



Instruction Manual Book

Item code: BH176

EDGE 540 V3

Glow and EP



**ALL BALSA - PLY WOOD CONSTRUCTION.
COVERED WITH ORACOVER.**

95% ALMOST READY TO FLY

SPECIFICATION

- Wingspan: 2,000 mm (78.74in).
- Length: 1,850 mm (72.83in).
- Weight: 5.6 - 5.8kg (12.34lbs).
- Wing area: 75.76 dm².
- Wing loading: 73.91 g/dm².
- Servo mount: 42mm x 21mm.
- Wing type: NacaAirfoil.
- Gear type: Aluminium Hi-grade for main gear and tail gear (included).
- Spinner size: Plastic 85mm.
- Covering type: Genuine oracover®

Parts listing required (not included):

- Radio: 06 channels minimum.
- Servo: 06 servos (HV High torque steel gear servo).
- Engine: 33 - 35 cc gas.
- Motor: Brushless outrunner 2500 - 3200W, 250KV.
- Propeller: Suit with your engine.

Recommended Motor and Battery set up (not included):

- Motor: RIMFIRE.1.60.
- Lipo cell: 12 cells 4,000-5,500mAh.
- Receiver battery: 6-7.4V/ 2200-3000mAh.
- ESC: 80 - 100A.

Made in Vietnam.

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INTRODUCTION

Thank you for purchasing Black Horse Model products. With over 18 years experience in production and fly testing, Black Horse Model is committed to bring the best quality products and good service to customers. Along with a team of creative engineers and skilled workers, we will always accompany with customers by our great experiences, fully enthusiasm... which will burn our passion!! Joining with us to explore and conquer challenges in the sky ...

Your satisfaction is our success. Please read through this manual before starting construction.

Academy of Model Aeronautics: If you are not already a member of the AMA, please join! The AMA is the governing body of model aviation and membership provides liability insurance coverage, protects modelers' rights and interests and is required to fly at most R/C sites.

Academy of ModelAeronautics
5151 East Memorial Drive Muncie IN 47302-9252

Tele. (800) 435-9262
Fax. (765) 741-0057

Or via the Internet at: <http://www.modelaircraft.org>



WARRANTY

Black Horse Model guarantees the component parts in this kit to be free from defects in both material and workmanship at the date of purchase by the purchaser.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the Product.

This warranty does not cover damage due to improper installation, operation, maintenance, or attempted repair by anyone other than Black Horse Model.

Further, Black Horse Model reserves the right to change or modify this warranty without notice.

DISCLAIMER

Read this disclaimer carefully before using this product. Please strictly follow the instruction manual to assemble and use this.

In that Black Horse Model has no control over the final assembly or material used for final assembly, Black Horse Model is not responsible for loss of use, or other incidental or consequential damages.

Furthermore, Black Horse Model cannot be held liable for personal injury or property damage caused by the use or misuse of Black Horse Model products. By the act of using the user-assembled products, the user accepts all resulting liability.

SAFETY PRECAUTION

- This is not a toy and pilots must be over the age of 14
- Be sure that no other flyers are using your radio frequency.
- Do not smoke near fuel
- Store fuel in a cool, dry place, away from children and pets.
- Wear safety glasses.
- The glow plug clip must be securely attached to the glow plug.
- Do not flip the propeller with your fingers.
- Keep loose clothing and wires away from the propeller.
- Do not start the engine if people are near. Do not stand in line with the side of the propeller.
- Make engine adjustments from behind the propeller only. Do not reach around the spinning propeller.
- Moisture causes damage to electronics. Avoid water exposure to all equipment not specifically designed and protected for this purpose.

IMPORTANT BUILDING NOTES

- Please trial fit all the parts. Make sure you have the correct parts and that they fit and are aligned properly before gluing! This will assure proper assembly. This kit is hand made from natural materials, every plane is unique and minor adjustments may have to be made. However, you should find the fit superior and assembly simple.
- The painted and plastic parts used in this kit are fuel proof. However, they are not tolerant of many harsh chemicals including the following: paint thinner, C/A glue accelerator, C/A glue debonder and acetone. Do not let these chemicals come in contact with the colors on the covering and the plastic parts.
- Some parts included in this kit such as the cowl or wheel pants are made of fiberglass, the fibers of which may cause eye, skin and respiratory tract irritation. Never blow into a part to remove fiberglass dust, as the dust will blow back into your eyes. Always wear safety goggles, a particle mask and rubber gloves when grinding, drilling and sanding fiberglass parts. Vacuum the parts and the work area thoroughly after working with fiberglass parts.

SUGGESTION

To avoid scratching your new airplane, do not unwrap the pieces until they are needed for assembly. Cover your workbench with an old towel or brown paper, both to protect the aircraft and to protect the table. Keep a couple of jars or bowls handy to hold the small parts after you open the bag.

FLIGHT WARNINGS

- Always operate in open areas, away from factories, hospitals, schools, buildings and houses etc.
- NEVER fly your aircraft close to people or built up areas.
- NEVER fly near power lines, aerials or other dangerous areas including airports, motorways etc.
- NEVER fly in wet conditions or on windy or stormy days.
- ALWAYS adjust the engine from behind the propeller, and do not allow any part of your body to be in line with the propeller.
- THE PROPELLER IS DANGEROUS Keep fingers, clothing (ties, shirt sleeves, scarves) or any other loose objects that could be caught or drawn in, away from the propeller. Take care at ALL times.
- NEVER use damaged or deformed propellers or spinners.
- Keep all onlookers (especially small children and animals) well back from the area of operation. This is a flying aircraft, which will cause serious injury in case of impact with a person or animal.
- DO NOT dispose of empty fuel containers on a fire, this can lead to an explosion.

FLIGHT WARNINGS

- When ready to fly, first extend the transmitter aerial.
- Switch on the transmitter.
- Switch on the receiver.
- Check that the wings are correctly fitted to the fuselage.
- Operate the control sticks on the transmitter and check that the control surfaces move freely and in the CORRECT directions.
- Check that the transmitter batteries have adequate power.
- ALWAYS take off into the wind.
- If the model does not respond correctly to the controls, land it as soon as possible and correct the fault.
- ALWAYS land the model INTO the wind, this ensures that the model lands at the slowest possible speed.
- Switch off the receiver.
- Switch off the transmitter.
- Empty the fuel tank after flying, fuel left in the tank can cause corrosion and lead to engine problems.

COVERING TOOLS

- Top Flite® MonoKote® Sealing Iron
- Top Flite Hot Sock Iron Cover
- Top Flite MonoKote Trim Seal Iron
- Top Flite MonoKote Heat Gun

ADHESIVES AND REQUIRED TOOLS

- Thin CA
- 30-minute epoxy
- 6-minute epoxy
- Threadlocker thread locking cement
- Mixing sticks
- Mixing cups (GPMR8056)
- Epoxy brushes
- Denatured alcohol
- Canopy Glue
- Felt-tipped pen or pencil
- Flat screwdriver
- Adjustable wrench
- Drill
- Hobby knife
- Masking tape
- Phillips screwdriver (large)
- Phillips screwdriver (small)
- Ruler
- Sandpaper
- Soldering iron
- Solder
- Hex wrench
- Drill bit: 1/16-inch (1.5mm), 5/64-inch (2mm), 1/8-inch (3,2mm), 3/16-inch (4,8mm), 11/64-inch (4.5mm), 13/64-inch (5,2mm), 1/4-inch (6,4mm)

Academy of Model Aeronautics National Model Aircraft Safety Code

Effective January 1, 2014

A. GENERAL: A model aircraft is a non-human-carrying aircraft capable of sustained flight in the atmosphere. It may not exceed limitations of this code and is intended exclusively for sport, recreation, education and/or competition. All model flights must be conducted in accordance with this safety code and any additional rules specific to the flying site.

1. Model aircraft will not be flown:
 - (a) In a careless or reckless manner.
 - (b) At a location where model aircraft activities are prohibited.
2. Model aircraft pilots will:
 - (a) Yield the right of way to all human-carrying aircraft.
 - (b) See and avoid all aircraft and a spotter must be used when appropriate. (AMA Document #540-D.)
 - (c) Not fly higher than approximately 400 feet above ground level within three (3) miles of an airport without notifying the airport operator.
 - (d) Not interfere with operations and traffic patterns at any airport, heliport or seaplane base except where there is a mixed use agreement.
 - (e) Not exceed a takeoff weight, including fuel, of 55 pounds unless in compliance with the AMA Large Model Airplane program. (AMA Document 520-A.)
 - (f) Ensure the aircraft is identified with the name and address or AMA number of the owner on the inside or affixed to the outside of the model aircraft. (This does not apply to model aircraft flown indoors.)
 - (g) Not operate aircraft with metal-blade propellers or with gaseous boosts except for helicopters operated under the provisions of AMA Document #555.
 - (h) Not operate model aircraft while under the influence of alcohol or while using any drug that could adversely affect the pilot's ability to safely control the model.
 - (i) Not operate model aircraft carrying pyrotechnic devices that explode or burn, or any device which propels a projectile or drops any object that creates a hazard to persons or property.

Exceptions:

- Free Flight fuses or devices that burn producing smoke and are securely attached to the model aircraft during flight.
- Rocket motors (using solid propellant) up to a G-series size may be used provided they remain attached to the model during flight. Model rockets may be flown in accordance with the National Model Rocketry Safety Code but may not be launched from model aircraft.

- Officially designated AMA Air Show Teams (AST) are authorized to use devices and practices as defined within the Team AMA Program Document. (AMA Document #718.)
- (j) Not operate a turbine-powered aircraft, unless in compliance with the AMA turbine regulations. (AMA Document #510-A.)
- 3. Model aircraft will not be flown in AMA sanctioned events, air shows or model demonstrations unless:
 - (a) The aircraft, control system and pilot skills have successfully demonstrated all maneuvers intended or anticipated prior to the specific event.
 - (b) An inexperienced pilot is assisted by an experienced pilot.
- 4. When and where required by rule, helmets must be properly worn and fastened. They must be OSHA, DOT, ANSI, SNELL or NOCSAE approved or comply with comparable standards.
- B. RADIO CONTROL (RC)
 - 1. All pilots shall avoid flying directly over unprotected people, vessels, vehicles or structures and shall avoid endangerment of life and property of others.
 - 2. A successful radio equipment ground-range check in accordance with manufacturer's recommendations will be completed before the first flight of a new or repaired model aircraft.
 - 3. At all flying sites a safety line(s) must be established in front of which all flying takes place. (AMA Document #706.)
 - (a) Only personnel associated with flying the model aircraft are allowed at or in front of the safety line.
 - (b) At air shows or demonstrations, a straight safety line must be established.
 - (c) An area away from the safety line must be maintained for spectators.
 - (d) Intentional flying behind the safety line is prohibited.
 - 4. RC model aircraft must use the radio-control frequencies currently allowed by the Federal Communications Commission (FCC). Only individuals properly licensed by the FCC are authorized to operate equipment on Amateur Band frequencies.
 - 5. RC model aircraft will not knowingly operate within three (3) miles of any pre-existing flying site without a frequency-management agreement. (AMA Documents #922 and #923.)
 - 6. With the exception of events flown under official AMA Competition Regulations, excluding takeoff and landing, no powered model may be flown outdoors closer than 25 feet to any individual, except for the pilot and the pilot's helper(s) located at the flightline.
 - 7. Under no circumstances may a pilot or other person touch an outdoor model aircraft in flight while it is still under power, except to divert it from striking an individual.
 - 8. RC night flying requires a lighting system providing the pilot with a clear view of the model's attitude and orientation at all times. Hand-held illumination systems are inadequate for night flying operations.
 - 9. The pilot of an RC model aircraft shall:
 - (a) Maintain control during the entire flight, maintaining visual contact without enhancement other than by corrective lenses prescribed for the pilot.
 - (b) Fly using the assistance of a camera or First-Person View (FPV) only in accordance with the procedures outlined in AMA Document #550.
 - (c) Fly using the assistance of autopilot or stabilization system only in accordance with the procedures outlined in AMA Document #560.
- C. FREE FLIGHT
 - 1. Must be at least 100 feet downwind of spectators and automobile parking when the model aircraft is launched.
 - 2. Launch area must be clear of all individuals except mechanics, officials, and other fliers.
 - 3. An effective device will be used to extinguish any fuse on the model aircraft after the fuse has completed its function.
- D. CONTROL LINE
 - 1. The complete control system (including the safety thong where applicable) must have an inspection and pull test prior to flying.
 - 2. The pull test will be in accordance with the current Competition Regulations for the applicable model aircraft category.
 - 3. Model aircraft not fitting a specific category shall use those pull-test requirements as indicated for Control Line Precision Aerobatics.
 - 4. The flying area must be clear of all utility wires or poles and a model aircraft will not be flown closer than 50 feet to any above-ground electric utility lines.
 - 5. The flying area must be clear of all nonessential participants and spectators before the engine is started.

PARTS LISTING (NOT INCLUDED).

Servo extension leads.

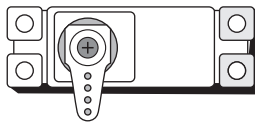
 620mm 2 pcs.

 220mm 4 pcs.

LiPo. 6S - 22.2V- 4000-5000mAh.

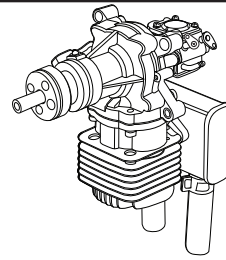


2 Packs



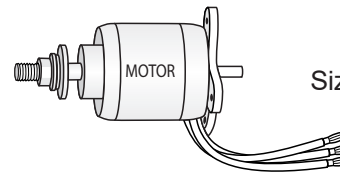
Servos size: (39.9 x 19.8 x 36.8)mm.

Torque servos: 24.0kg/cm - 29.0kg/cm 6 pcs



Engine: 33 - 35 cc gas

Propeller. Suit with your engine.



Size: 1.60 1 pcs.



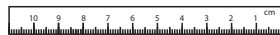
ESC: 100A 1 pcs.

TOOLS & SUPPLIES NEEDED

Medium C/A glue

Threadlocker
(screw cement).

Modeling knife.



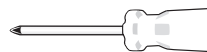
Straight edge ruler.



2 bender plier



Wire cutters.

30 minute epoxy.
5 minute epoxy.

Screw driver



Hex Wrench.

Hand or
electric drill.

Some more tools.

- Assorted drill bits.
- Masking tape.
- Paper towels.
- Rubbing alcohol
- 90° square or builder's triangle.

Symbols used throughout this instruction manual, comprise:

Cut off excess.

Cut off shaded portion
carefully.

Pay close attention here.



Take particular care here.



Warning!

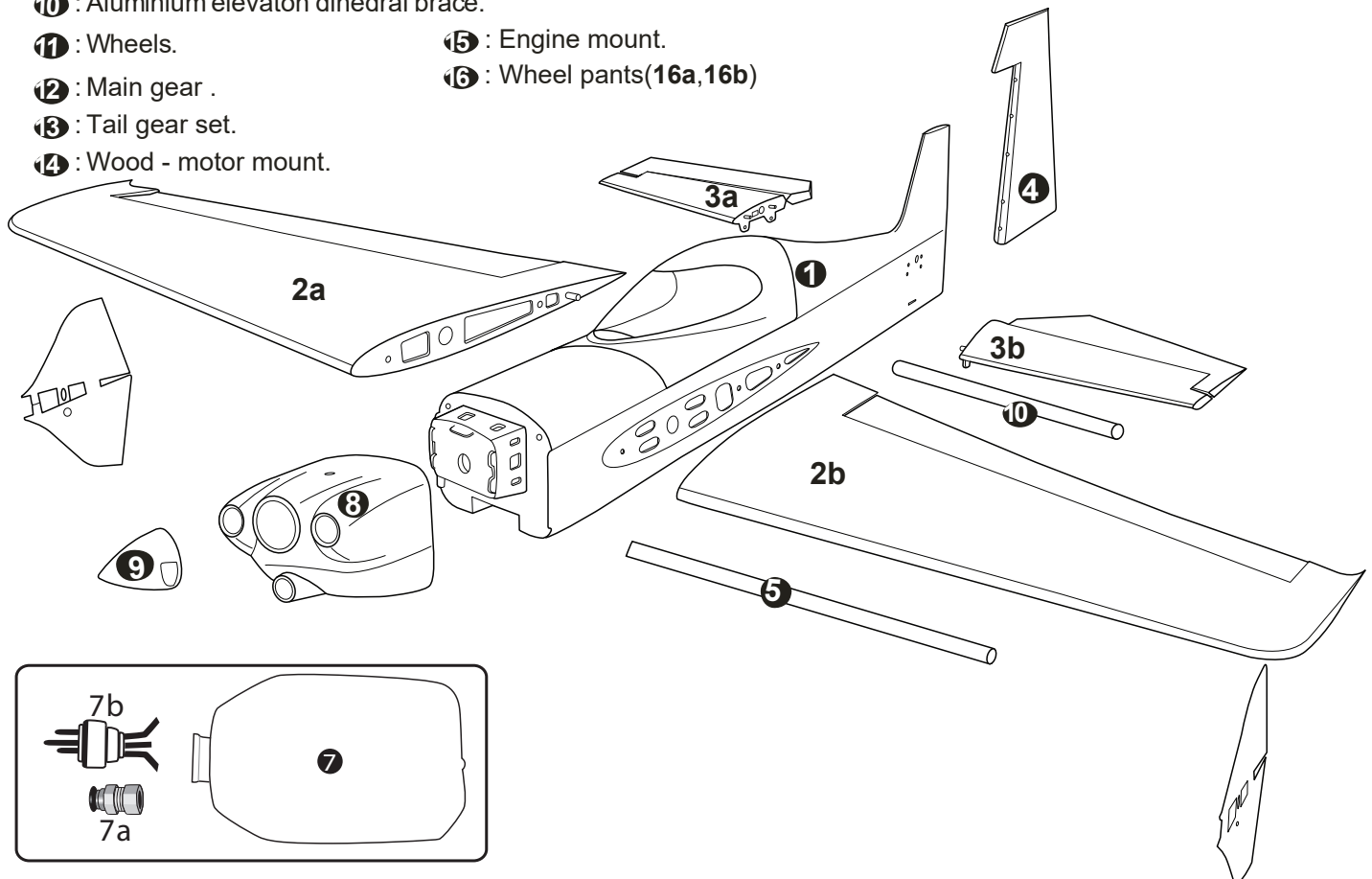
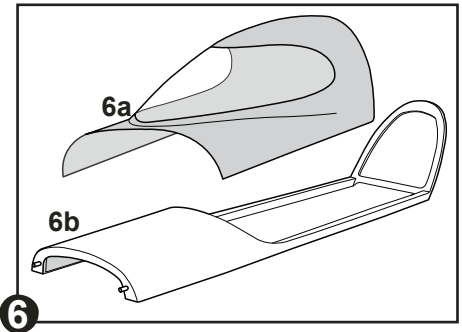
► Set all screws securely. If they come off during flight you will lose control of your aircraft!

Apply threadlocker
(screw cement).Apply instant glue
(C.A glue, super glue).

Apply epoxy glue.

Assemble left and right
sides the same way.Must be purchased
separately!Ensure smooth, non-binding
movement when assembling.Drill holes using the stated.
(in this case 1.5mm Ø).The number of times
the same way Assembly
(in this case twice).

- 1** : Fuselage.
2 : Wing panel (**2a**, **2b**).
3 : Horizontal stabilizer (**3a**, **3b**).
4 : Rudder.
5 : Aluminium wing dihedral brace.
6 : Top hatch fuselage (**6a**: Canopy, **6b**: Wood frame hatch).
7 : Fuel tank (**7a**: Clunk, **7b**: Stopper (three line)).
8 : Cowling.
9 : Spinner (**85mm**).
10 : Aluminium elevaton dihedral brace.
11 : Wheels.
12 : Main gear .
13 : Tail gear set.
14 : Wood - motor mount.
15 : Engine mount.
16 : Wheel pants(**16a**,**16b**)



3 x 65mm Push rod	Ball link	3x35mm Cap Screw
----- 2	----- 12	----- 1
3 x 85mm Push rod	3mm Flat Washer	3x12mm Cap Screw
----- 2	----- 6	----- 12
Horn	3x25mm Cap Screw	Pinned hinge
----- 6	----- 6	----- 25
----- 4		

3x15mm Cap Screw	13
----- 2	
3x15mm Tp Screw	
----- 2	
3mm Spring Washer	
----- 2	

16 x 5mm Rubber Washer	5x90mm Socket Head Cap Screw	12x60mm Aluminium
----- 4	----- 4	----- 4
16 x 5mm Flat Washer	5mm Flat Washer	500mm Pushrod wire
----- 4	----- 4	----- 1
5 mm Spring Washer	M5 Blind Nut	Connector
----- 4	----- 4	----- 1
		3x12mm Tp Screw
		----- 4

4x20mm Cap Screw	----- 4
4mm Flat Washer	----- 4
4mm Spring Washer	----- 4
5x50mm Socket Head Cap Screw	----- 2
5mm Flat Washer	----- 6
5mm Collar	----- 2
5mm Hex Nut	----- 4

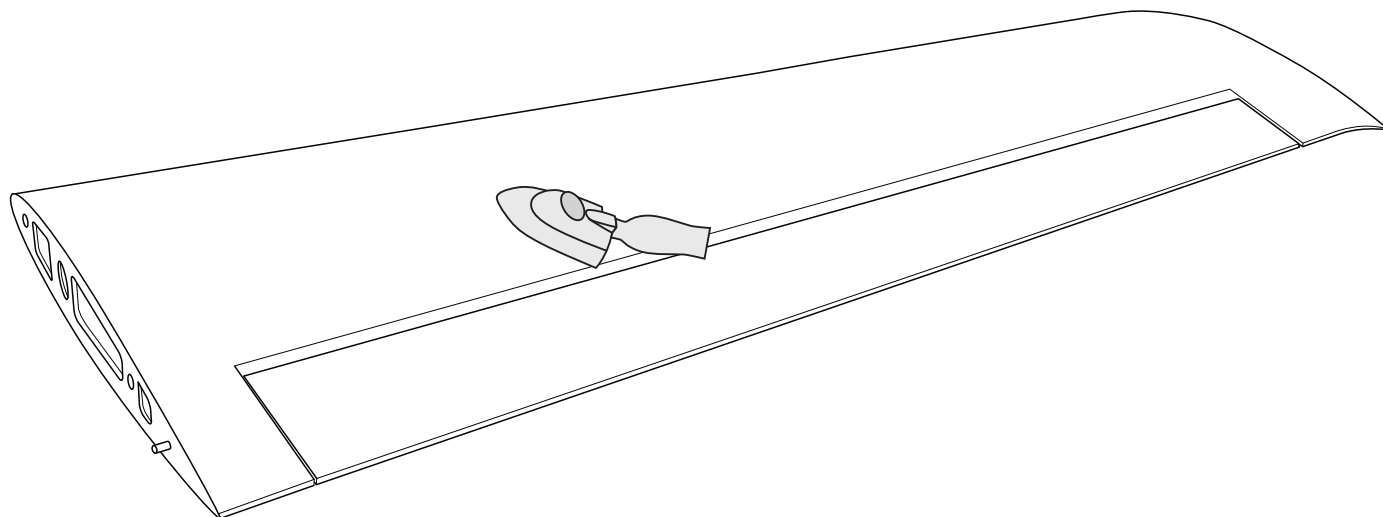
4mm Flat Washer	4x60mm Socket Head Cap Screw
----- 4	----- 4
4 mm Spring Washer	
----- 4	
10x40mm Aluminium	
----- 4	
M4 Blind Nut	
----- 4	

SUGGESTION FOR ENGINE AND SERVO

- **ENGINE: DLE 35 RA; OS 33GT**
- **SERVO: Two Options**
 - Servo Option 1: Sport Performance
Hitec 7985MG Servos may be used for sport flying.
 - ★ 5 - Hitec 7985MG Servos for flight surfaces
 - ★ 1 - Hitec 5625MG Servo for throttle
 - Servo Option 2: Unlimited Performance
Hitec 7954SH Servos are recommended for unlimited flying.
 - ★ 5 - Hitec 7954SH Servos for flight surfaces
 - ★ 1 - Hitec 5625MG Servo for throttle

PREPARATIONS

Use a covering iron with a covering sock on high heat to tighten the covering if necessary. Apply pressure over sheeted areas to thoroughly bond the covering to the wood.

**INSTALLING THE AILERONS**

Pinned hinge



----- 12



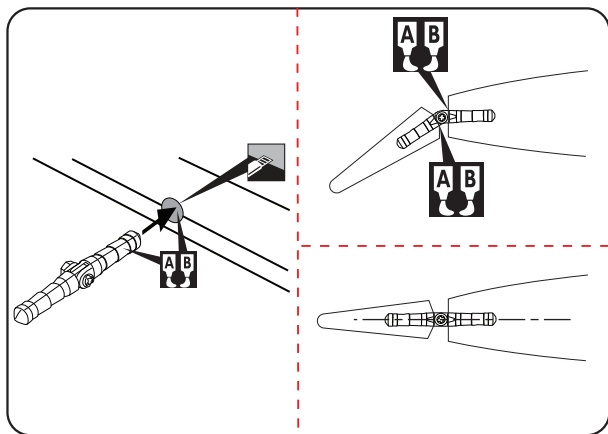
< Bottom view >

Main Wing

Aileron



Assemble left and right sides the same way.

**Warning!**

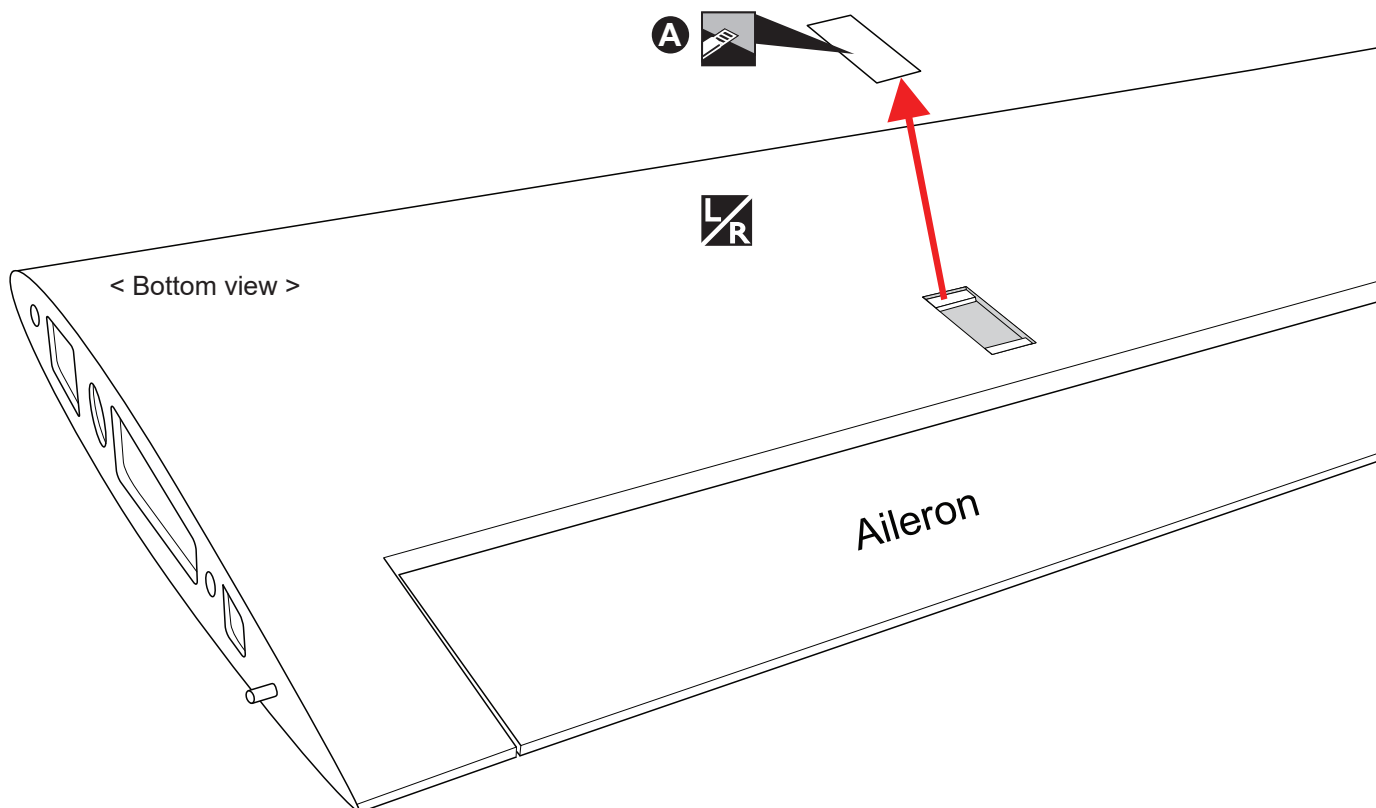
- Make certain the hinges are adequately secured with glue. If they come loose in flight accidents may result.



Apply epoxy glue

INSTALLING THE AILERONS SERVOR

1. Install the rubber grommets and brass eyelets onto the aileron servo.
2. Using a modeling knife, remove the covering from over the servo box.
3. Place the servo into the servo box. Center the servo and drill pilot holes through the block of wood for each of the four mounting screws provided with the servo.
4. Using the thread as a guide and using masking tape, tape the servo lead to the end of the thread: carefully pull the thread out. When you have pulled the servo lead out, remove the masking tape and the servo lead from the thread.
5. Repeat step # 2 - # 5 to install the second aileron servo in the opposite wing half.



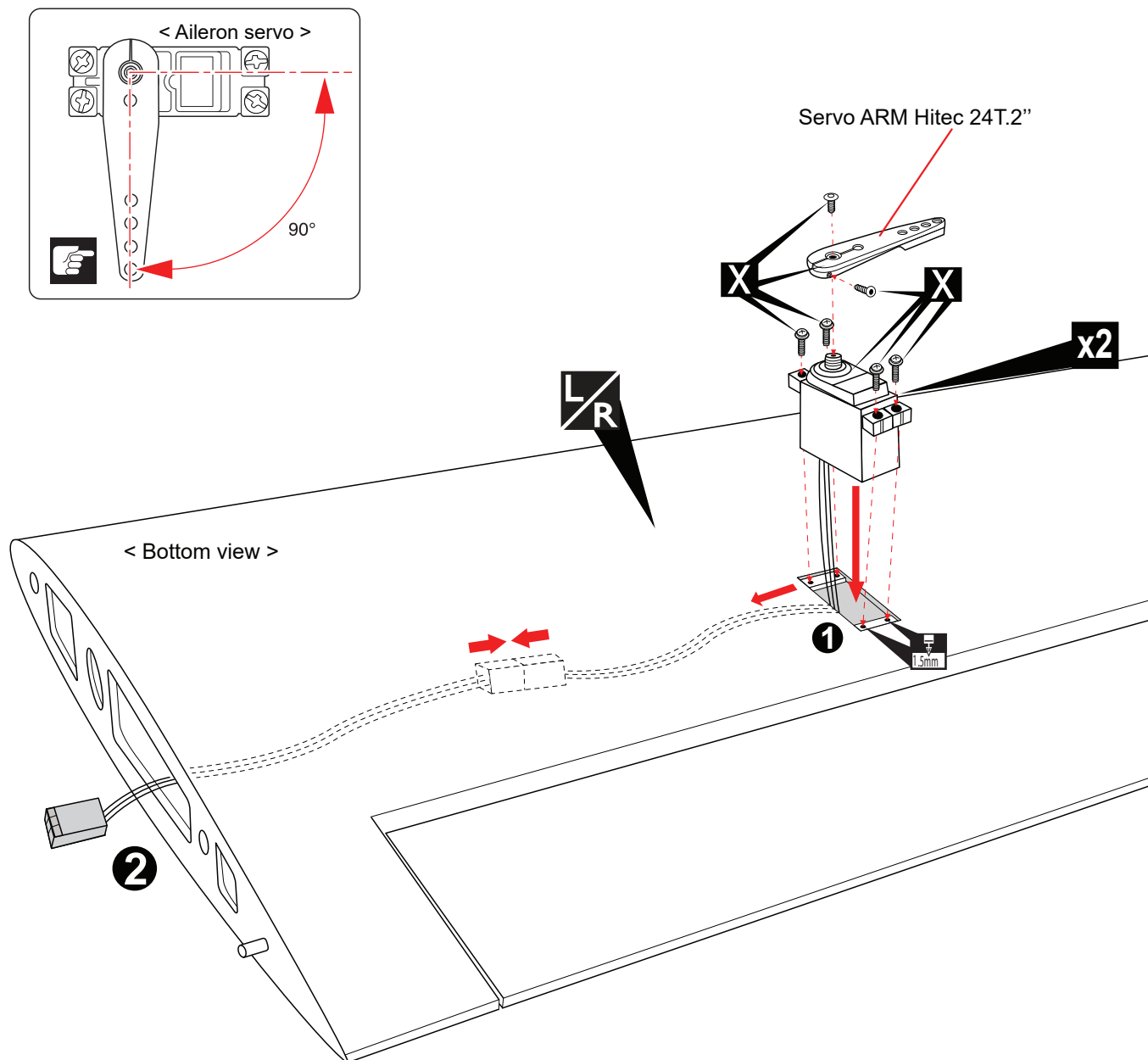
A Cut away film only. here



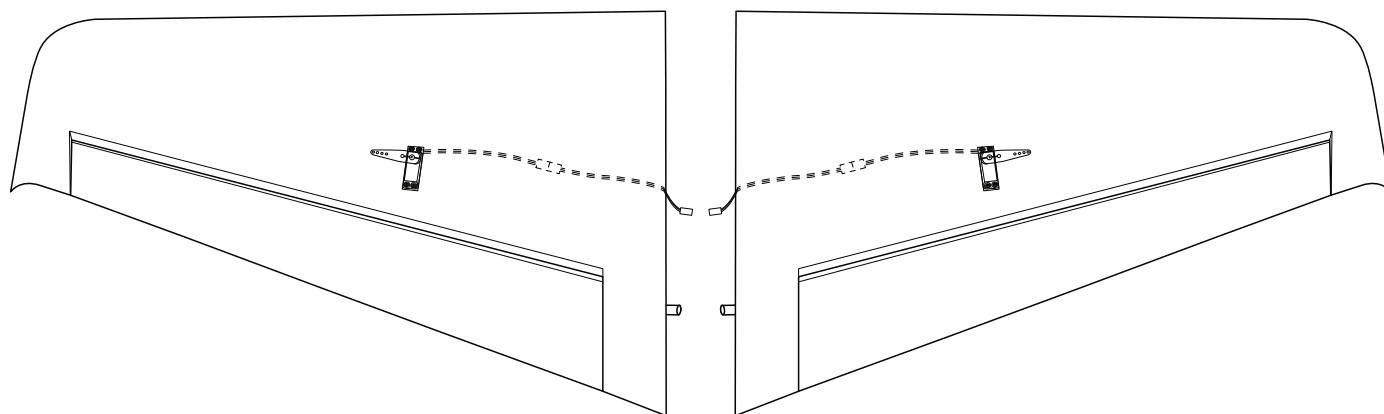
Assemble left and right sides the same way



Cut off shaded portion



- Set all screws securely. If they come off during flight you will lose control of your aircraft!



X Must be purchased separately!

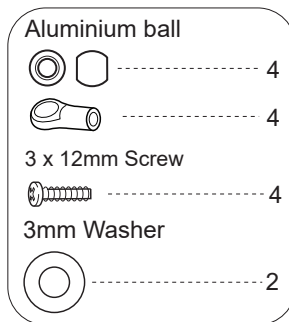
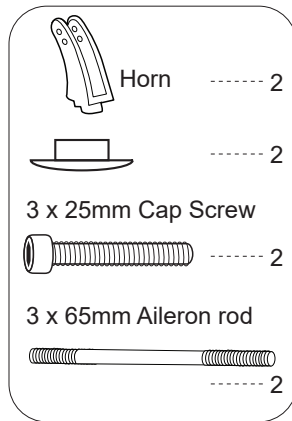
L/R Assemble left and right sides the same way

1 Tie the string.

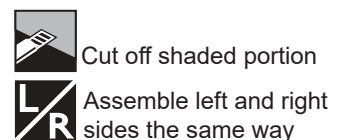
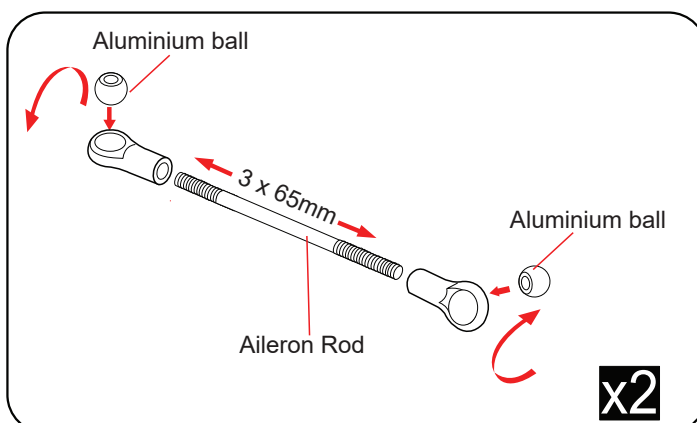
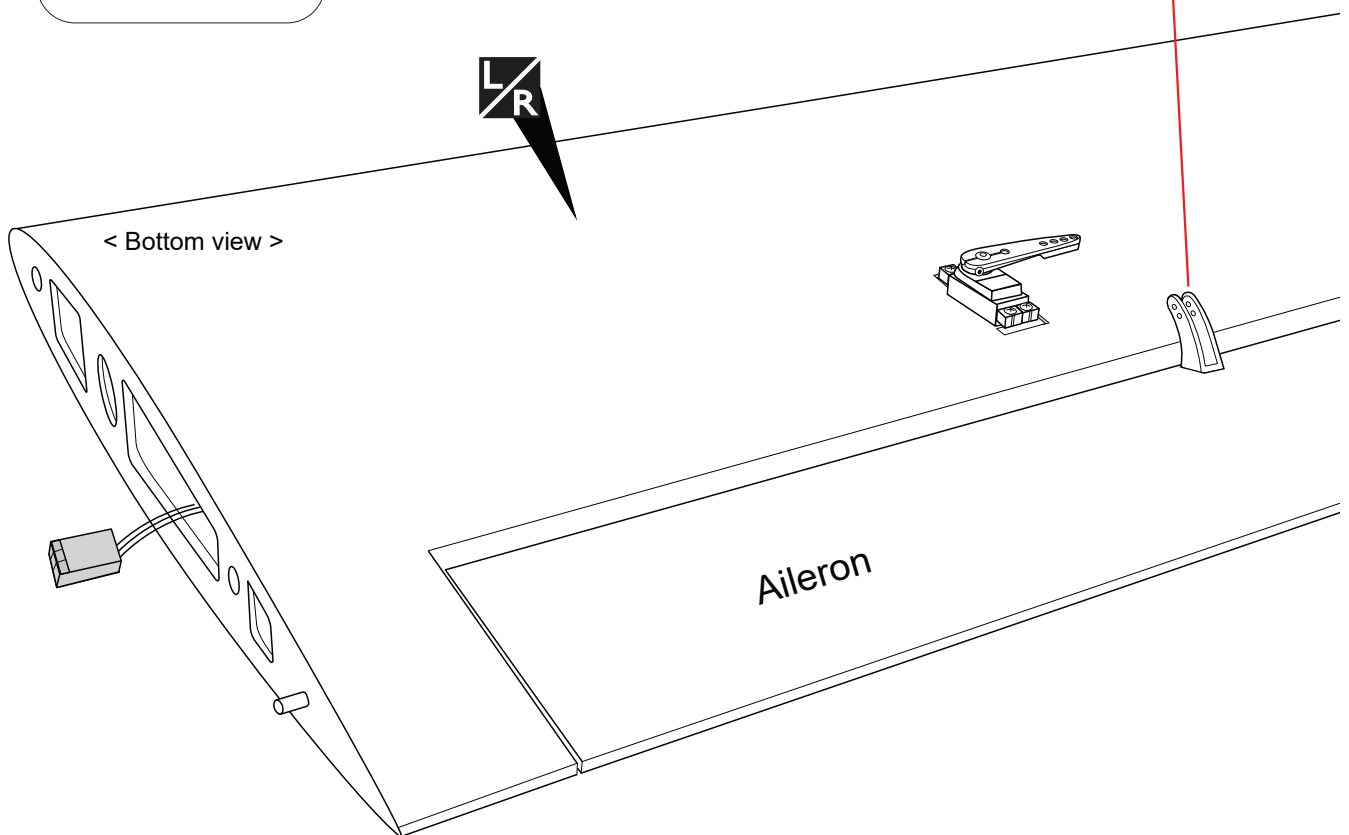
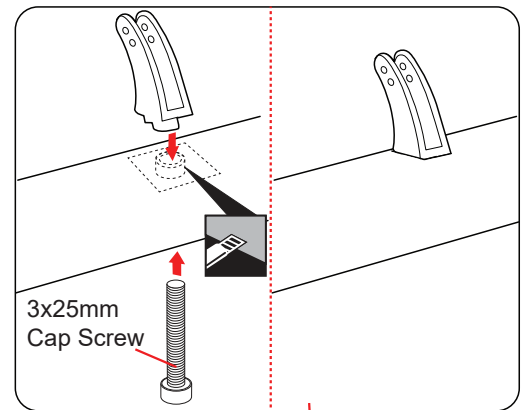
2 Pull out servo cord with string.

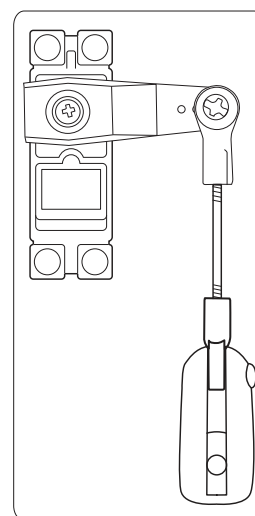
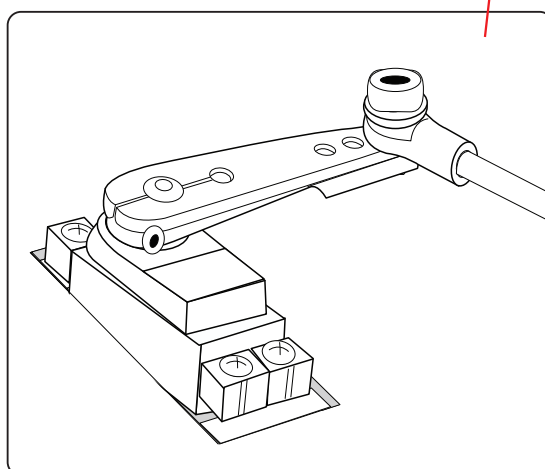
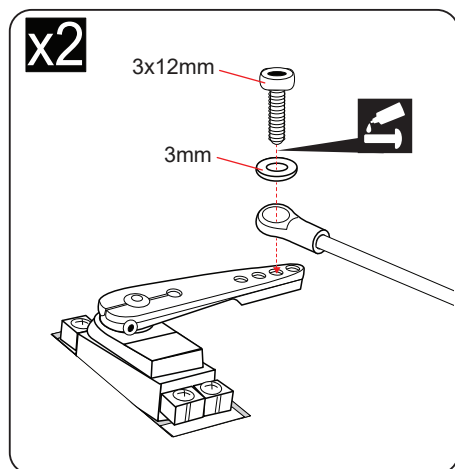
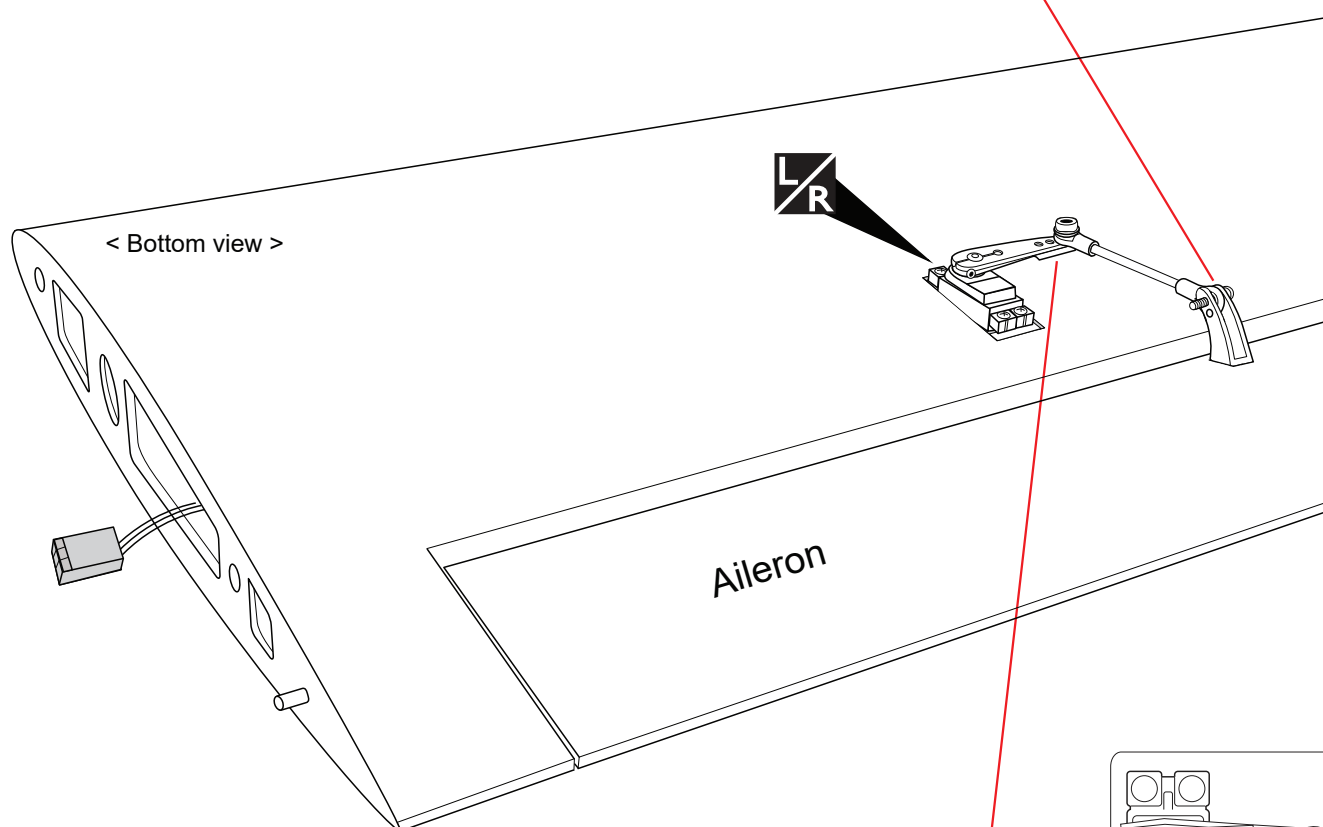
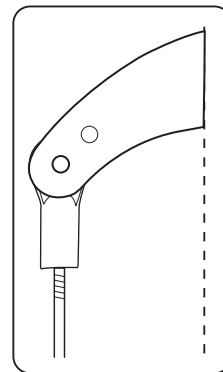
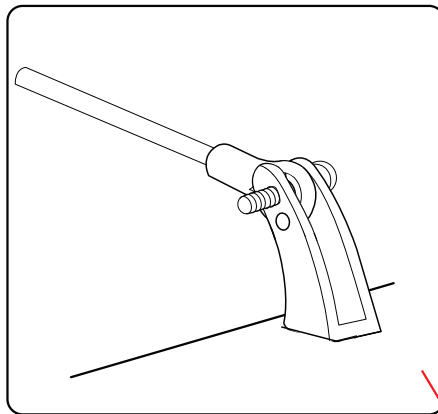
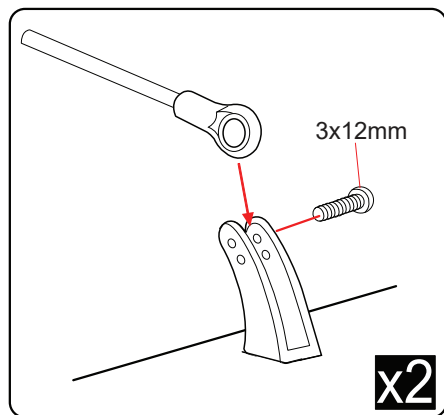
INSTALLING THE AILERON LINKAGES


1. Install the control horn into the aileron.
2. Locate the metal rod wire, screw the plastic link ball onto the threaded end of the wire.
3. Plug the aileron servo into the receiver and center the servo. Install the servo arm onto the servo. The servo arm should be perpendicular to the servo and point toward the middle of the wing.




4. Center the aileron and hold it in place using a couple of pieces of masking tape. Adjust the linkage until the aileron and the servo arm are both centered and then tighten the nut against. Remember use thread locking compound to secure.
5. Repeat step 1 - step 4 for the second aileron linkage.

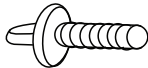


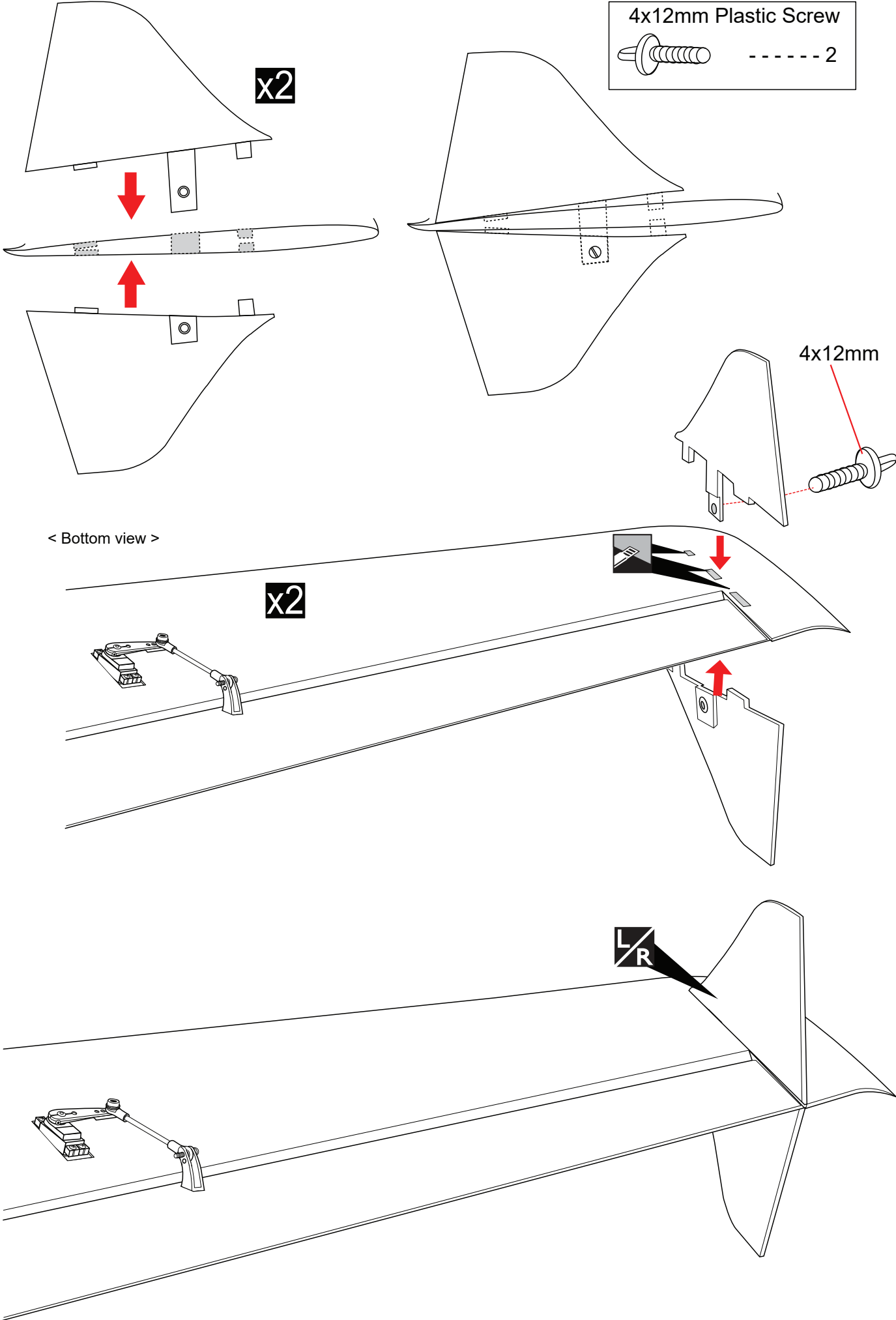


 Assemble left and right sides the same way

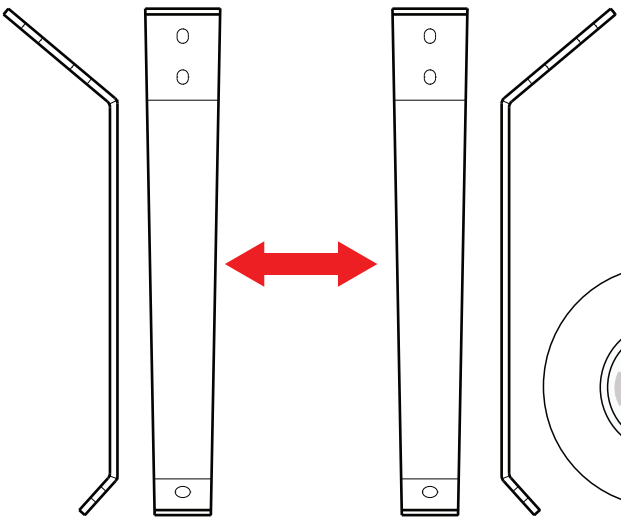
 Apply threadlocker (screw cement).

4x12mm Plastic Screw

 ----- 2



INSTALLING THE MAIN LANDING



< Main Gear (R) >

< Main Gear (L) >

5 x 50mm Socket Head Cap Screw ----- 2

5 mm Hex Nut ----- 4

5mm Collar ----- 2

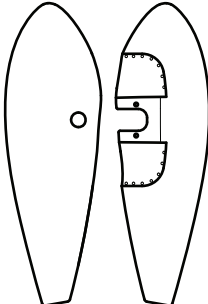
4 x 15mm Cap Screw ----- 4

4mm Flat Washer ----- 4

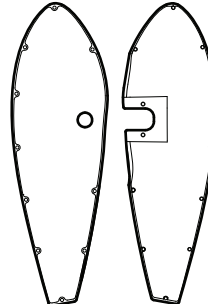
4mm Spring Washer ----- 4

5mm Flat Washer ----- 6

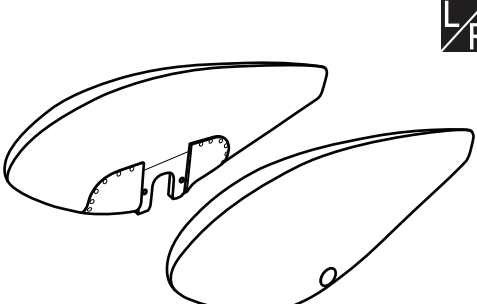
3 x 10mm Button Screw ----- 4



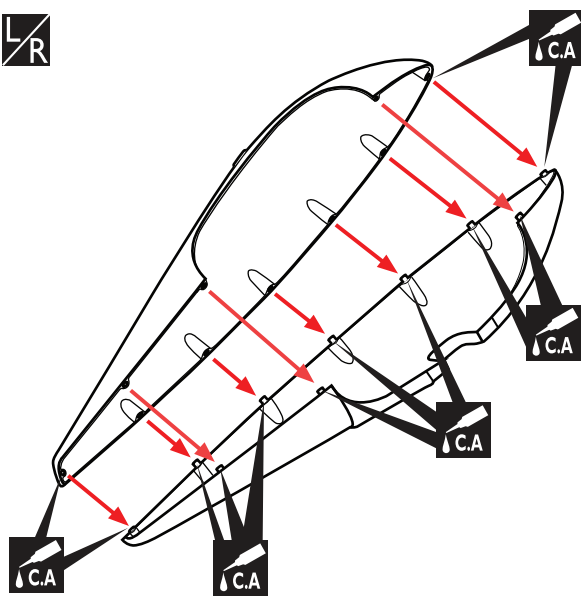
Out view



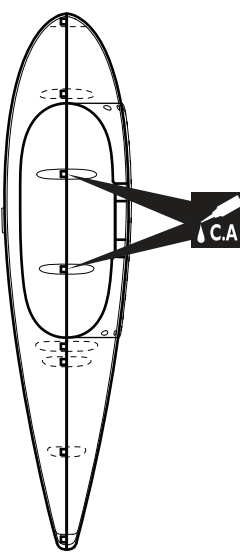
In view



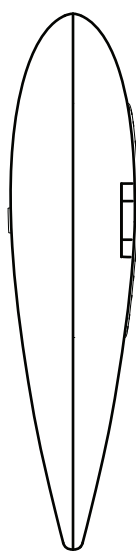
Front view



Perspective view



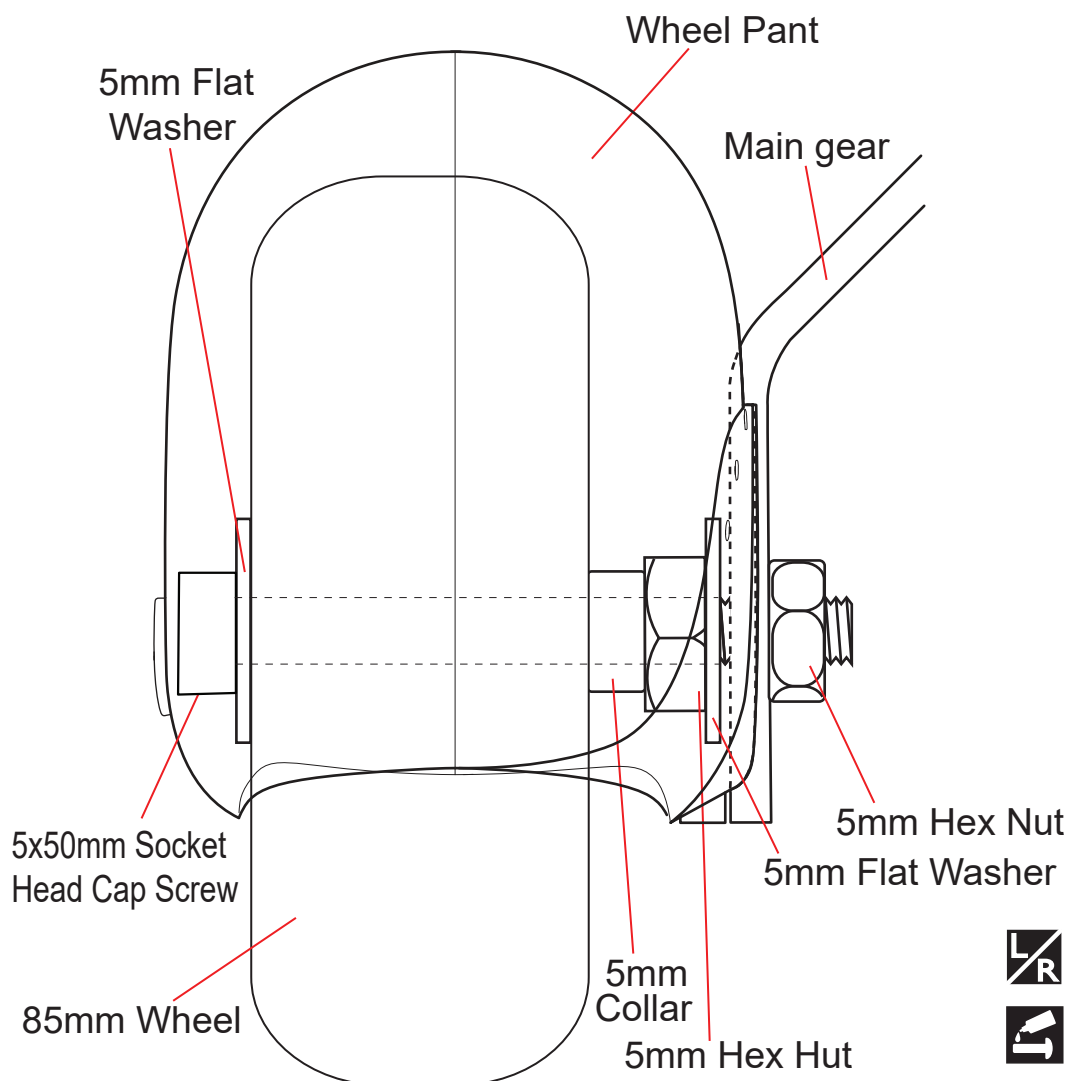
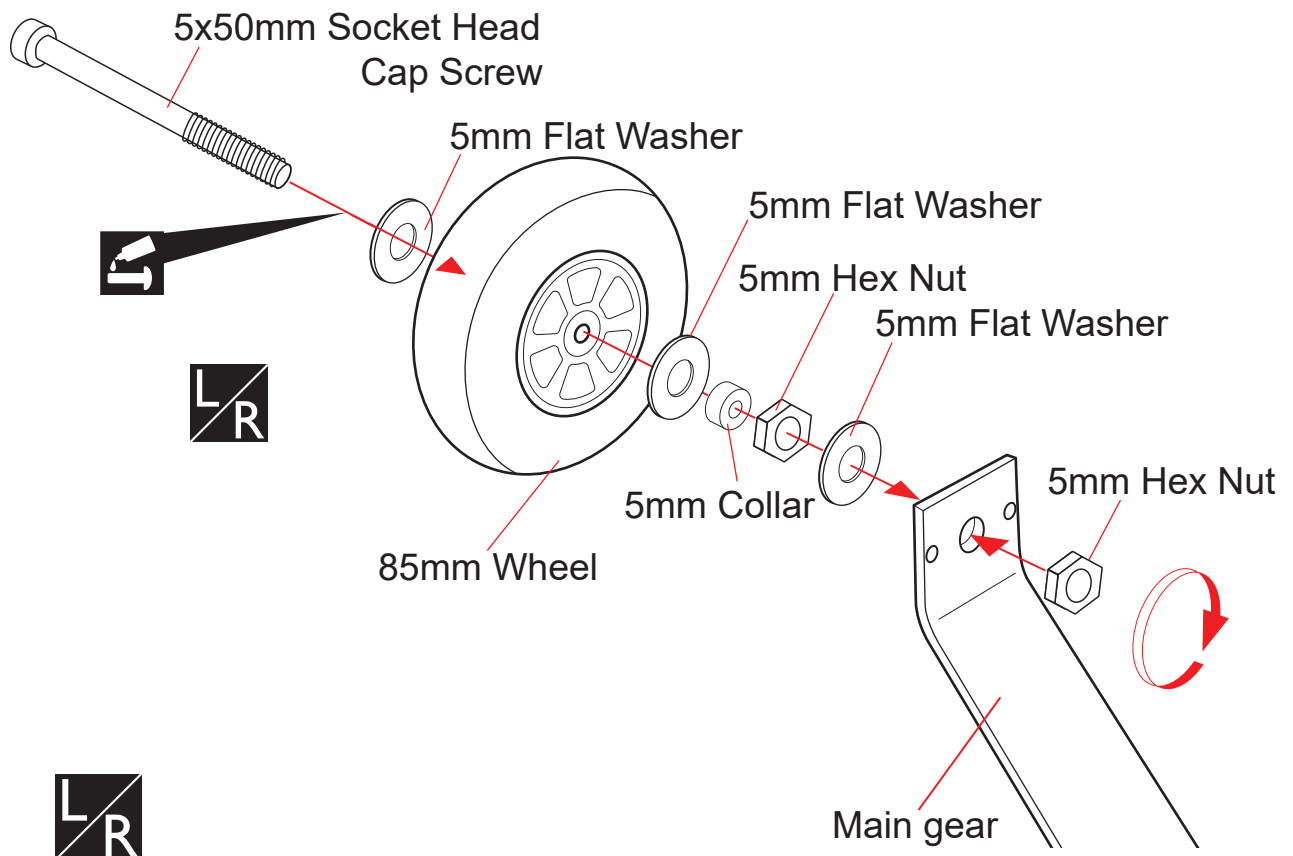
Bottom view





Top view

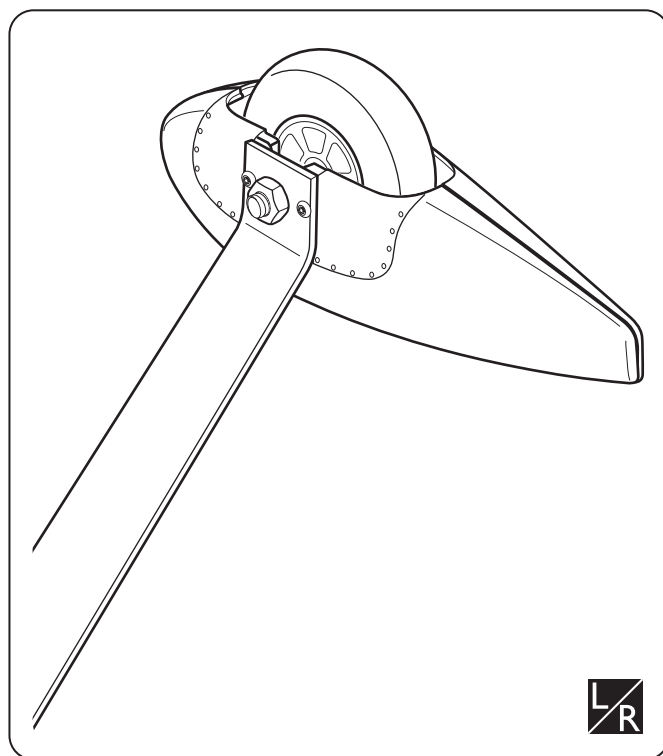
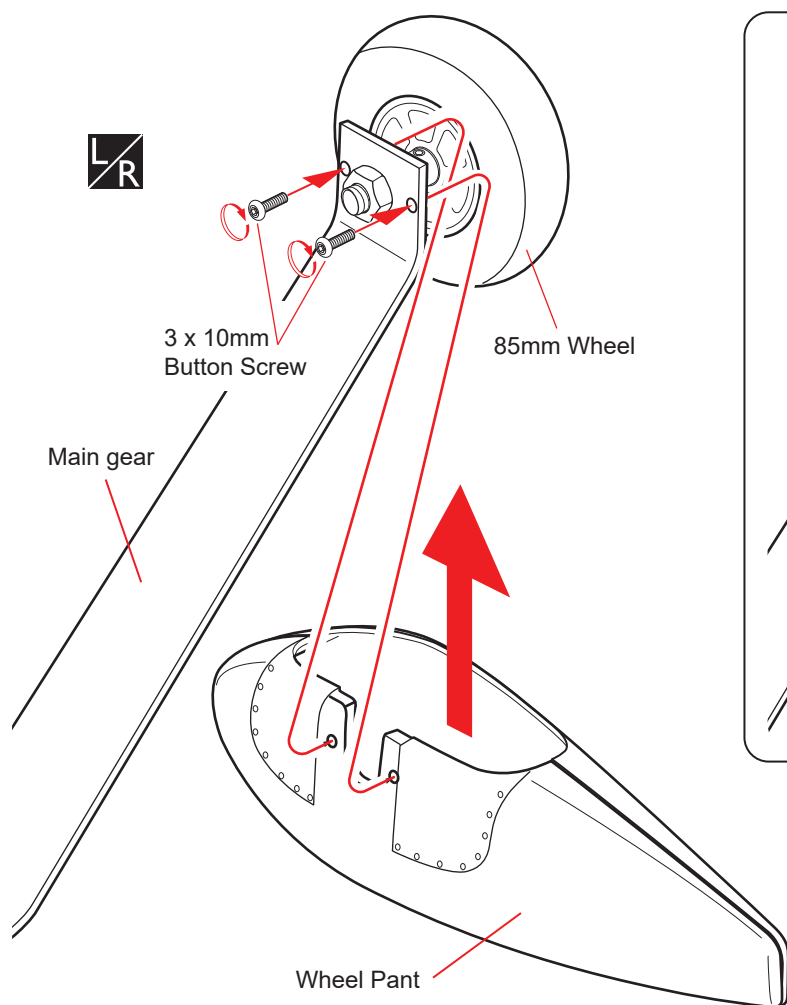
 Apply instant glue (C.A glue, super glue).

 Assemble left and right sides the same way.

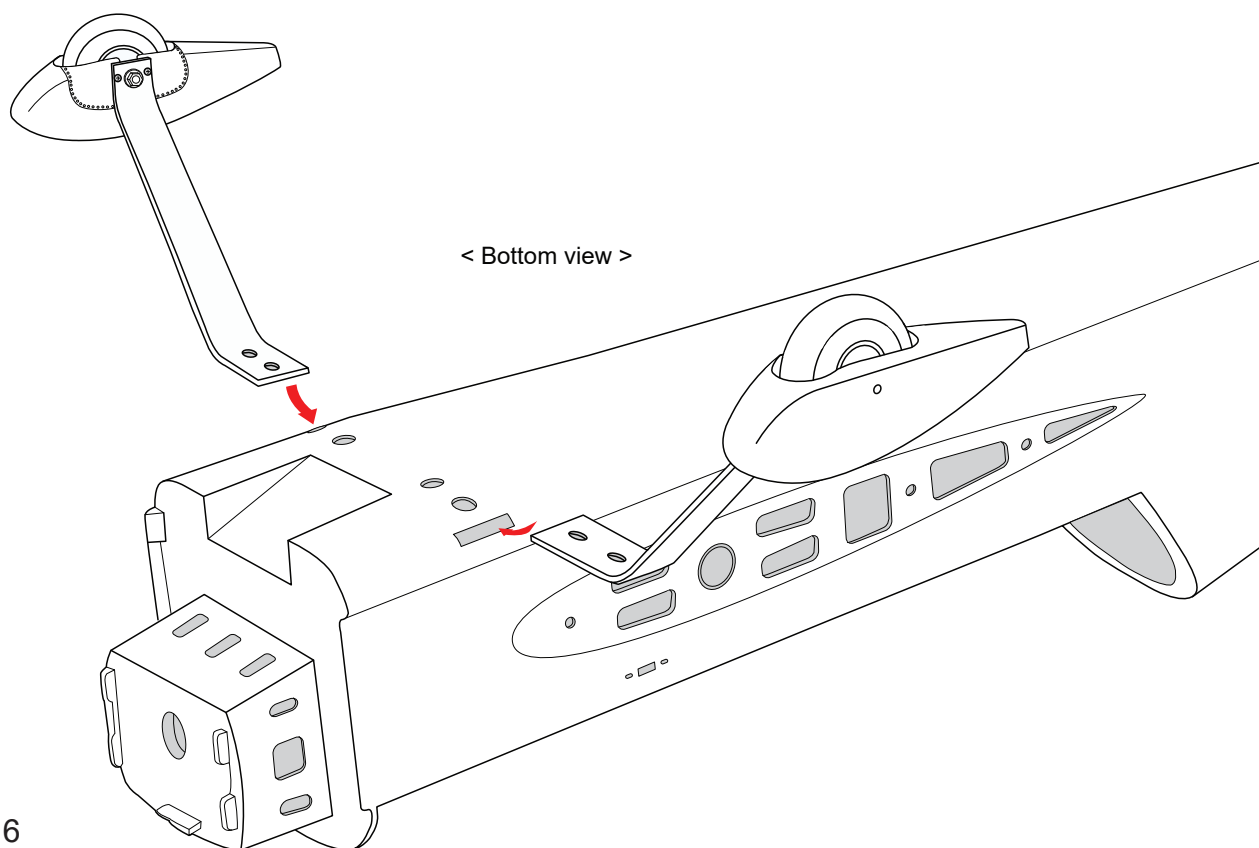


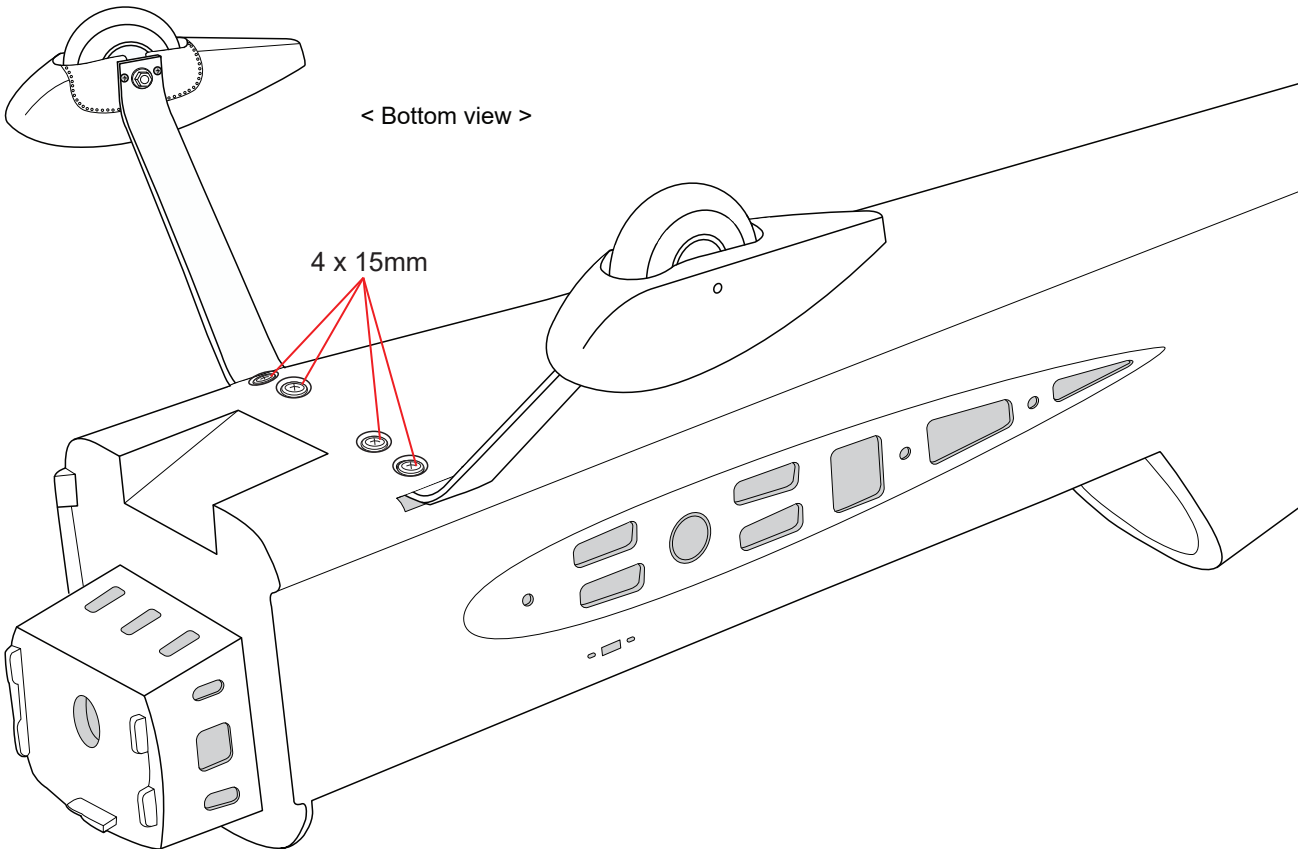
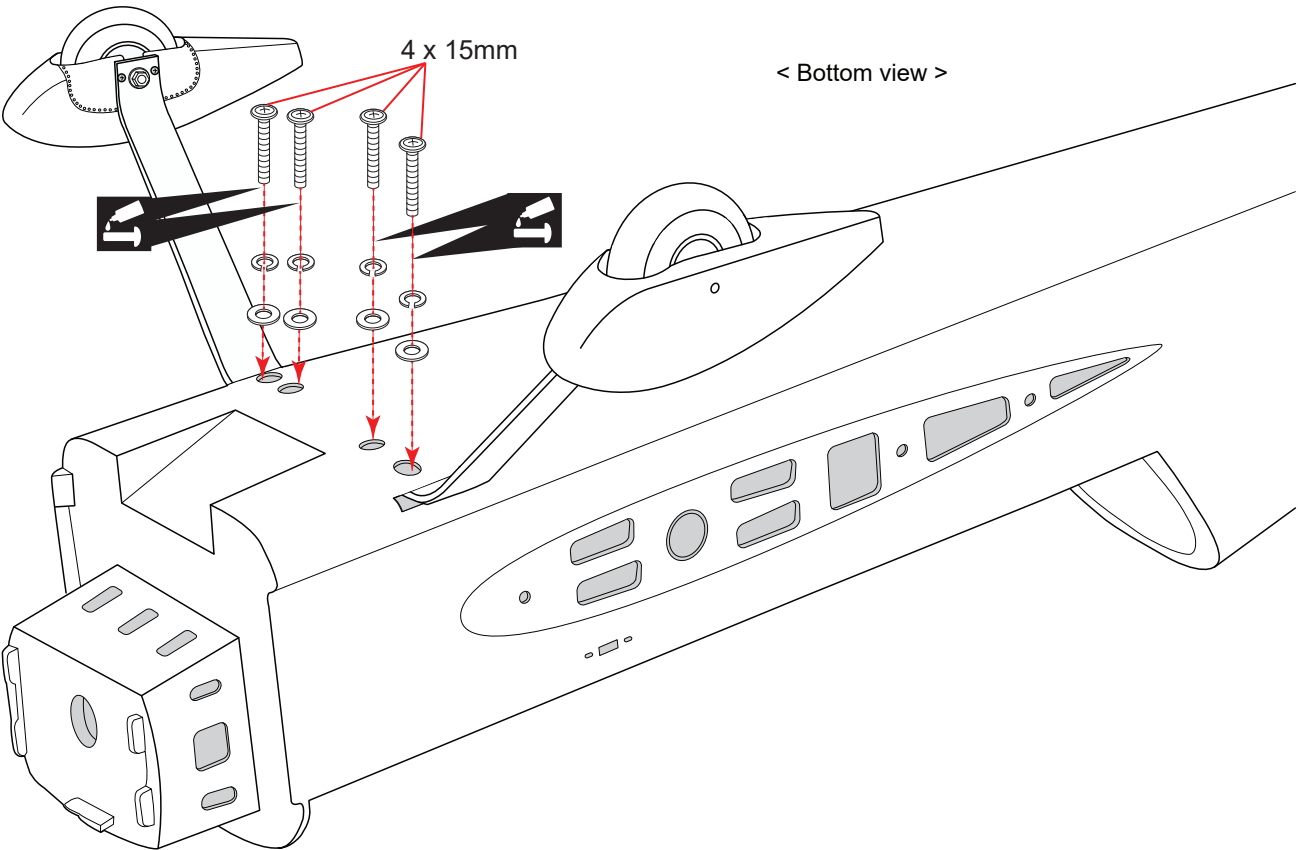
 Assemble left and right sides the same way.

 Apply threadlocker (screw cement).



- Apply threadlocker (screw cement).
- Assemble left and right sides the same way

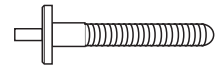




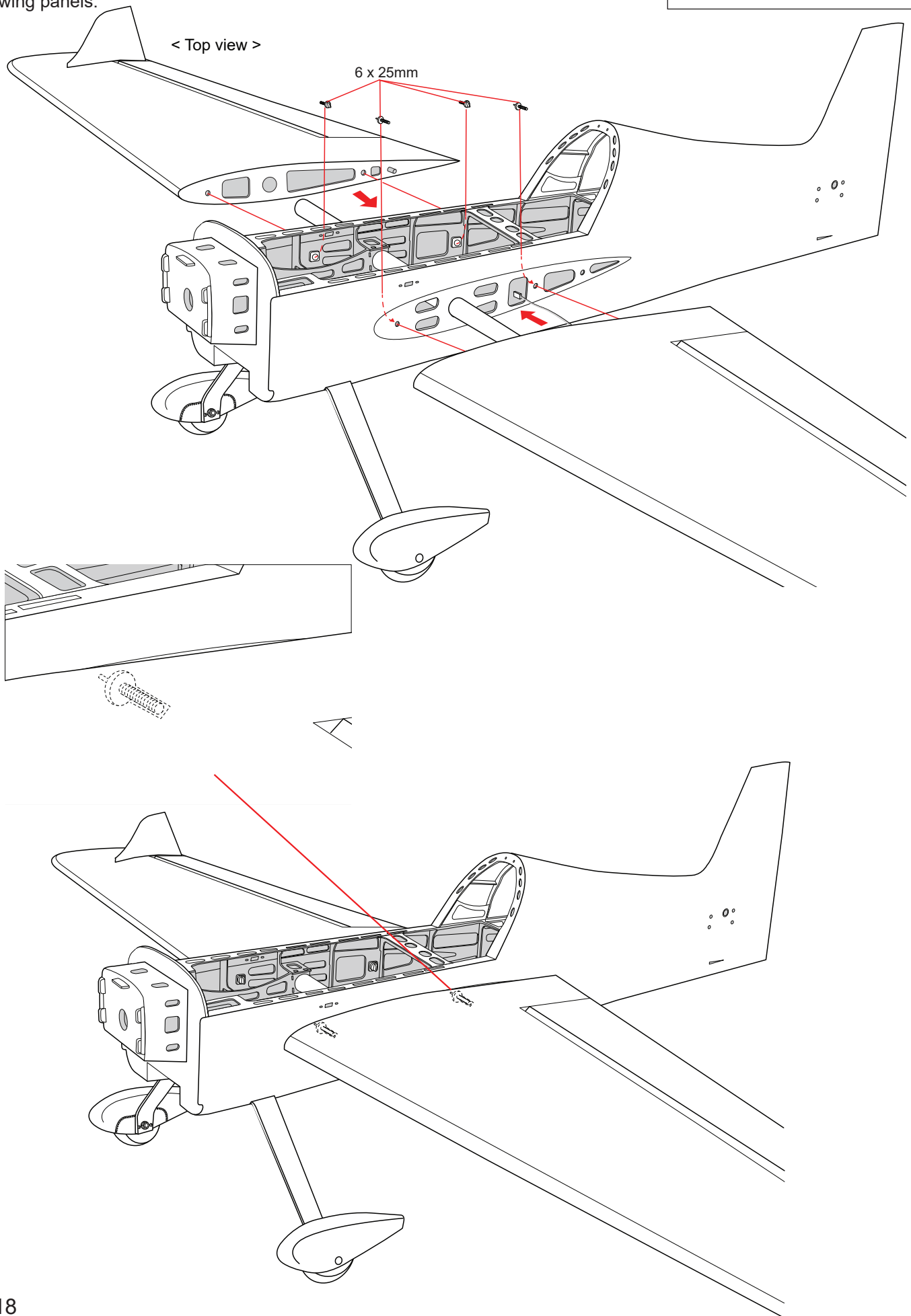
SECURE THE WING TO THE FUSELAGE

Attach the wings to the fuselage and secure the wing panels.

6 x 25mm Plastic Screw



..... 4



HORIZONTAL STABILIZER INSTALLATION

1. Using a modeling knife, cut away the covering from the fuselage for the stabilizer and remove it.
2. Remove the covering from the stabilizer.

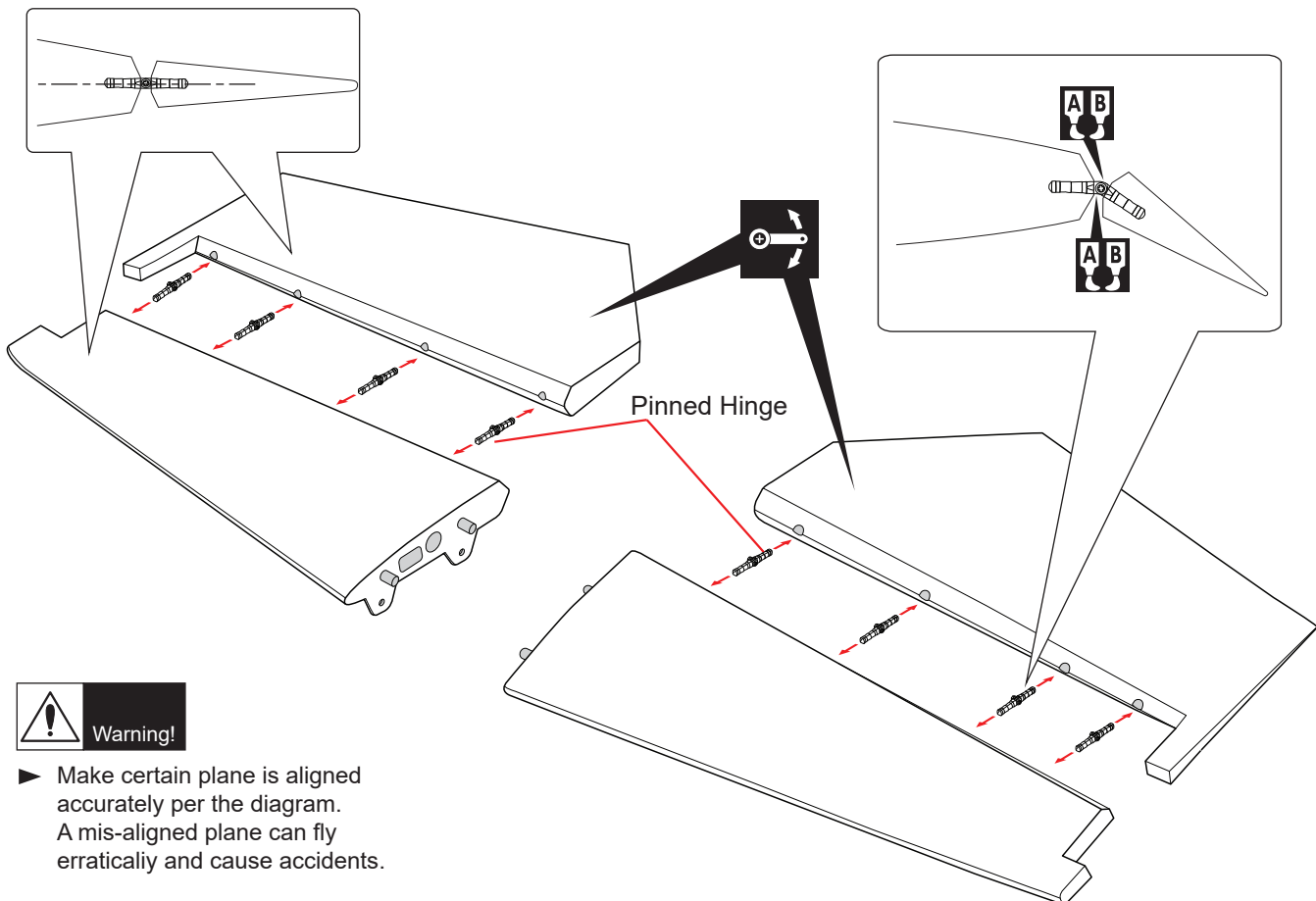


When cutting through the covering to remove it, cut with only enough pressure to only cut through the covering it's self. Cutting into the balsa structure may weaken it. This could lead to possible failure during flight.

3. Attach the wing to the fuselage as picture.
4. Test the position of the elevator and adjust it as shown.

216mm Ø12 Aluminium	-----	1
Pinned Hinge	-----	8
4x 15mm Socket Head Cap Screw	-----	4
4mm Flat Washer	-----	4
4mm Spring Washer	-----	4

5. When you are sure that everything is aligned correctly, mix up a generous amount of 30 minute epoxy. Apply a thin layer to the bottom and to the top of the stabilizer mounting area and to the stabilizer mounting platform sides in the fuselage. Insert the stabilizer in place and re-align. Double check all of your measurements one more time before the epoxy cures. Remove any excess epoxy using a paper towel and rubbing alcohol and hold the stabilizer in place with T-pins or masking tape.
6. After the epoxy has fully cured, remove the masking tape or T-pins used to hold the stabilizer in place and carefully inspect the glue joints. Use more epoxy to fill in any gaps that were not filled previously and clean up the excess using a paper towel and rubbing alcohol.
7. Repeat step 1 - step 2 from the installing aileron for the installing elevator.



Warning!

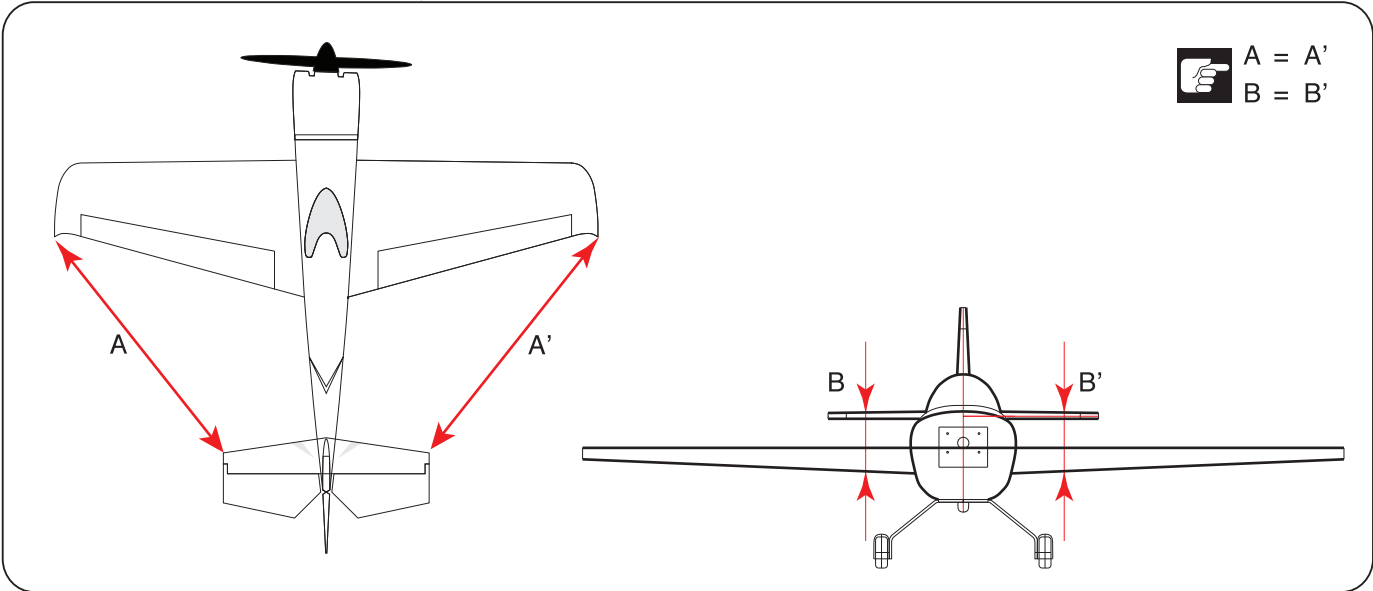
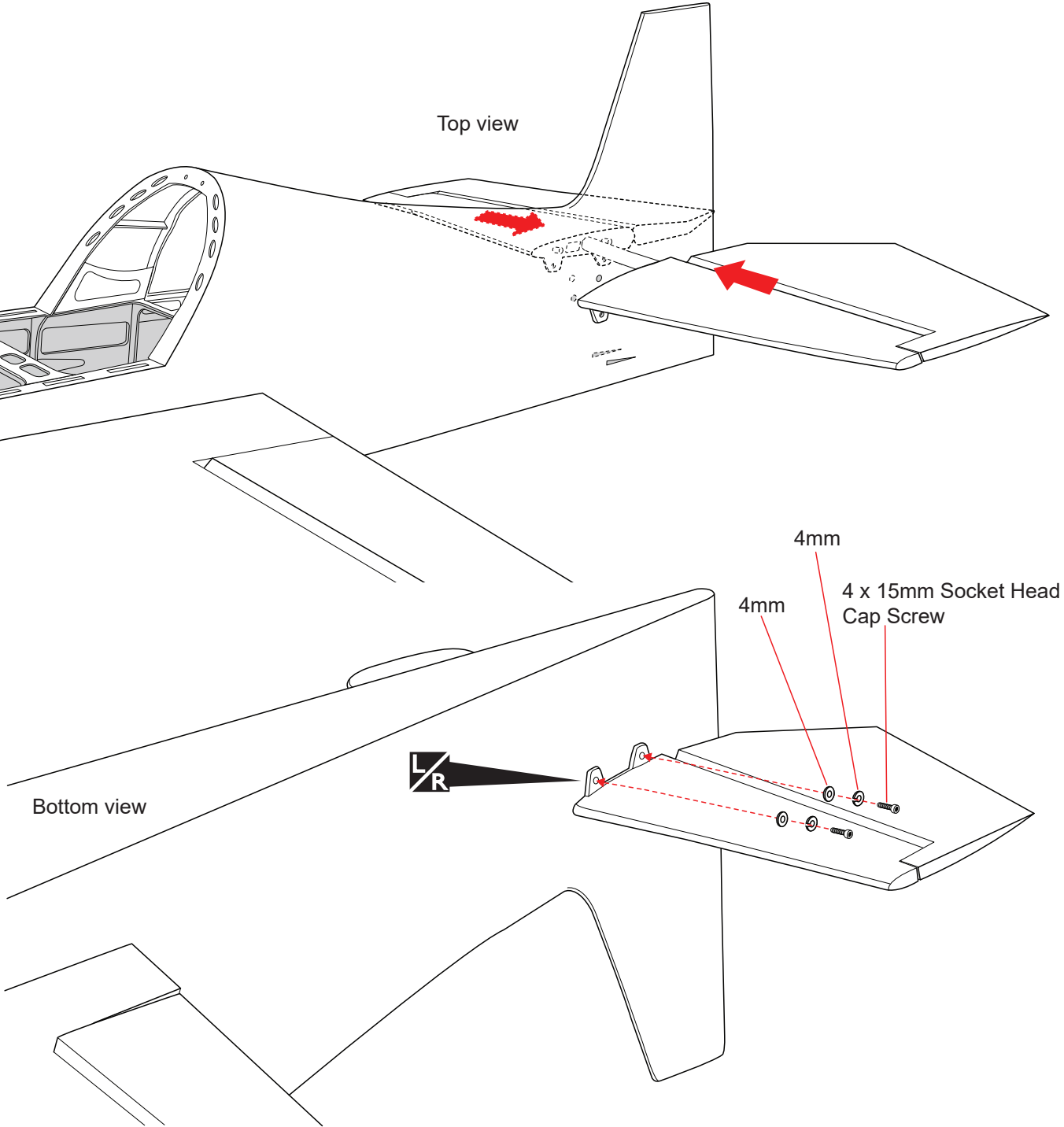
- Make certain plane is aligned accurately per the diagram. A mis-aligned plane can fly erratically and cause accidents.



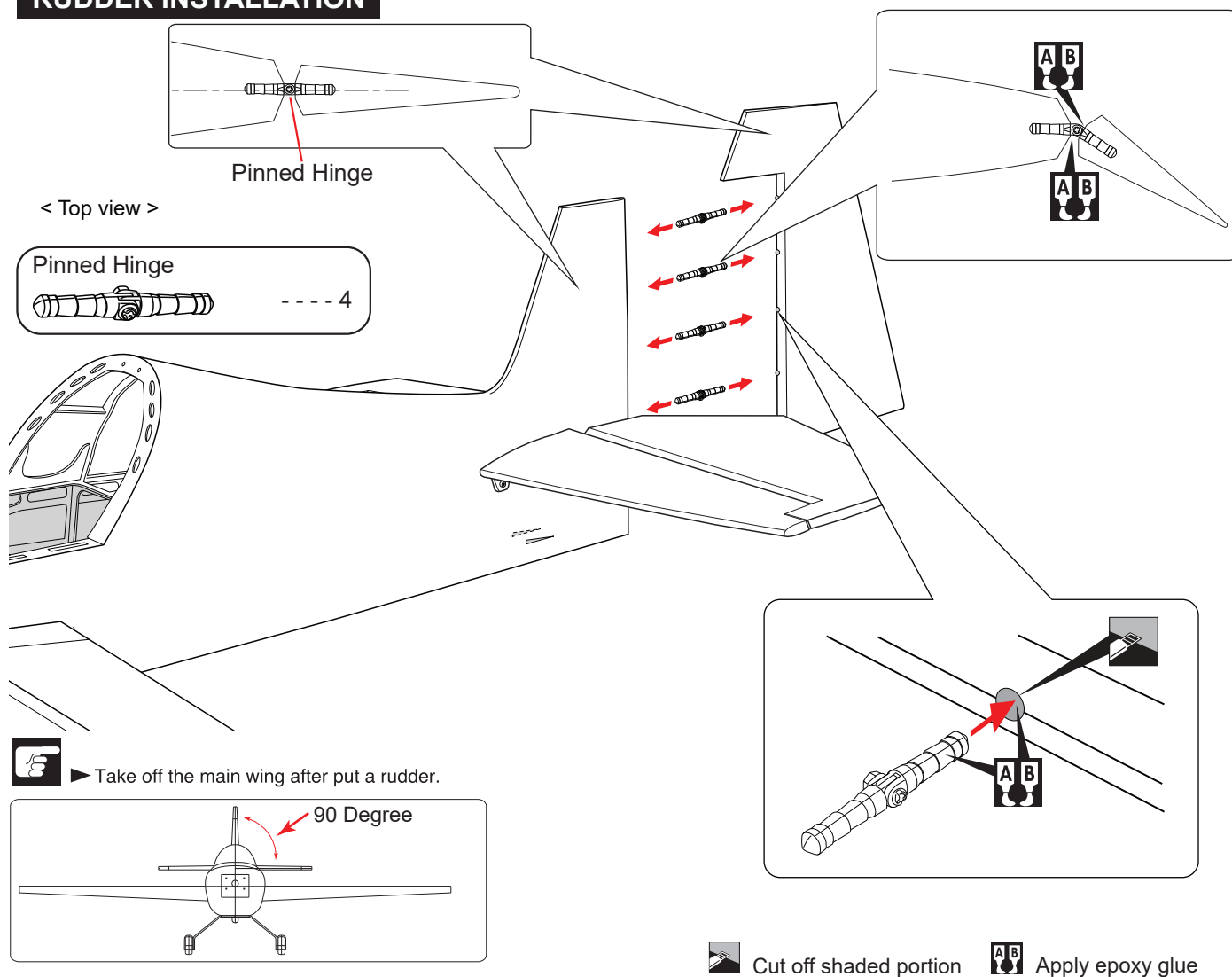
Apply epoxy glue



Ensure smooth, non-binding movement when assembling



RUDDER INSTALLATION



INSTALLING THE RUDDER LINKAGES

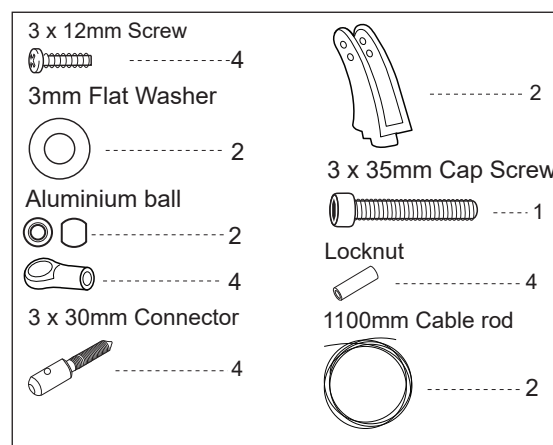
The rudder is controlled by two metal cables. Install the rudder linkages and cables as below.

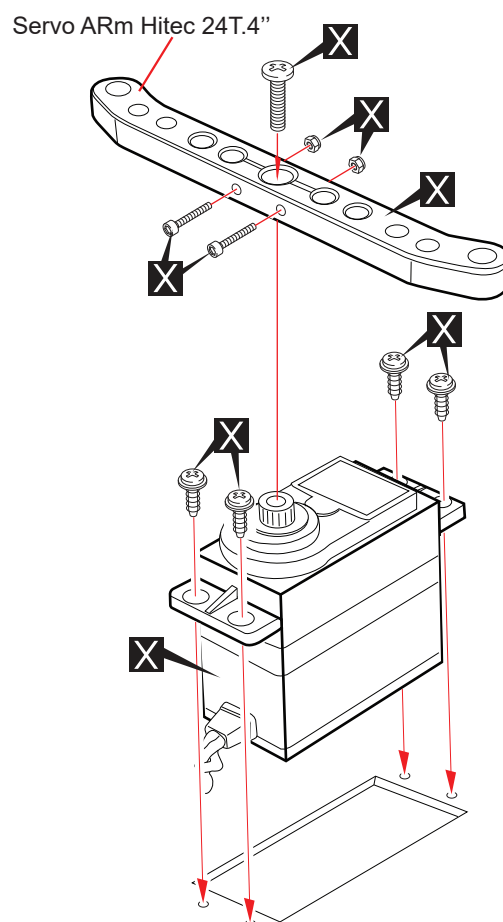
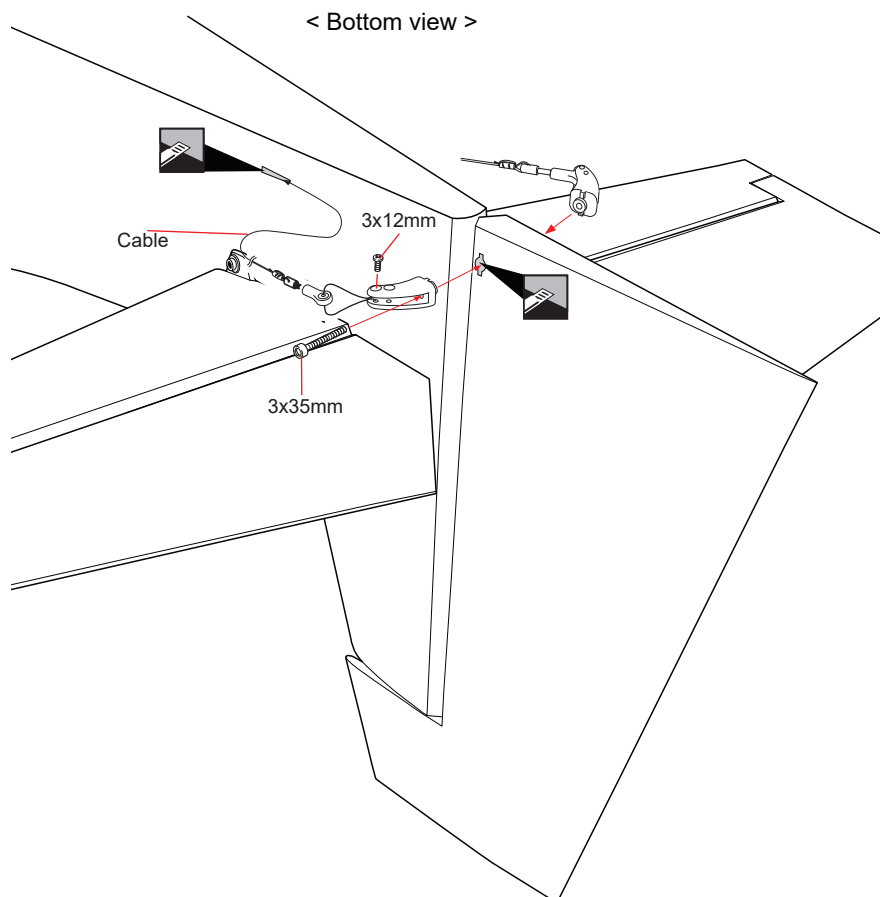
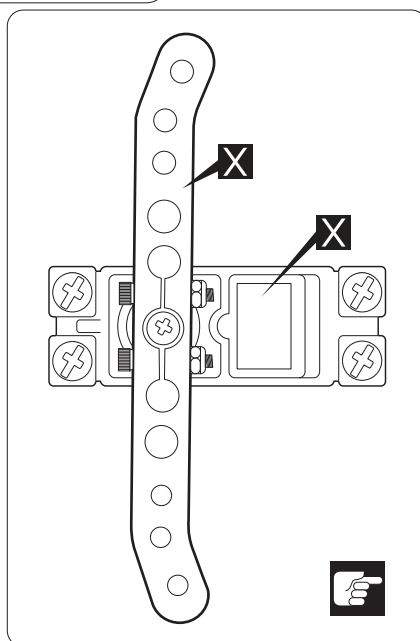
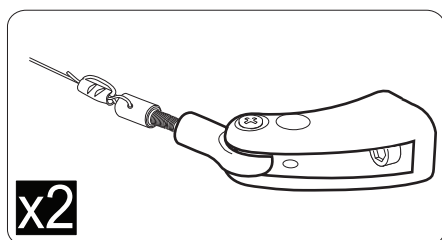
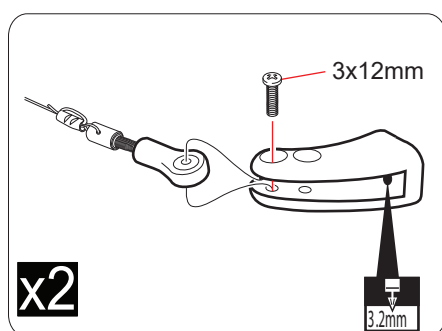
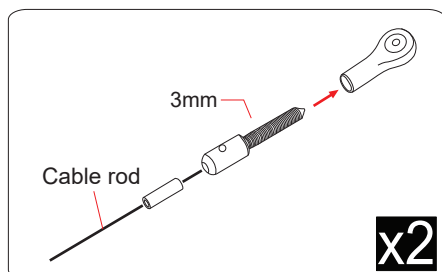
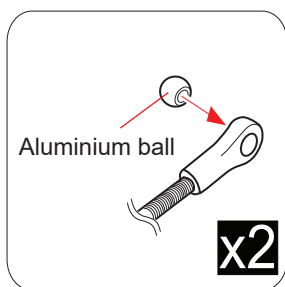
1. Use a hobby knife to remove the covering from the openings for the rudder control cables.
2. The rudder has a block wood plate for mounting the control horn. Two control horn is positioned on both side rudder (left and right).
3. Install the control horn to the rudder.
4. Slide a crimp onto the cable, then pass the cable through the threaded cable end. Pass the cable back into the crimp and use crimping pliers to secure the crimp to the cable. Guide the cable into the fuselage to the position for the rudder servo.
5. Thread the metal connector to the link ball.
6. Center the rudder servo using the radio and install the servo arm. Attach the Plastic link ball to the rudder servo arm.
7. Slide a crimp onto the cable, then pass the cable through the threaded cable end. Pass the cable back into the crimp and use crimping pliers to secure the crimp to the cable.

9. Attach the clevis to the rudder servo. There should be light tension on each of the wires when installed properly.



Note: Remember use thread locking compound to secure.





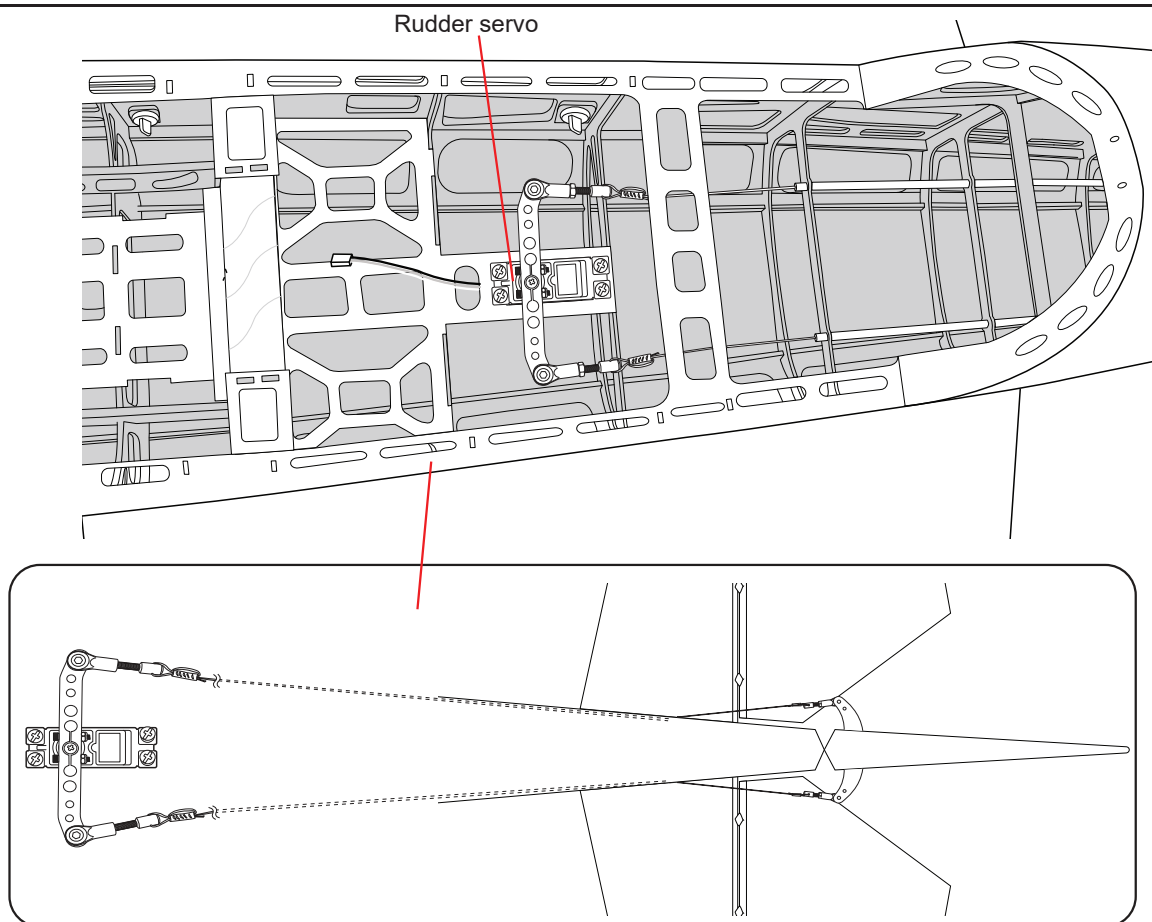
Cut off shaded portion



Must be purchased separately!



Pay close attention here

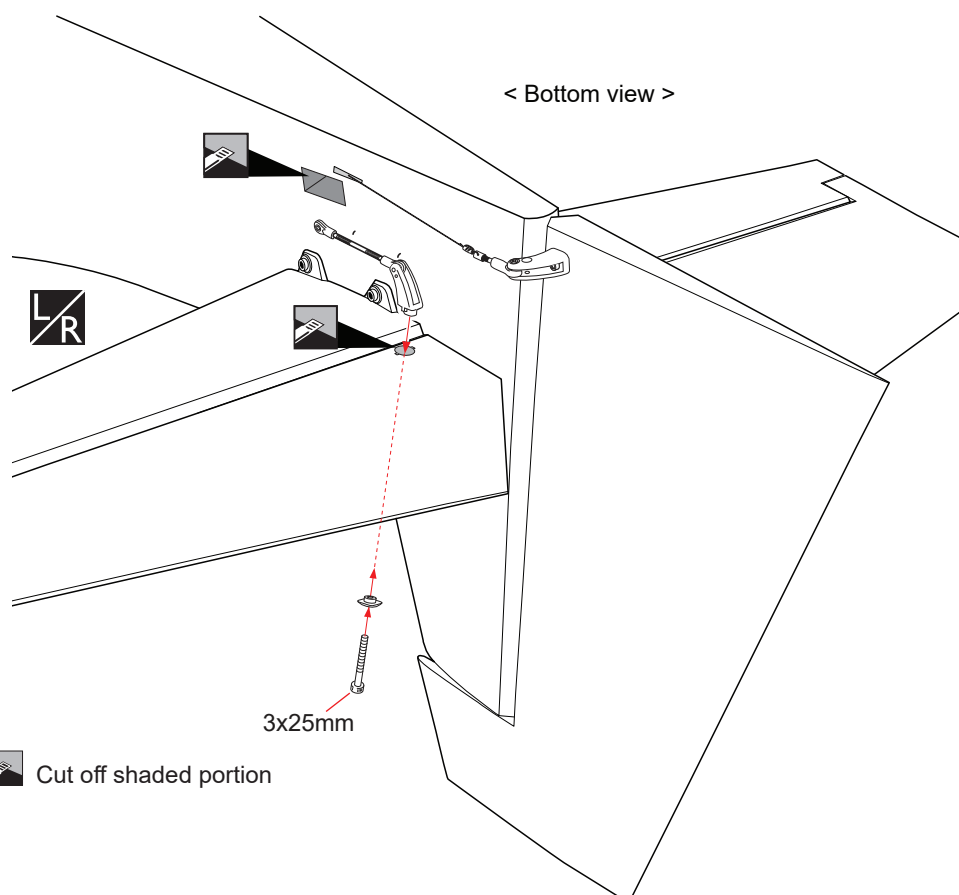


INSTALLING THE ELEVATOR SERVO

1. Remove the covering from both side of the fuselage.
2. Install two servo to the fuselage as shown.
3. Repeat these step as installing the aileron control horn.

INSTALLING THE ELEVATOR LINKAGES

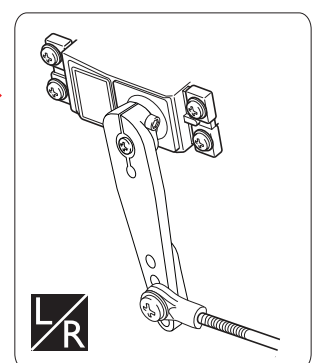
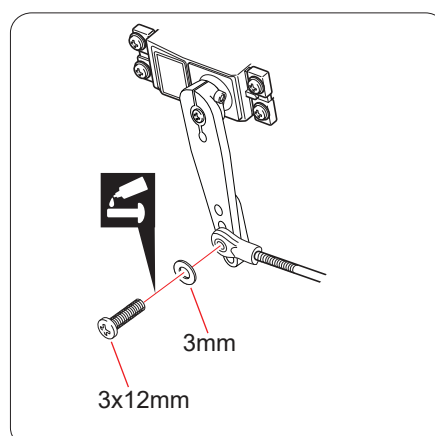
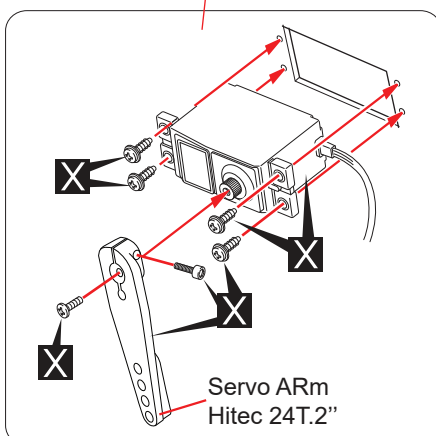
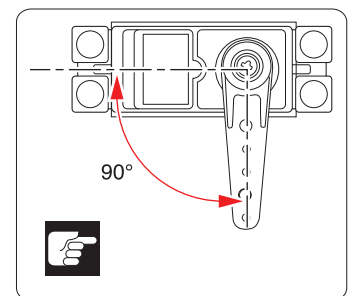
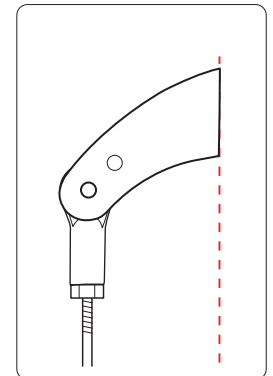
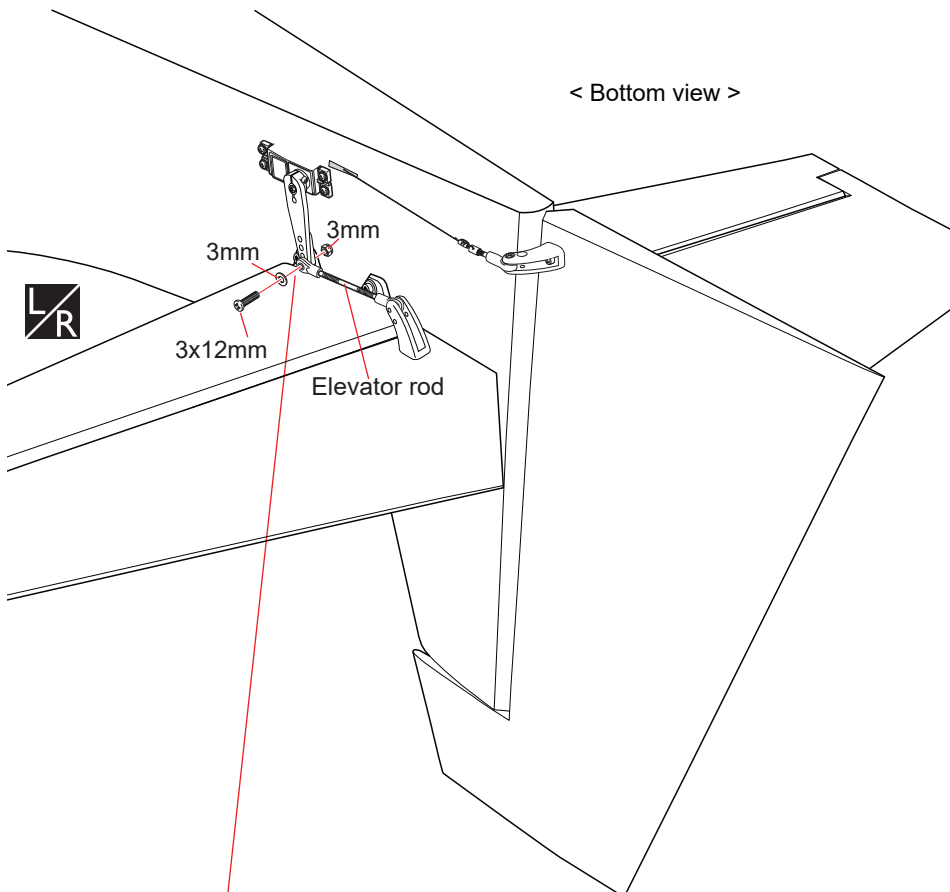
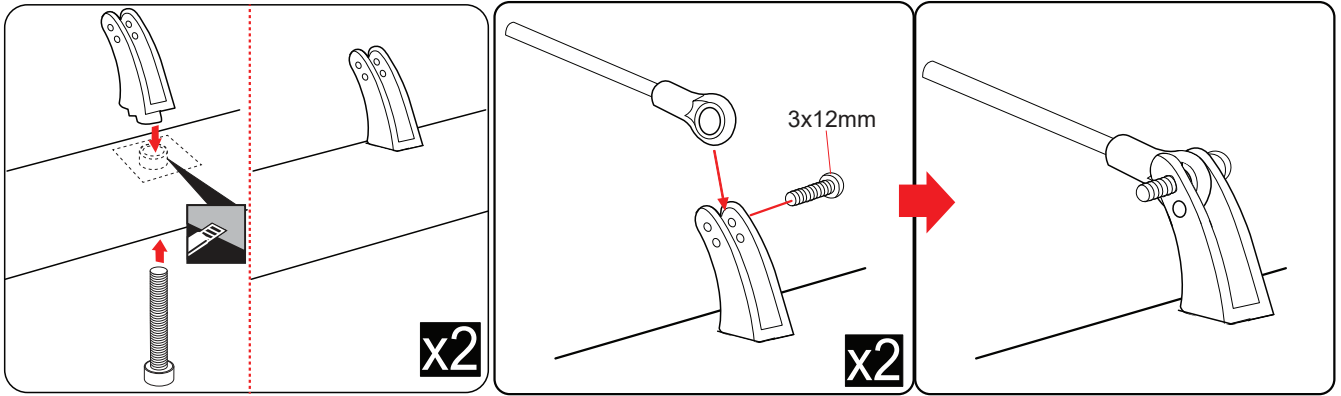
Repeat these step as installing the aileron linkages.



Cut off shaded portion

	Horn 2
	3 x 25mm Cap Screw 2
	Aluminium ball 2
	3 x 12mm Screw 4
	3mm Washer 4
	3 x 85mm Push rod 2

Assemble left and right sides the same way

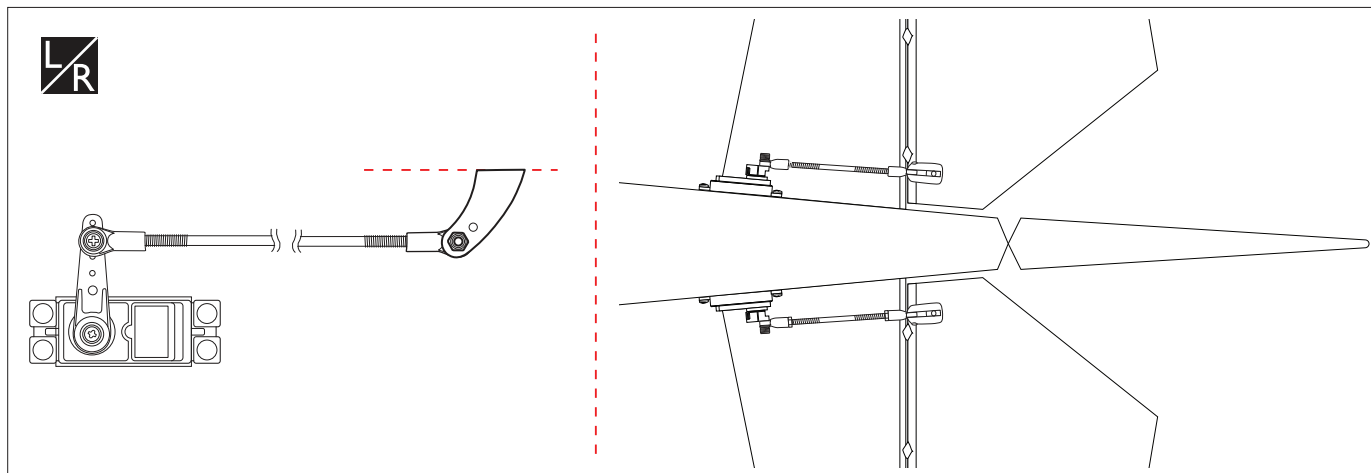



X Must be purchased separately!

Pay close attention here

Assemble left and right sides the same way

Apply threadlocker (screw cement).

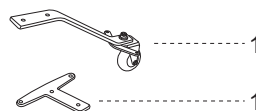


 Assemble left and right sides the same way

INSTALLING THE TAIL WHEEL

< Bottom view >

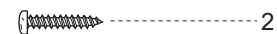
#2-Tail wheel set



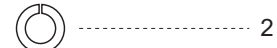
3 x 15mm Cap Screw



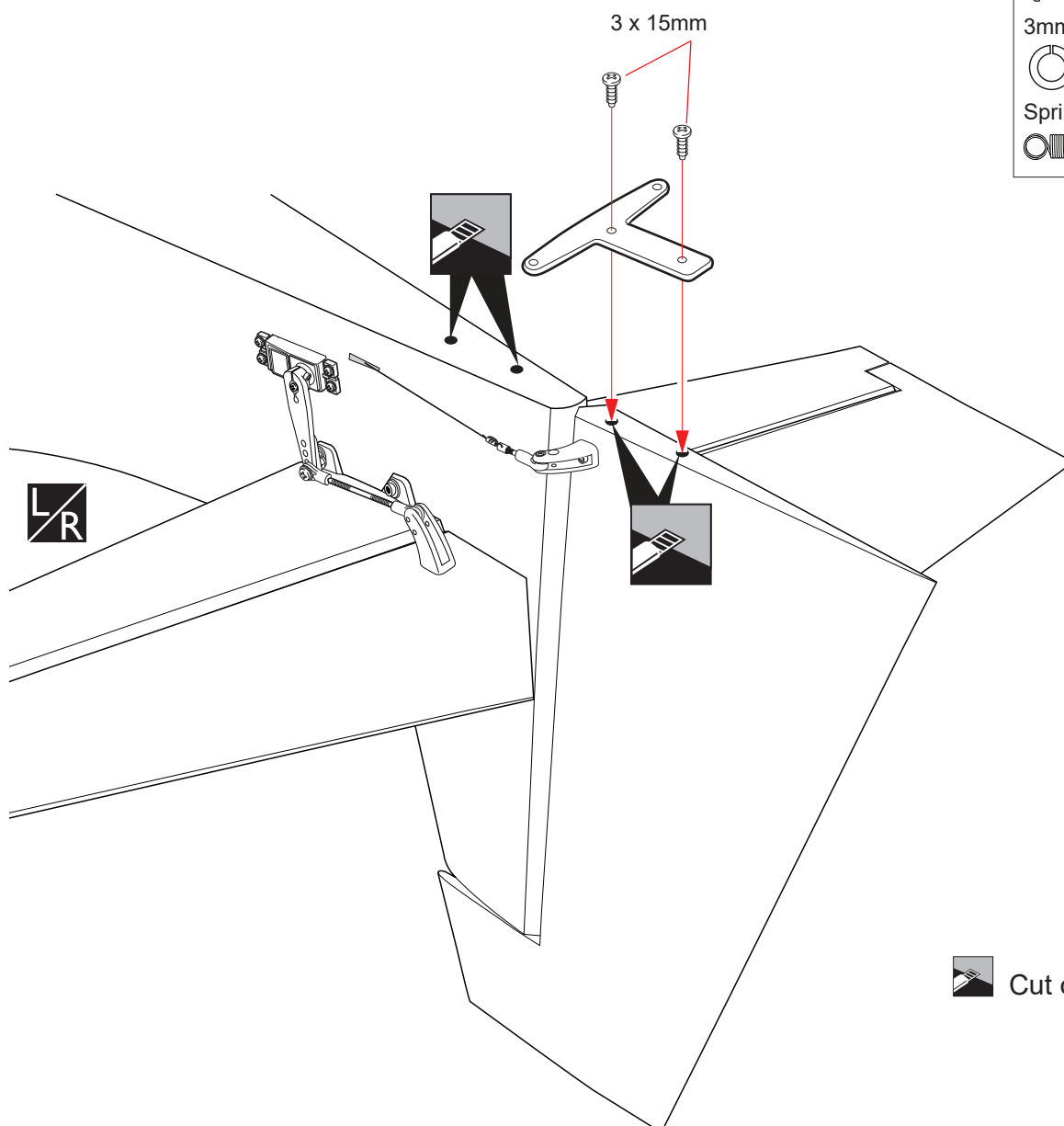
3 x 15mm TP Screw



3mm Spring Washer

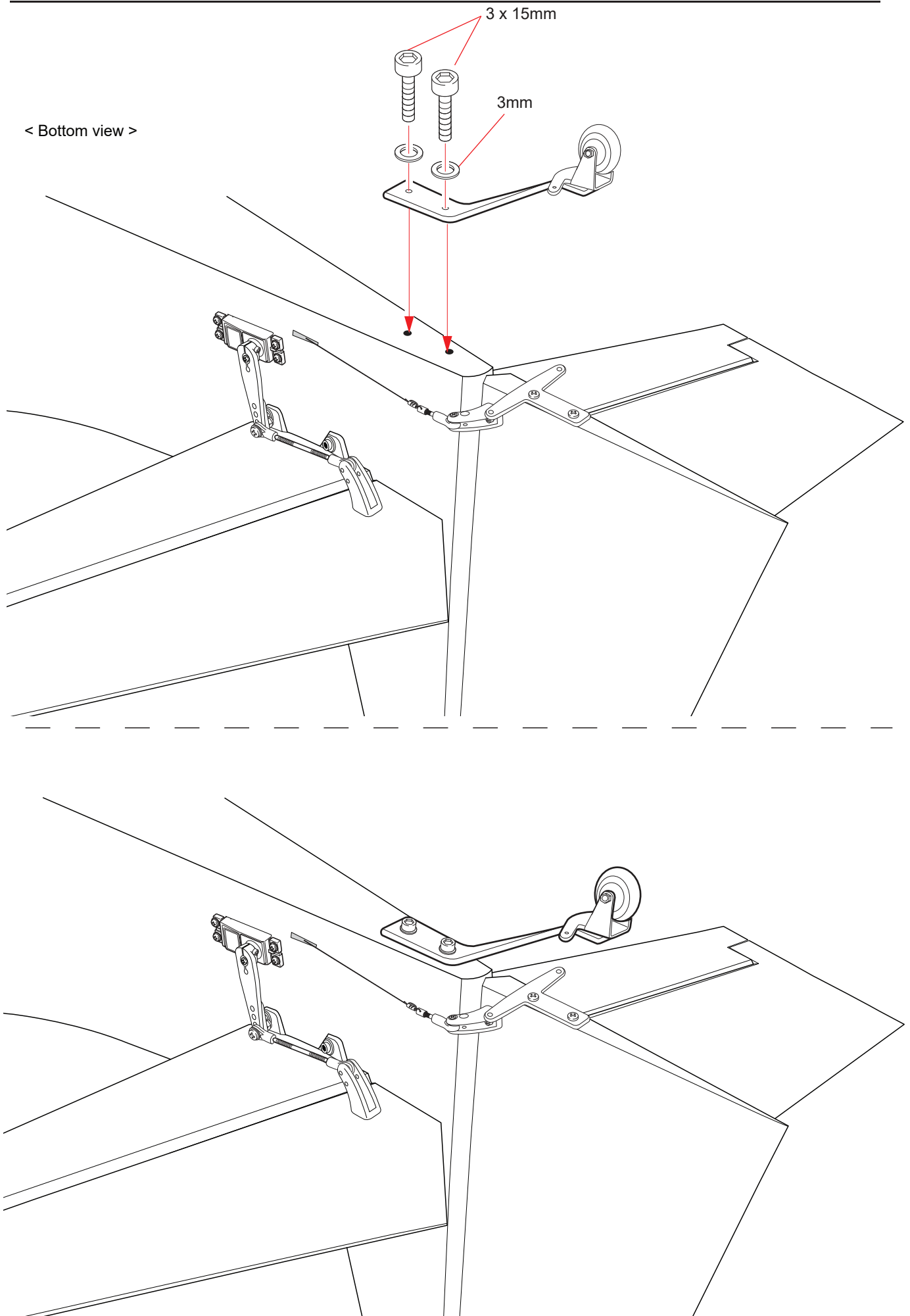


Spring

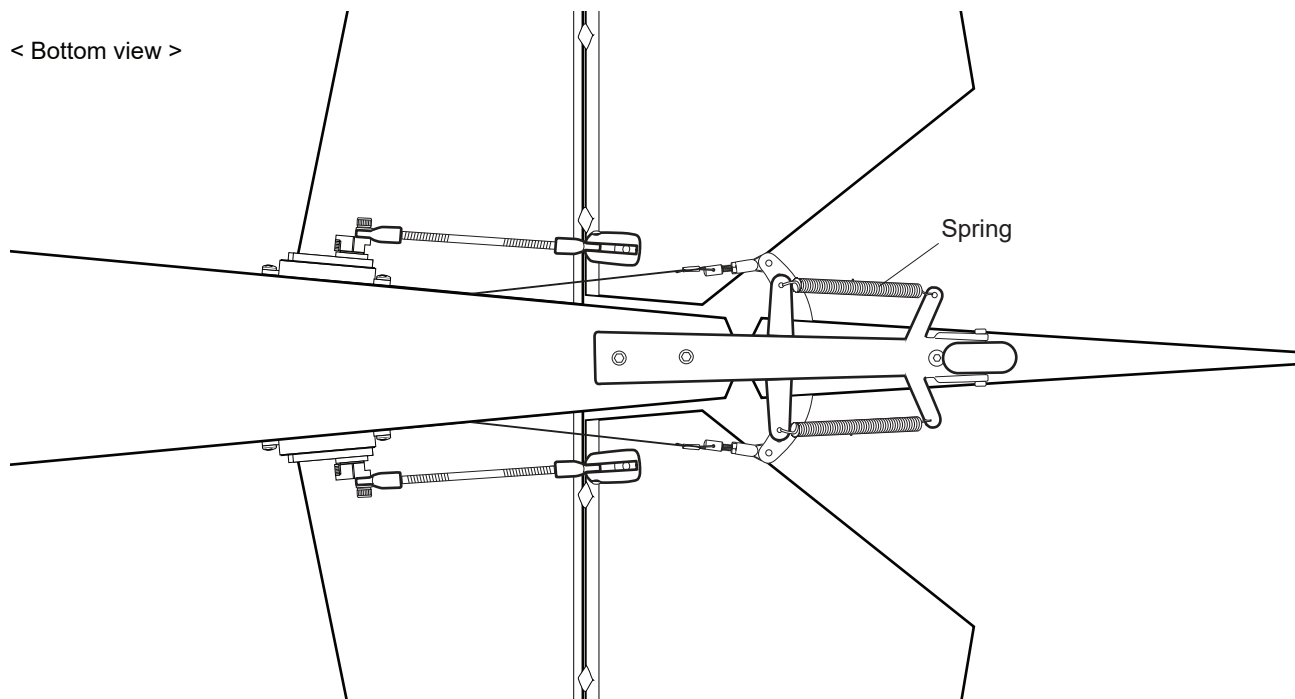


Cut off shaded portion

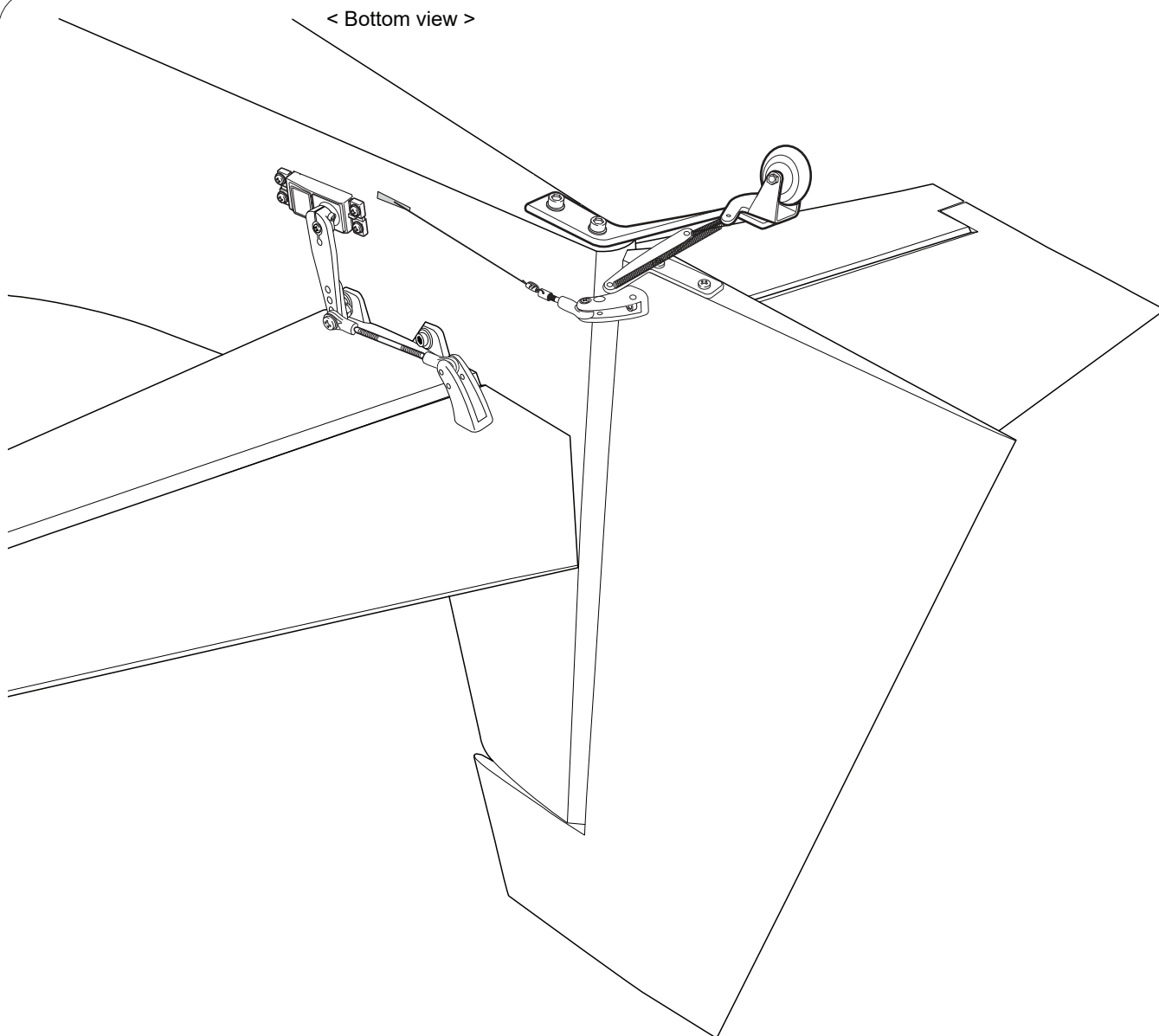
< Bottom view >



< Bottom view >



< Bottom view >



INSTALLING THE ENGINE

Using plate of plywood (supplied with the kit) mark the holes onto the fire wall for installing the engine mount for DLE-35CC or OS-33CC.

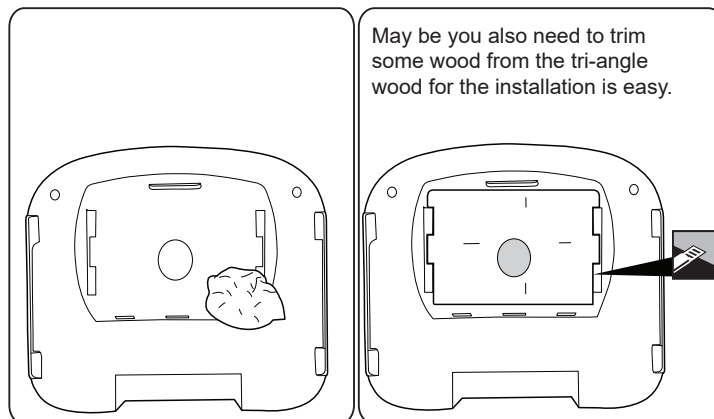
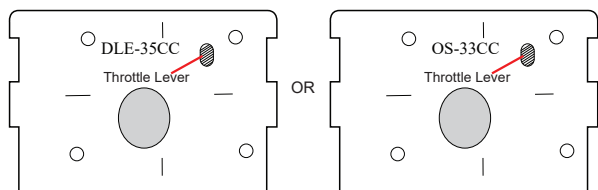
**DLE-35CC**

Plate of plywood

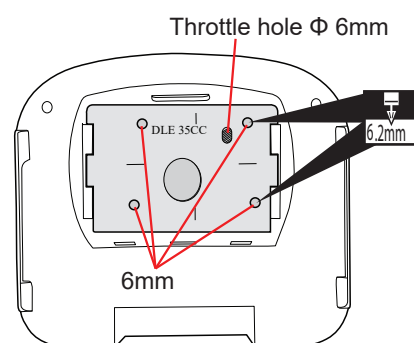
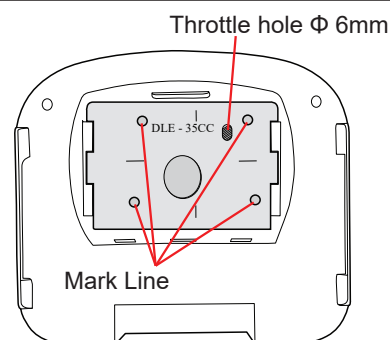
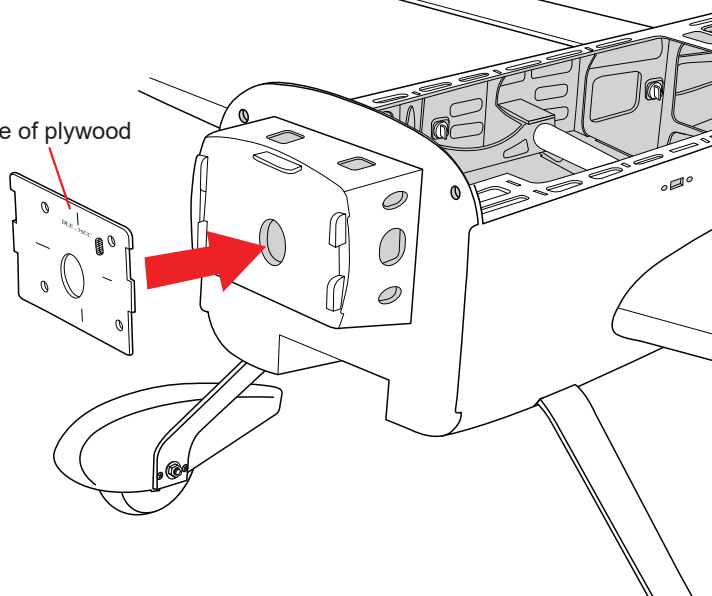
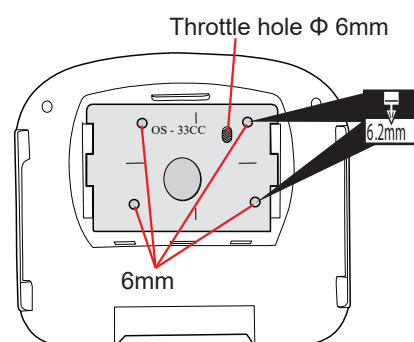
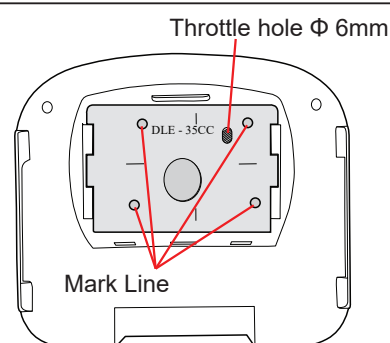
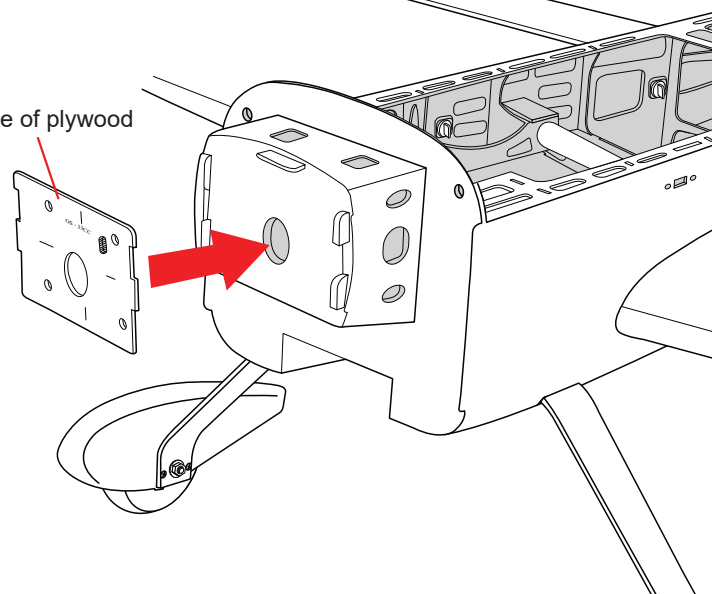
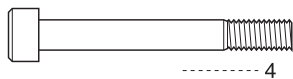
**OS-33CC**

Plate of plywood



5 x 90mm Socket Head
Cap Screw



12 x 60mm Aluminium



5mm Flat Washer



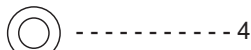
5mm Spring Washer



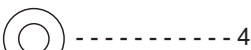
M5 Blind Nut



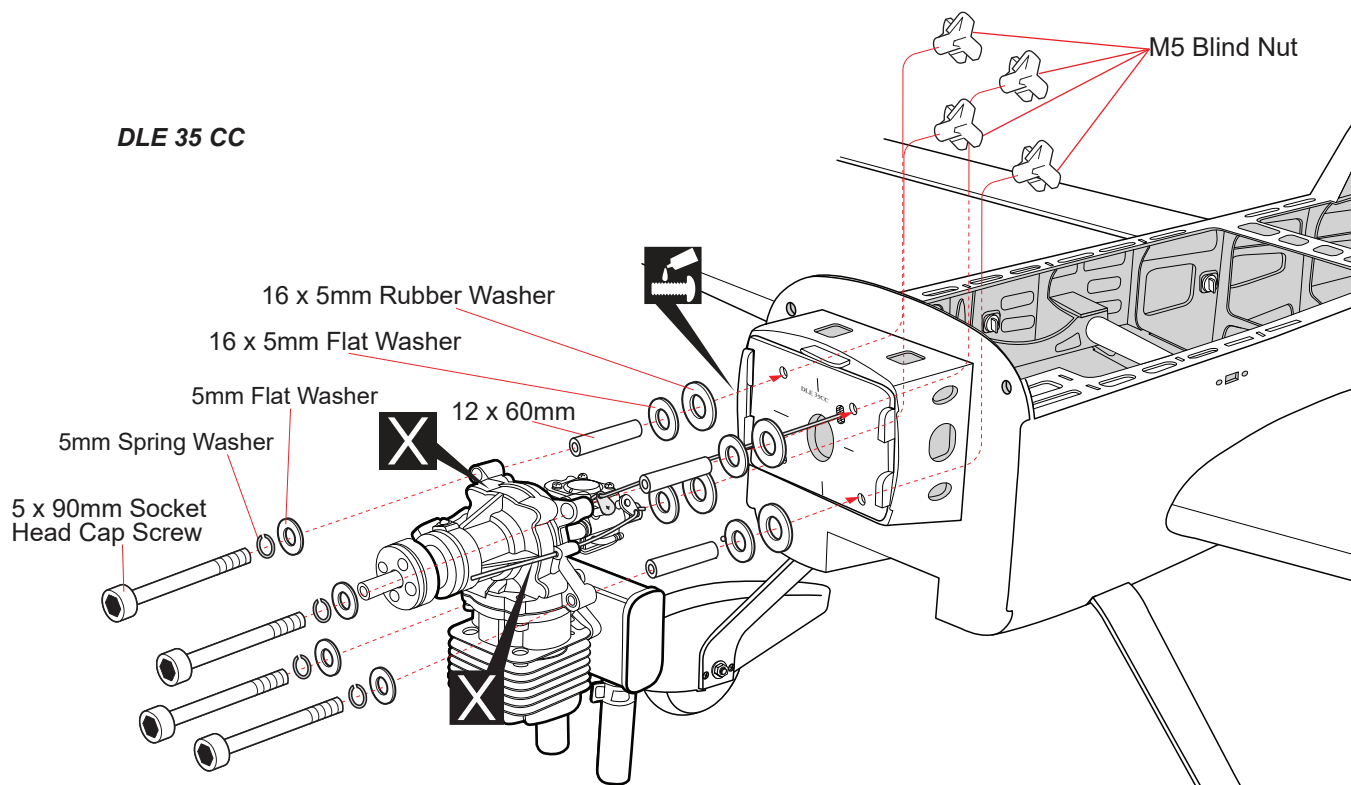
16 x 5mm Flat Washer



16 x 5mm Rubber Washer




DLE 35 CC




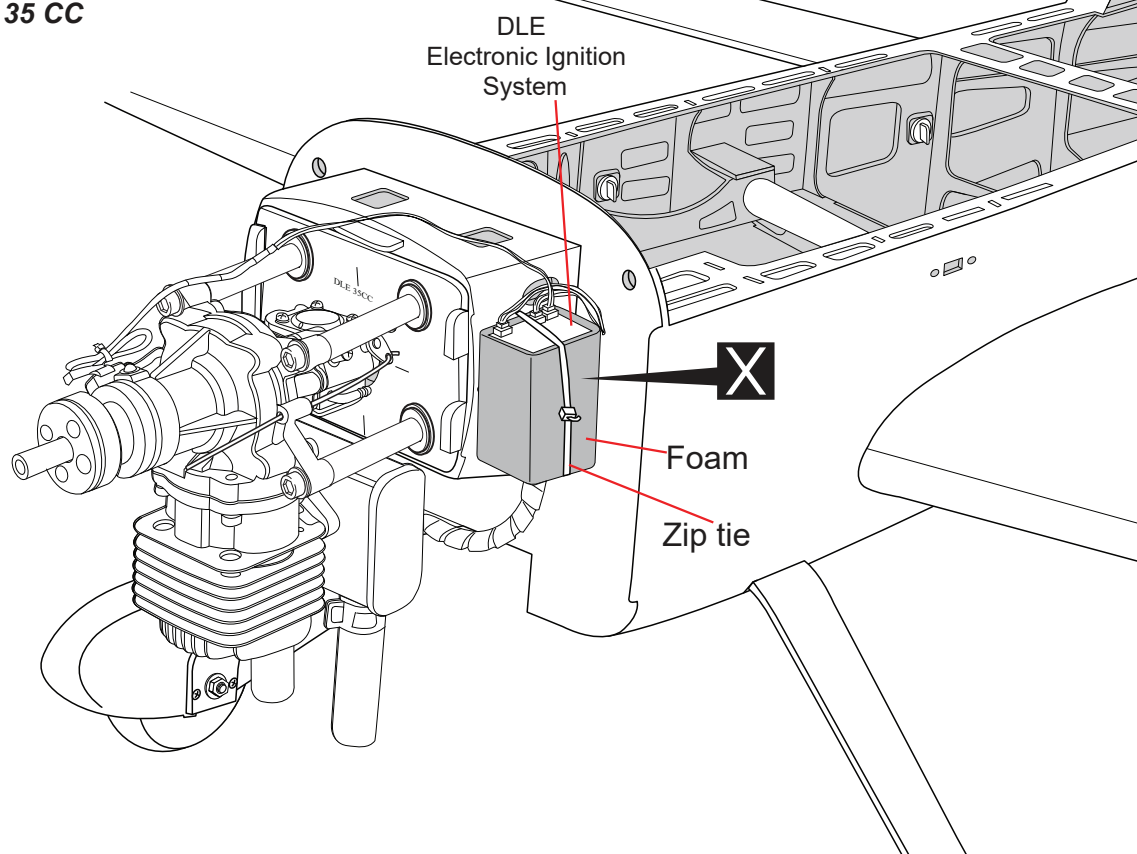
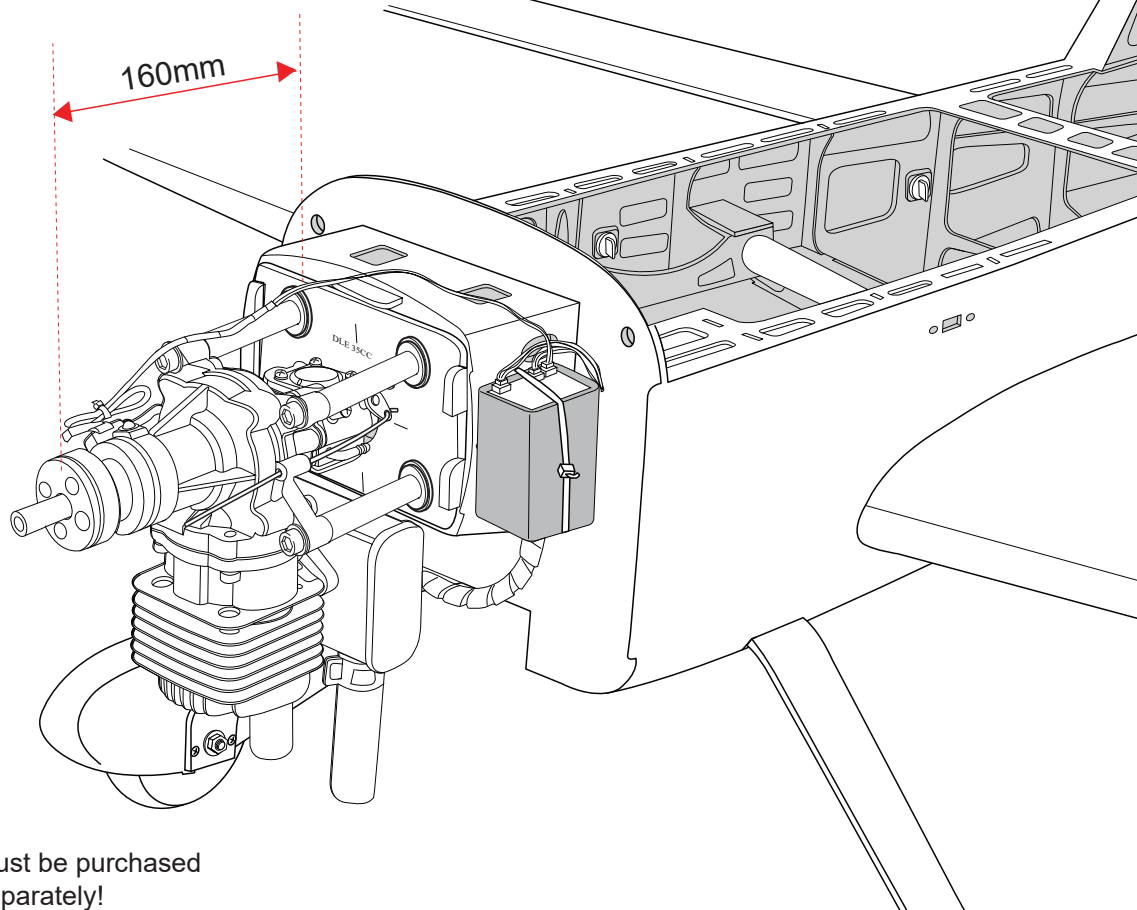
Choke Lever

Zip tie

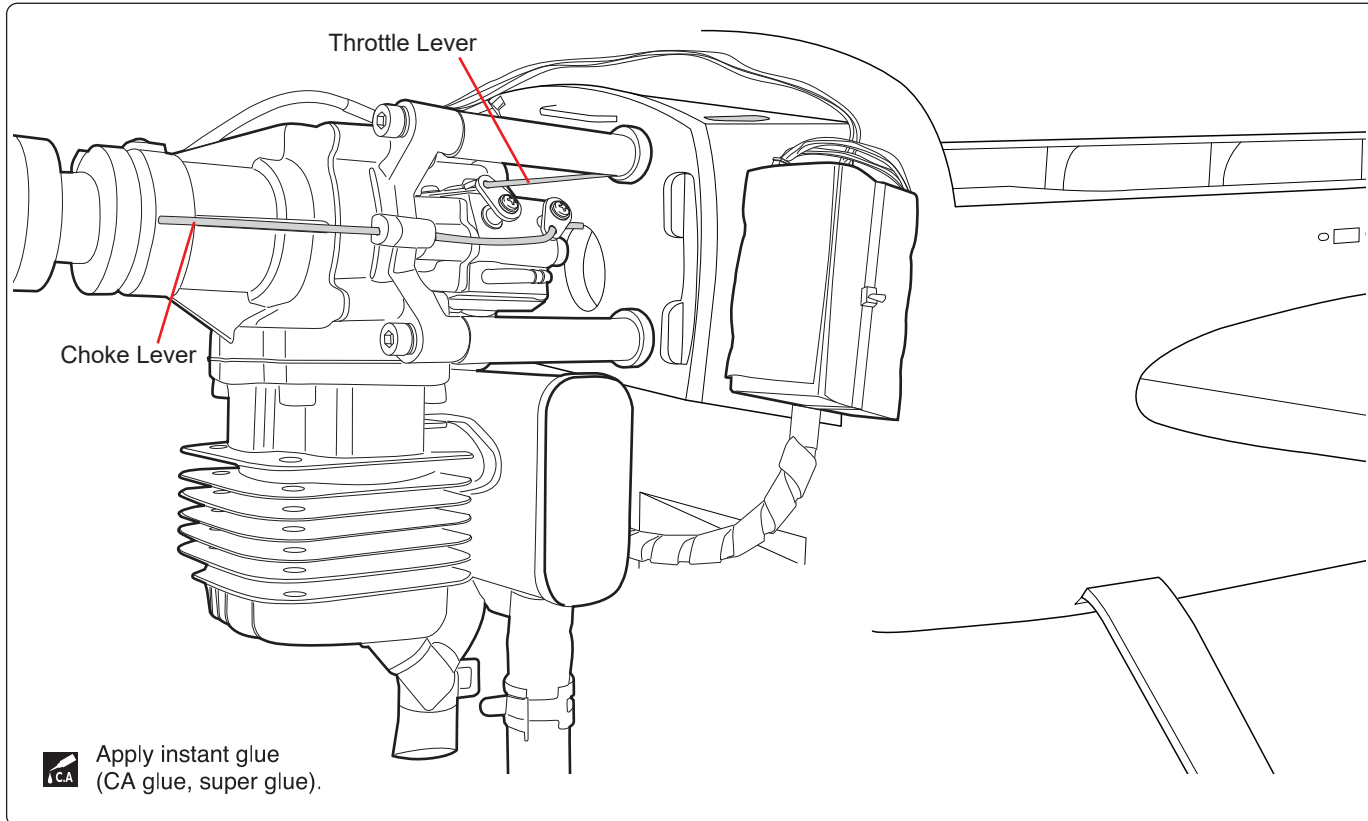
DLE 35 CC

 Apply threadlocker
(screw cement).

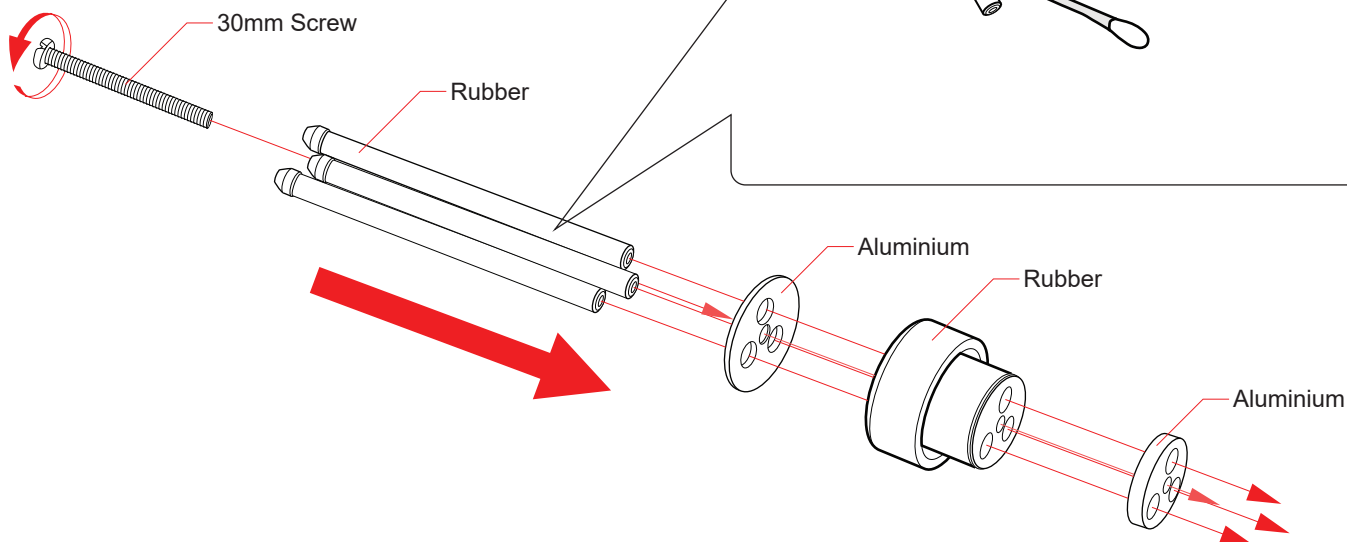
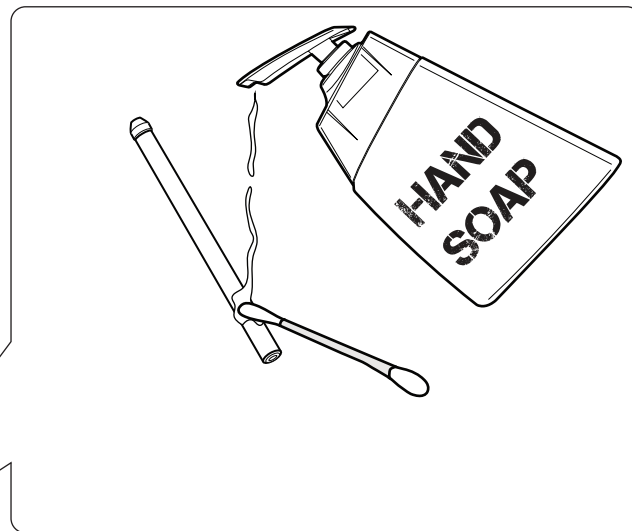
 Must be purchased
separately!

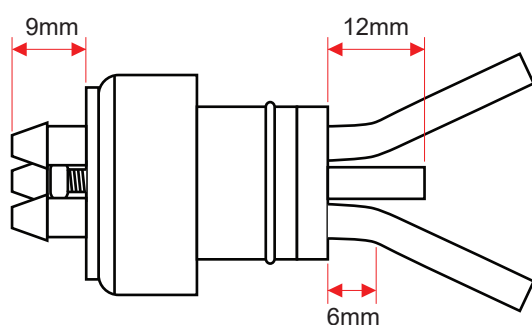
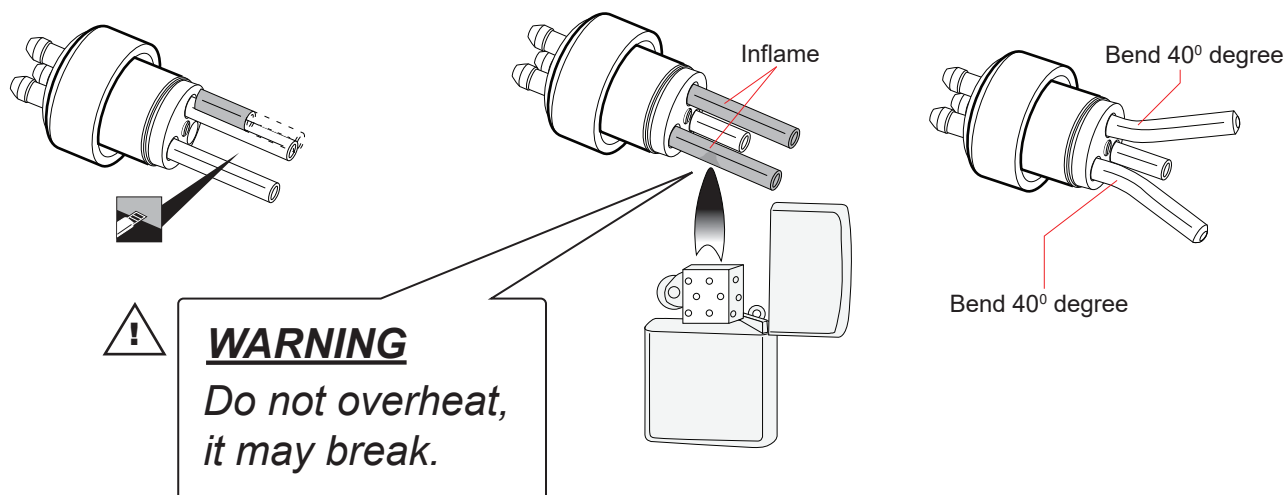
DLE 35 CC**DLE 35 CC**

X Must be purchased
separately!

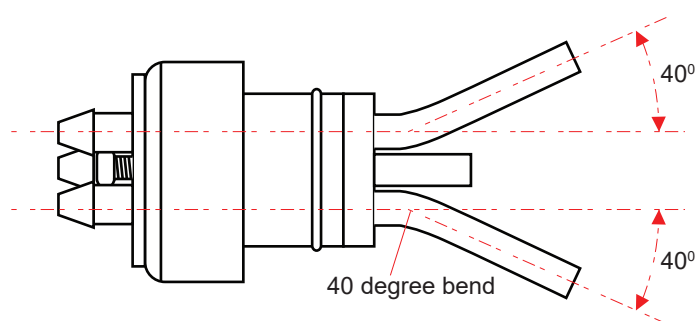


INSTALLING THE STOPPER





Cut off shaded portion



INSTALLING THE FUEL TANK

1. Using a modeling knife, cut one length of silicon fuel line (the length of silicon fuel line is calculated by how the weighted clunk should rest about 5mm away from the rear of the tank and move freely inside the tank). Connect one end of the line to the weighted clunk and the other end to the nylon pick up tube in the stopper.
2. Carefully bend the second nylon tube up at a 45 degree angle (using a cigarette lighter). This tube will be the vent tube to the muffler.
3. Carefully bend the third nylon tube down at a 45 degree angle (using a cigarette lighter). This tube will be vent tube to the fueling valve.



When the stopper assembly is installed in the tank, the top of the vent tube should rest just below the top surface of the tank. It should not touch the top of the tank.

4. Test fit the stopper assembly into the tank. It may be necessary to remove some of the flashing around the tank opening using a modeling knife. If flashing is present, make sure none of it falls into the tank.

5. When satisfied with the alignment of the stopper assembly tighten the 3mm x 20mm machine screw until the rubber stopper expands and seals the tank opening. Do not over tighten the assembly as this could cause the tank to split.

6. Using a modeling knife, cut 3 lengths of fuel line . Connect 2 lines to the 2 vent tubes and 1 line to the fuel pickup tube in the stopper.

7. Feed three lines through the fuel tank compartment and through the pre-drilled hole in the firewall. Pull the lines out from behind the engine, while guiding the fuel tank into place. Push the fuel tank as far forward as possible, the front of the tank should just about touch the back of the firewall.

Blow through one of the lines to ensure the fuel lines have not become kinked inside the fuel tank compartment. Air should flow through easily.



Do not secure the tank into place permanently until after balancing the airplane. You may need to remove the tank to mount the battery in the fuel tank compartment.

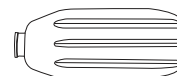
8. Secure the fuel tank.

Clunks

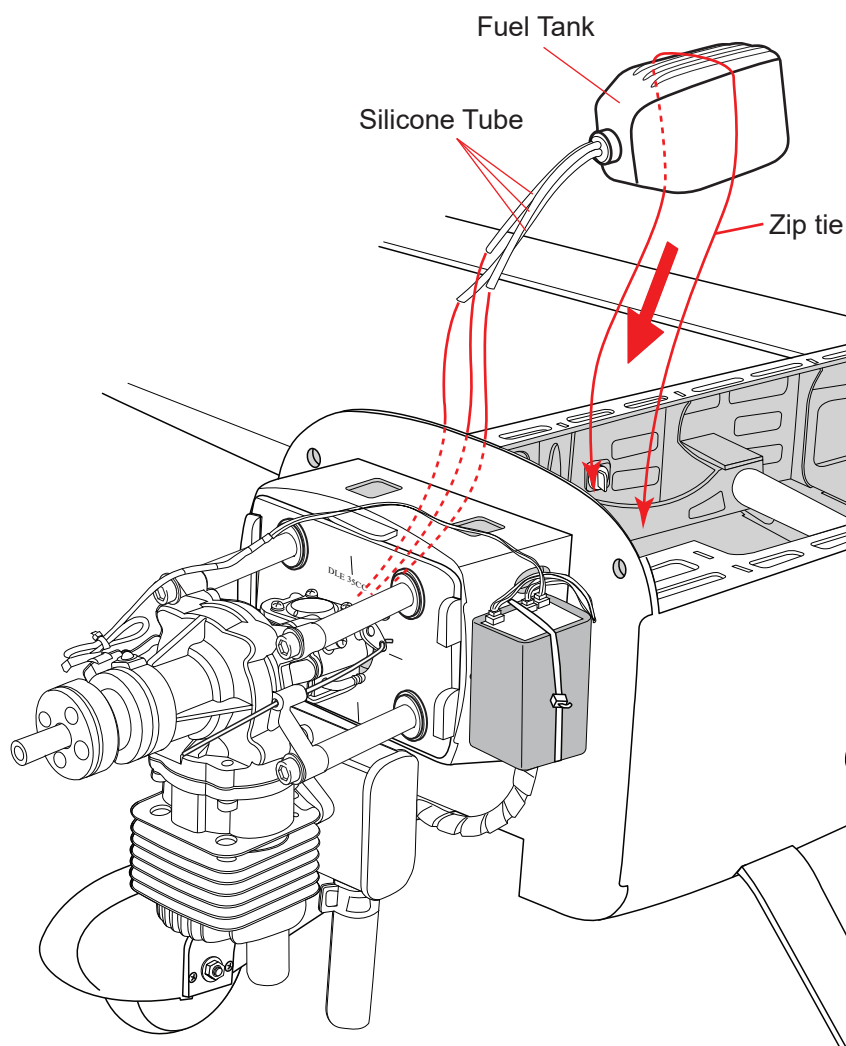


1

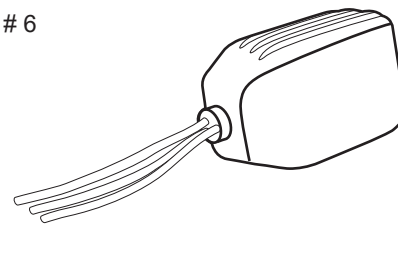
#6 Fuel Tank



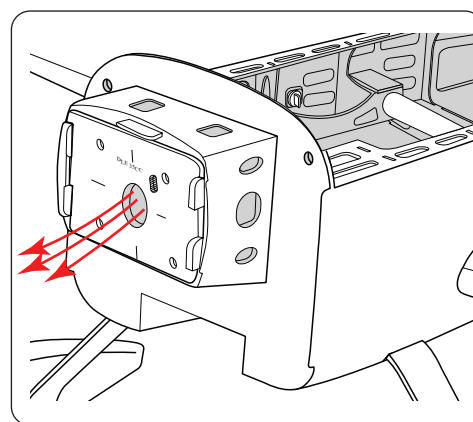
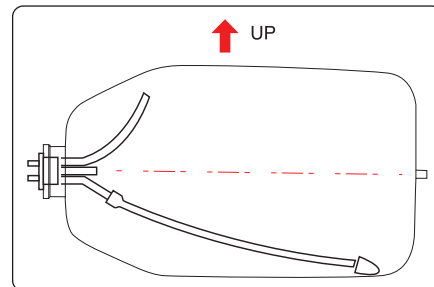
1



6



UP



INSTALLING THE THROTTLE

1. Plug the throttle servo into the receiver and turn on the radio system. Check to ensure that the throttle servo output shaft is moving in the correct direction. When the throttle stick is moved forward from idle to full throttle, the throttle barrel should also open and close using this motion. If not, reverse the direction of the servo, using the transmitter.



Cut off shaded portion



Must be purchased separately!



Ensure smooth, non-binding movement when assembling

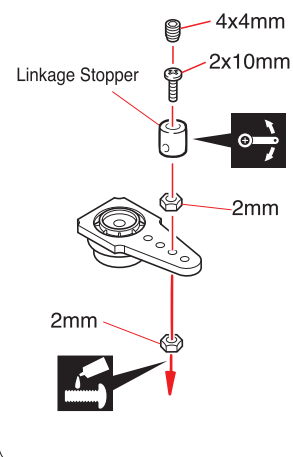
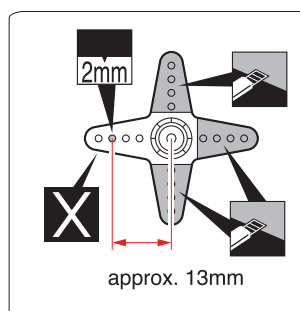


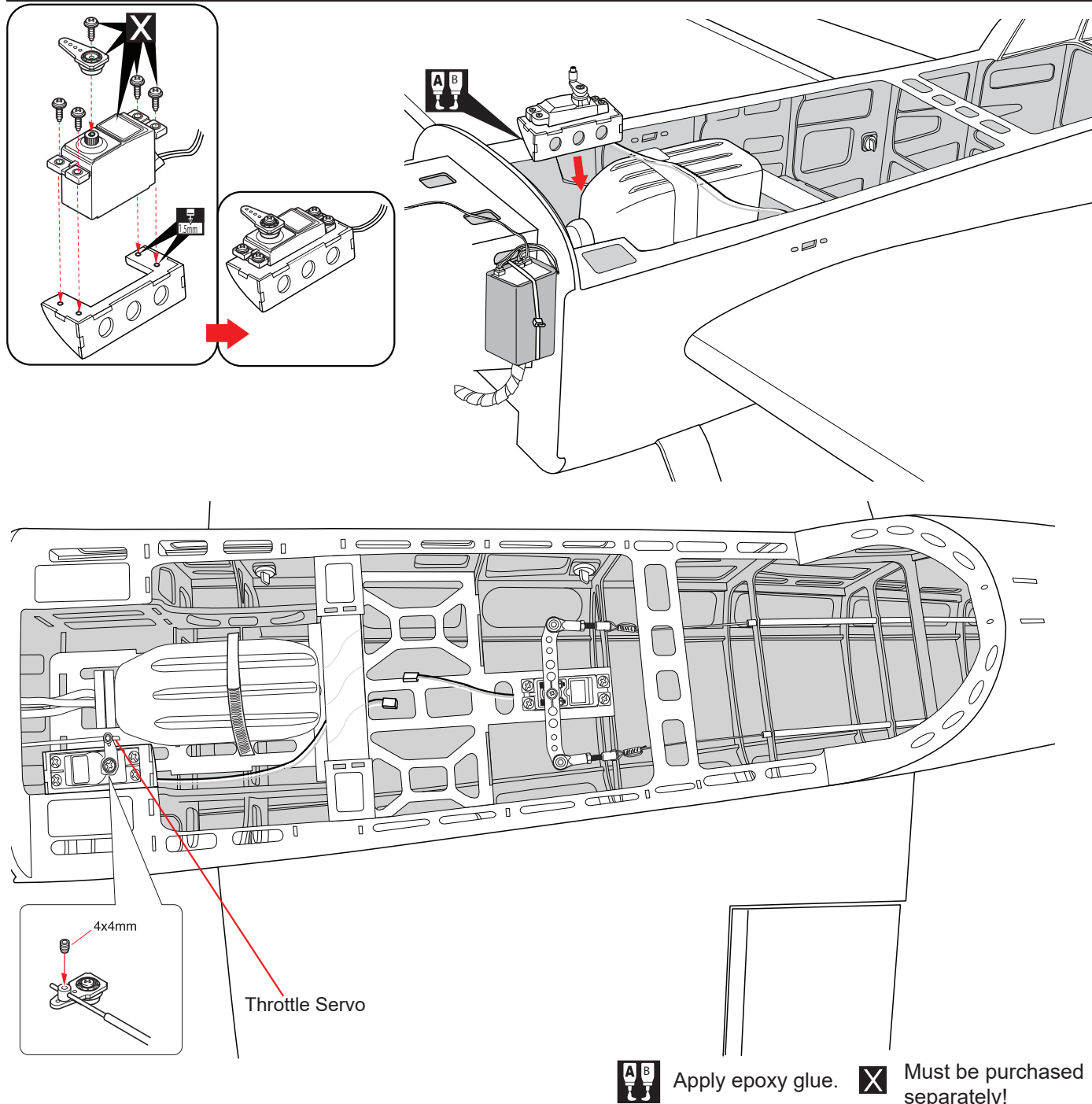
Apply threadlocker (screw cement).

Connector



1





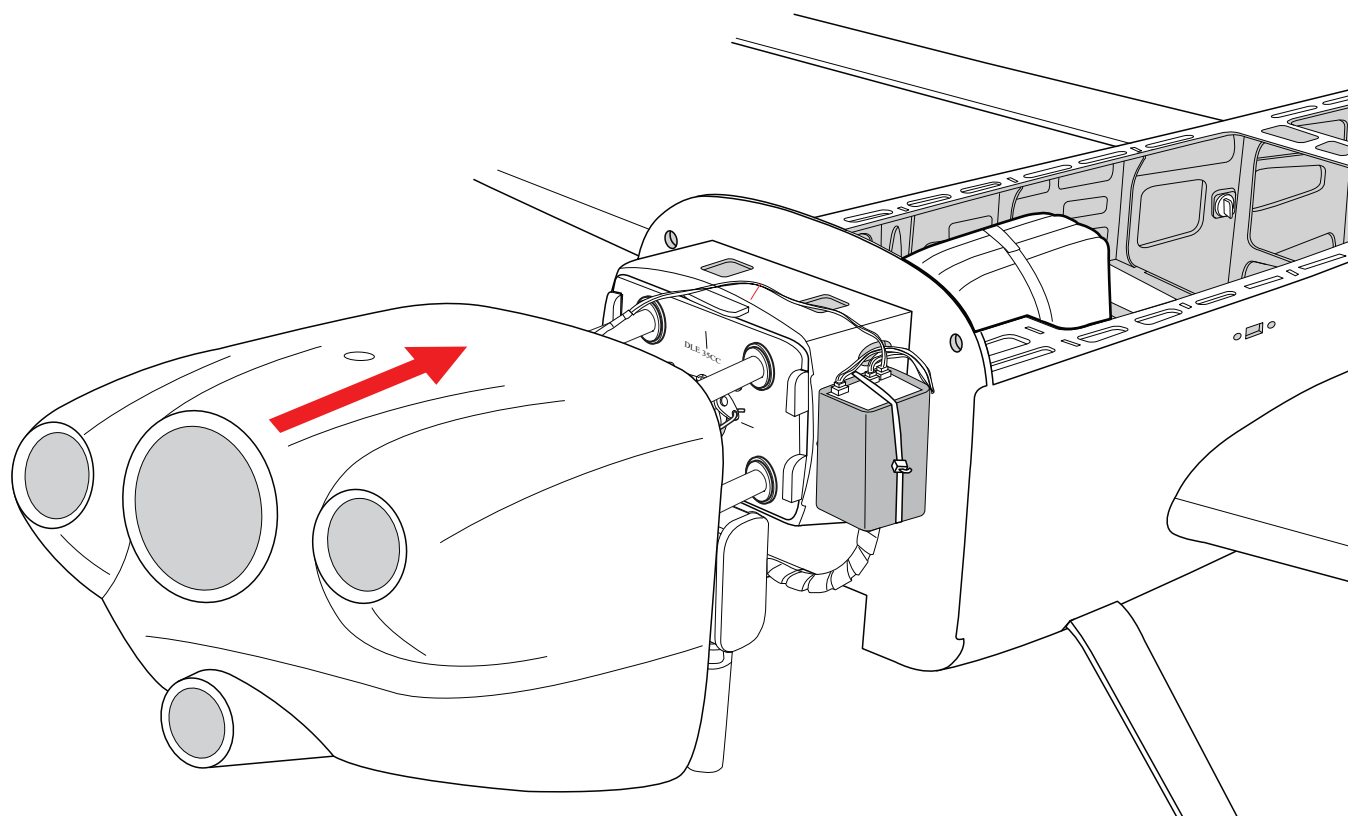
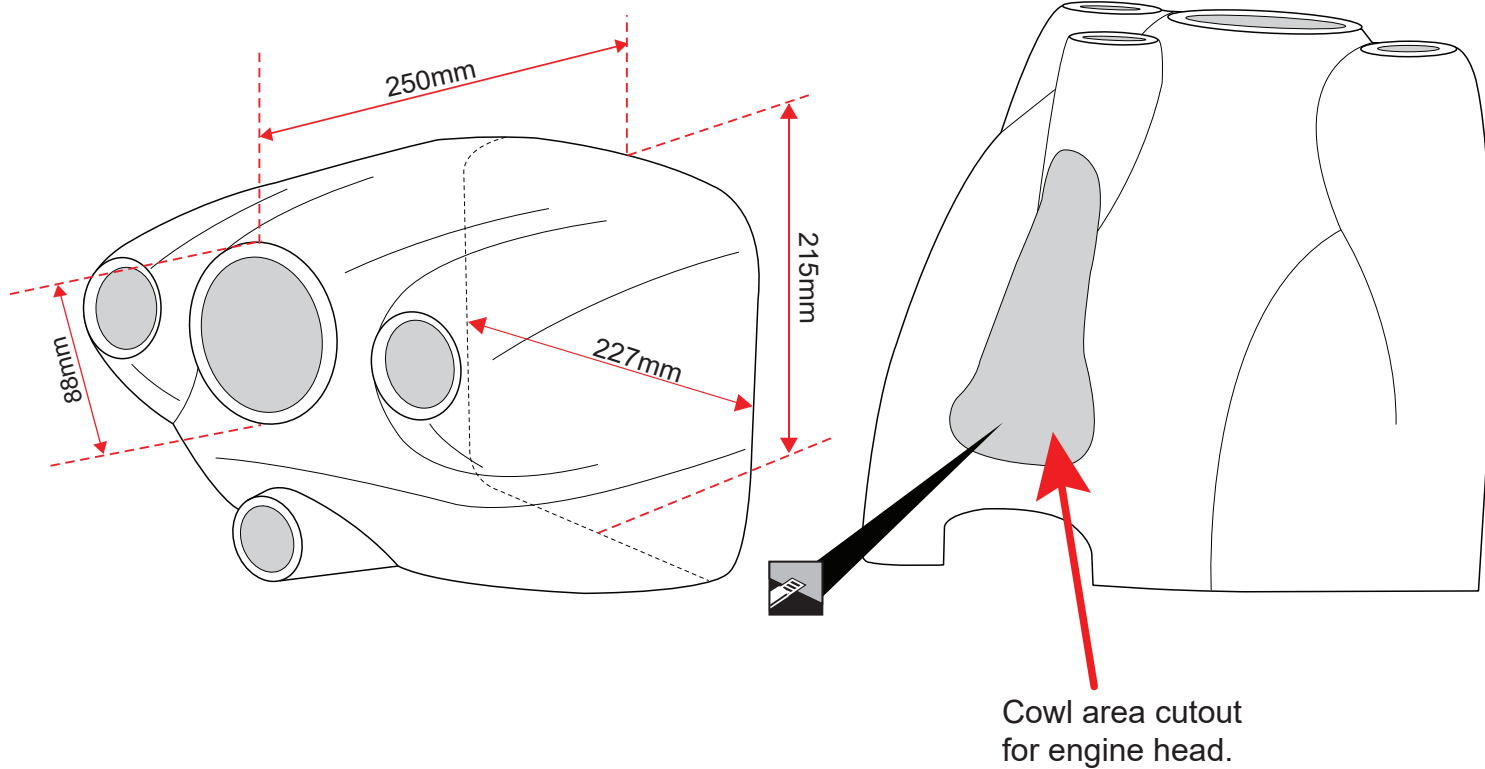
MOUNTING THE COWL

1. Remove the muffler and needle valve assembly from the engine. Slide the fiberglass cowl over the engine.
 2. Measure and mark the locations to be cut out for engine head clearance, needle valve, muffler. Remove the cowl and make these cutouts using a rotary tool with a cutting disc and a rotary sanding drum attachment.
 3. Slide the cowl back into place. Align the front of the cowl with the crankshaft of the engine. The front of the cowl should be positioned so the crankshaft is in the middle of the precut opening. Hold the cowl firmly in place using several pieces of masking tape.
 4. While holding the cowl firmly in position, drill four 1,6mm pilot holes through both the cowl and the side edges of the firewall.
 5. Using a 3mm drill bit, enlarge the four holes in the cowl.
- !** *Enlarging the holes through the cowl will prevent the fiberglass from splitting when the mounting screws are installed.*
6. Slide the cowl back over the engine and secure it in place using four screws.
 7. Install the muffler. Connect the fuel and pressure lines to the carburator, muffler and fuel filler valve. Tighten the screws completely.

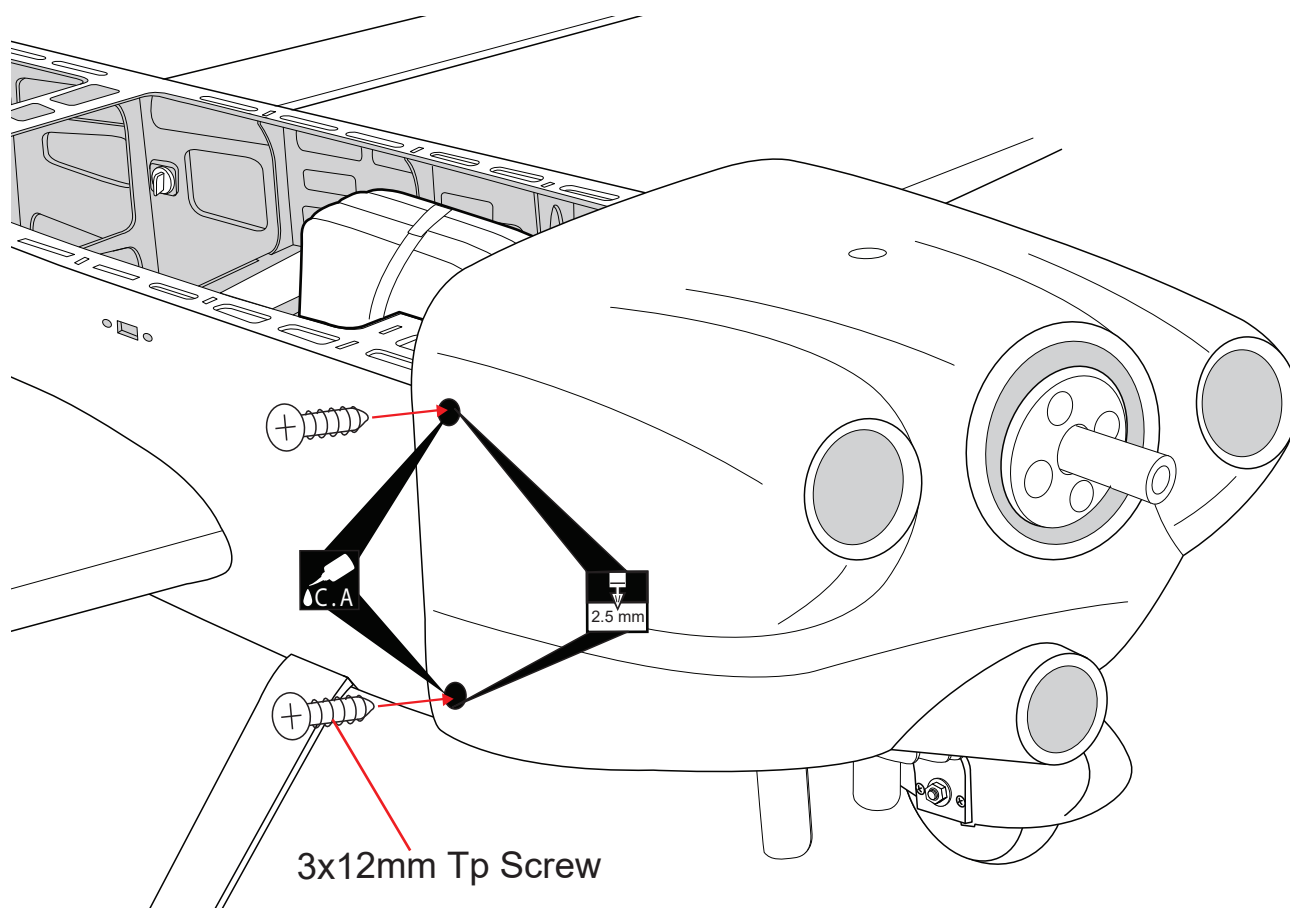
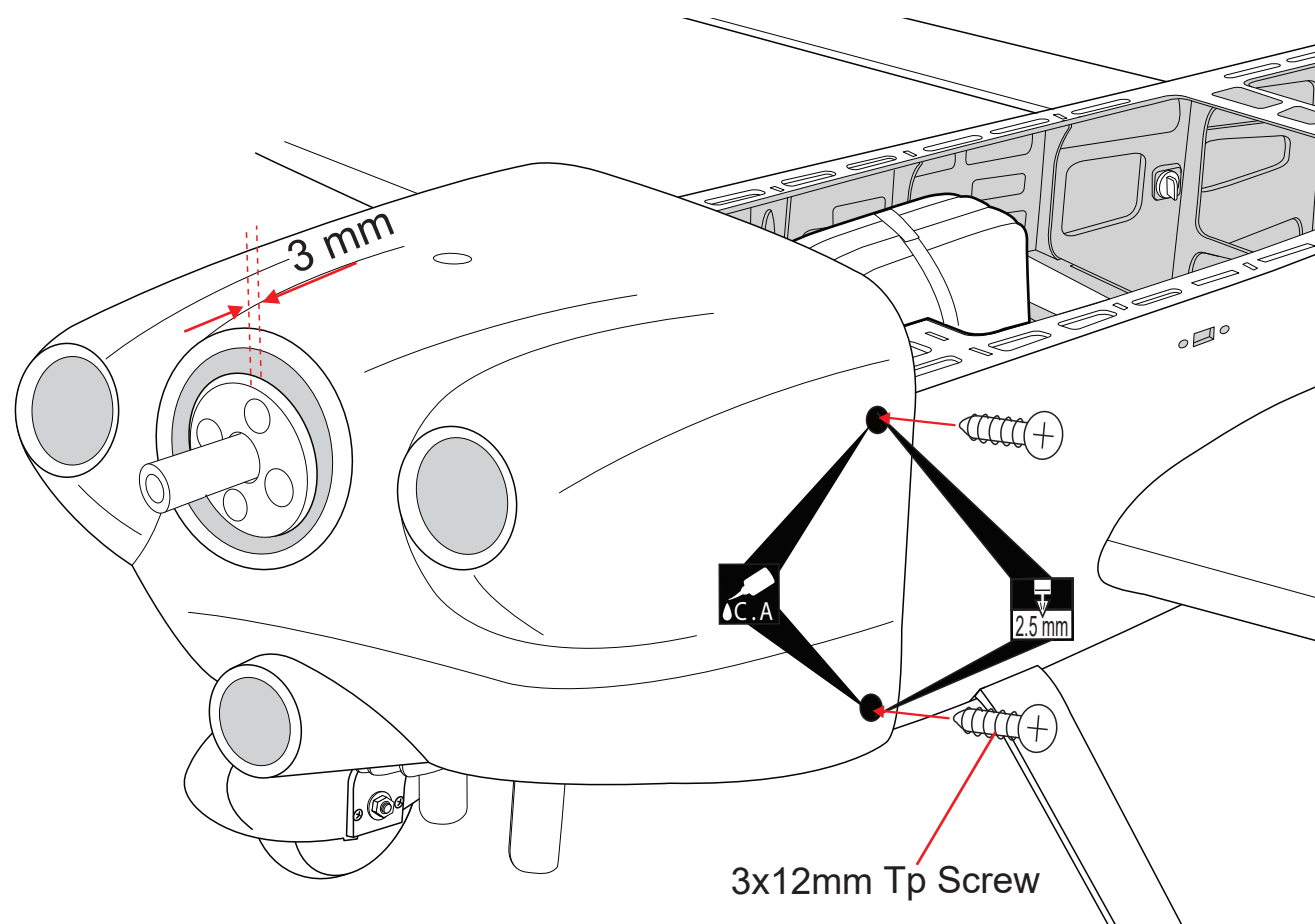
3 x 12mm TP Screw



4



Cut off shaded portion



INSTALLING THE SPINNER

Install the spinner back-plate, propeller and spinner cone.

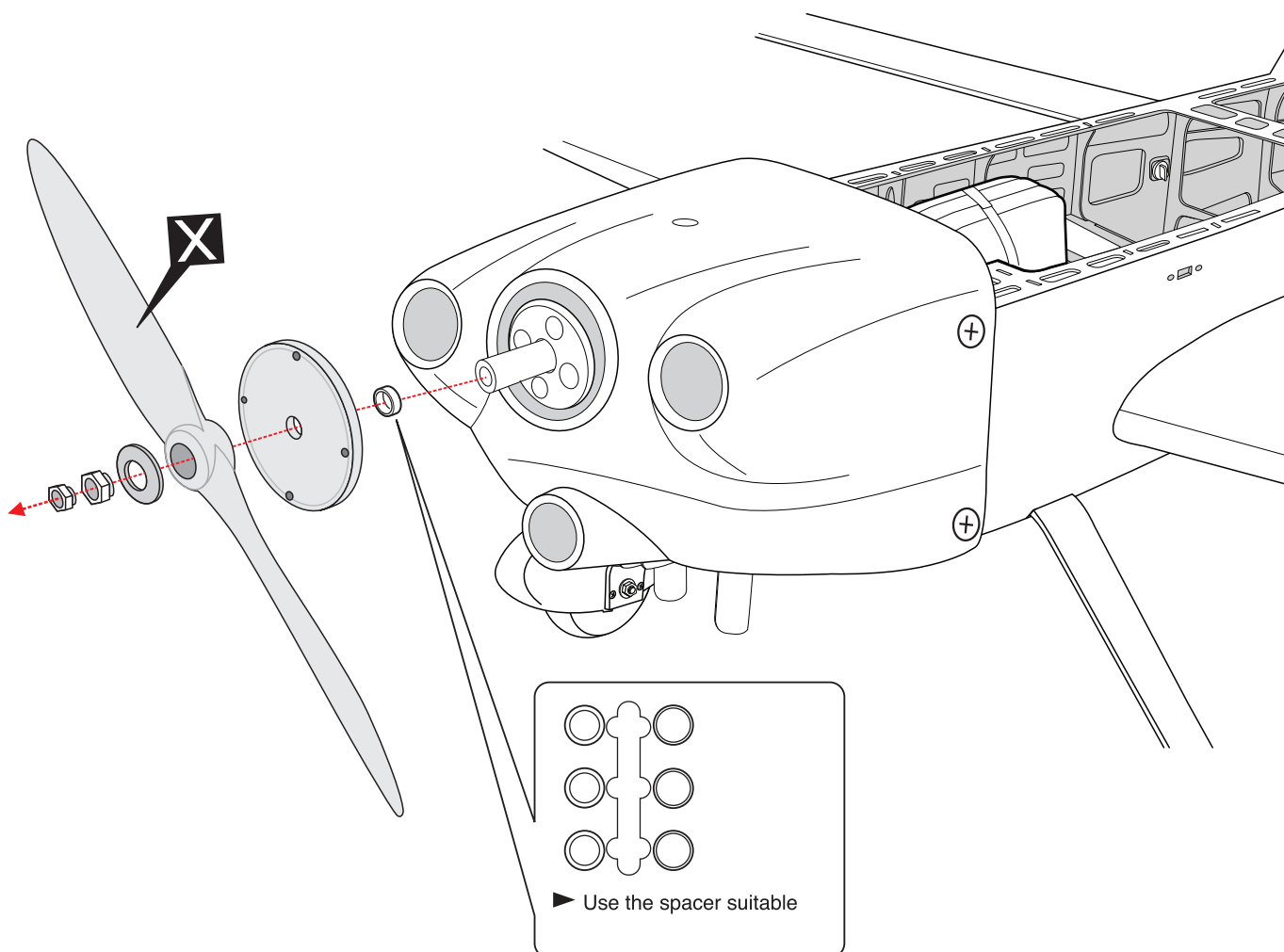
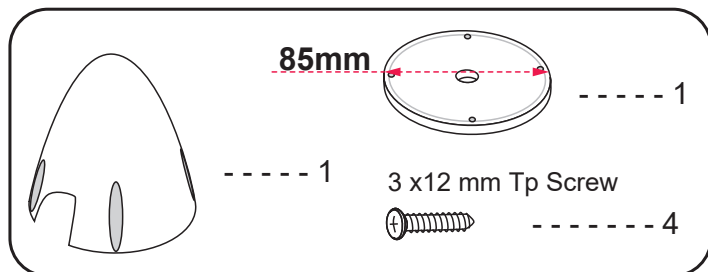


The propeller should not touch any part of the spinner cone. If it does, use a sharp modeling knife and carefully trim away the spinner cone where the propeller comes in contact with it.

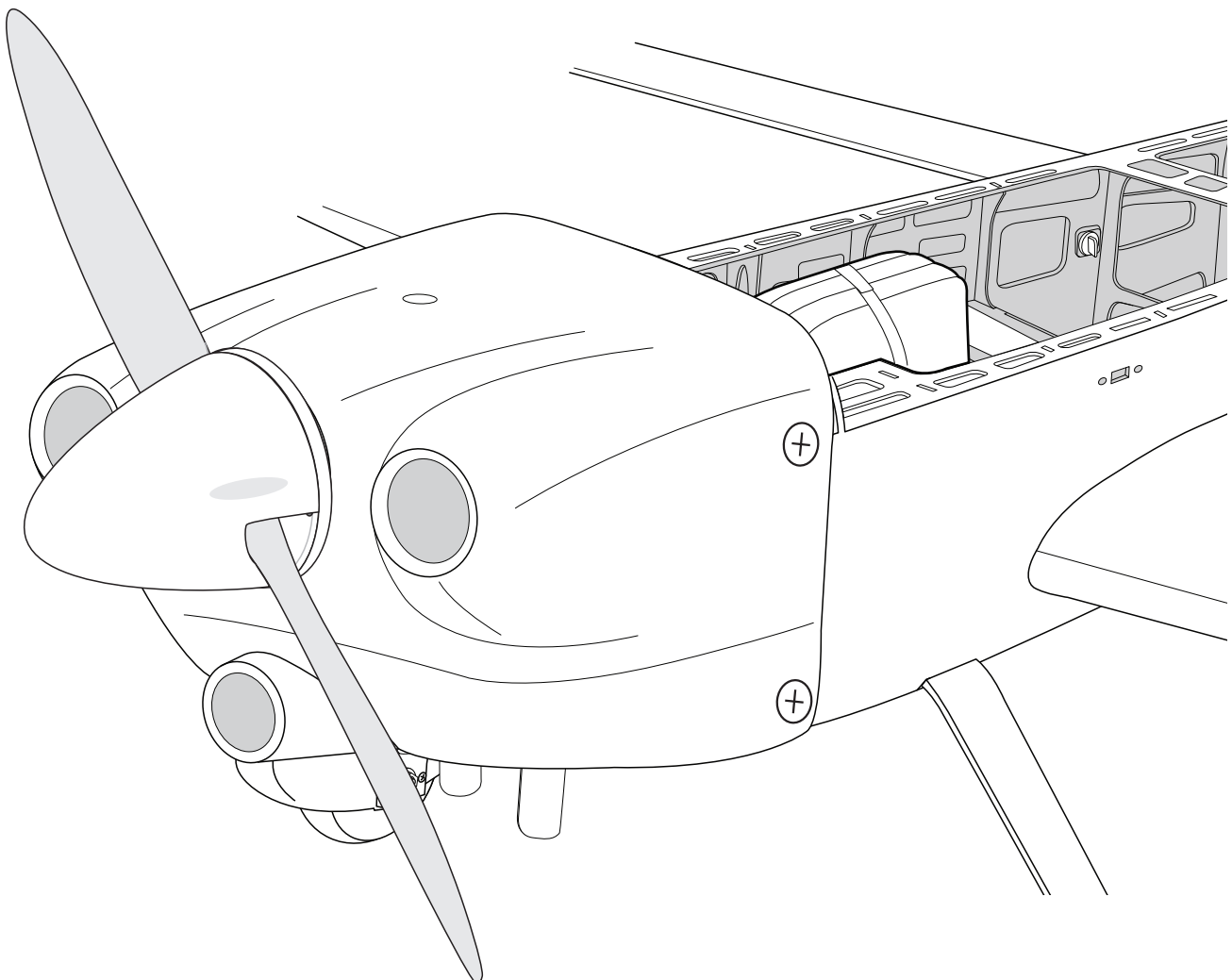
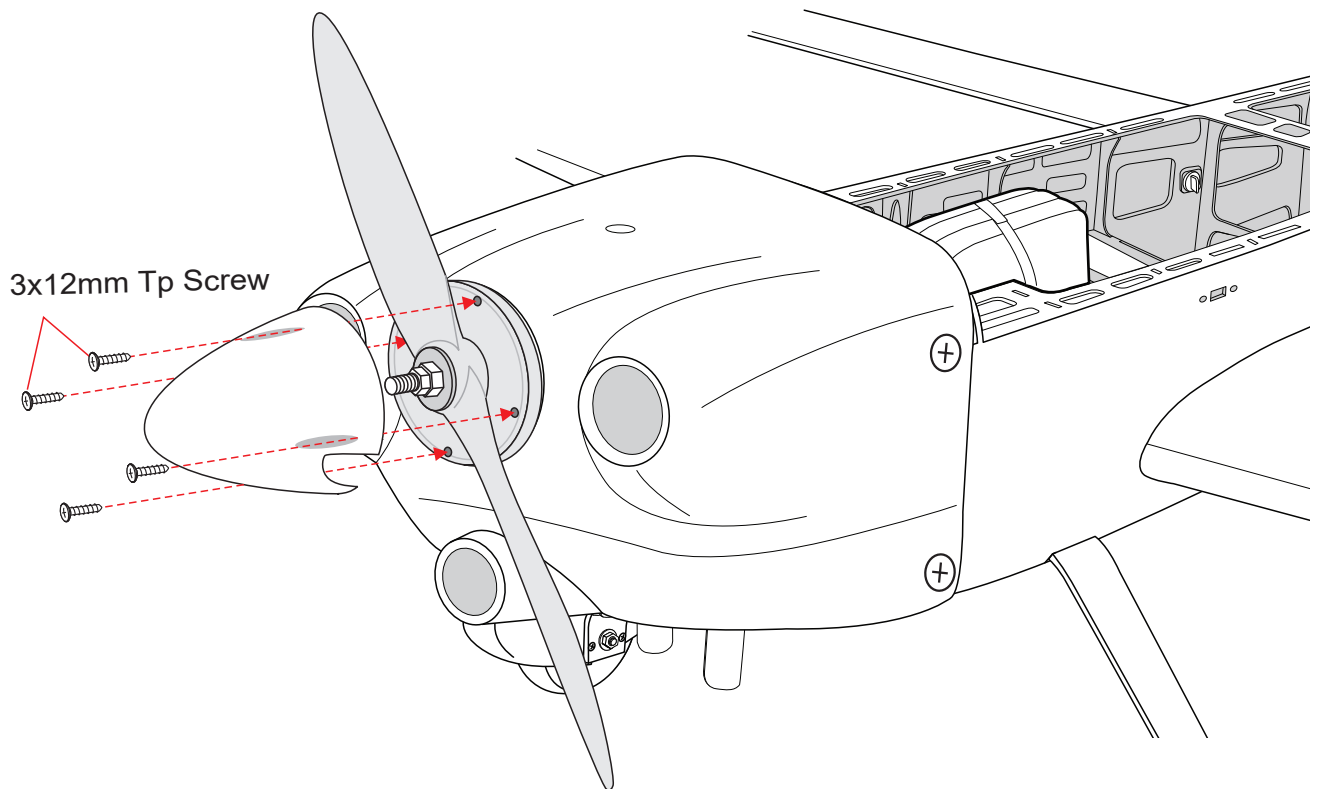


Warning!

- Securely tighten the nut holding the propeller for it not come off when the motor is spinning. If coming off, there is a high risk of injury!
- Always ensure propeller and spinner are balanced. If unbalanced, vibration may result at high rotation and cause damage or injury.



Must be purchased separately!

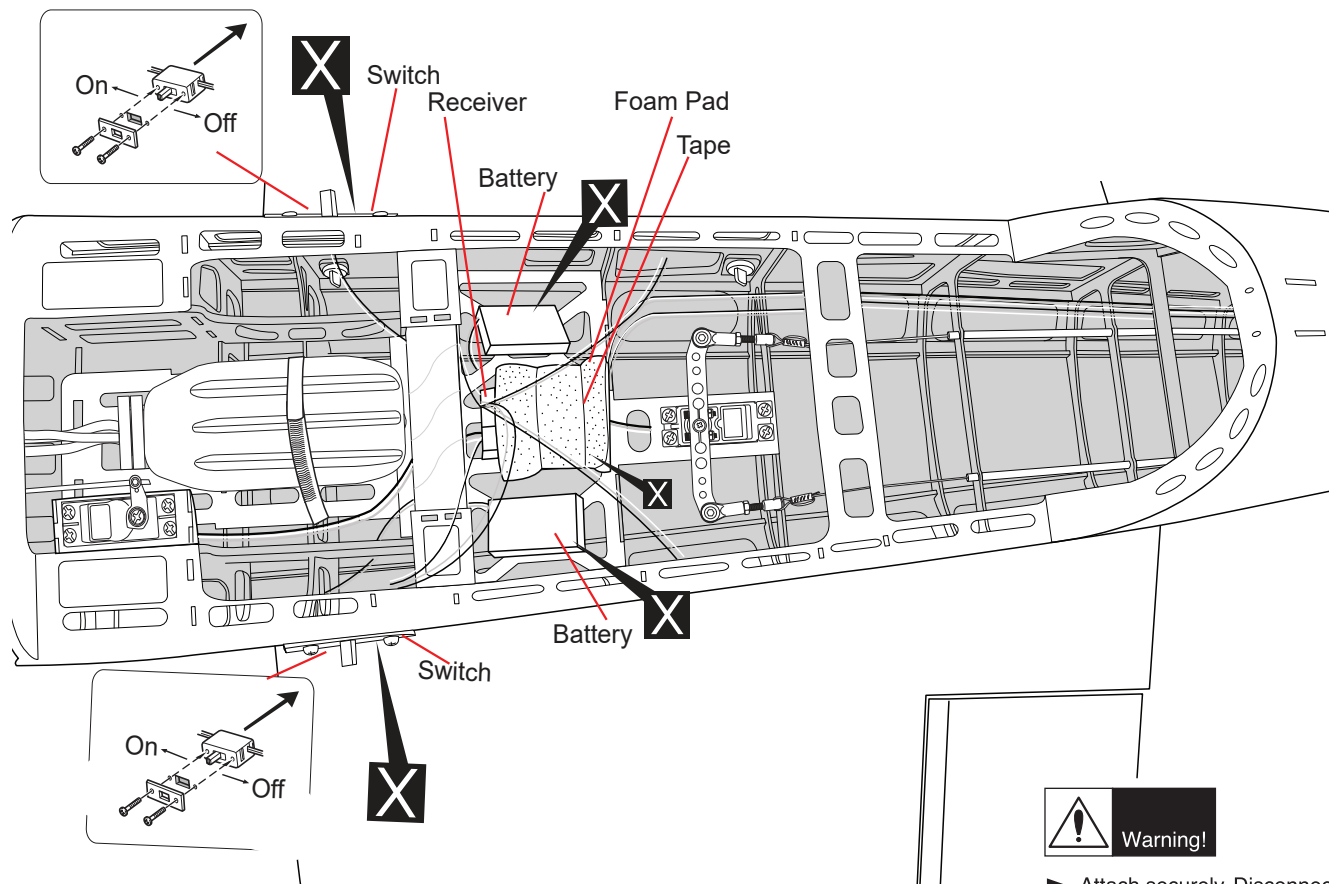


INSTALLING THE RECEIVER AND BATTERY

1. Plug the servo leads and the switch lead into the receiver. You may want to plug an aileron extension into the receiver to make plugging in the aileron servo lead easier when you are installing the wing. Plug the battery pack lead into the switch.
2. Wrap the receiver and battery pack in the protective foam to protect them from vibration. Use a rubber band or masking tape to hold the foam in place.



Do not permanently secure the receiver and battery until after balancing the model.

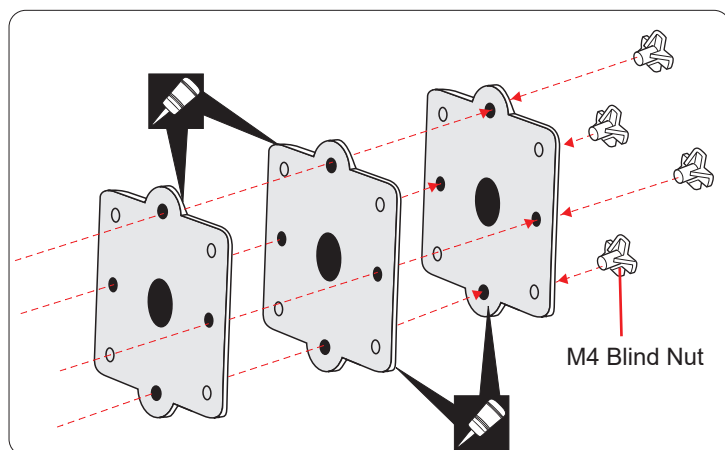


X Must be purchased separately!

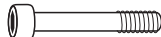


Warning!

► Attach securely. Disconnection during flight will cause loss of control and may result in an accident

INSTALLING THE ELECTRIC MOTOR (EP VERSION)

4 x 60mm Socket Head Cap Screw



10 x 40mm Aluminium



4

4mm Flat Washer



4

4mm Spring Washer



4

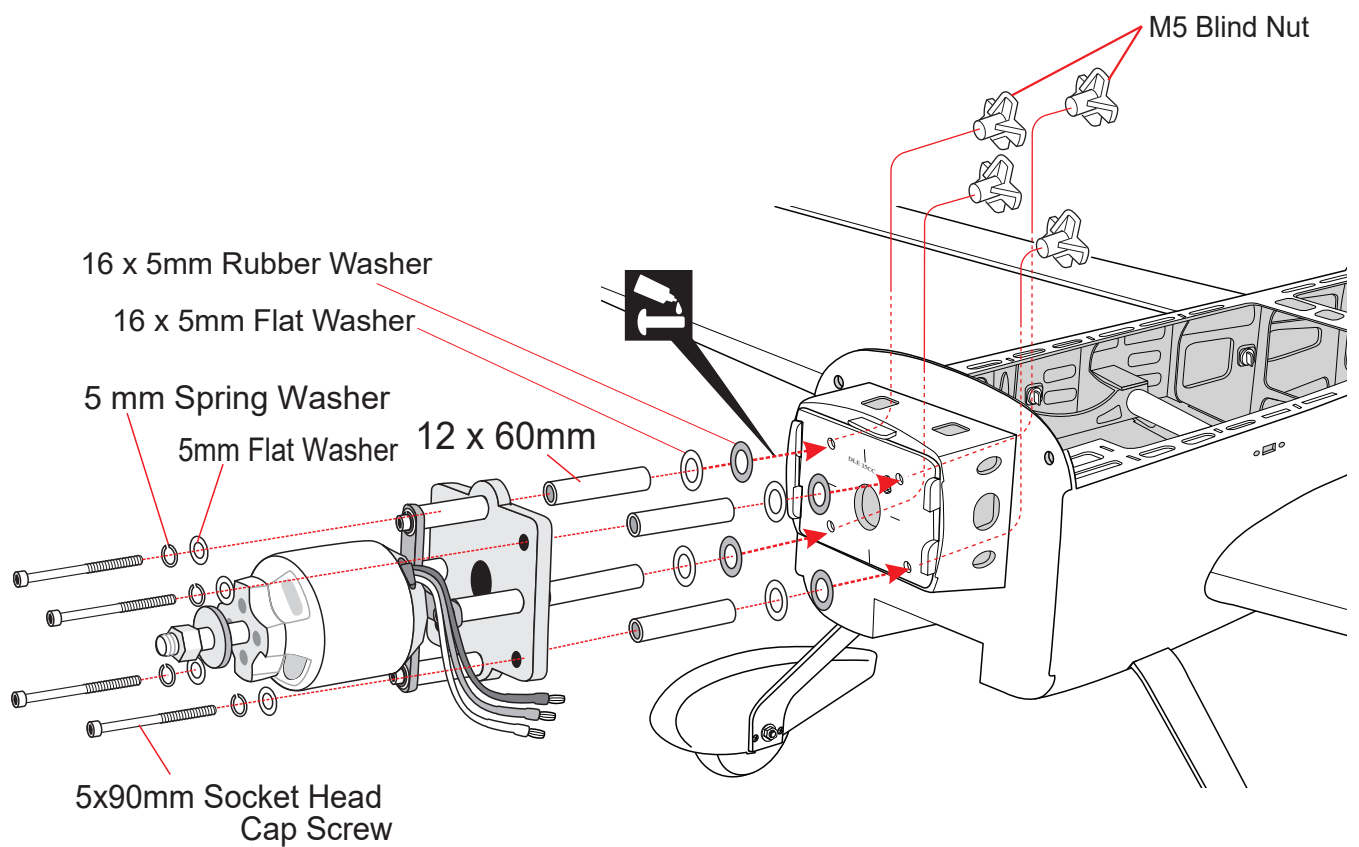
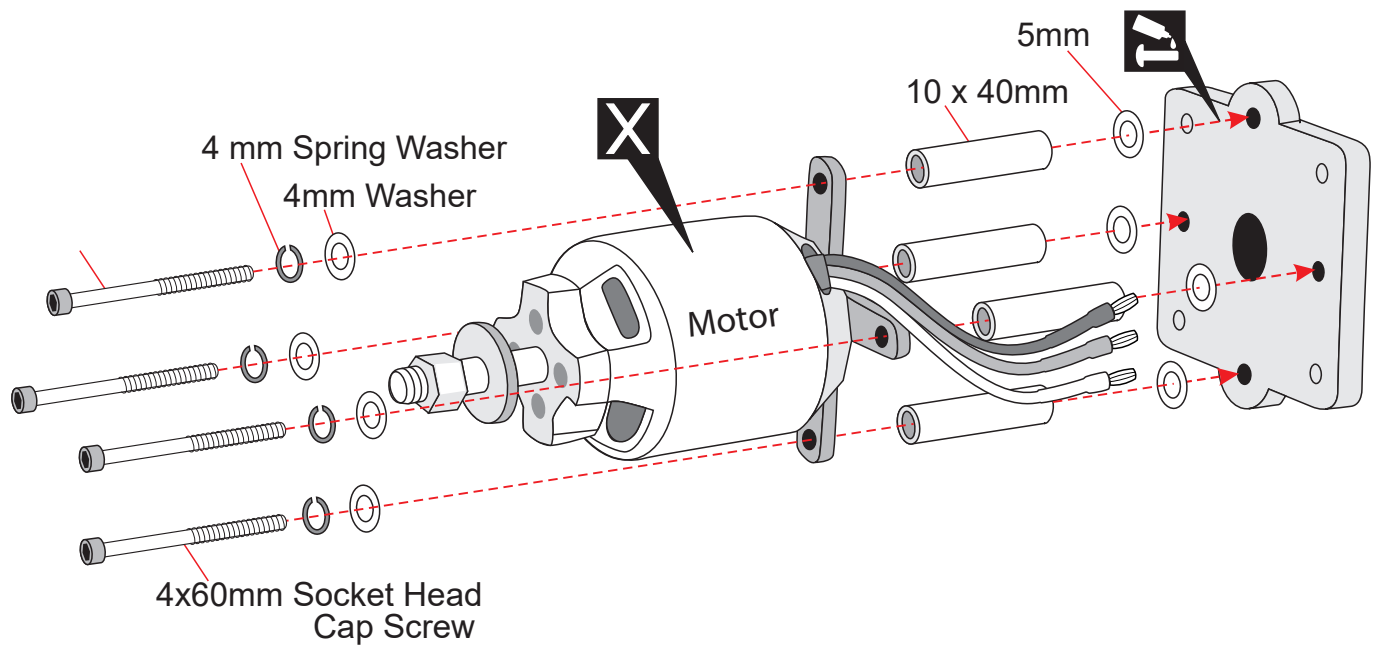
M4 Blind Nut



4

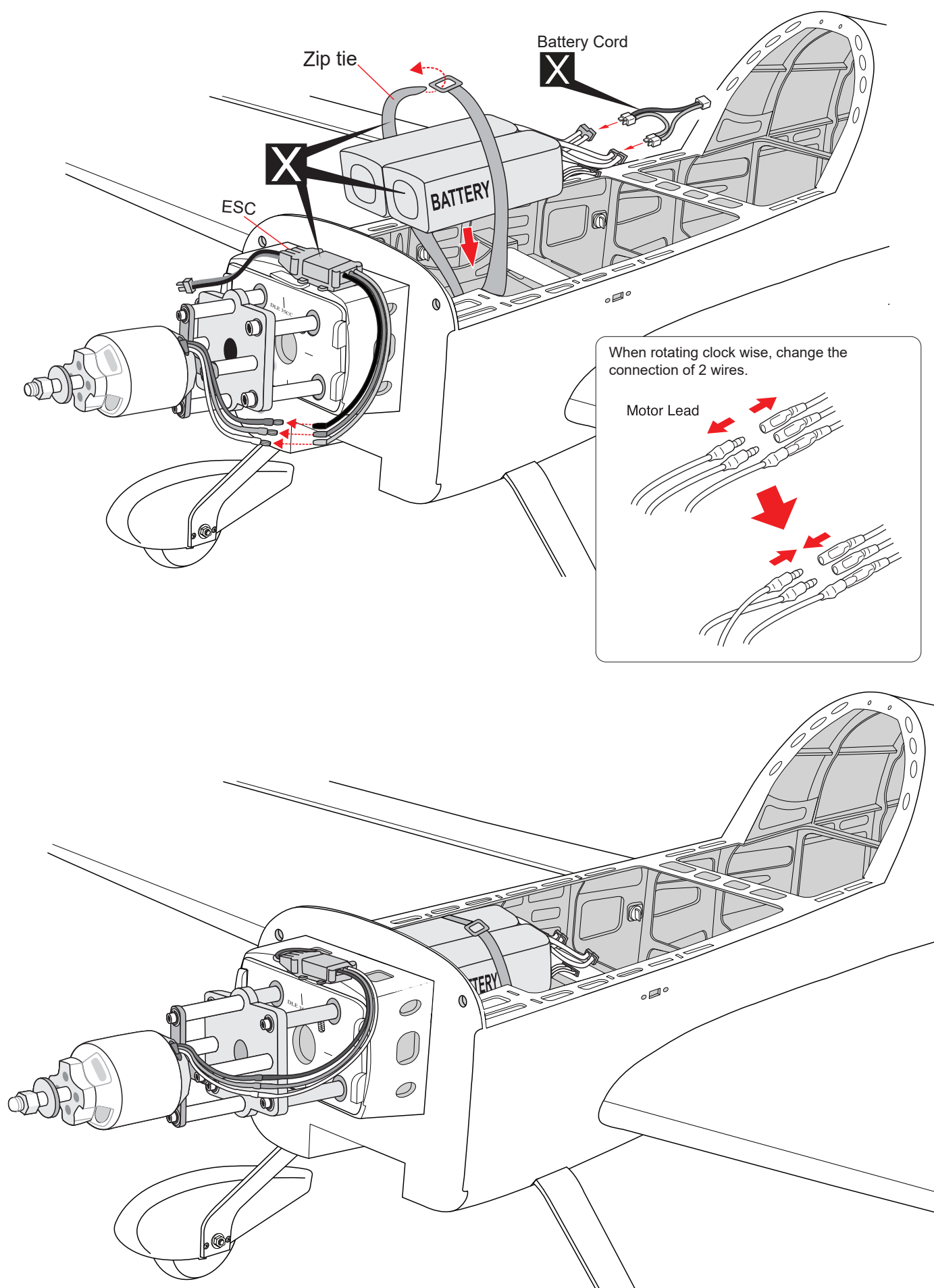


White glue



X Must be purchased separately!

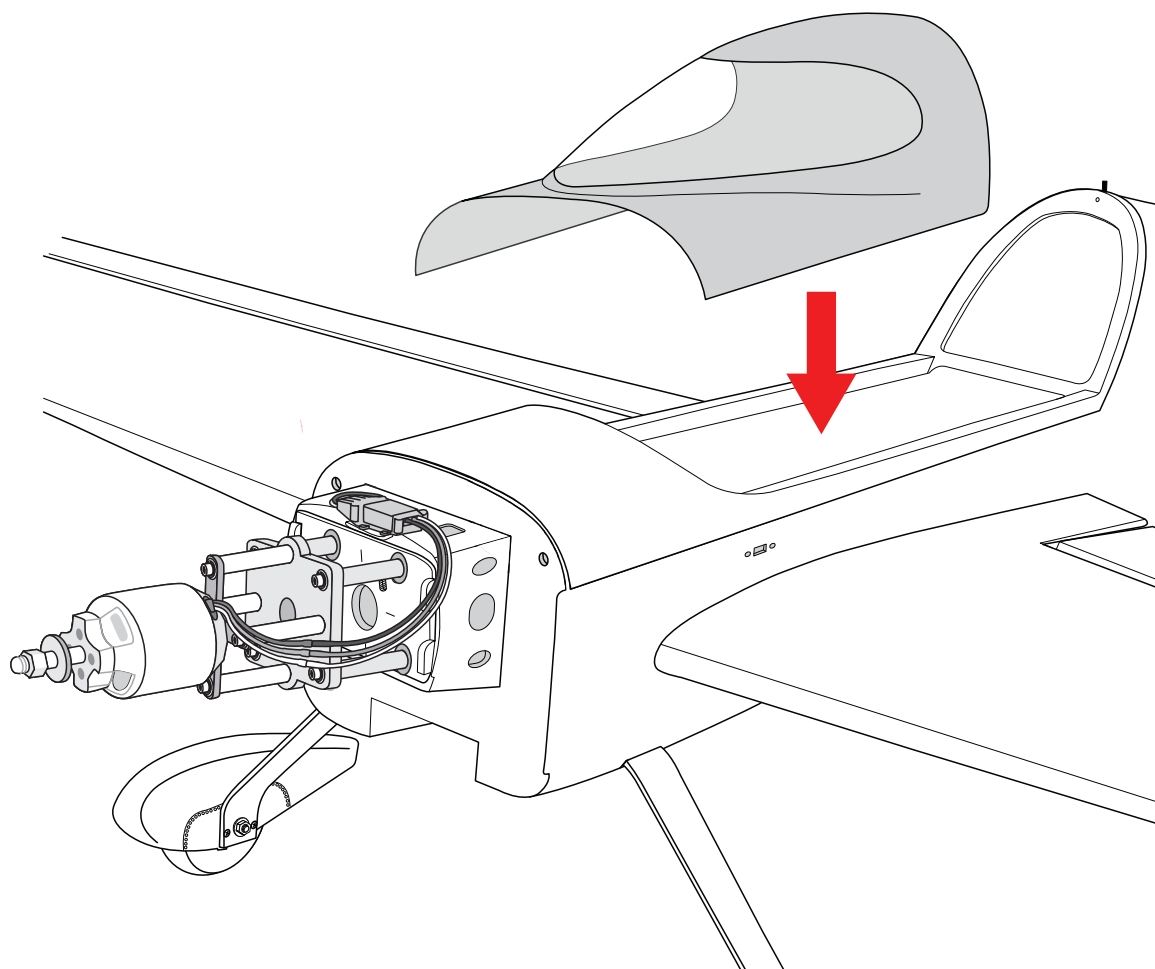
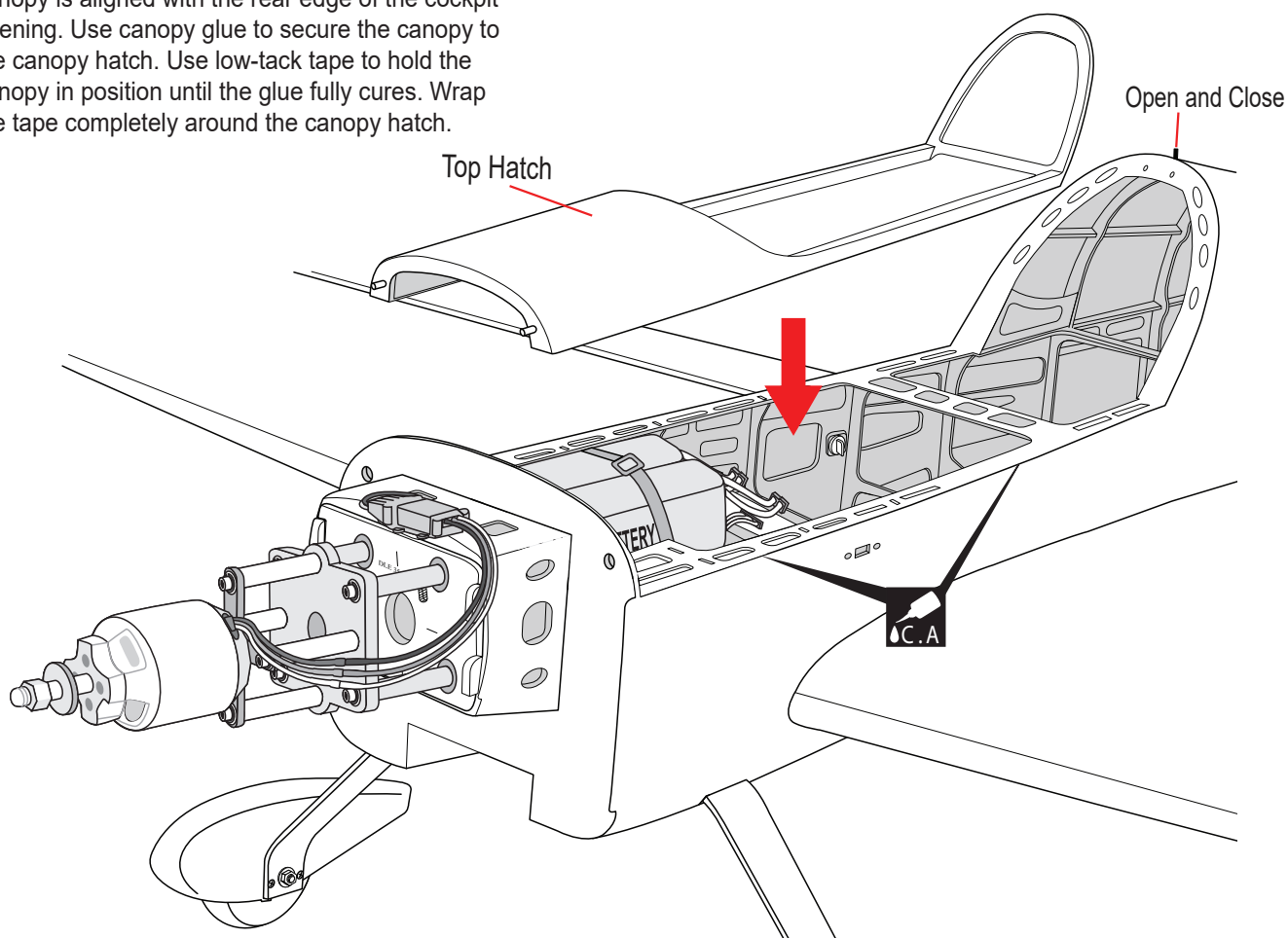
! Apply threadlocker (screw cement).

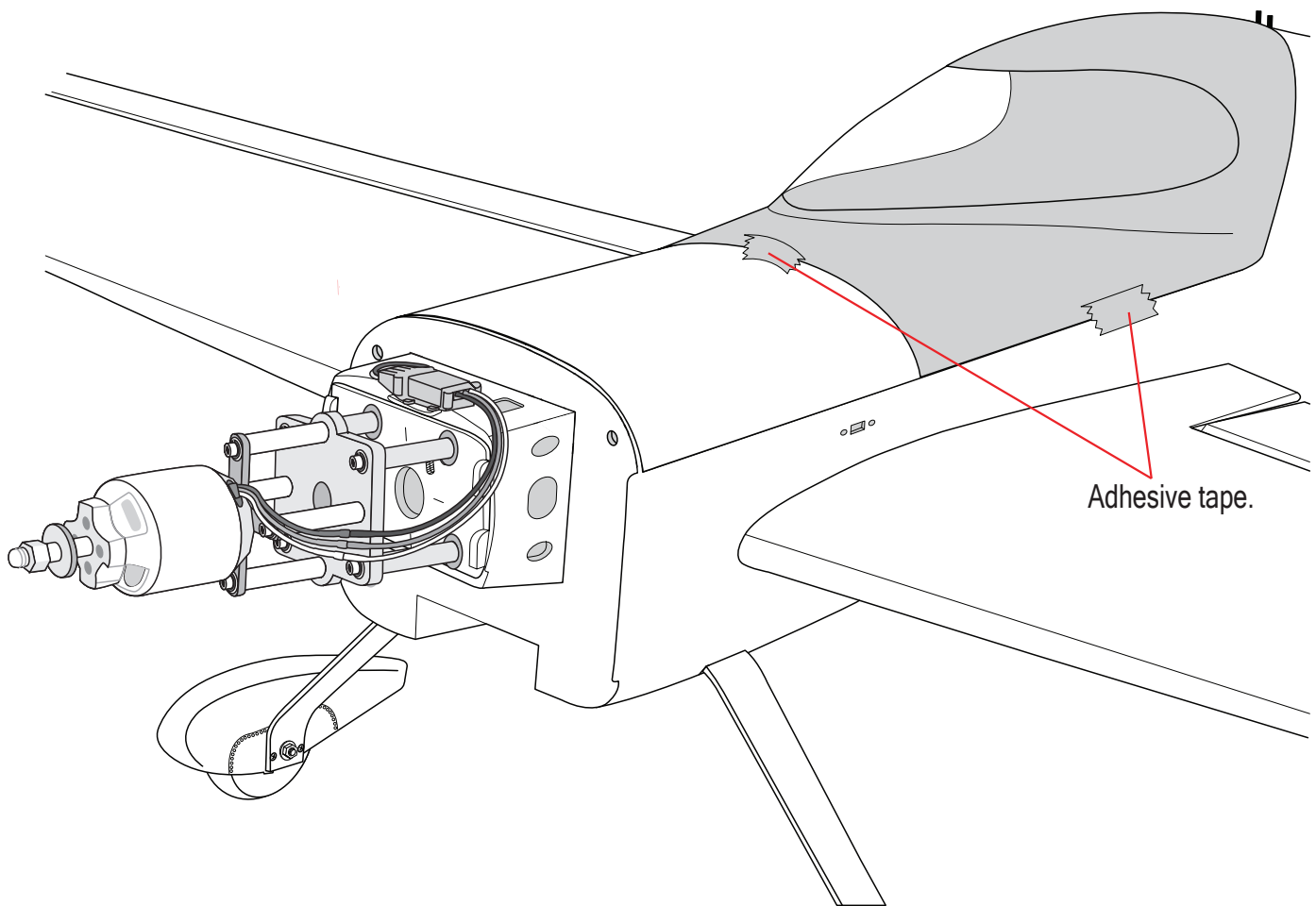


X Must be purchased separately!

INSTALLING CANOPY FUSELAGE

Position the canopy so the rear frame on the canopy is aligned with the rear edge of the cockpit opening. Use canopy glue to secure the canopy to the canopy hatch. Use low-tack tape to hold the canopy in position until the glue fully cures. Wrap the tape completely around the canopy hatch.





BALANCING

1. It is critical that your airplane be balanced correctly. Improper balance will cause your plane to lose control and crash.

THE CENTER OF GRAVITY IS LOCATED 160-165mm (6.3-6.5 in) BACK FROM THE LEADING EDGE OF THE WING, AT THE FUSELAGE. BALANCE A PLANE UPSIDE DOWN WITH THE FUEL TANK EMPTY.

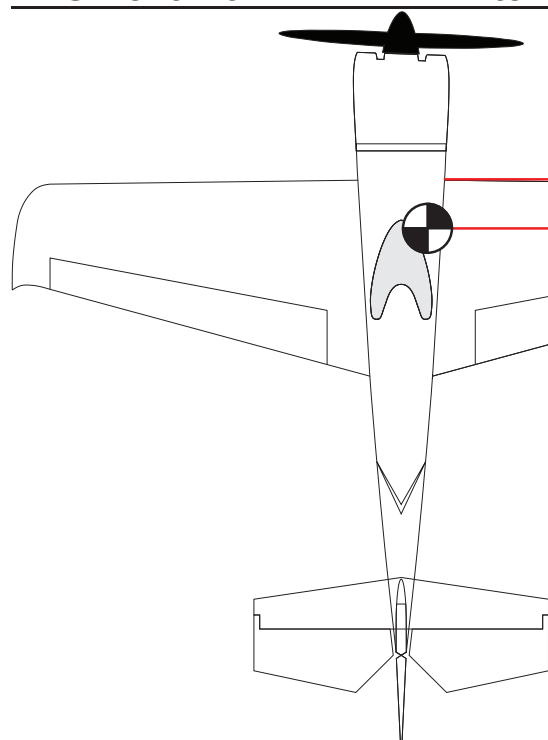
2. If the nose of the plane falls, the plane is nose heavy. To correct this first move the battery pack further back in the fuselage. If this is not possible or does not correct it, stick small amounts of lead weight on the fuselage under the horizontal stabilizer. If the tail of the plane falls, the plane is tail heavy. To correct this, move the battery and receiver forward or if this is not possible, stick weight into the firewall. When balanced correctly, the airplane should sit level or slightly nose down when you lift it up with your fingers.

LATERAL BALANCE



After you have balanced a plane on the C.G. You should laterally balance it. Doing this will help the airplane track straighter.

1. Turn the airplane upside down. Attach one loop of heavy string to the engine crankshaft and one to the tail wheel wire. With the wings level, carefully lift the airplane by the string. This may require two people to make it easier.
2. If one side of the wing falls, that side is heavier than the opposite. Add small amounts of lead weight to the bottom side of the lighter wing half's wing tip. Follow this procedure until the wing stays level when you lift the airplane.

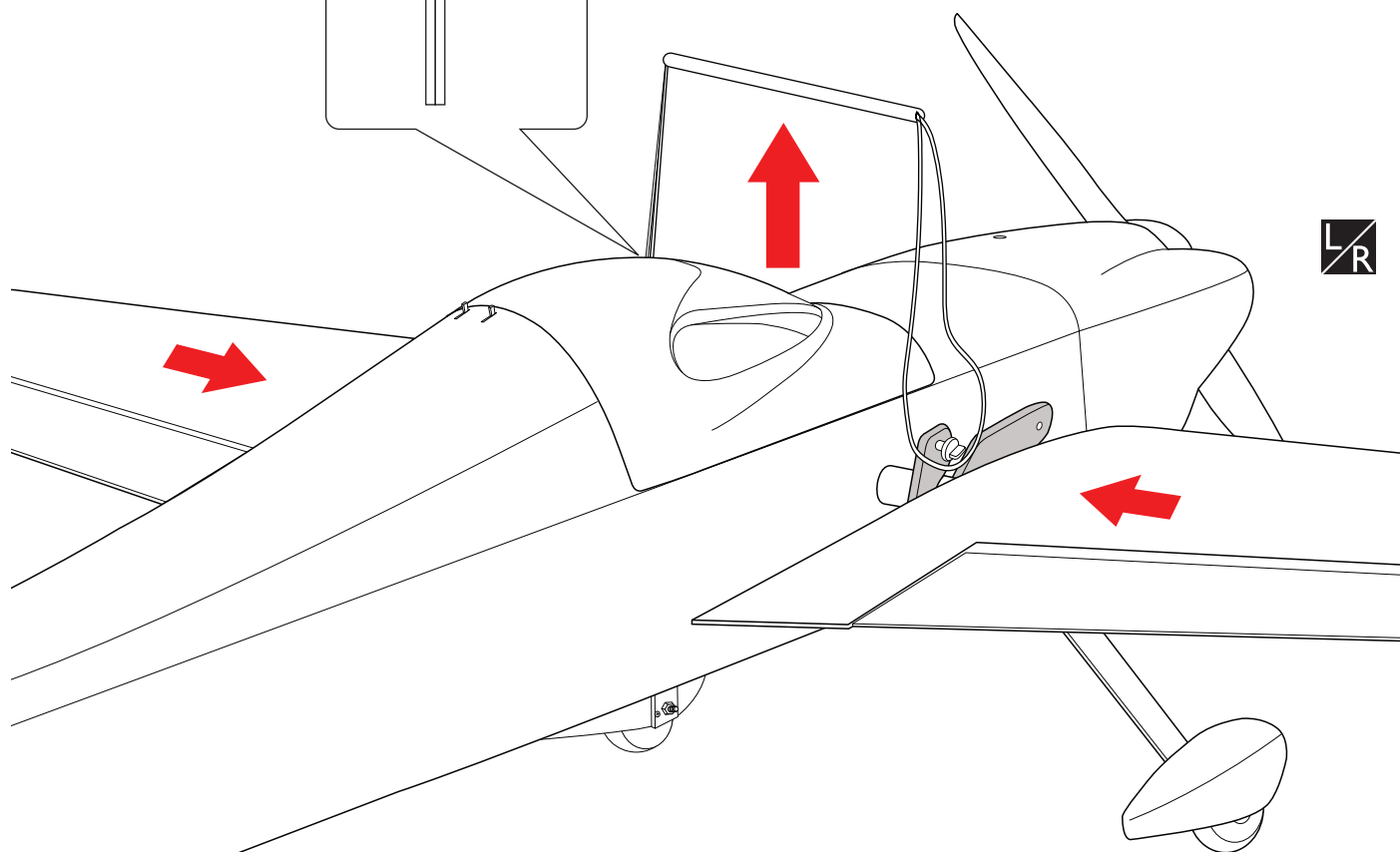
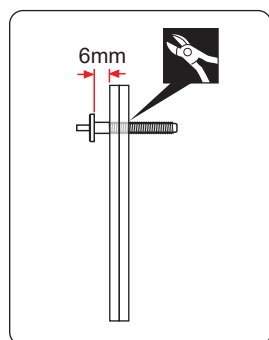
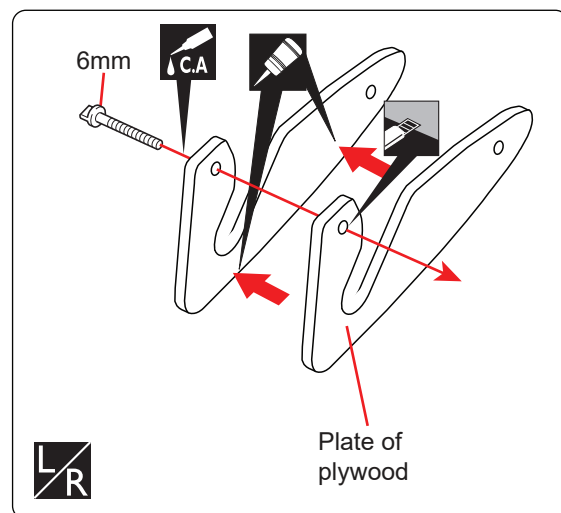
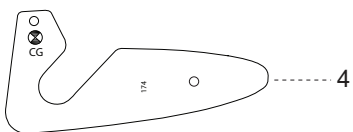


CG
160-165 mm
(6.3-6.5 in)

6 x 25mm Plastic Screw



Plate of plywood



Pay close attention here



Apply instant glue
(CA glue, super glue).



Cut off excess.



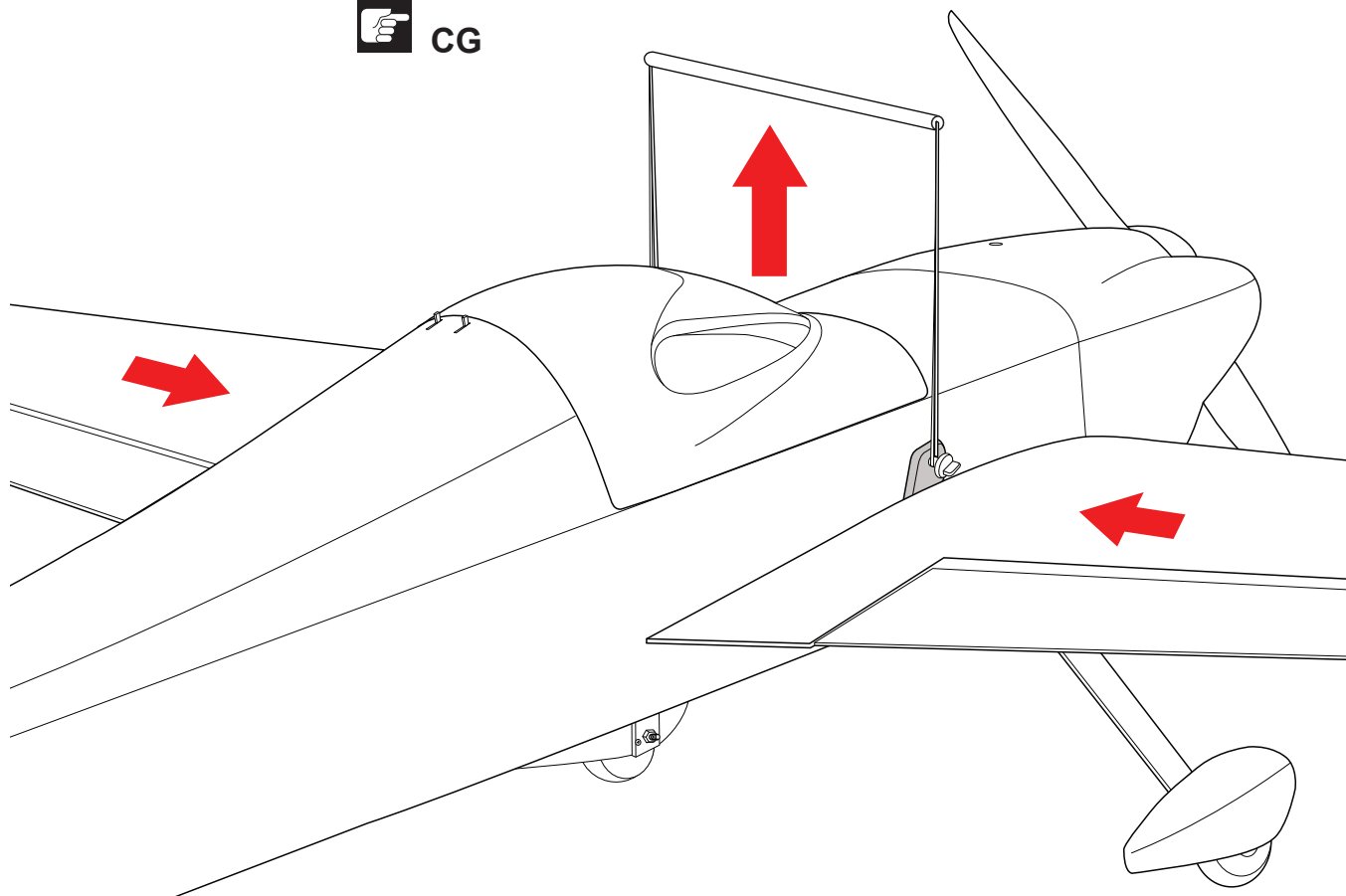
Assemble left and right
sides the same way



- In order to obtain the CG specified, reposition the receiver and other equipment.
- If not obtain the CG specified, add a weight and adjust.

**Warning!**

- Do not fly before confirming the correct location of the CG. If the CG is incorrect, you lose control of your airplane which leads to accidents.

**CG**

CONTROL THROWS

1. We highly recommend setting up a plane using the control throws listed.
2. The control throws should be measured at the widest point of each control surface.
3. Check to be sure the control surfaces move in the correct directions.

● LOW RATE

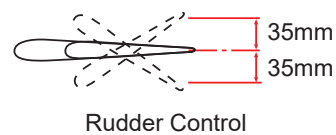
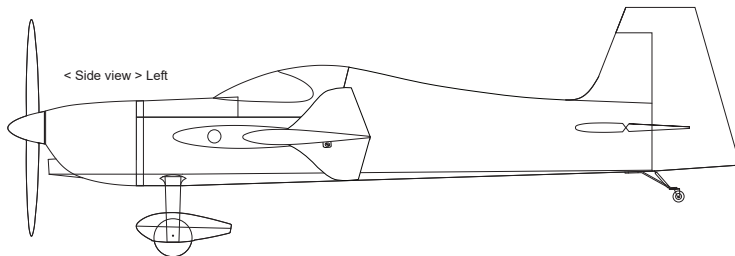
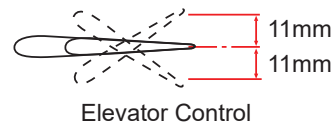
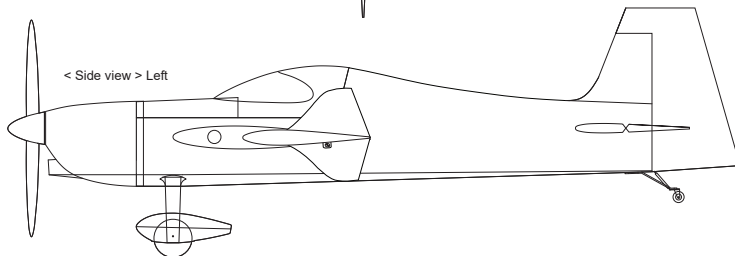
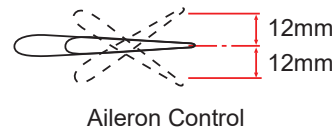
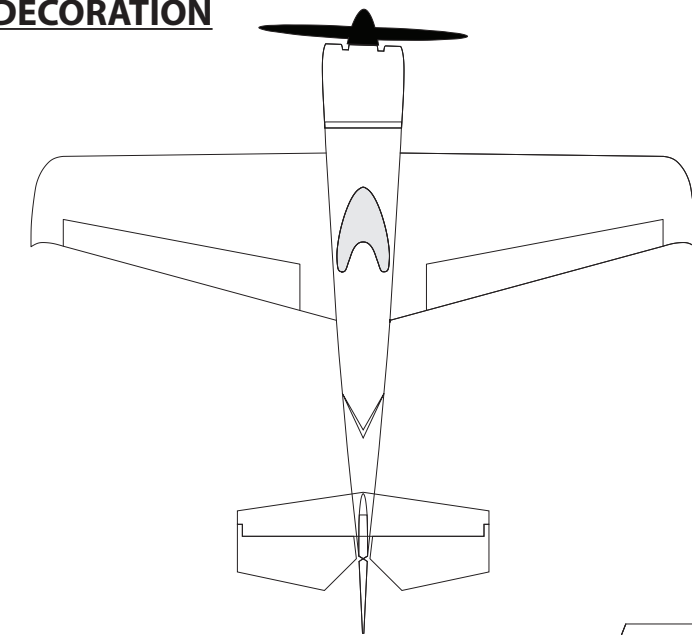
Ailerons : 12 mm up	12 mm down
Elevator : 11 mm up	11 mm down
Rudder : 35 mm right	35 mm left

● HIGH RATE

Ailerons : 15 mm up	15 mm down
Elevator : 15 mm up	15 mm down
Rudder : 60 mm right	60 mm left

FLIGHT PREPARATION PRE FLIGHT CHECK

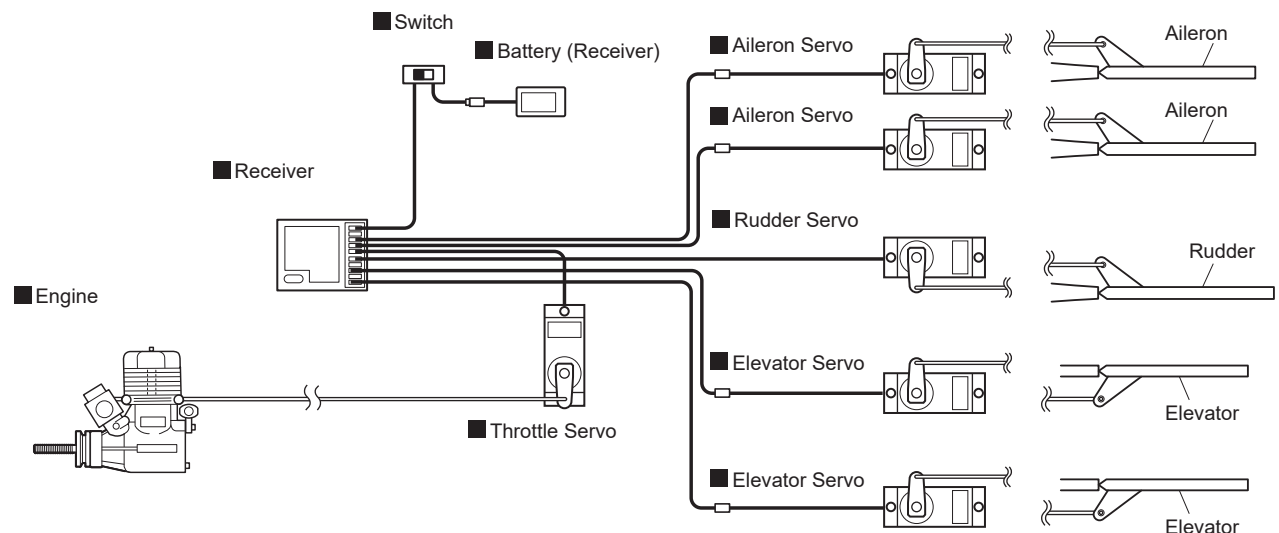
1. Completely charge your transmitter and receiver batteries before your first day of flying.
2. Check every bolt and every glue joint in your plane to ensure that everything is tight and well bonded.
3. Double check the balance of the airplane
4. Check the control surface
5. Check the receiver antenna . It should be fully extended and not coiled up inside the fuselage.

DECORATION

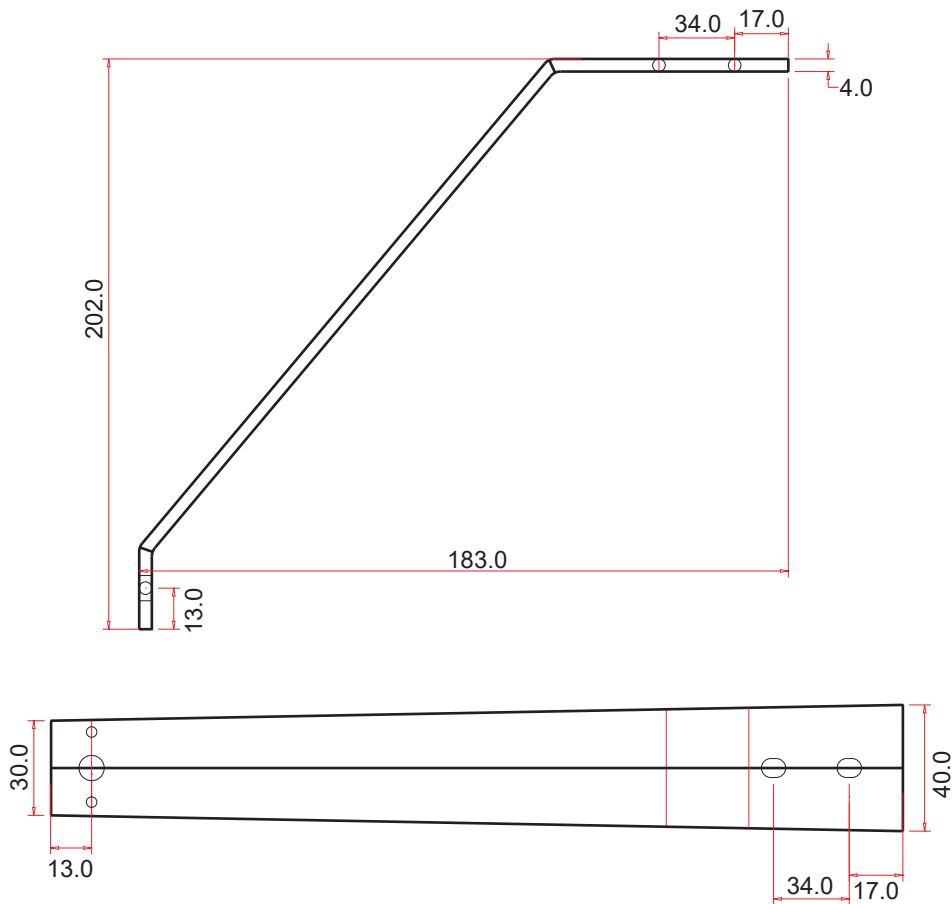
FOR YOUR RADIO INSTALLATION BASIC CONNECTION FOR AIRPLANE AND ADJUSTMENT OF SERVOS

Example of connection

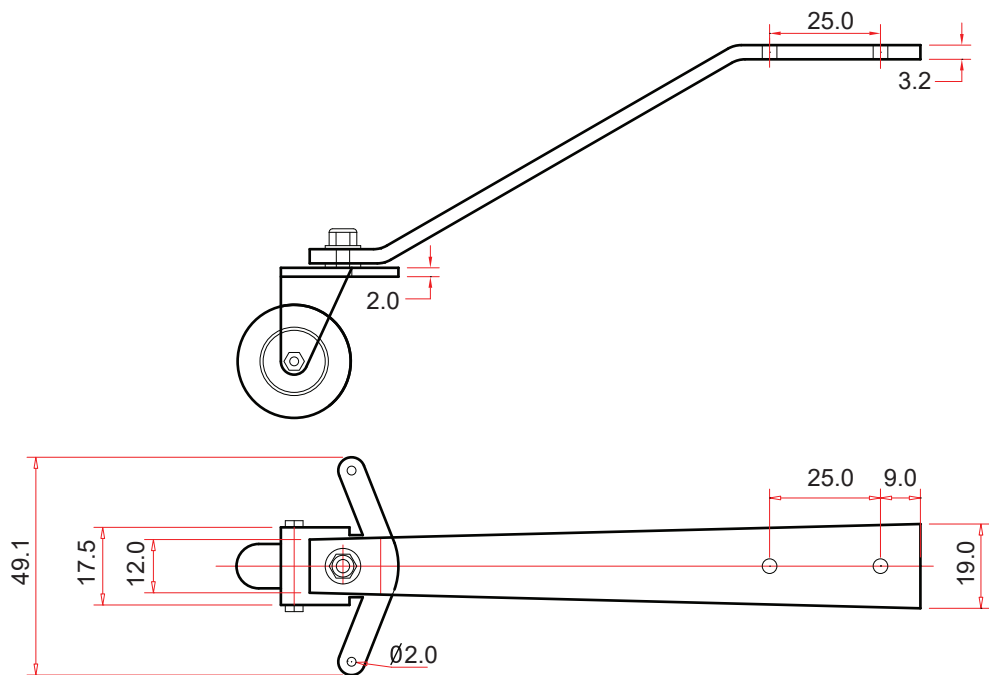
- For more information, refer to radio system instruction manual.
- Follow instruction manual of Engine and Battery.



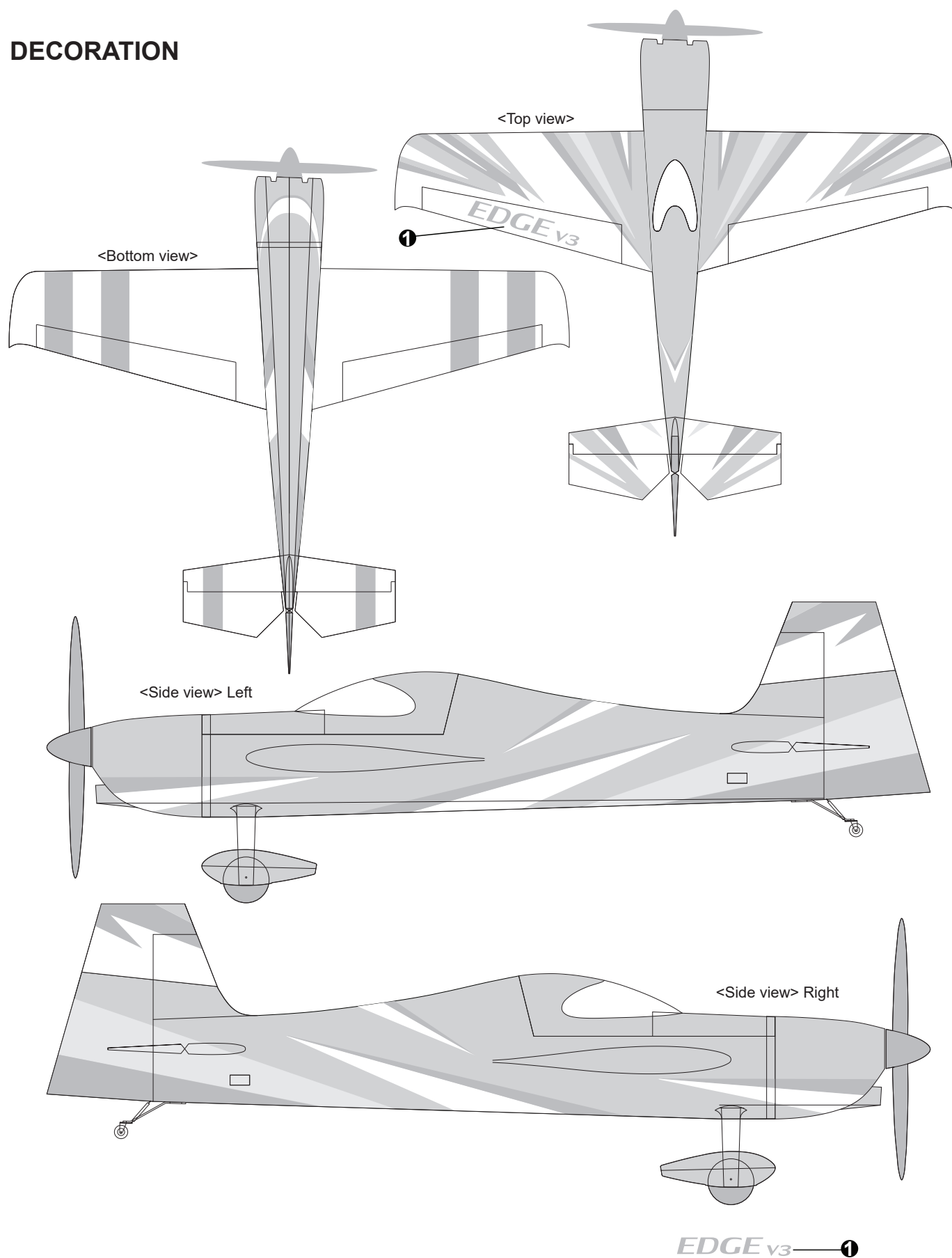
MAIN GEAR DIMENSIONAL DETAIL



TAIL GEAR DIMENSIONAL DETAIL



DECORATION

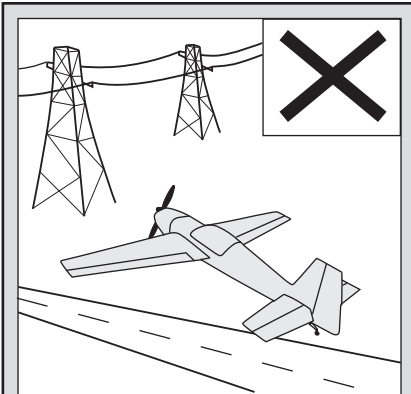


EXPLODED VIEW

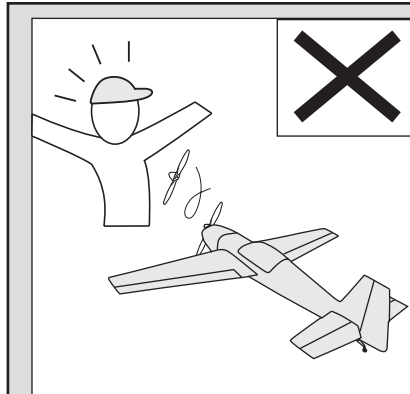
This exploded view diagram illustrates the assembly of a mechanical component, likely a lamp or light fixture. The main body is a large, curved, white plastic housing. Various parts are shown in their relative positions, with dimensions and part numbers indicated. Key components include:

- Top Panel:** A rectangular panel with a central cutout, secured by 3x20mm screws.
- Side Panel:** A curved panel that fits into the side of the main housing, secured by 3x12mm screws.
- Internal Components:** A spring, a 4x15mm screw, and a 3x12mm screw are shown near the top panel.
- Base Mounting:** A 3x25mm screw and a 3x12mm screw are shown near the base of the main housing.
- Light Fixture:** A circular light fixture with a 3x12mm screw and a 3x15mm(TP) screw.
- Assembly Hardware:** A variety of washers, nuts, and screws are shown, including 5mm Spring Washer, 5mm Washer, 5 x 100mm, 12 x 70mm, 16 x 5mm Flat Washer, 16 x 5mm Rubber Washer, 4mm Spring Washer, 4mm Flat Washer, 10 x 40mm, 5mm, 4 x 60mm, 4 x 12 mm, 4 x 15 mm, 3 x 12 mm, 3 x 25 mm, 3 x 35 mm, 3 x 5 mm, 3 x 10 mm, 3 x 15 mm, 3 x 20 mm, 3 x 25 mm, 3 x 30 mm, 3 x 35 mm, 3 x 40 mm, 3 x 45 mm, 3 x 50 mm, 3 x 55 mm, 3 x 60 mm, 3 x 65 mm, 3 x 70 mm, 3 x 75 mm, 3 x 80 mm, 3 x 85 mm, 3 x 90 mm, 3 x 95 mm, 3 x 100 mm, 3 x 105 mm, 3 x 110 mm, 3 x 115 mm, 3 x 120 mm, 3 x 125 mm, 3 x 130 mm, 3 x 135 mm, 3 x 140 mm, 3 x 145 mm, 3 x 150 mm, 3 x 155 mm, 3 x 160 mm, 3 x 165 mm, 3 x 170 mm, 3 x 175 mm, 3 x 180 mm, 3 x 185 mm, 3 x 190 mm, 3 x 195 mm, 3 x 200 mm, 3 x 205 mm, 3 x 210 mm, 3 x 215 mm, 3 x 220 mm, 3 x 225 mm, 3 x 230 mm, 3 x 235 mm, 3 x 240 mm, 3 x 245 mm, 3 x 250 mm, 3 x 255 mm, 3 x 260 mm, 3 x 265 mm, 3 x 270 mm, 3 x 275 mm, 3 x 280 mm, 3 x 285 mm, 3 x 290 mm, 3 x 295 mm, 3 x 300 mm, 3 x 305 mm, 3 x 310 mm, 3 x 315 mm, 3 x 320 mm, 3 x 325 mm, 3 x 330 mm, 3 x 335 mm, 3 x 340 mm, 3 x 345 mm, 3 x 350 mm, 3 x 355 mm, 3 x 360 mm, 3 x 365 mm, 3 x 370 mm, 3 x 375 mm, 3 x 380 mm, 3 x 385 mm, 3 x 390 mm, 3 x 395 mm, 3 x 400 mm, 3 x 405 mm, 3 x 410 mm, 3 x 415 mm, 3 x 420 mm, 3 x 425 mm, 3 x 430 mm, 3 x 435 mm, 3 x 440 mm, 3 x 445 mm, 3 x 450 mm, 3 x 455 mm, 3 x 460 mm, 3 x 465 mm, 3 x 470 mm, 3 x 475 mm, 3 x 480 mm, 3 x 485 mm, 3 x 490 mm, 3 x 495 mm, 3 x 500 mm, 3 x 505 mm, 3 x 510 mm, 3 x 515 mm, 3 x 520 mm, 3 x 525 mm, 3 x 530 mm, 3 x 535 mm, 3 x 540 mm, 3 x 545 mm, 3 x 550 mm, 3 x 555 mm, 3 x 560 mm, 3 x 565 mm, 3 x 570 mm, 3 x 575 mm, 3 x 580 mm, 3 x 585 mm, 3 x 590 mm, 3 x 595 mm, 3 x 600 mm, 3 x 605 mm, 3 x 610 mm, 3 x 615 mm, 3 x 620 mm, 3 x 625 mm, 3 x 630 mm, 3 x 635 mm, 3 x 640 mm, 3 x 645 mm, 3 x 650 mm, 3 x 655 mm, 3 x 660 mm, 3 x 665 mm, 3 x 670 mm, 3 x 675 mm, 3 x 680 mm, 3 x 685 mm, 3 x 690 mm, 3 x 695 mm, 3 x 700 mm, 3 x 705 mm, 3 x 710 mm, 3 x 715 mm, 3 x 720 mm, 3 x 725 mm, 3 x 730 mm, 3 x 735 mm, 3 x 740 mm, 3 x 745 mm, 3 x 750 mm, 3 x 755 mm, 3 x 760 mm, 3 x 765 mm, 3 x 770 mm, 3 x 775 mm, 3 x 780 mm, 3 x 785 mm, 3 x 790 mm, 3 x 795 mm, 3 x 800 mm, 3 x 805 mm, 3 x 810 mm, 3 x 815 mm, 3 x 820 mm, 3 x 825 mm, 3 x 830 mm, 3 x 835 mm, 3 x 840 mm, 3 x 845 mm, 3 x 850 mm, 3 x 855 mm, 3 x 860 mm, 3 x 865 mm, 3 x 870 mm, 3 x 875 mm, 3 x 880 mm, 3 x 885 mm, 3 x 890 mm, 3 x 895 mm, 3 x 900 mm, 3 x 905 mm, 3 x 910 mm, 3 x 915 mm, 3 x 920 mm, 3 x 925 mm, 3 x 930 mm, 3 x 935 mm, 3 x 940 mm, 3 x 945 mm, 3 x 950 mm, 3 x 955 mm, 3 x 960 mm, 3 x 965 mm, 3 x 970 mm, 3 x 975 mm, 3 x 980 mm, 3 x 985 mm, 3 x 990 mm, 3 x 995 mm, 4 x 12 mm, 4 x 15 mm, 4 x 20 mm, 4 x 25 mm, 4 x 30 mm, 4 x 35 mm, 4 x 40 mm, 4 x 45 mm, 4 x 50 mm, 4 x 55 mm, 4 x 60 mm, 4 x 65 mm, 4 x 70 mm, 4 x 75 mm, 4 x 80 mm, 4 x 85 mm, 4 x 90 mm, 4 x 95 mm, 4 x 100 mm, 4 x 105 mm, 4 x 110 mm, 4 x 115 mm, 4 x 120 mm, 4 x 125 mm, 4 x 130 mm, 4 x 135 mm, 4 x 140 mm, 4 x 145 mm, 4 x 150 mm, 4 x 155 mm, 4 x 160 mm, 4 x 165 mm, 4 x 170 mm, 4 x 175 mm, 4 x 180 mm, 4 x 185 mm, 4 x 190 mm, 4 x 195 mm, 4 x 200 mm, 4 x 205 mm, 4 x 210 mm, 4 x 215 mm, 4 x 220 mm, 4 x 225 mm, 4 x 230 mm, 4 x 235 mm, 4 x 240 mm, 4 x 245 mm, 4 x 250 mm, 4 x 255 mm, 4 x 260 mm, 4 x 265 mm, 4 x 270 mm, 4 x 275 mm, 4 x 280 mm, 4 x 285 mm, 4 x 290 mm, 4 x 295 mm, 4 x 300 mm, 4 x 305 mm, 4 x 310 mm, 4 x 315 mm, 4 x 320 mm, 4 x 325 mm, 4 x 330 mm, 4 x 335 mm, 4 x 340 mm, 4 x 345 mm, 4 x 350 mm, 4 x 355 mm, 4 x 360 mm, 4 x 365 mm, 4 x 370 mm, 4 x 375 mm, 4 x 380 mm, 4 x 385 mm, 4 x 390 mm, 4 x 395 mm, 4 x 400 mm, 4 x 405 mm, 4 x 410 mm, 4 x 415 mm, 4 x 420 mm, 4 x 425 mm, 4 x 430 mm, 4 x 435 mm, 4 x 440 mm, 4 x 445 mm, 4 x 450 mm, 4 x 455 mm, 4 x 460 mm, 4 x 465 mm, 4 x 470 mm, 4 x 475 mm, 4 x 480 mm, 4 x 485 mm, 4 x 490 mm, 4 x 495 mm, 4 x 500 mm, 4 x 505 mm, 4 x 510 mm, 4 x 515 mm, 4 x 520 mm, 4 x 525 mm, 4 x 530 mm, 4 x 535 mm, 4 x 540 mm, 4 x 545 mm, 4 x 550 mm, 4 x 555 mm, 4 x 560 mm, 4 x 565 mm, 4 x 570 mm, 4 x 575 mm, 4 x 580 mm, 4 x 585 mm, 4 x 590 mm, 4 x 595 mm, 4 x 600 mm, 4 x 605 mm, 4 x 610 mm, 4 x 615 mm, 4 x 620 mm, 4 x 625 mm, 4 x 630 mm, 4 x 635 mm, 4 x 640 mm, 4 x 645 mm, 4 x 650 mm, 4 x 655 mm, 4 x 660 mm, 4 x 665 mm, 4 x 670 mm, 4 x 675 mm, 4 x 680 mm, 4 x 685 mm, 4 x 690 mm, 4 x 695 mm, 4 x 700 mm, 4 x 705 mm, 4 x 710 mm, 4 x 715 mm, 4 x 720 mm, 4 x 725 mm, 4 x 730 mm, 4 x 735 mm, 4 x 740 mm, 4 x 745 mm, 4 x 750 mm, 4 x 755 mm, 4 x 760 mm, 4 x 765 mm, 4 x 770 mm, 4 x 775 mm, 4 x 780 mm, 4 x 785 mm, 4 x 790 mm, 4 x 795 mm, 4 x 800 mm, 4 x 805 mm, 4 x 810 mm, 4 x 815 mm, 4 x 820 mm, 4 x 825 mm, 4 x 830 mm, 4 x 835 mm, 4 x 840 mm, 4 x 845 mm, 4 x 850 mm, 4 x 855 mm, 4 x 860 mm, 4 x 865 mm, 4 x 870 mm, 4 x 875 mm, 4 x 880 mm, 4 x 885 mm, 4 x 890 mm, 4 x 895 mm, 4 x 900 mm, 4 x 905 mm, 4 x 910 mm, 4 x 915 mm, 4 x 920 mm, 4 x 925 mm, 4 x 930 mm, 4 x 935 mm, 4 x 940 mm, 4 x 945 mm, 4 x 950 mm, 4 x 955 mm, 4 x 960 mm, 4 x 965 mm, 4 x 970 mm, 4 x 975 mm, 4 x 980 mm, 4 x 985 mm, 4 x 990 mm, 4 x 995 mm.

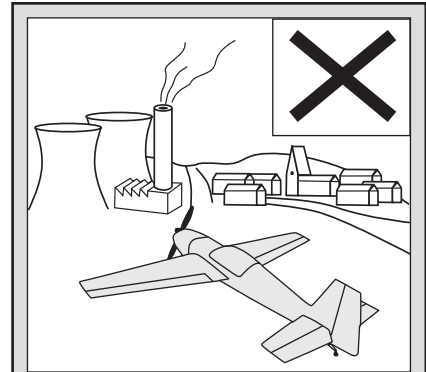
I/C FLYING WARNINGS



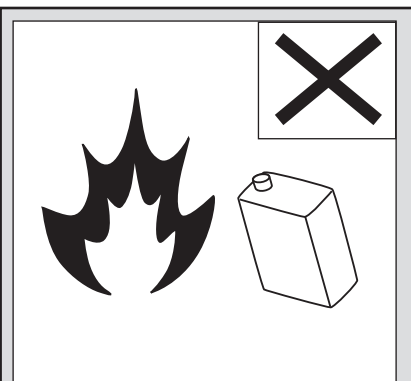
NEVER fly near power lines, aërials or other dangerous areas including airports, motorways etc.



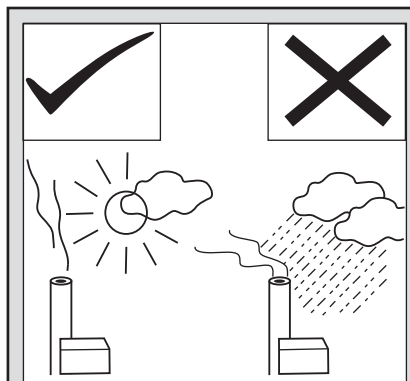
ALWAYS adjust the engine from behind the propeller, and do not allow any part of your body to be in line with the propeller.



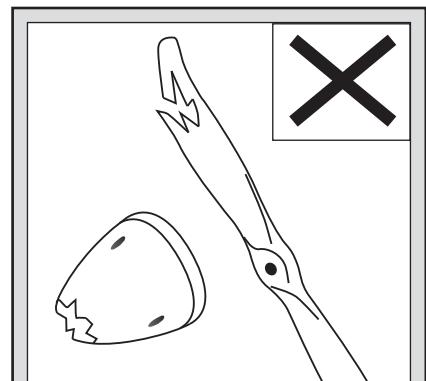
Always operate in open areas, away from factories, hospitals, schools, buildings and houses etc. NEVER fly your aircraft close to people or built up areas.



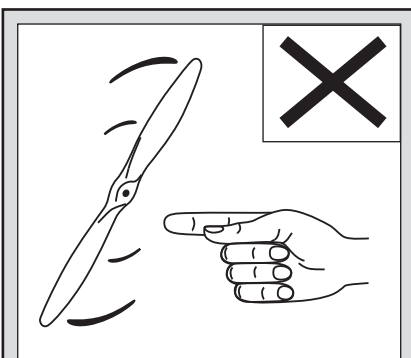
DO NOT dispose of empty fuel containers on a fire, this can lead to an explosion.



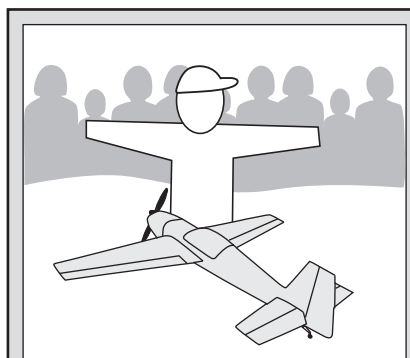
NEVER fly in wet conditions or on windy or stormy days.



NEVER use damaged or deformed propellers or spinners.

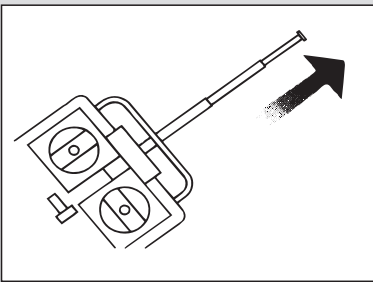


THE PROPELLER IS DANGEROUS. Keep fingers, clothing (ties, shirt sleeves, scarves) or any other loose objects that could be caught or drawn in, away from the propeller. Take care at ALL times.

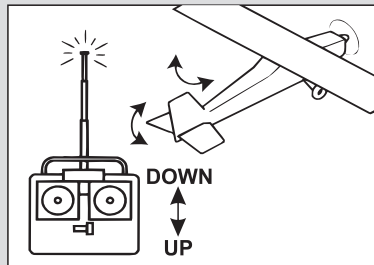


Keep all onlookers (especially small children and animals) well back from the area of operation. This is a flying aircraft, which will cause serious injury in case of impact with a person or animal.

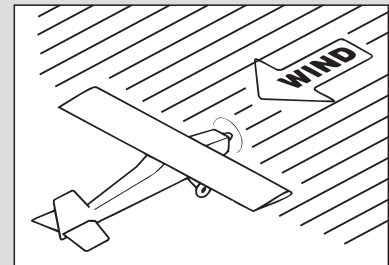
I/C FLYING GUIDELINES



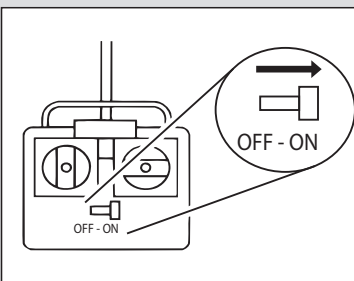
When ready to fly, first extend the transmitter aerial.



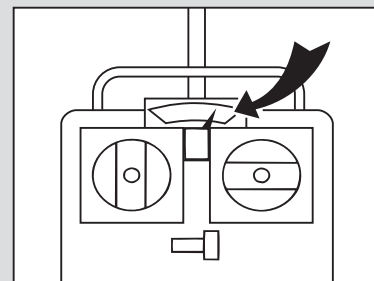
Operate the control sticks on the transmitter and check that the control surfaces move freely and in the CORRECT directions.



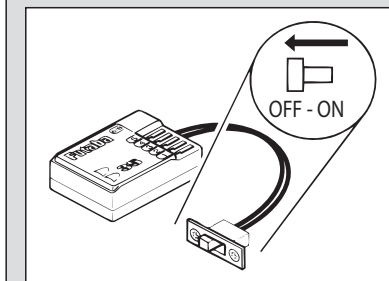
ALWAYS land the model INTO the wind, this ensures that the model lands at the slowest possible speed.



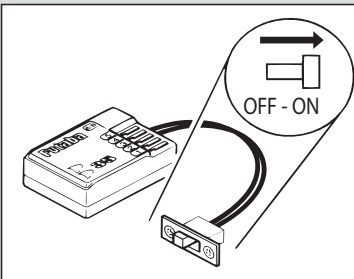
Switch on the transmitter.



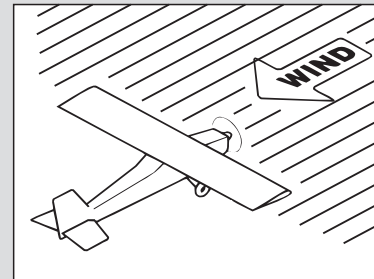
Check that the transmitter batteries have adequate power.



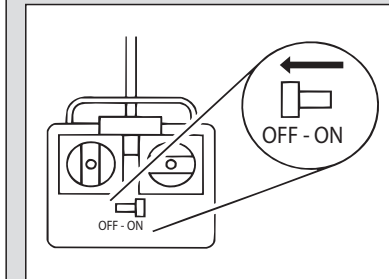
Switch off the receiver.



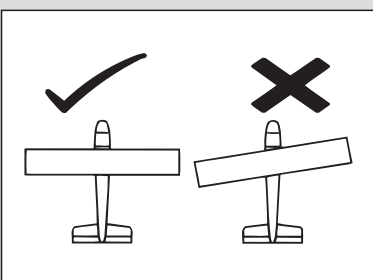
Switch on the receiver.



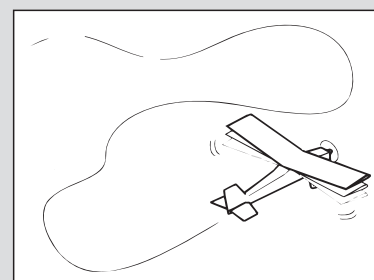
ALWAYS take off into the wind.



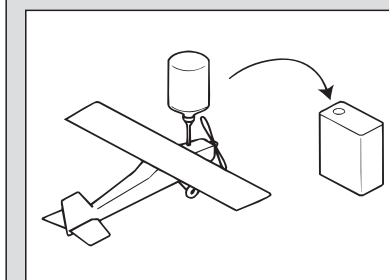
Switch off the transmitter.



Check that the wings are correctly fitted to the fuselage.



If the model does not respond correctly to the controls, land it as soon as possible and correct the fault.



Empty the fuel tank after flying, fuel left in the tank can cause corrosion and lead to engine problems.