

Extra 330L-EP



Thank you very much for purchasing our product.



Radio: 4channels 4servos
Brushless Outrunner Motor F2205

Specifications

Wing span	38.1in/920mm
Wing area	16.63dm²
Flying weight	520g
Fuselage length	34.5in/880mm

Warning! This model is not a toy.

It is designed for maximum performance. Please seek advice if one not familiar with this kind of engine powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick reference.

Extra 330L-EP

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BEFORE YOU BEGIN

- ① Read through the manual before you begin , so you will have an overall idea of what to do.
- ② Check al prts. If you find anky defective of missing parts contact your local dealer.
- ③ Symbols used throughout this instruction manual comprise of the following:



Apply epoxy glue.



Apply instant glue
(C. A. glue, super glue.)



Assemble left and right
Sides the same way.



Ensure smooth non-binding
movement while assembling.



Peel off shaded portion
Covering film.



Cut off shaded portion.



Drill holes with the specified
Dameter (here: 3mm)



Must be purchased separately!



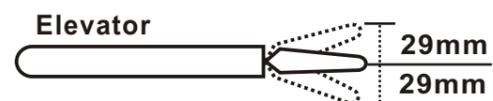
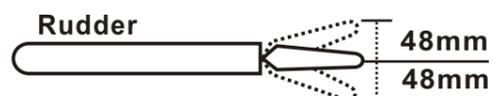
Pay close attention here!



Warning!

Do not overlook this symbol!

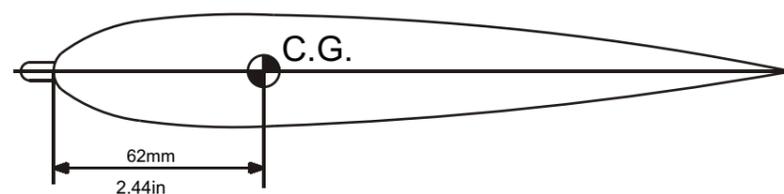
16 Control Rangers



Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.

17 C . G

The ideal C.G. position is 62mm behind the leading edge. In order to obtain the C.G. specified, add weight to the fuselage if required. Check the C.G. before flying.



! Warning

Important Safety Precautions

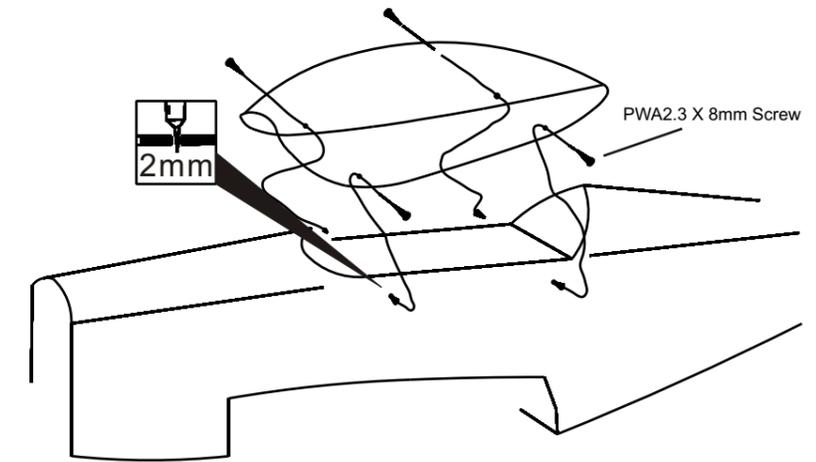
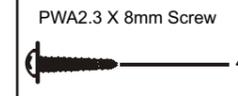
- #First time flyer should never fly by himself/herself. Assistance from experienced flyer is absolutely necessary.
- #Pre-flight adjustment must be done before flying, it is very dangerous to fly a badly pre-adjusted aircraft. 48
- #330L-EP is designed to be powered by 2-stroke, 40 or 4-stroke, 48 engines, using a more powerful engine does not mean better performance. In fact, over powered engine may cause severe damage and injuries.
- #Make sure the air field is spacious, never fly the plane too close to people and never get too close to a running propeller.
- #If you find wrinkles on the covering as a result of weather changes, you can use hot iron to remove the wrinkles. Please begin with lower temperature setting and gradually raise the temperature until the wrinkles are gone. Too hot an iron may damage the covering.
- #Check and re-tighten up all factory assembled screws, use thread locker if applicable.



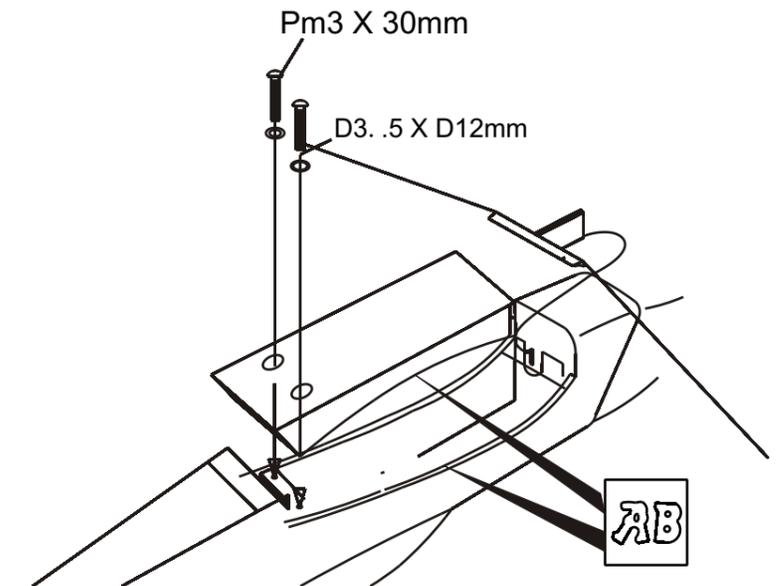
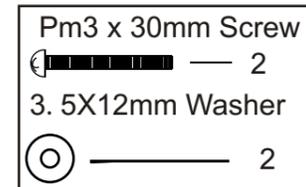
Parts List

- 1 .Fuselage - 1 pc .
- 2 .Main Wing - 1 pc .
- 3 .Stabilizer & Elevator - 1set .
- 4 .Vertical Fin & Rudder - 1set .
- 5 .Canopy - 1 pc .
- 6 .Cowling - 1pc .
- 7 .Spinner ϕ 45mm - 1set .
- 8 .Motor - 1set .
- 9 .Servo - 3sets .
- 10 .Battery - 1pc .
- 11 .Receiver - 1pc .
- 12 .Transmitter - 1set .
- 13 .Speed Controller - 1set .
- 14 .Sponge 10 x 80 x 200mm (For Radio Equipment) -1pc .
- 15 .Main Landing Gear - 1set.
- 16 .Tail drap - 1pc .
- 17 .Main Wheel ϕ 30mm - 2pcs .
- 18.Pushrod
 - Metal Rod ϕ 1.2x 70mm (For Aileron Servo) - 2pcs .
 - Metal Rod ϕ 1.2x 220mm (For Elevator Servo) - 1pc .
 - Metal Rod ϕ 1.2x 290mm (For Rudder Servo) - 1pc .
- 19 .Wooden Parts :
 - Basla 9x 9 x 14mm (For Aileron Servo) - 1pc .
 - Basla 4.5 x 4.5 x 14mm (For Aileron Servo) - 1pc .
 - Basla 10 x 10 x 85mm (For fixing motor) - 1pc .
 - Basla 4.2 x 8.4 x 85mm (For fixing motor) - 1pc .
- 20 .Plastic Parts :
 - Propeller - 1pc .
 - Hinge - 14pcs .
 - Plastic ring - 2pcs .
 - Mounting Plate - 4pcs .
- 21 .Metal Parts :
 - Linkage Stopper 2.1mm - 2pcs .
 - Collar 2.1mm w/set screw - 4sets .
 - Nut 2mm - 3pcs .
 - Screw PWA2.3 x 8mm - 8pcs .
 - Screw PA3 x 12mm - 8pcs .
 - Screw PM2 x 10mm - 4pcs .
 - Screw PM2 x 14mm - 1pc .
 - Screw PM2 x 16mm - 2pcs .
 - Screw PM3 x 35mm - 1pc .
 - Washer d3mm x D12mm - 1pc .
- 22 .Decals - 1set .

13 Canopy

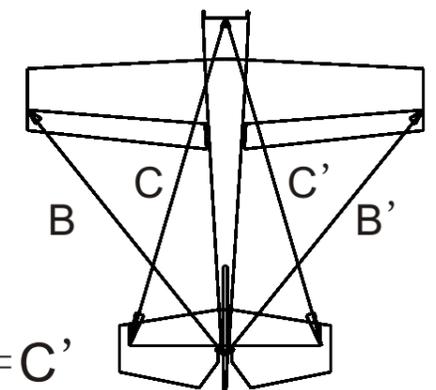
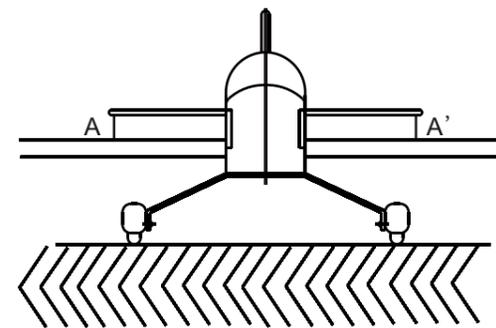


14 Main Wing



15 Wing Setting

- Adjust the wing and fuselage configuration as in the diagrams.

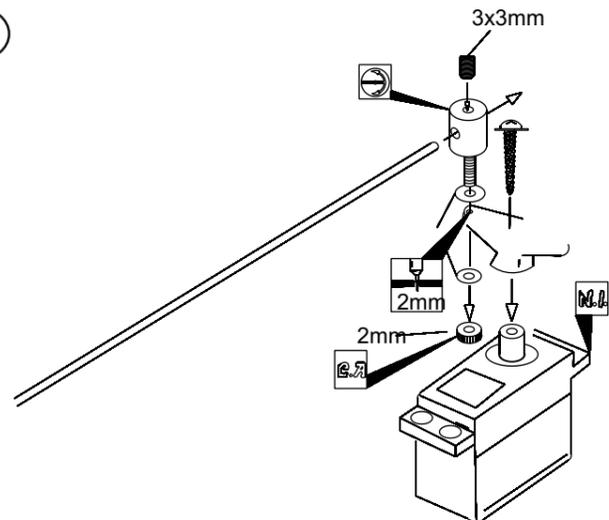


$$A=A' \quad B=B' \quad C=C'$$

10 Servo Set

Adjuster

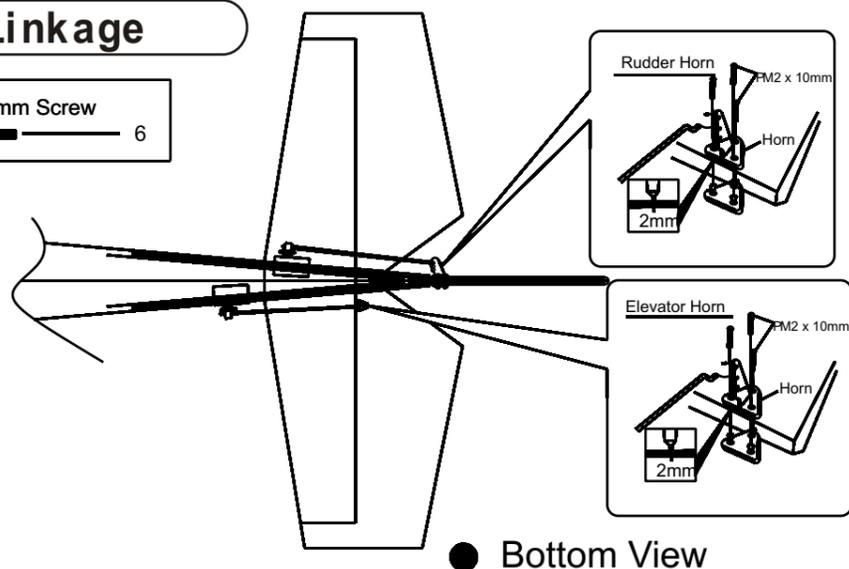
- 3x3mm Set Screw 5
- Linkage Stopper 5
- 2mm Nut 5
- 2mm Washer 5
- 2mm Washer 8



11 Linkage

PM2 x 20mm Screw

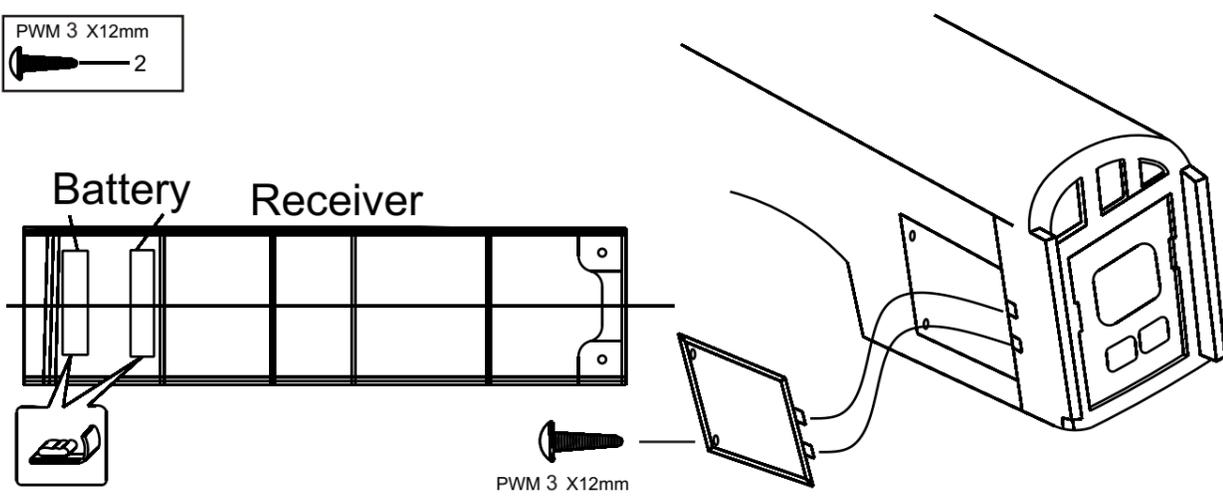
6



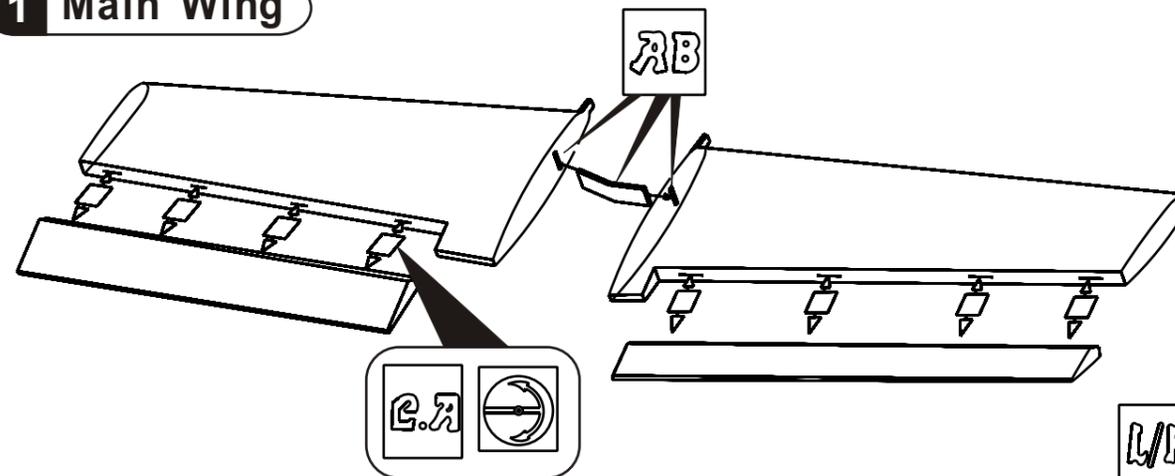
12 Radio Equipment

PWM 3 X12mm

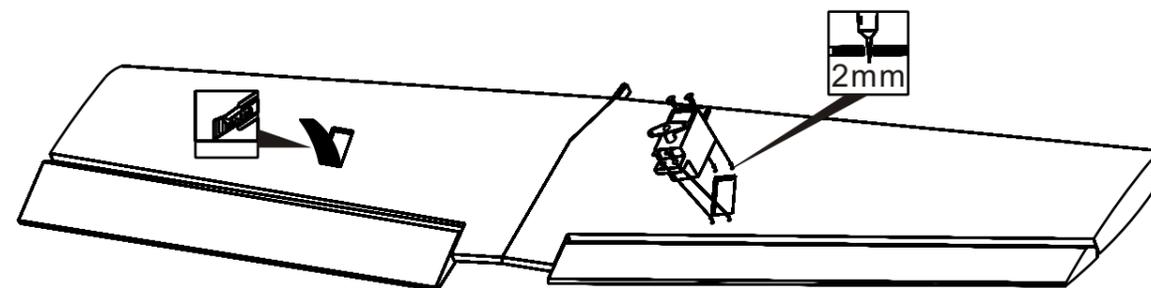
2



1 Main Wing



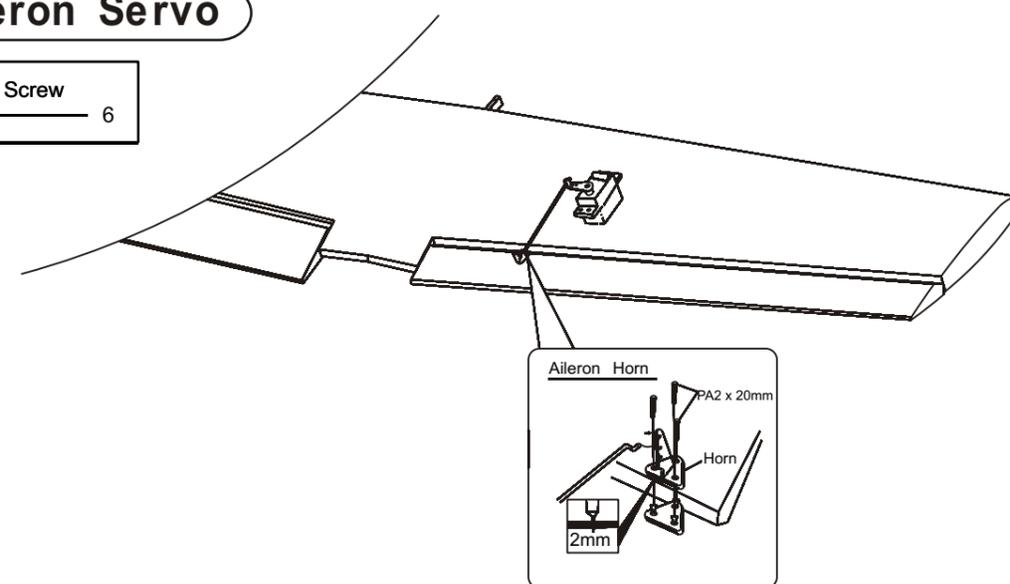
2 Aileron Servo



3 Aileron Servo

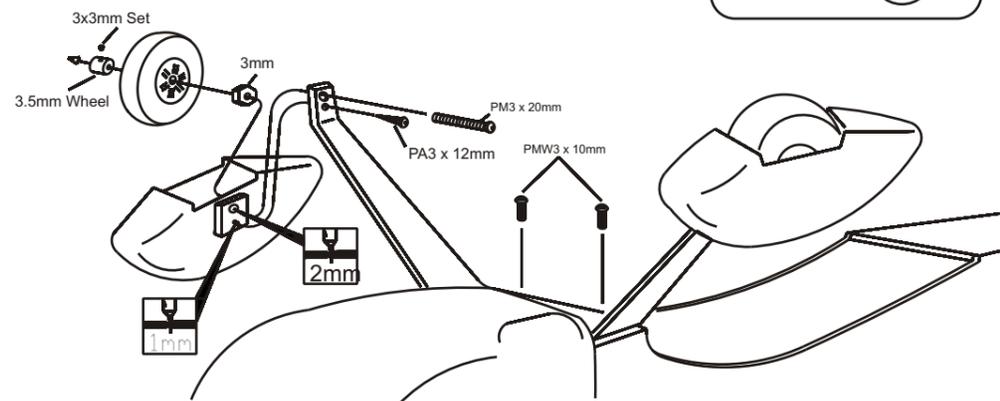
PM2 x 20mm Screw

6

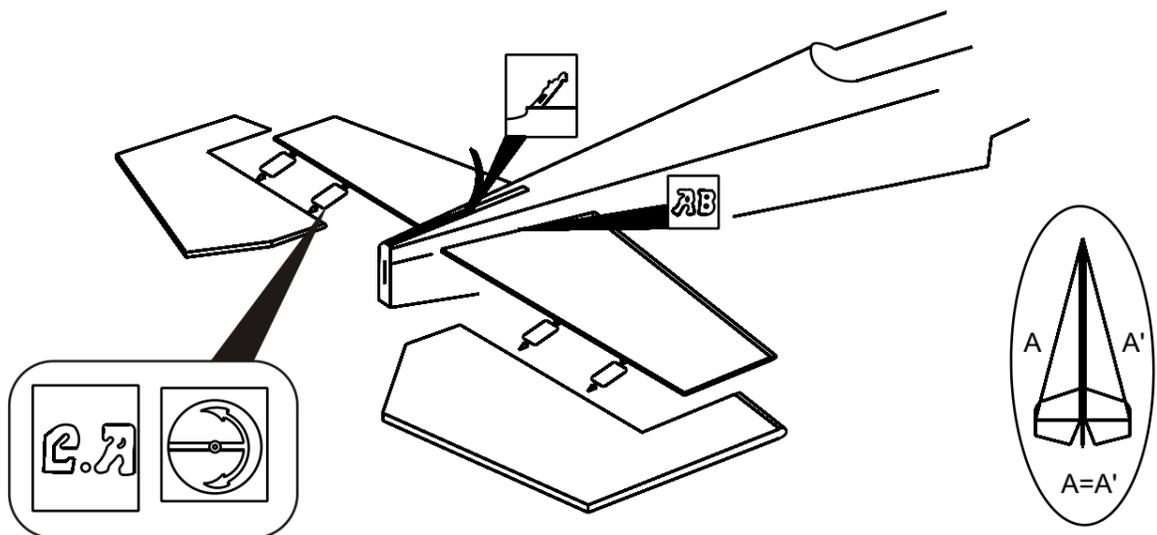


4 Landing Gear

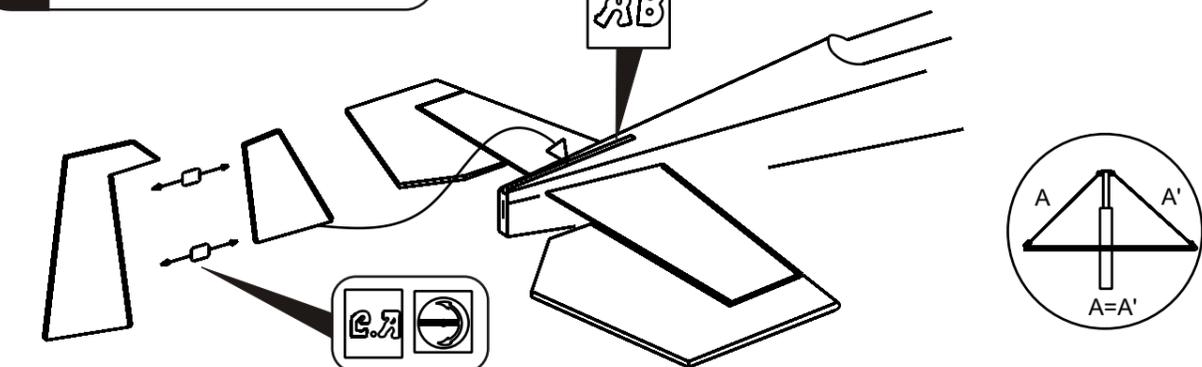
- PM3X 20mm Screw — 2
- 3mm Nut — 2
- 3.5mm Wheel Collar — 2
- 3x3mm Set — 2
- PMW3X10mm — 2
- PA3X10mm — 2



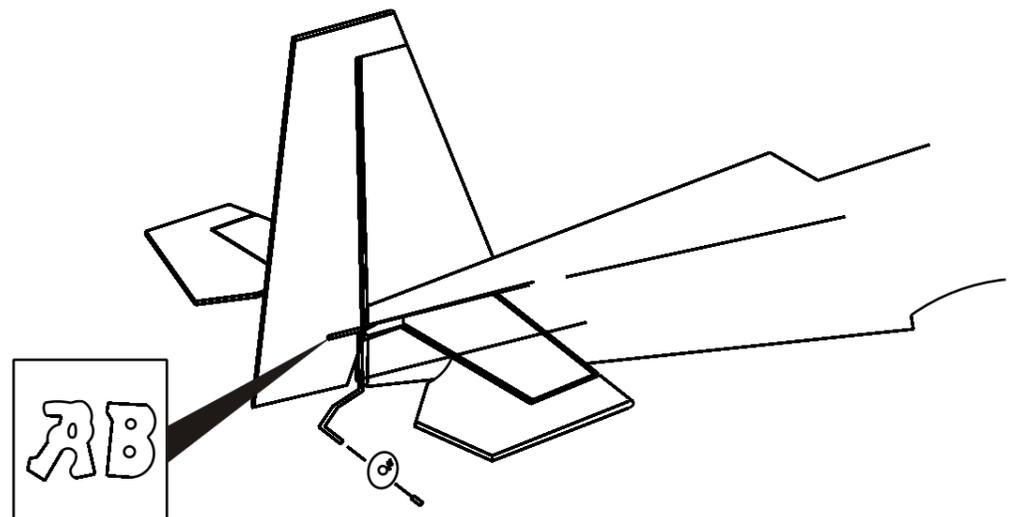
5 Stabilizer/Elevator



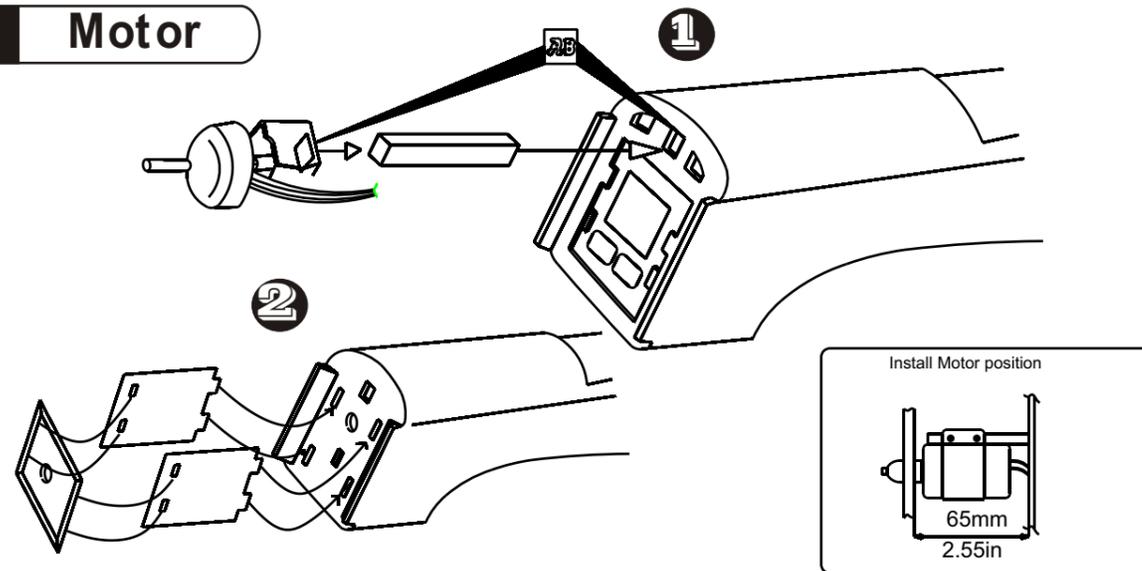
6 Vertical Fin/Rudder



7 Tail Landing Gear



8 Motor



9 Canopy

- PWA2. 3X8 — 4

