

Edge 540-25&EP



Thank you very much for purchasing our product.



Radio: 4channels 5servos

Engine: 2c 0.25 -0.32 cu in

4c 0.32 - 0.40 cu in

Motor: 500W Outrunner brushless motor

Specifications

Wing span 45.3in/1150mm

Fuselage length 40.5 in / 1030mm

Flying weight 3.6lb / 1650g

Wing area 381sq in /24.6 sq dm

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.

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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!



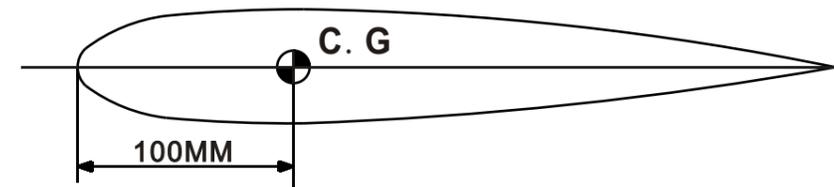
Pay close attention here!



Do not overlook this symbol!

16 C. G

The ideal C.G. position is 100mm 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.



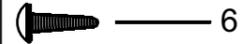
! Warning

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.
- #Katana is designed to be powered by **2c 0.25 cu in** out brush less electric motor. using a more powerful engine does not mean better performance. In fact, over powered engine may cause structural 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.

13 Canopy

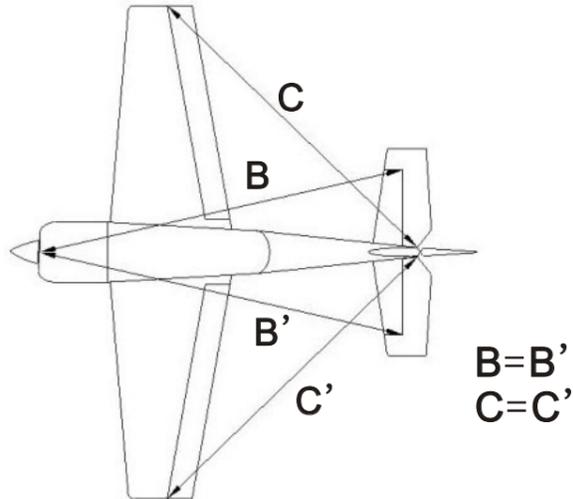
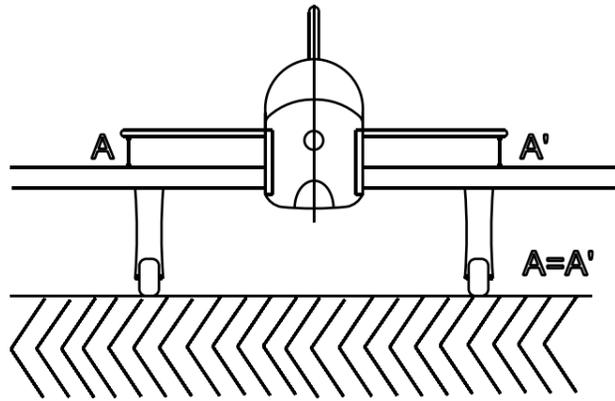
PWA2.6 X12mm



PWA2.6 X12mm

14 C. G Point

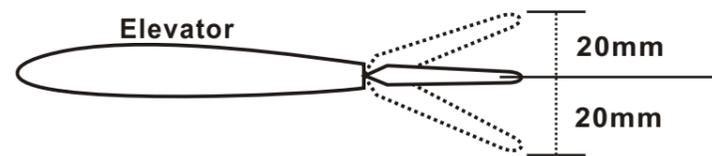
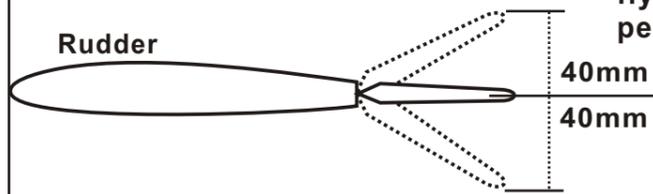
Adjust the wing and fuselage configuration as in the diagrams.



B=B'
C=C'

15 Control Throws

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

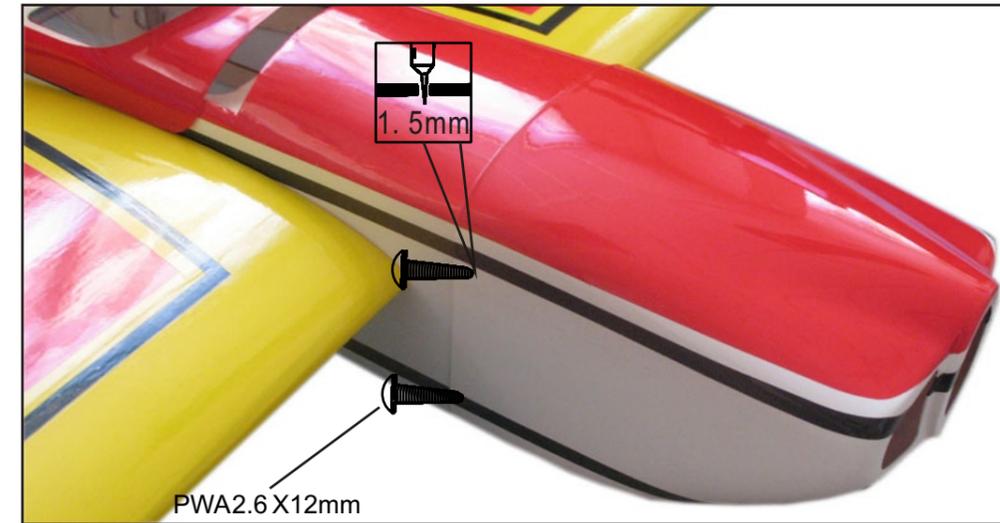


Parts List:

- 1.Fuselage-1pcs
- 2.Right Wing-1pcs
- 3.Left Wing-1pcs
- 4.Horizontal Stabilizer-1set
- 5.Vertical Stabilizer-1set
- 6.Cowl-1pcs
- 7.Canopy-1pcs
- 8.Wheel Pant-1set
- 9.Engine seat 070-1set
- 10.Engine seat mount bolt PM4X30MM-4pcs
- 11.Engine mount bolt PM4X40MM-4pcs
- 12.Flat washer D4.1XD10-12pcs
- 13.Engine mount nut M4-8pcs
- 14.Blind Nuts M4-4pcs
- 15.Front Landing Gear 2.5MM-1pcs
- 16.Front Wheel φ60MM-2pcs
- 17.Wheel Axle M8-2pcs
- 18.Wheel Collar φ4.1MM-2pcs
- 19.Round Head Screw PA3X14-2pcs
- 20.Back Landing Gear φ2MM-1set
- 21.Front Wheel φ30MM-1pcs
- 22.Metal Screw PA2X10MM-4pcs
- 23.Wheel Collar φ2.1-2pcs
- 24.Wing bolt PM4X30MM-2pcs
- 25.Flat washer D4.1XD15 -2pcs
- 26.Round Head Screw PWA2.3X12 -4pcs
- 27.Round Head Screw PWA2.3X12 -4pcs
- 28.Round Head Screw PM4X16-3pcs
- 29.Flat washer D4.1XD10-3pcs
- 30.Adjustable Control Horns -5set
- 31.Clevis -5pcs
- 32.Round Head Screw PM2X20MM-6pcs
- 33.Round Head Screw PM2X16MM-9pcs
- 34.Nylon E/Z Link -3pcs
- 35.Small ID tubing φ6X5MM-8pcs
- 36.EZ Connector φ2.1MM-2pcs
- 37.Fuel Tank 350CC -1set
- 38.Wire pushrod φ8X430MM-1pcs
- 39.Shrink tubing φ8X40MM-2pcs
- 40.Wire pushrod φ1.8X250MM-2pcs
- 41.Wire pushrod φ1.8X150MM-1pcs
- 42.Wire pushrod φ6X450MM-1pcs
- 43.Shrink tubing φ6X40MM-2pcs
- 44.Wire pushrod φ1.8X250MM-1pcs
- 45.Wire pushrod φ1.8X150MM-1pcs
- 46.Wire pushrod φ1.8X150MM-2pcs
- 47.Wire pushrod φ1.5X380MM-1pcs
- 48.Wood 12X12X132MM-1pcs
- 49.Ply Wood 3X35X114MM-1pcs
- 50.Wing bolt φ13.6X468MM

11 Cowling Spinner

PWA2.6 X12mm



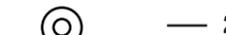
L/R

12 Main Wing (Lower)

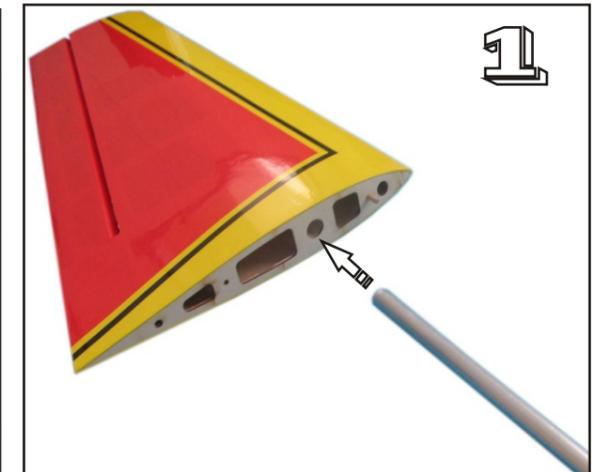
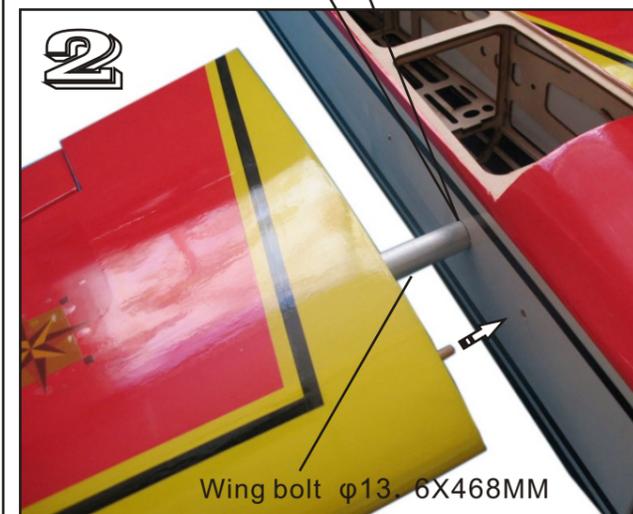
CM3X15 Screw



φ3mm Washer

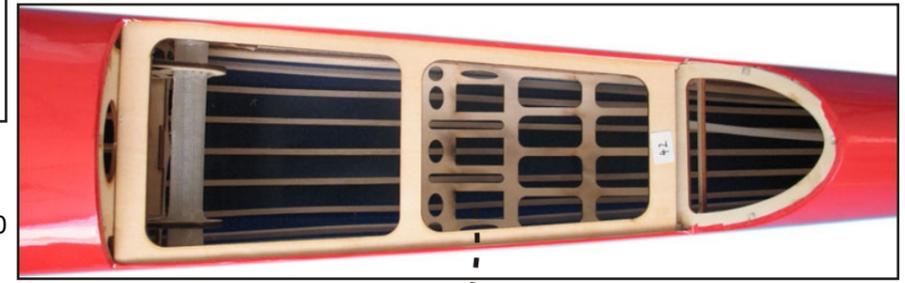
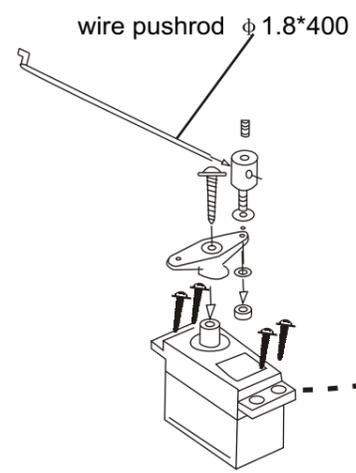


L/R



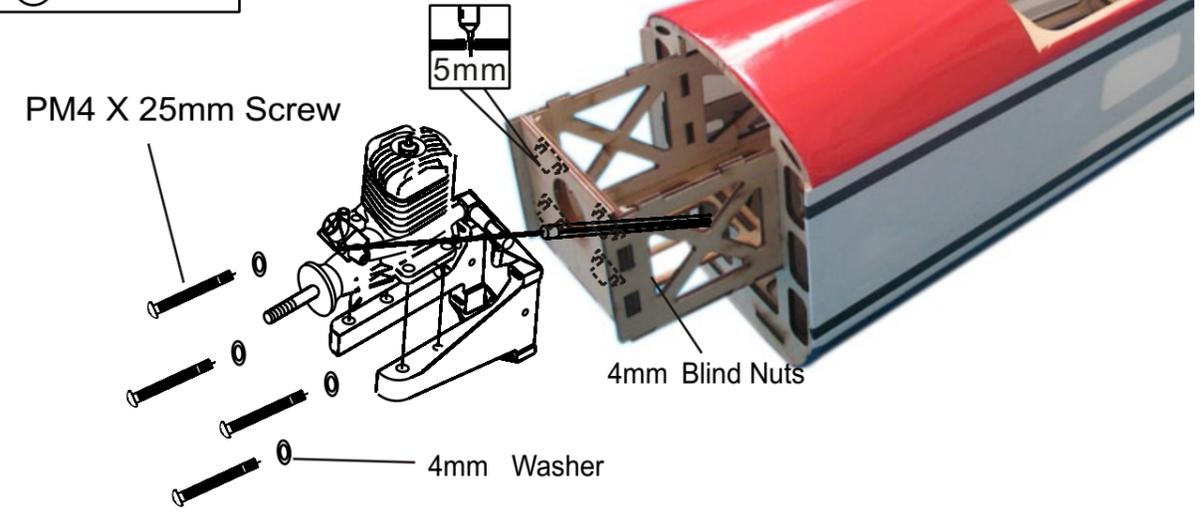
9 Throttle Servo

- Linkage Stopper — 1
- 2mm Nut — 1
- 3X3mm set screw — 1

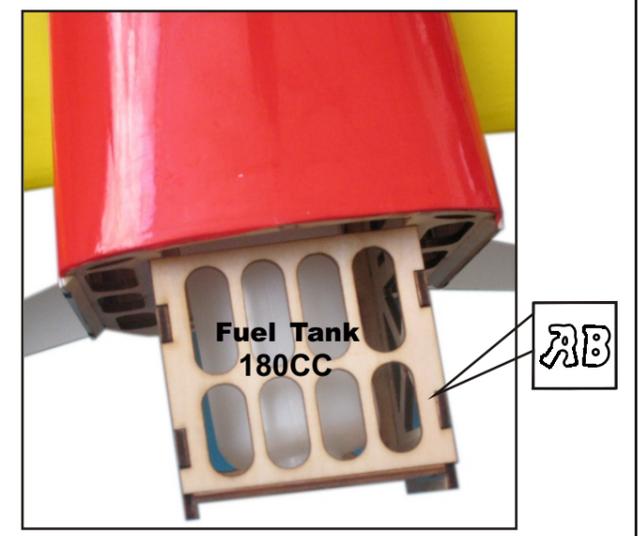
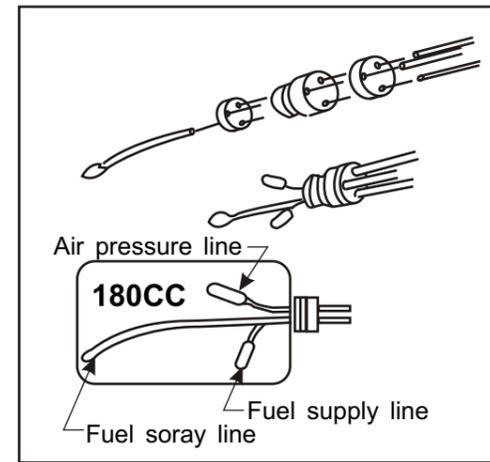


10 Engine

- PM4 X 25mm Screw — 4
- 4mm Blind Nuts — 4
- 4mm Washer — 4

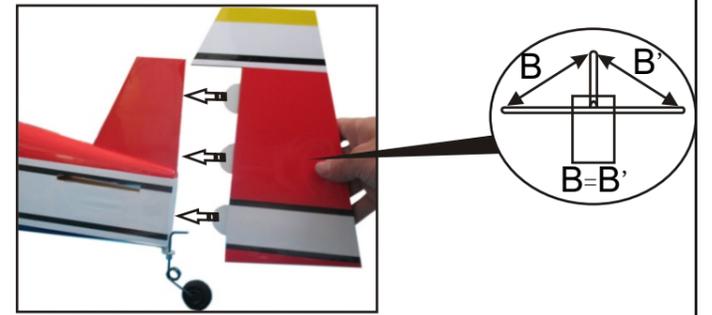


1 Fuel Tank

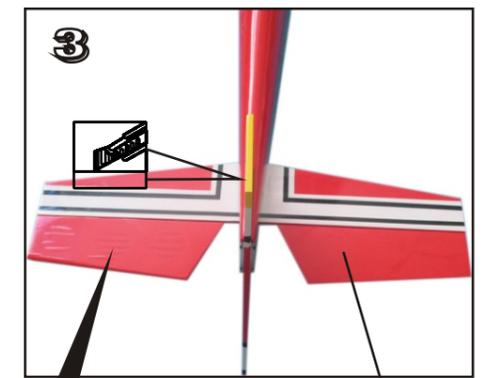
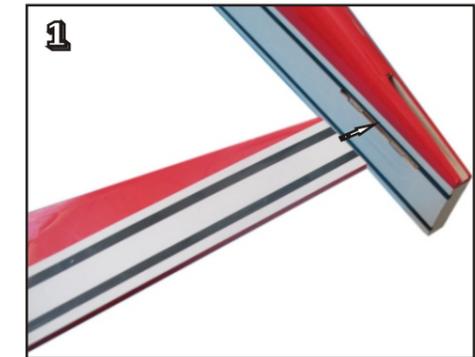
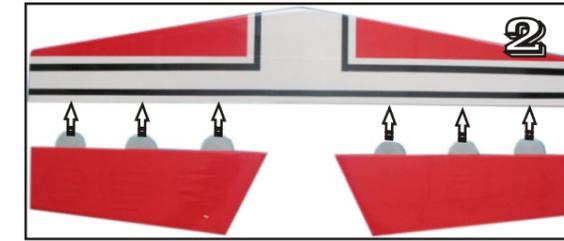


2 Gemel

Horizontal Connect



3 Stabilizer/Elevator

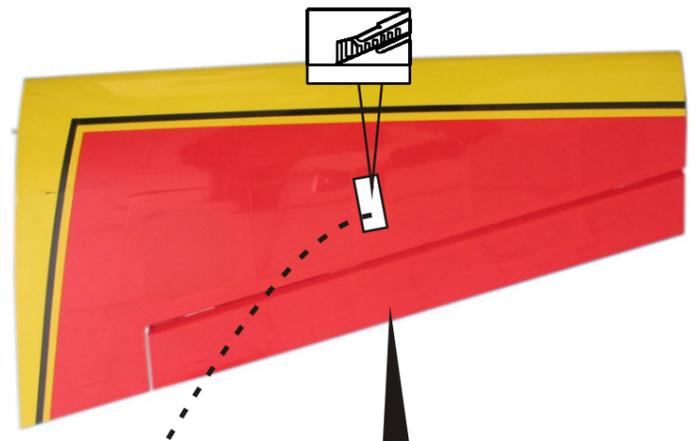


Vertical

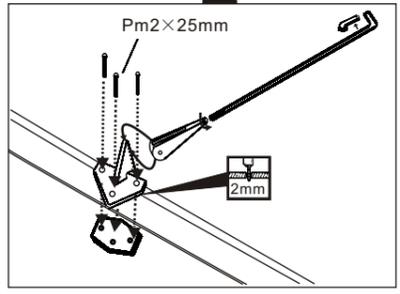
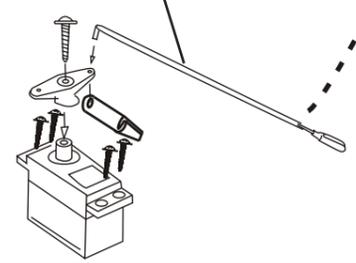


4 Wing/Servo

- PM2×25mm Screw — 6
- Rod adjuster — 2
- Control horns — 2
- Nylon E/Z Link — 2



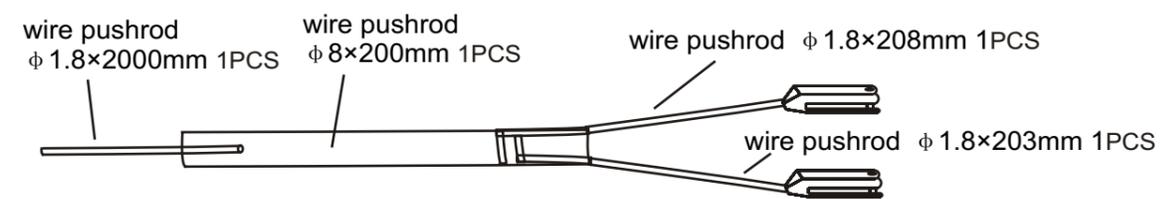
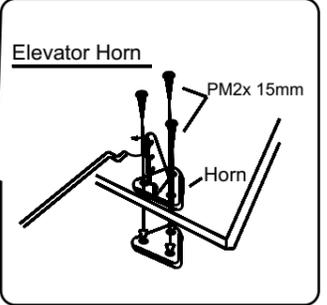
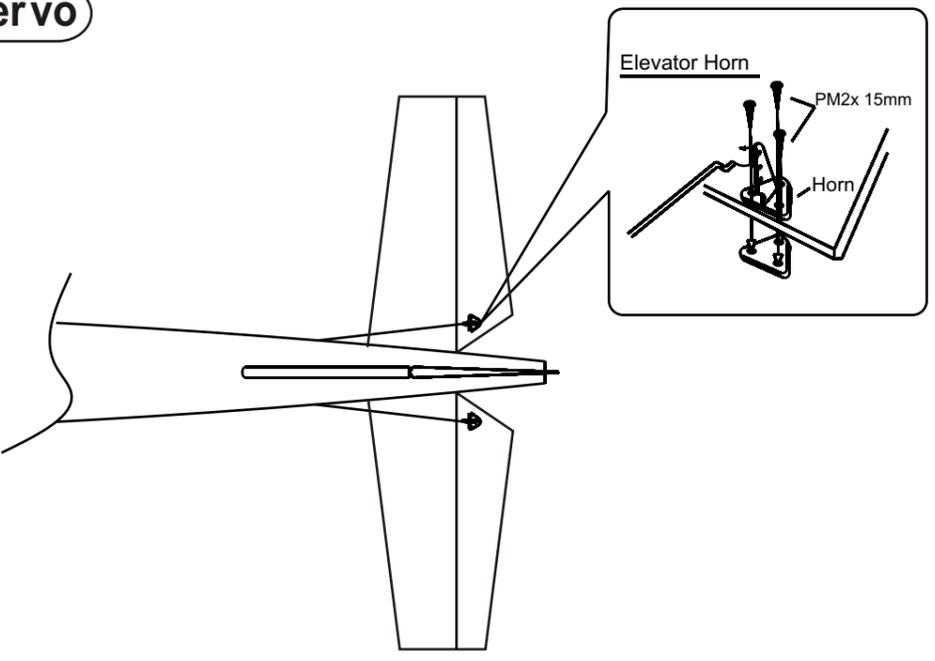
wire pushrod $\phi 1.8 \times 110$ 2PCS



L/R

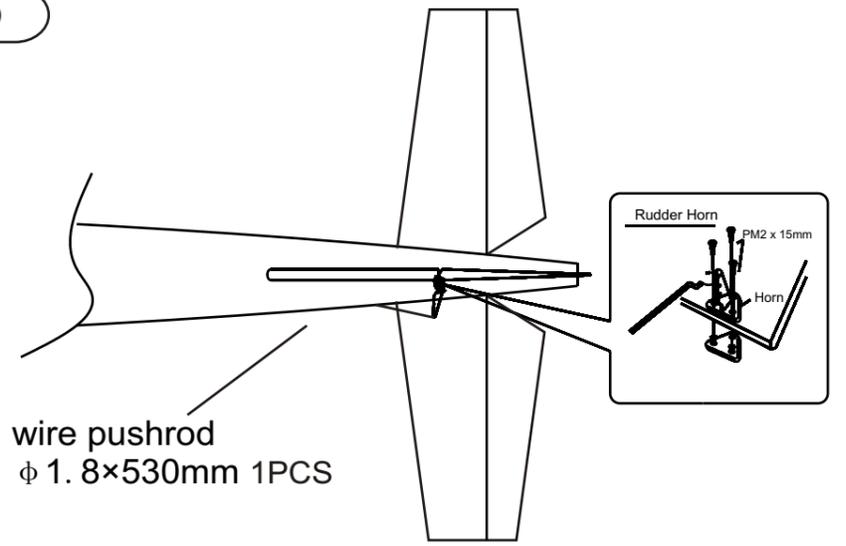
5 Elevator/Servo

- PM2X15 Screw — 6
- Rod adjuster — 2
- Control horns — 2
- Linkage Stopper — 1
- 2mm Nut — 1
- 3X3mm set screw — 1

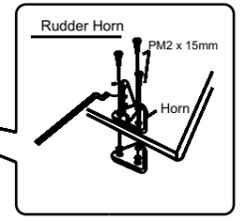


6 rudder/Servo

- PM2X16 Screw — 3
- Rod adjuster — 1
- Control horns — 1
- Linkage Stopper — 1
- 2mm Nut — 1
- 3X3mm set screw — 1

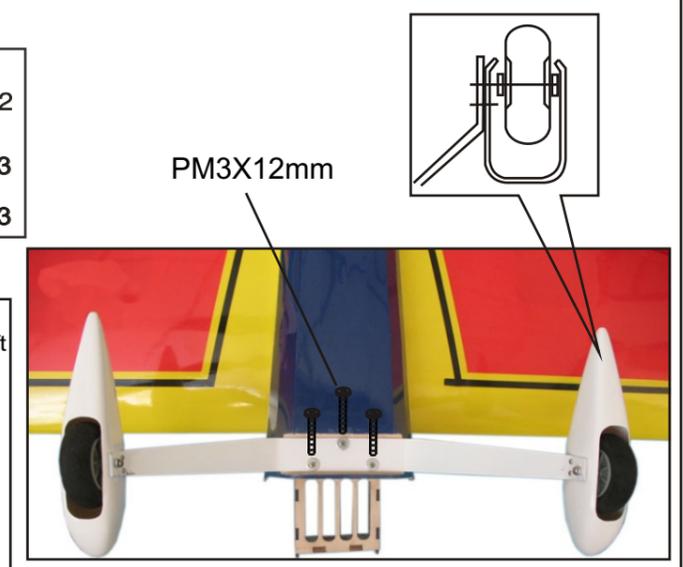
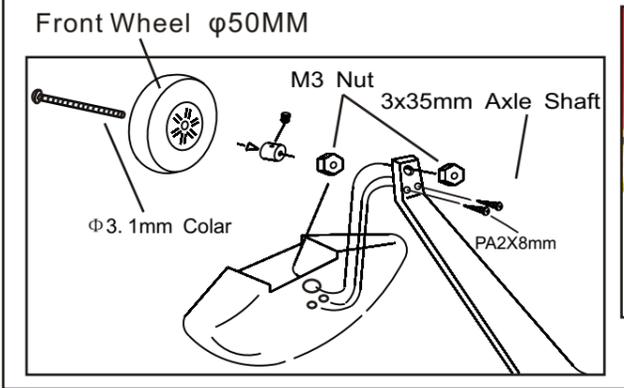


wire pushrod $\phi 1.8 \times 530$ mm 1PCS



7 Landing Gear

- 3x35mm Axle Shaft — 2
- M3 Nut — 4
- 3.1mm Colar — 2
- PA2X8mm — 2
- PM3X12MM Socket — 3
- 3mm Flat washe — 3



8 Tail Landing Gear

- PWA2. 3x12mm Screw — 2
- 2.1mm Wheel Collar — 2
- 3x3mm Set Screw — 2

