AeroPlus RC

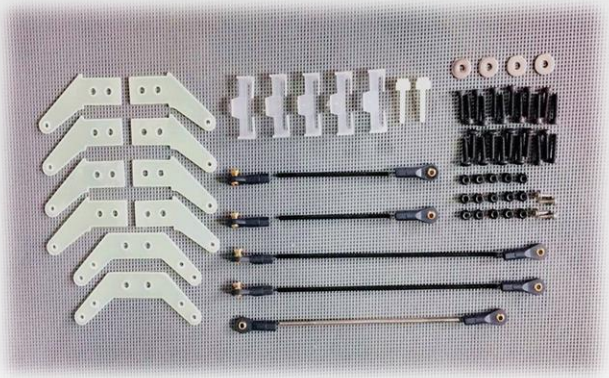
Laser 74" Installation Instructions

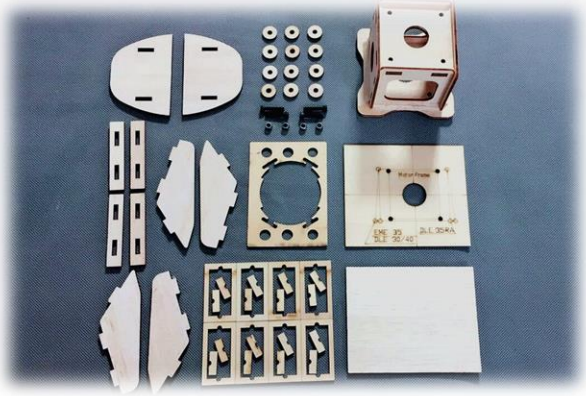
Schemes :

AeroPlus RC

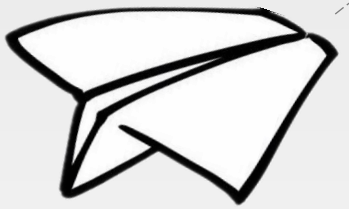
LASER 260 74"

Main parts and accessories





Contents :



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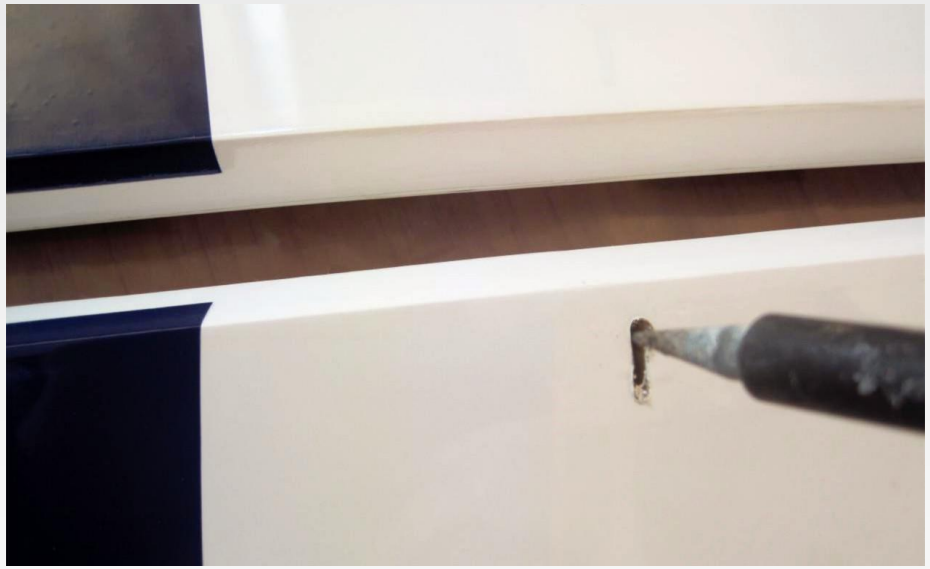
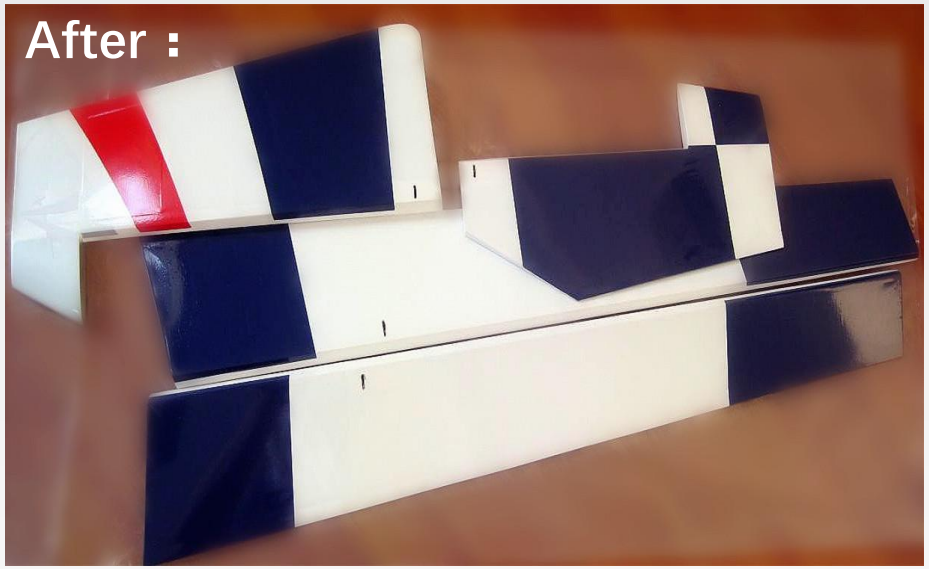
1 Removing the covering



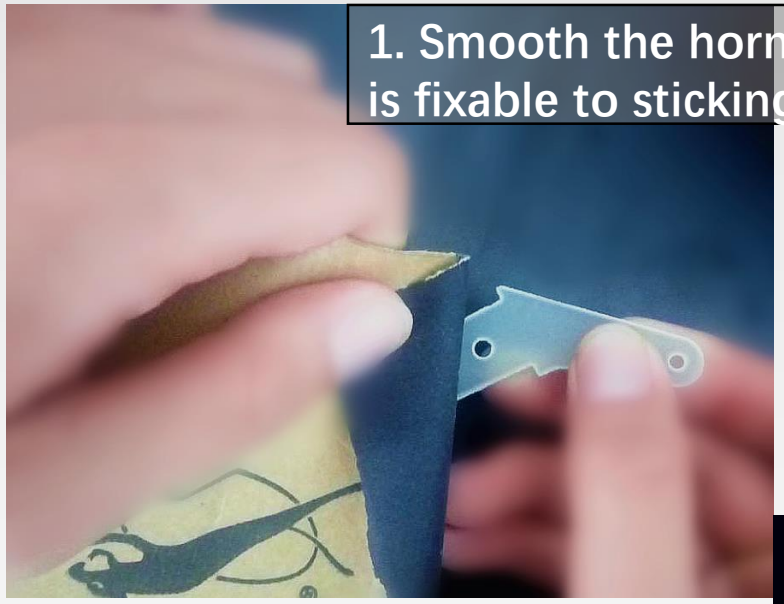


1. Removing the covering with the soldering iron over the holes.

2. Removing the covering with the soldering iron over the elevator servo holes

3. Removing the covering with the soldering iron over the blowholes.

2 Horn installation



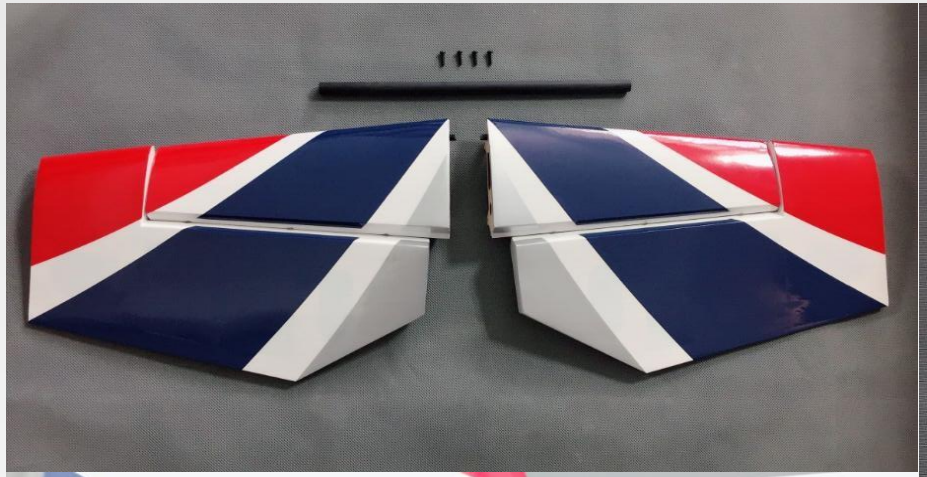
1. Smooth the horns and make sure that the horn is fixable to sticking on the mounted position.

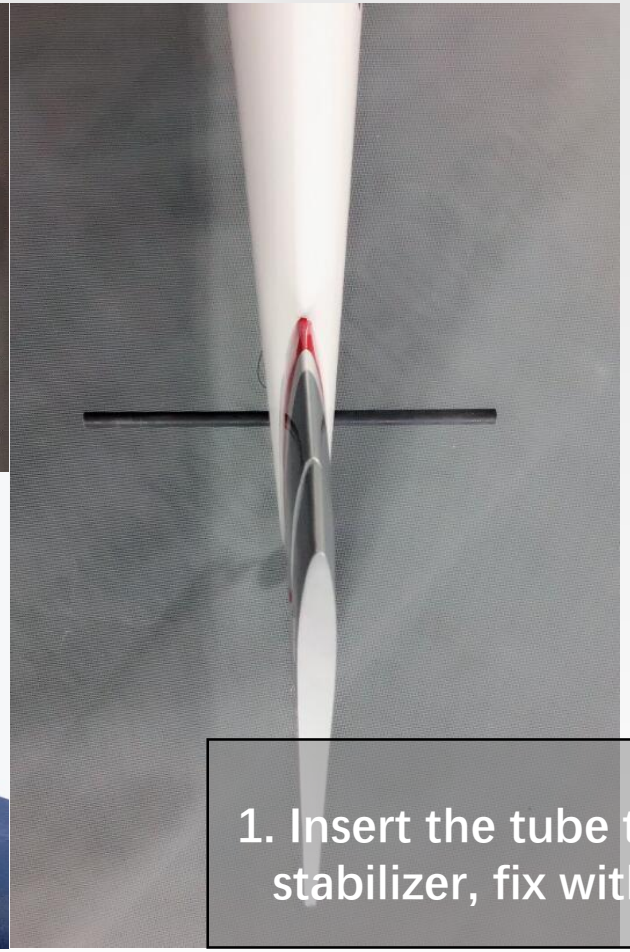
2. Removing the covering with knife over the horn holes, and mounting the horns fixable with AB glue

3 Rudder installation

1. Preparing the AB glue first, then pulling the glue into the holes where the hinges mounted, insert the hinges into the holes.
Pulling the glue into the vertical tail, then connect the rudder and the vertical tail with the hinges.

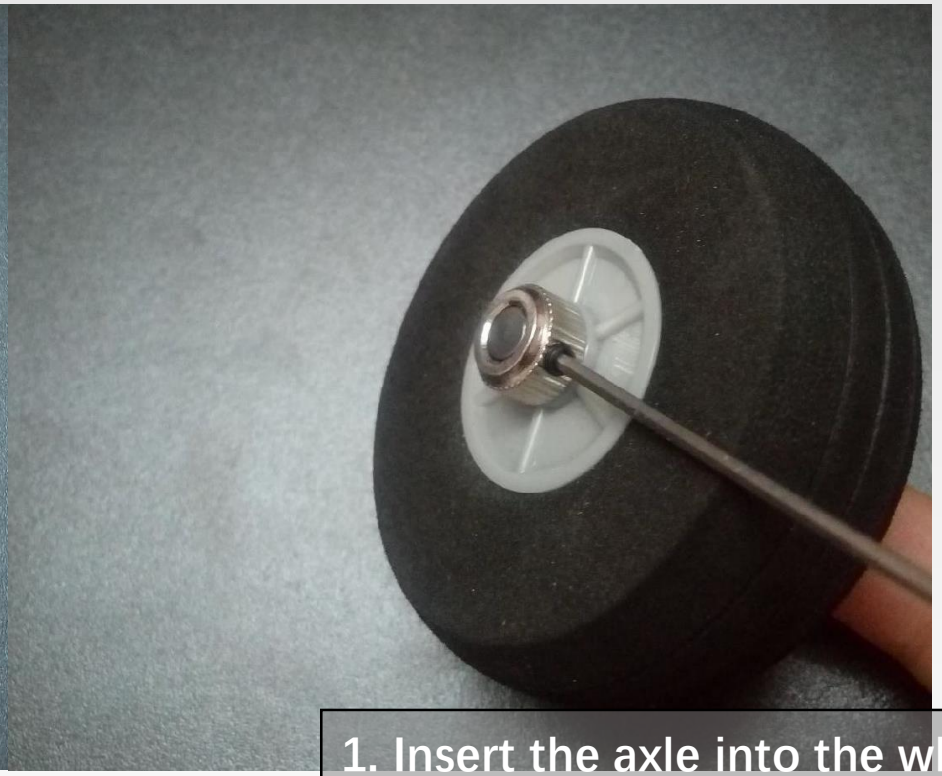
4 Stabilizer installation



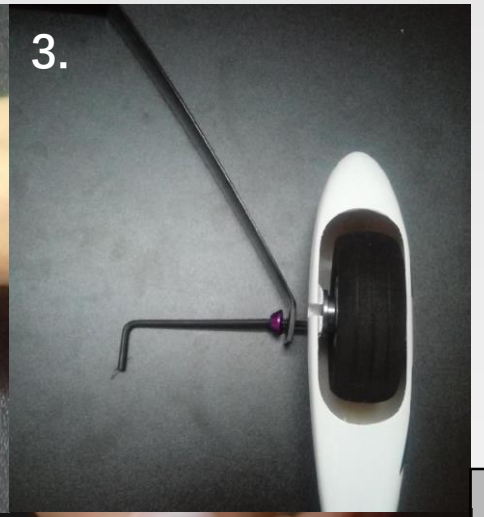


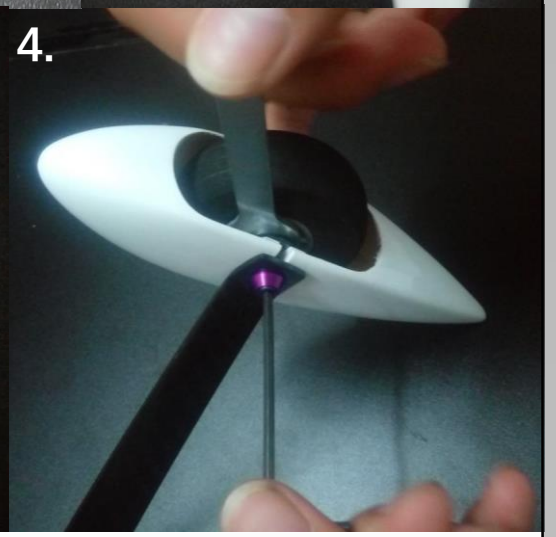
1. Insert the tube then installing the stabilizer, fix with tighten screws

5 Landing gear installation

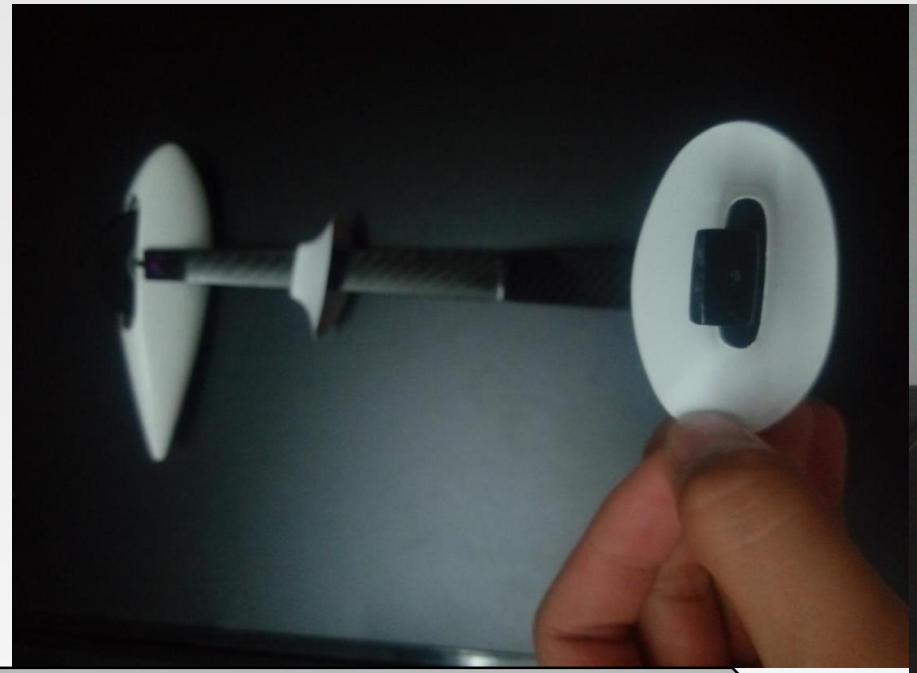


1. Insert the axle into the wheel and locked with the chocks. (the set screws needs to be rounded with thread locking adhsives)

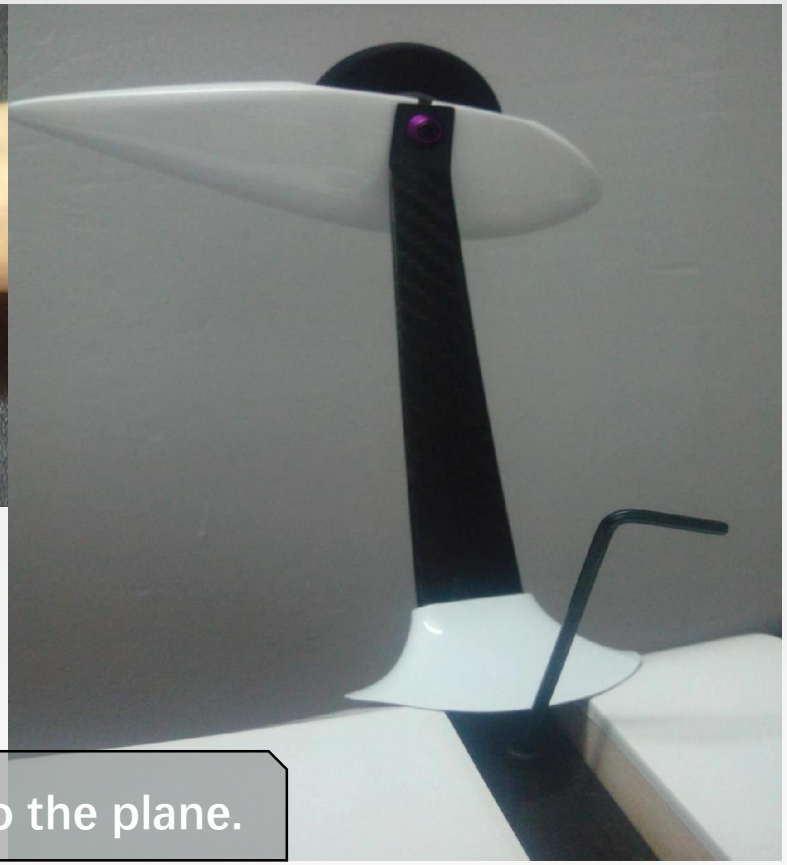




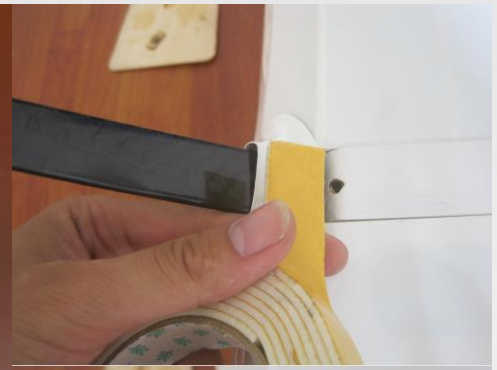
2. Insert the wheel into the pants, using the color washer rounding the screw and then through the landing gear, tighten the screw from the axle. The screw needs to be rounded with thread locking adhsives



3. Insert the two skirts through the landing gear before installing another wheel pant.

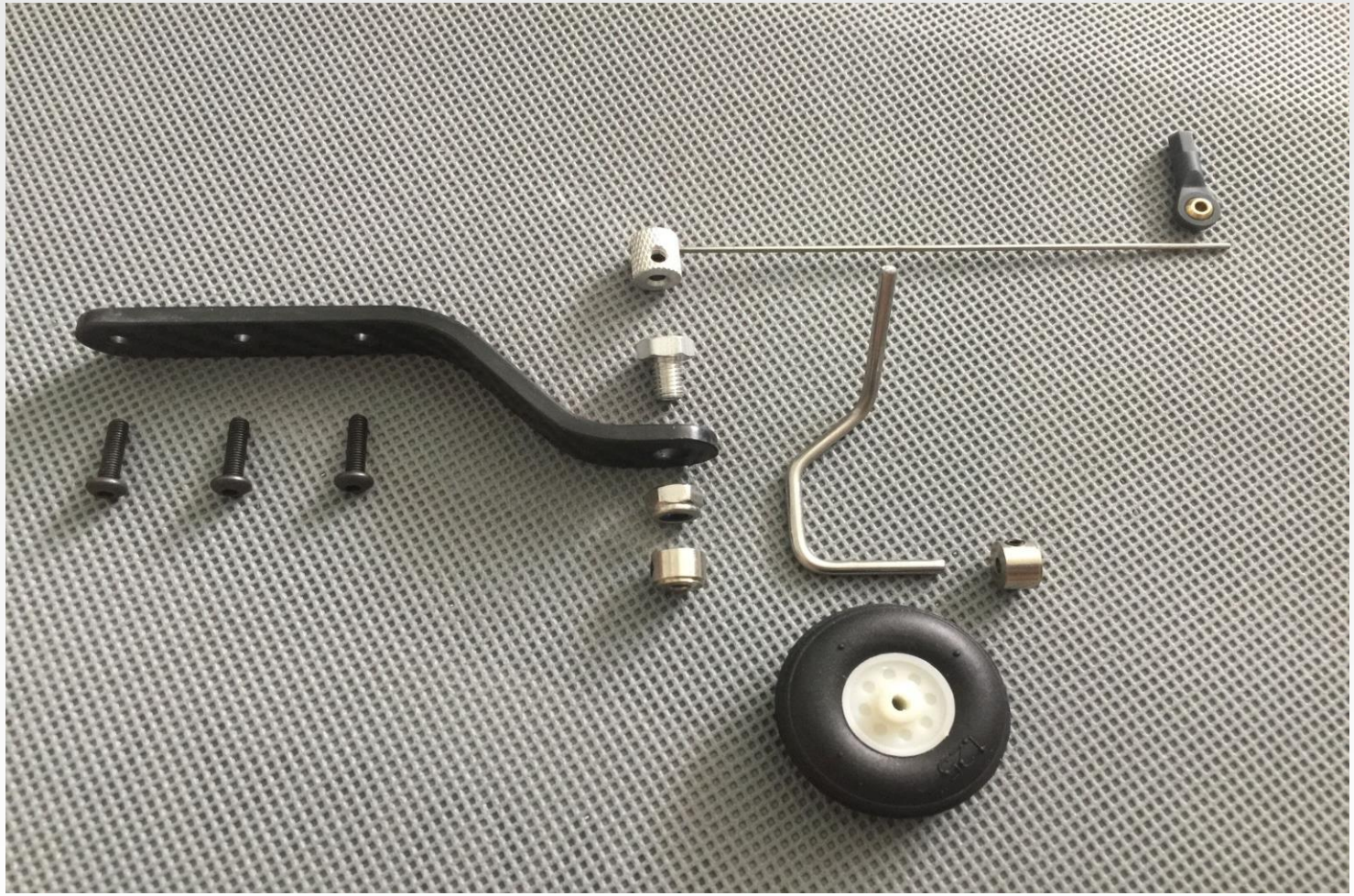


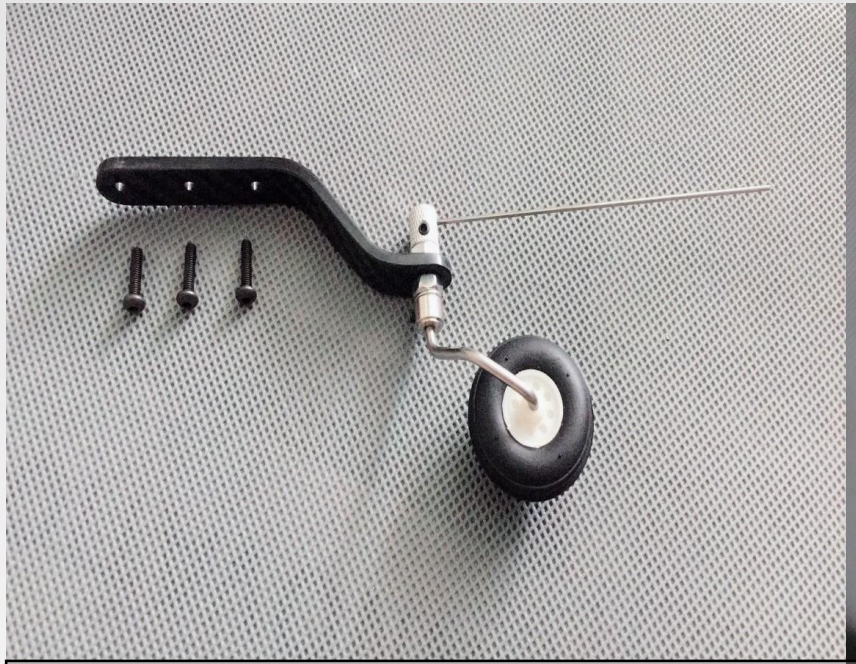
4. Fixing the landing gear onto the plane.



5. Using the double-side-tape to fixing the skirt and the wood plate.

6 Tail Wheel system



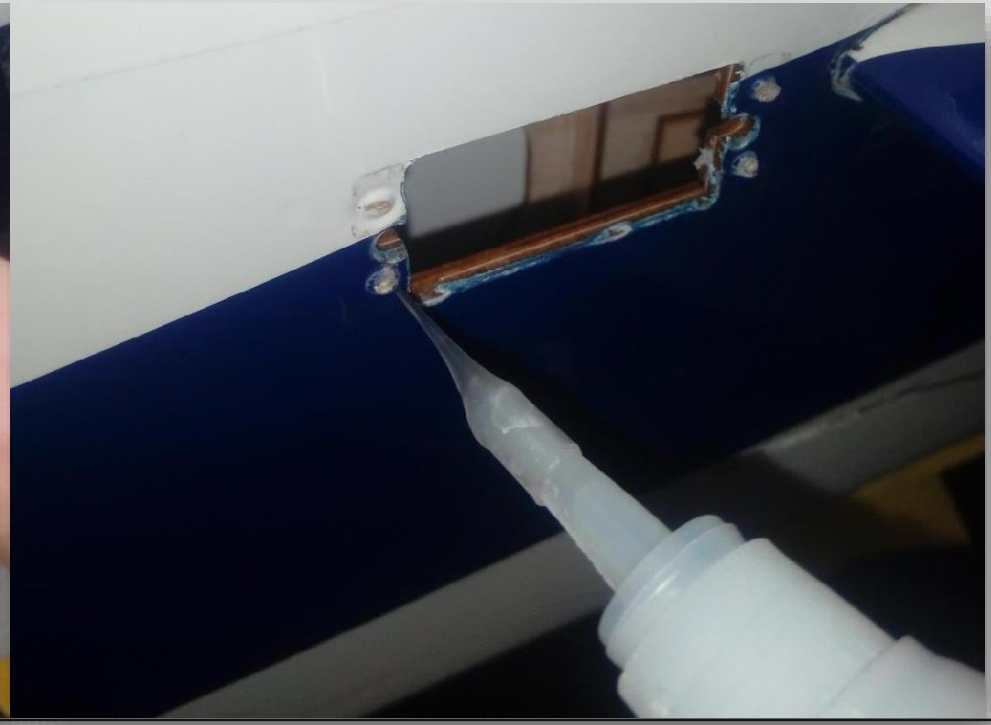


1. building the system with the parts in turn.
(the set screws needs to be rounded with thread locking adhsives)

2. fixing the tail wheel system on the rudder. (the screw needs to be rounded with thread locking adhsives)

3. Drilling the hole on the bottom of the rudder, then using the AB glue to fix the ball joint

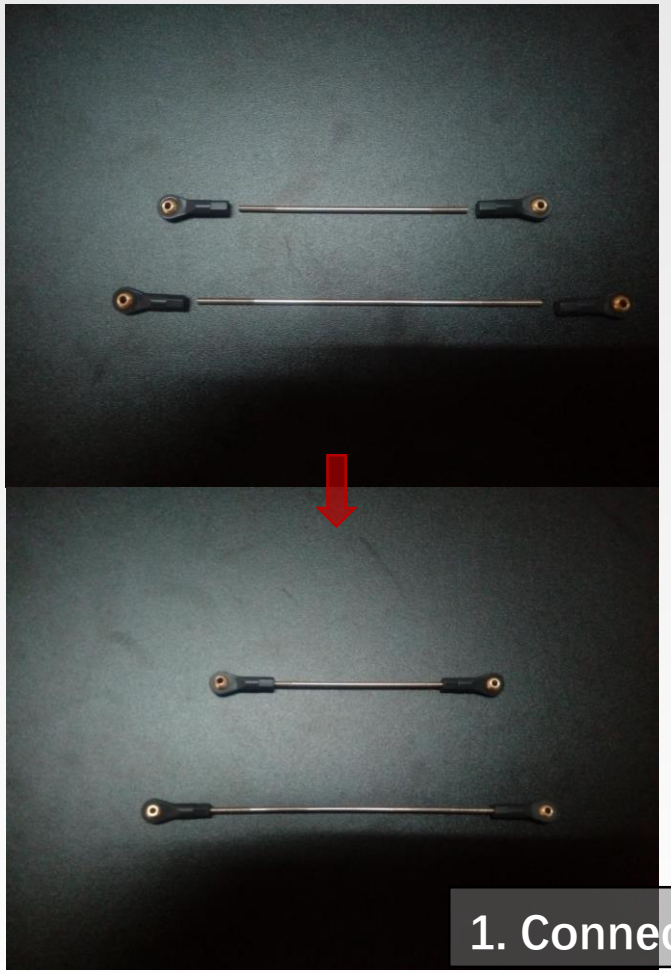
7 Servo installation



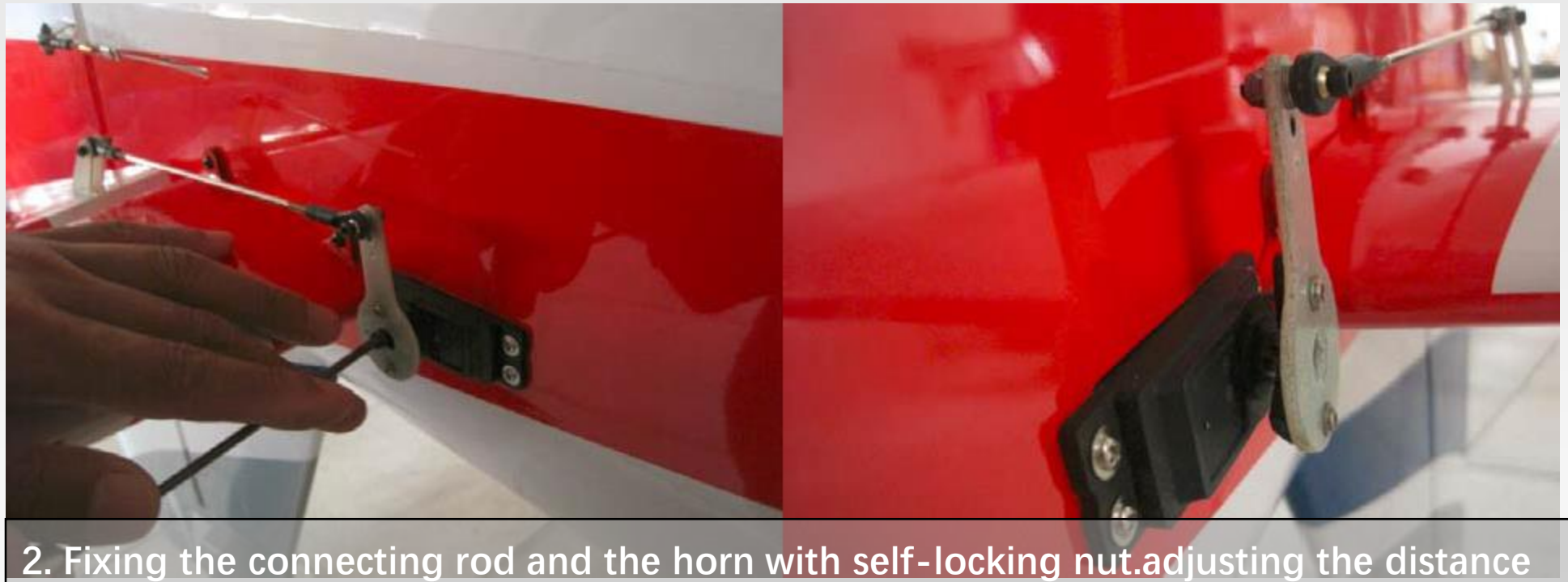
1. Insert the servo to the hole, than drilling holes on the plane, using drying rubber on the holes.

2. Tighten the servo with tapping screw.

8 connecting rod installation

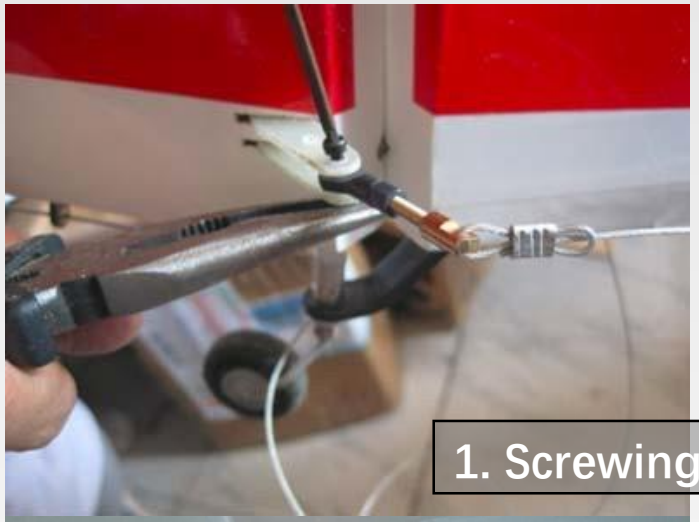


1. Connect the ball joint and the rod.

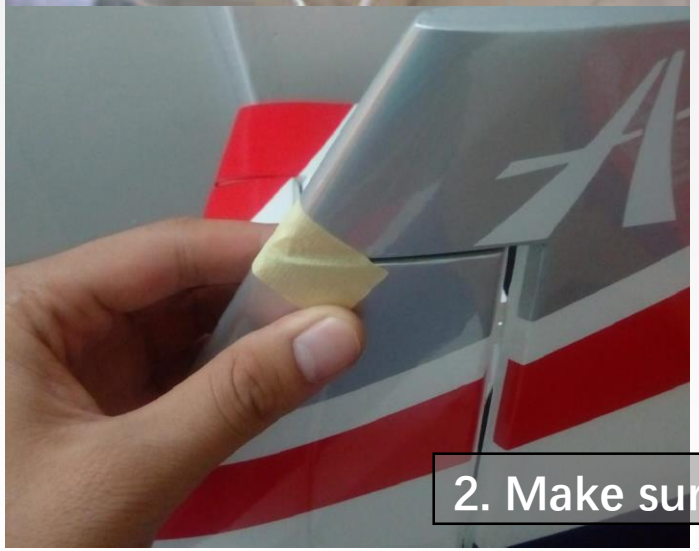


2. Fixing the connecting rod and the horn with self-locking nut.adjusting the distance between servo arm to the horn.(Photos from Edge 35cc)

9 cable of rudder

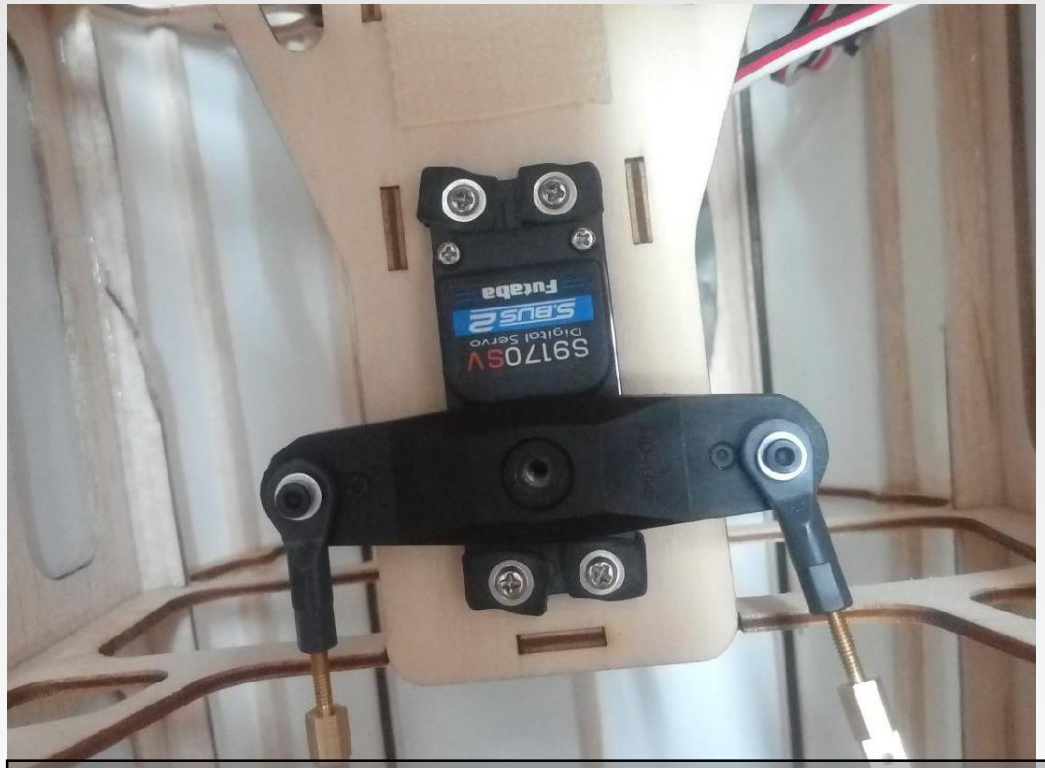


1. Screwing the ball joint on the rudder horn.



2. Make sure the rudder is in the mid-position.

3. Assembling the servo arm and the cable ball joint.

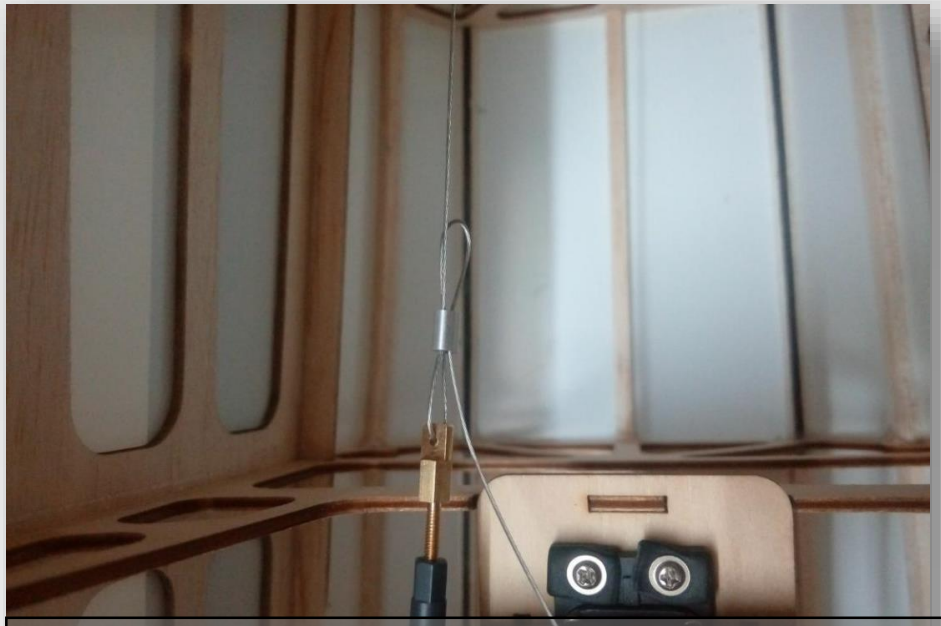


4.fix the arm on the servo, and make sure the arm is in a vertical position to the servo.

5.When the cable was taut, marking the position on the cable.

6. Crossing the cable through the Heat-shrink tube and the chuck

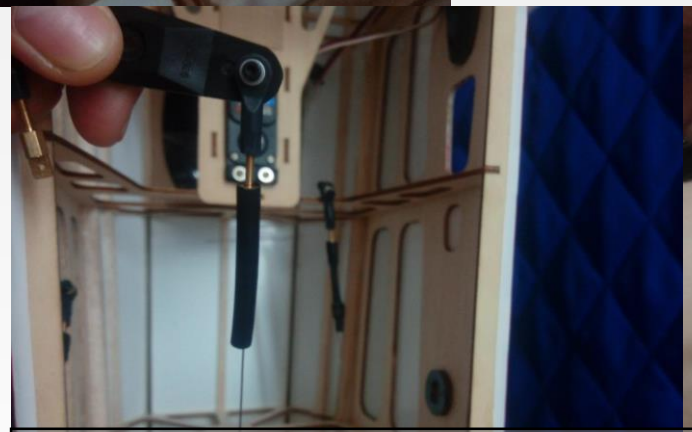
7. Cable go through the ball joint, tighten the cable to the mark position.

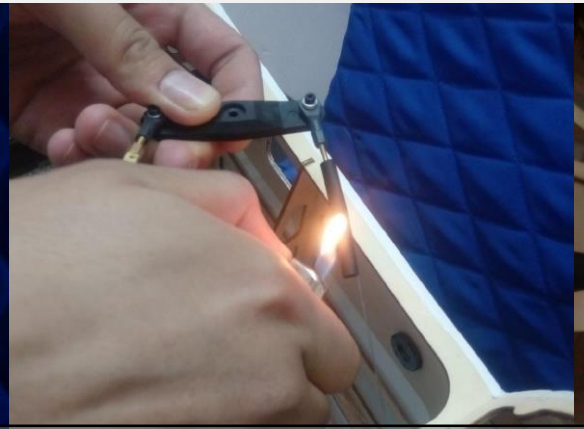


8. Then rounding back the cable and go through the chuck again.

9. Using the diagonal pliers to tighten the chuck and make sure the cable will not moving.

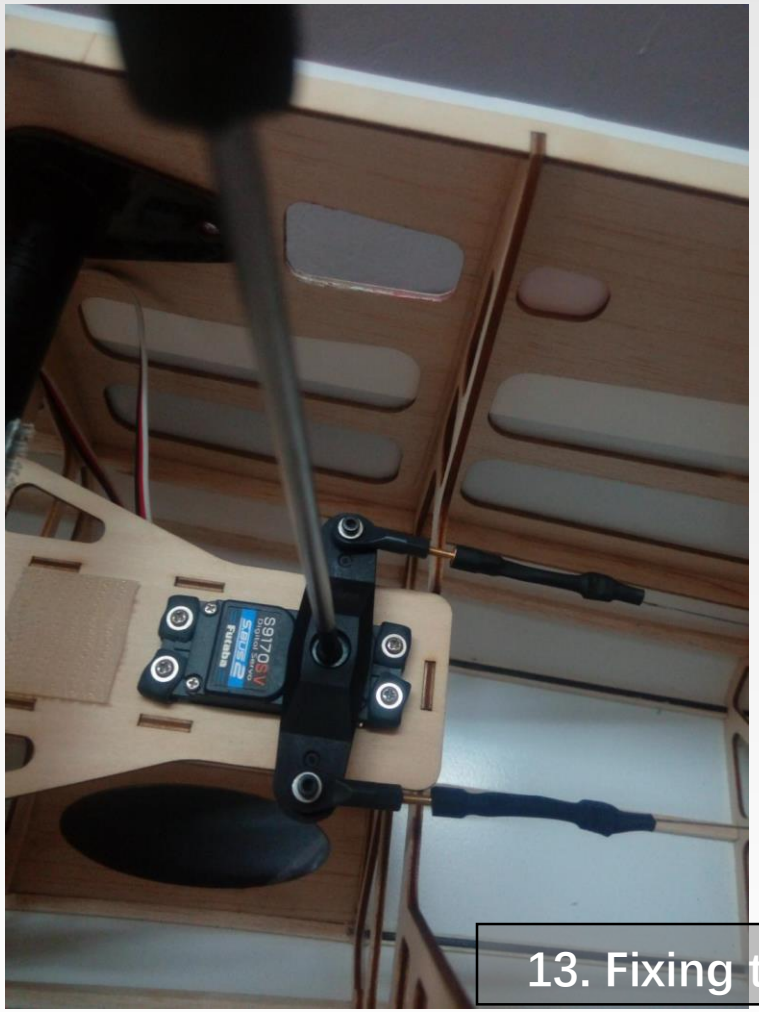
10. Cut off the cable.





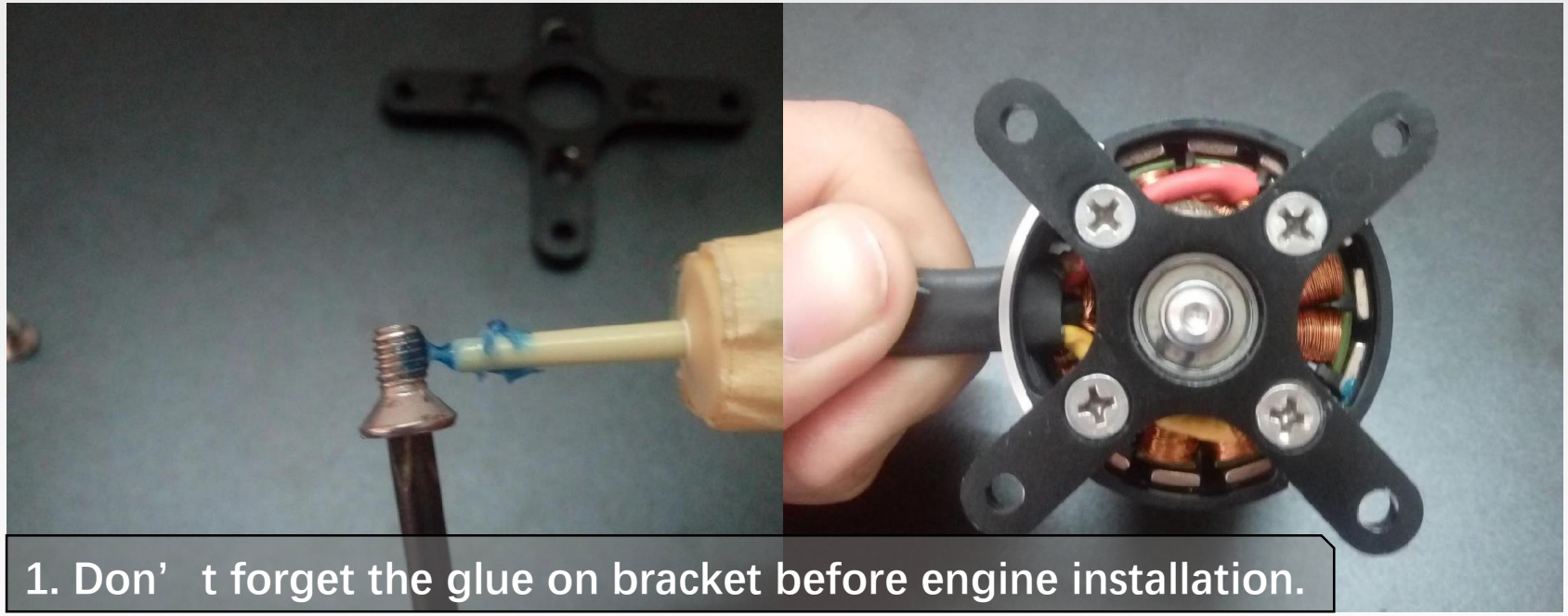
11. Heat-shrink tube rounding the connecting position and make it shrinkage with fire.

12. The same way to installing another cable, have to notice that the cable must be cross. Finally fixing the arm with screw on the servo.



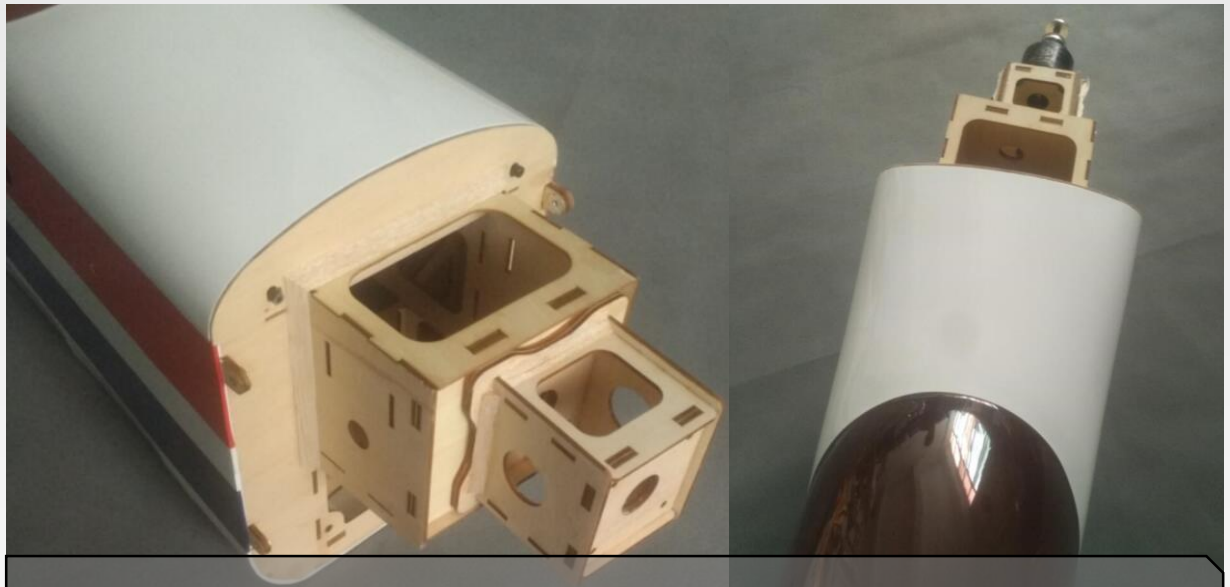
13. Fixing the arm and finish this installation.

10 Engine installation and testing.



1. Don’ t forget the glue on bracket before engine installation.

2. Drilling the holes on the plane depends on the different sizes of the engines.



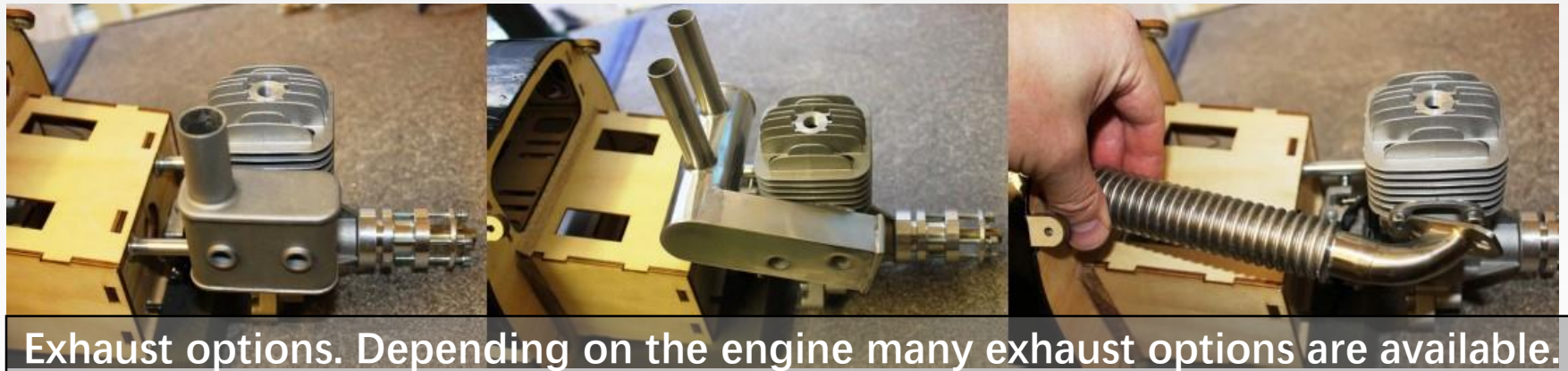
3. Motors need to installation the motor bracket first.

4. Use 3mm screw & self-locking nut & washer to fixing the engine on the plane.

Gasoline installation

Drilling holes to fixing the installation for your engine.

Mount the engine with the stand offs to the bulkhead. Remember to use large washers on the inside to spread the load and use plenty of nutlock.

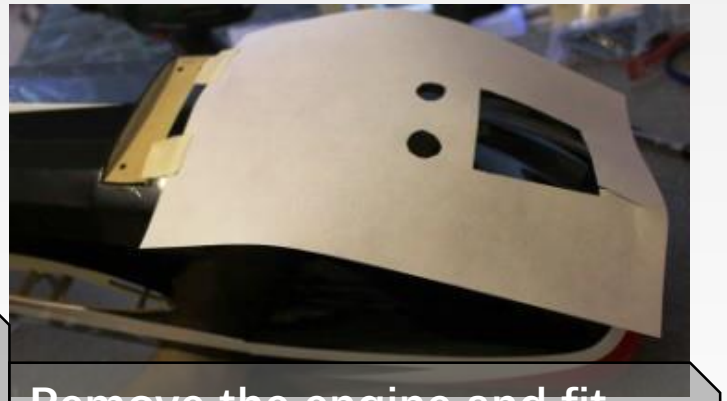


Exhaust options. Depending on the engine many exhaust options are available. Standard muffler, Pitts Exhaust of canister with header.

If using a canister a bracket is already inside the model. Using silicon tubing it will hold the end of the canister

The front outlet of the canister will pop out of the bottom of the cowl

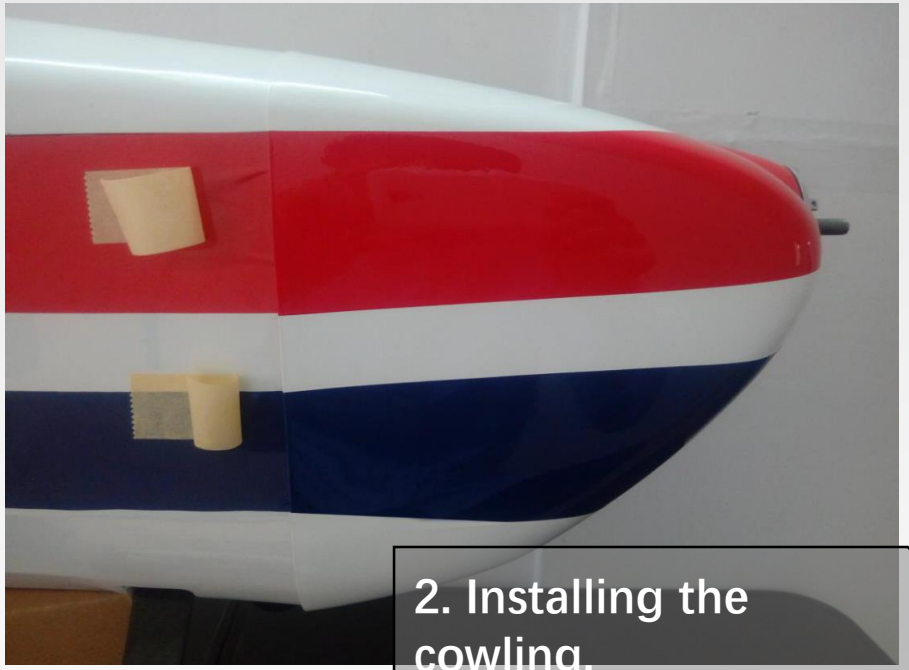
Cut out the area for the engine cylinder head and the exhaust outlet on a piece of thin card and tape this to the fuselage at one end.



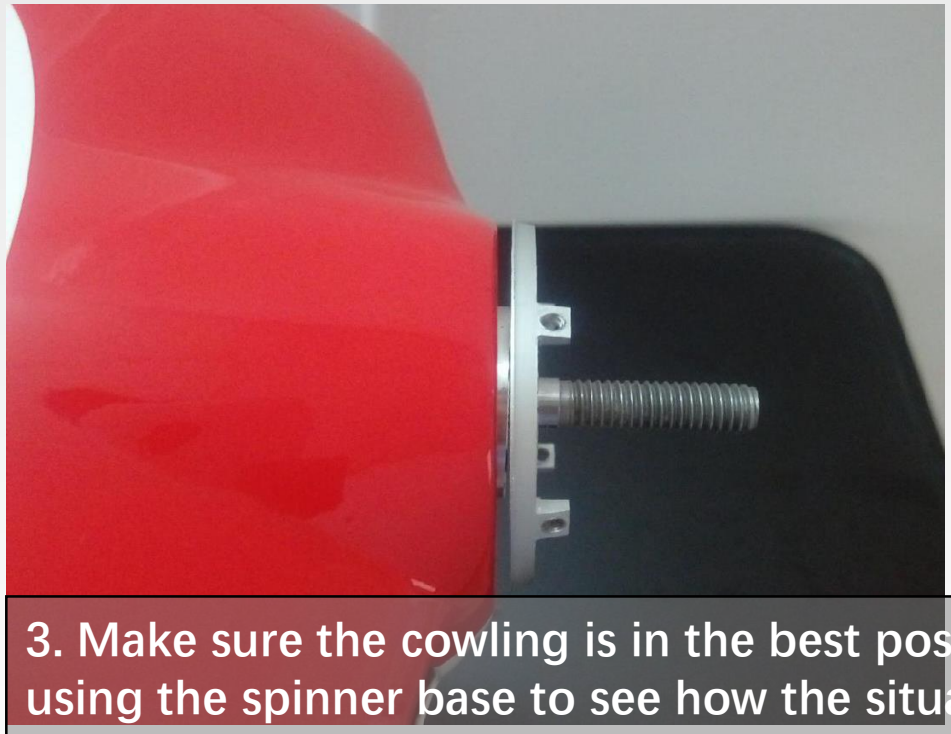
Remove the engine and fit the cowl, then fold the card back over.

11 Cowling

1. Sticking two tapes on the positions where the cowling will installed, and mart the position where the screws are. Drilling the holes on the tapes, removing the tape from the screw holes but still on the plane.

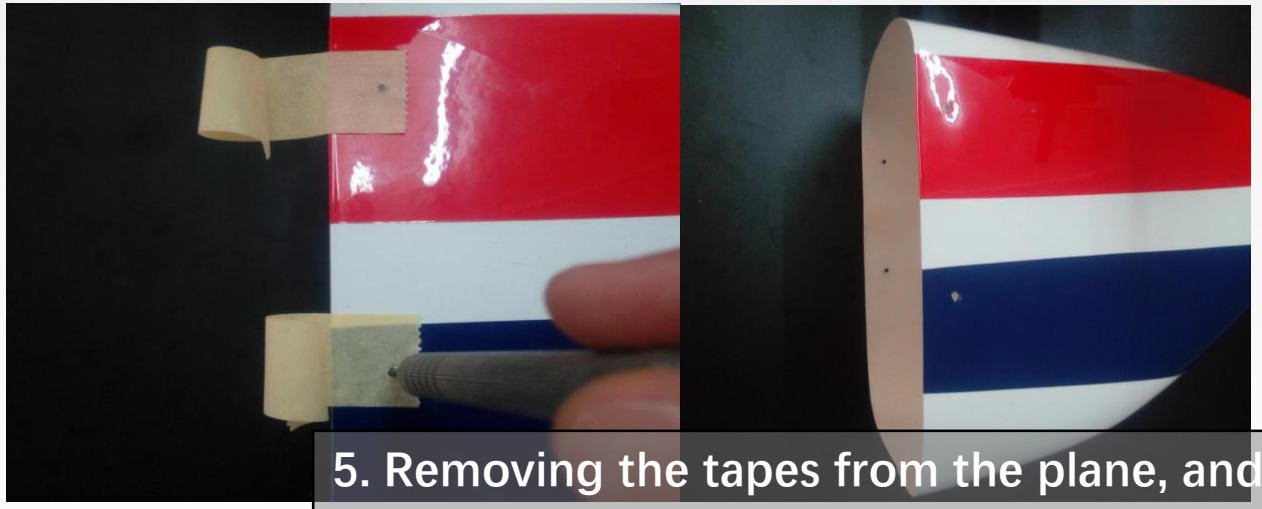


2. Installing the cowling.

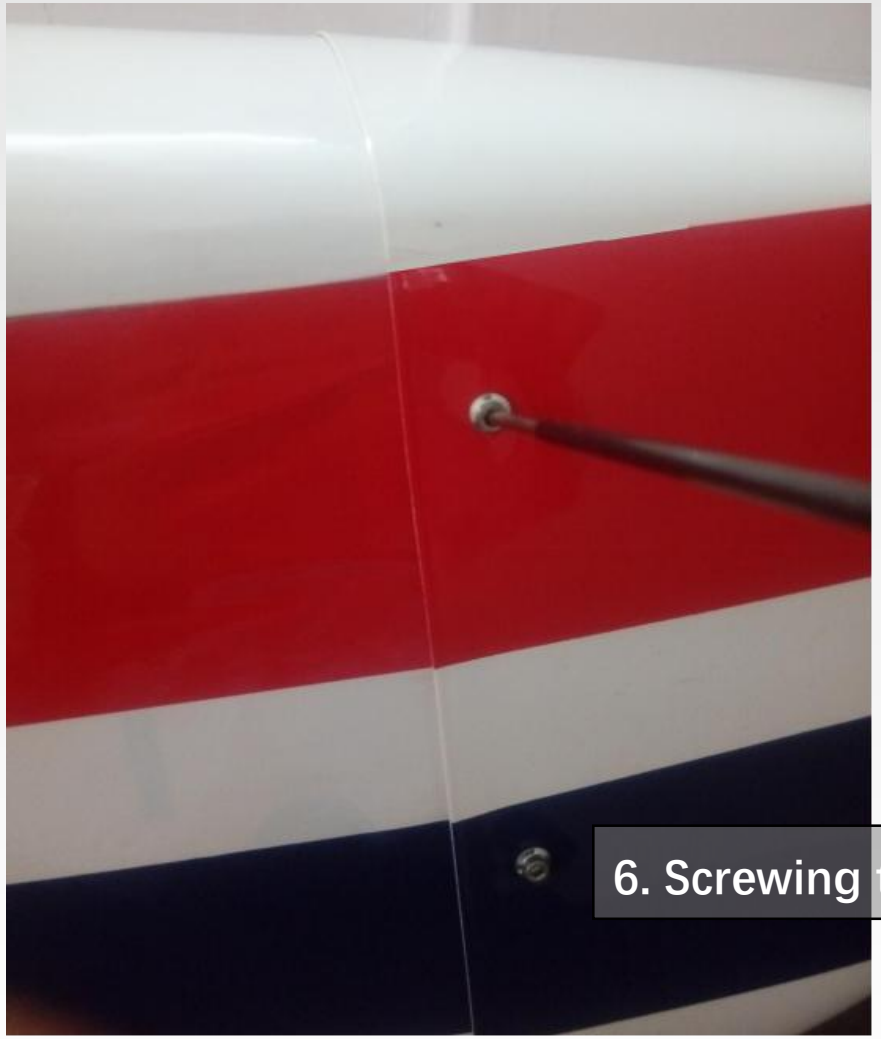


3. Make sure the cowling is in the best position, using the spinner base to see how the situation it is.

4. Stick the tape on the cowling after adjusting the postion.



5. Removing the tapes from the plane, and then drilling the cowling on the marked position of the tapes.

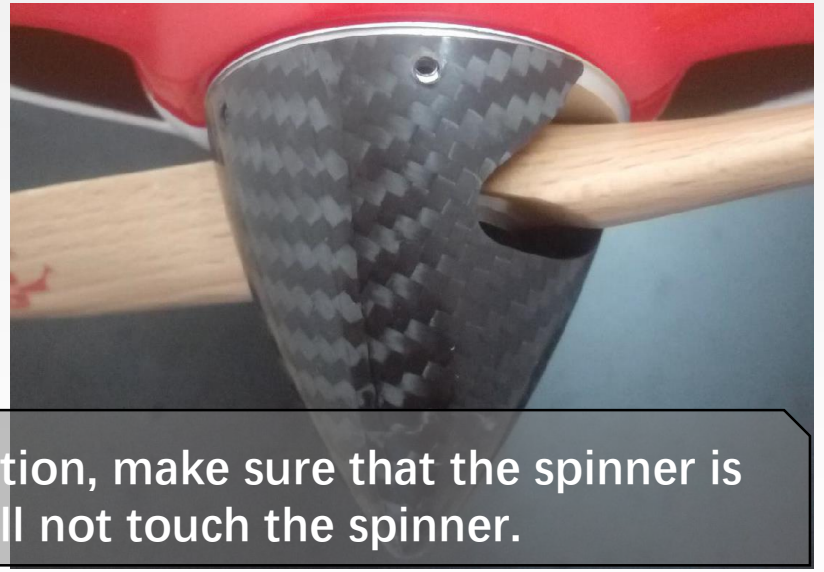


6. Screwing to tighten the cowling on the plane.

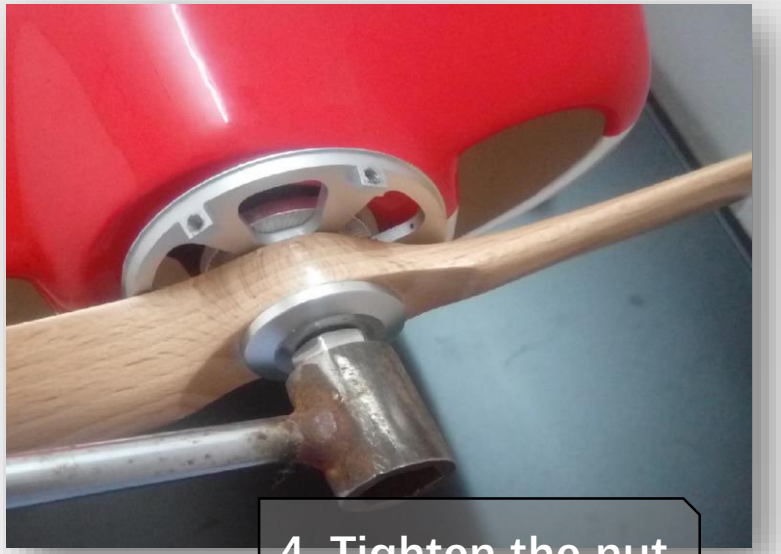
12 Spinner

1. Insert the spinner base and the prop first.

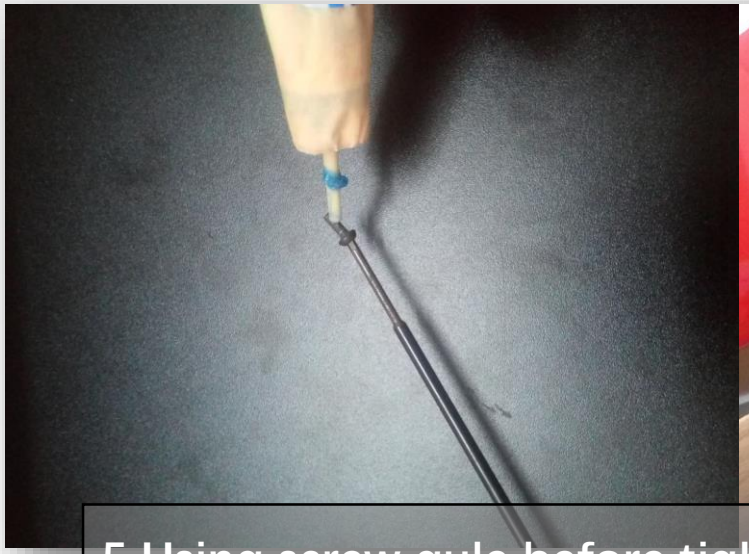
2. Then insert the washer and the nut too, tighten the nut only with hands.

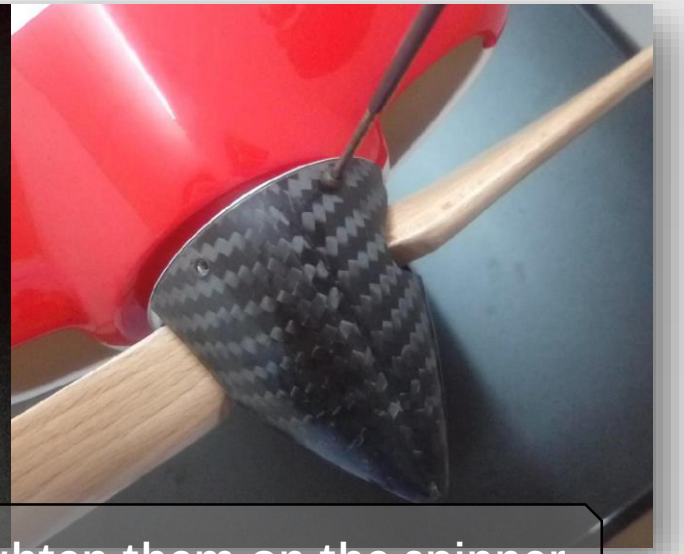


3. Adjusting the prop’ s position, make sure that the spinner is fits the base, and the prop will not touch the spinner.



4. Tighten the nut.





5.Using screw gule before tighten them on the spinner.

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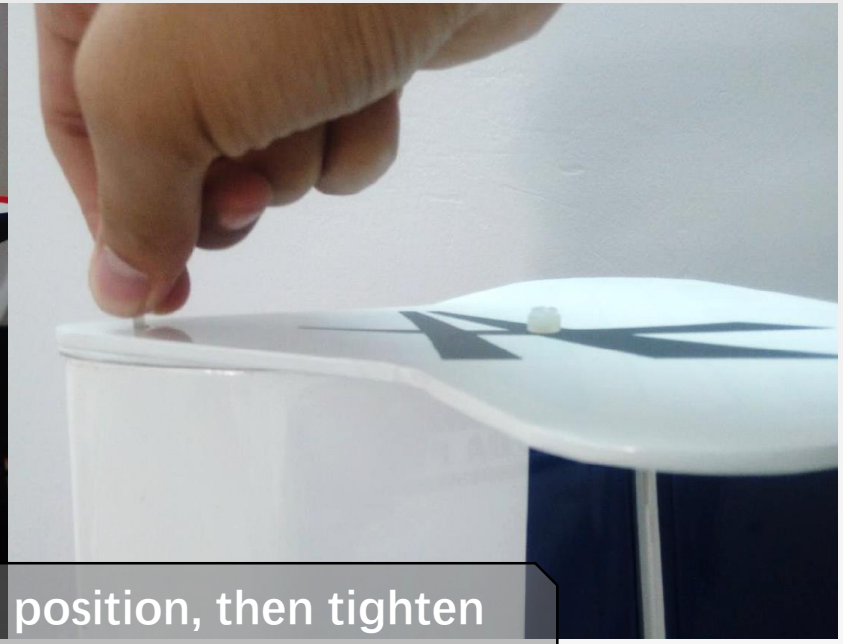
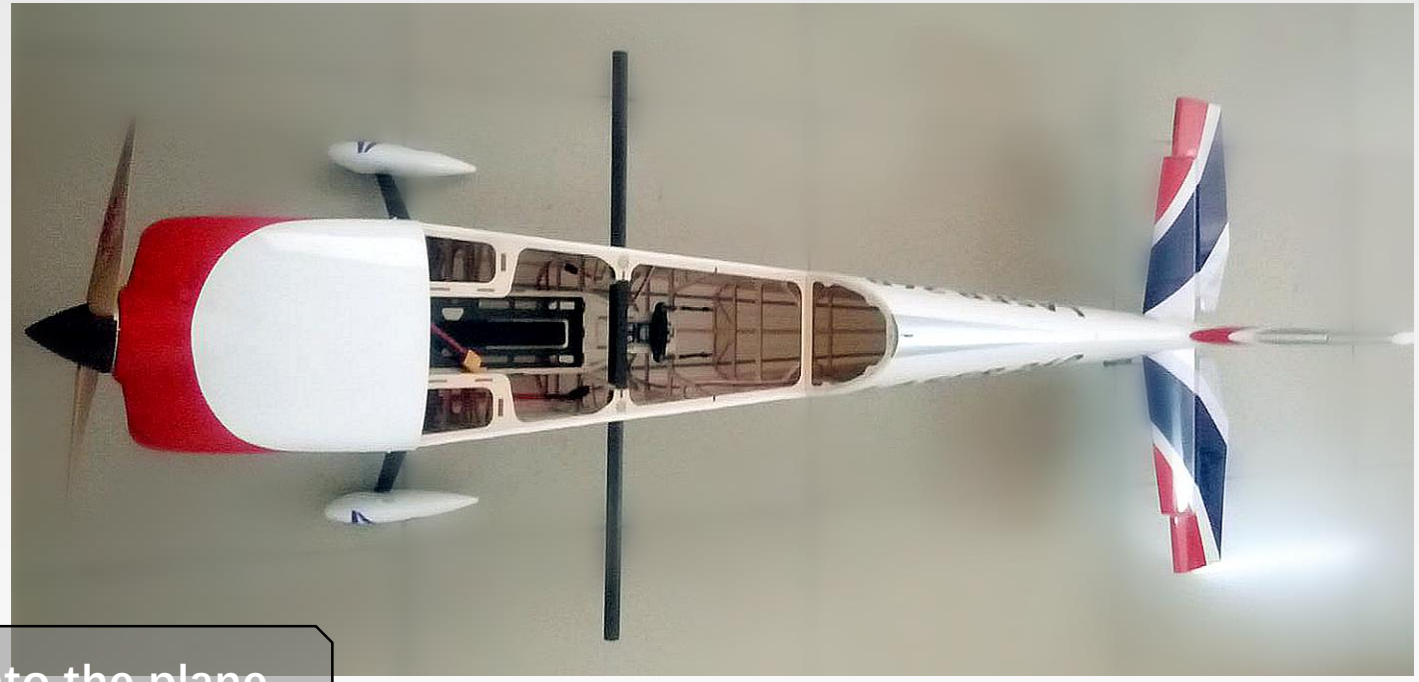
6.Spinner installation finished.

13 Wing Fence

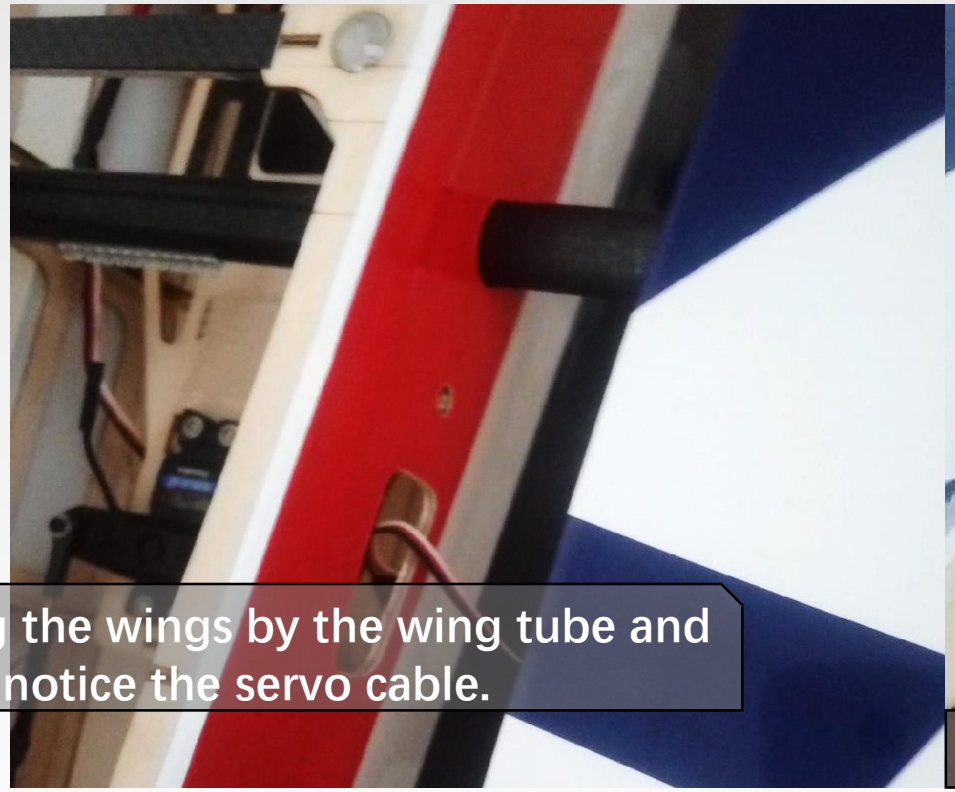


1. Put the wings, the gasket and the fence in the correct position, then tighten with the nylon screws.

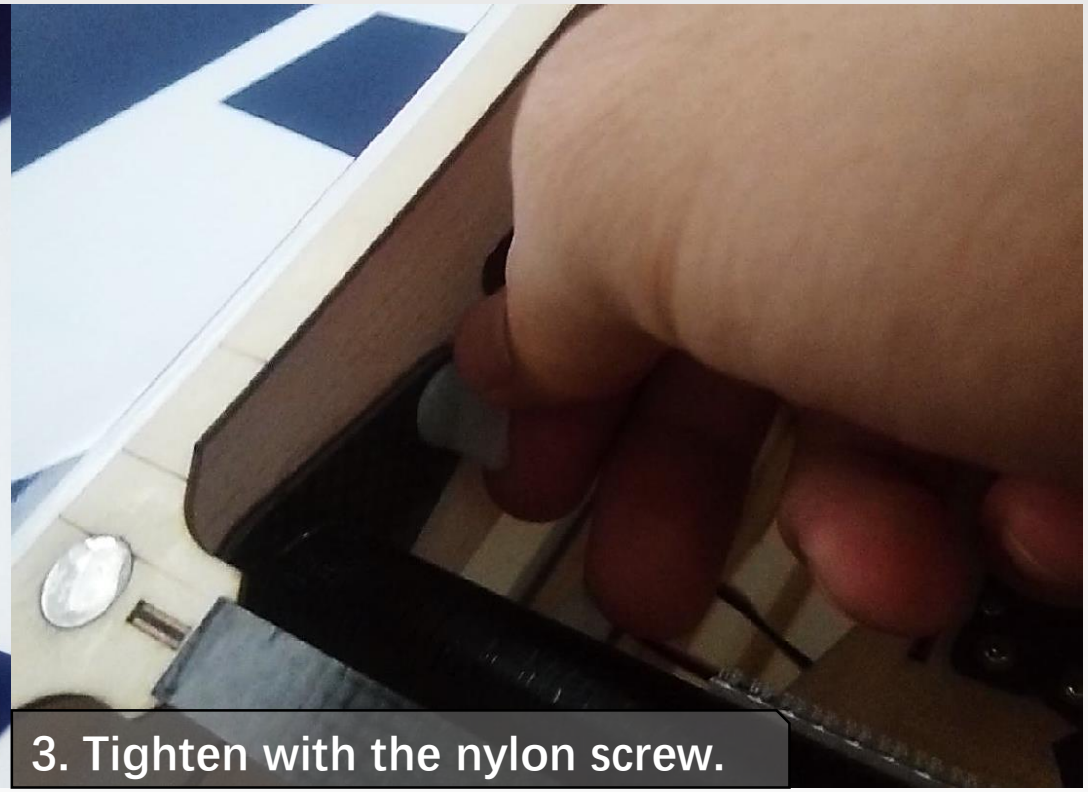
14 Wings



1. Insert the wing tube into the plane.



2. Fixing the wings by the wing tube and have to notice the servo cable.



3. Tighten with the nylon screw.

15 Ending

1. Velcro tape on the battery position.

2. Make the cables inside looked beauty.

Installation finished.

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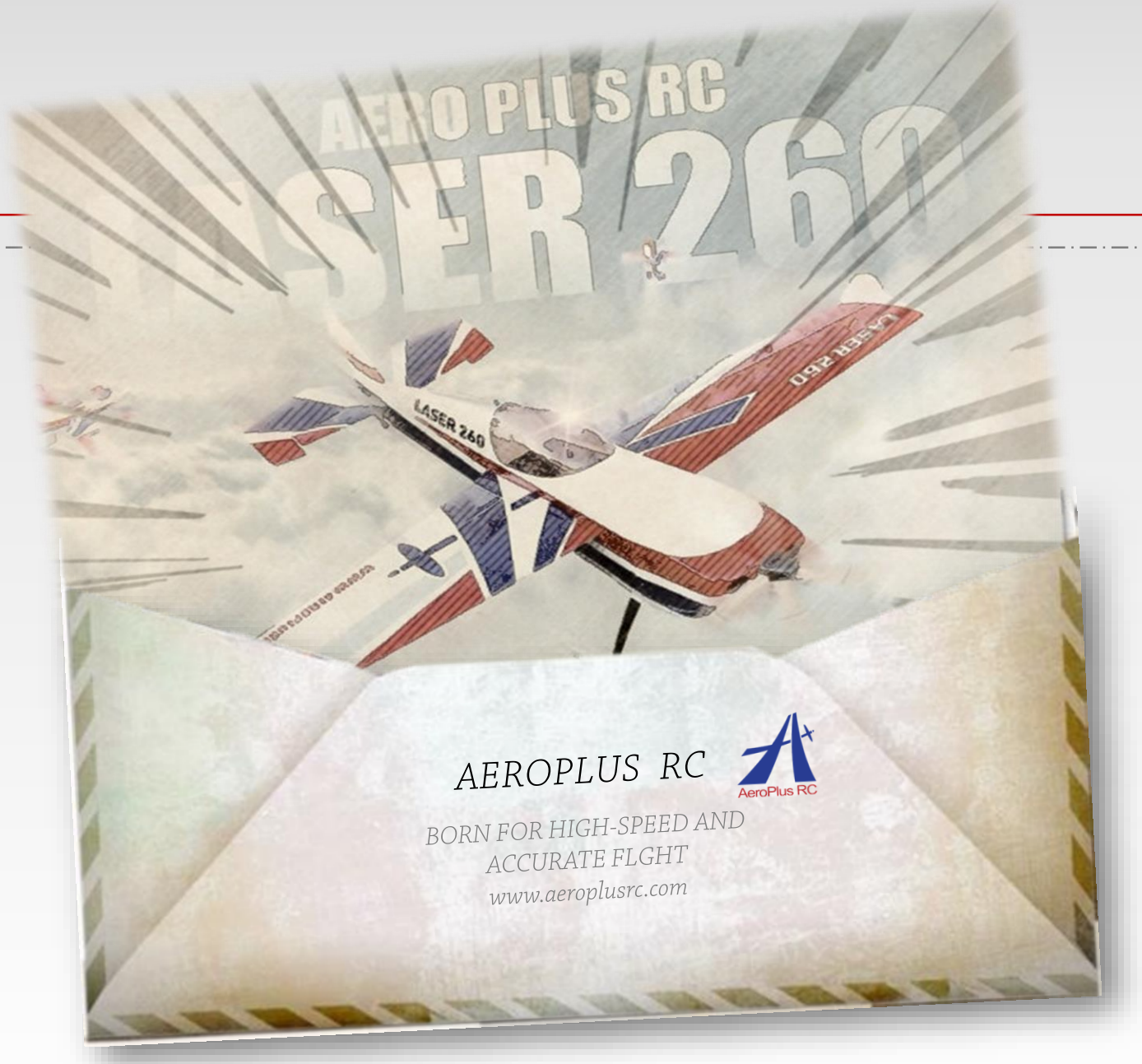
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