

Easyjet ARF Manual

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Recommended servo's minimum (wren 44)

1 x DS 5391 Elevator (5 kilo torque) 12 kilo holding

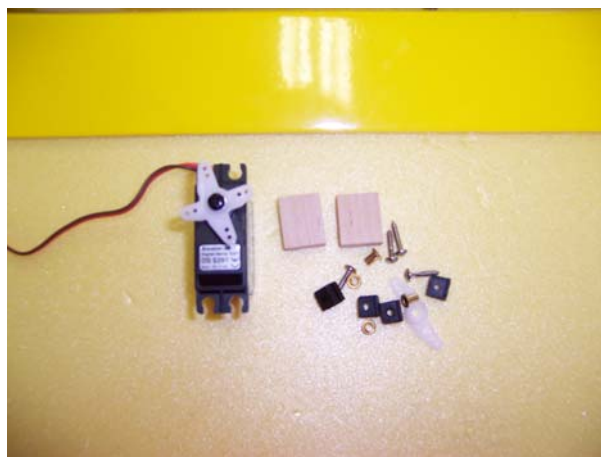
5 x DS 8077 Aillerons/flaps /frontwheel (5 kilo torque / 8 kilo Holding)

2 x DS 3328 or any other small servo for Rudders

1.Elevator assembly



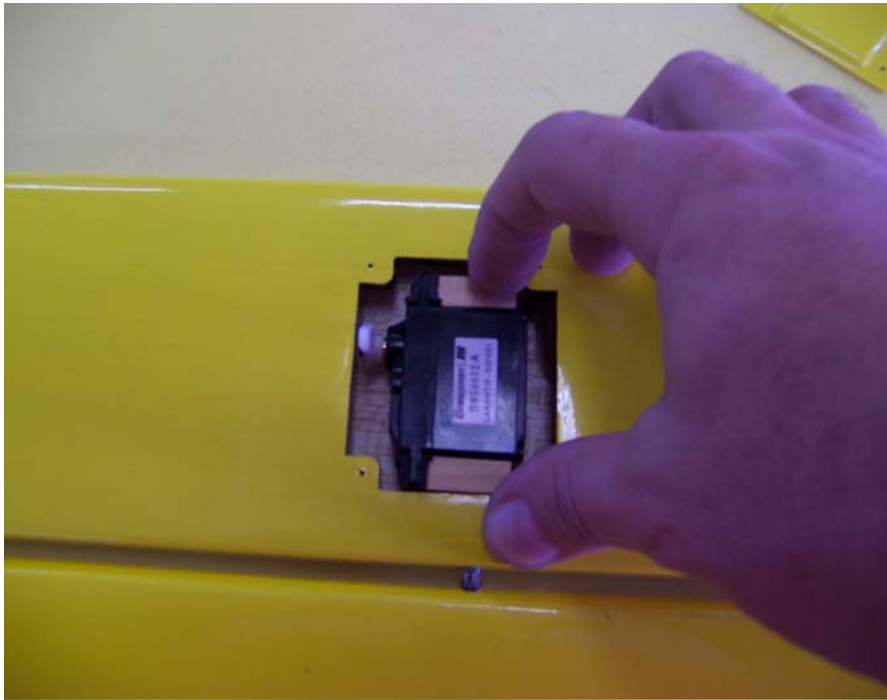
- 1 . Remove servo cover
2. Get all the parts from the accessoires pack
- 3.Servo DS5391 is needed



Mount the wooden Block to the servo make sure the blocks are mounted equal to the side of the servo



Make sure you align the servo in the neutral position so that the servo arm is in upright position and the arm stick out on top!
Apply some epoxy glue (30 minutes) apply glue to the wooden blocks only.
Mount the servo as seen on the picture.
Leave some space between the servo arm and the outer line as shown on the picture



Let the glue dry

Now cut with a dremel the servo cover for the servo arm to travel fully from left to right



Mount the cover and the first part is done!

Mounting the control horn on the elevator surface

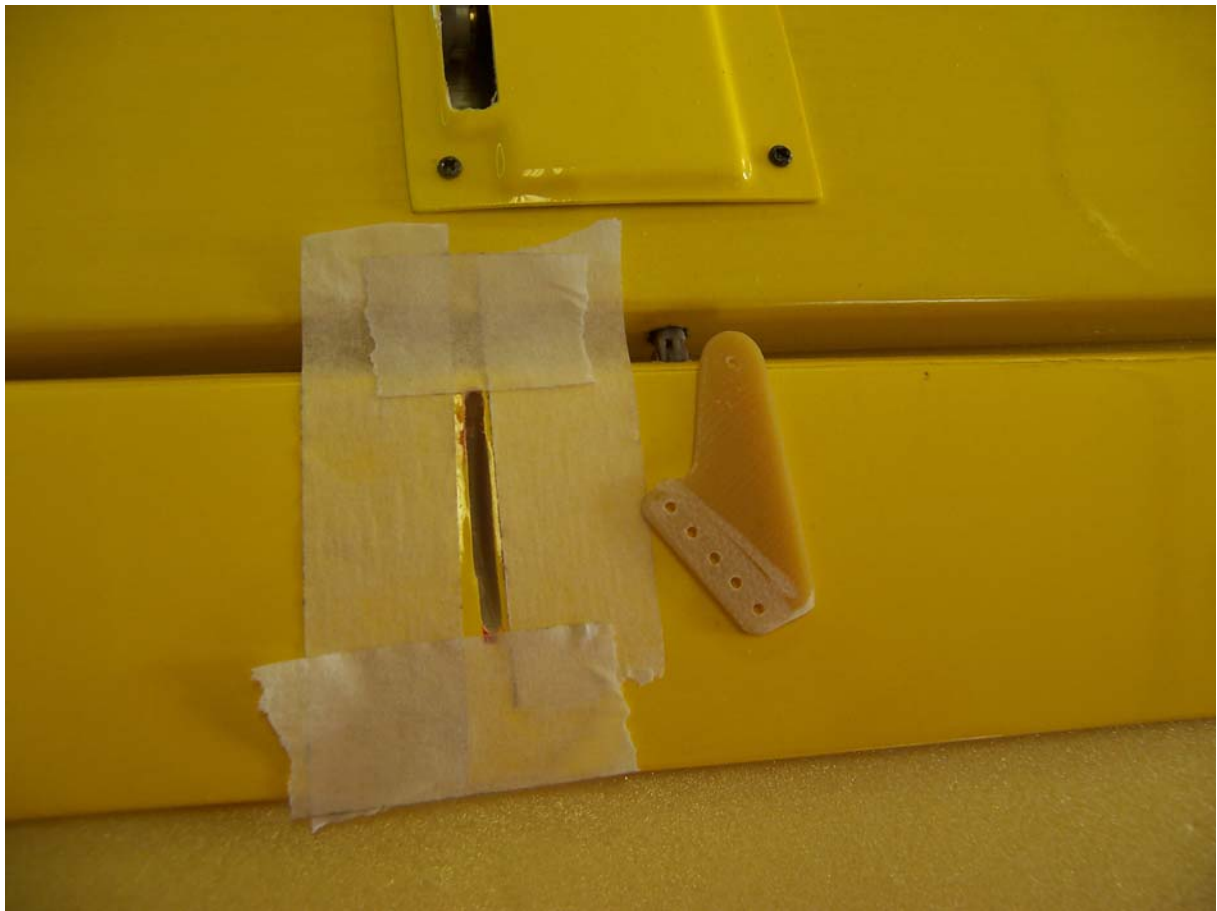
Cut a piece of the control horn like on picture.



Draw a line linear to the servo control horn and mark it!

On the LEFT (3mm) you cut with a Dremel the slot to fit the control horn.

IMPORTANT:you NEED to offset it to the left , otherwise the ball link wont fit!!



Apply 30 min Epoxy again fill the slot , grind the control horn for the glue to hold , and press it in the slot.

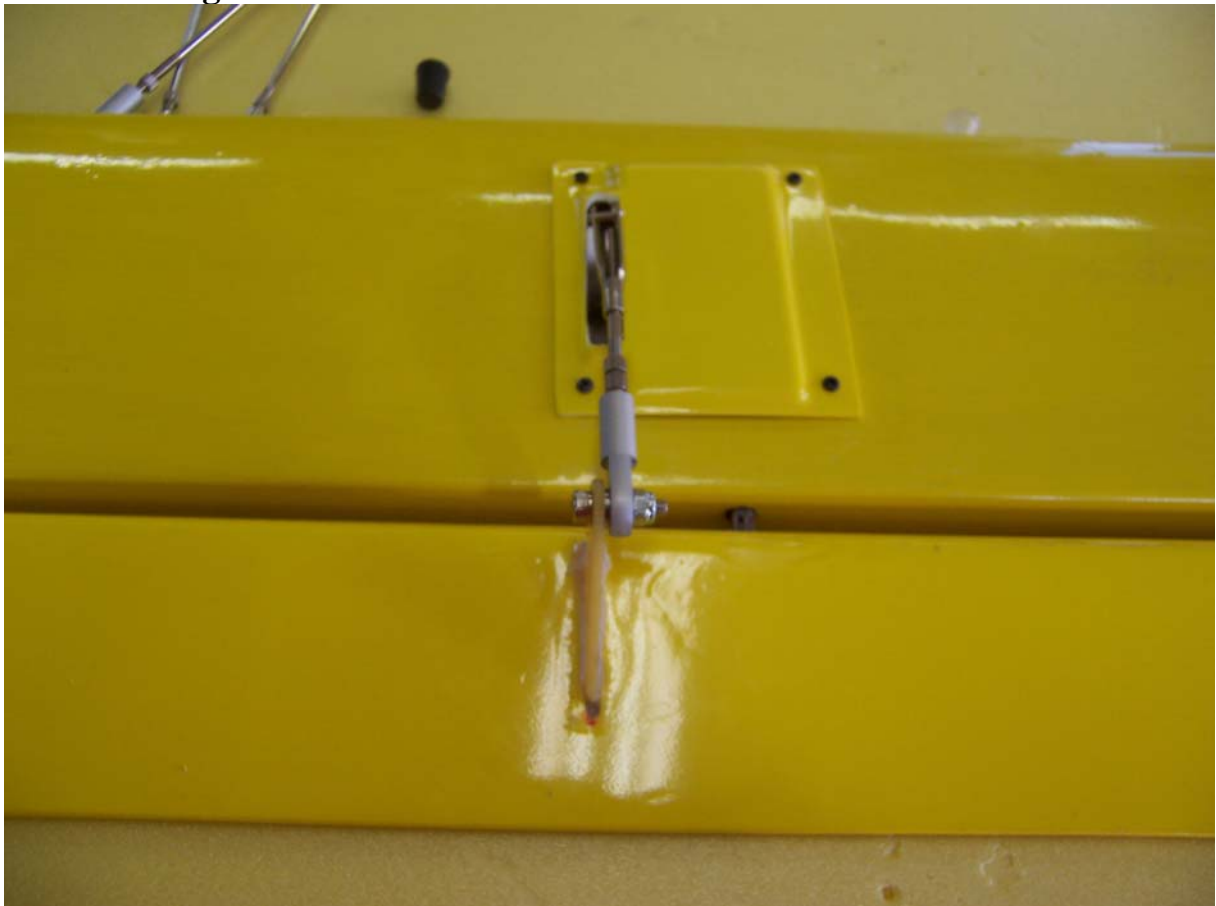
Use masking tape to get the glue only where you want it ;-)



Make sure the pivot point is ABOVE the opening between elevator control surface and the elevator.

Now Remove the elevator surface

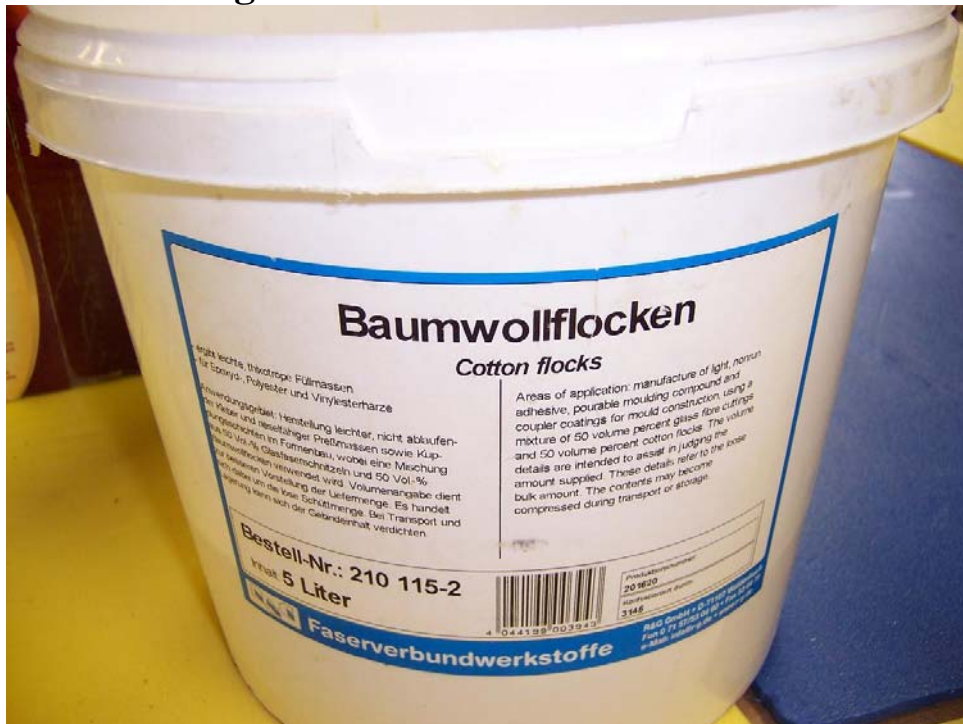
Glue the hinges in the elevator



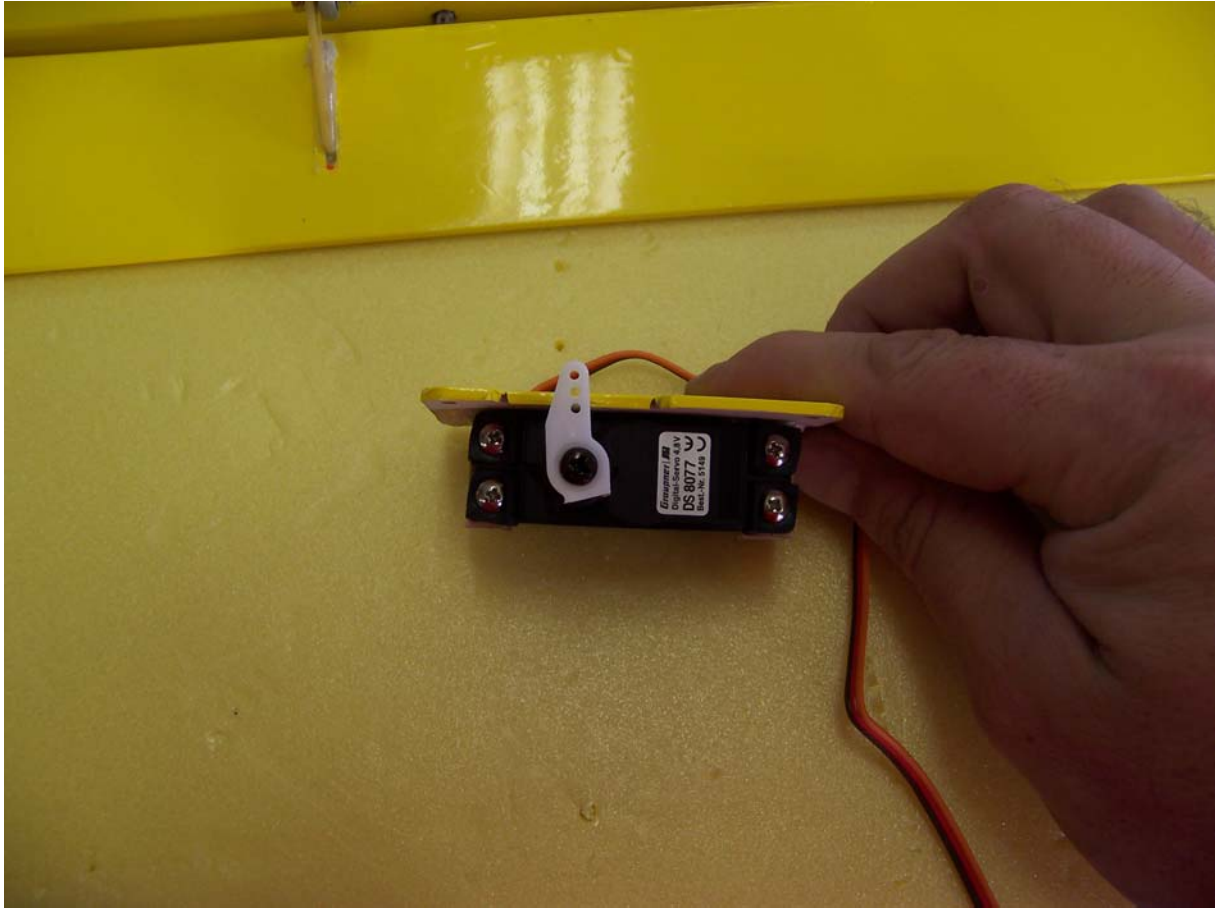
2. Wings

Mounting the Servo,s in the wing:

**Attention: To get the best results
Use ZapPoxy 30 minutes
Together with 25% Cotton flocks**



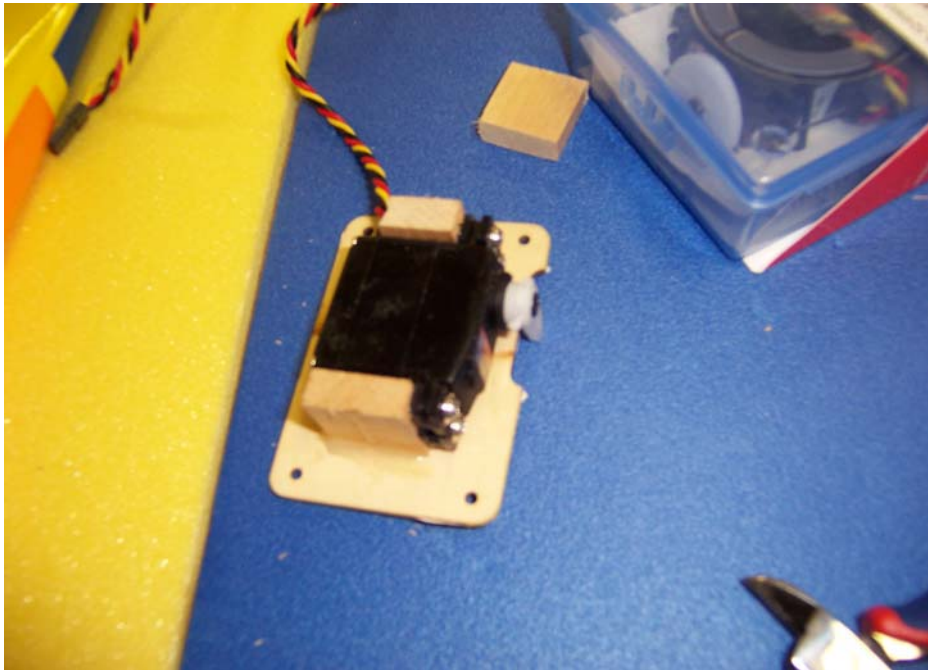
Servo is mounted on the cover from each surface control on the wing!



**Again mount the 2 wooden blocks to the servo's
Align the servo in this position (neutral)
Make sure it is in the middle!**

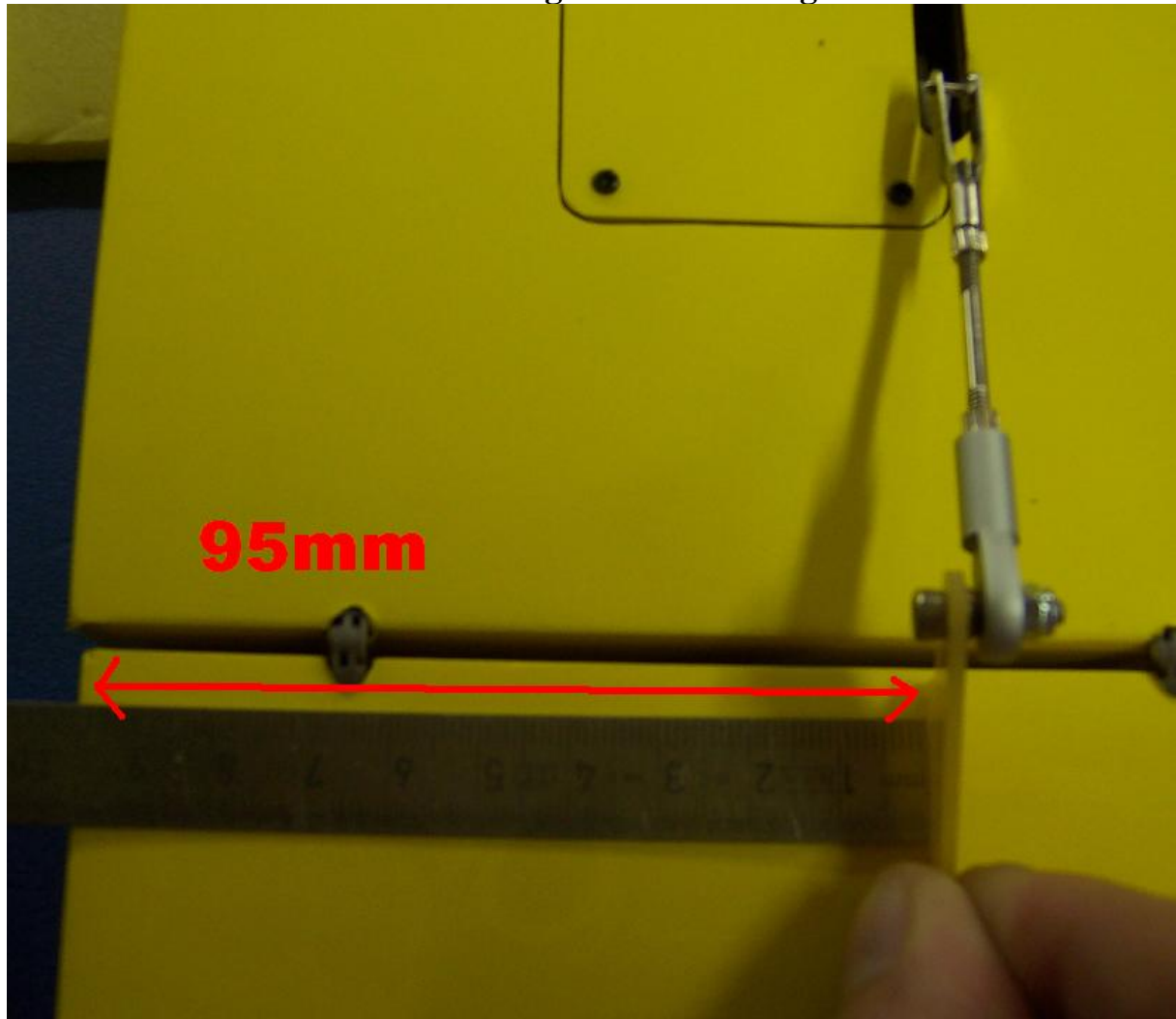


**Do the same for the Flap,s also
Repeat the same for the other wing also.**



Mounting the control horns on the ailerons and Flaps

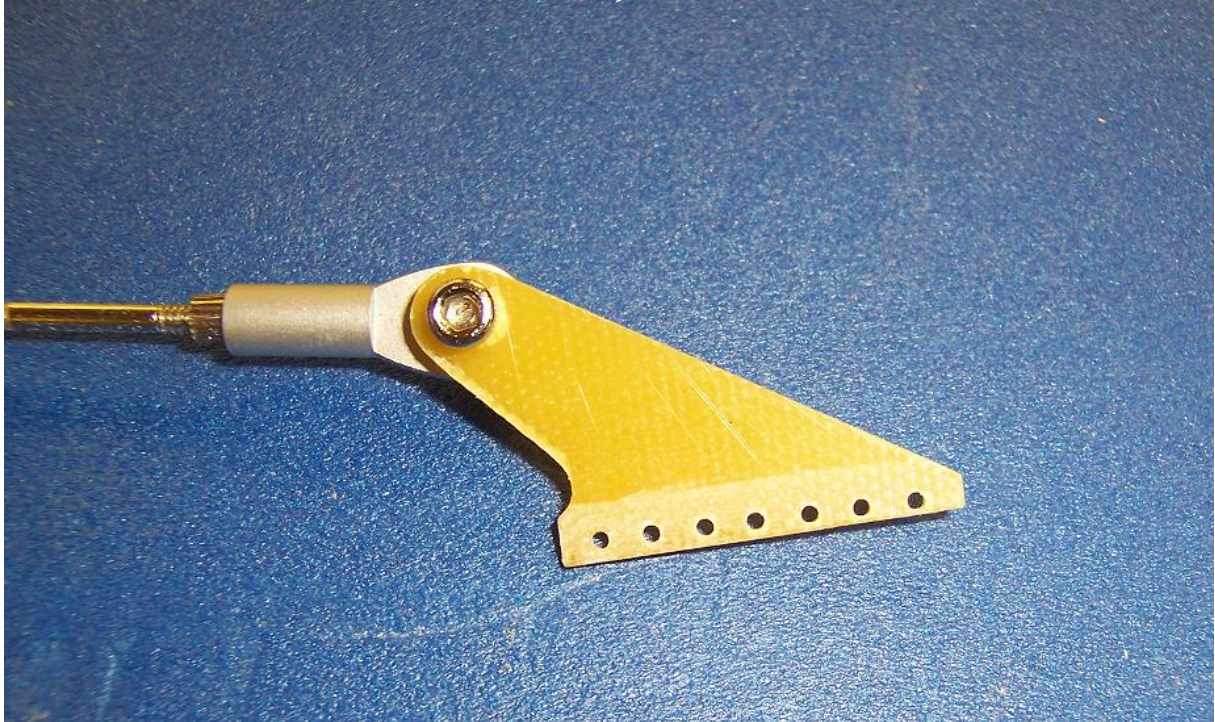
Measure from the inside of the wing 95mm to the right mark a line there





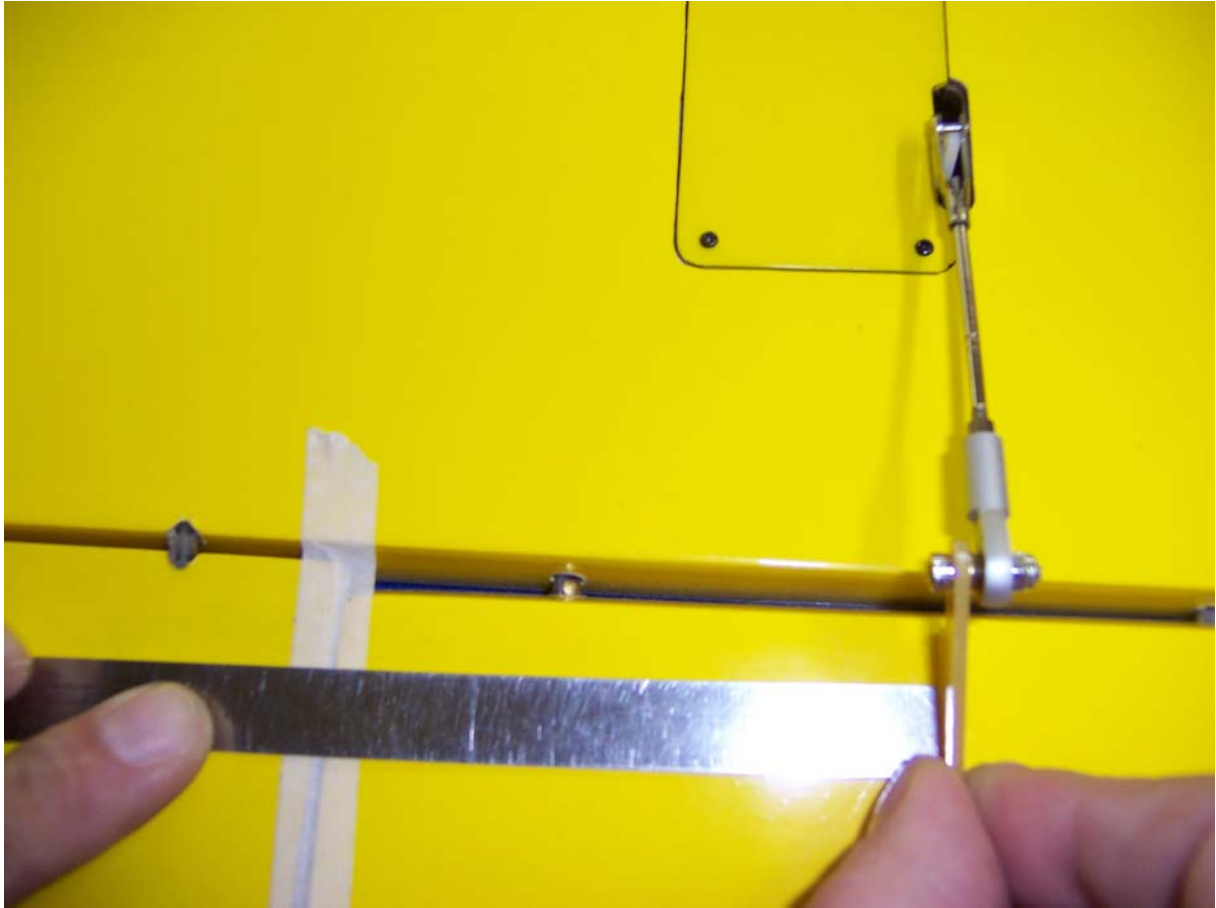
**Be carefully not to cut to deep!
When mounting the control horn also make sure the pivot point is above
the opening between the wing and surface.**

Make sure before applying glue that you sanded the surface of the control horn.



Repeat the same steps for the Aileron

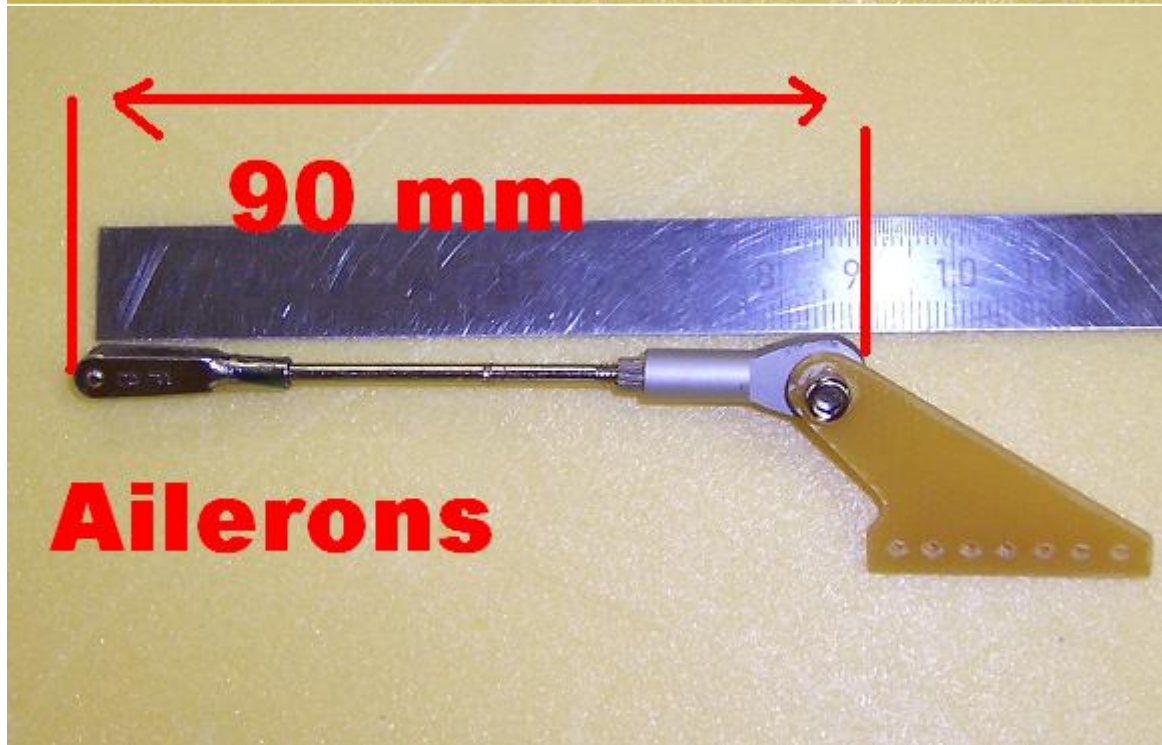
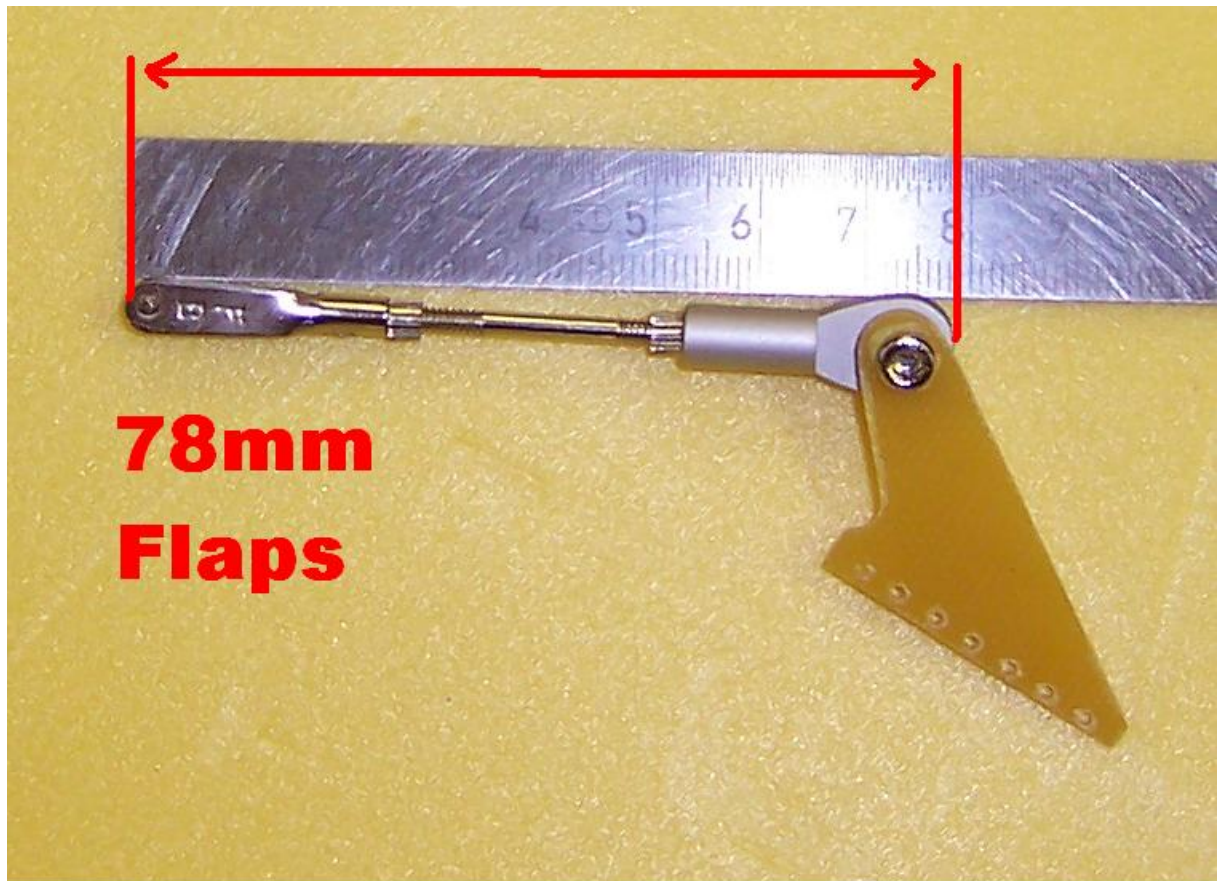
The offset for the placement of the control horn is 90mm from the inside!



Cut both Pushrods to length

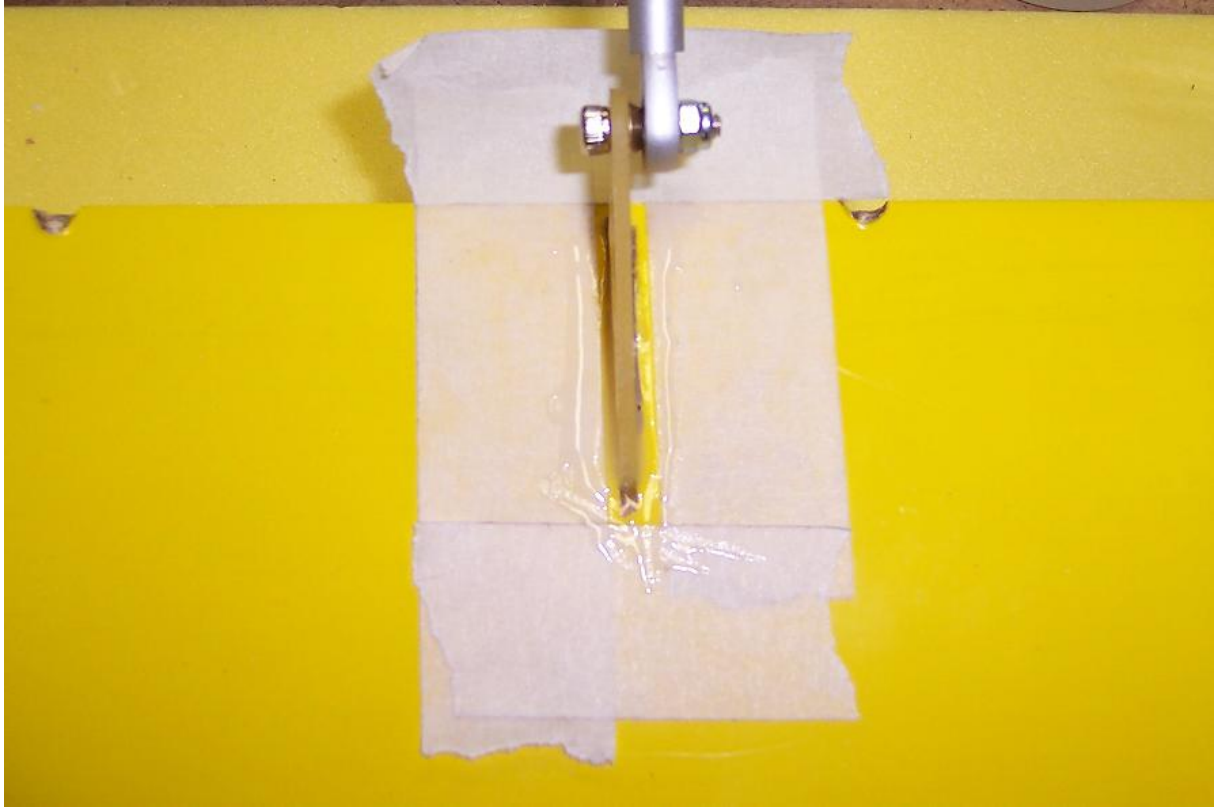
Then check the length between Servo and surface control

When Length is correct supply some drops of Locktite to lock them



**Now Glue in the Robart hinges make sure you don't apply glue to the pivot point!
Start with the wing first!**

Glue:



3. Mounting Landing Gear

Mounting Landing Gear (picture shows Optional “De Luxe” gear)



Remove M3 Screw from oleo



Now use a drill 5mm and drill all the way thru the oleo

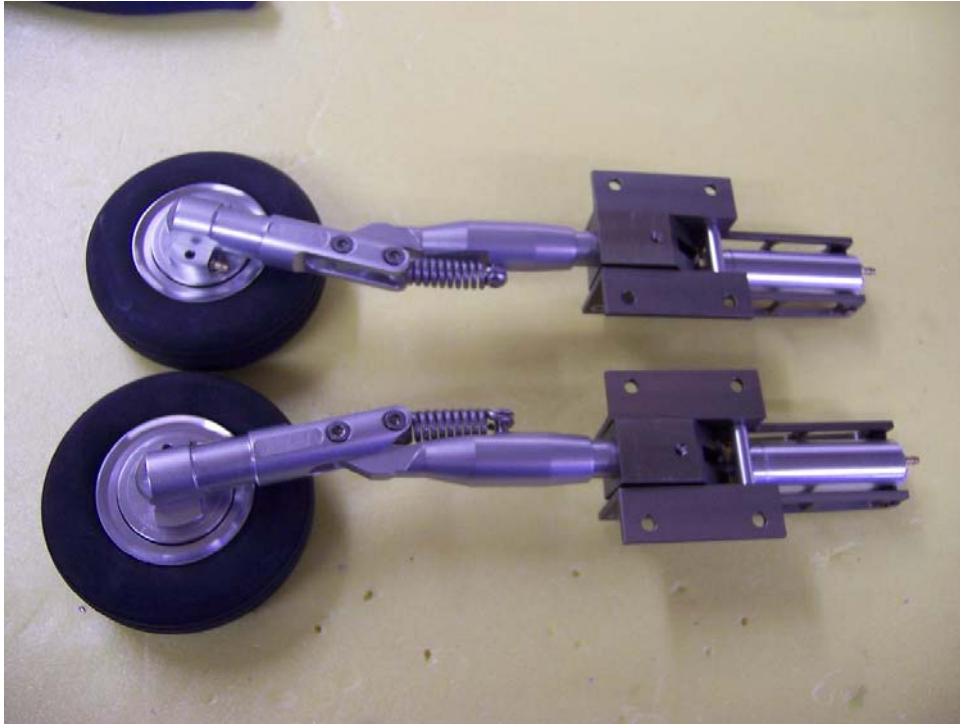


**Now mount the plate delivered with the gear
Like picture while the pin centres the axle..
Drill thru the pre drilled hole into the oleo
Drill about 4mm inside the oleo
Now use a small piece of M2 or M3 screw to hold the plate in position.**

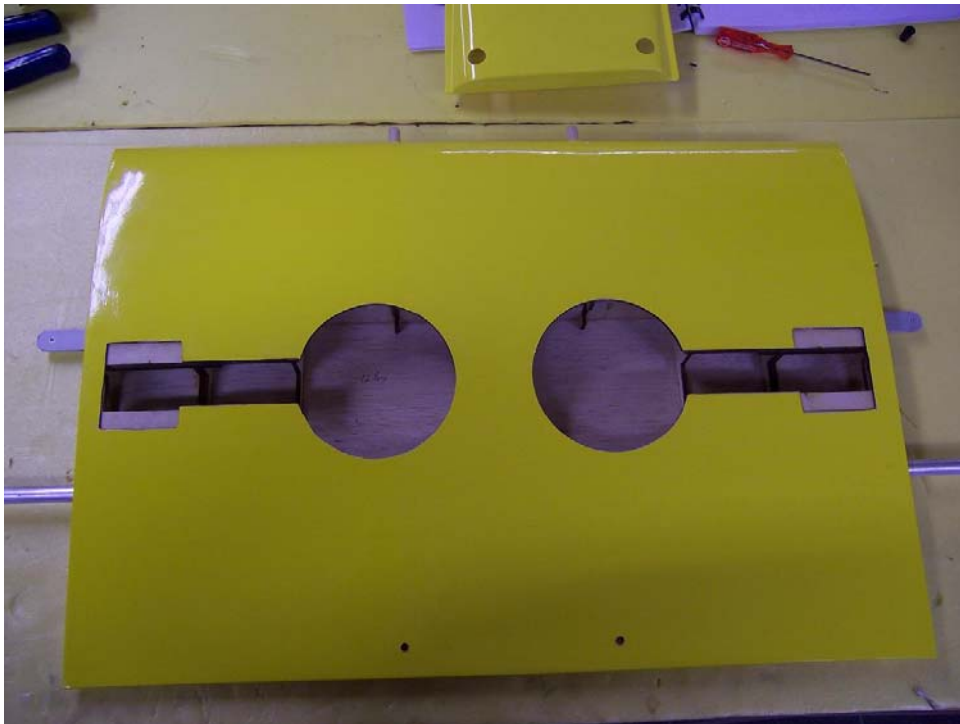


**Now you are done lock the pin with the Screw again
Maybe it is best to flatten the pin on the spot where the screw makes
contact , so that it is in a locked position.**





4. Mid section

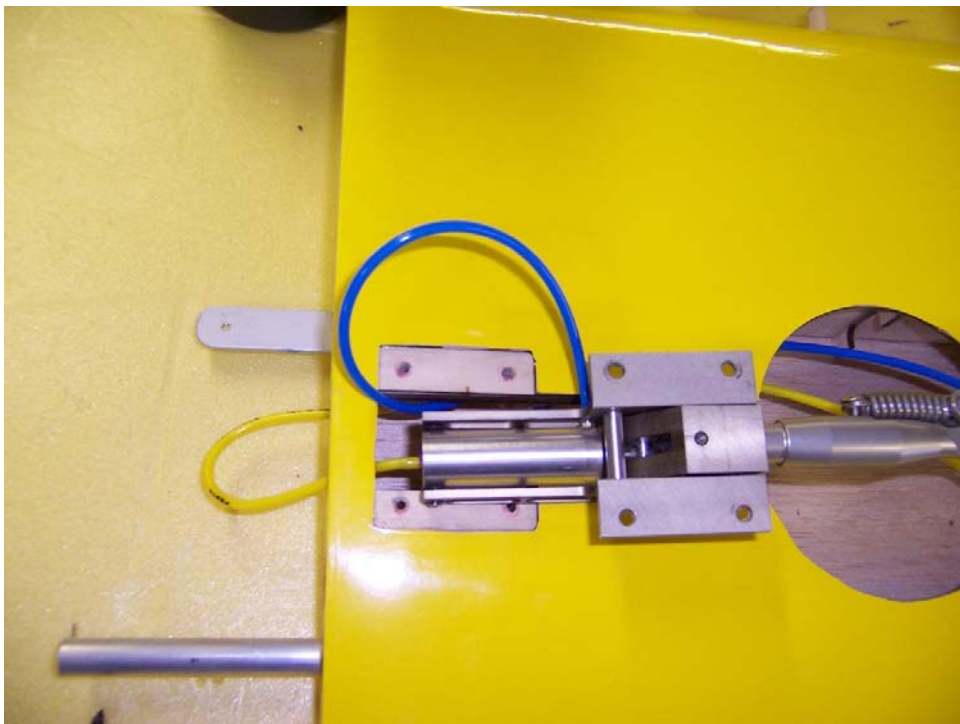


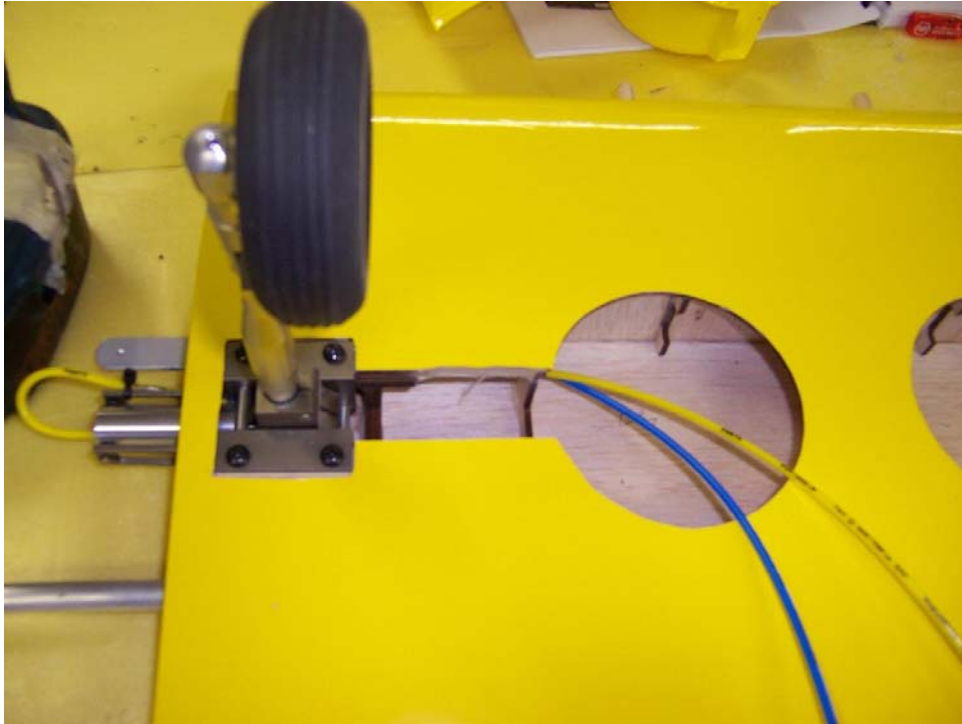
**Mount the Landing gear in the mid section for a trial fit
If needed trim it so that it fits exactly without touching the sides of the
cover**



Now drill the holes with a 3mm drill so that the screws go in easier without stressing the wood to much.

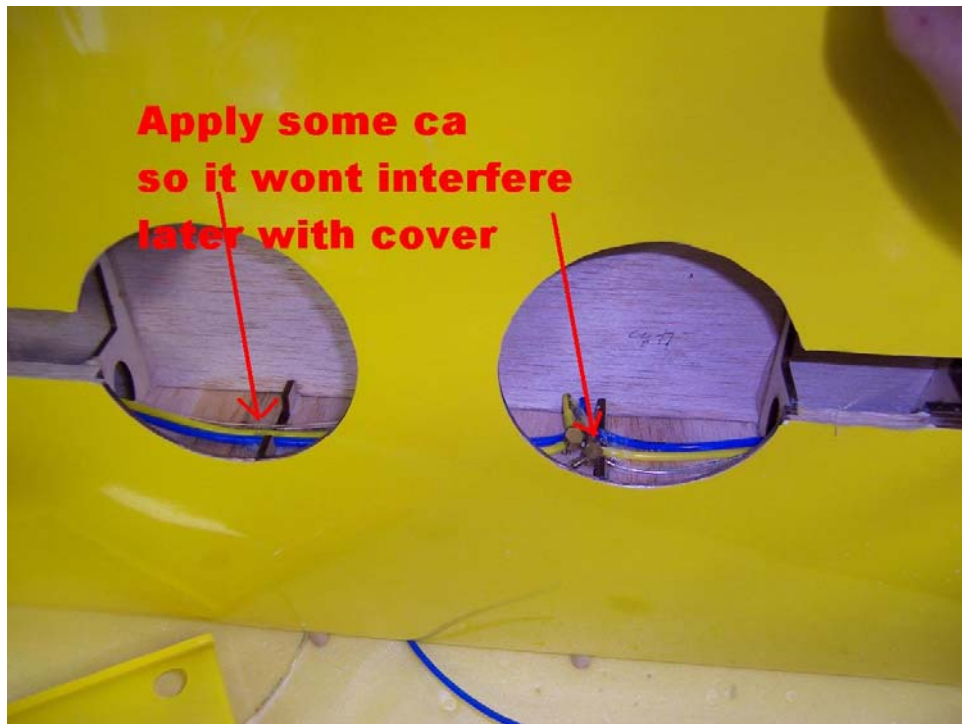
Connect the airlines and mount the gears just like on the picture.s





**Connect all airlines to about the middle of the mid section
Just as seen on the pictures.
NOTE: color can be different on the airlines**





**As you can see on the picture
You need a few cables that also run thru the mid section
They run from left to right , and on one side you need to have 4 coming out!
(elevator)
All cables come out where the wing/fuselage connection is done.**



5 . Front retract

Now mount the front retract

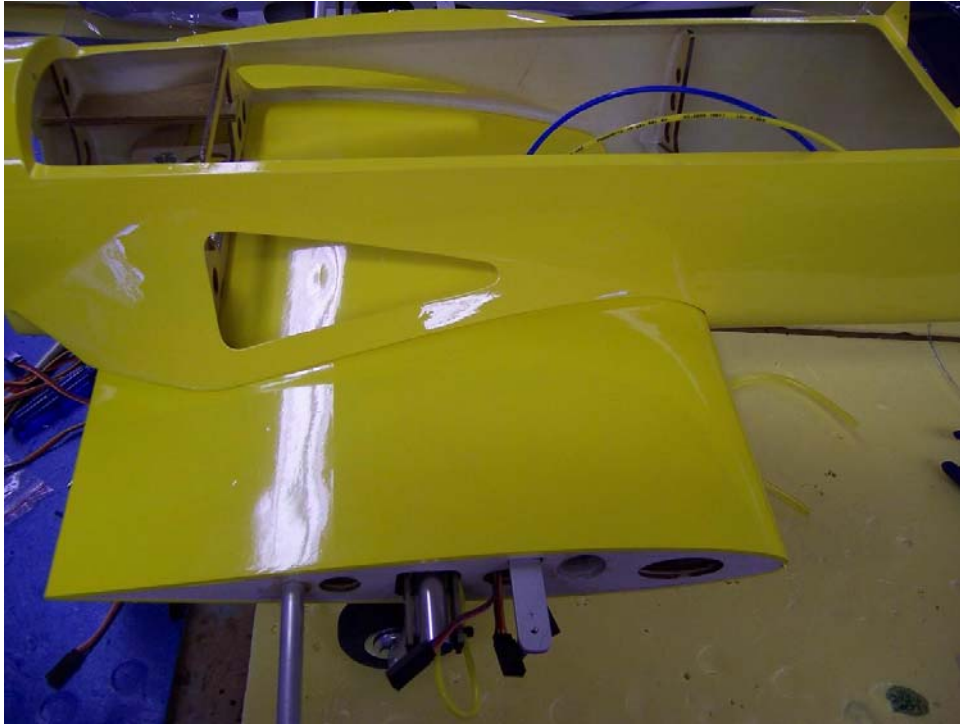
Make sure you leave space between the steering part and the wooden rails!

At this point do NOT cut the pin to length yet(we need to check later the angle of attack)



6 Midsection to fuselage

**Mount the midsection to the fuselage .check the bottom cover for fit
If needed trim it so it is in one line with the fuselage.**



**Make sure you use the 2 wooden disks as delivered
They go between the midsection and the fuselage
Lift the bottom cover a little in the back to place the washers
Insert the screws and tighten (**NOT** overdo this!!)**

Now it is starting to look like a plane!



- 7.
- 8.
- 9.

10. Tech Data

18-25mm for elevator

15-20mm aileron

15-20mm rudder

CG 100-110 mm from leading edge / or just before on Wingtube.

Flaps 40-60 degree

Max speed 200 Kmh

Max pressure on landing gear 9 bar

Min/Max power turbine 40N-80N

Trows are suggested to minimal , some set the ailerons further.

But with these settings the Easyjet will fly ok.

Butterfly mixing not needed.

Suggestions are always welcome!

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Version 1.2 Easyjets Manual UK

Suggestions are always welcome! sales@digitech-turbines.com