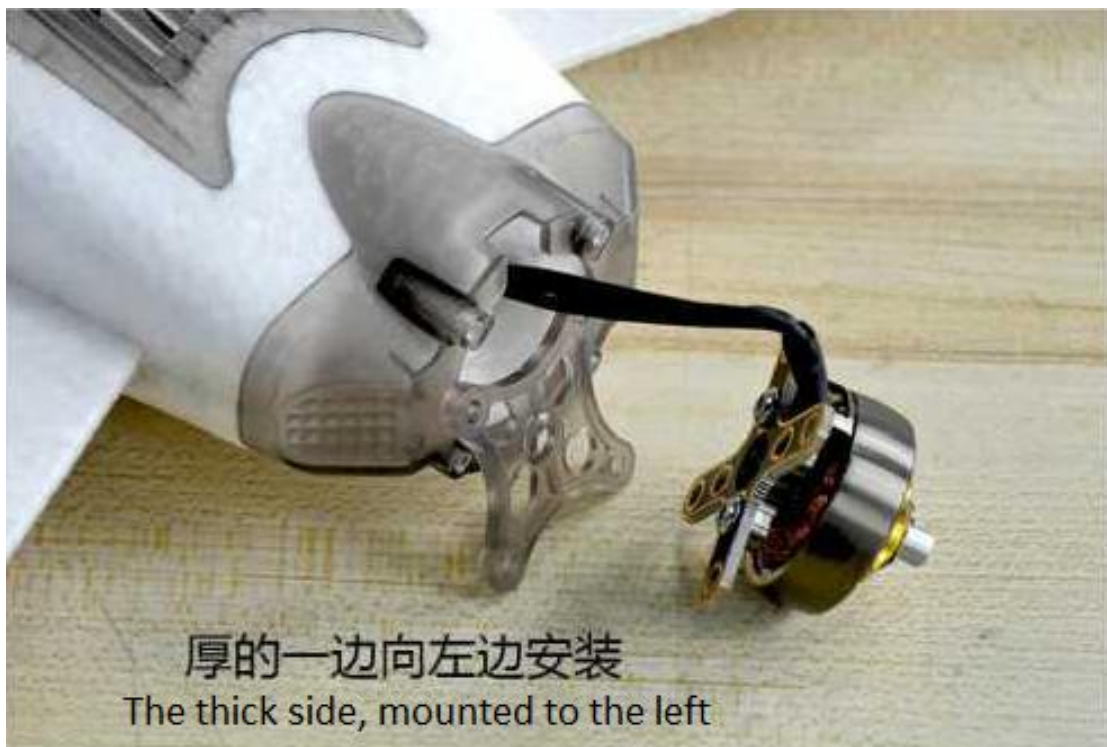


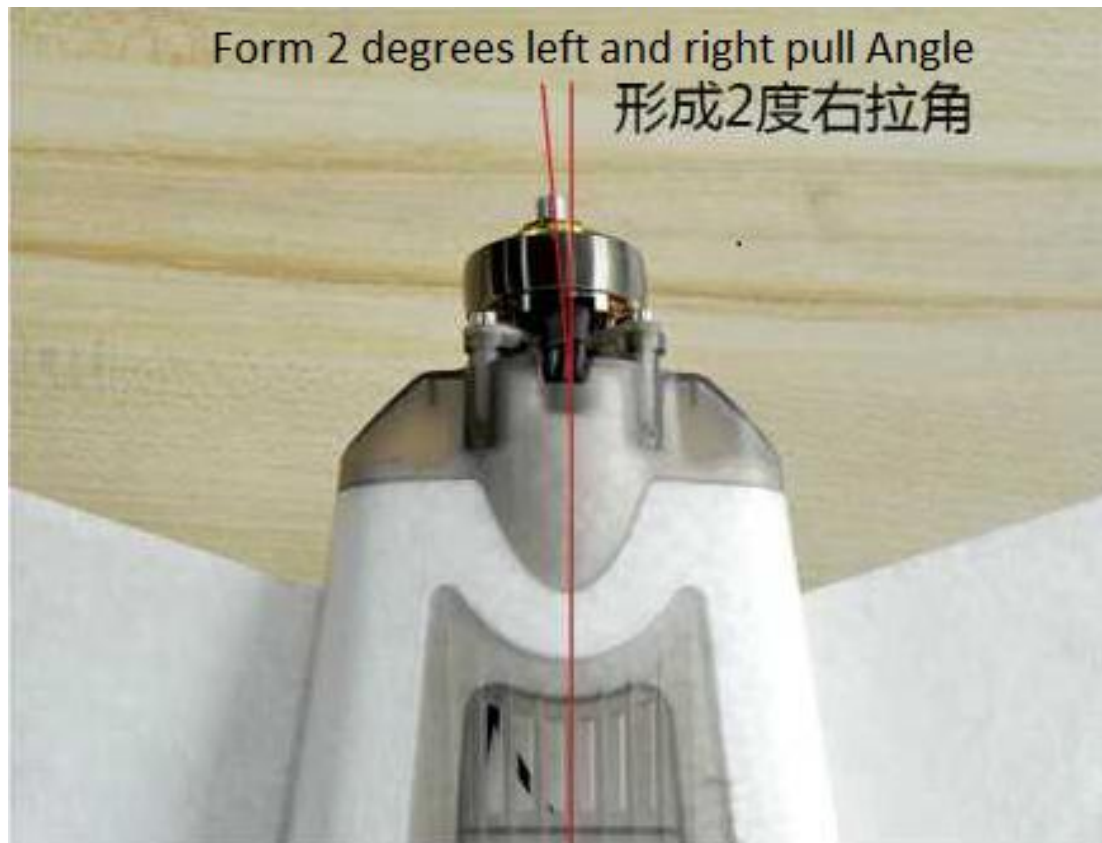
2.1 KIT



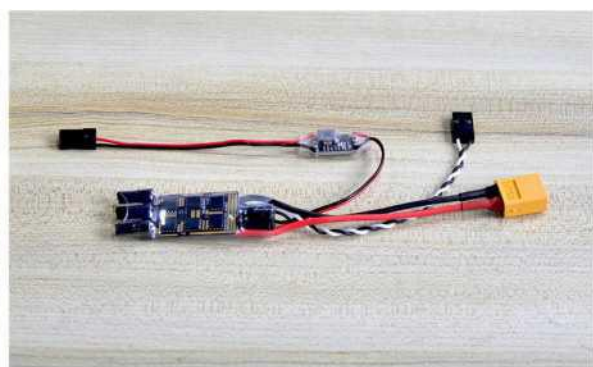
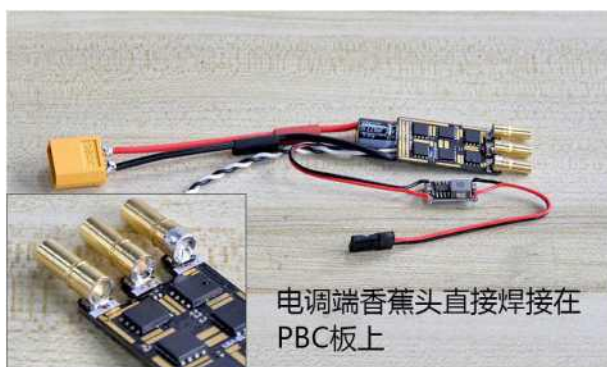
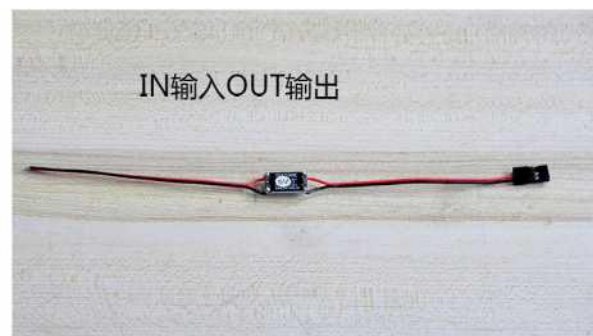
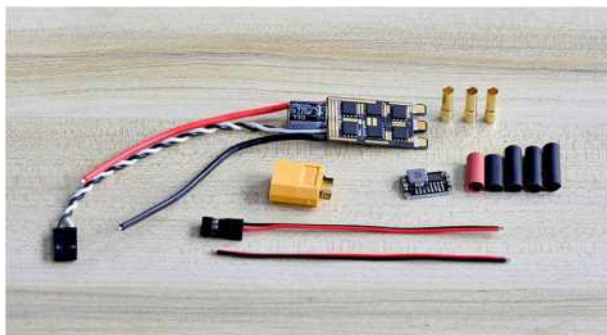
3. Installation

3.1 If you are flying manually, you can install Angle plates

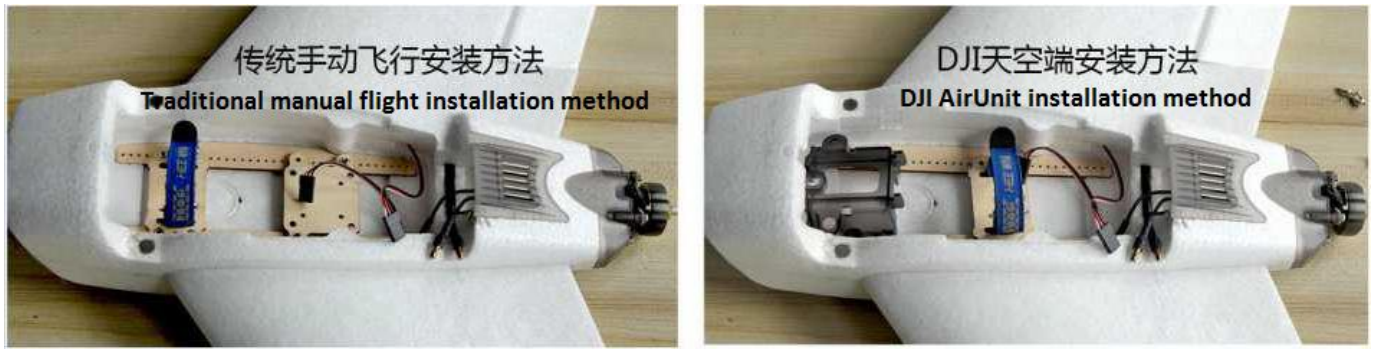




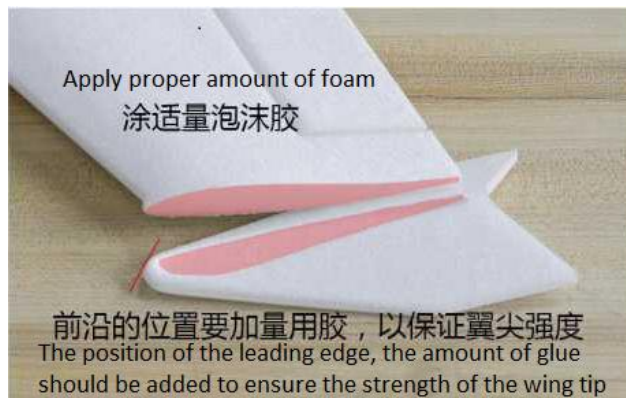
3.2 Assemble UBEC and electric modulation. Connect UBEC (the input is directly connected in parallel to the electric regulator) and install the banana head and power plug for the electric regulator.



3.3 Install battery fixing plate, electronic fixing plate or graph transmission fixing seat (fixed with 2X8 self-tapping screw)



4. Glue Winglet

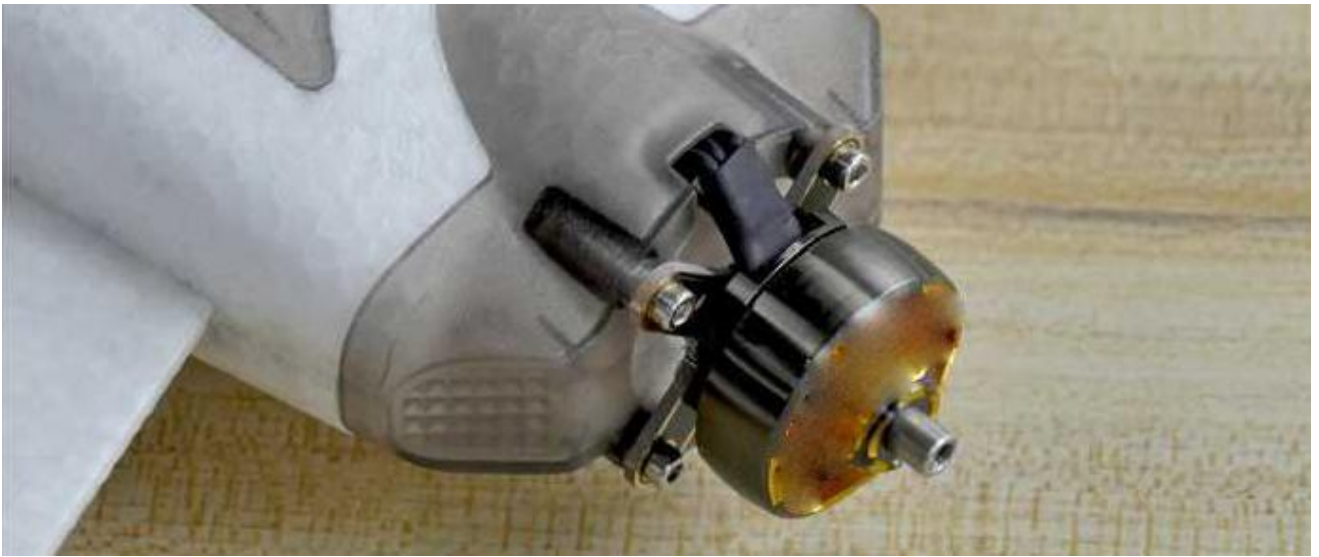


Install the left and right wings in the same way

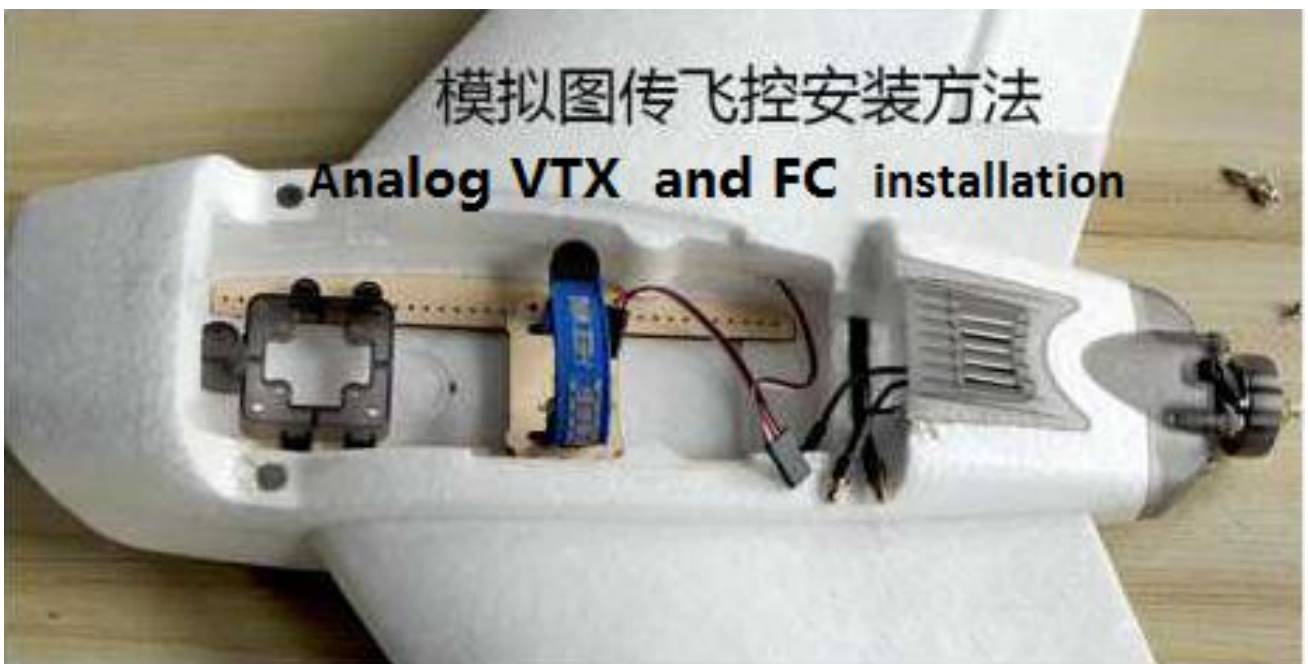
5. Install the motor. Find the cross PBC motor mounting plate in the motor and accessories package, and lock it with M3*4 screws. Solder the banana head to the motor.

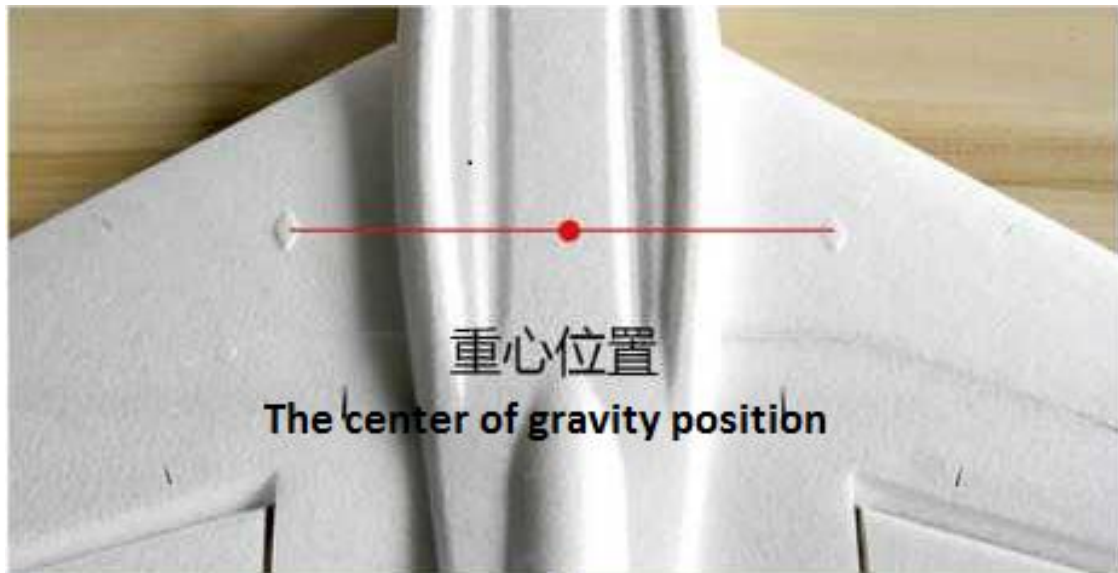


6. Thread the motor cable into the aircraft from the tail of the fuselage, and use M2.6*12 self-tapping screws to lock the PBC board to the motor mounting base



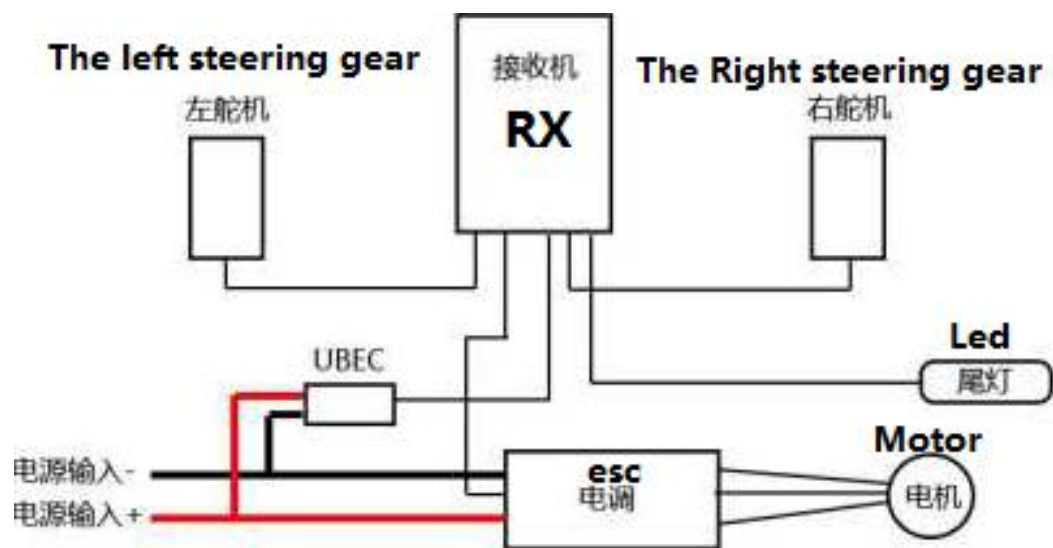
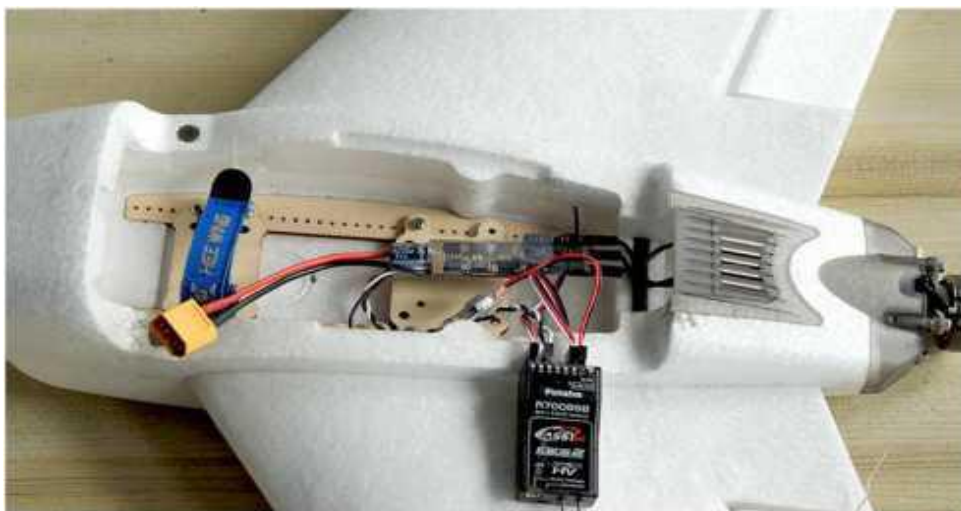
7. If you are flying manually, you can install the angle piece





The installation position of the above electronic equipment can be moved back and forth at will, please adjust appropriately according to the center of gravity

8. Wiring. (Take Futaba Receiver as an Example).



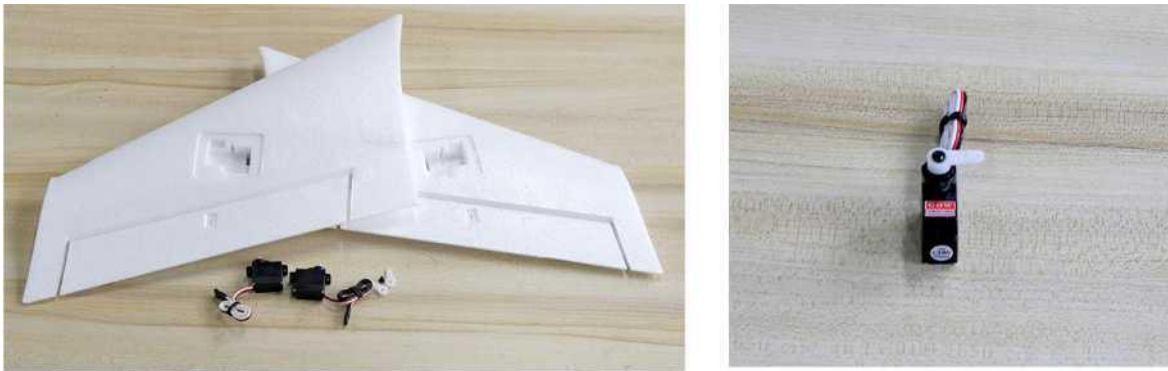
This figure takes the FUTABA receiver as an example. The left servo is connected to the 1st channel, the right servo is connected to the 6th, the ESC is connected to the 3rd, and the UBE tail light is connected to the idle channel.

9. Install the rudder angle and tie rods for the steering gear

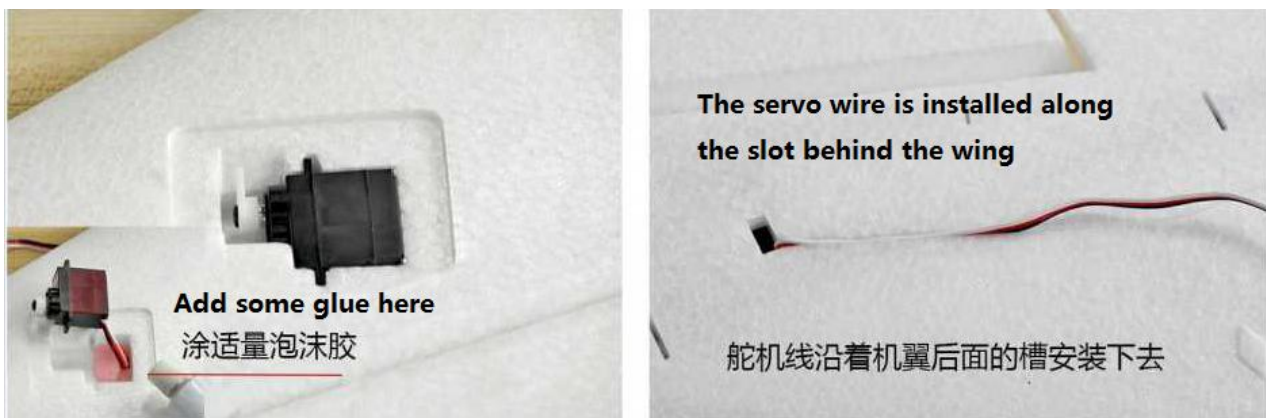


10. Begin assembling

10.1. First find out the left and right wings of the aircraft and the steering gear (such as KIT self-prepared), test the neutral position of the steering gear (with the help of remote control or steering gear tester), install the steering gear arm, and tighten the screws.



10.2 Glue the steering gear and steering gear line with foam glue



10.3 Find the fuselage, carbon rods and two winglets. Insert the carbon rod and apply foam glue to the joint

between the wing and the fuselage. After applying it evenly, let it stand for 1 minute (which can increase the bonding strength) and then glue and compress it.



11. Tuning

11.1 Set the remote control and set it to delta wing mode. (If you use a flight controller, directly adjust the ordinary fixed-wing mode) This setting is based on

Take FUTABA as an example. Set 1, 3, 6 channels to reverse.



and power the aircraft, (no Props for debugging) check the positive and negative of each channel.





12. The whole Kit



13.Other.

1. Observe local flight laws and find an open and safe place to fly.
2. Power on the aircraft and test whether the channels and their functions are normal.
3. Use the tossing method to fly, and pay attention to stay away from the propeller to avoid unnecessary damage.