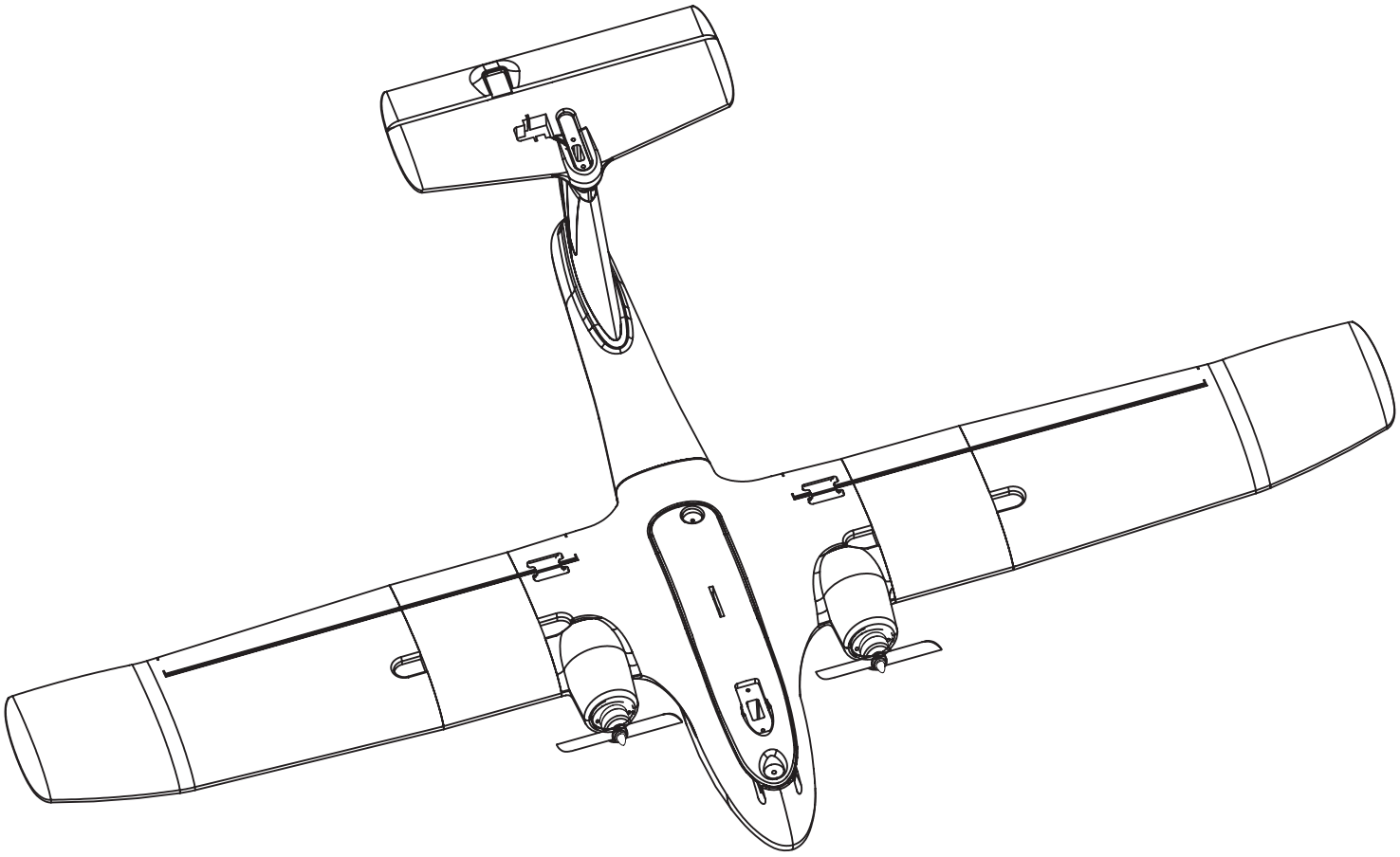
# Traveler 1400MM
# User Manual



**FINWING TECHNOLOGY** WWW. FINWINGHOBBY. COM
PATENT OWNER: FINWINGHOBBY

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## Please read through the manual before installation and flying

This manual as introductions to user on how to building this RC plane.
Please visit the www. finwinghobby. com official website for more introductions.

## Warning:

1. This model airplane is not a toy, not recommended for children under 14 years old,
2. Be cautious and prepared while flying this plane as a range of issues could lead to a crash including the environment/weather, speed, pilot error, improper building/testing, interference or other component failures.
3. Flying field: Choose an adequate flying space at least 100 meters long/wide and in an unpopulated and non-built up area for safe flying. This includes avoiding flying over cities or other populated areas.
4. Please don't fly this model airplane in bad weather including rainy and/or windy environments.
5. Remember to unplug your flight/video battery when not in use to avoid any interference to others who might be on similar channels.
6. Please remember switch on the transmitter first before connecting the battery, and disconnect the battery first before switching off your transmitter.
7. Keep away from the propeller when the Airplane is powered as it can be dangerous and could lead to injury. Keep the powered plane away from children at all times to avoid any accidents or injury.

Will post the information on time to weixin and facebok
once we have new airplane for sales or big discount promotions

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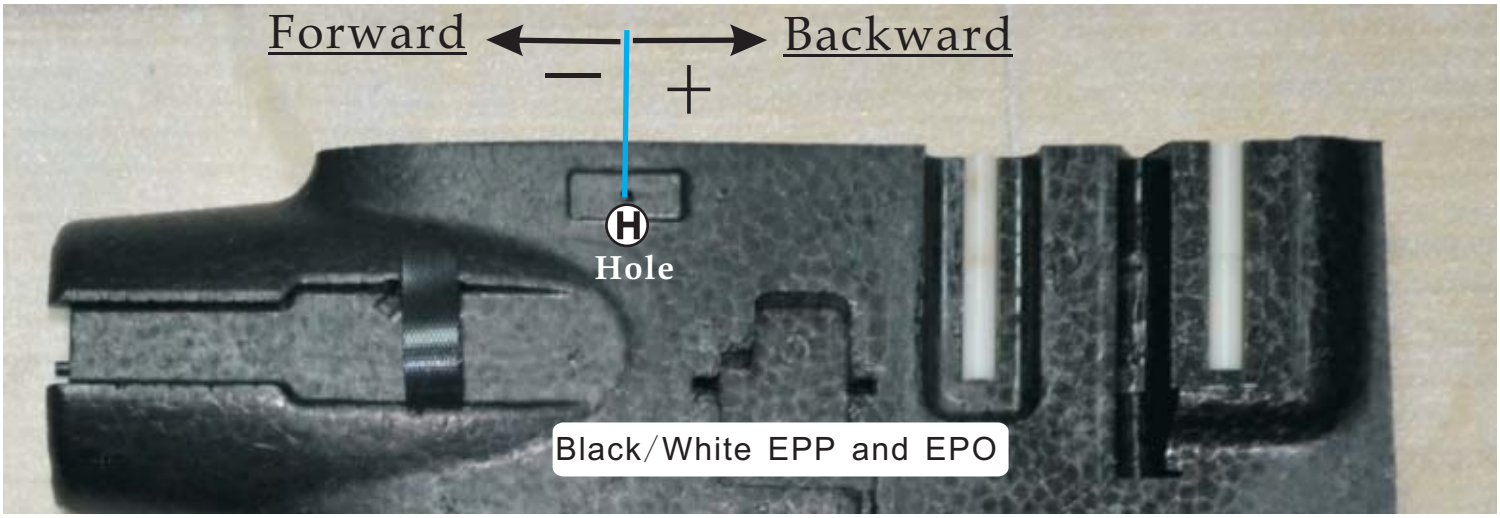
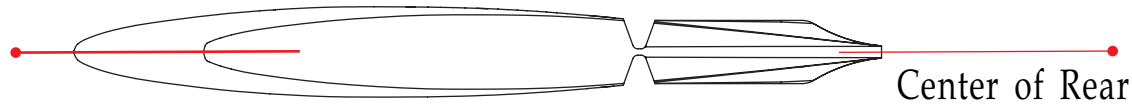
# CG. Setting

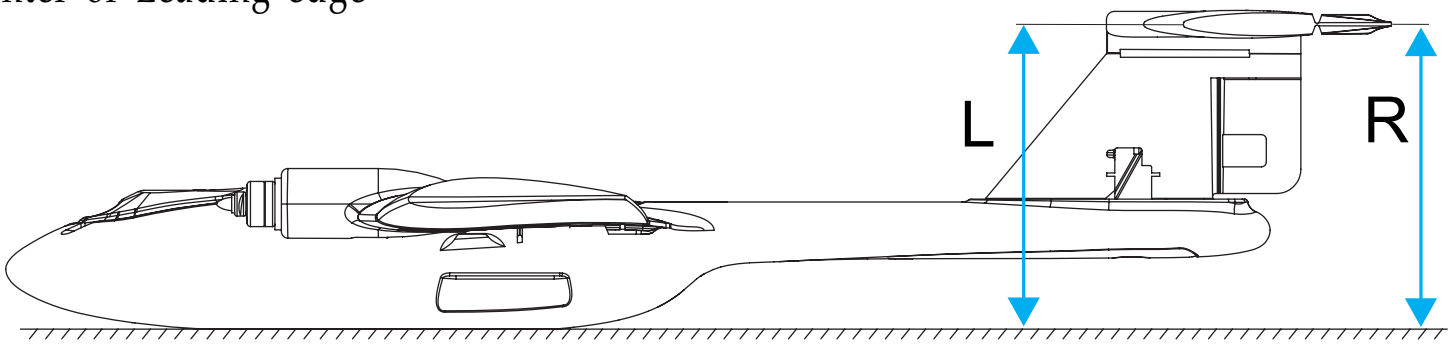



Neutralize Elevator control surface first
Plane levelly at a platform measure the stabilizer before ready to fly
It's inaccurate measurement if building not completely done!



Center of Leading edge

Center of Rear edge




| | |
|---|---|
| L=R | CG. Setting at Hole "H" |
| R > L **about 1-2MM** | CG. Setting at H Forward 2-4MM |

**How to find out the perfect CG ?**

Generally most of us measure CG, by fingers and inevitable differently by different people
For example if you noticed plane a little nose up flying, landing then moving CG. A little forward
but if plane likely to be nose down, landing then moving CG. A little backward. (2.0-4.0mm)

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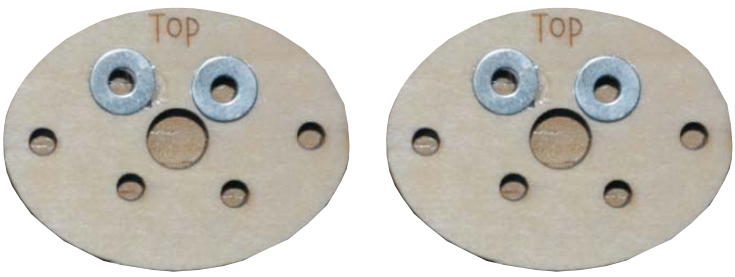
Recommended Add washers




0.3MM Thin washers not thicker washers
we also have flown good without washers
but seems added washer is better most of the time

0.3MM Washers included for all V2 package
you must have to install washers if your think
your plane tendency to nose up climbing.
After further adjust the CG. properly.

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# Main Wings Building

Left and right wing building is exactly the same

1

Length is differently

Long spar

Short spar

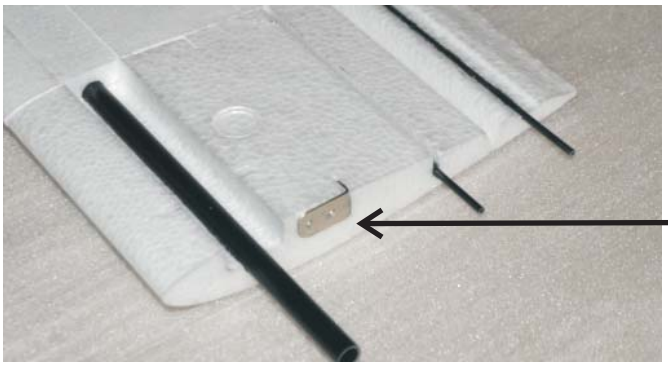
Glue to install spars to this wing first

2

Install foam cover

3

Install extension
gluing to all contact surface



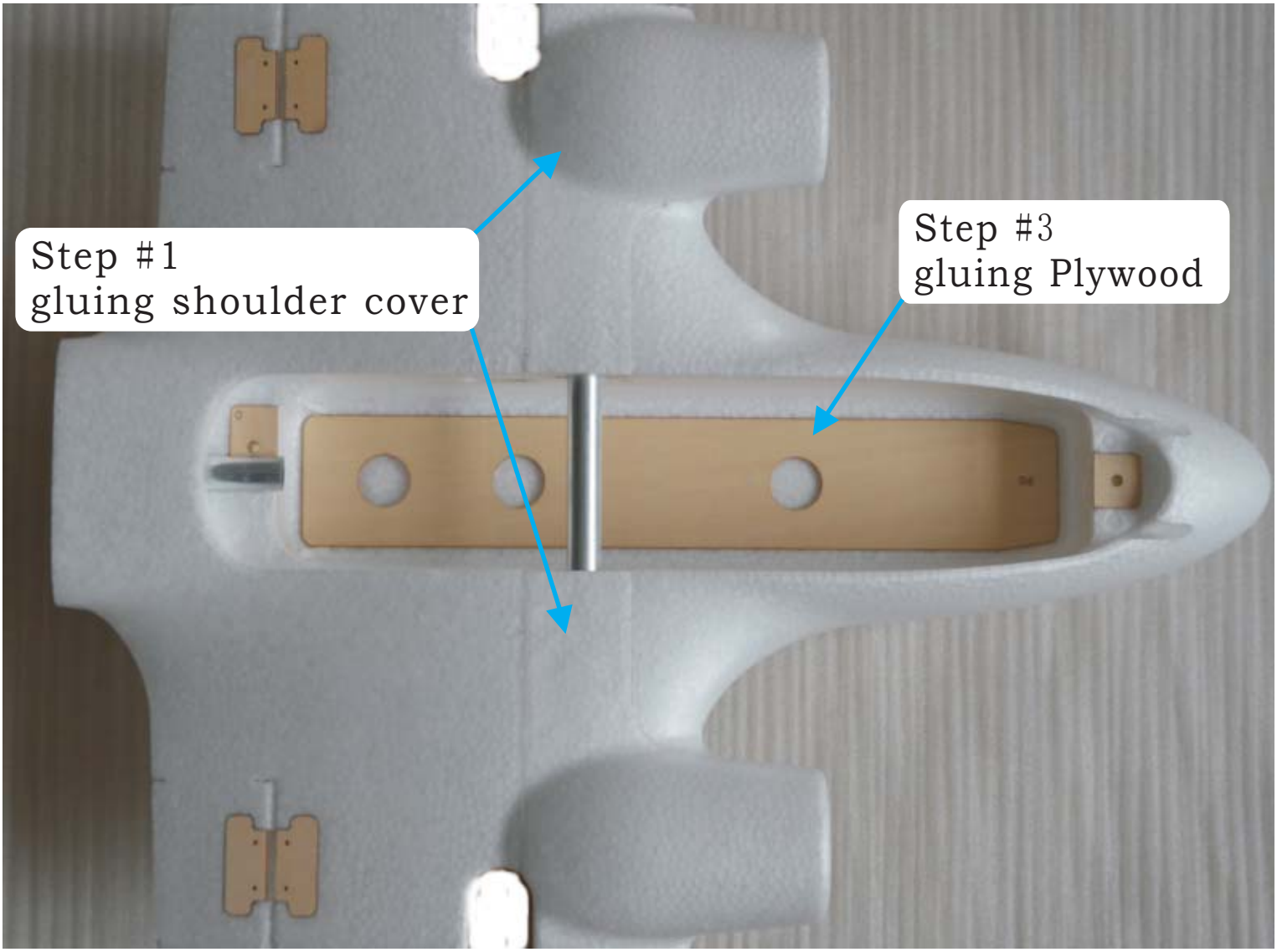
Be sure metal part to be outward

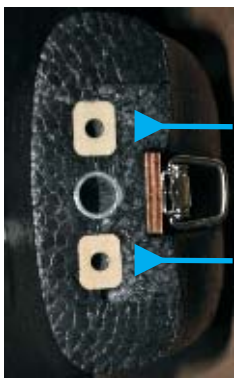
# Main Wings Building

Left and right wing building is exactly the same

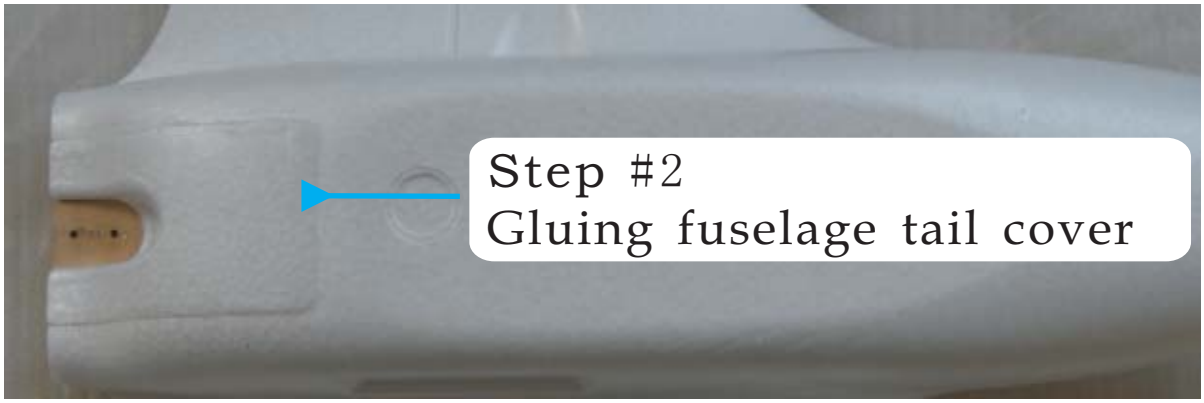

Recommend wrapping tape filming along the joint line

# Fuselage（Gluing Covers and Plywood）



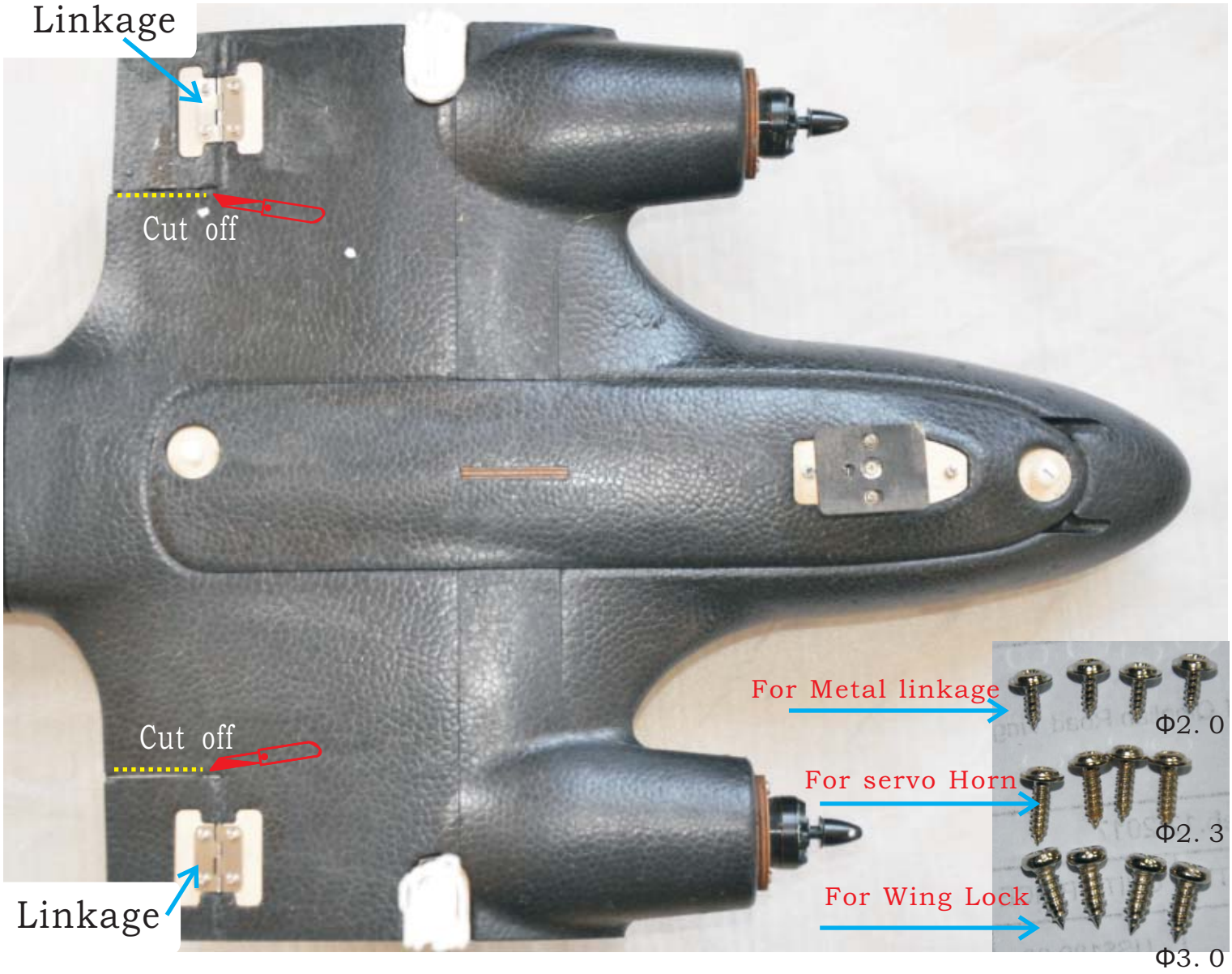



Plywood




**Important Note:be sure let glue dry at least 12 hours before installing other parts**

# Fuselage&Tail（EPP/EPO）

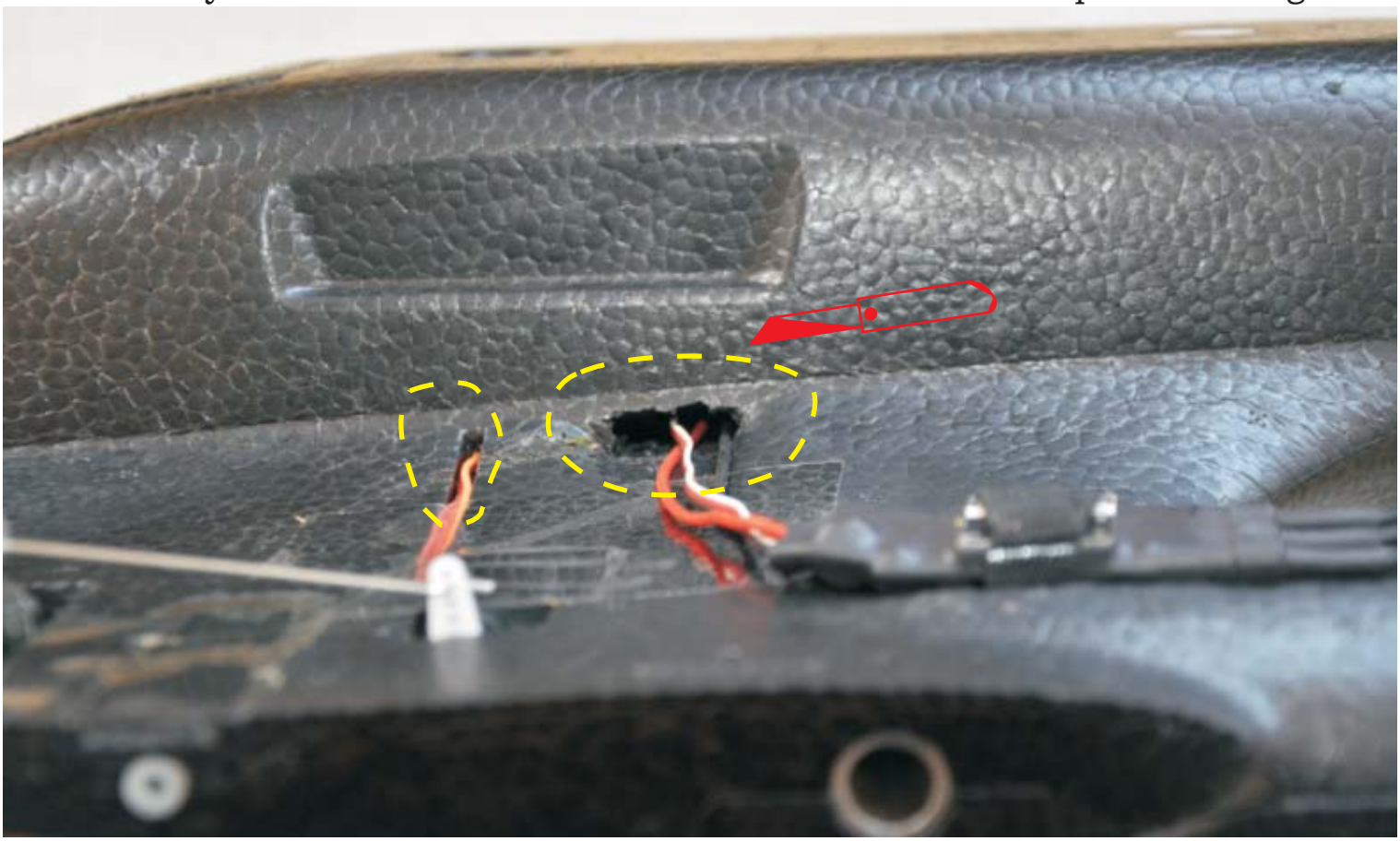



Note: Black EPP/White EPP and White EPO is the same

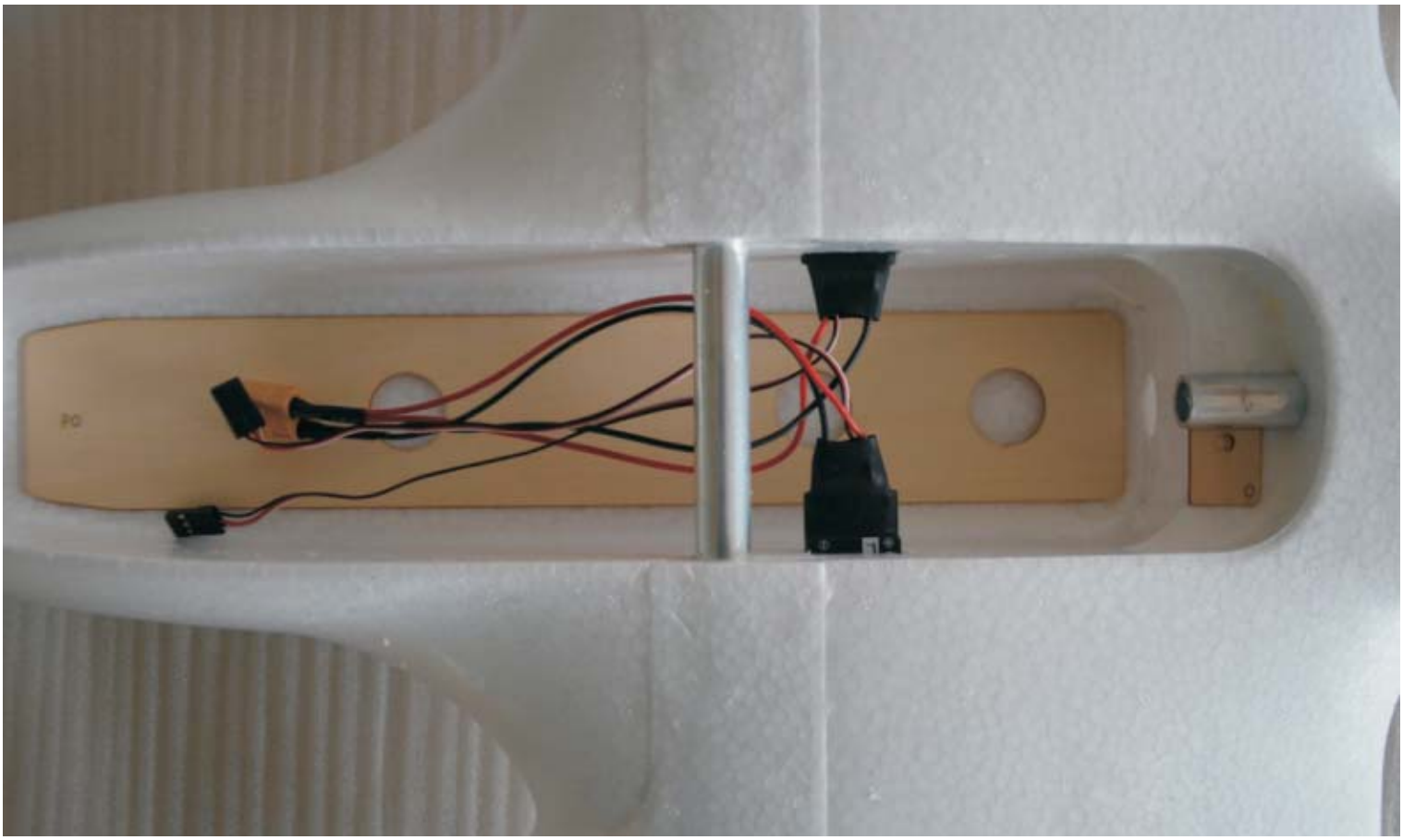
# Fuselage(EPP/EPO)

Note: Black EPP/White EPP and White EPO is the same

Use hobby knife cut a hole let ESC and Servo wire pass through



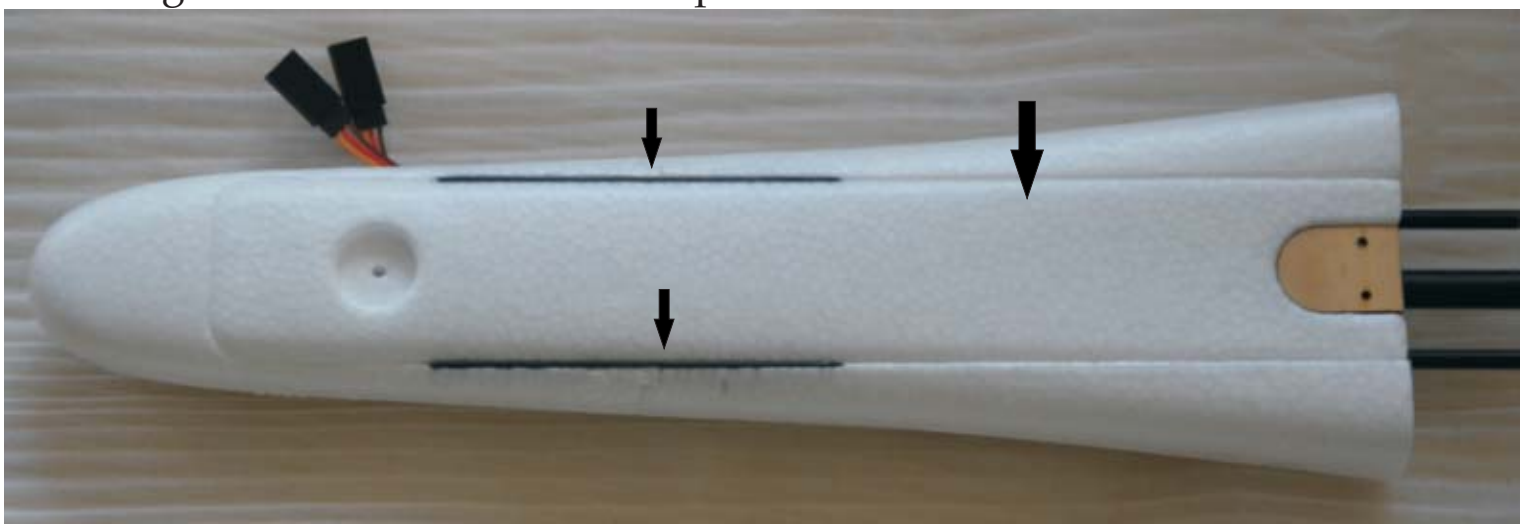
ESC pass through the hole like this



# T-Tail

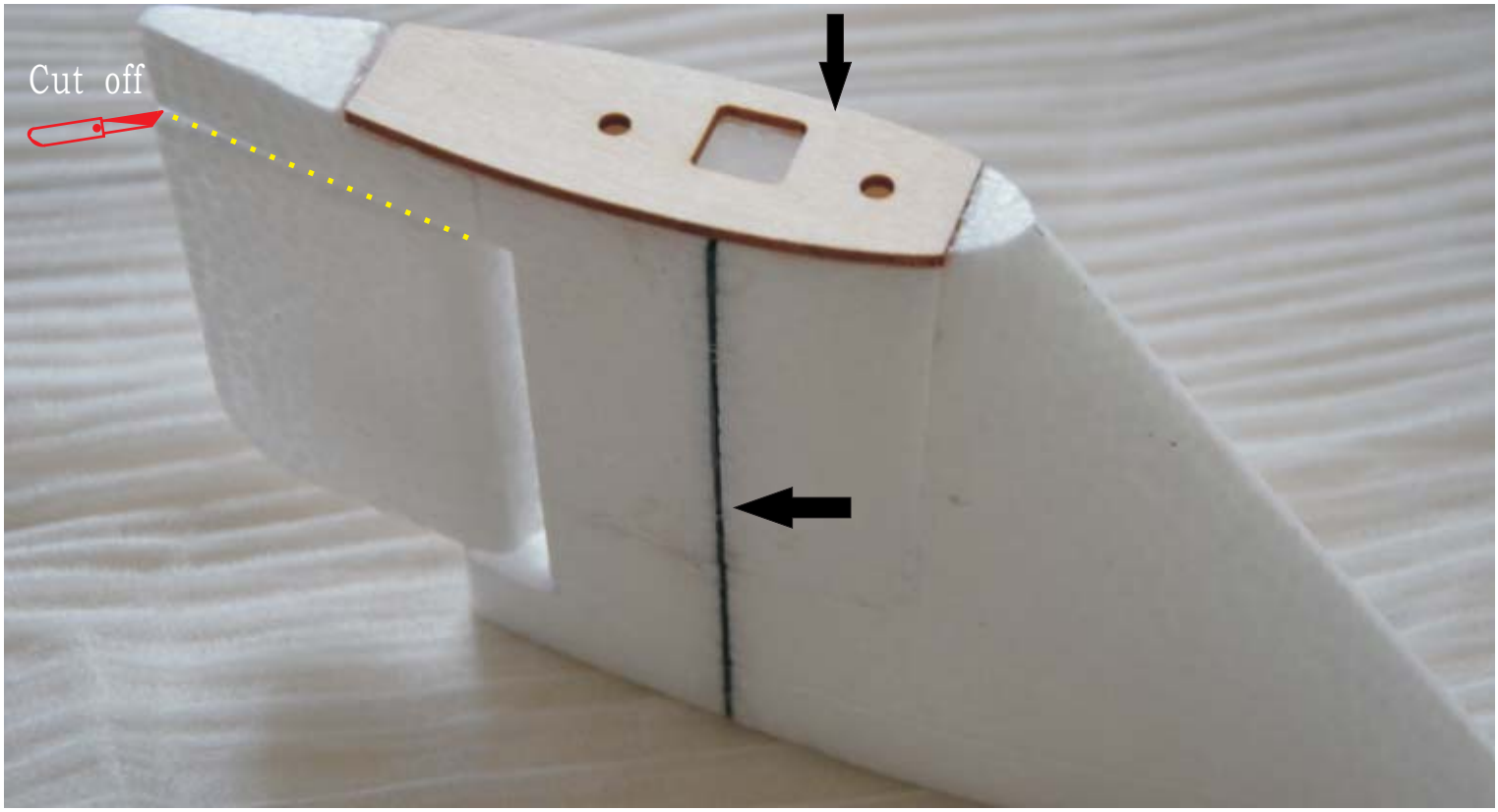
## #Tail-Boom

Gluing Cover and Carbon Strip



## #Vertical wing

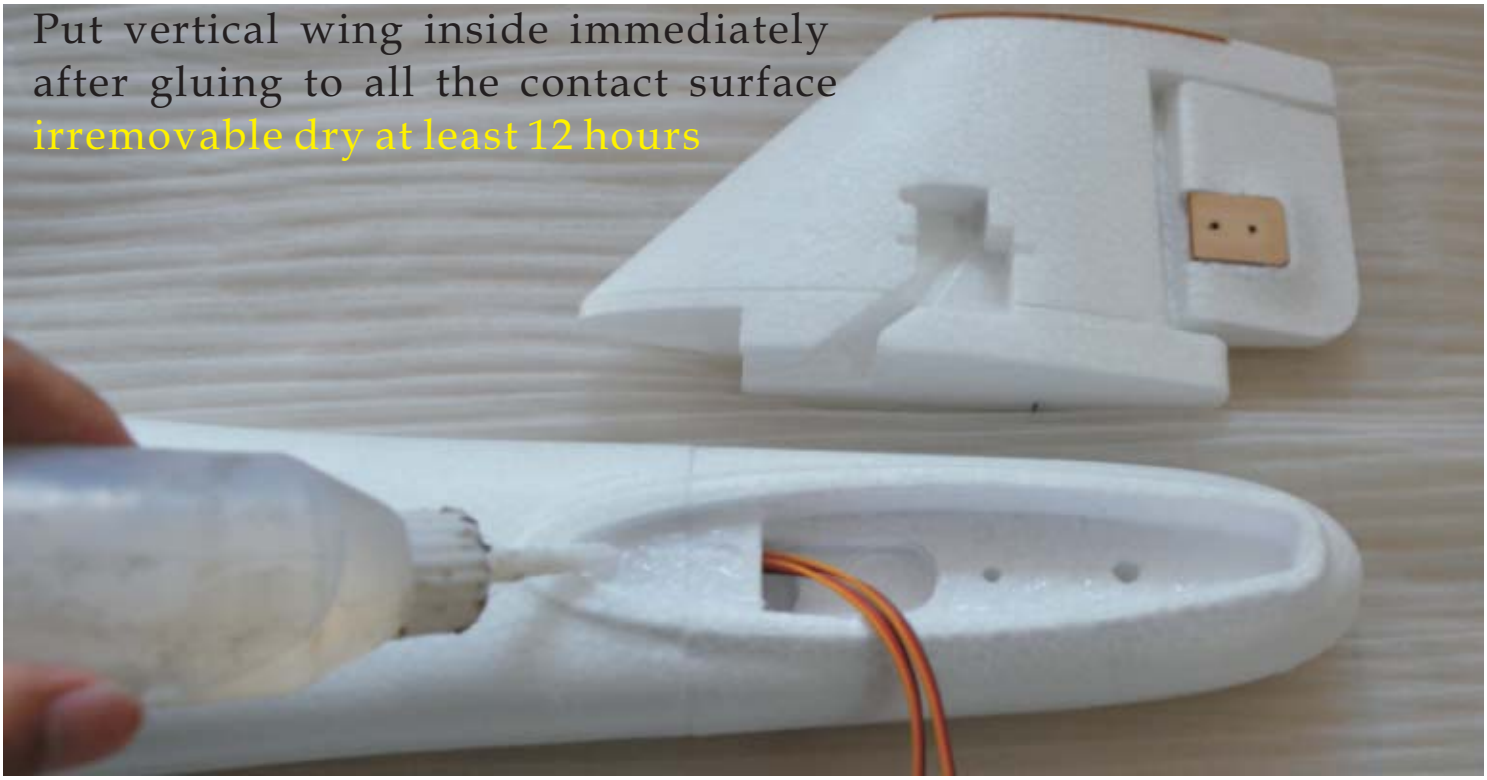
Gluing plywood and Carbon Strip

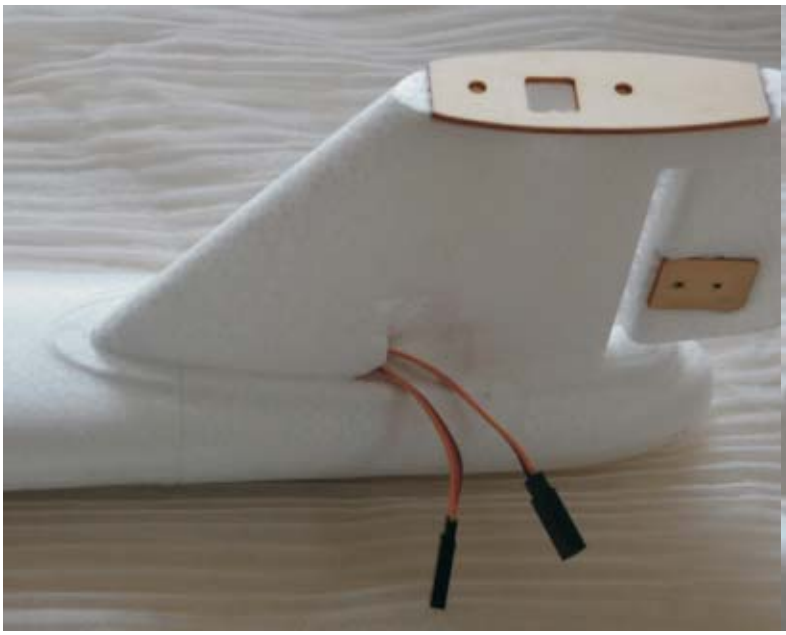


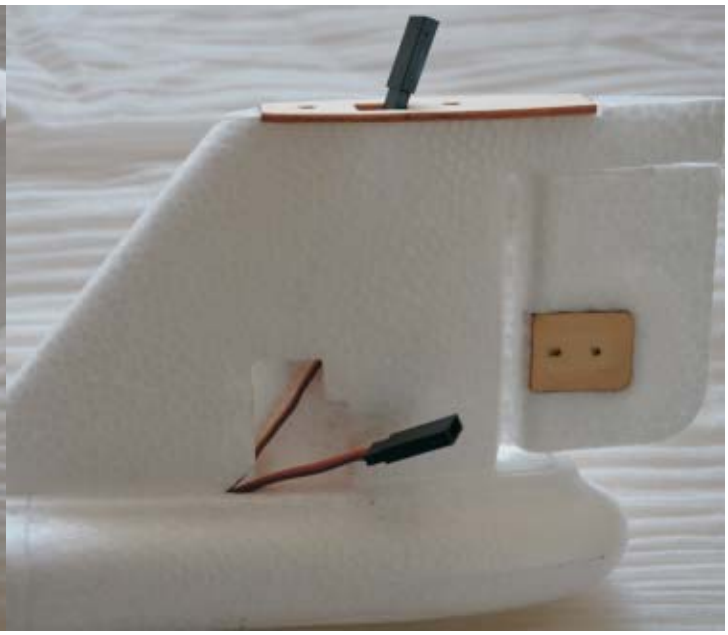

Now please let glue dry about 8 hours
before continuing the next step

# T-Tail

## #Glue vertical wing to the tail-boom





## Warning & Reminder:

Please must have to glue vertical wing to the tail firmly and irremovable dry at least 12 hours.
this is the only way to secure stabilizers,
there is a horizontal mark line on the vertical wing ,keep it parallel to the tail surface.

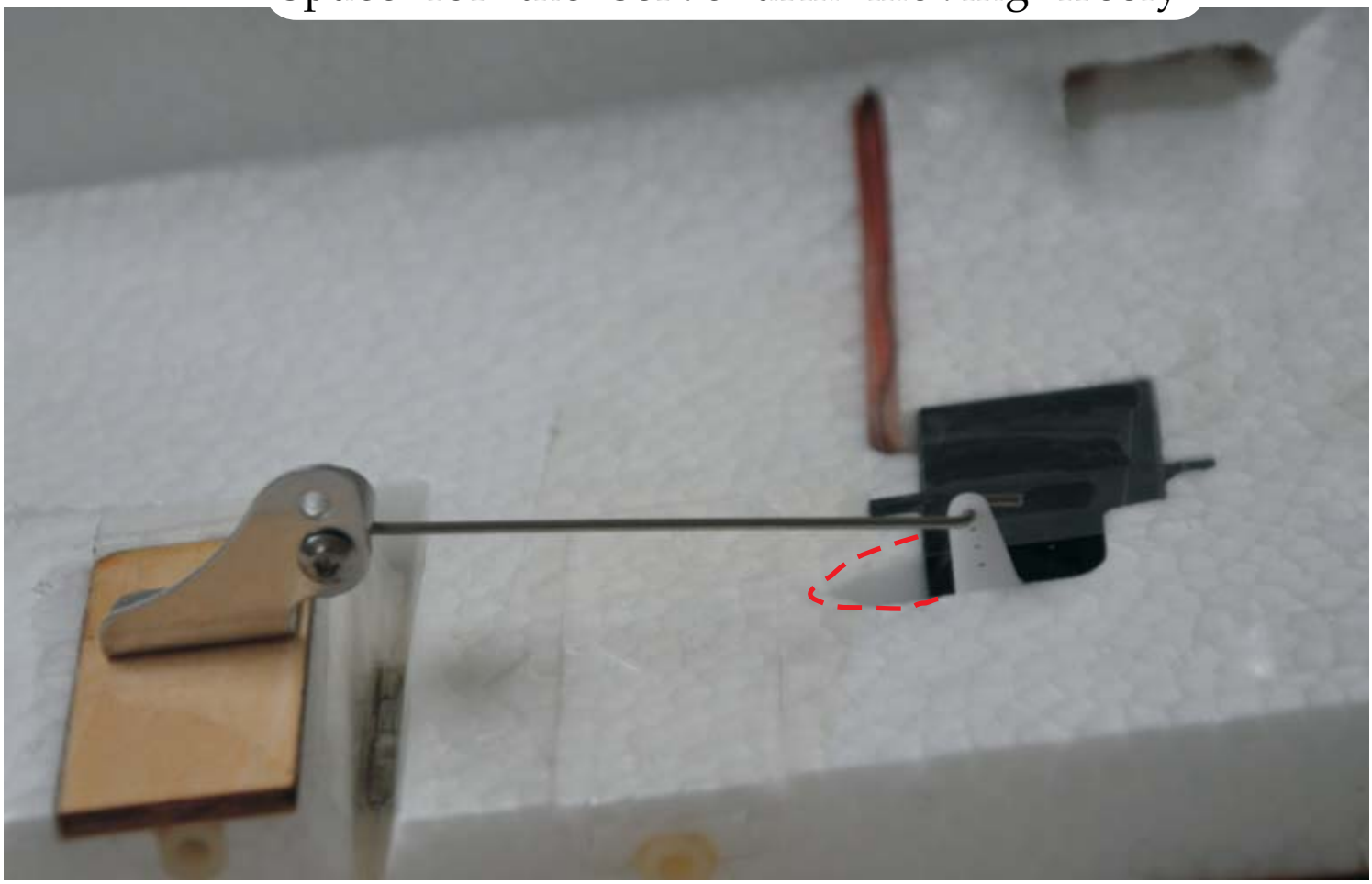
it's absolutely dangerous(wrong) dicision if you want to make the vertical stablizer detachable or removable in future by hot glue, tape, no mattery whatever way you think it's solid..
even if stabilizer not drop but 100% will loose during flight, 100% sure a loosing stabilizer is a unstable "stabilizer and cause any weird accident, out of control, etc.

A well glued vertical stabilizer won't loose or drop no matter what kind of impact,
stabilizer is still part of the whole tail even if fuselage, mainwing crashed to hundrends of pieces

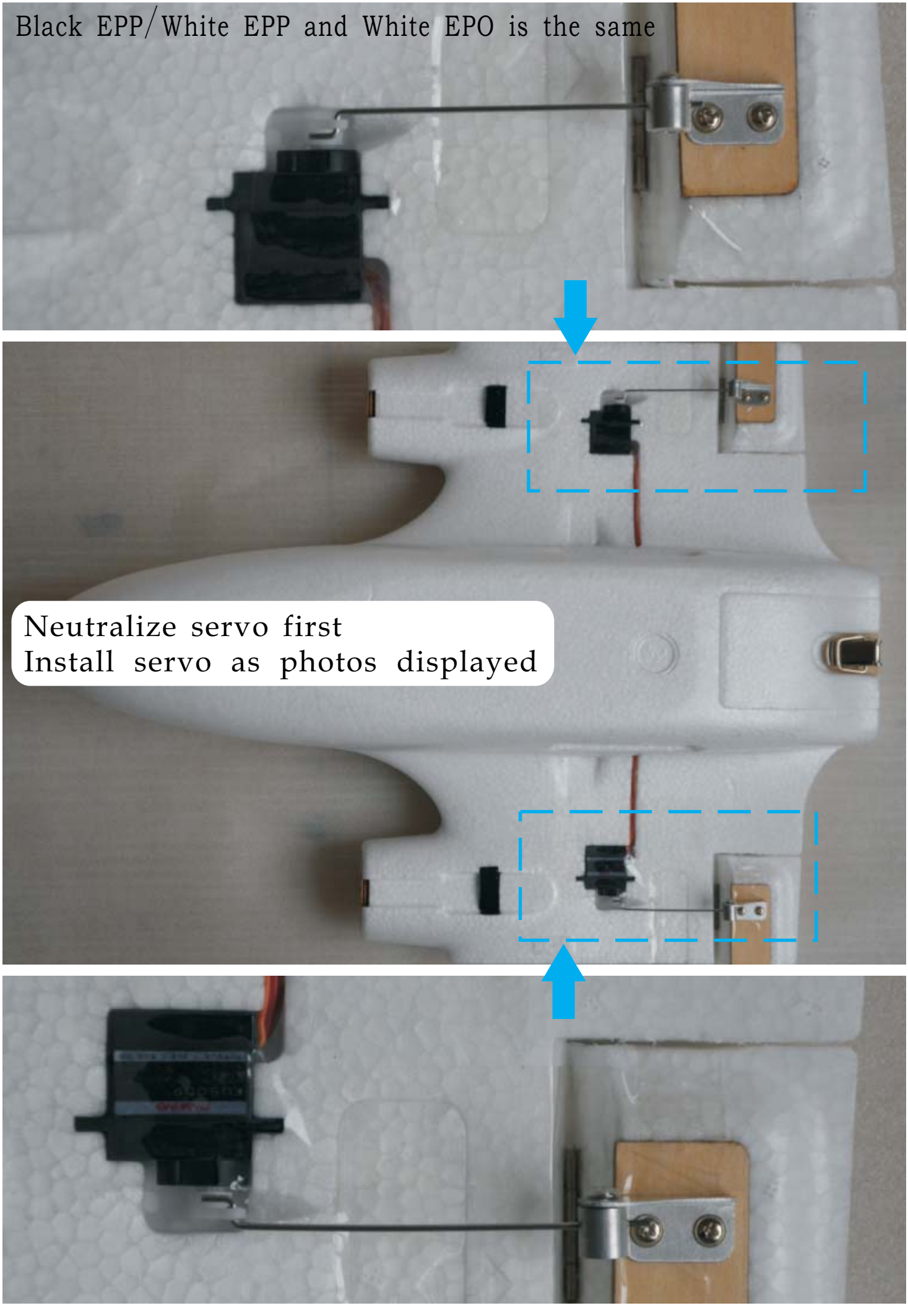
# Install servos (Fuselage/Main-Wing)

Black EPP/White EPP and White EPO is the same

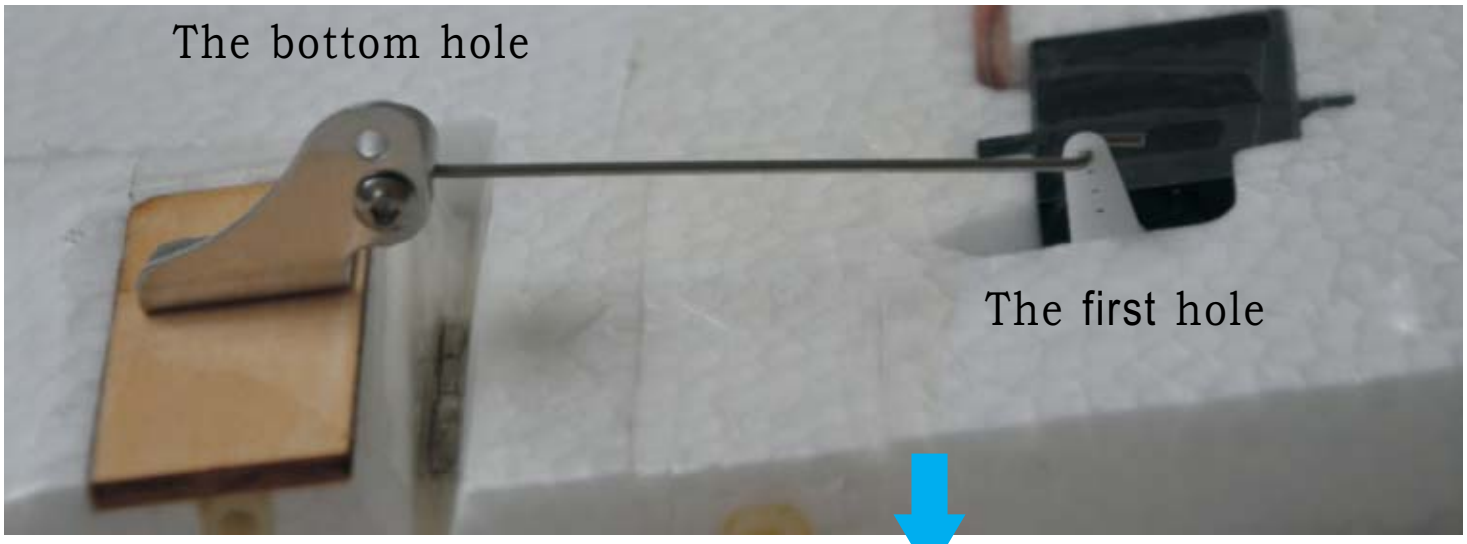
Enlarge the servo bay to have enough space for the servo arm moving freely

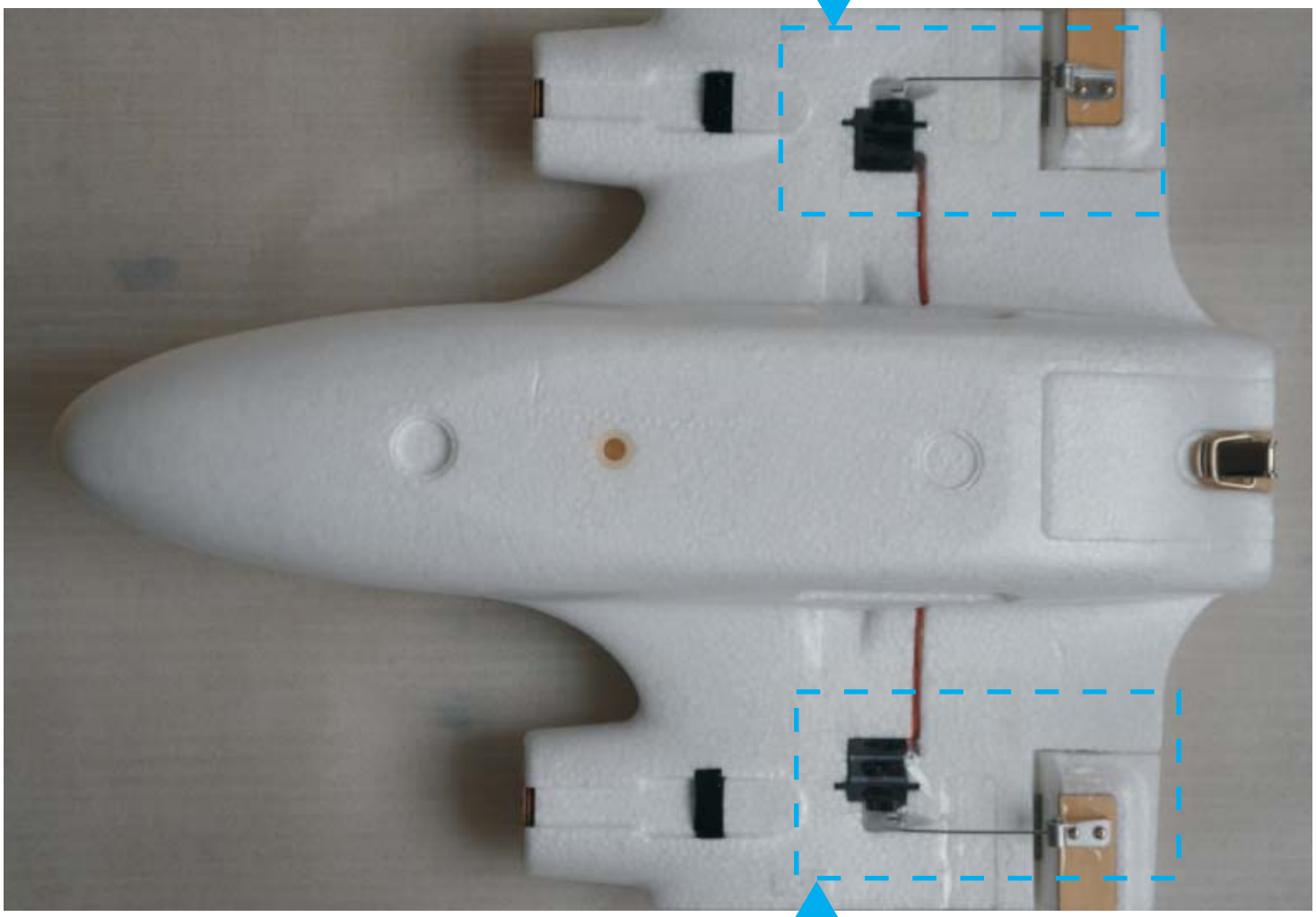


# Install servos (Use metal gear servo)

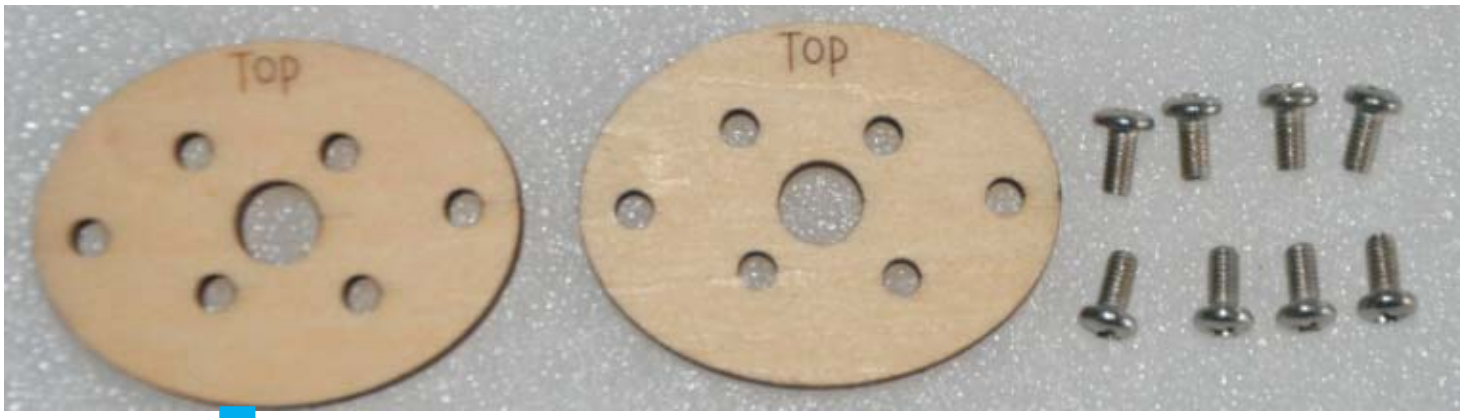


# Install servos (Use Metal mear servo)



# Motor/ESC/Propeller





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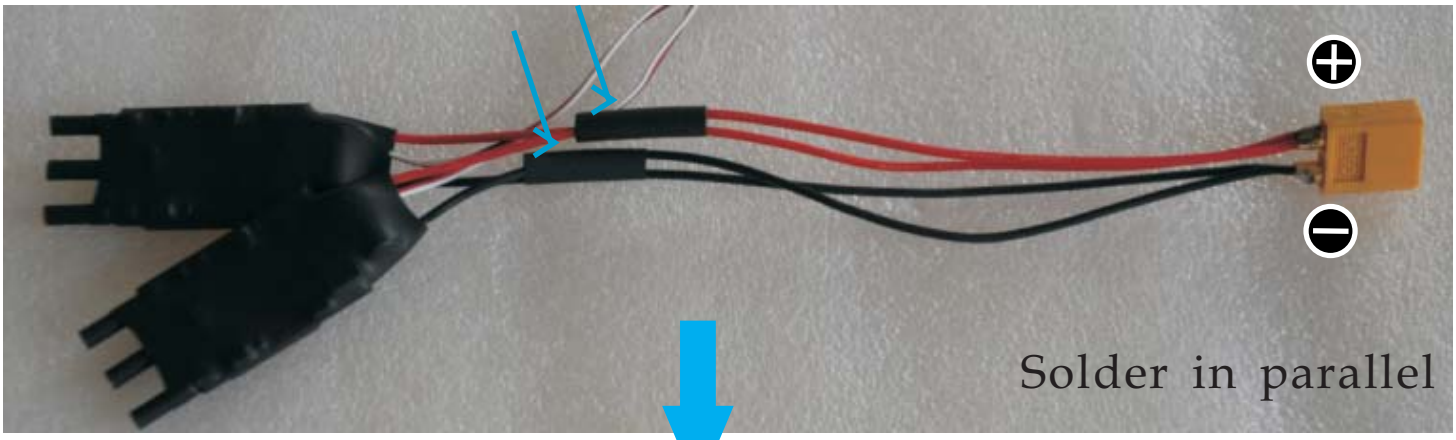
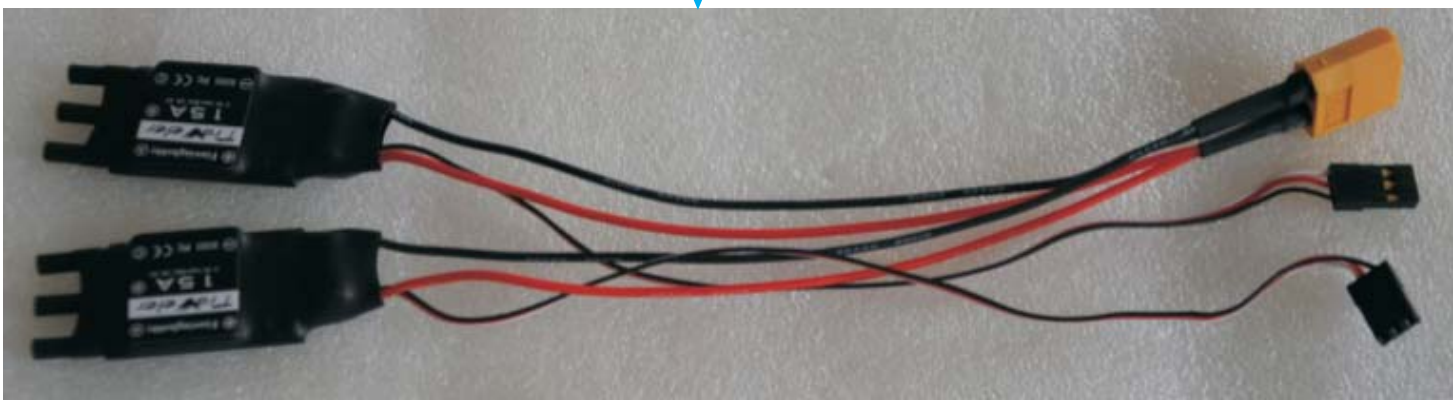
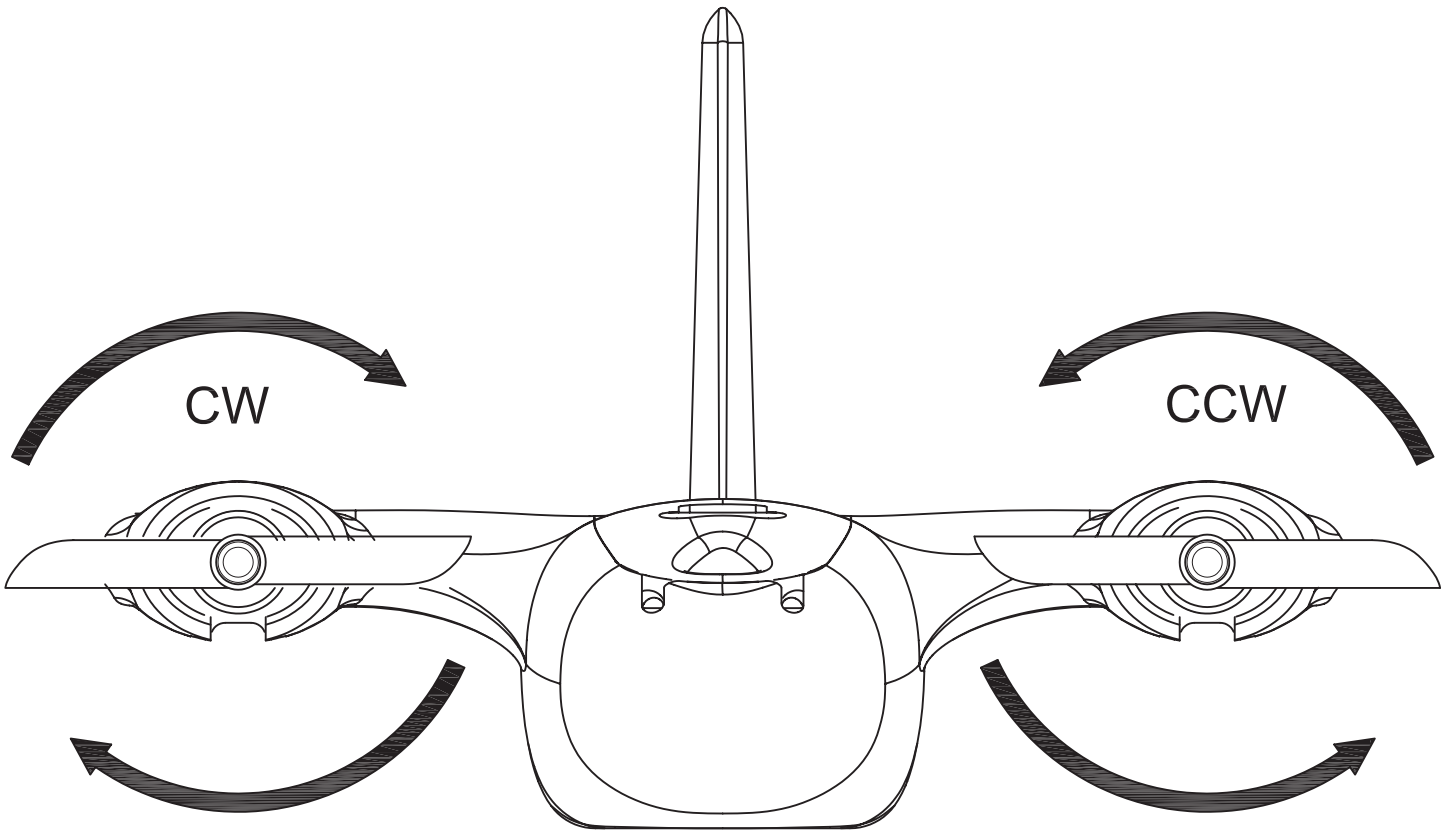
# Motor/ESC/Propeller

Black EPP/White EPP and White EPO is the same

Note: Move the heat shrink tubing inside first

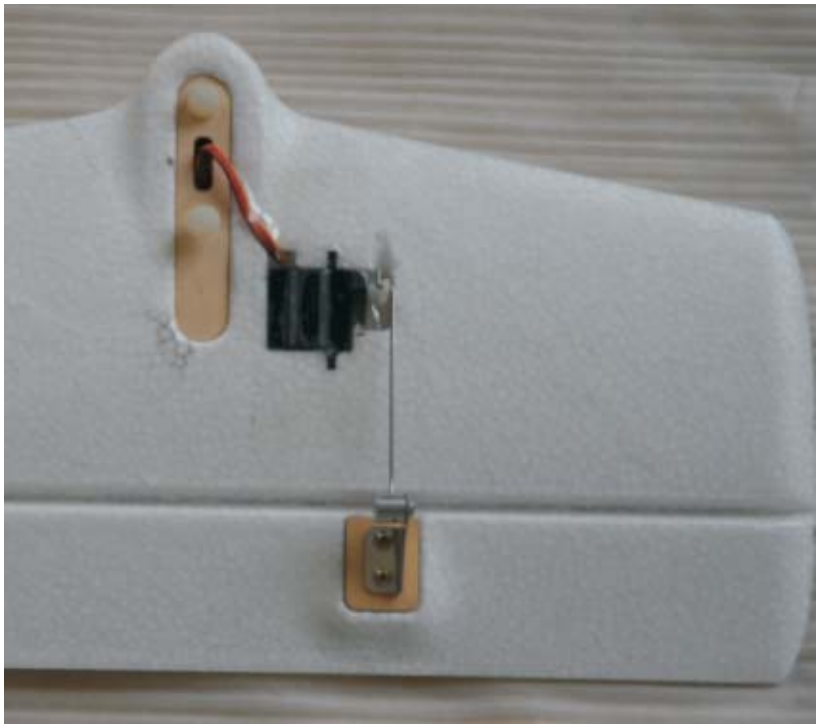


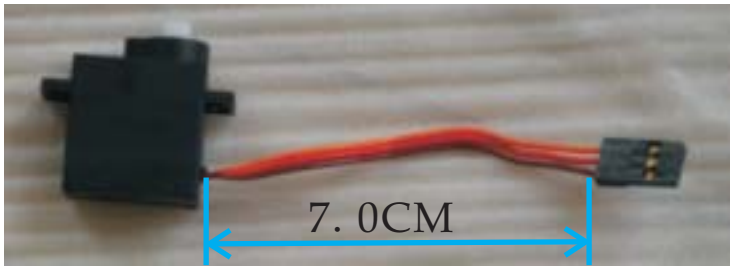


# T-Tail

FYI: during my later testing, I removed the rudder servo basically can't tell any difference without rudder
Still flying very good without rudder



Use the short wire servos for rudder and elevator if you have Finwing Stock V2 ARF Combo

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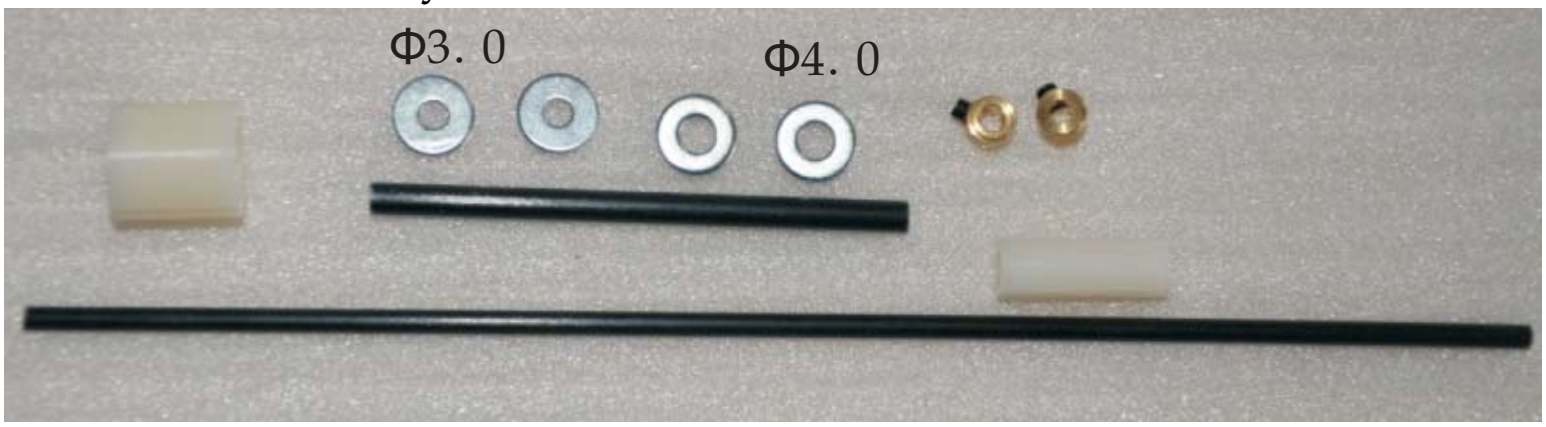
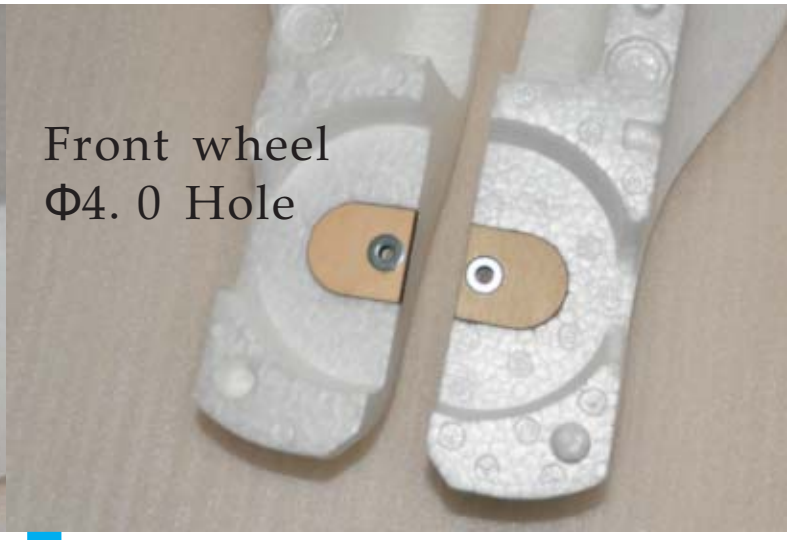
# Launch Cart

Launch Cart is not must to everybody(OPtions only)
Good to enjoying rolling take off and beginner
〈not included by kits/ARF〉




Find out all the parts, gluing the metal washers first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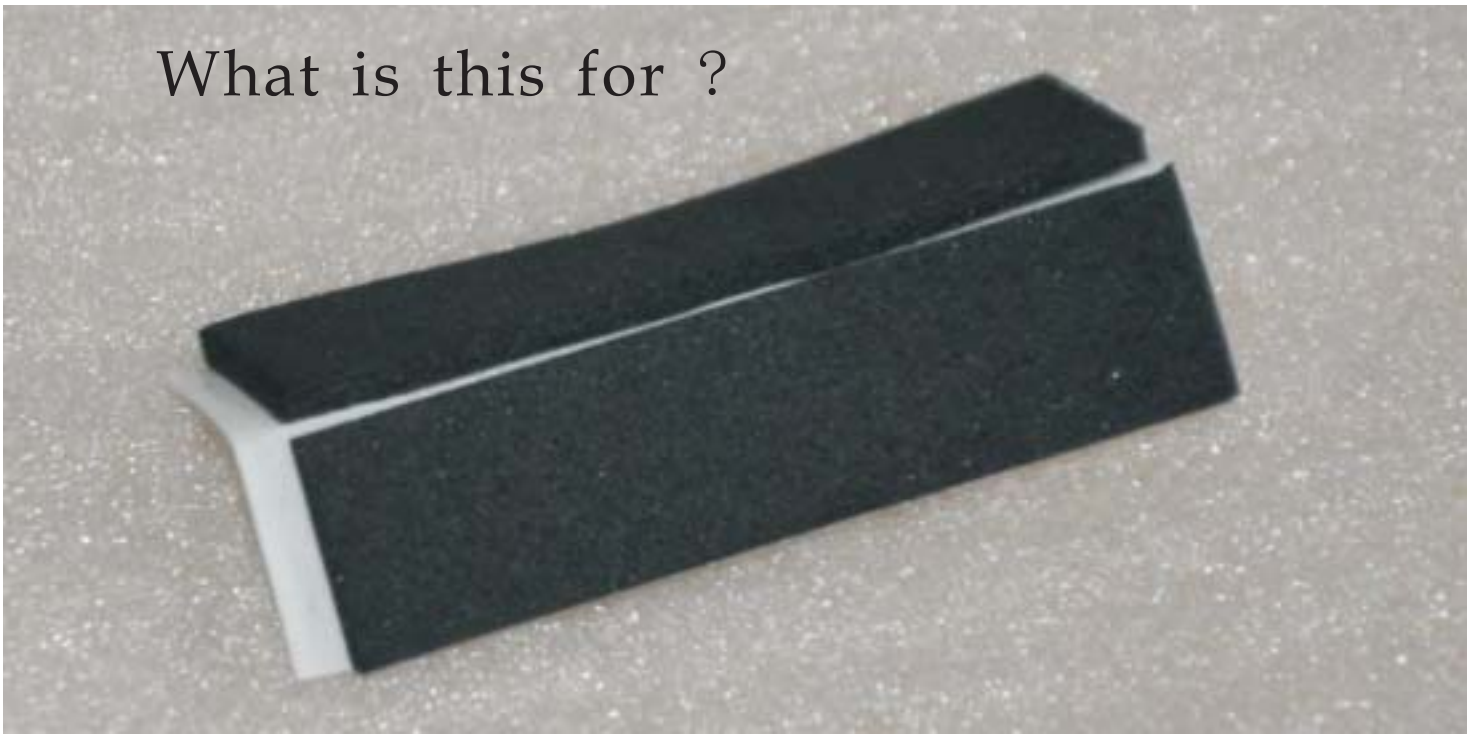
# EVA Cushion




Use it as cushion if you found the locker become loose