

PREDATOR 61



Specifications

Length	31.0 in / 780 mm
Beam	9.0 in / 230 mm
Power	7.2V
Motor Geared	550 motor

* Specifications are subject to change without notice.*

Warning !This model is not a toy.

It is designed for maximum performance. Please seek advice if one is not familiar with this kind of electric 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.



**THE WORLD MODELS
MANUFACTURING CO., LTD.**

FACTORY PRE-FABRICATED
ALMOST-READY-TO-FLY (ARF) SERIES

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PREDATOR 61

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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 all parts. If you find any defective or missing parts contact your local dealer. Please DRY FIT and check for defects for all parts that will require CA or Epoxy for final assembly. Any parts you find to be defective after the gluing process may be difficult to remove for warranty replacement. The manufacturer will replace any defective parts. but will be difficult to extend to the good parts that are good before gluing to defective parts during assembly.
- 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.



Drill holes with the specified
diameter (here: 3mm).



Cut off shaded portion.



Pay close attention here!



Must be purchased separately!



Do not overlook this symbol!

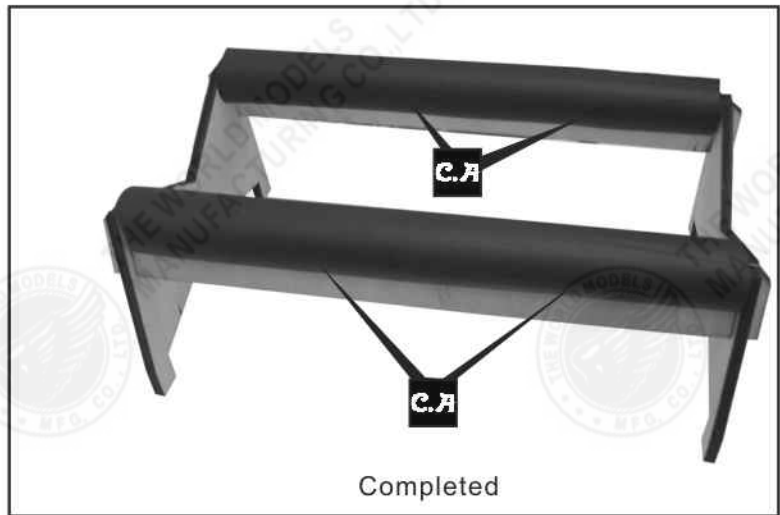
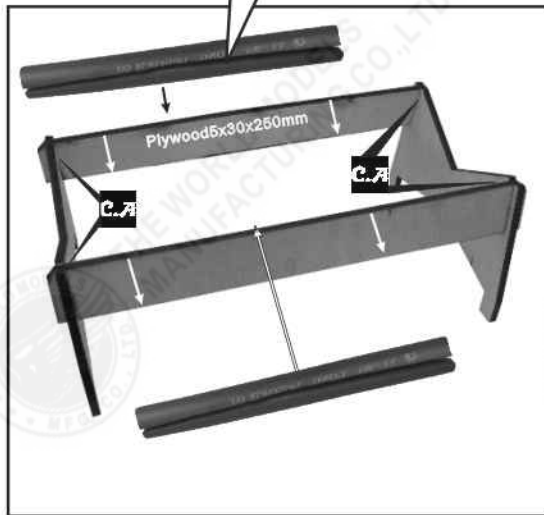
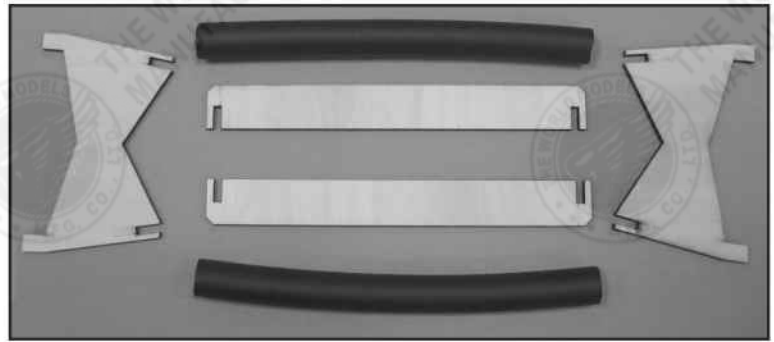
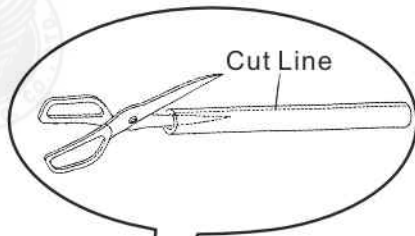


Parts List

1. Boat Stand Assembly
 - Boat Stand A --2 pcs *
 - Boat Stand B --2 pcs *
 - Sponge Tube --2 pcs *
2. Rudder Assembly
 - Rudder bracket --1 pc.
 - Rudder Bracket Plate A --1 pc.
 - Screw PA 3x16mm --2 pcs
 - Washer d3xD7mm --2 pcs
 - Rudder --1 pc. *
 - Rudder Bracket Plate B --1 pc. *
 - Screw PA 3x10mm --2 pcs *
3. Drive Assembly
 - 44T Pinion Gear w/set screw --1 set
 - 56T Spur Gear --1 pc.
4. Cabin Hoeder
 - Cabin Holder Lower --1 pc.
 - Cabin Holder Upper --1 pc.
 - Screw PM 3x8mm --4 pcs
 - 3mm Nut --4 pcs
 - Body Pin --1 pc. *
5. Antenna Assembly
 - 3mm O-Ring --1 pc.
 - Antenna Tube --1 pc. *
 - Antenna Tube Cap --1 pc. *
6. Water Proof Boot --3 pcs.
7. Trim Plate Assembly
 - Trim Plate --2 pcs
 - Adjusting Linkage --2 pcs
 - Screw PM 2x10mm --4 pcs
 - Screw PA 3x10mm --4 pcs
8. Motor Assembly
 - Motor Mount --1 pc.
 - 550 Motor --1 set
 - Screw PA 3x10mm --4 pcs
 - Screw PM 3x8mm --2 pcs
9. Speed Control Switch Assembly
 - A.W.G. 14 Jumper Cables with Plastic Connectors& On-Off Switch --1 set
 - Switch Mount --2 pcs
 - Pushrod Guide --1 pc.
 - Screw PA 3x6mm --3 pcs
 - Screw PA 3x16mm --2 pcs
10. Propeller Shaft Assembly
 - Bushing 4x8F --4 pcs
 - 56T Sqr Gear Coupler w/set screw --1 set
 - Stern Tube --1 pc.
 - Drive Axle 4mm --1 pc.
 - Drive Dog 4mm --1 pc.
 - Propeller Stopper --1 pc. *
 - Propeller --1 pc. *
11. Radio Box
 - Rudder Push Rod --1 pc.
 - Speed Control Pushrod --1 pc.
 - Battery Mount --4 pcs
 - Screw PA 3x10mm --10 pcs
 - Push Rod Connector w/set screw --3 sets *
 - Double Sided Tape 40x35m --2 pcs *
 - Double Sided Tape 45x32mm --1 pc.
 - Double Sided Tape 58x30mm --1 pc.
 - Balsa 8x18x21mm (For Servos) --3 pcs *
 - Clear Tape --1 pc. *
 - Screw PA 3x10mm (For Boat Wing) --2 pcs *
12. Decals :ST200 119--1 set. *
13. Hull --1 set

*** No setting parts**

1 Boat Stand



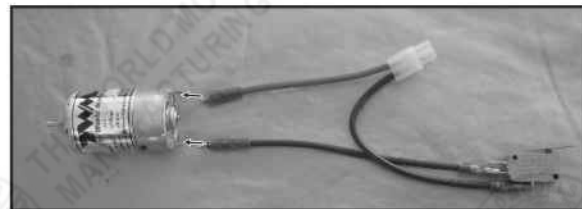
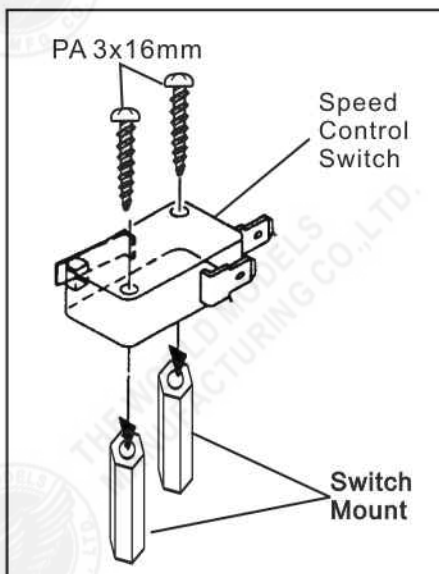
2 SPEED CONTROL SWITCH

PA 3x16mm Screw

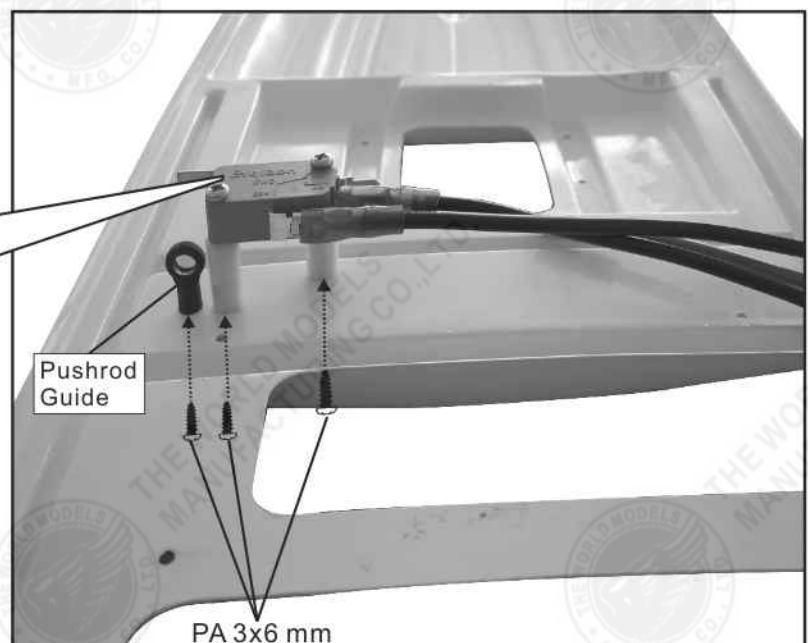
2

PA 3x6 mm Screw

3



● Motor Connection



● Bottom View

Factory Installed

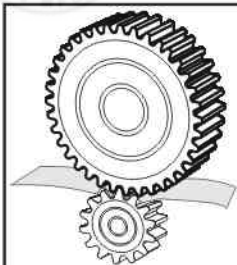
3 Motor Mount

PM 3x8mm Screw

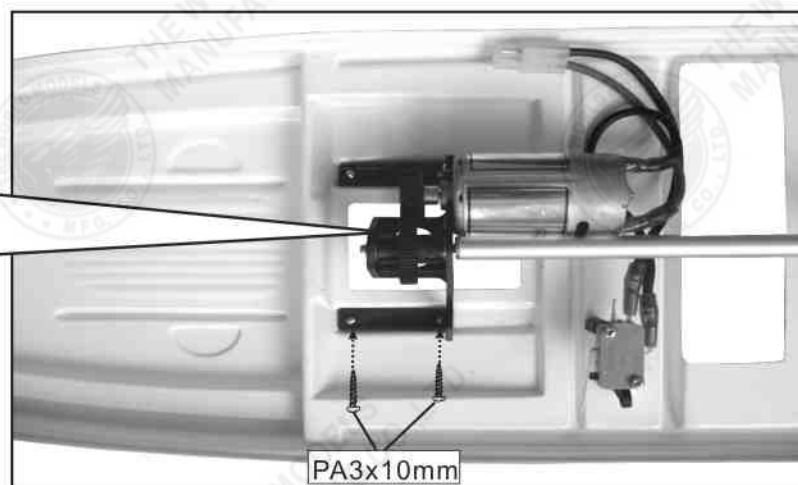
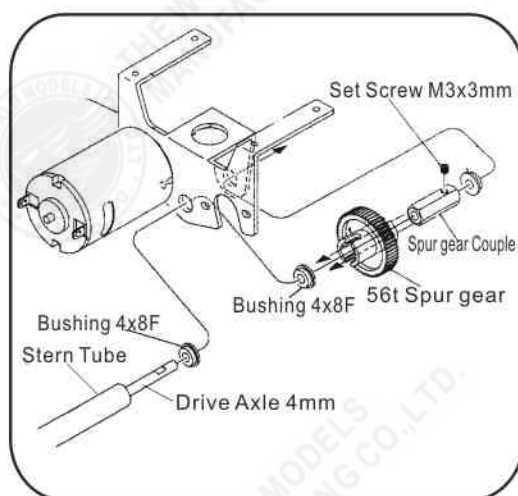
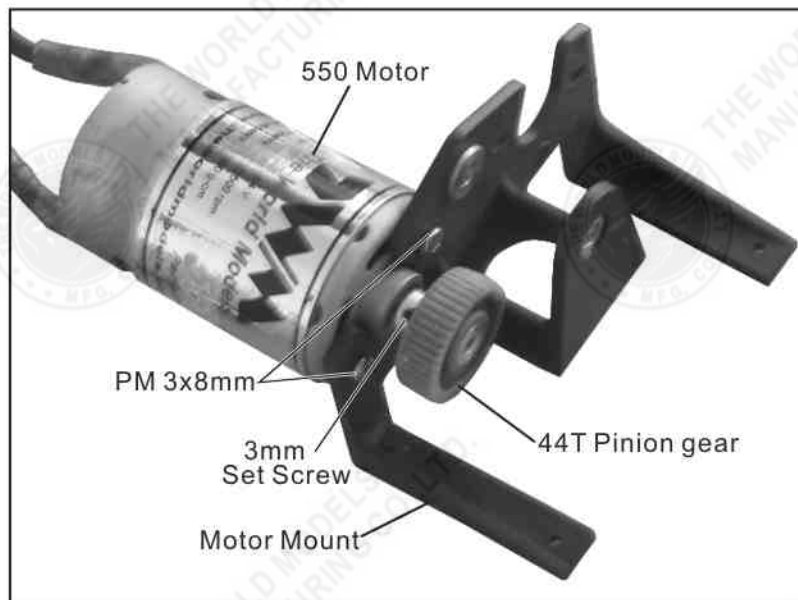
2

PA 3x10mm Screw

4



● TO ALLOW FOR BACKLASH OF MATCHING GEAR, PUT A PIECE OF THIN PAPER BETWEEN THE GEARS.

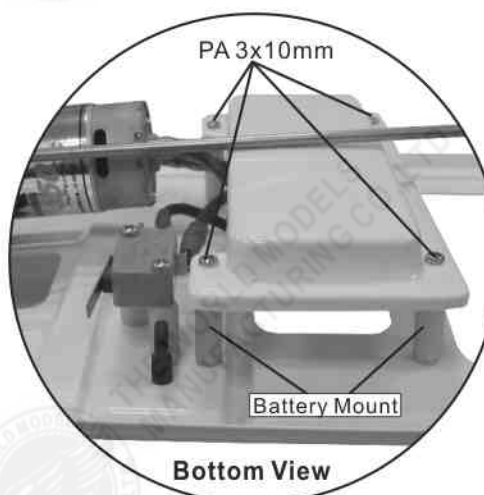


● Bottom View

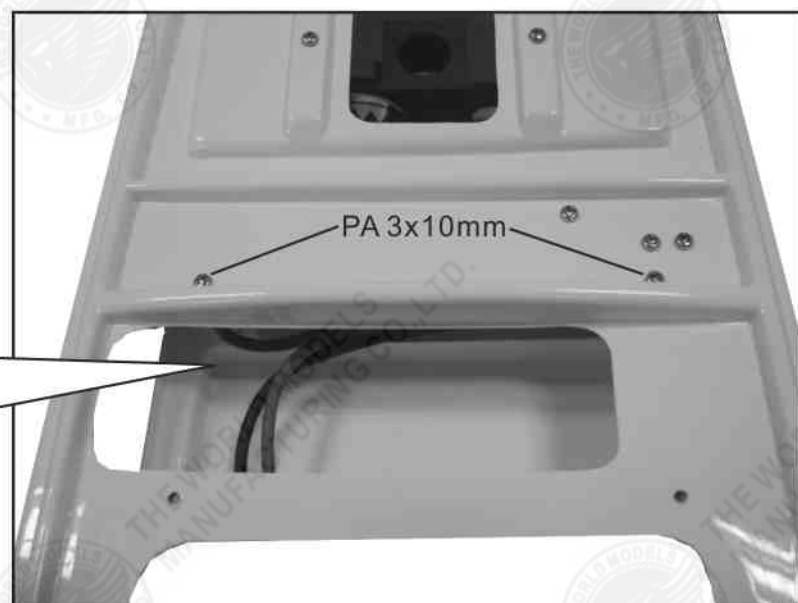
4 Battery Holder

PA 3x10mm Screw

6



Bottom View



5 Cabin Holder

PM 3x8mm Screw

2

3mm Nut

2

PM 3x8mm

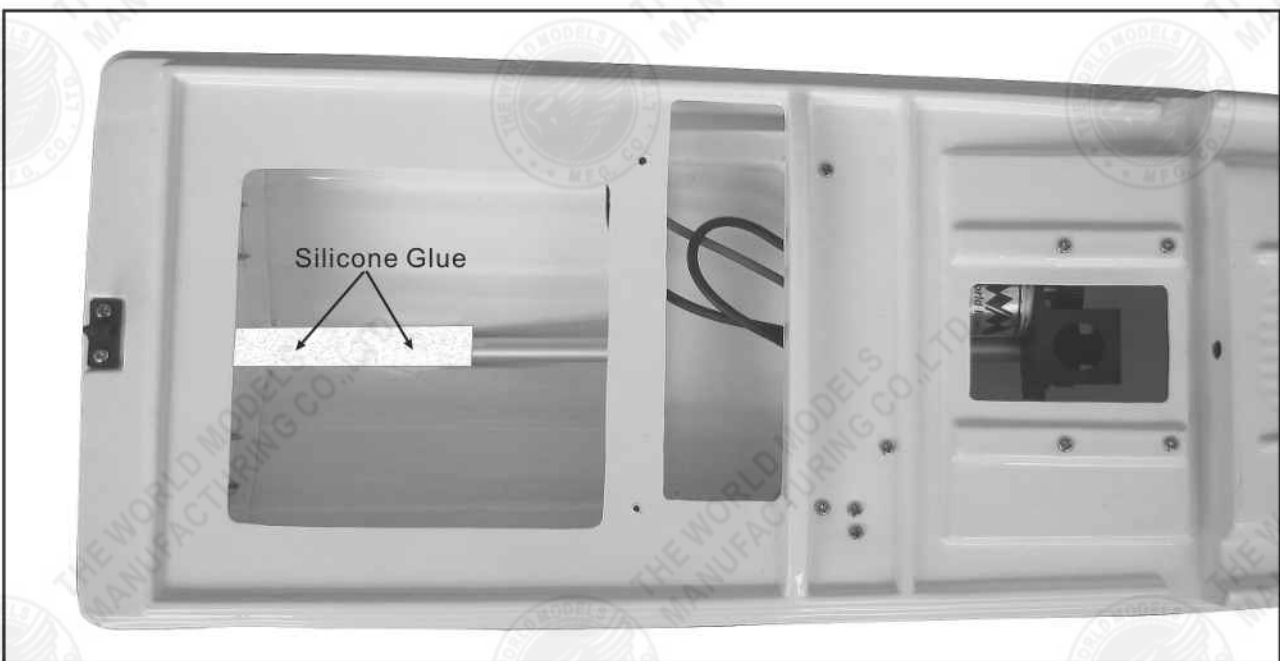
3mm Nut



COMPLETED

6 Hull

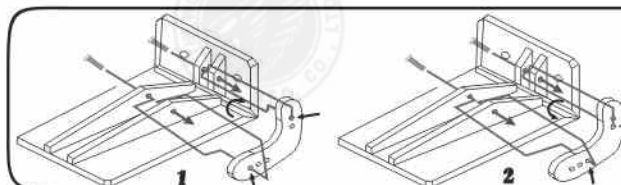
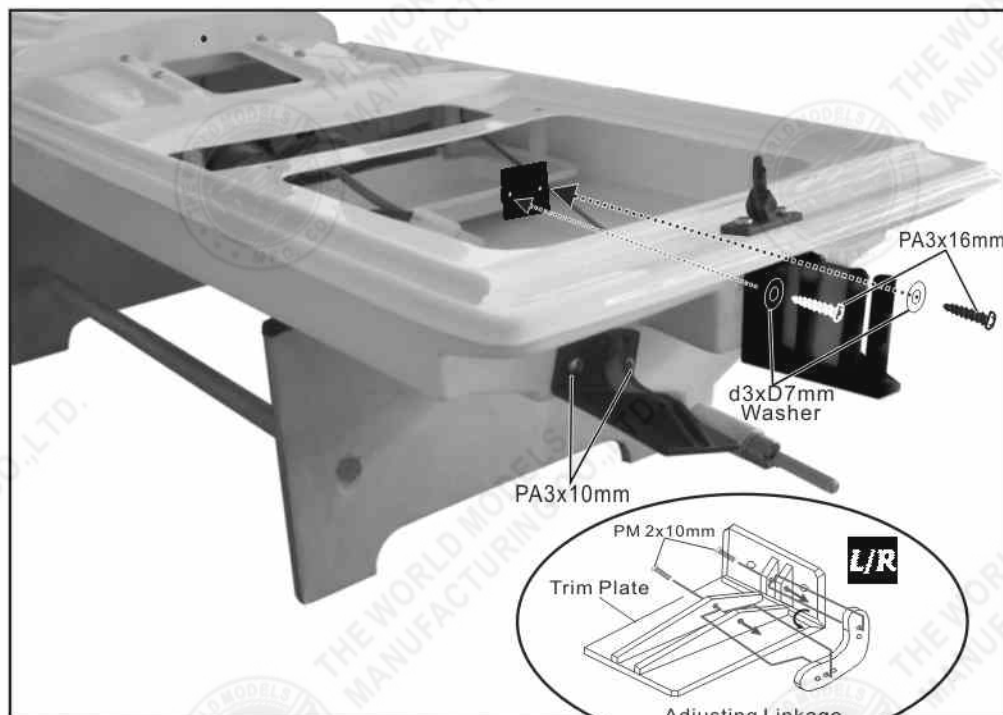
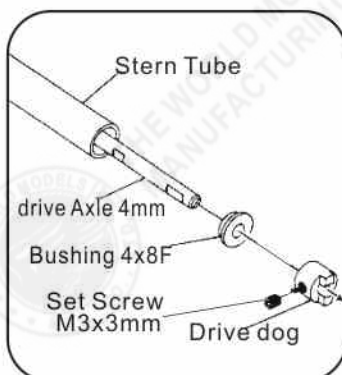
● Make sure the boat deck is water tight.



COMPLETED

7 Trim Plate

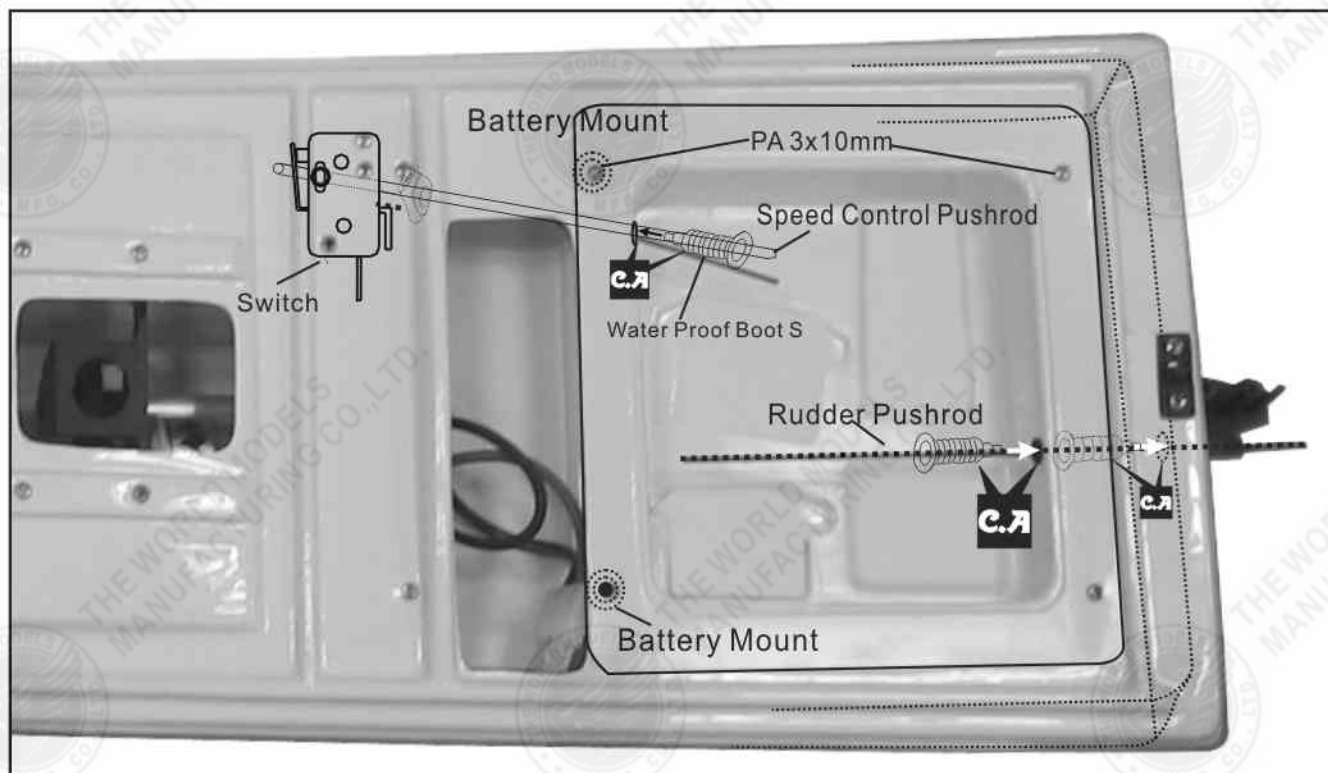
PA3x10mm Screw	4
PA3x16mm Screw	2
d3xD7mm Washer	2
PM2x10mm Screw	2



Use different holes to adjust Trim plate angle for optimum water penetration. Large Trim plate angle will push the bow down.

8 Pushrods

PA 3x10mm Screw	4
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9 Rudder & Drive Propeller Assembly

PA 3x10mm Screw



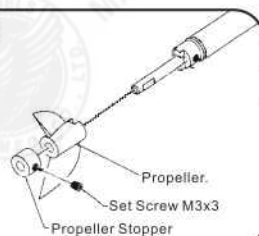
2

2

PA 3x10mm



1



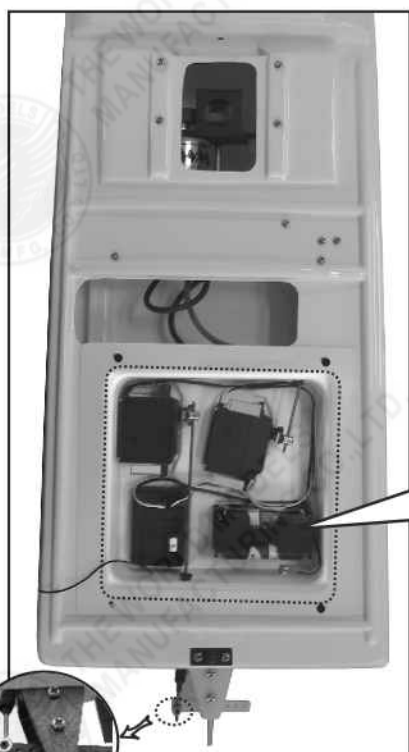
Propeller.

Set Screw M3x3

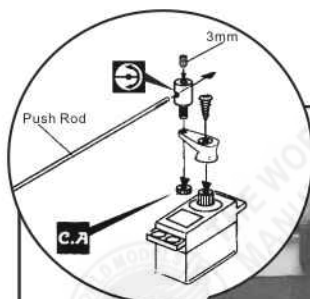
Propeller Stopper



10 Radio Box



Push Rod
Connector



Push Rod

3mm

C.A

C.A

Receiver

Double-sided Tape

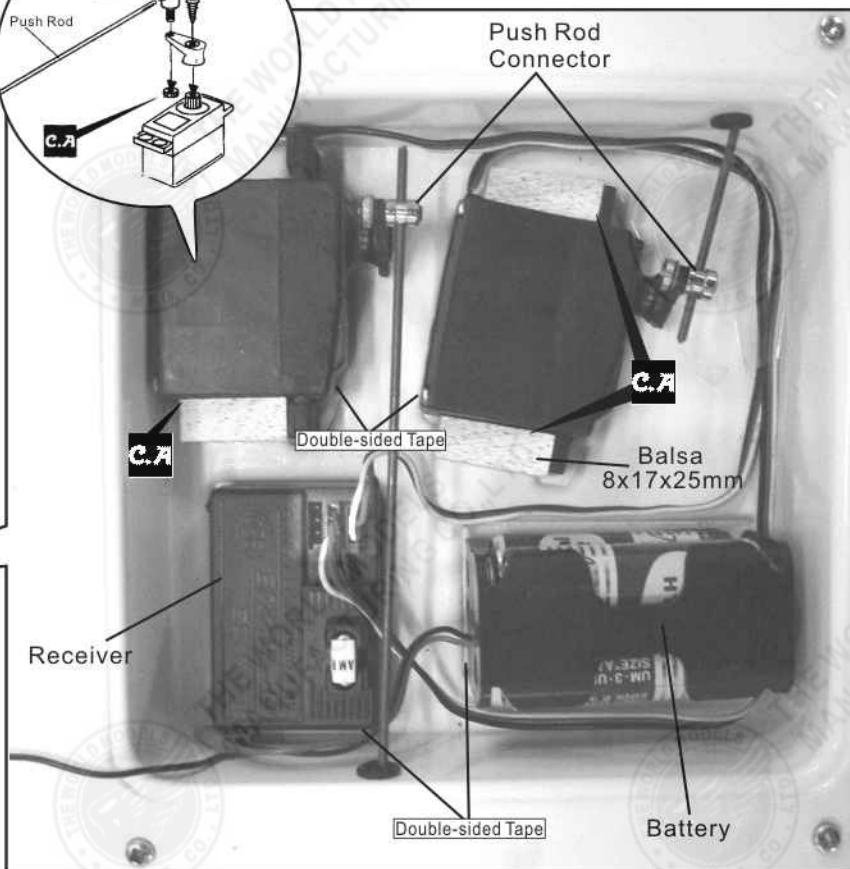
Push Rod
Connector

C.A

Balsa
8x17x25mm

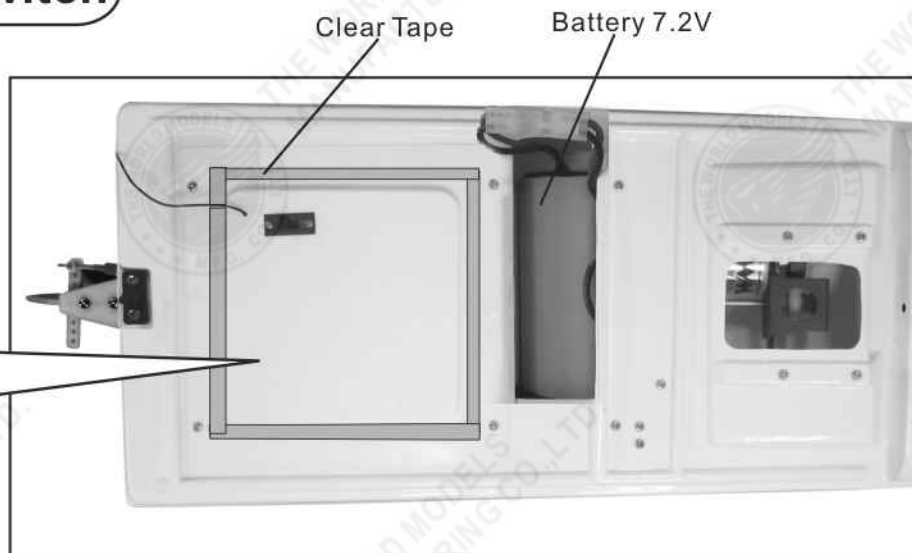
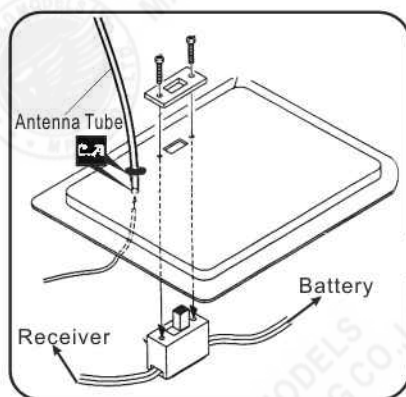
Double-sided Tape

Battery



11 Radio Box & Switch

● Make sure the Radio box is water tight



12 Cabin

PM3x8mm Screw



2

PA3x10mm Screw

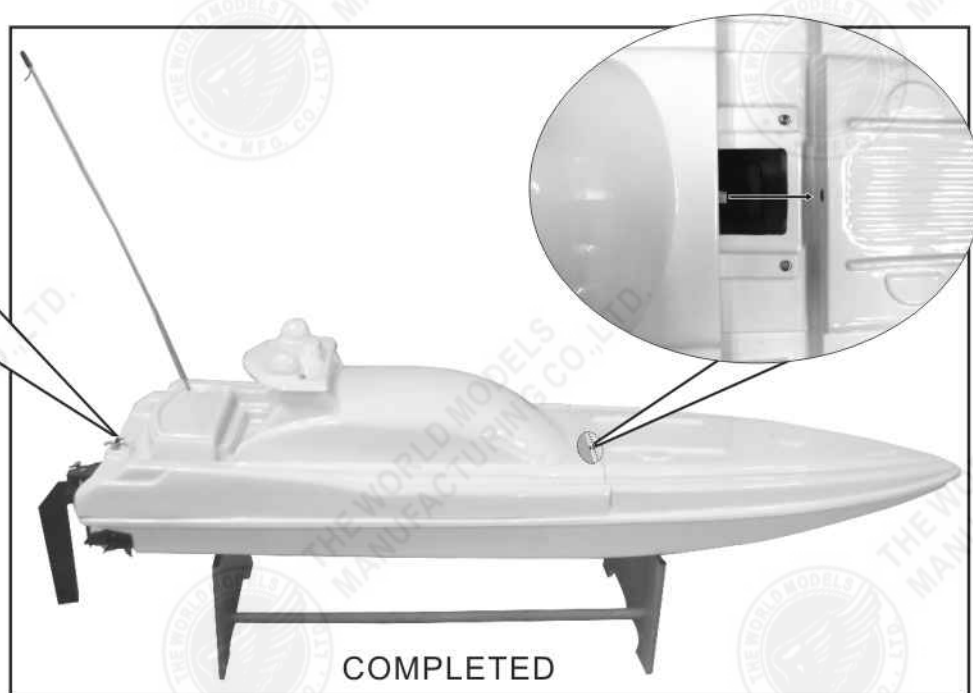
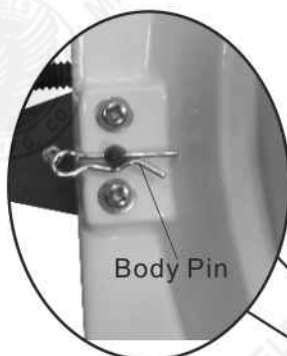
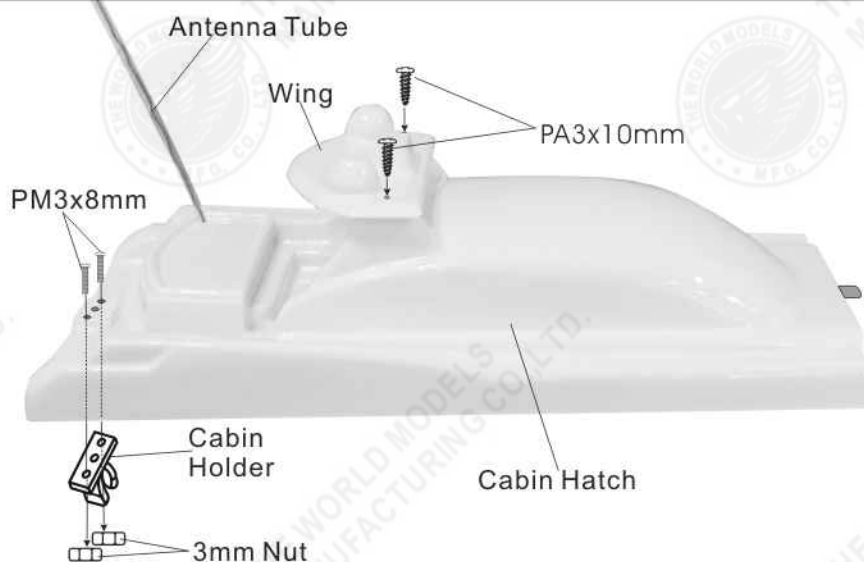


2

3mm Nut



2



13 Decals



Safe Operation of Boat Model

-First time boat modeler should never run the boat by himself/herself. Assistance from experienced hobbyist is absolutely necessary.

Pre-run adjustment must be done before running a boat, it is dangerous to operate a boat not properly adjusted. If the boat model is behaving strangely, stop immediately and find out the reasons. As long as the problem exists, do not operate it.

-Do not run the boat in water where children and people are around.

-Do not run the boat in swollen river, lakes and other places with strong currents.

-Always check the dry batteries in the radio. Weak batteries will lead to weak signal transmission and reception. You may lose control of your boat model and lead to accidents.

-If you find other hobbyist operating a radio control model in your area, check and make sure that you are not using the same frequency. You both will lose control of your model if operating your radio at the same time.

-Do not touch any rotating parts of the boat model. Touching parts rotating at high speed will cause injuries.

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