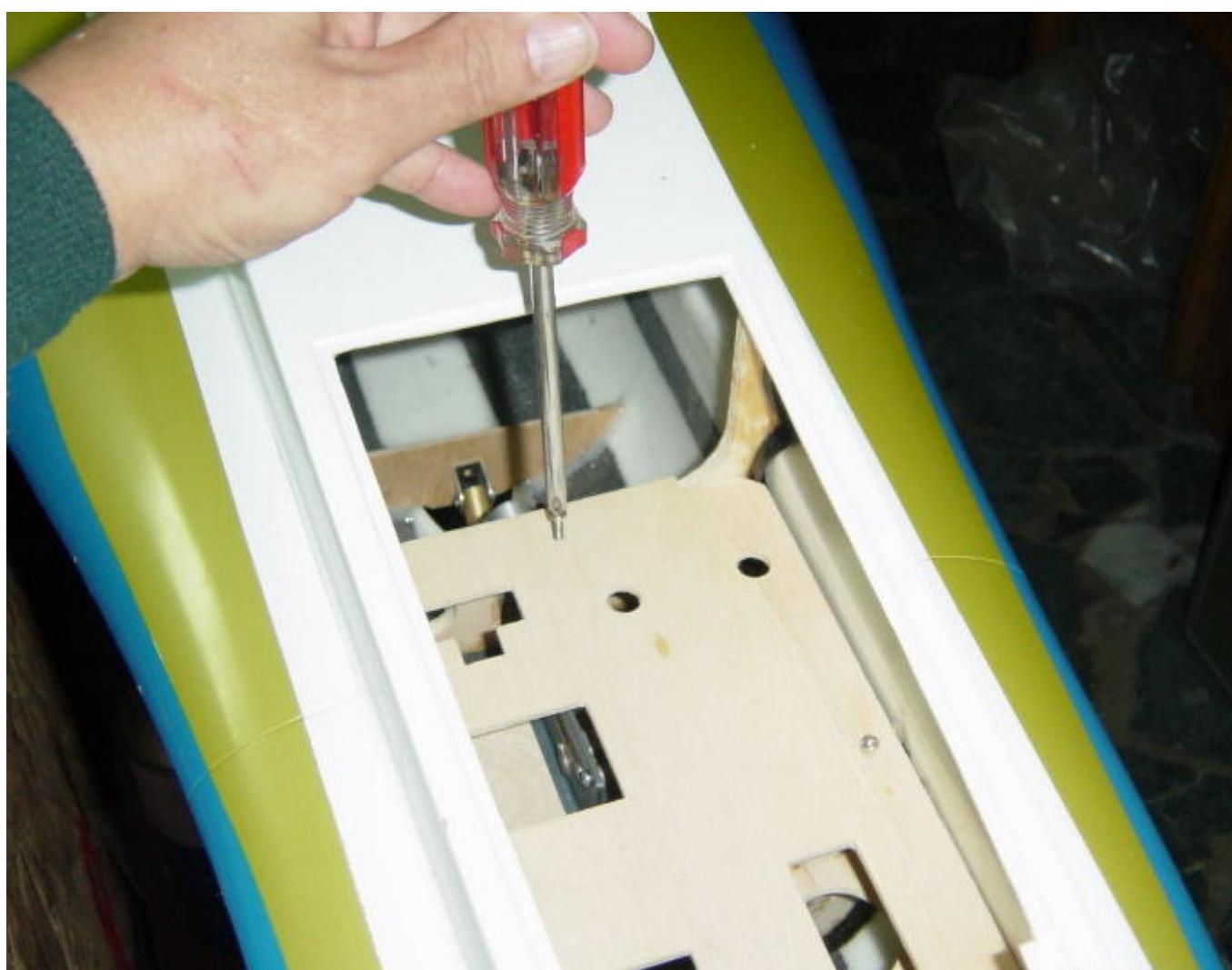
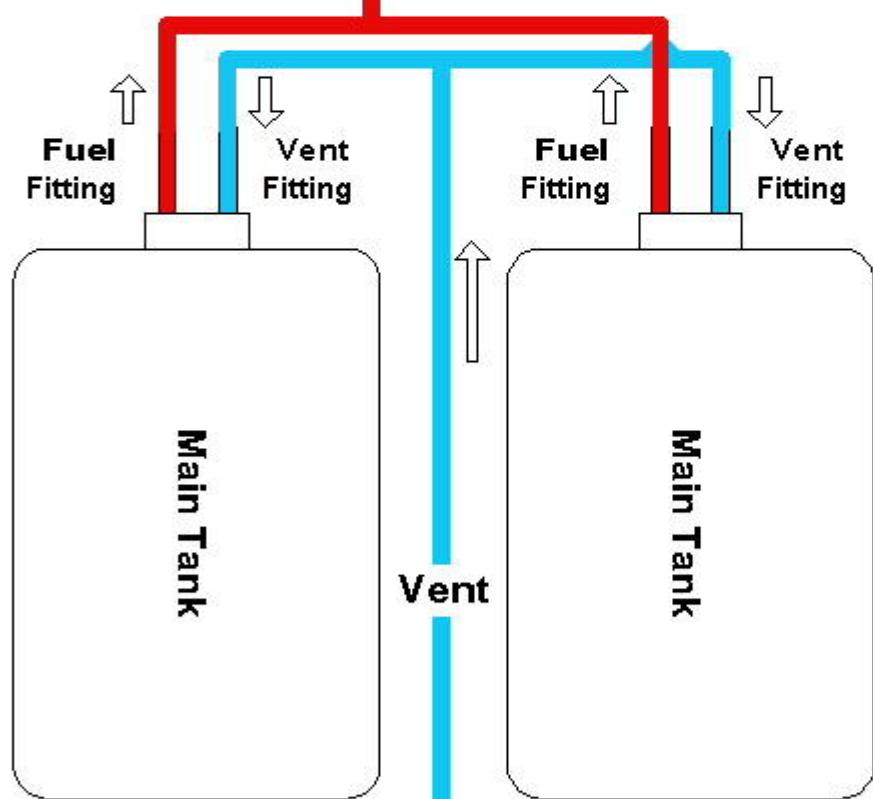
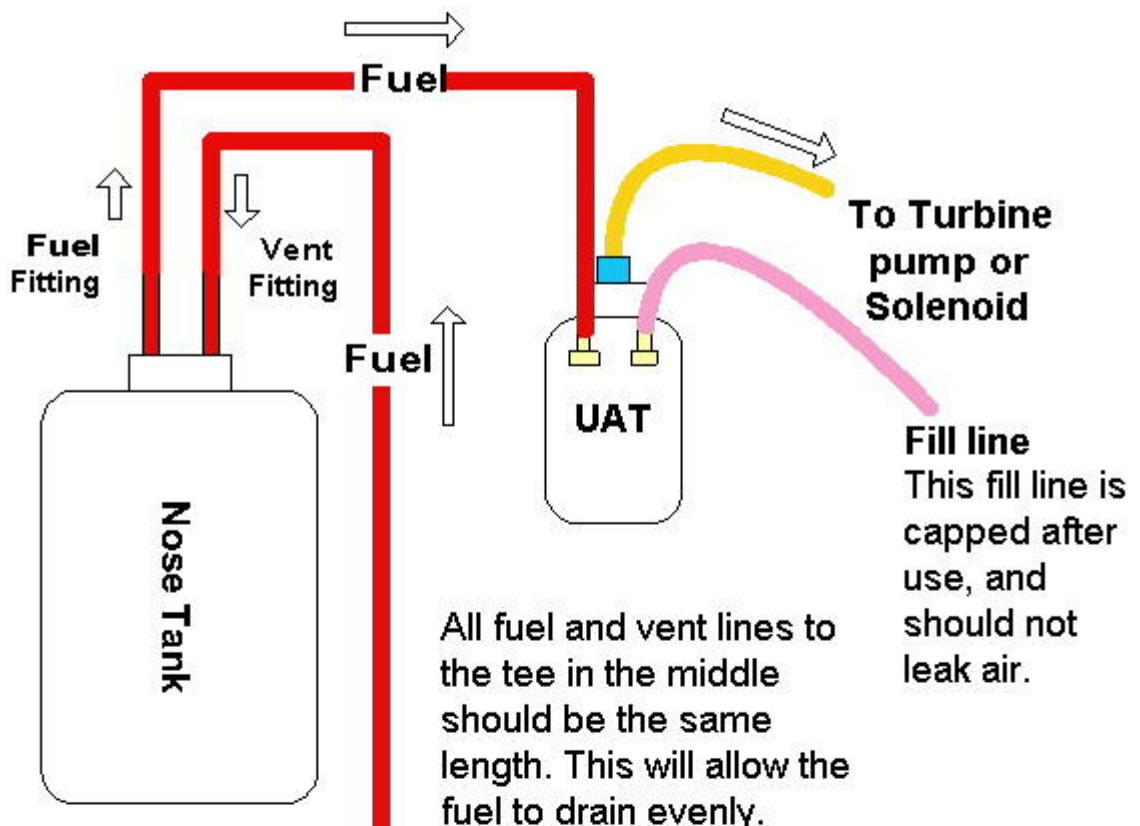


Skymaster ARF F-18 Instructions Manual



first: Take out the front servos mount,





install front fuel tank before installing nose cone



connect nose cone to fuselage by 6 screw



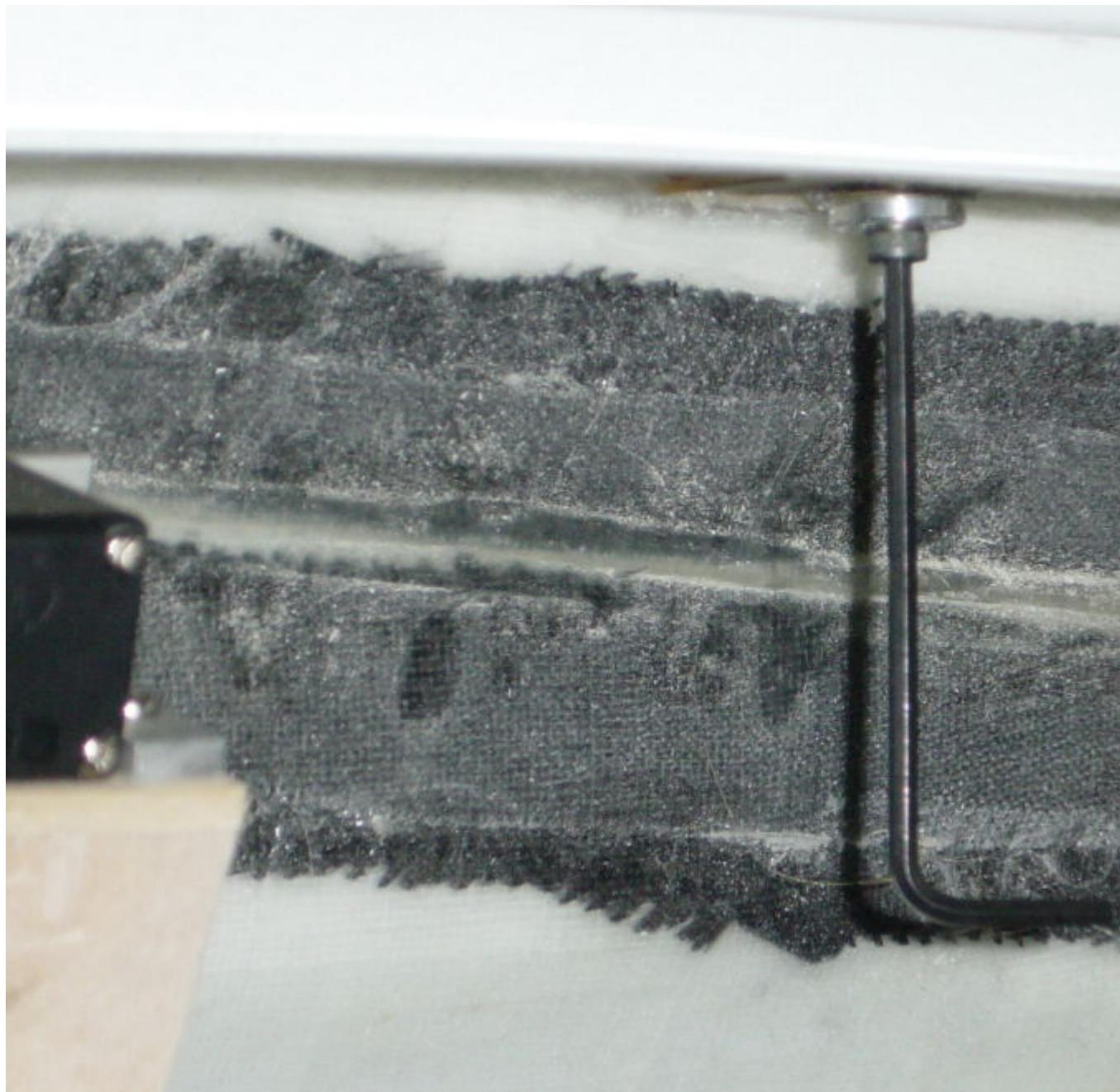
install main gear with setup air pipes for air breaks for the main gear

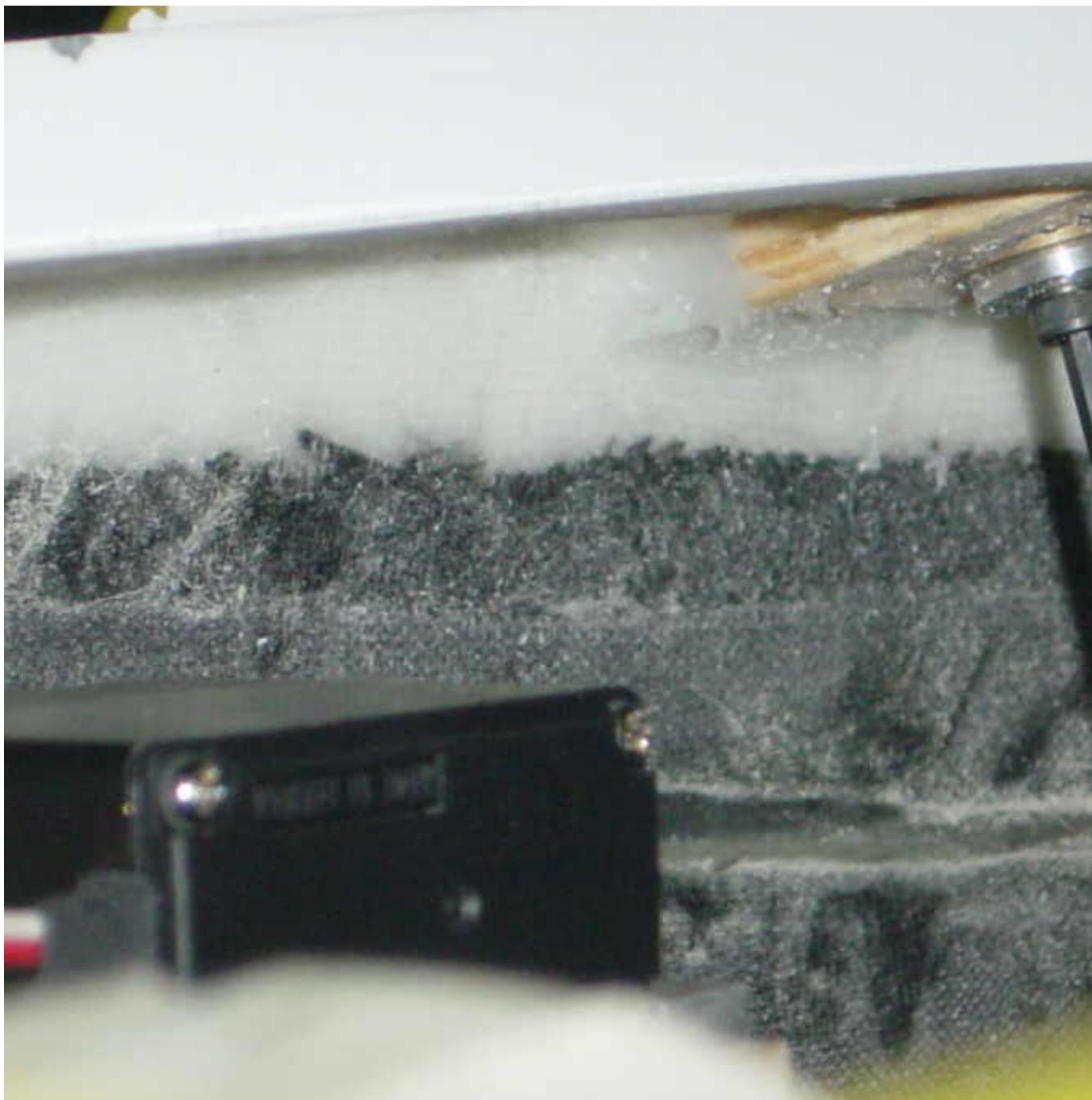




install nose gear with after connecter

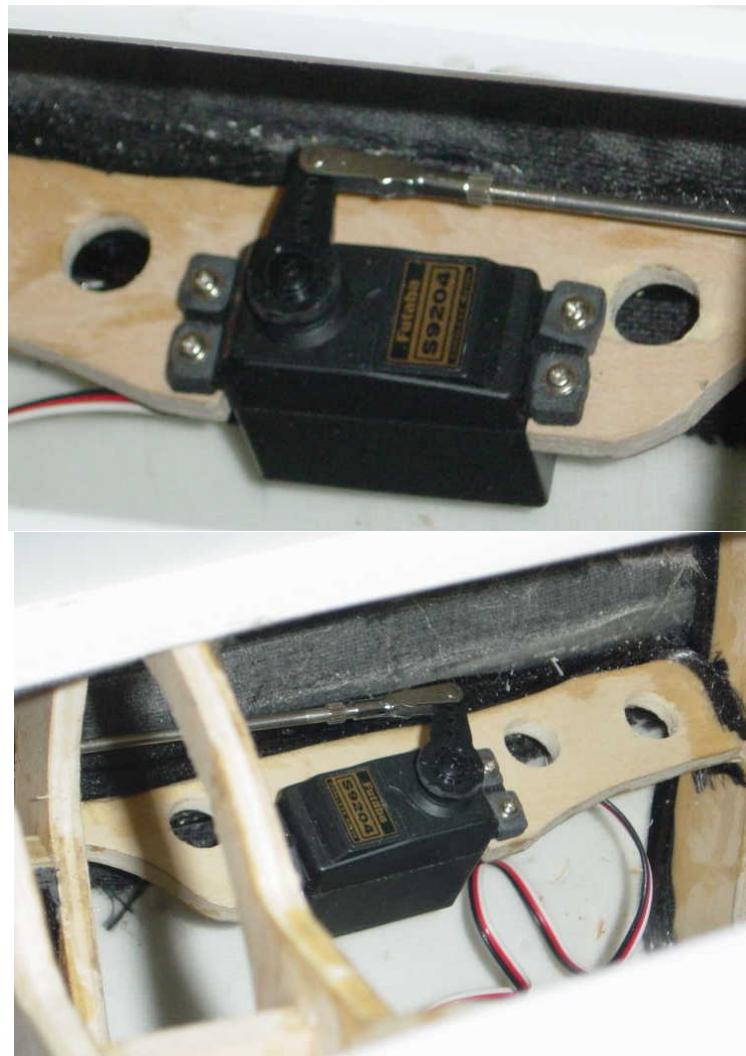






setup the two screws for both rudder fins

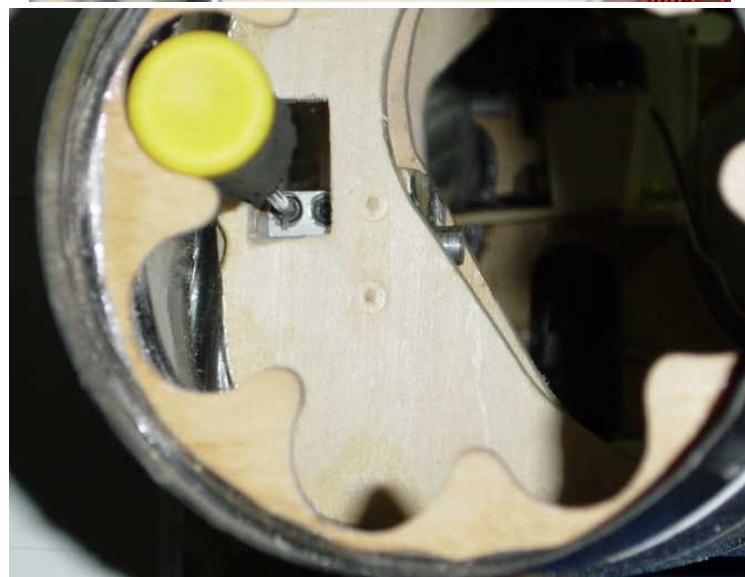
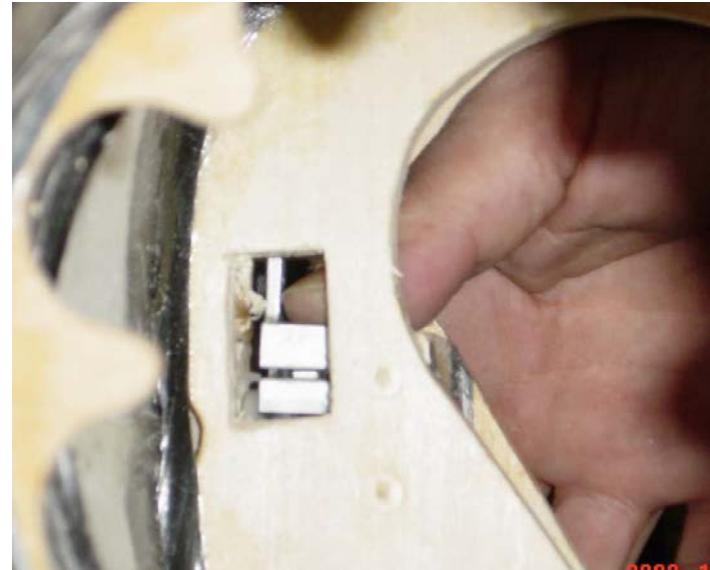
When you place the rudder fin in the fuselage, please make sure you use thread lock or a spring washer to set the screw in tightly. Also, make sure you check the screw regularly to ensure that the rudder does not come loose. Please keep in mind, if the rudder is even slightly loose, it could cause flutter and serious damage on the plane.



install two servos for the Elevator

**We suggest use of the Futaba # 9204. (#9151) or JR # 8425 (#8511 or 8611)
servos for the elevator**





elevator shafts and servo arms must be installed first (make sure that there is a minimal lateral movement) and after which the servos mounts can be installed (included in the kit).



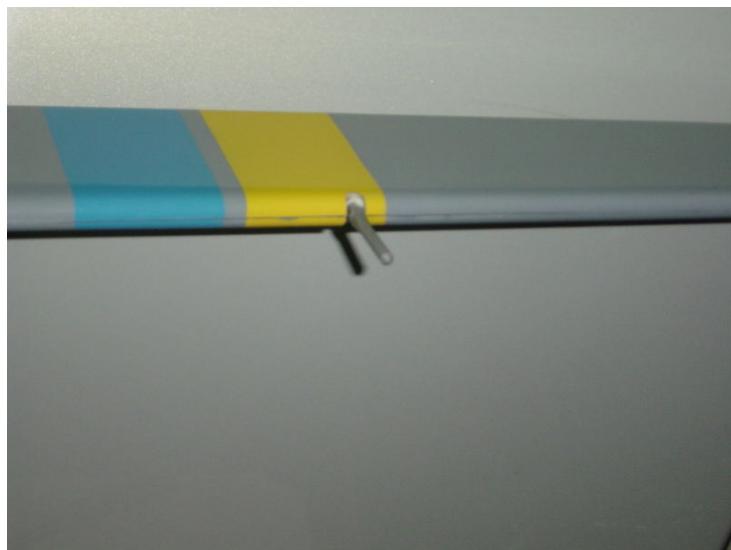




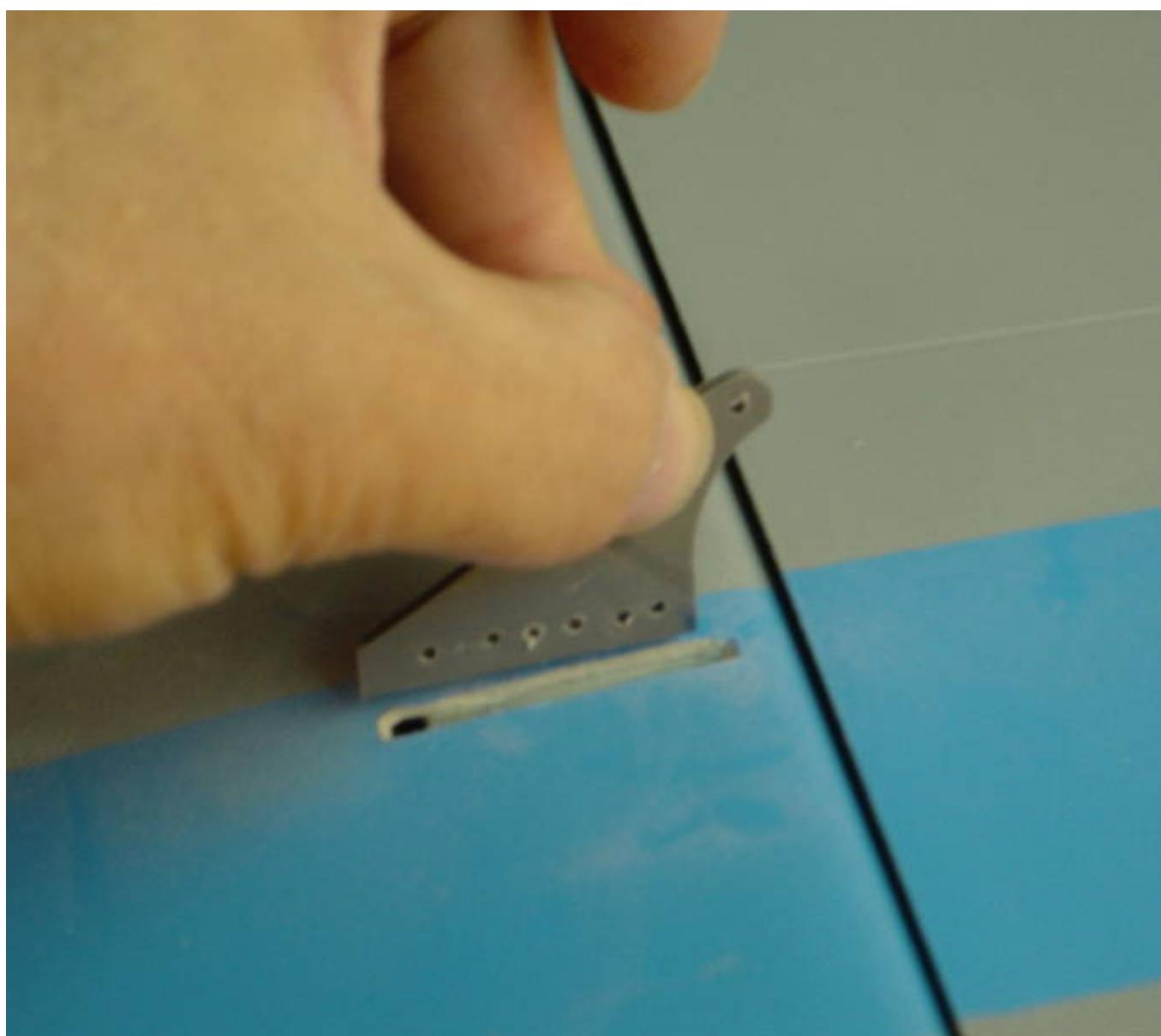
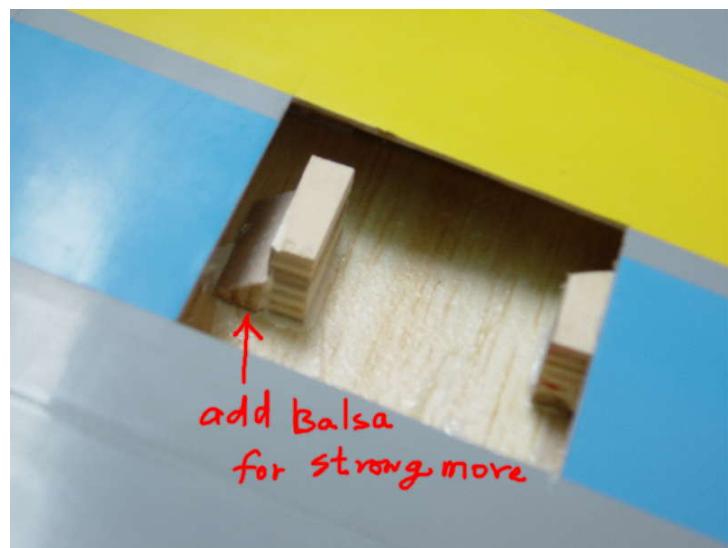
connect both push-pull rods for elevator servos control (the F-18 kit includes 2 rods for Elevators)



**set-up elevator function for up / down movement for each to between 40
mm ~ 45 mm**



Glue the 6 Hinges for Ailerons with Flaps



**Glue the servos mounts for the Aileron servos and cut the hole then glue
for Rudder Horns**

all Servo mounts must add glued Balsa for Strong more

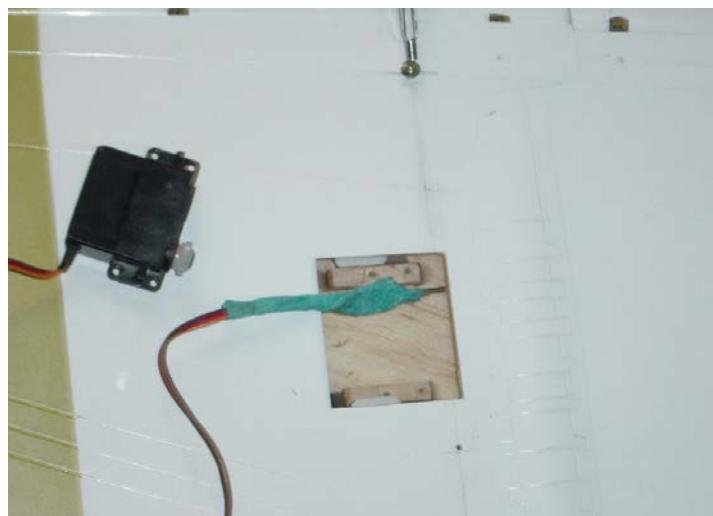
Note: Please make sure the servo is secured to the mount. The servo mount base should have enough surface area to hold it. If you only glue the servo mount directly to the wing surface without additional support may cause the whole thing to rip off in extreme conditions. This will cause serious damage to your plane such as fluttering.

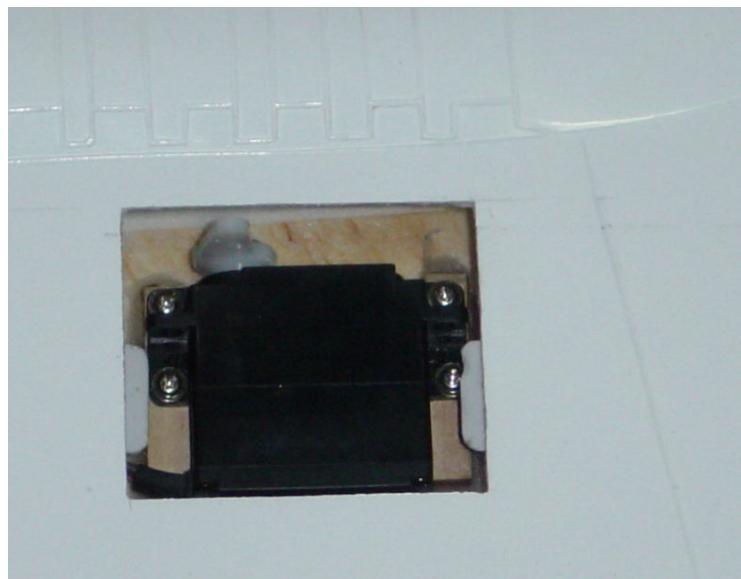
We suggest you use a thin plywood or layer of fiberglass to increase the base surface space before you glue the servo mount..



connect both push-pull rods for Aileron servos control (the F-18 kit includes 2 rods for Ailerons)



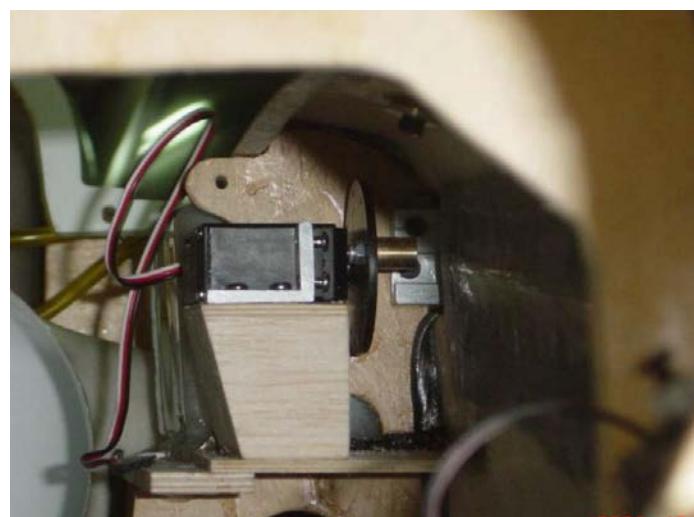
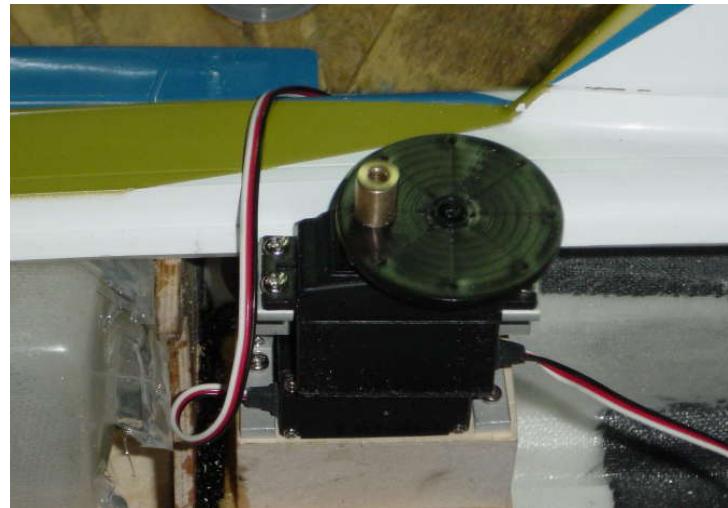






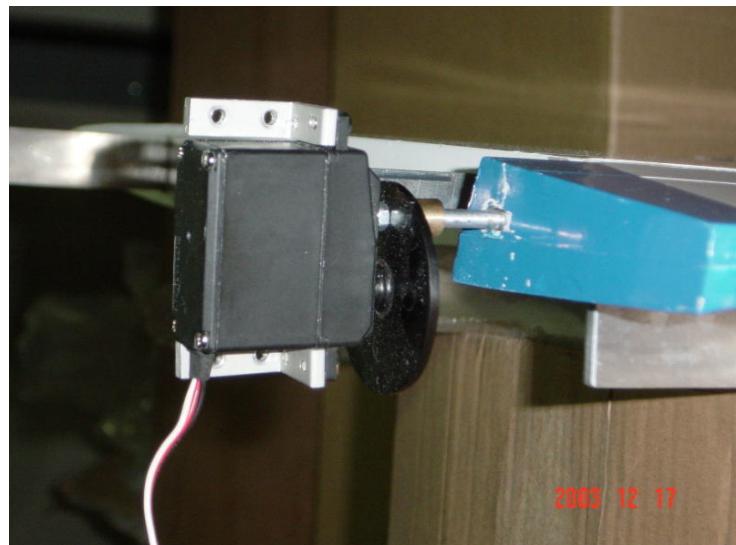
**install the aileron servos, We suggest use of the JR # 3421servos for the
ailerons**





**before install two servos for both Flaps must be set up your RC system
for Flaps Function**

**We suggest use of the Futaba # 9204. (#9151) or JR # 8425 (#8511 or
8611) servos for the Flaps**





**The new designed Flaps system very simple for set up your wings and
no any Rods on out side**

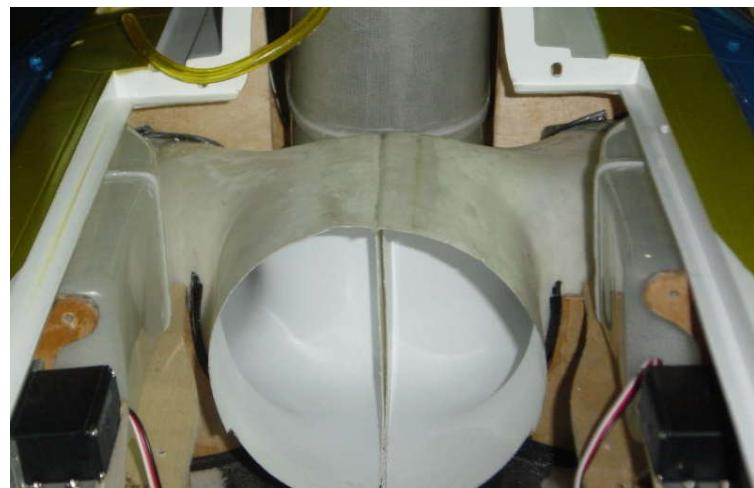


If you do not want to use the new Flaps system, you will need to cut the holes for install the Flaps servos

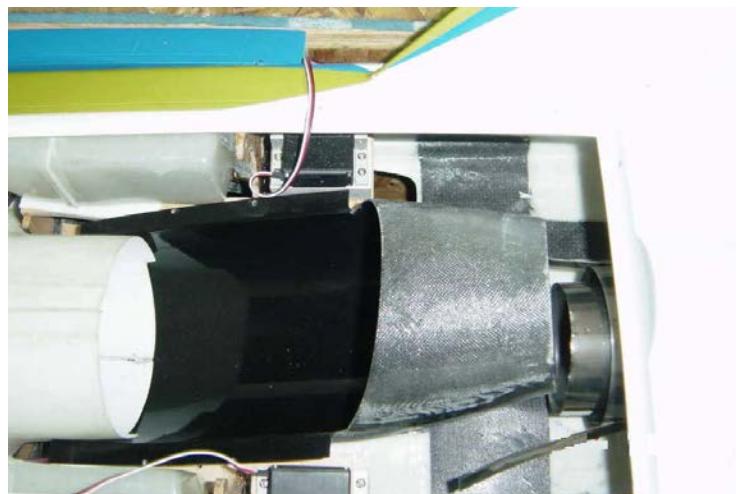
that Rods will be on out side.



first: Take out the cross spar for install both Fuel Tanks

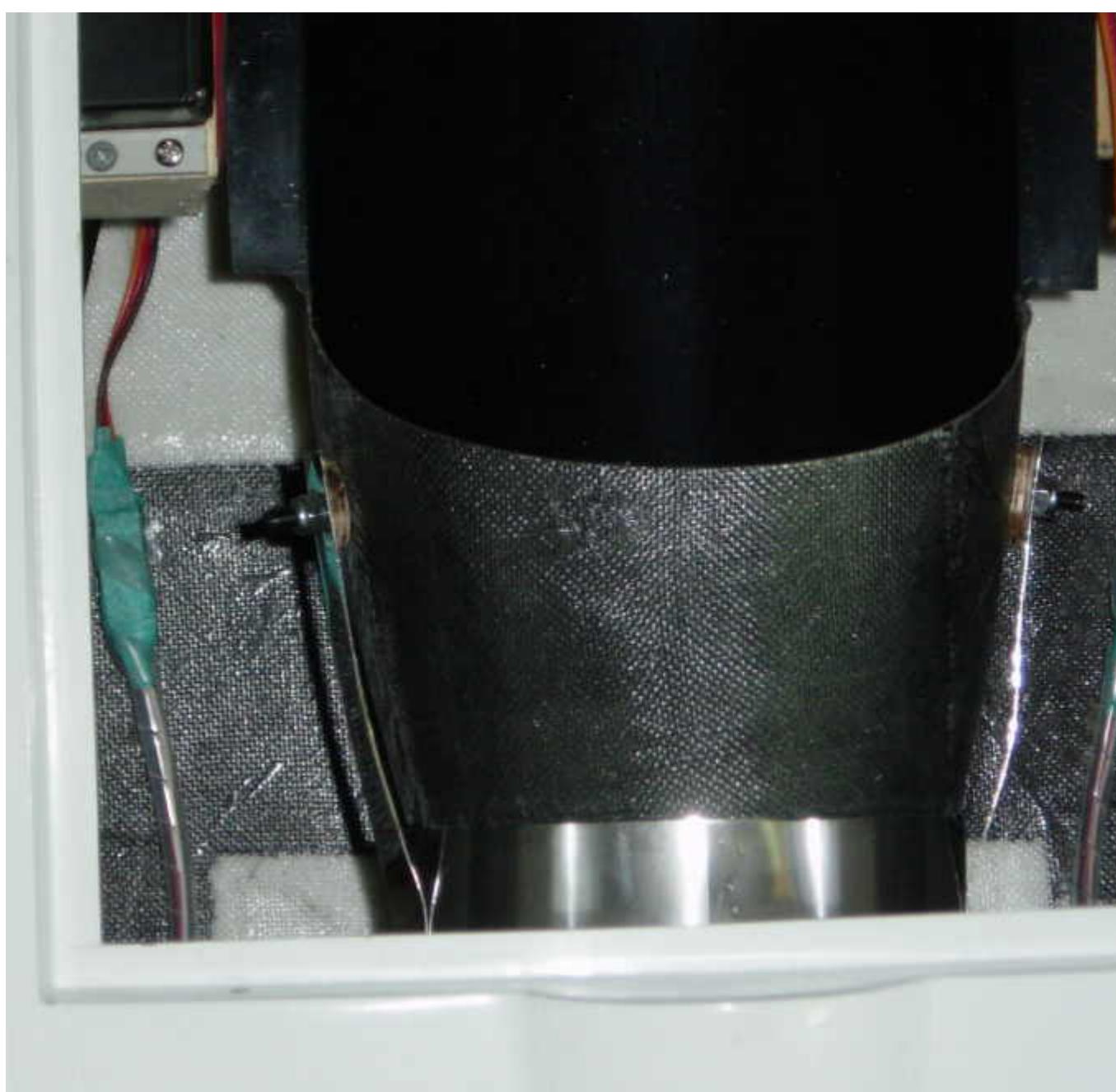
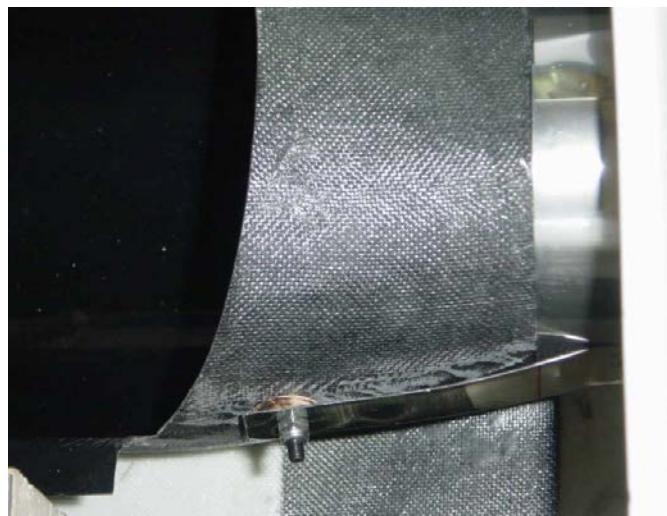


setup fuel pipe with "T" fitting for connect to both fuel tanks with over follow

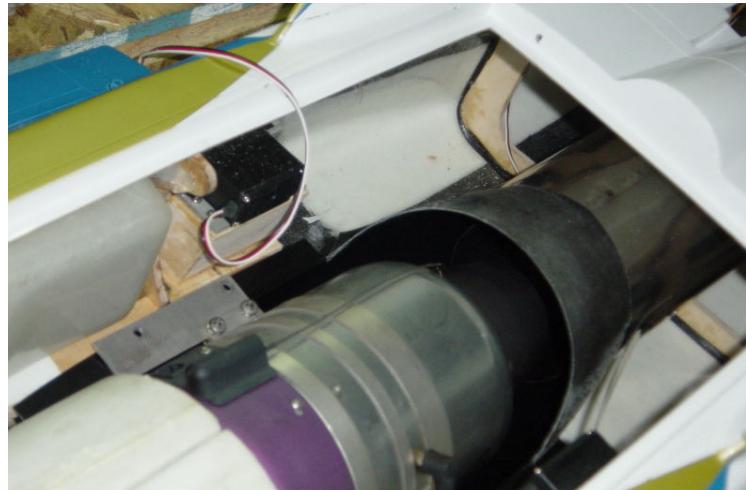




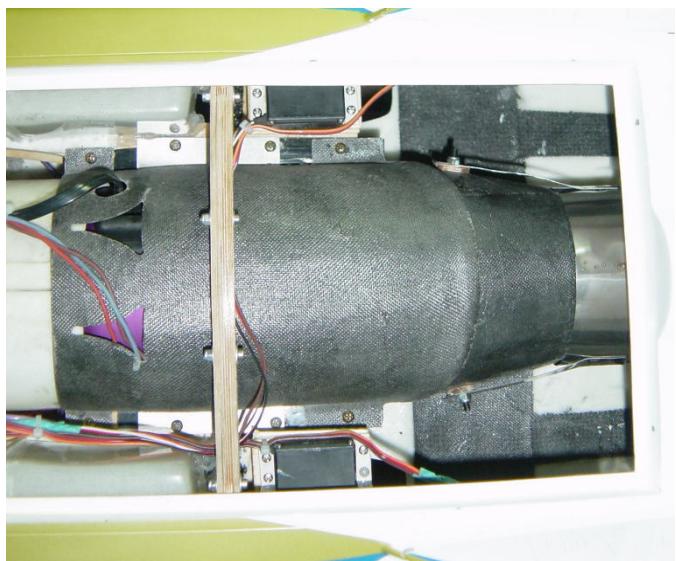
make the by-pass holes to fasten the dual wall tail pipe

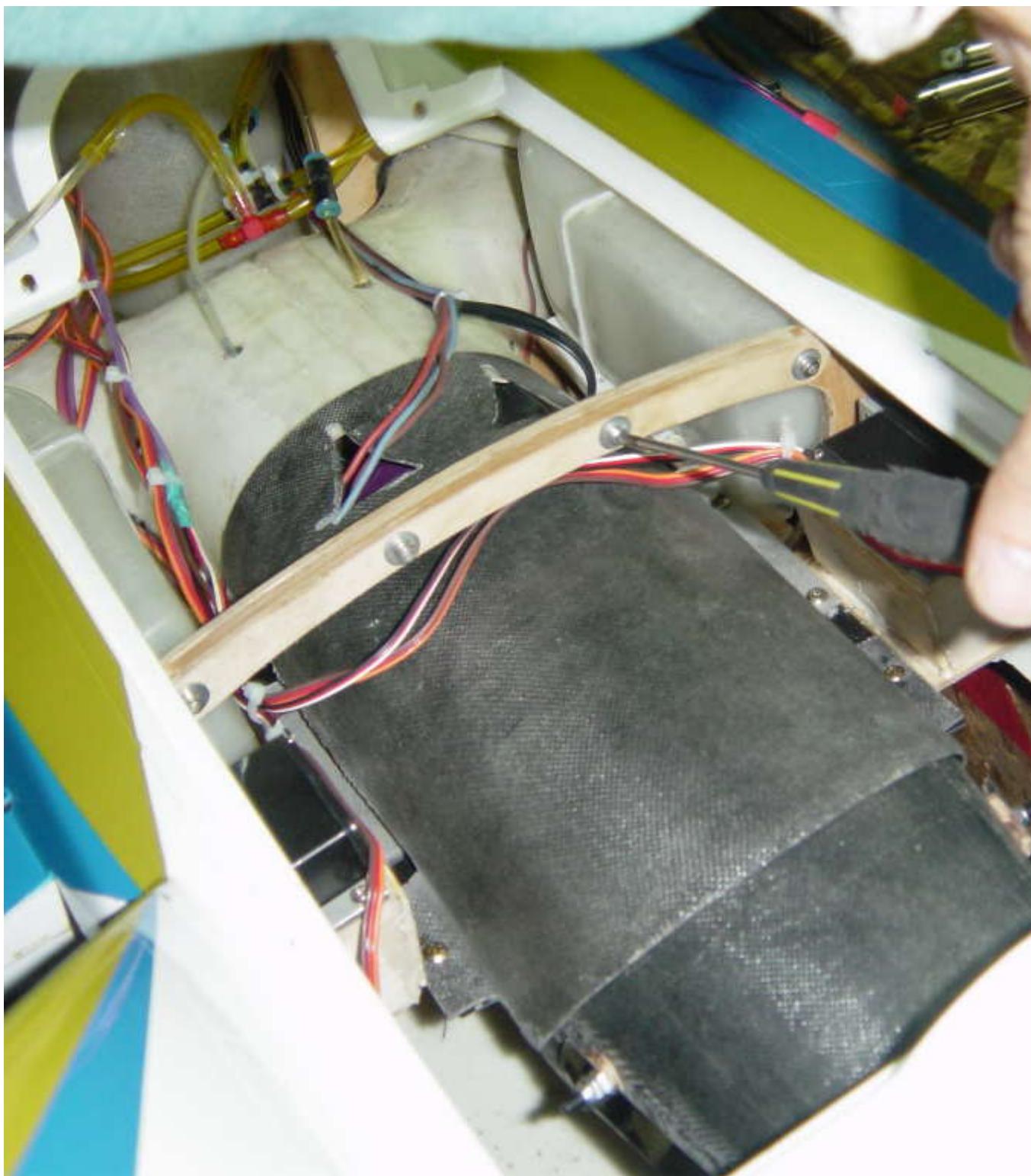


The tail flange has two brackets. Mark and drill holes in the brackets so they line-up with the holes in the right / left by-pass holes.

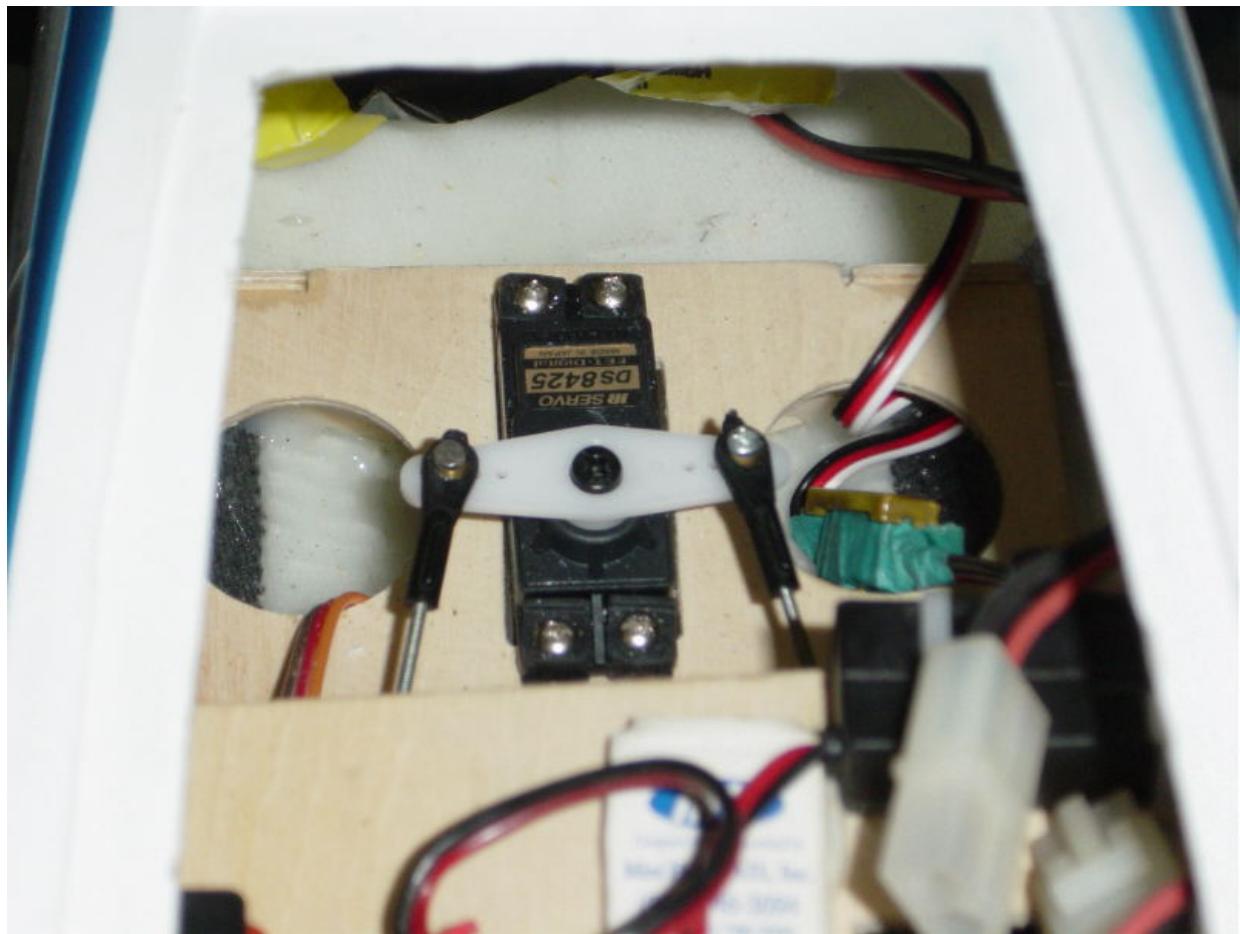


make sure the engine is on the center line and adjust the engine position fore and aft as necessary

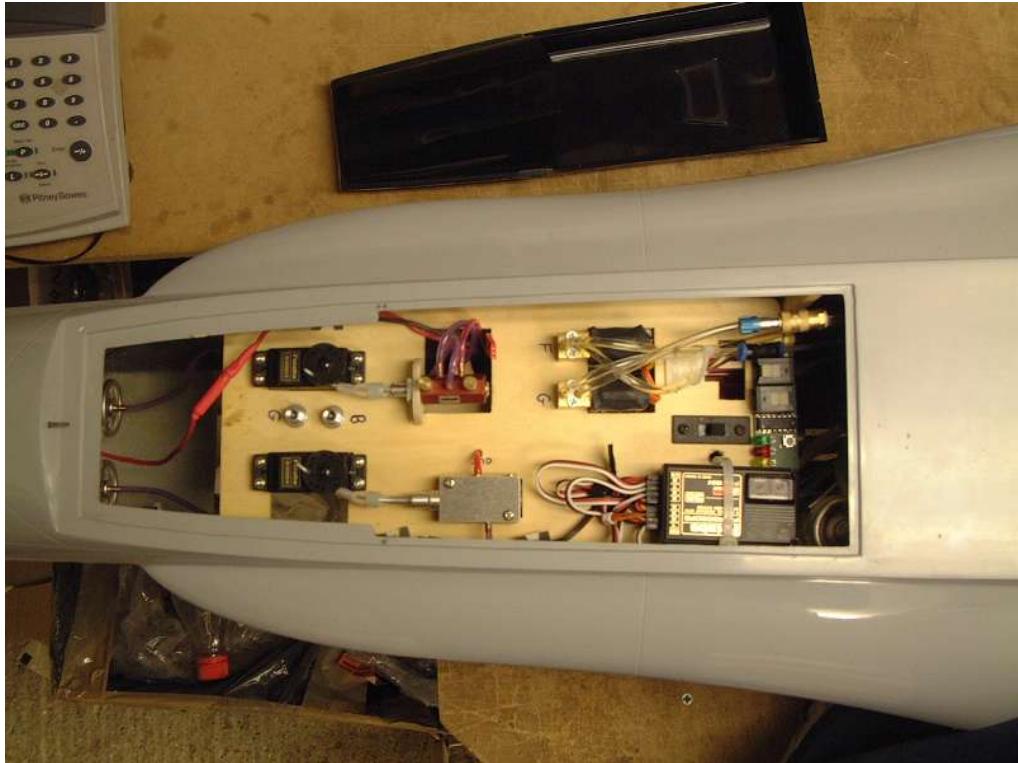




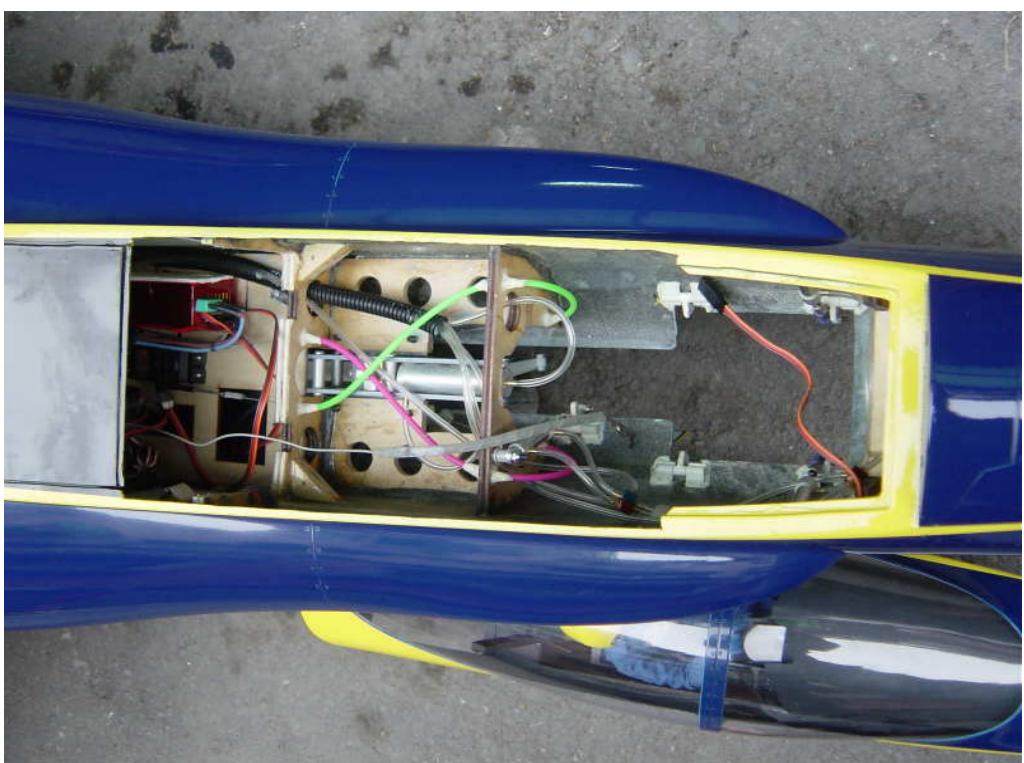
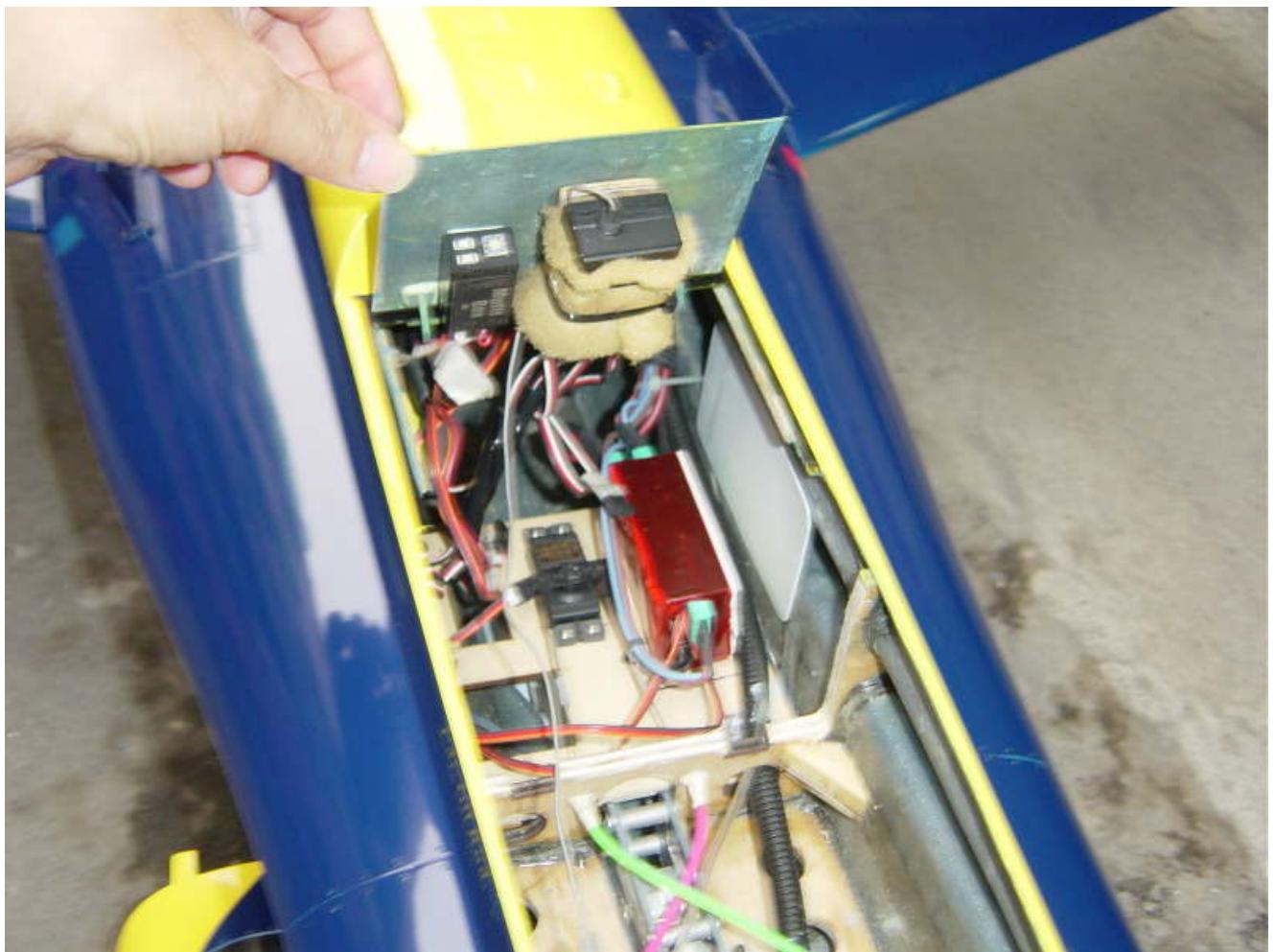
setup the top cover for by-pass and set up the cross spar

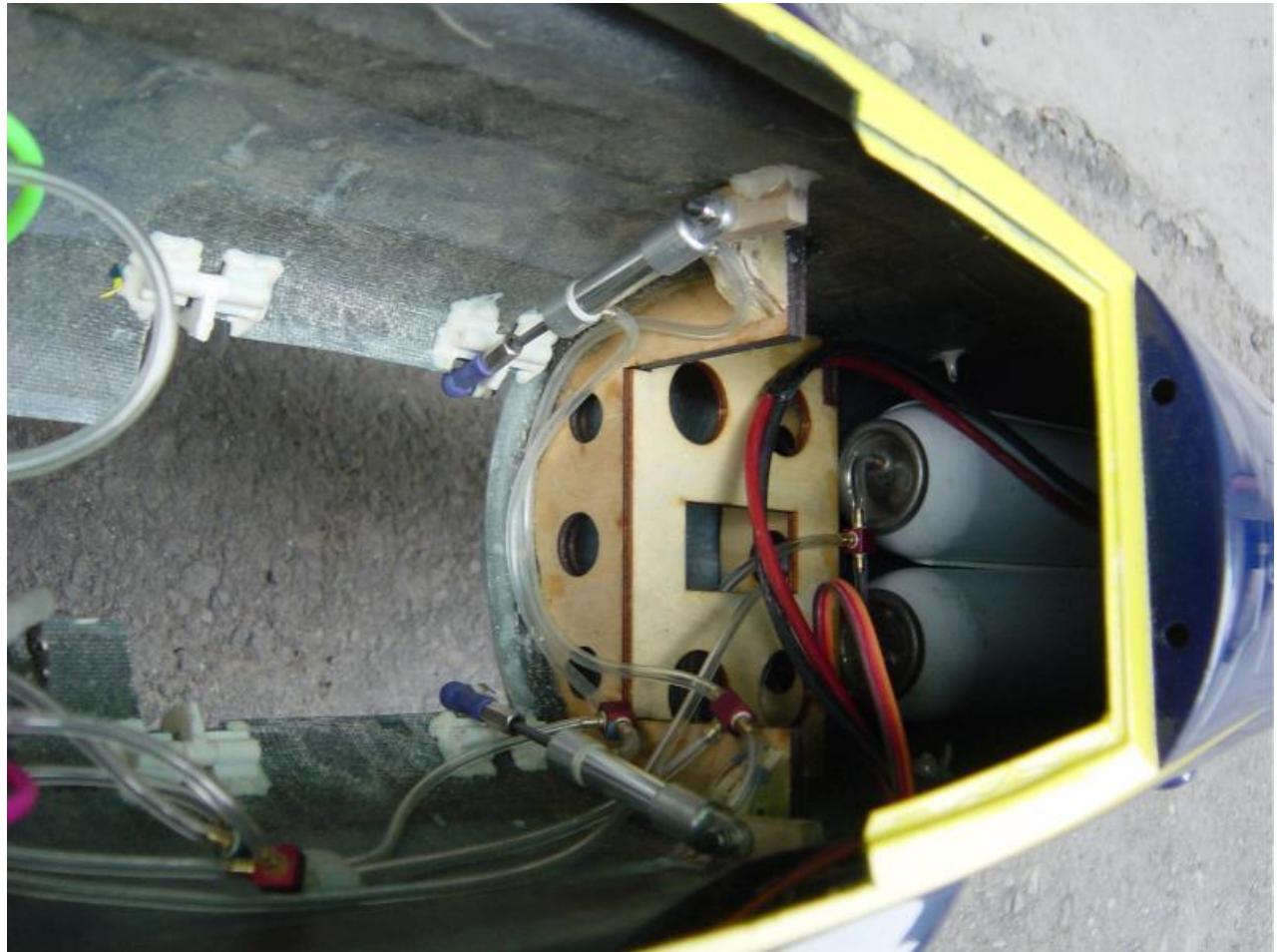


setup the front servo and make two piano wires control to the nose gear

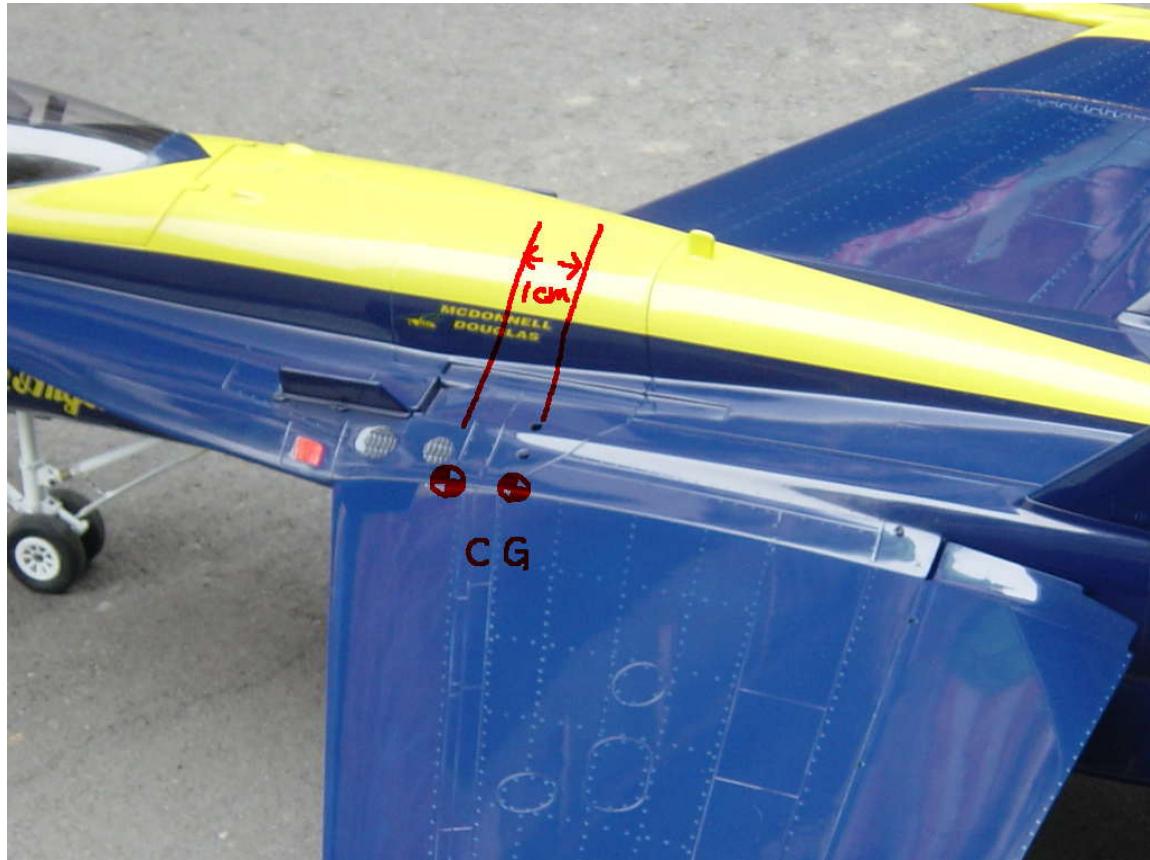


install the retracts control servo with break control servo, install two (2) valves for jet engine with the fuel pump

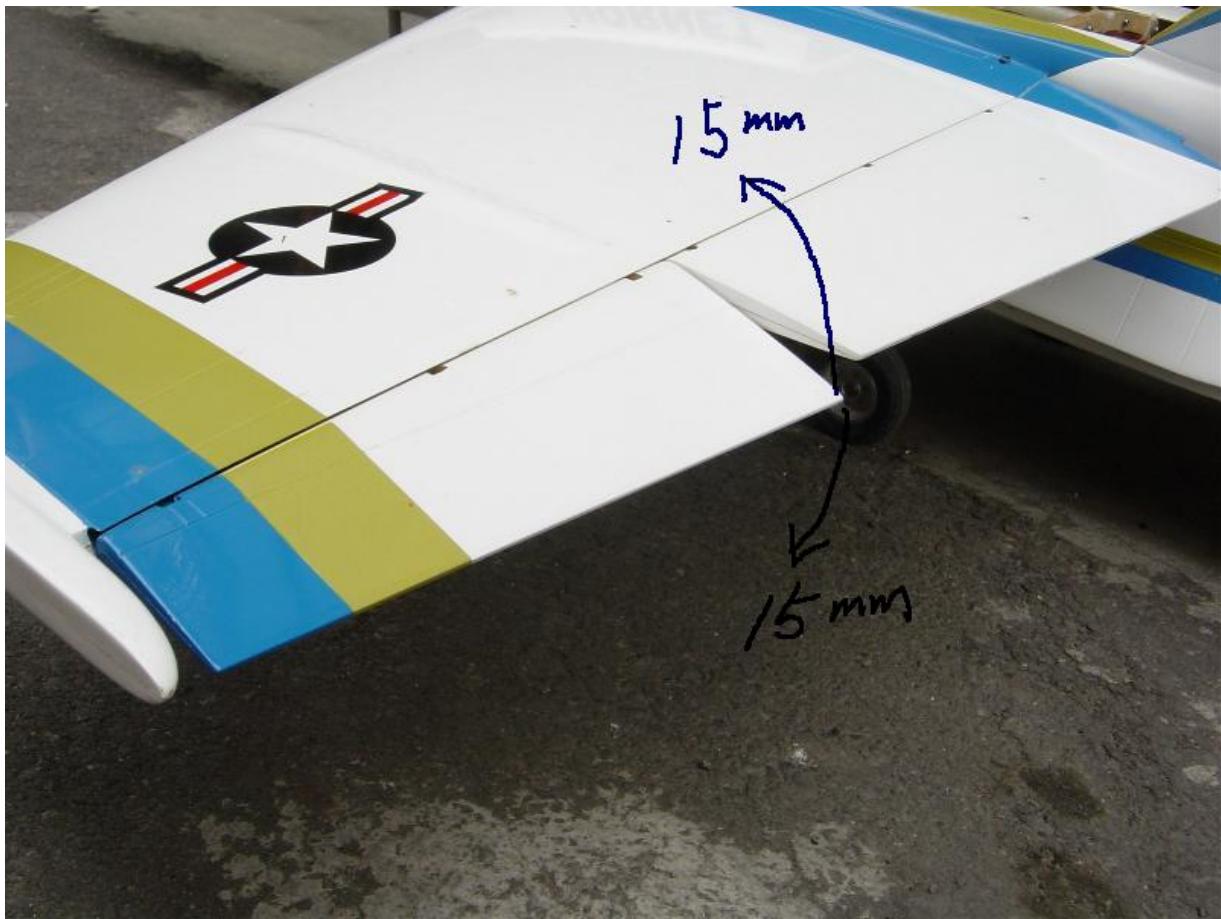




If you want to make a cockpit detail for F-18, that do not install the full
front servo mount,
you must be cutting to half mount for install servos to the after space,



install two batteries into nose cone for CG balance



**set-up ailerons function for up / down movement for each to between 12
mm ~ 18 mm**



set-up elevator function for up / down movement for each to between 40
mm ~ 45 mm



set-up Flaps function for down movement 20mm~ 25mm for Take off



set-up Flaps function for down movement 60mm for Landing

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