

HANGAR 9®

Instruction Manual
Bedienungsanleitung
Manuel d'utilisation
Manuale di Istruzioni

Viper 100N ARF



ARF



HAN-3625ARF

Scan the QR code and select the Manuals and Support quick links from the product page for the most up-to-date manual information.

Scannen Sie den QR-Code und wählen Sie auf der Produktseite die Quicklinks Handbücher und Unterstützung, um die aktuellsten Informationen zu Handbüchern. Scannez le code QR et sélectionnez les liens rapides Manuals and Support sur la page du produit pour obtenir les informations les plus récentes sur le manuel. Scannerizzare il codice QR e selezionare i Link veloci Manuali e Supporto dalla pagina del prodotto per le informazioni manuali più aggiornate.

HORIZON
H O B B Y

Created 06/2026

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NOTICE

All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, LLC. For up-to-date product literature, visit horizonhobby.com or www.towerhobbies.com and click on the support or resources tab for this product.

MEANING OF SPECIAL LANGUAGE

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury.



WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.

This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not attempt disassembly, use with incompatible components or augment product in any way without the approval of Horizon Hobby, LLC. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

Age Recommendation: Not For Children Under 14 Years. This Is Not A Toy.

SAFETY WARNINGS AND PRECAUTIONS

Read and follow all instructions and safety precautions before use. Improper use can result in fire, serious injury and damage to property.

Components

Use only with compatible components. Should any compatibility questions exist, please refer to the product instructions, component instructions or contact the appropriate Horizon Hobby office.

Flight

Fly only in open areas to ensure safety. It is recommended flying be done at radio control flying fields. Consult local ordinances before choosing a flying location.

Turbine

Always keep loose items that can become ingested by the turbine away from the inlets. This includes loose clothing or other small objects.

Batteries

Always follow the manufacturer's instructions when using and disposing of any batteries. Mishandling of Li-Po batteries can result in fire causing serious injury and damage.

Small Parts

This kit includes small parts and should not be left unattended near children as choking and serious injury could result.

SAFE OPERATING RECOMMENDATIONS

- Inspect your model before every flight to ensure it is airworthy.
- Be aware of any other radio frequency user who may present an interference problem.
- Always be courteous and respectful of other users in your selected flight area.
- Choose an area clear of obstacles and large enough to safely accommodate your flying activity.
- Make sure this area is clear of friends and spectators prior to launching your aircraft.
- Be aware of other activities in the vicinity of your flight path that could cause potential conflict.
- Carefully plan your flight path prior to launch.
- Abide by any and all established AMA National Model Aircraft Safety Code.

BEFORE STARTING ASSEMBLY

- Remove parts from bag.
- Inspect fuselage, wing panels, rudder and stabilizer for damage.
- If you find damaged or missing parts, contact your place of purchase.
- Charge transmitter and receiver batteries.
- Center trims and sticks on your transmitter.
- For a computer radio, create a model memory for this particular model.
- Bind your transmitter and receiver, using your radio system's instructions.

NOTICE: Rebind the radio system once all control throws are set. This will keep the servos from moving to their endpoints until the transmitter and receiver connect. It will also guarantee the servo reversal settings are saved in the radio system.

IMPORTANT FEDERAL AVIATION ADMINISTRATION (FAA) INFORMATION



Use the QR code to learn more about the Recreational UAS Safety Test (TRUST), as was introduced by the 2018 FAA Reauthorization Bill. This free test is required by the FAA for all recreational flyers in the United States. The completed certificate must be presented upon request by any FAA or law enforcement official.



If your model aircraft weighs more than .55lbs or 250 grams, you are required by the FAA to register as a recreational flyer and apply your registration number to the outside of your aircraft. Use the QR code to learn more about registering with the FAA.



According to FAA regulation, all unmanned aircraft over .55lbs (250 grams), flying in United States airspace are required to either fly within an FAA-Recognized Identification Area (FRIA) or continually transmit an FAA-registered remote identification from a Remote ID broadcast module, such as the Spektrum™ Sky™ Remote ID module (SPMA9500). Use the QR code to learn more about the FAA Remote ID regulations.

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REPLACEMENT PARTS

Item #	Description
HAN-362501	Forward Fuselage Section: Viper 100N Turbine Jet
HAN-362502	Aft Fuselage Section: Viper 100N Turbine Jet
HAN-362503	Left Wing: Viper 100N Turbine Jet
HAN-362504	Right Wing: Viper 100N Turbine Jet
HAN-362505	Horizontal Stabilizer Set with Elevators: Viper 100N Turbine Jet
HAN-362506	Vertical Stabilizer and Rudder: Viper 100N Turbine Jet
HAN-362507	Canopy Hatch with Canopy: Viper 100N Turbine Jet
HAN-362508	Canopy Transparency: Viper 100N Turbine Jet
HAN-362509	Fuselage Turbine Hatch: Viper 100N Turbine Jet
HAN-362510	Rudder and Elevators Hardware Set: Viper 100N Turbine Jet
HAN-362511	Hardware Set: Viper 100N Turbine Jet
HAN-362512	Landing Gear Doors Set: Viper 100N Turbine Jet
HAN-362513	Fuselage Joiner Tubes with Hardware: Viper 100N Turbine Jet
HAN-362514	Wing Tubes: Viper 100N Turbine Jet
HAN-362515	Horizontal and Vertical Stabilizer Tubes: Viper 100N Turbine Jet
HAN-362516	Fuel Tank with Hardware: Viper 100N Turbine Jet
HAN-362517	Fuselage Transport Bag: Viper 100N Turbine Jet
HAN-362518	Wing Transport Bag: Viper 100N Turbine Jet
HAN-362519	Hinge Set: Viper 100N Turbine Jet
HAN-362520	Landing Gear Door Hardware Set: Viper 100N Turbine Jet
HAN-362521	Control Horn Set: Viper 100N Turbine Jet
HAN-362522	Wing Hardware Set: Viper 100N Turbine Jet
HAN-362523	Thrust Tube with Screws: Viper 100N Turbine Jet
HAN-362524	Digital Retract Controller with Accessories: Viper 100N Turbine Jet
HAN-362525	Main Wheel with Brake (1): Viper 100N Turbine Jet
HAN-362526	Tire Set (3): Viper 100N Turbine Jet
HAN-362527	Nose Landing Gear Strut: Viper 100N Turbine Jet
HAN-362528	Left Main Landing Gear Strut: Viper 100N Turbine Jet
HAN-362529	Right Main Landing Gear Strut: Viper 100N Turbine Jet
HAN-362530	Nose Landing Gear Retract Unit: Viper 100N Turbine Jet
HAN-362531	Main Landing Gear Retract Unit (1): Viper 100N Turbine Jet
HAN-362532	Navigation Light Lens Covers: Viper 100N Turbine Jet
HAN-362533	Reflective Sun Cover: Viper 100N Turbine Jet
HAN-362534	LED Light Set: Viper 100N Turbine Jet
HAN-362535	Ventral Fin Set: Viper 100N Turbine Jet
HAN-362536	Winglet Set: Viper 100N Turbine Jet

REQUIRED FOR COMPLETION

# Required	Item #	Description
1	KGTU150	KingTech 150cc air trap
2	SPM-1057	Spektrum 2S 4000mAh LiPo G2 receiver batteries
1	SPM-1060	Spektrum 3S 3200mAh LiFe ECU battery
1	SPMAR20410T	Spektrum AR20410T Receiver
1	SPMAS6000	Synapse AS3X+ Module
2	SPMA3003	Servo Extension Lead: 12-inch Heavy-Duty
3	SPMA3007	Servo Extension Lead: 48-inch Heavy-Duty
1	SPMA3005	Servo Extension Lead: 24-inch Heavy-Duty
2	SPMA3004	Servo Extension Lead: 18-inch Heavy-Duty
1	HAN-3625ER	Electric Tricycle Retract Set with Brakes and Controller
1	KGT-3976	KingTech K-102G4+ Turbine
4	SPMSA6320	Spektrum A6320 Servo
4	SPMSA5070	Spektrum A5070 Servo
1	SPMSP3021	Heavy Duty Servo Arms (4)
2	SPMSP3101	Aluminum Single-Sided Servo Arm, 1.5" Length, 23T
2	SPMSP3100	Aluminum Single-Sided Servo Arm, 0.8" Length, 23T

LANDING GEAR DOOR COMPLETION GUIDE

# Required	Item #	Description
3	SPMSA5070	Spektrum A5070 Servos
2	SPMSP3101	Spektrum Single-Sided 1.5-inch aluminum servo arm
2	SPMA3002	Spektrum 9-inch Heavy-Duty Extensions
1	SPMA3003	Spektrum 12-inch Heavy-Duty Extension

REQUIRED ADHESIVES

Description
Structural adhesive
Thin CA
Medium CA
Threadlock, medium strength
Silicone adhesive

SERVO SETUP GUIDE

Surface	Servo	Servo Arm	Servo Arm Dimension	Servo Arm Connector	Pushrod Length	Assembled Pushrod Length	Control Horn Connector
Rudder	A5070	SPMSP3021	20 mm	M3 Steel Clevis	50mm	76 mm	M3 Ball Link
Elevators	A5070	SPMSP3021	20 mm	M3 Steel Clevis	50mm	75 mm	M3 Ball Link
Ailerons	A6320	SPMSP3101	32 mm	M3 Ball Link	40 mm	60 mm	M3 Ball Link
Flaps	A6320	SPMSP3100	20.5 mm	M3 Ball Link	45mm		M3 Ball Link
Steering	A5070	inc. with servo	13.5 mm	M3 Ball Link	34 mm	49 mm	M3 Ball Link
Main Inner Doors	A5070	SPMSP3101	38 mm	M3 Ball Link			M3 Ball Link
Main Outer Doors	NA	NA	NA	NA	20 mm	38 mm	M3 Ball Link
Nose Door	A5070	SPMSP3021	20 mm	M3 Ball Link	34 mm	52 mm	M3 Ball Link

TOOLS REQUIRED

Description	
Box or open end wrench: 10mm, 7/16-inch, 1/2-inch	Low tack tape
Clamps	Medium grit sandpaper
Covering iron	Micro balloons
Drill	Mixing cups
Drill bit set, metric and SAE	Mixing sticks
Epoxy brushes	Pencil
Felt-tipped pen	Petroleum jelly
Flat blade screwdriver	Phillips screwdriver #0, #1, #2
Flat file	Pin vise
Flux paste	Pliers
Heat gun	Razor saw
Hemostats	Ruler
Hex wrench set, metric and SAE	Sanding drum for rotary tool
Hobby knife with #11 blade	Scissors
Hobby scissors	Side cutter
Hobby square	Silver solder
Hook and loop tape	Toothpicks
Isopropyl alcohol	Zip ties
Light machine oil	

BUILDING PRECAUTIONS

Prepare the work surface prior to beginning the build. The surface should be soft and free of any sharp objects. We recommend resting the airframe parts on a soft towel or pit mat to prevent scratching or denting the surface of the aircraft.

PRINTED COVERING NOTES

- The covering used on your model has the color and markings printed directly on the film.
- The covering has a self-adhesive backing. Indirect heat can be applied to help reattach or shrink the film a small amount. Use a covering iron on low and place a piece of parchment paper or covering backing between the model and covering iron to disperse the heat. Apply heat sparingly (2-3 seconds), and use a glove to press the covering into concave areas.
- Use only mild cleaning agents on the printed finish.
- Use tape with care. Anything other than low-tack tape can remove the finish, particularly on edges.
- Avoid contact with raw fuel. Exposure to fuel or chemicals will damage the printed covering.
- Remove residue from fuel, oil, and adhesives as soon as possible to avoid staining or damaging the finish.

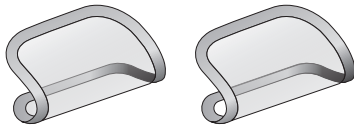
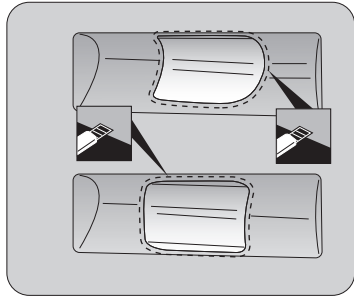
NAVIGATION LIGHT INSTALLATION

The following instructions show the installation of the wing lights.

If you do not wish to use lights in the wings, install the lens covers without the lights.

①

- Use curved body scissors to trim the navigation light lens covers to shape. Ensure to leave enough material around the clear portion for attachment to the wing surface.



2 x 5mm Self-tapping Screw

4

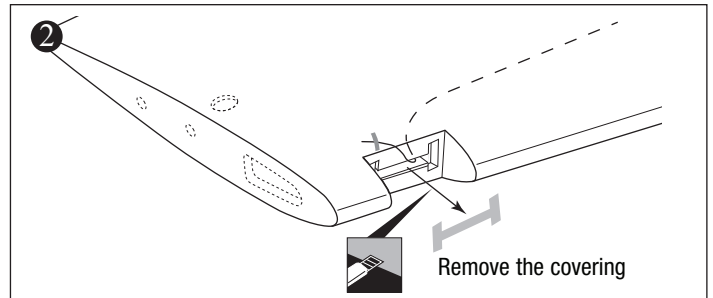
2 x 13mm Self-tapping Screw

8

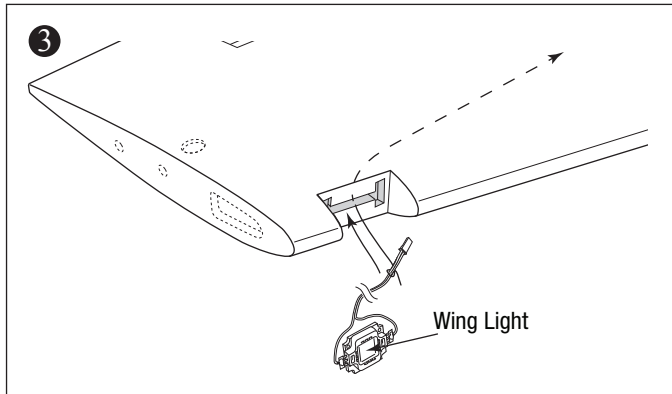
Wing Lights (Not Included)

2

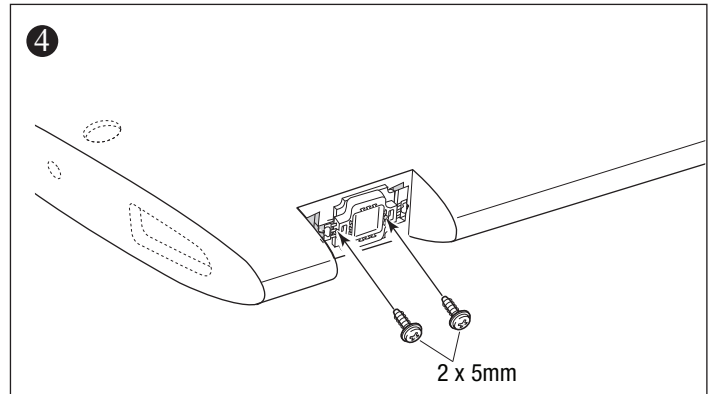
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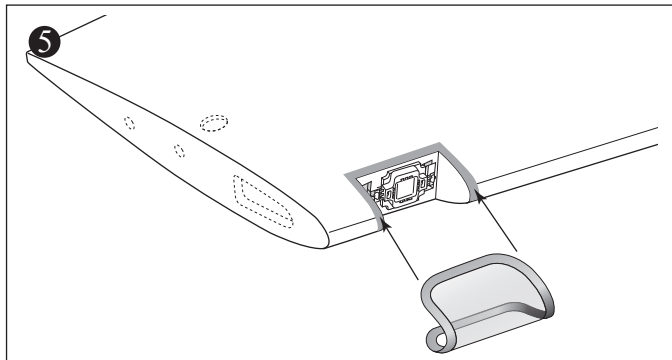
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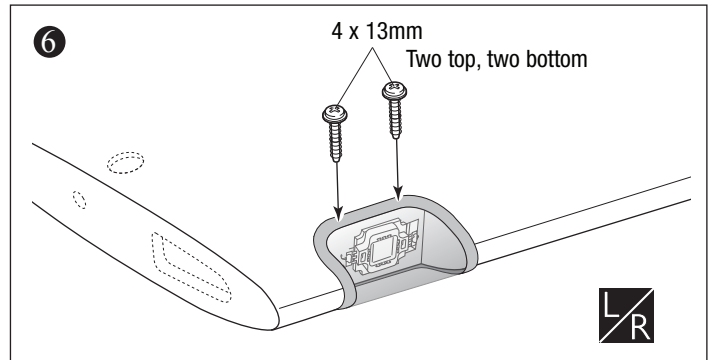
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⑤

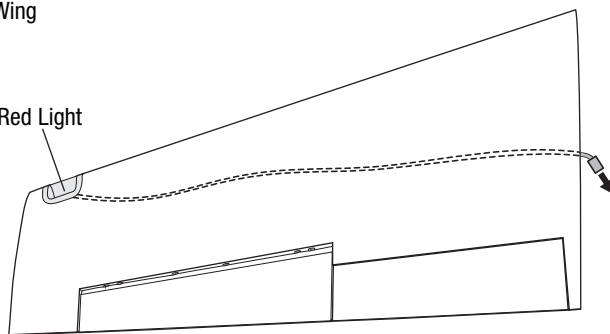


⑥



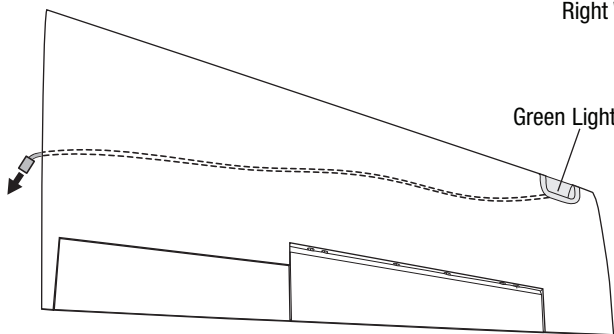
Left Wing

Red Light

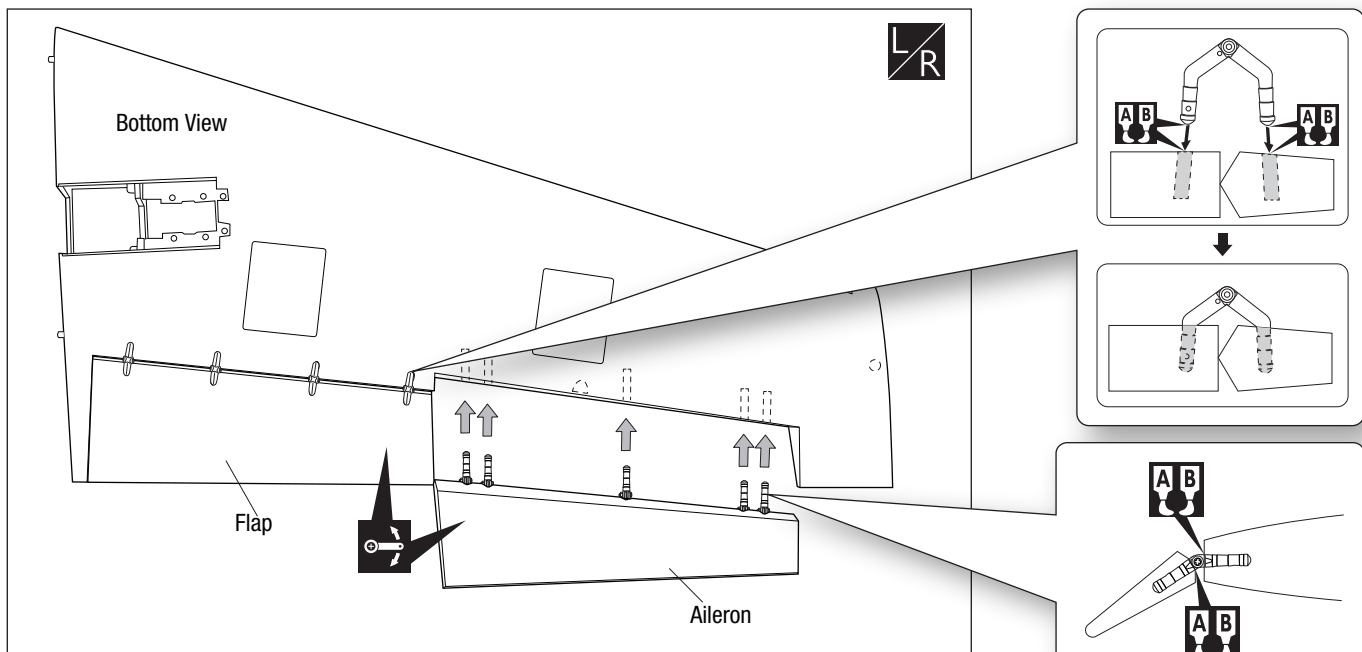


Right Wing

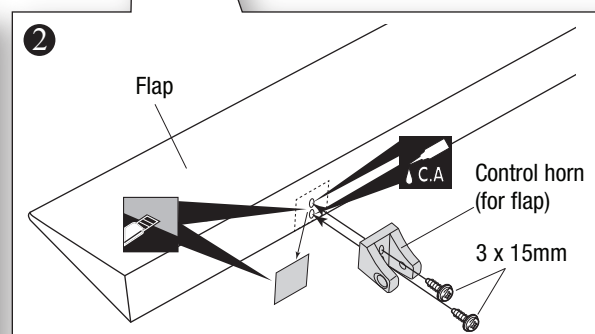
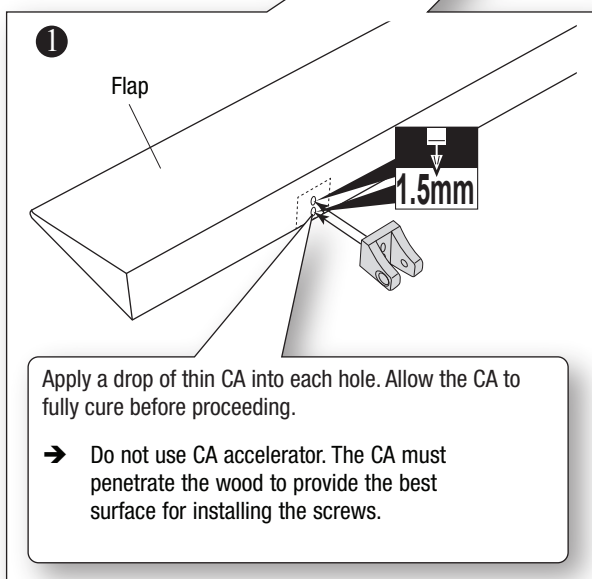
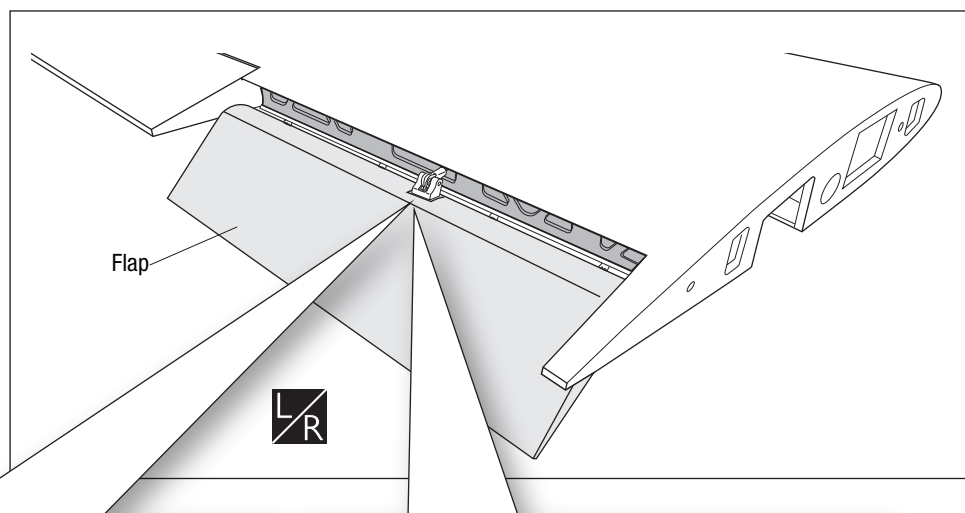
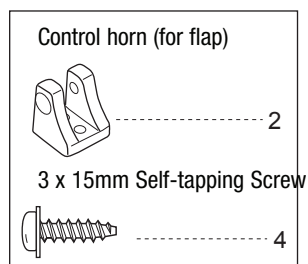
Green Light



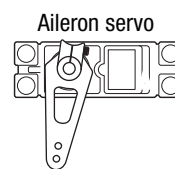
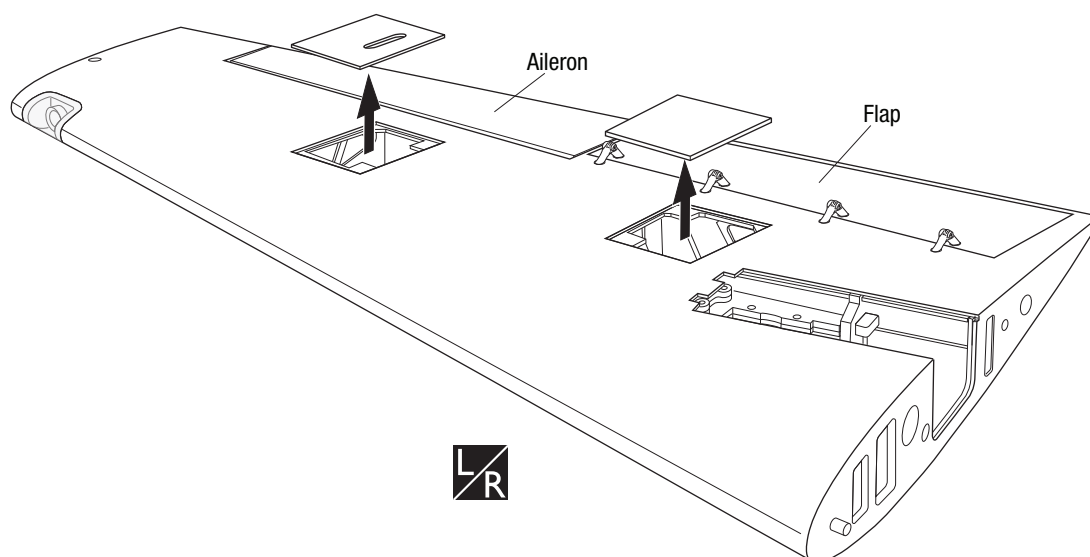
Remove shaded portion



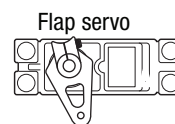
-  Assemble left and right sides using the same method
-  Use a structural adhesive such as DLM Aero Tech epoxy.
-  Ensure linkages move smoothly during assembly.
Ensure the hinges are properly secured before proceeding.



-  Apply Cyanocralate (CA)
-  Remove shaded portion
-  Drill 1.5mm hole
-  Assemble left and right sides using the same method

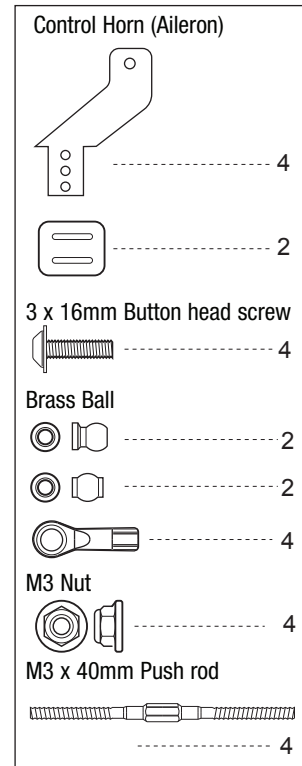
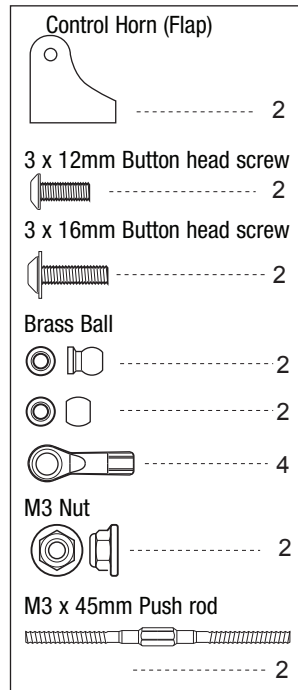
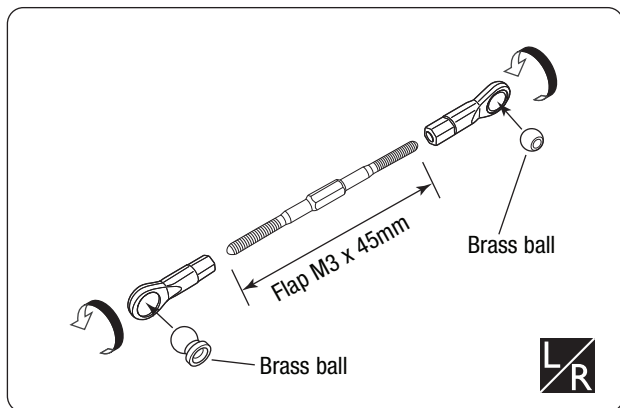
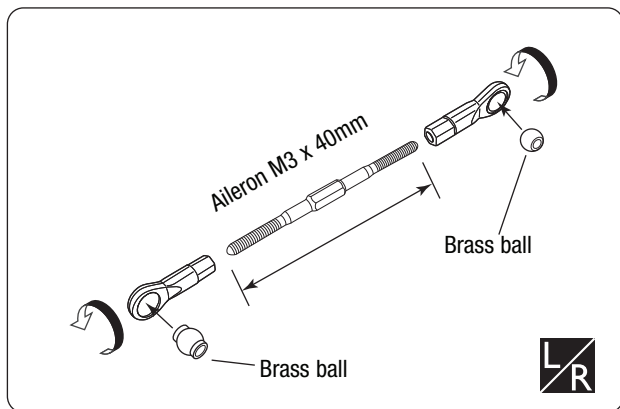


The aileron servo arm is SP3101, using the inner of the two holes. They should be installed with the servo arm rotated one spline forward when the servo is centered.



The flap servo arm is SP3100. They should be installed with the servo arm rotated one spline aft when the servo is centered.

Assemble left and right sides using the same method

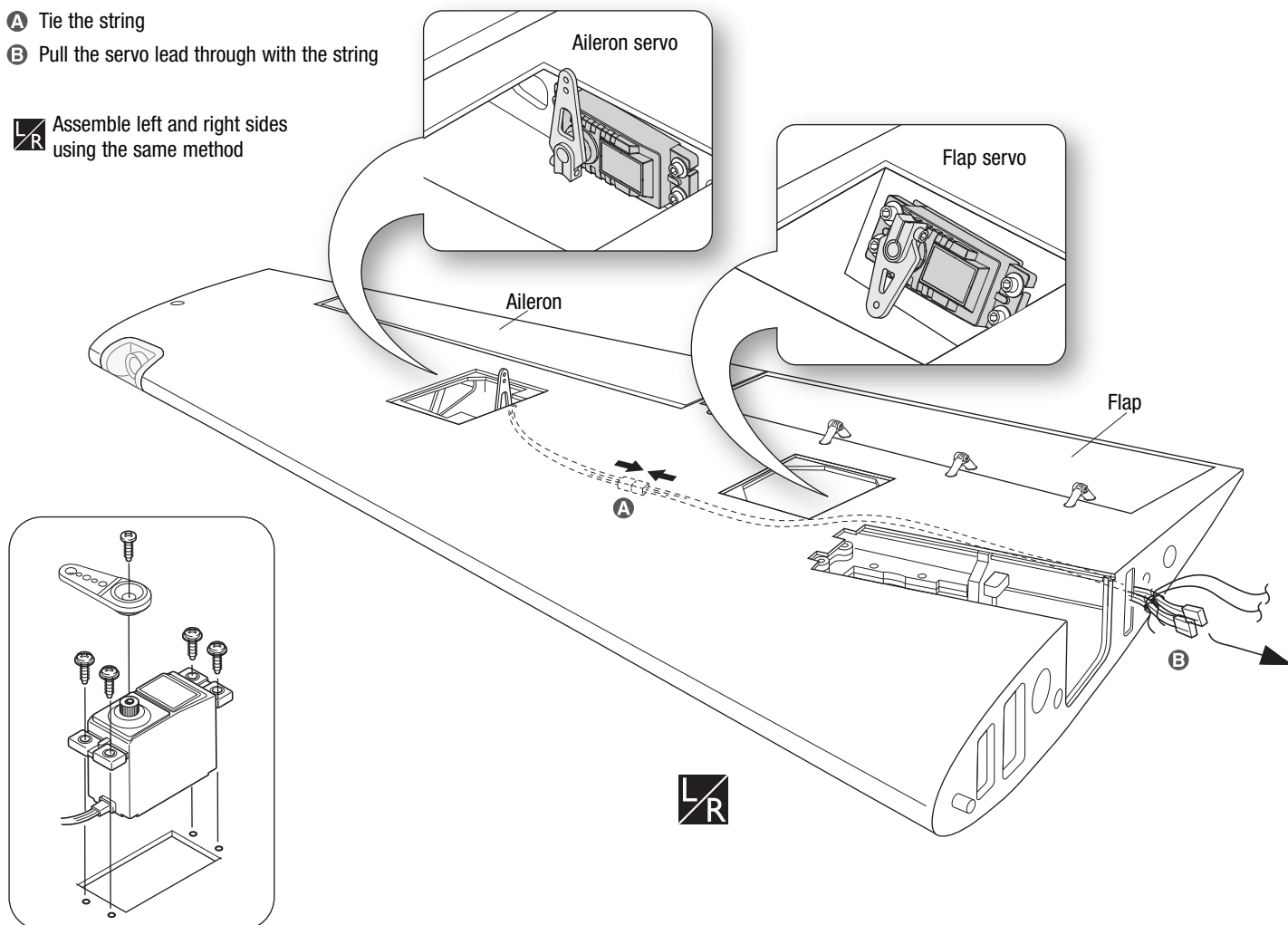


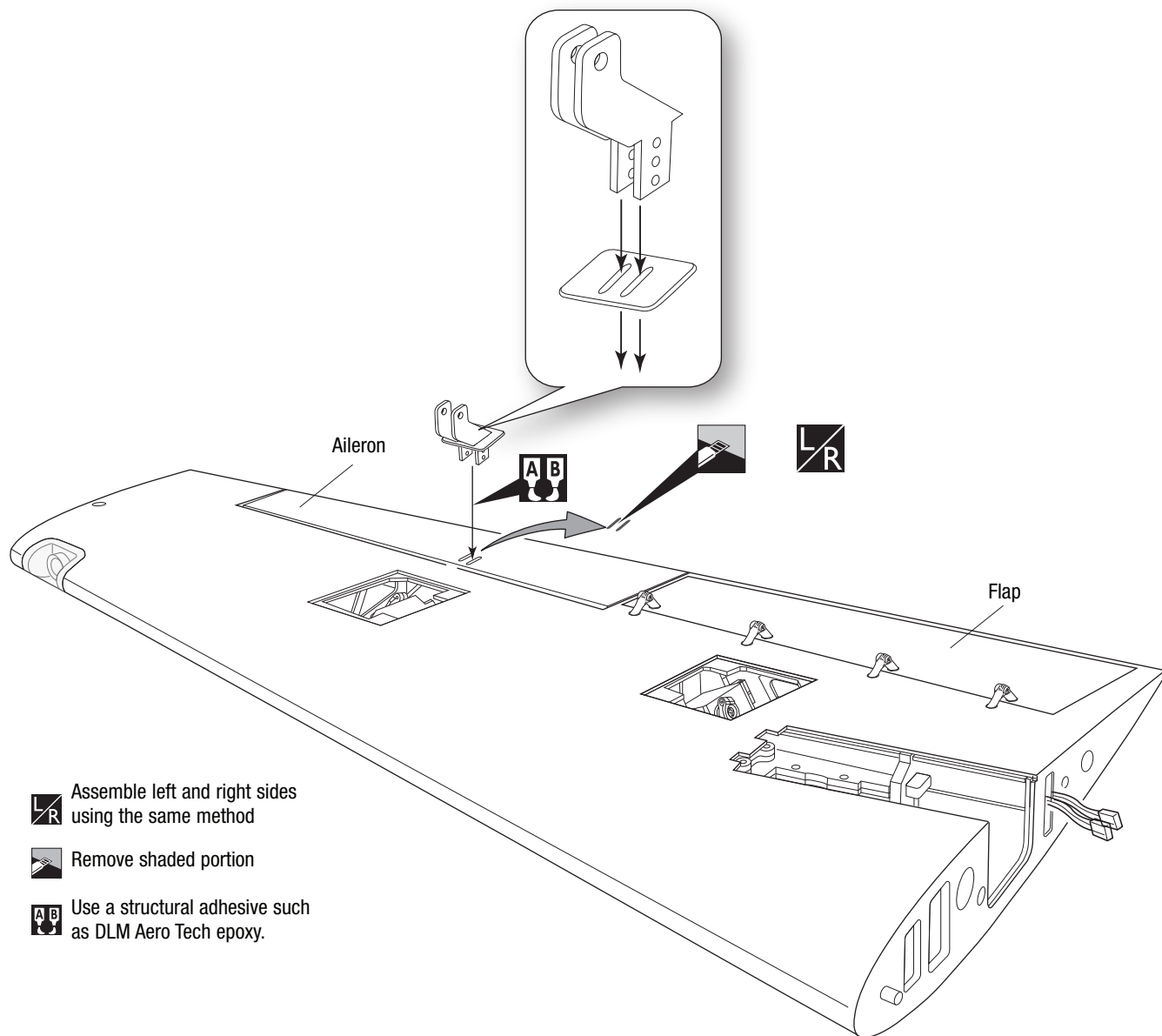
L/R Assemble left and right sides using the same method

A Tie the string

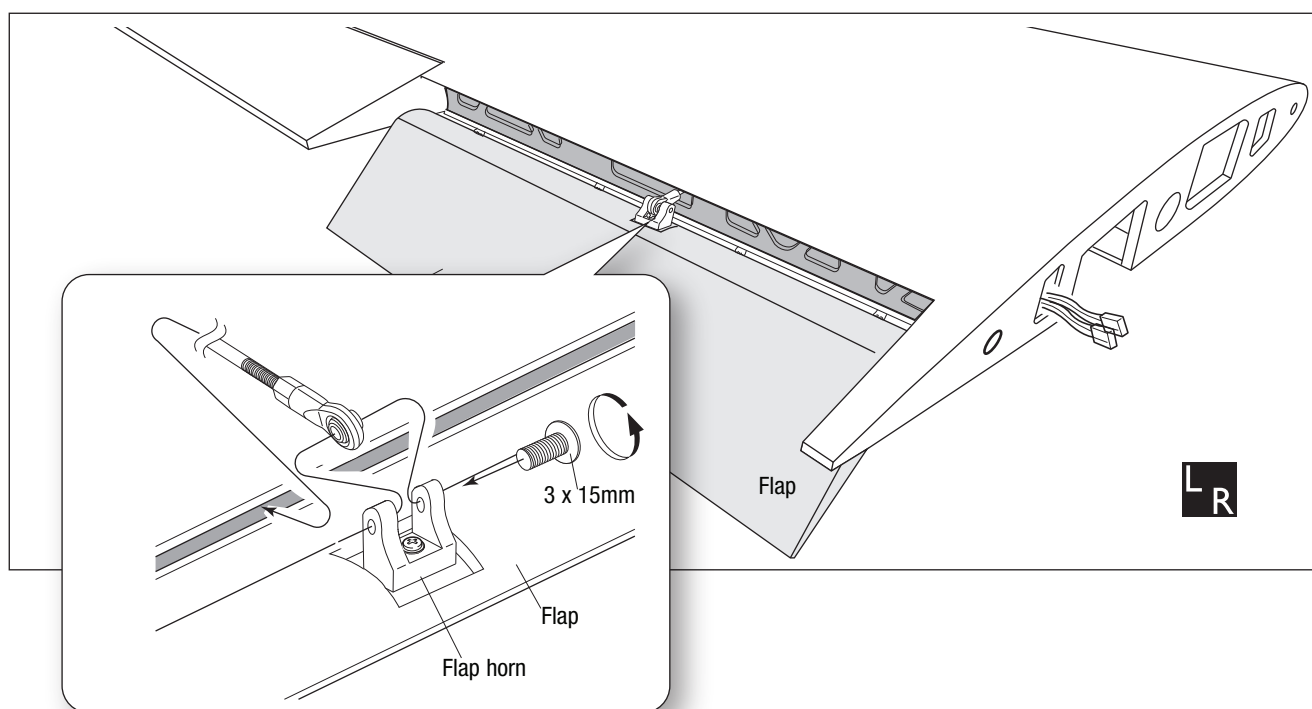
B Pull the servo lead through with the string

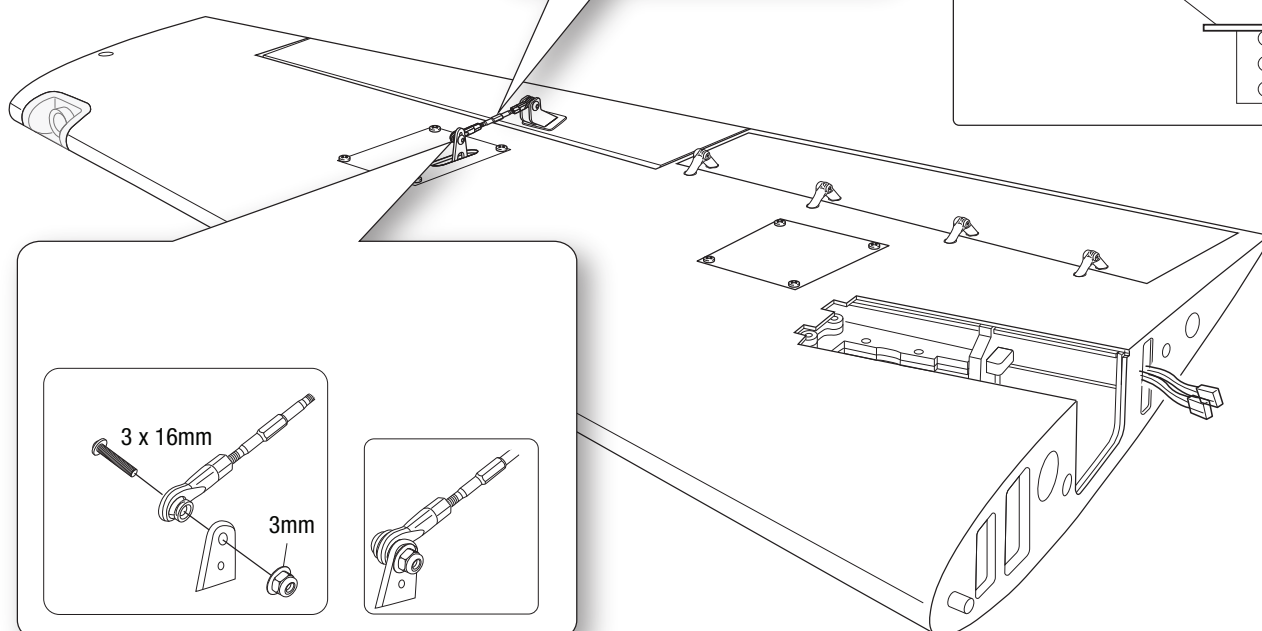
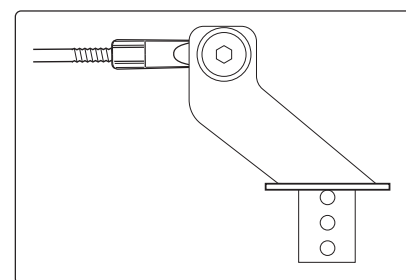
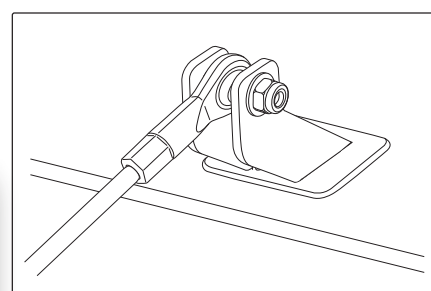
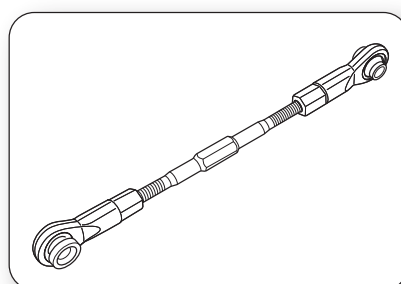
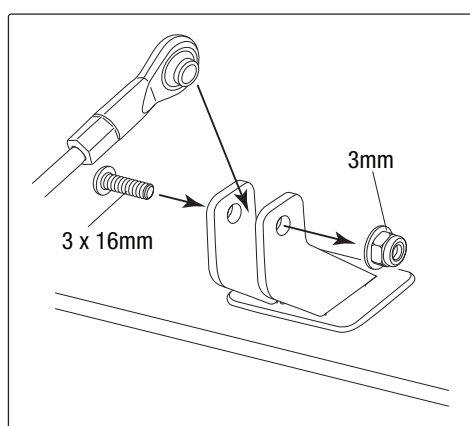
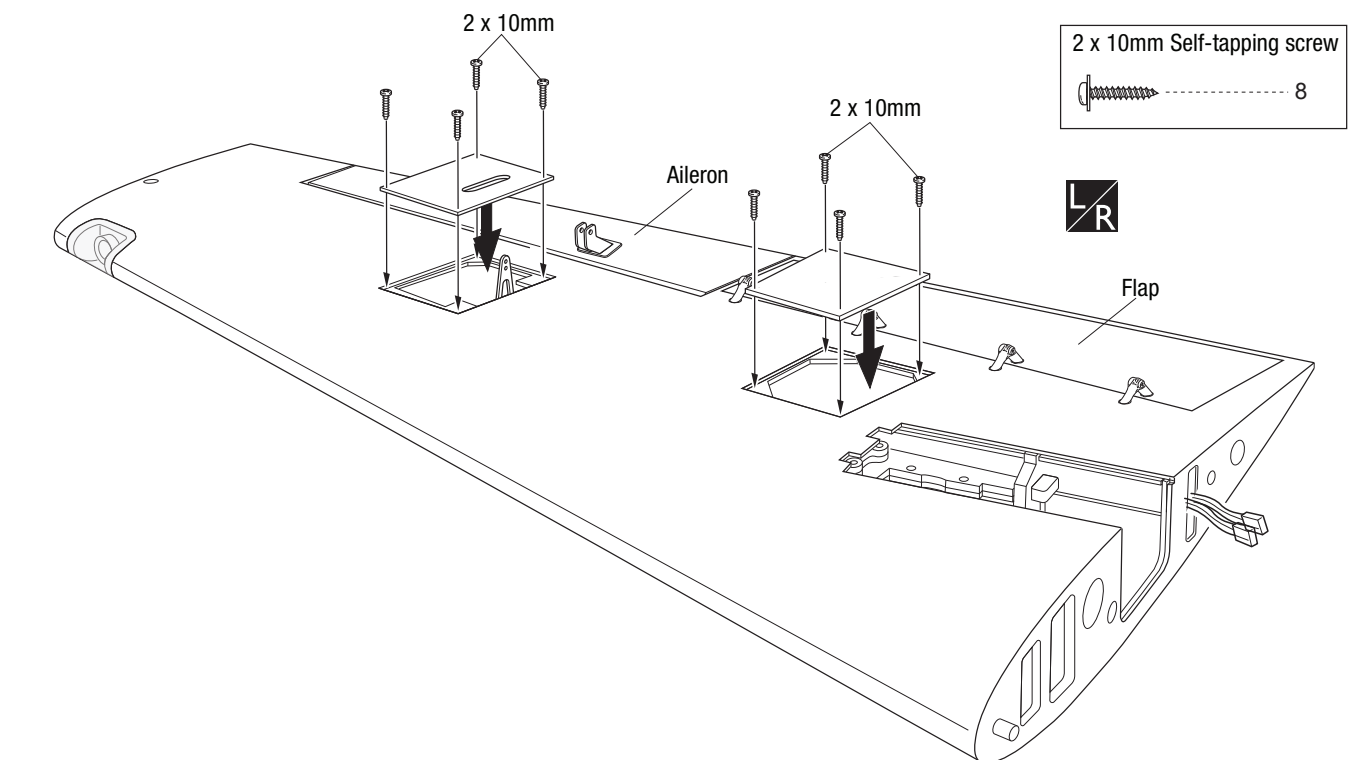
L/R Assemble left and right sides using the same method

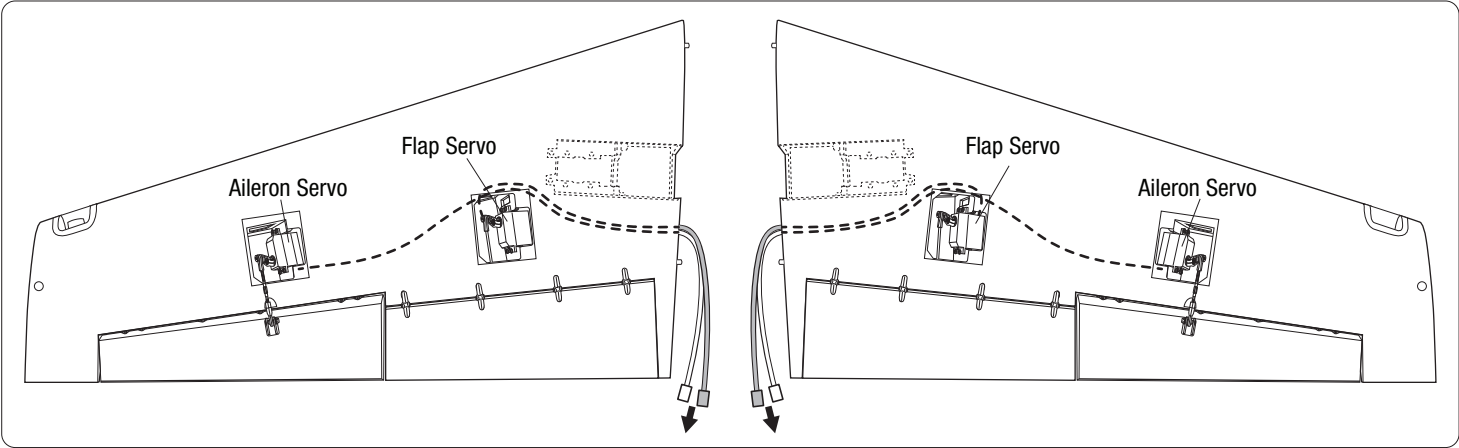




-  Assemble left and right sides using the same method
-  Remove shaded portion
-  Use a structural adhesive such as DLM Aero Tech epoxy.

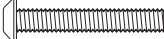






MAIN LANDING GEAR INSTALLATION

M4 x 25mm Button head screw

 8

3 x 12mm Button head screw

 2

4mm Washer

 8

3 x 10mm Button head screw

 4

M3 Nylock Nut

 4

3mm Washer

 8

Aluminum Ball

 4

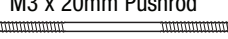
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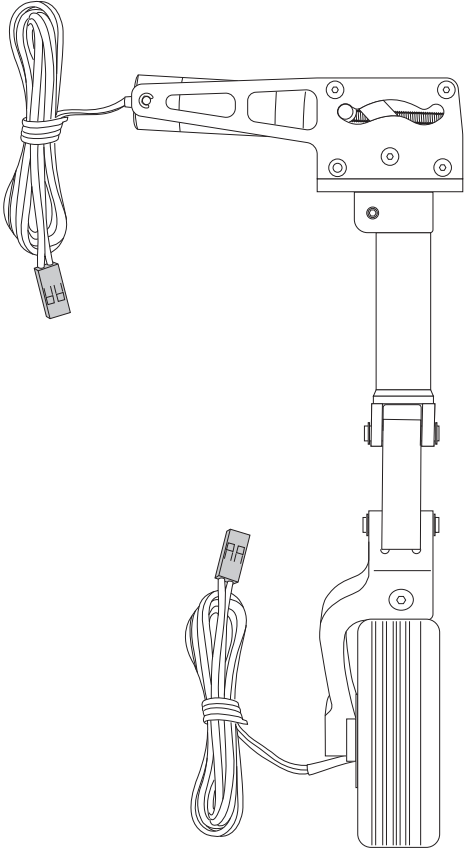
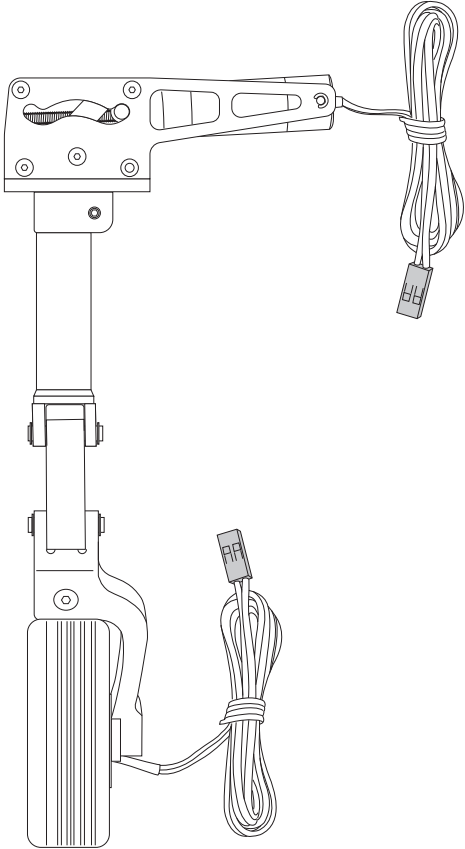
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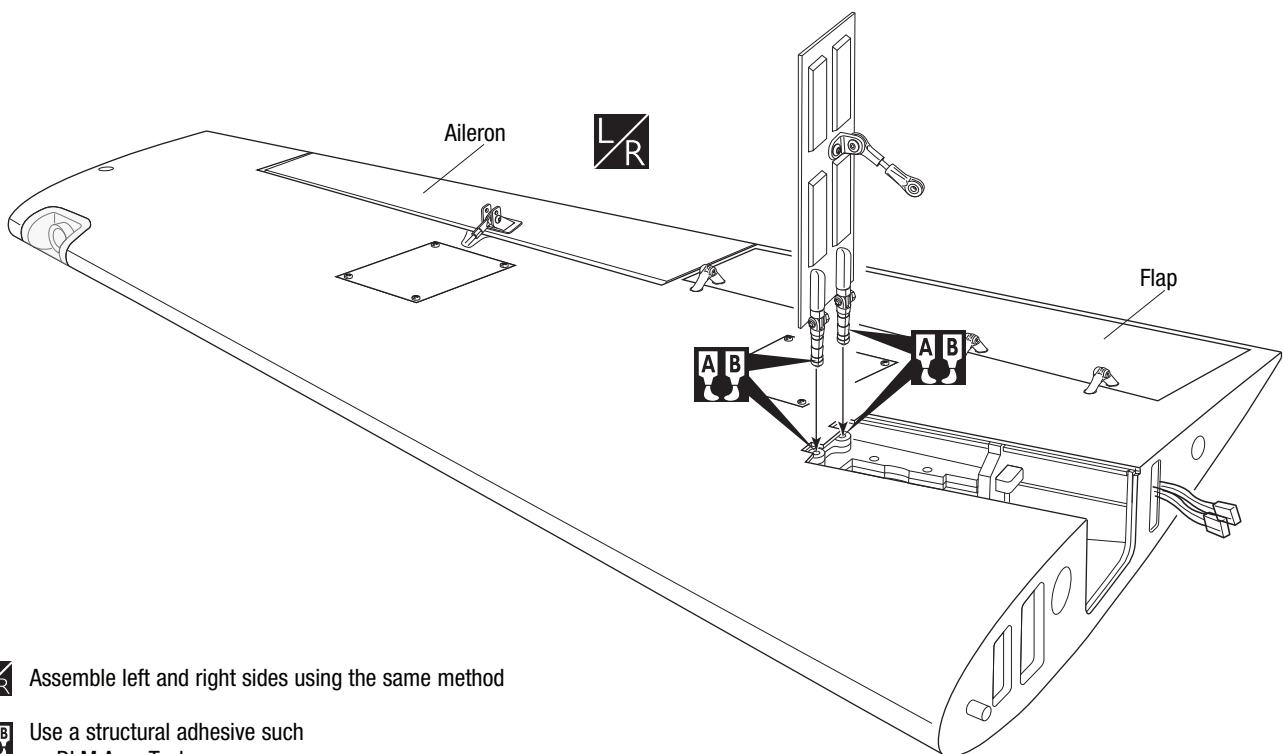
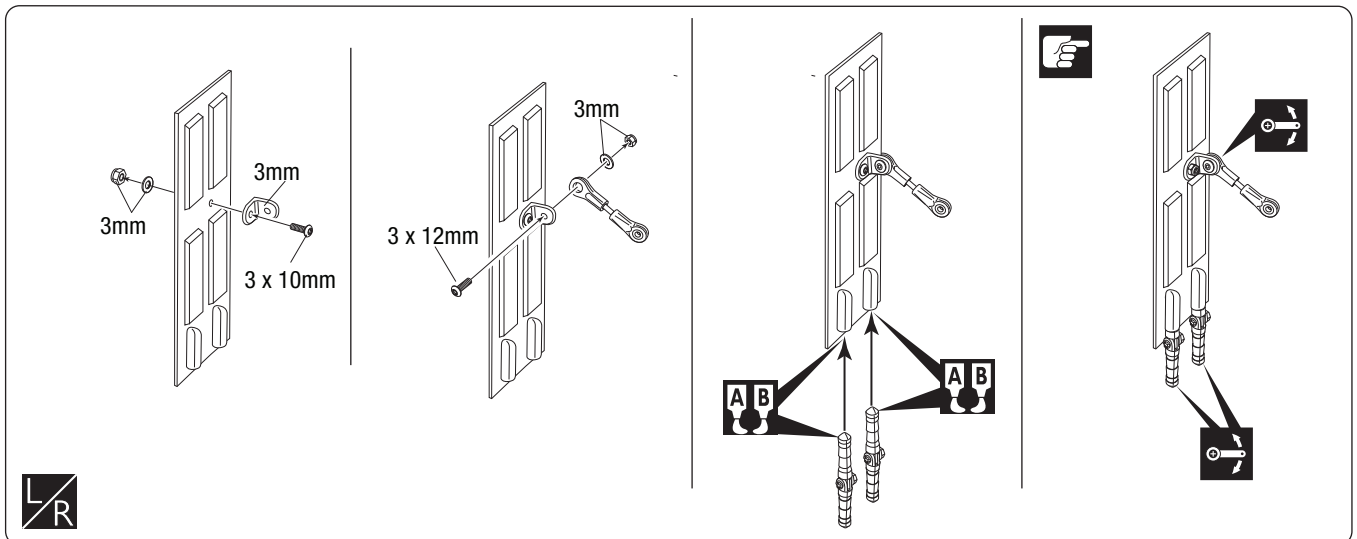
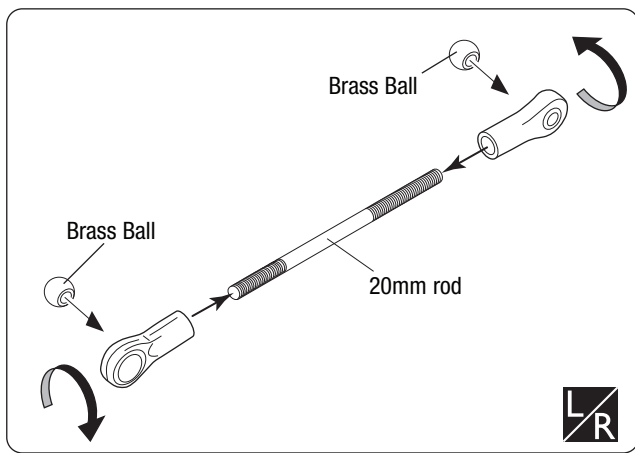
Barbed Pin Hinges

 4

M3 x 20mm Pushrod

 2

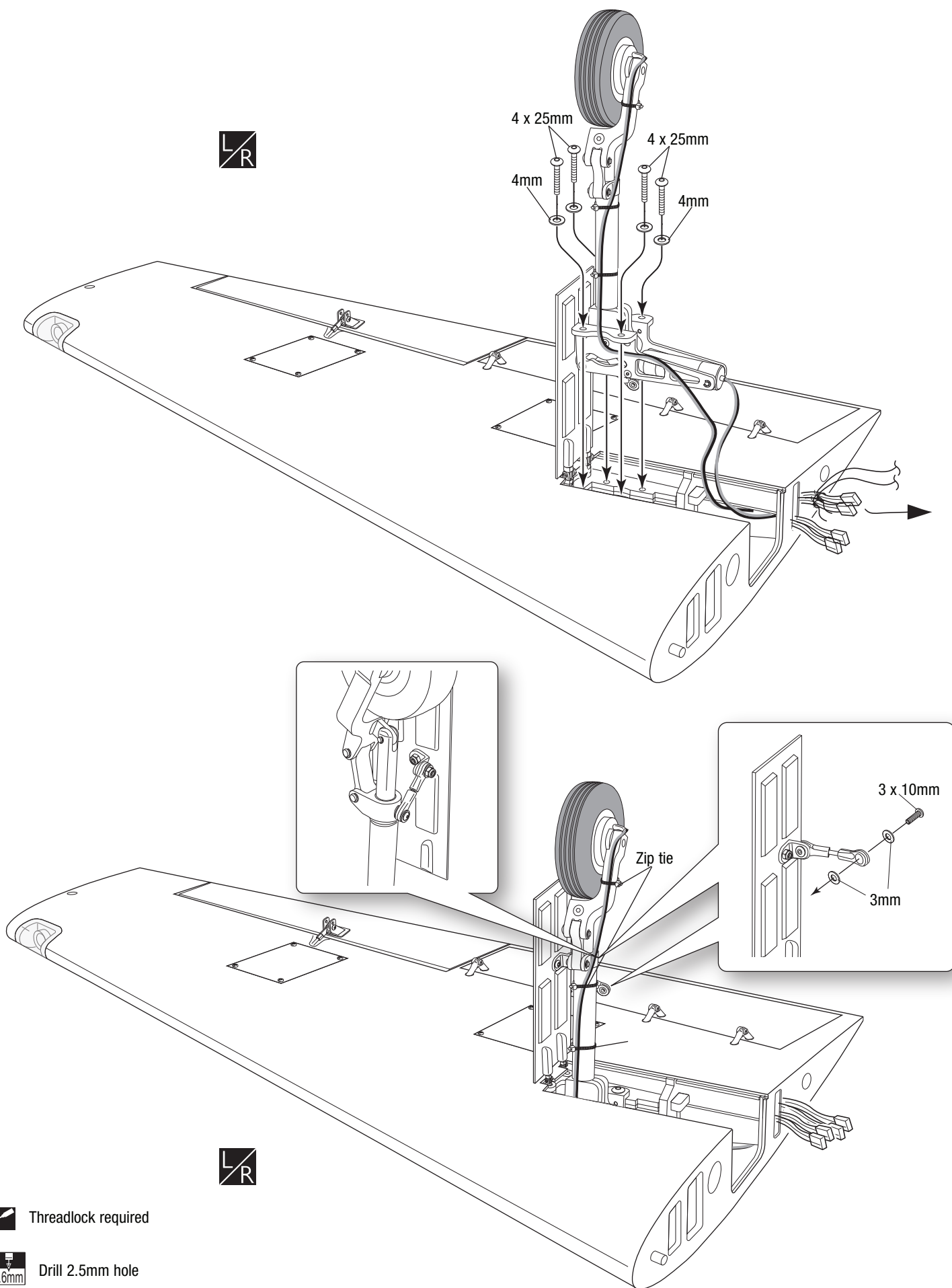





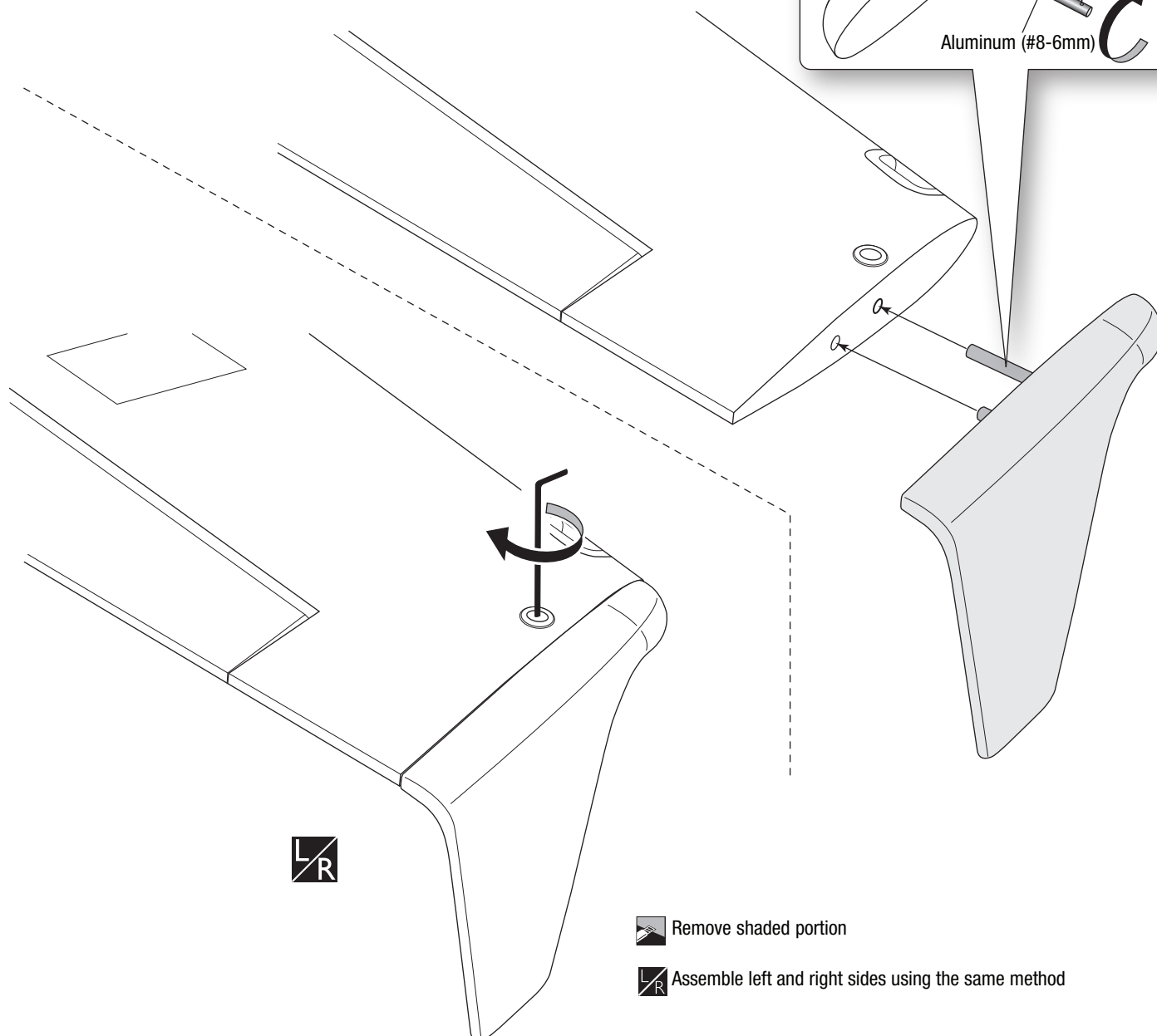
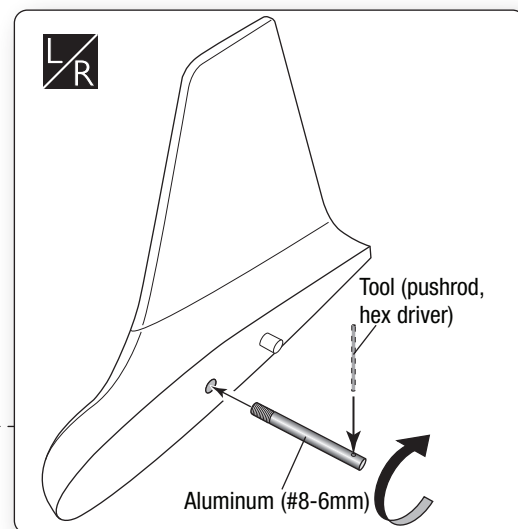
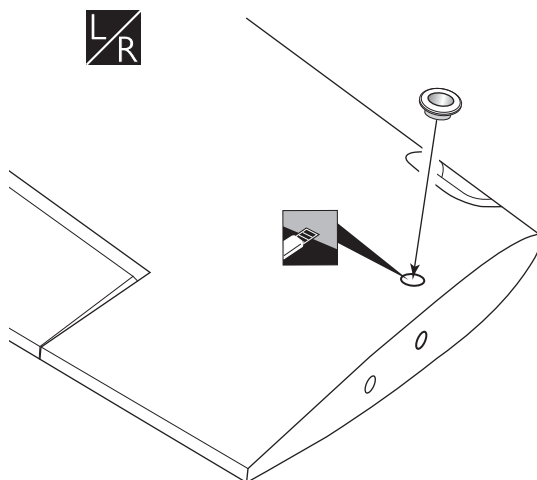
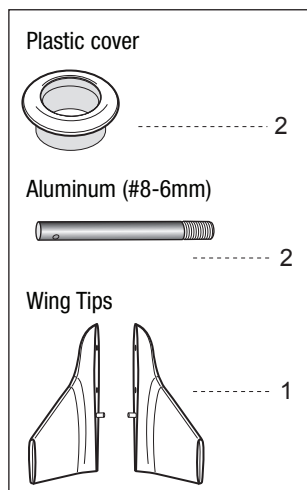
 Assemble left and right sides using the same method

 Use a structural adhesive such as DLM Aero Tech epoxy.

 Ensure linkages move smoothly during assembling.
Ensure the hinges are properly secured before proceeding.



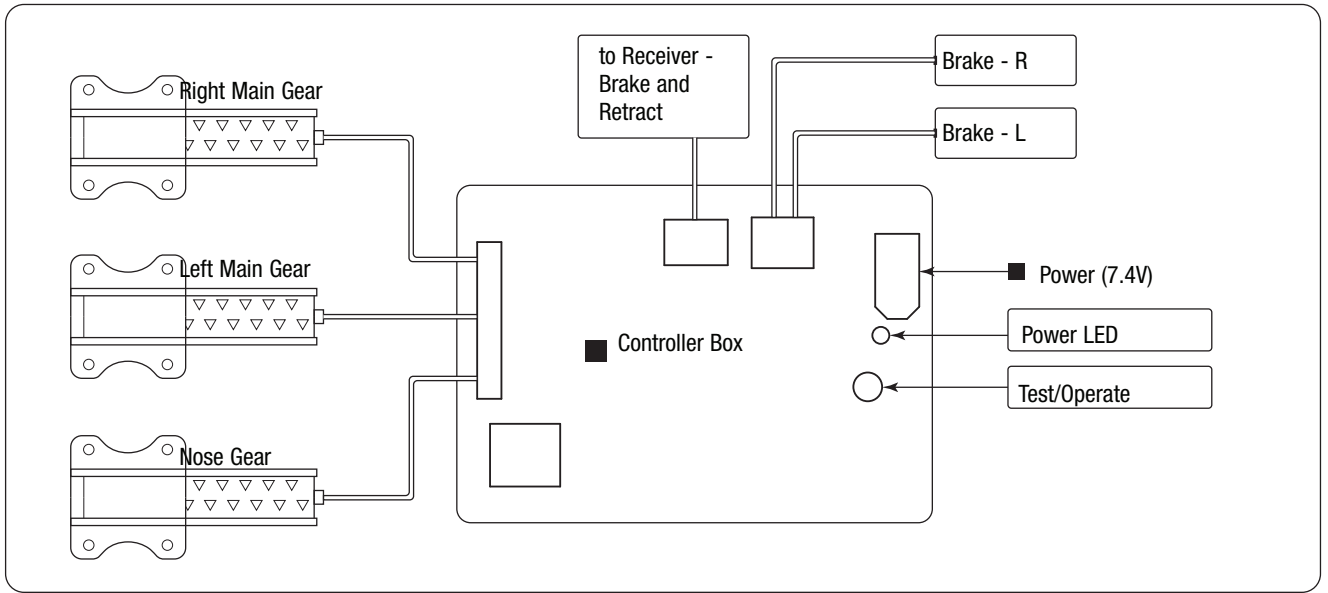
WING TIP INSTALLATION



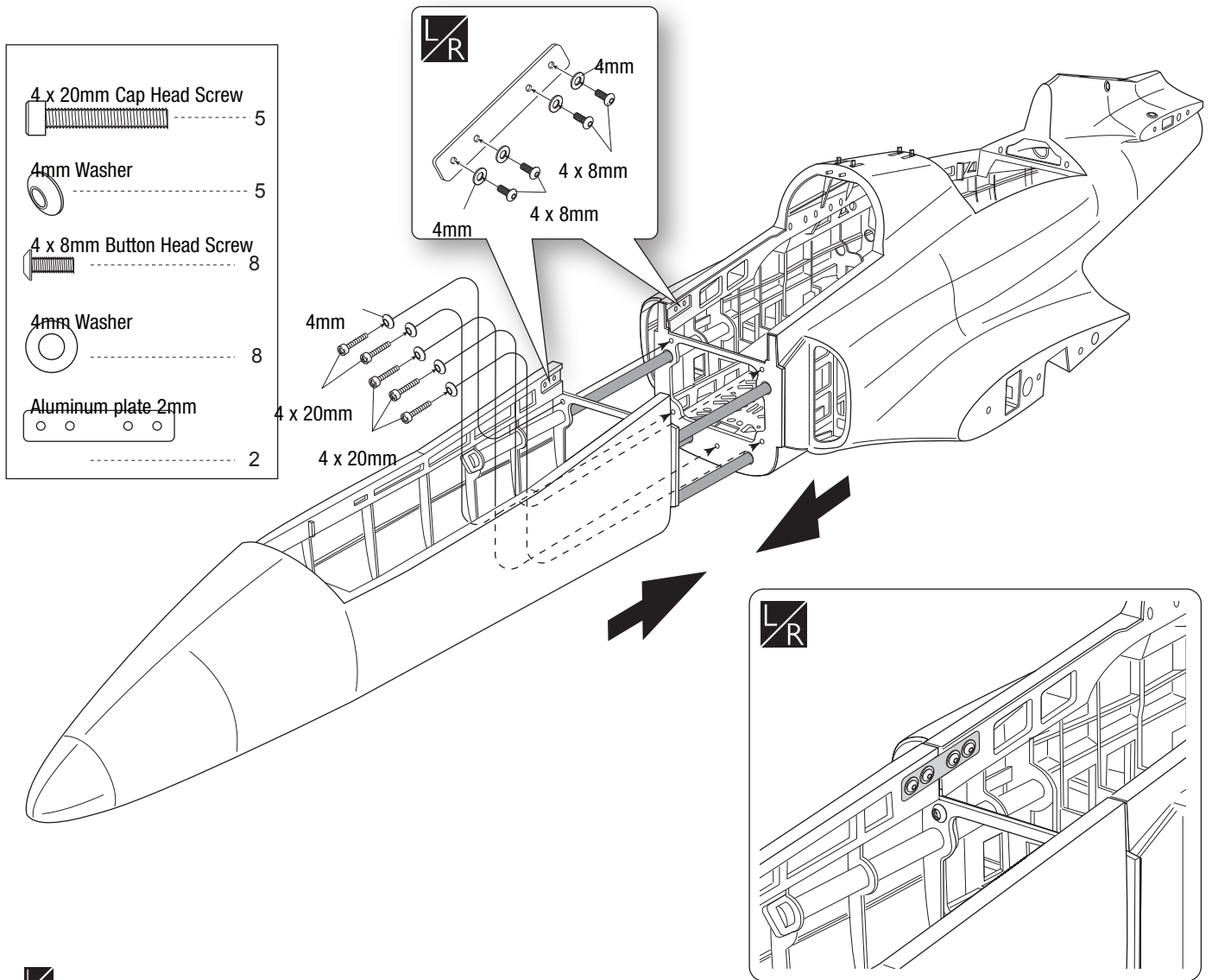
 Remove shaded portion

L/R Assemble left and right sides using the same method

ELECTRIC RETRACT SYSTEM

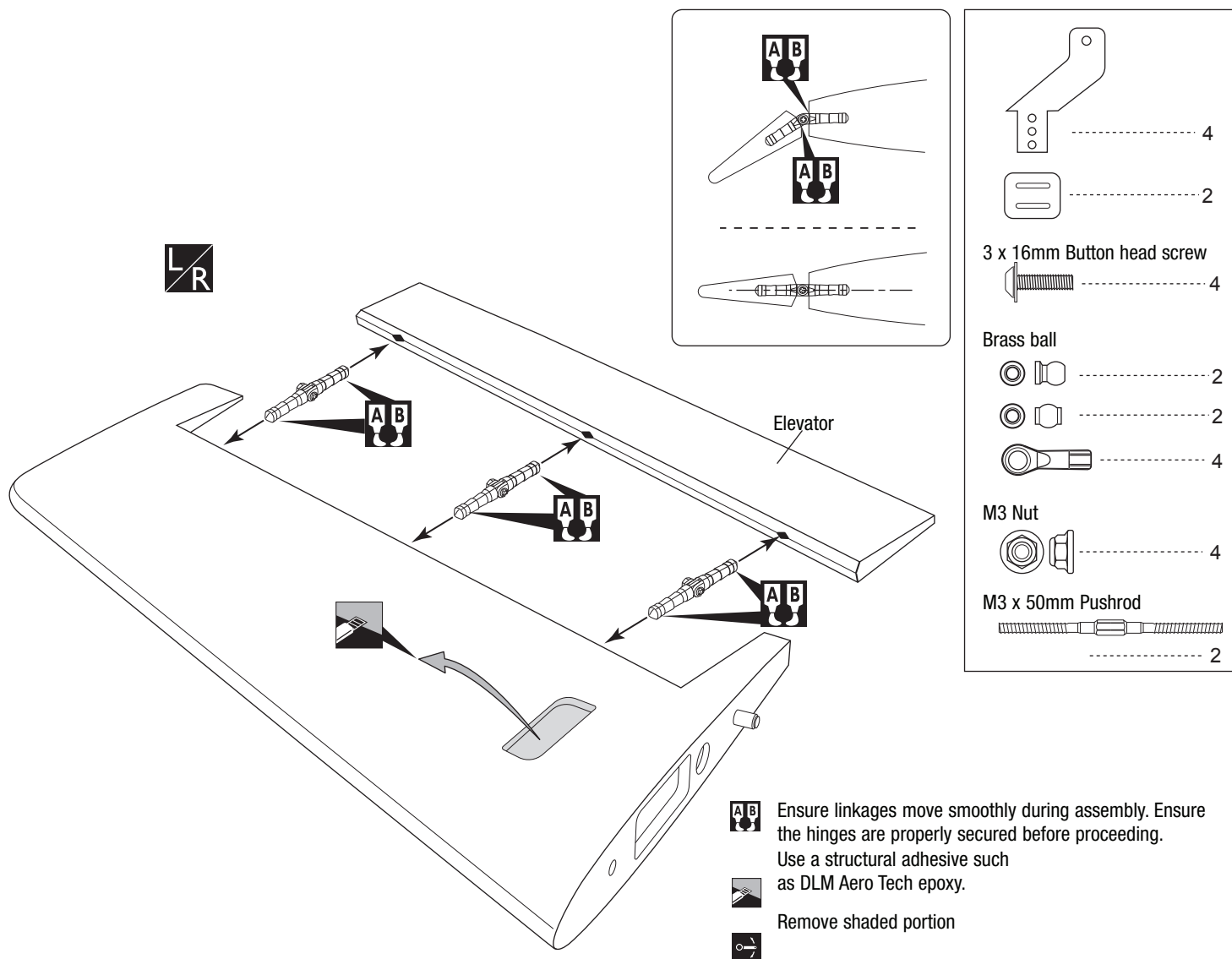


JOINING THE FUSELAGE

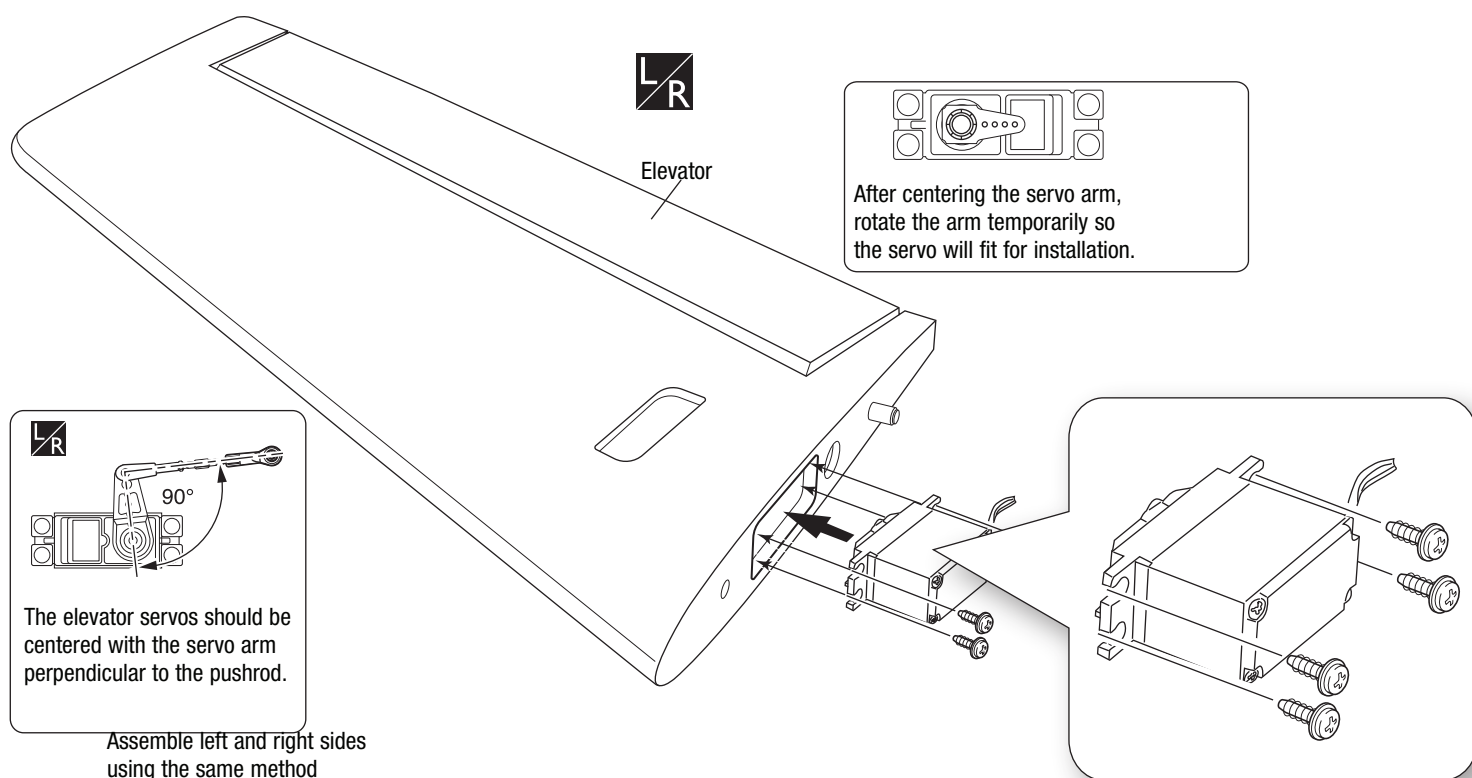


 Assemble left and right sides using the same method

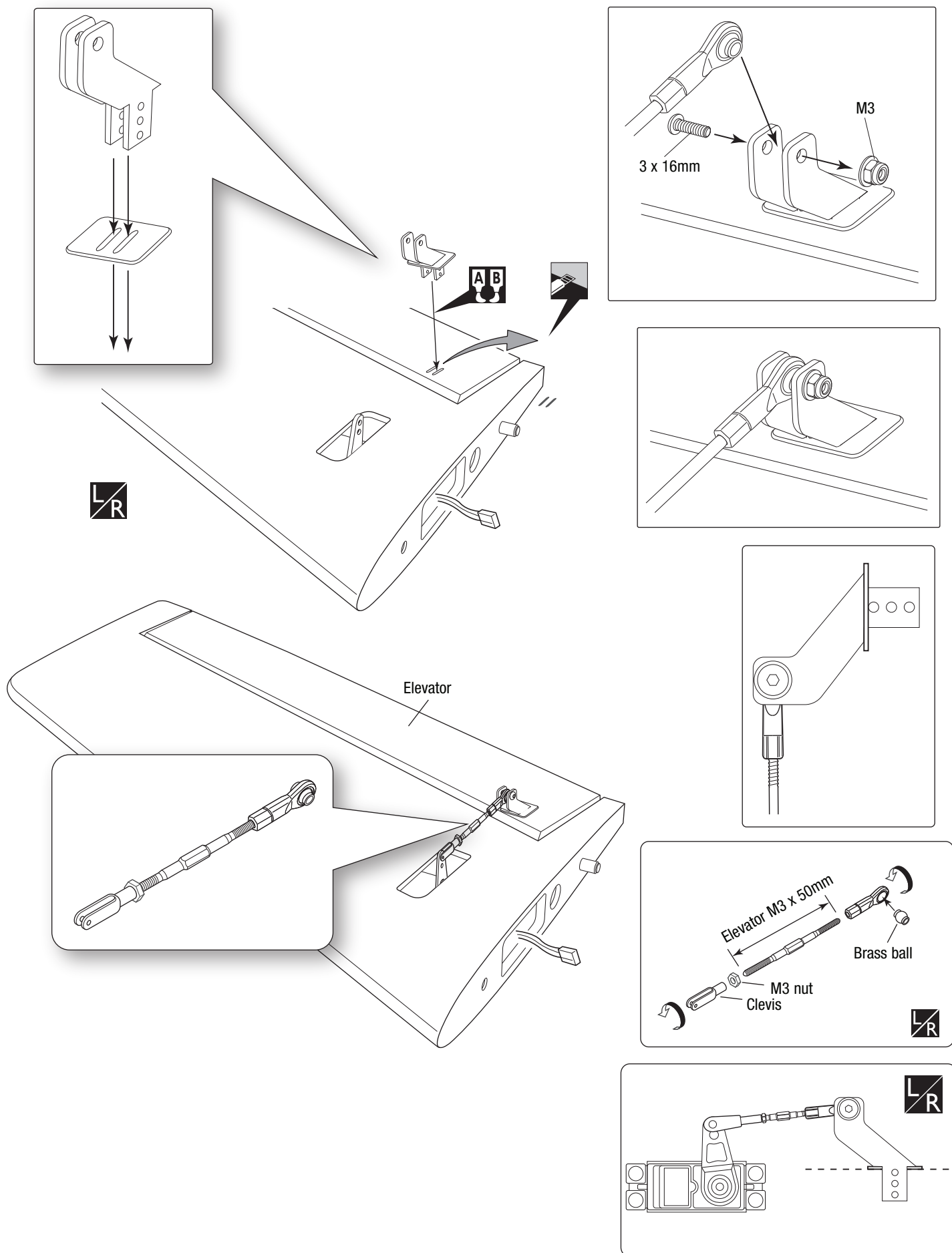
ELEVATOR HINGE INSTALLATION



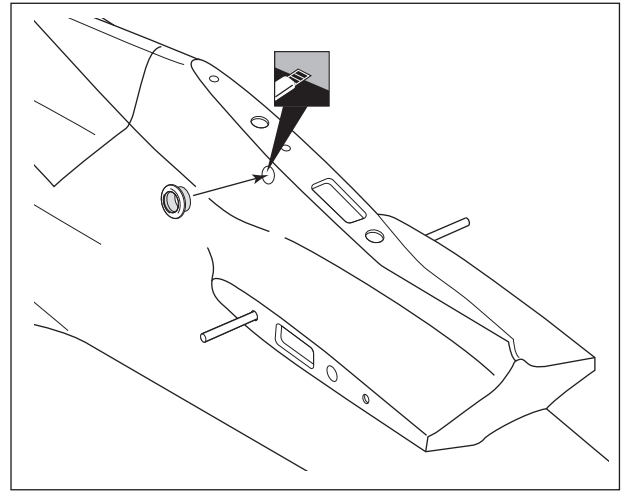
ELEVATOR SERVO INSTALLATION



ELEVATOR SERVO LINKAGE INSTALLATION

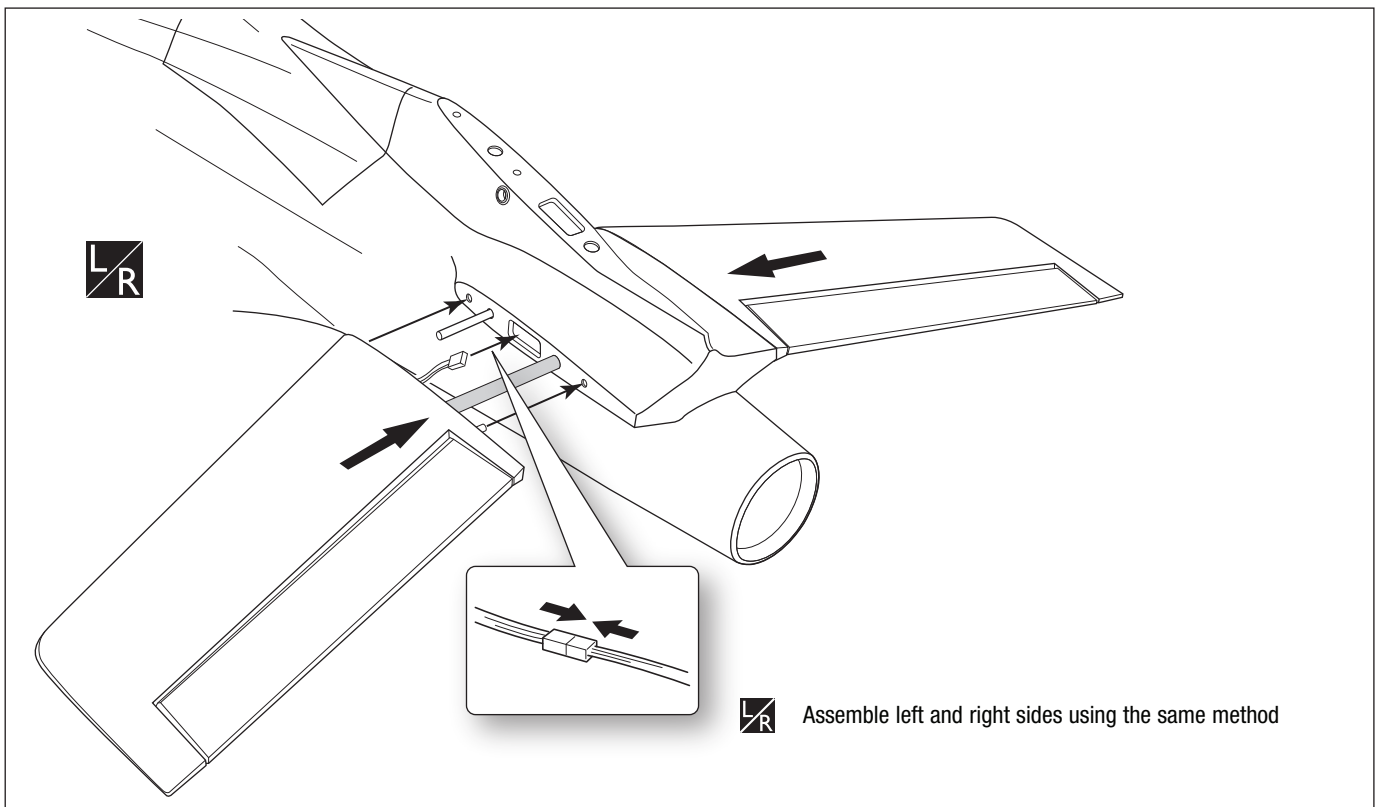
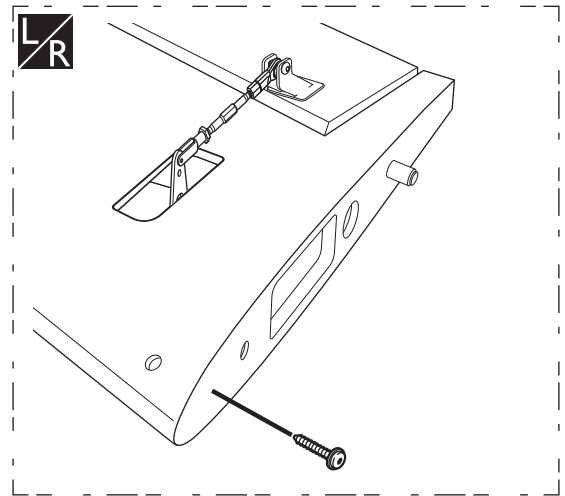


-  Use a structural adhesive such as DLM Aero Tech epoxy.
 -  Remove shaded portion
 -  Assemble left and right sides using the same method

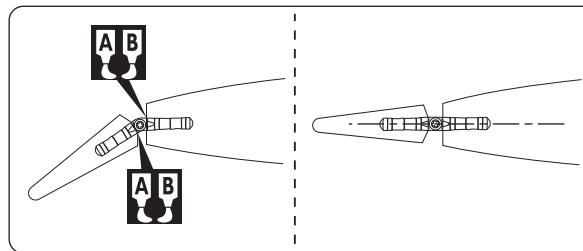


 Remove shaded portion

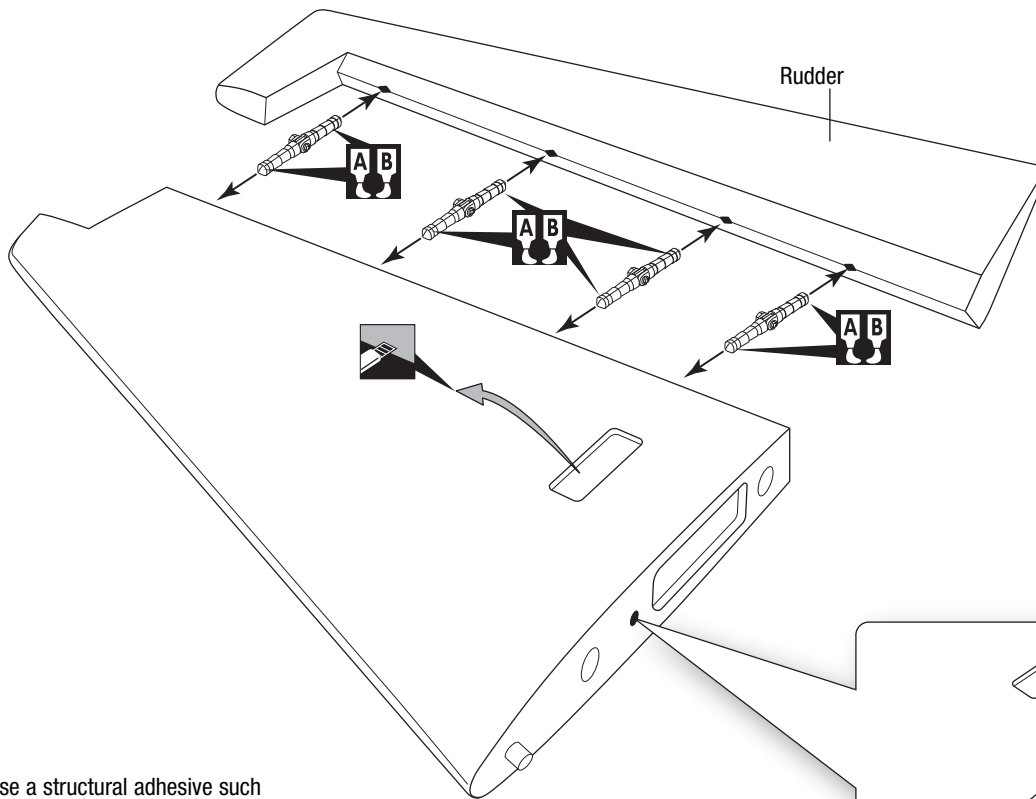
SECURING THE HORIZONTAL STABILIZER HALVES



RUDDER HINGE INSTALLATION



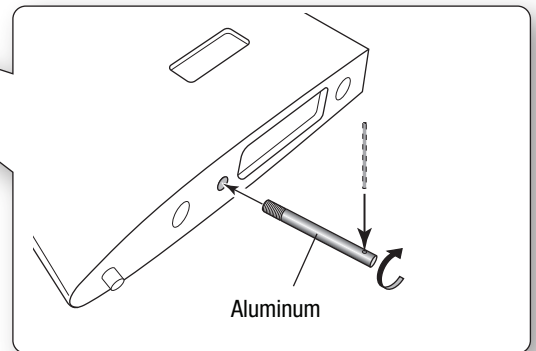
	2
	1
3 x 16mm Button head screw	
	2
Brass ball	
	1
	1
	2
M3 Nut	
	2
Aluminum	
	1
M3 x 50mm Pushrod	
	1



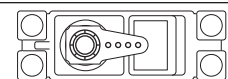
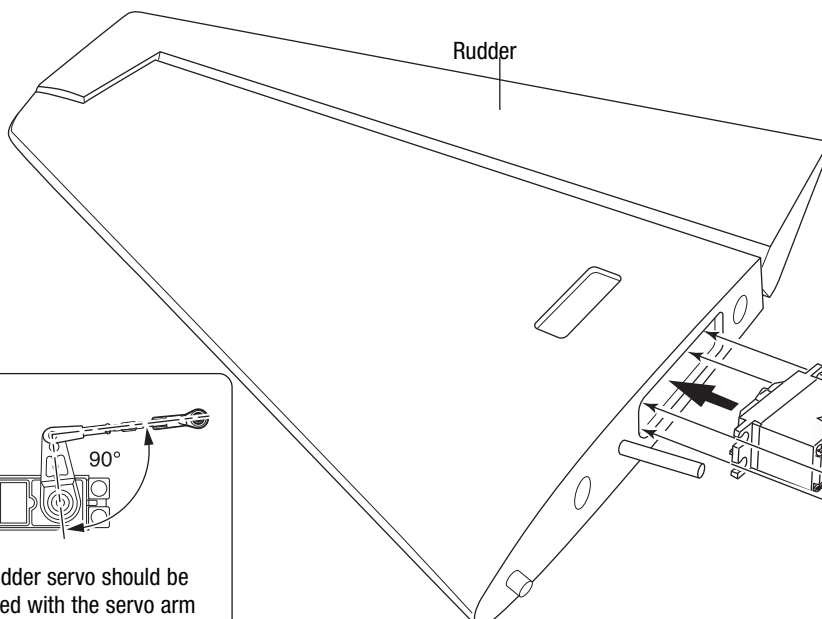
A B Use a structural adhesive such as DLM Aero Tech epoxy.

Remove shaded portion

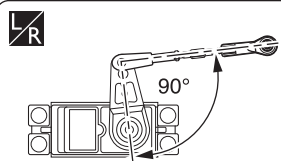
Ensure linkages move smoothly during assembly. Ensure the hinges are properly secured before proceeding.



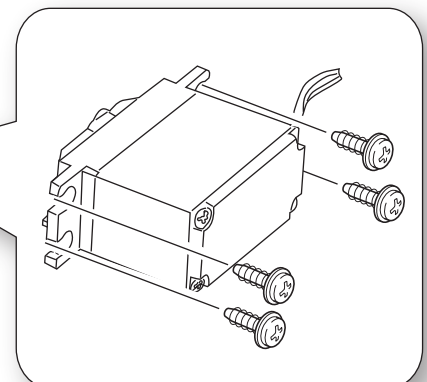
INSTALLING THE RUDDER SERVO

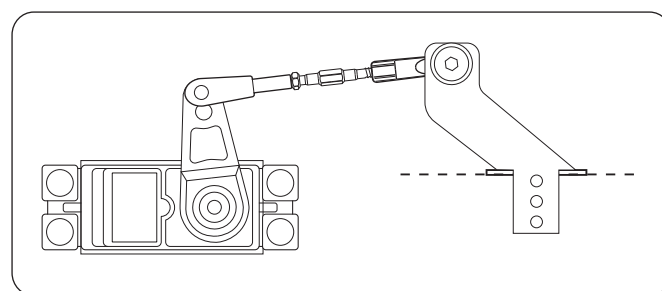
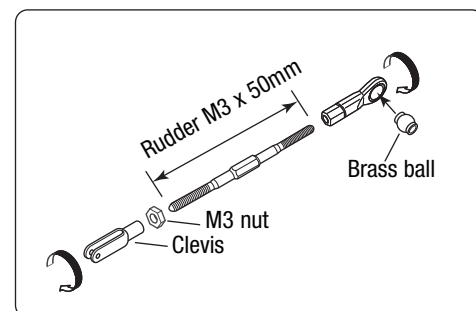
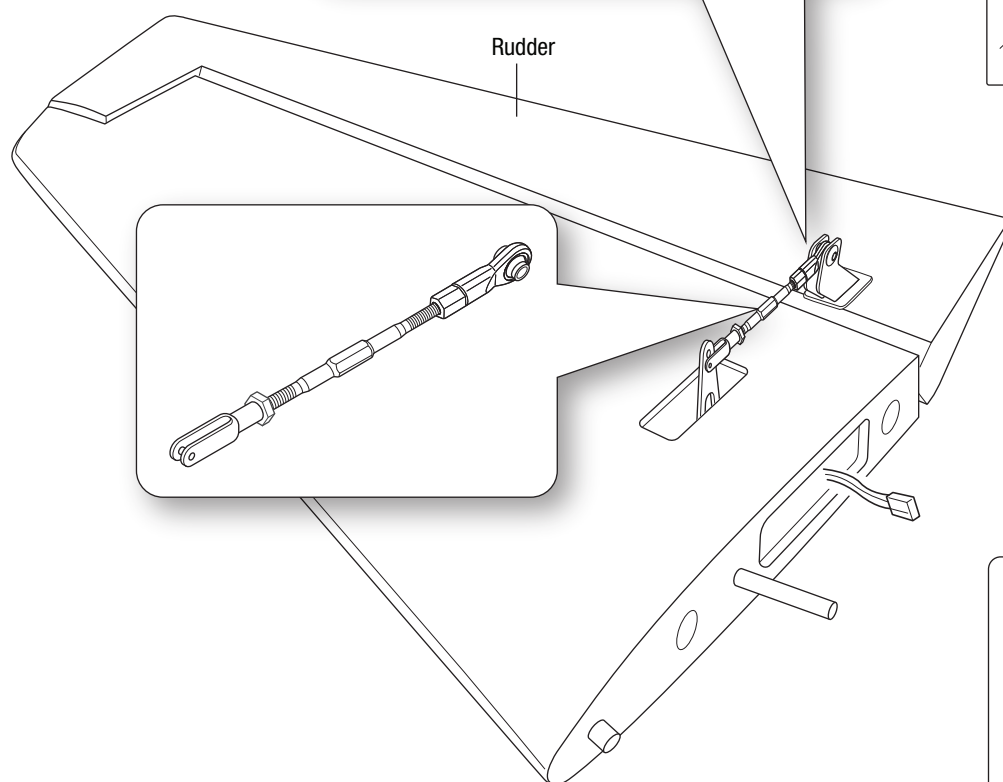
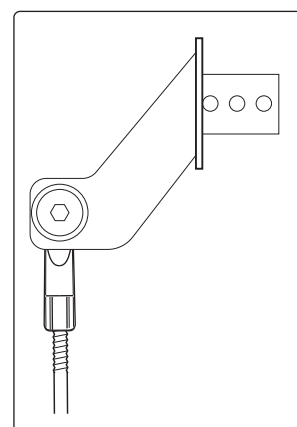
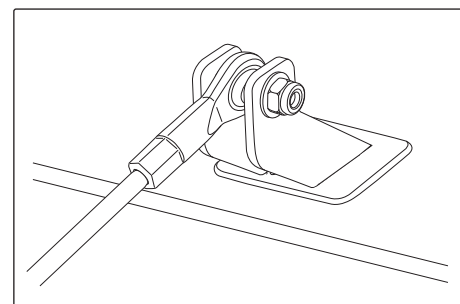
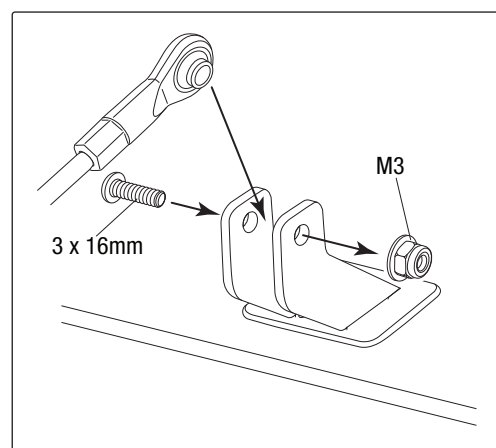
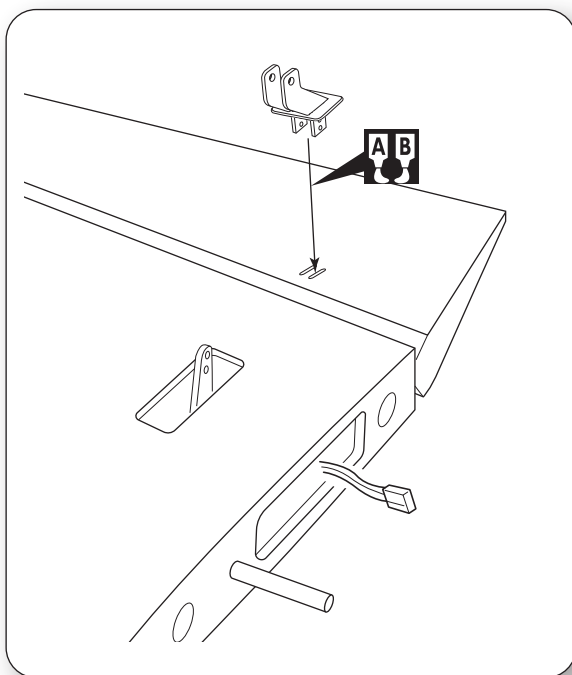
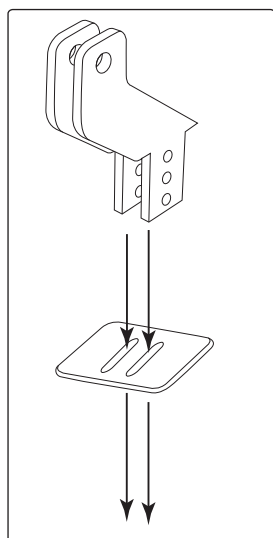


After centering the servo arm, rotate the arm temporarily so the servo will fit for installation.



The rudder servo should be centered with the servo arm perpendicular to the pushrod.

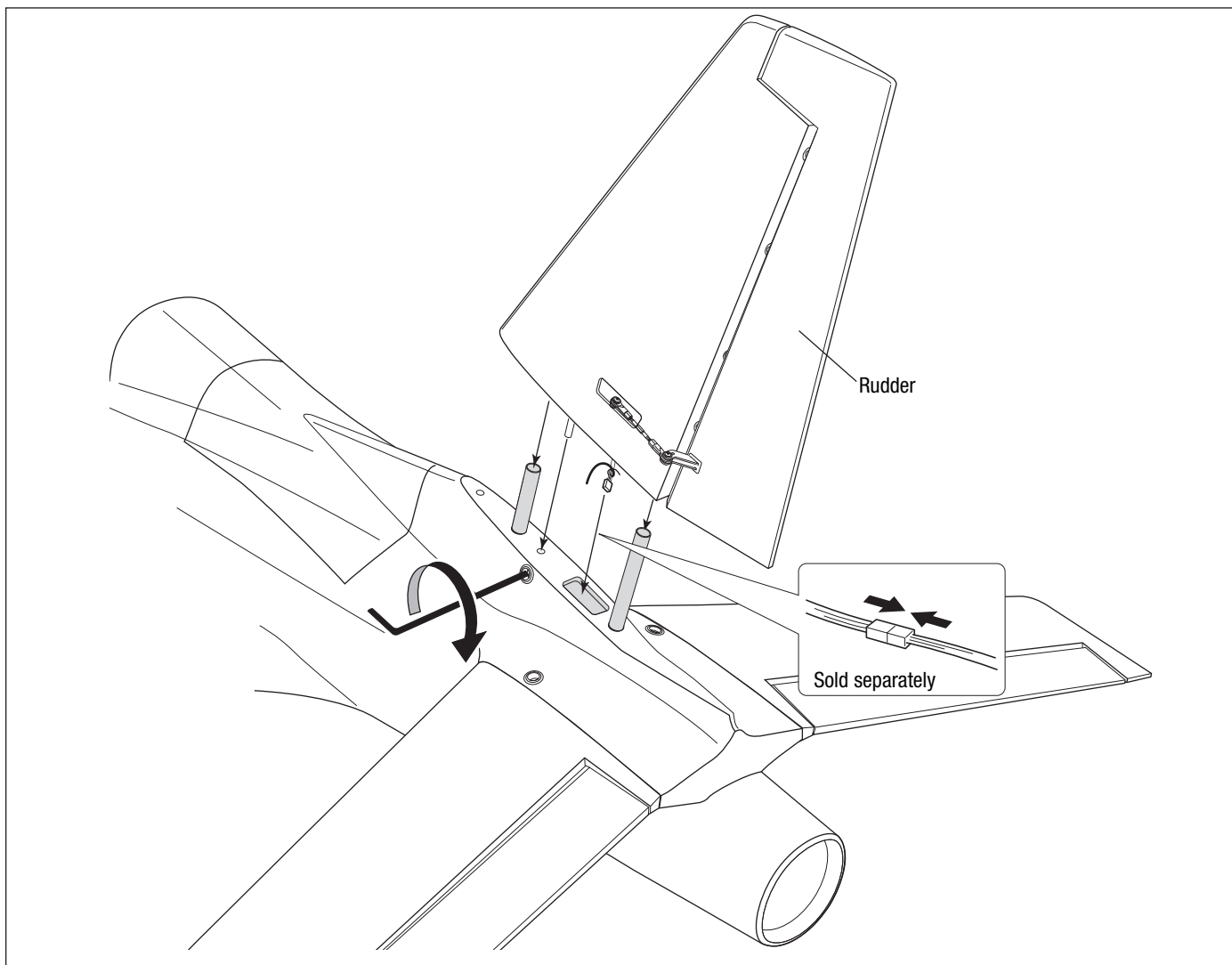




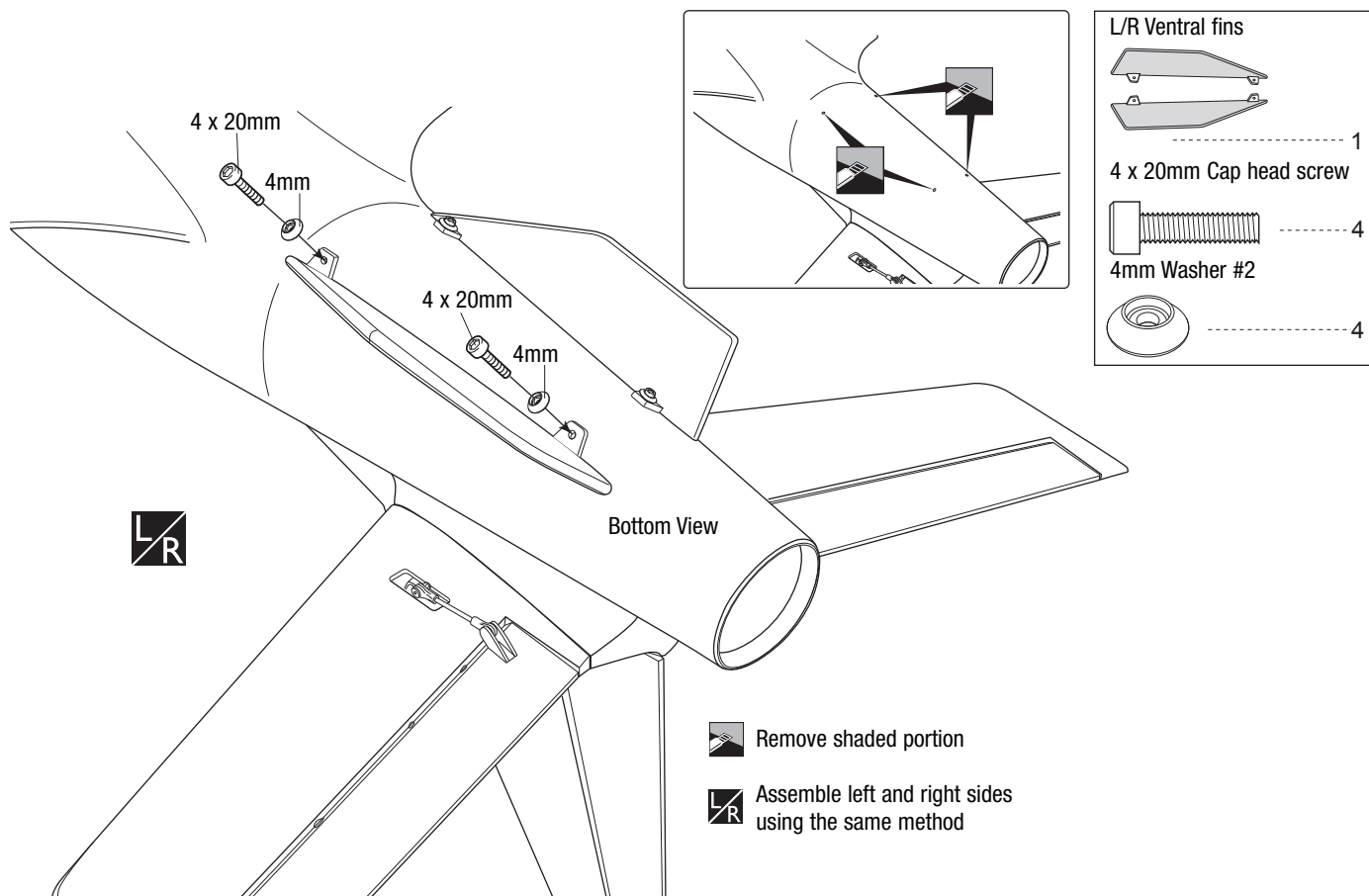
Use a structural adhesive such as DLM Aero Tech epoxy.

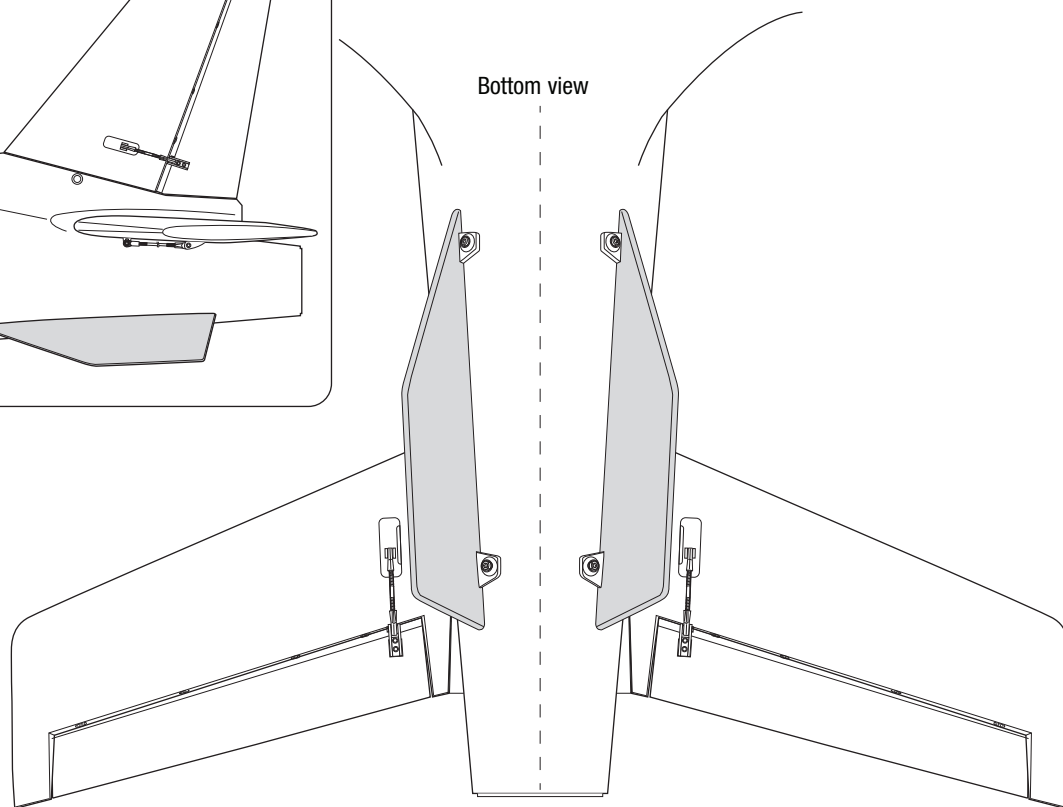
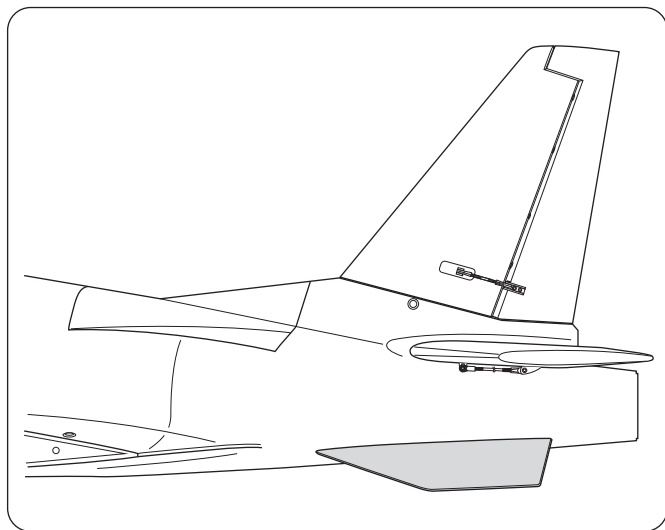


Remove shaded portion



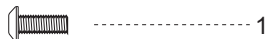
VENTRAL FIN INSTALLATION





NOSE GEAR STEERING SERVO INSTALLATION

3 x 12mm Button head screw



1

M3 Nylock nut



1

3mm Washer



1

Aluminum ball

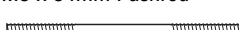


1

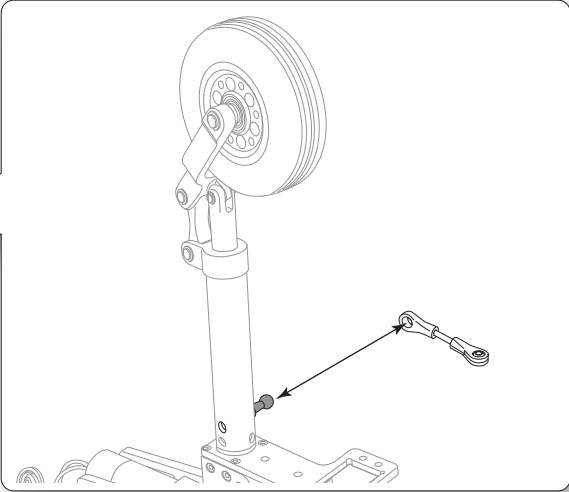
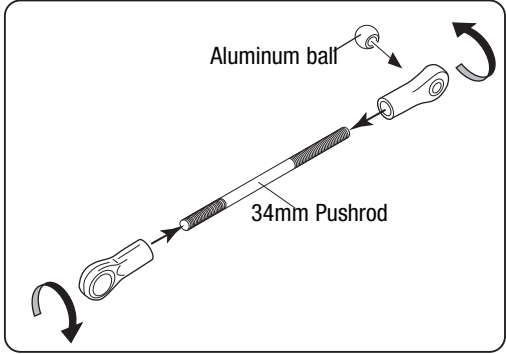
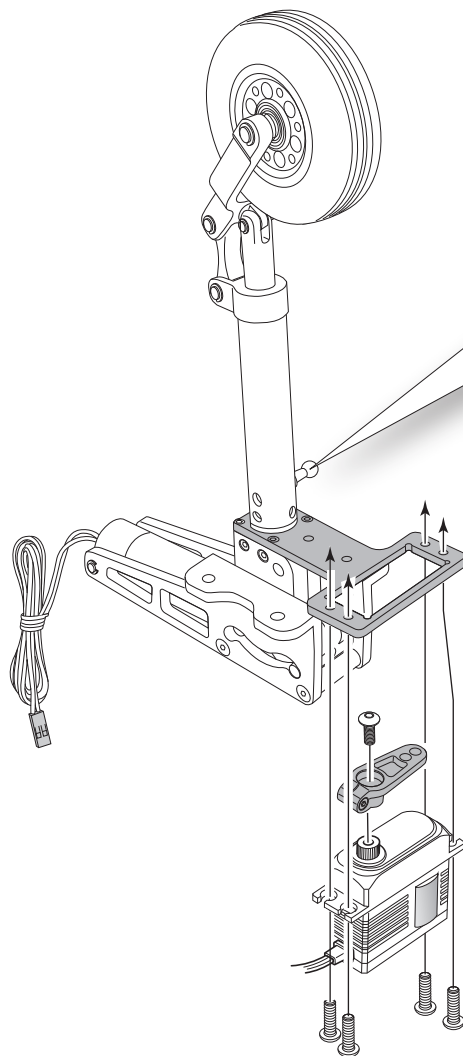


2

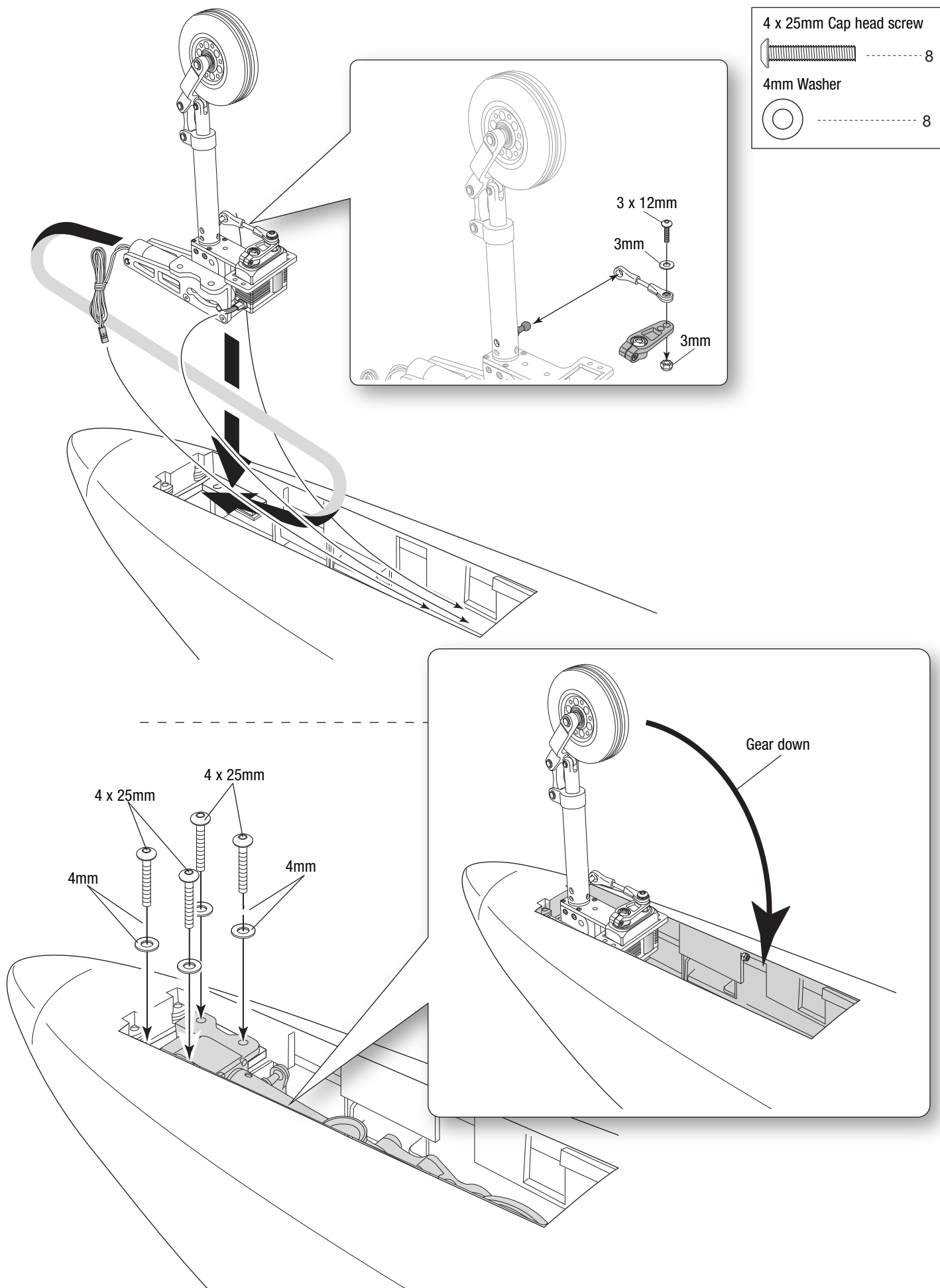
M3 x 34mm Pushrod

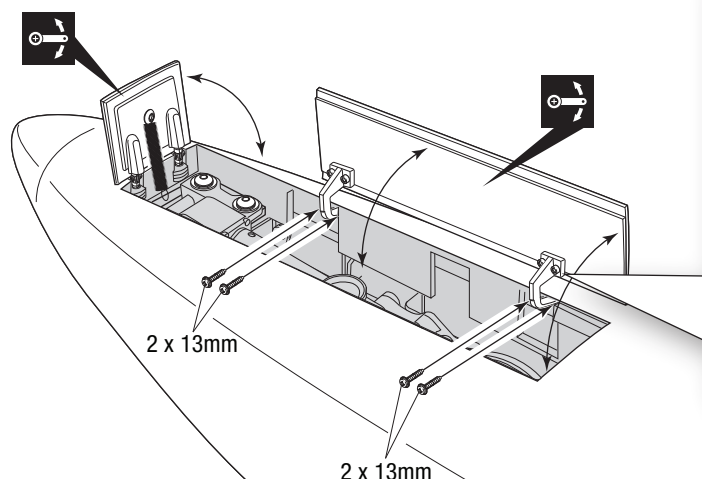
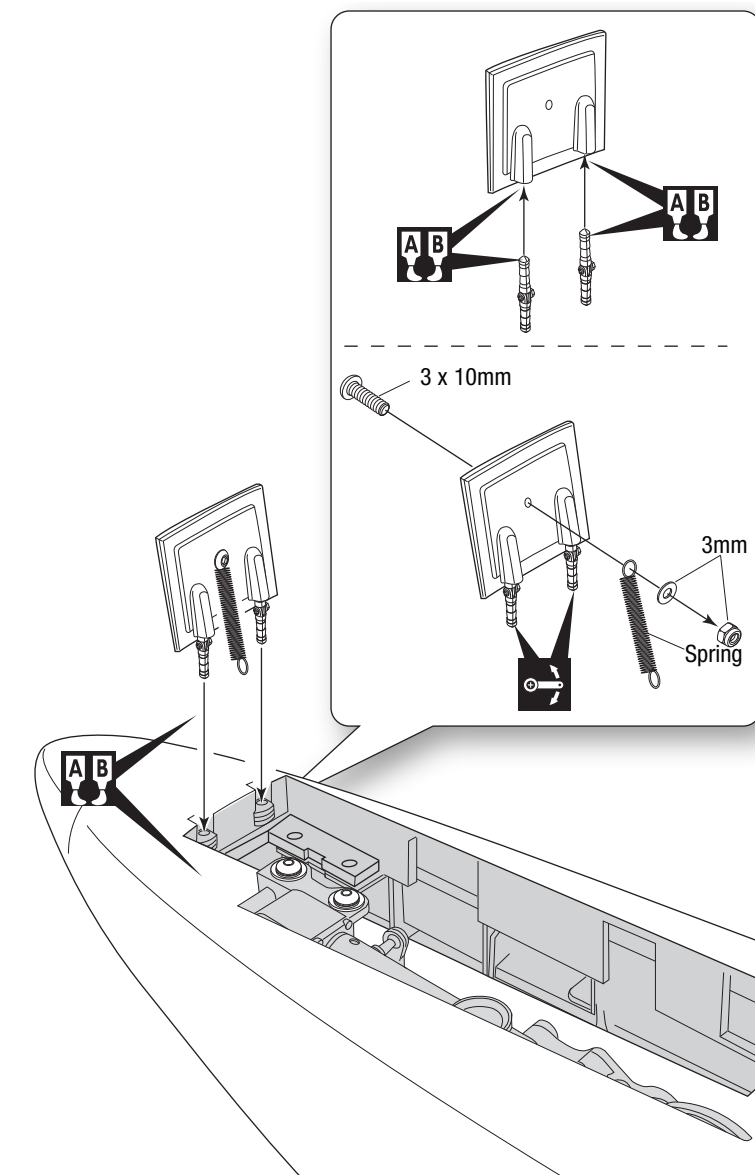


1



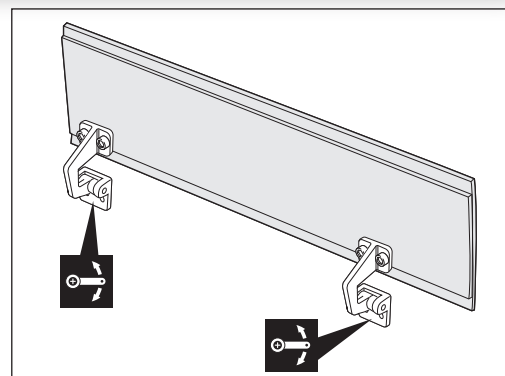
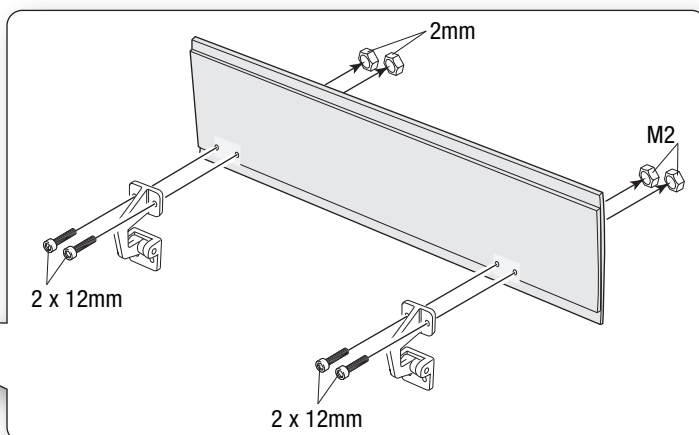
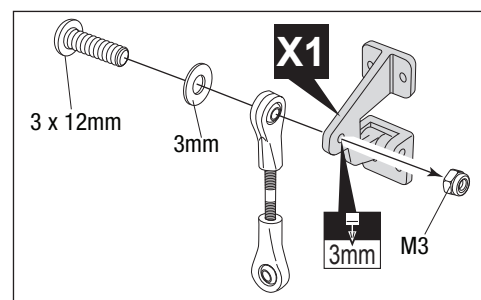
➡ Ensure linkages move smoothly during assembly.





Plastic pin hinges M (#3)	2
Plastic hinges (#8)	2
4 x 8mm Button head screw	1
Spring (#28)	1
Aluminum ball	2
M3 x 34mm Pushrod	1

M3 Nylock nut	3
3mm Washer	3
3 x 12mm Button head screw	2
3 x 10mm Button head screw	1
2 x 13mm Self tapping screw	6
2 x 12mm Cap head screw	6
M2 Nut	6



Drill 3mm hole



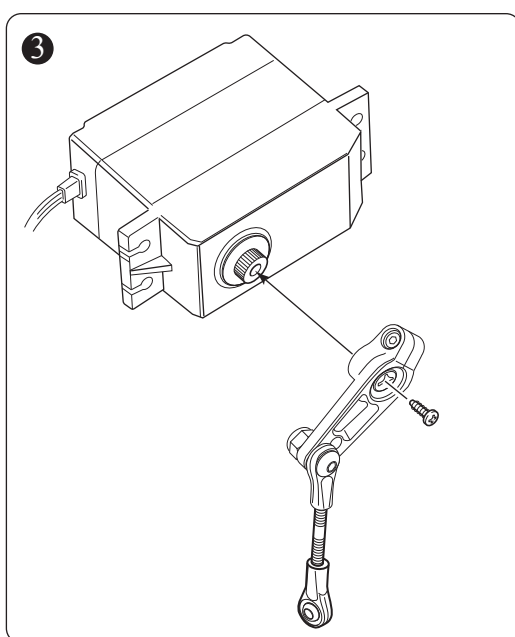
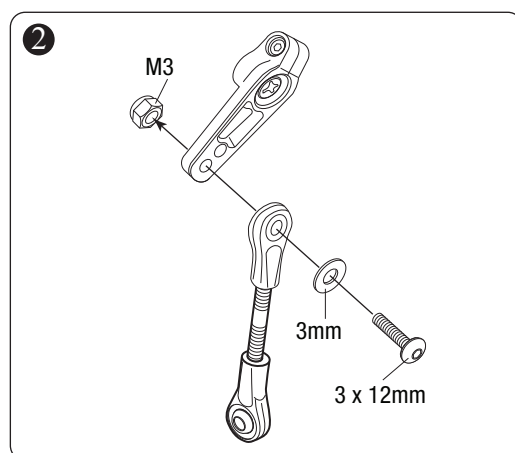
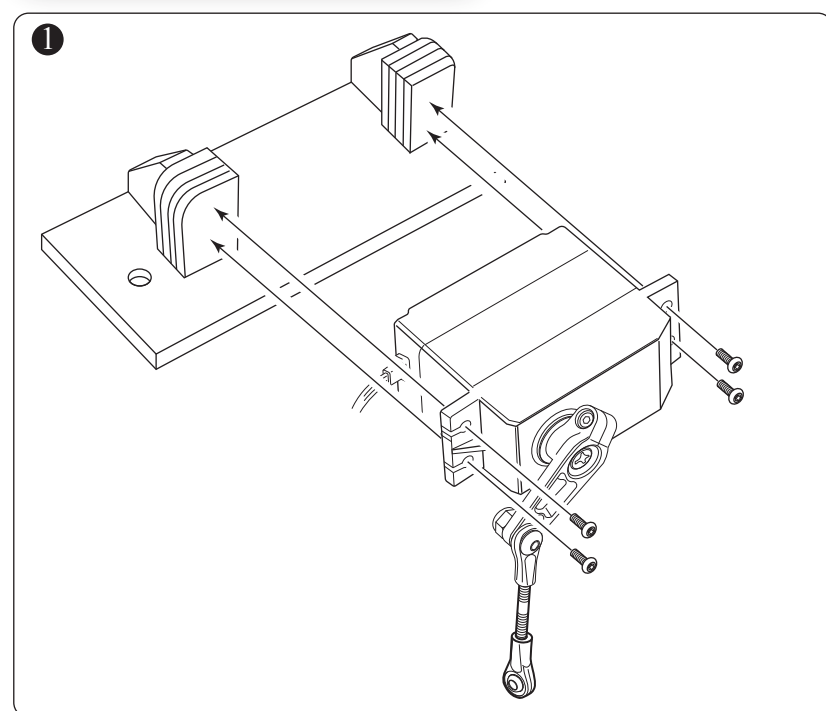
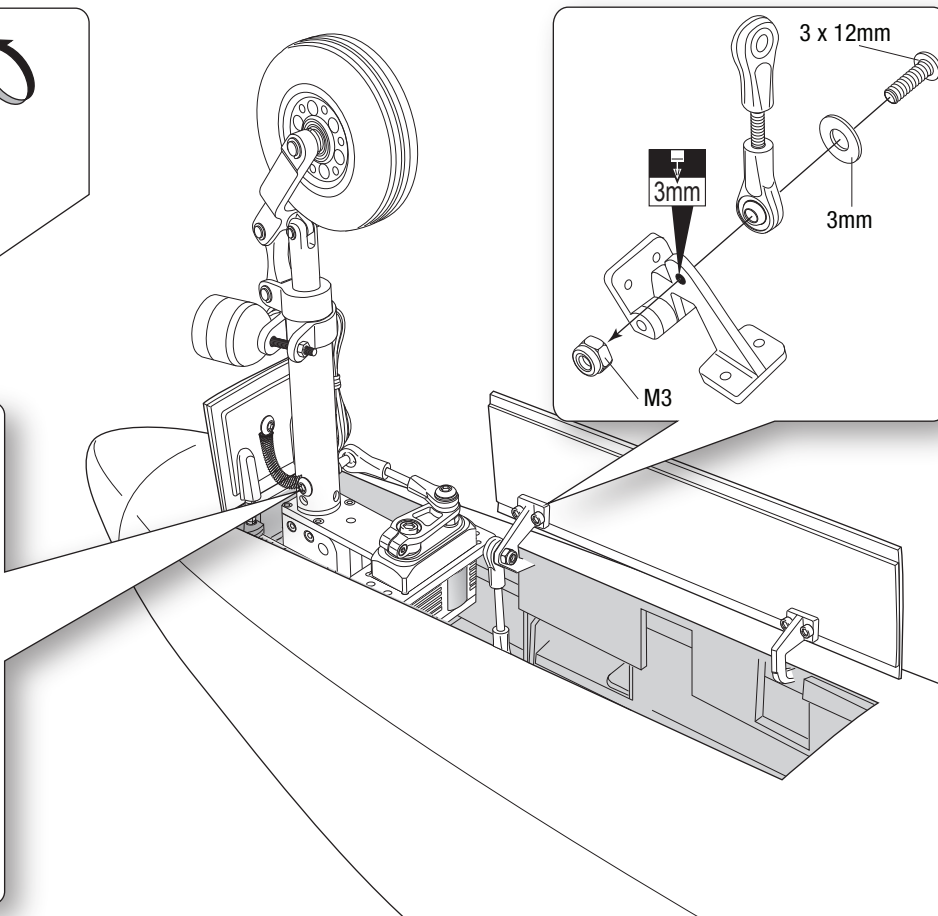
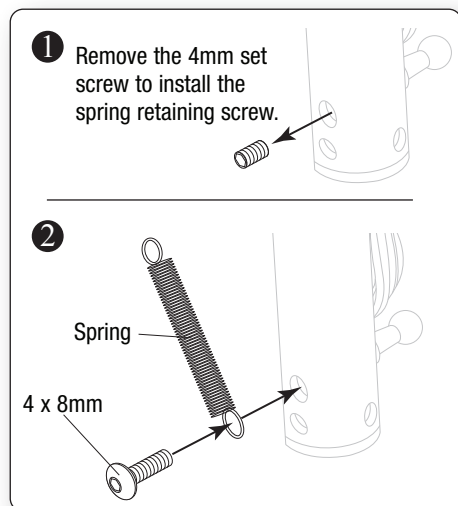
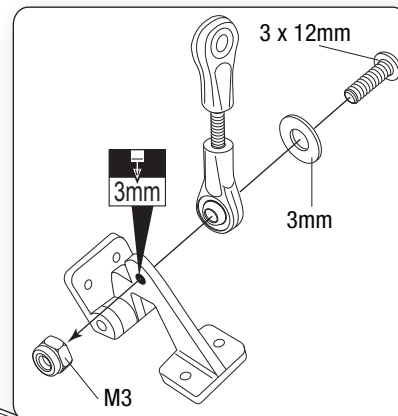
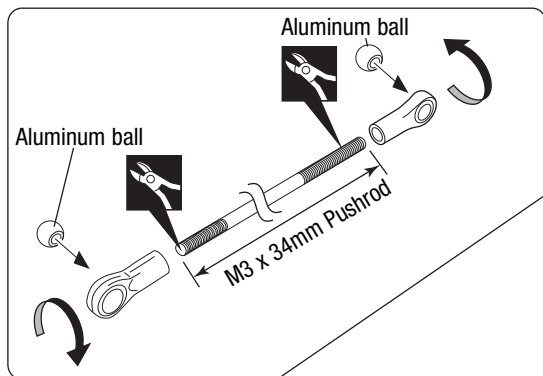
Use a structural adhesive such as DLM Aero Tech epoxy.



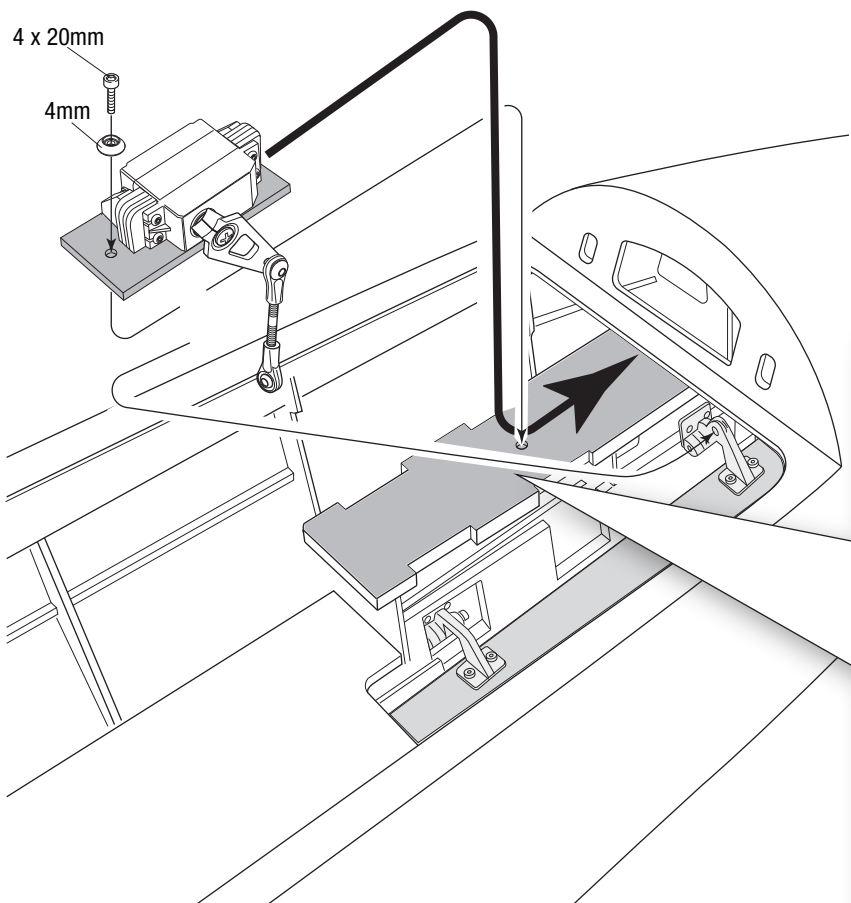
Remove shaded portion



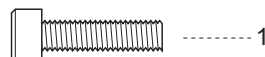
Ensure linkages move smoothly during assembly.
Ensure the hinges are properly secured before proceeding.



-  Trim excess
-  Drill 3mm hole
-  Assemble in the specified order



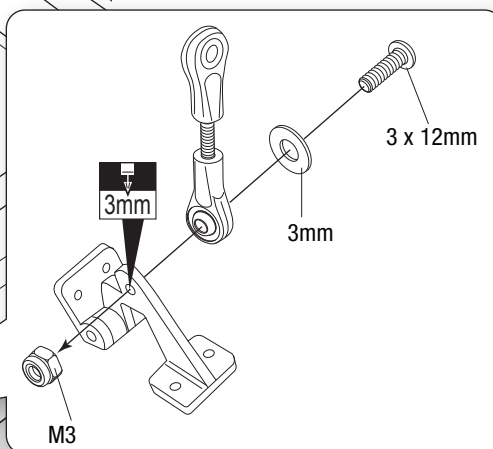
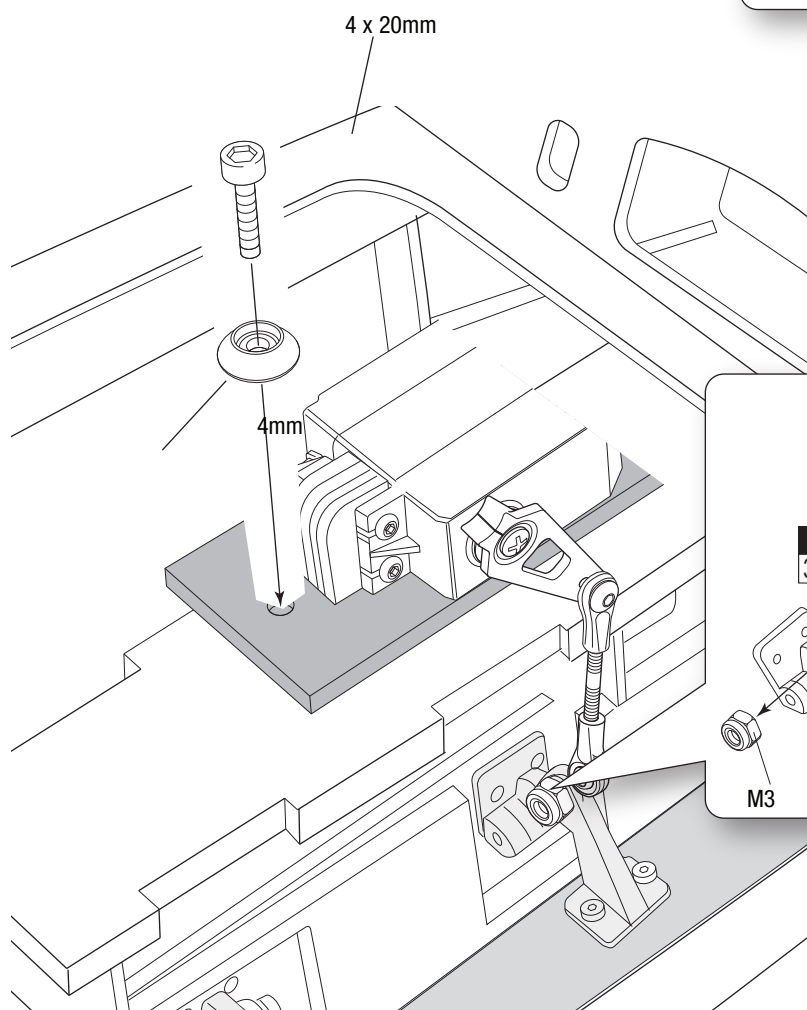
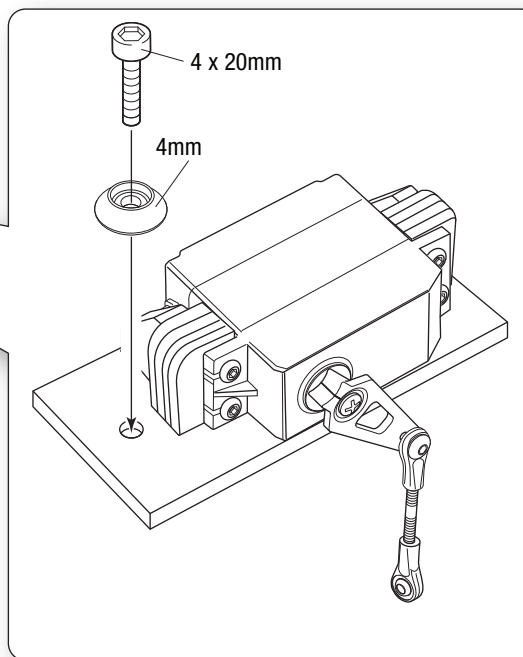
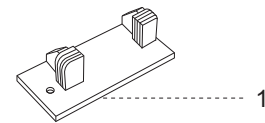
4 x 20mm Cap head screw



4mm Washer #2

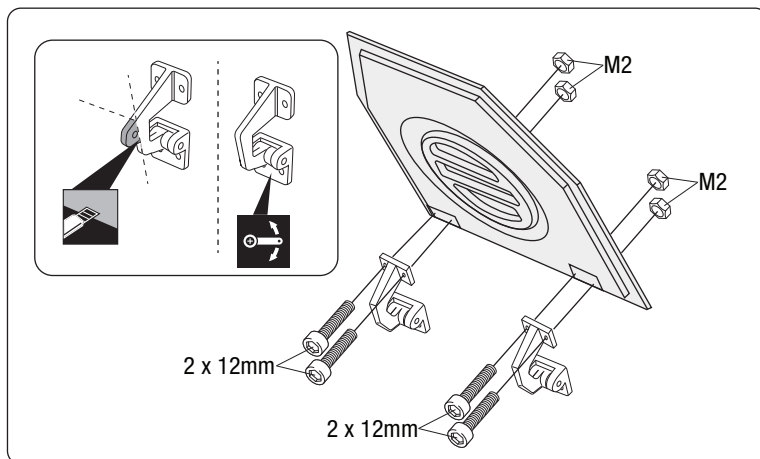


Wood plate



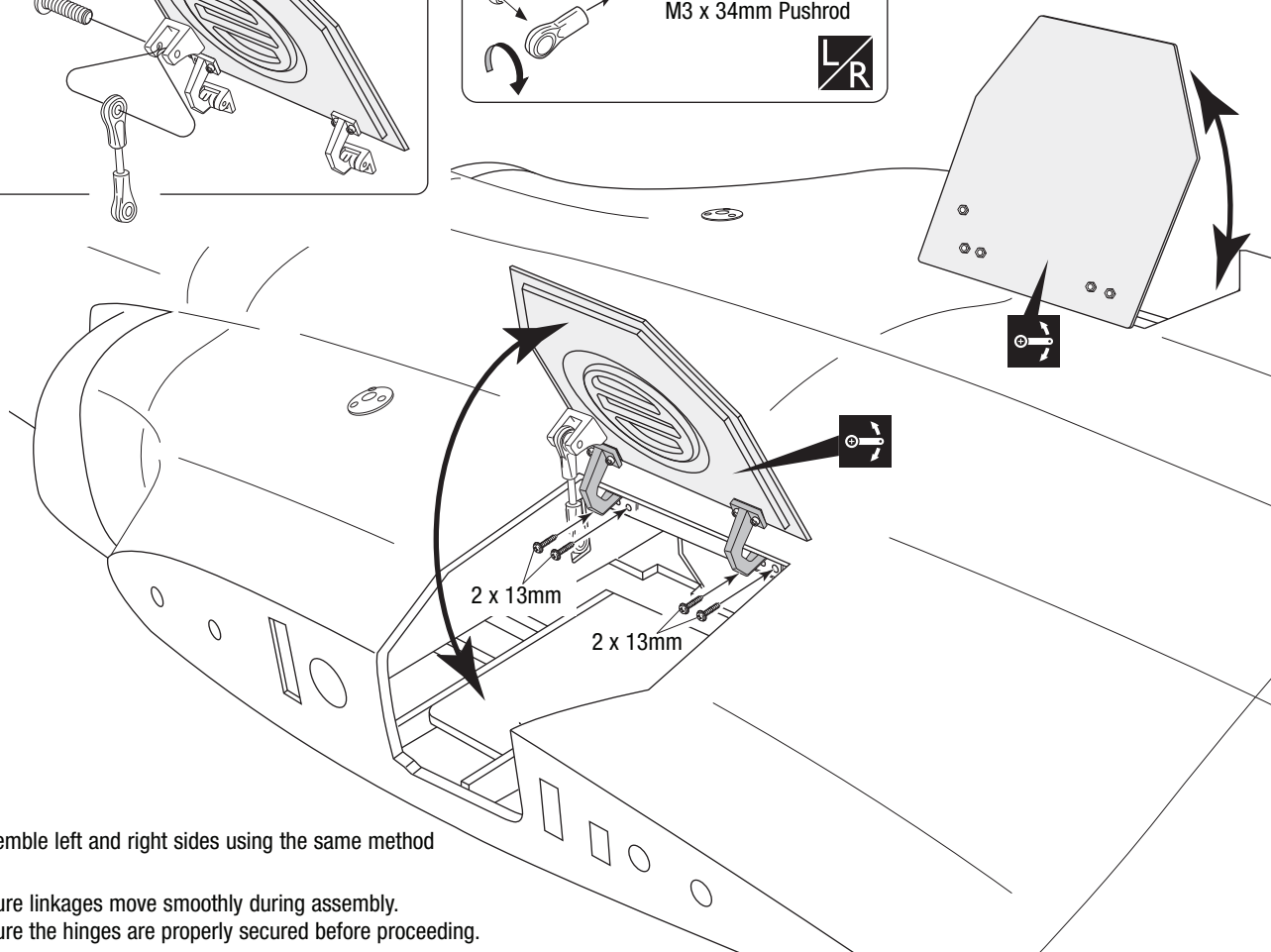
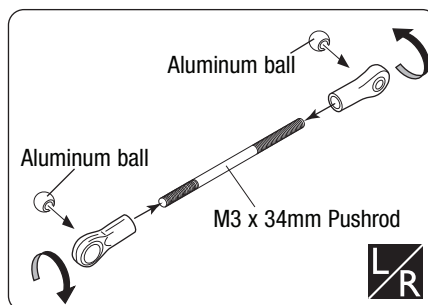
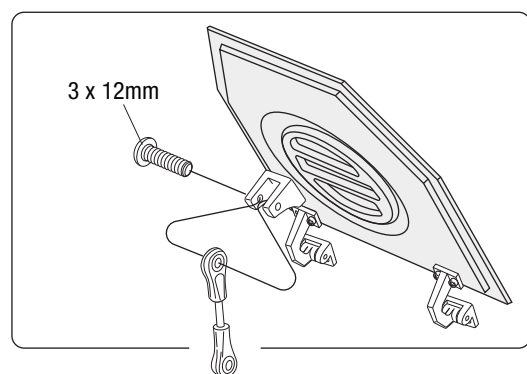
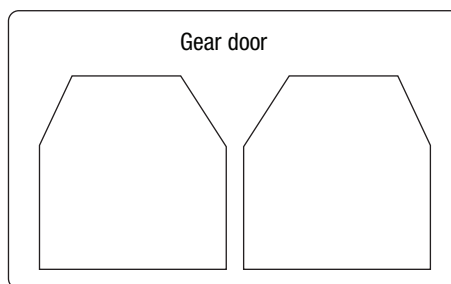
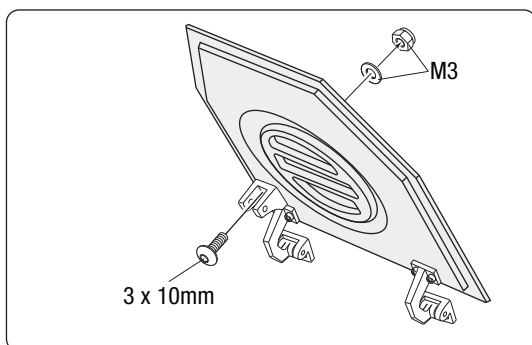
Drill 3mm hole

MAIN GEAR DOOR INSTALLATION



3 x 12mm Button head screw	4
3 x 10mm Button head screw	2
3mm Washer	4
M3 Nylock nut	4
M3 x 30mm Pushrod	2

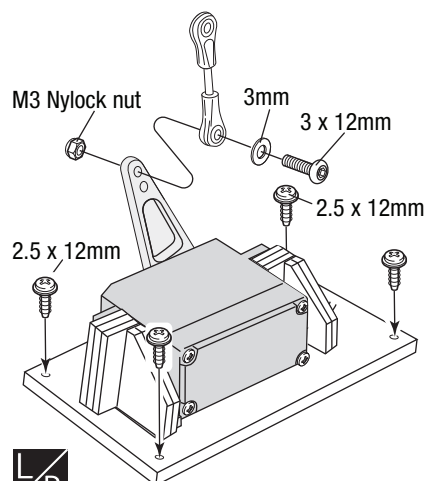
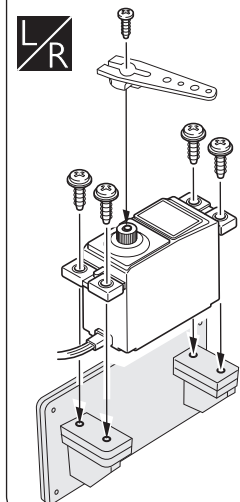
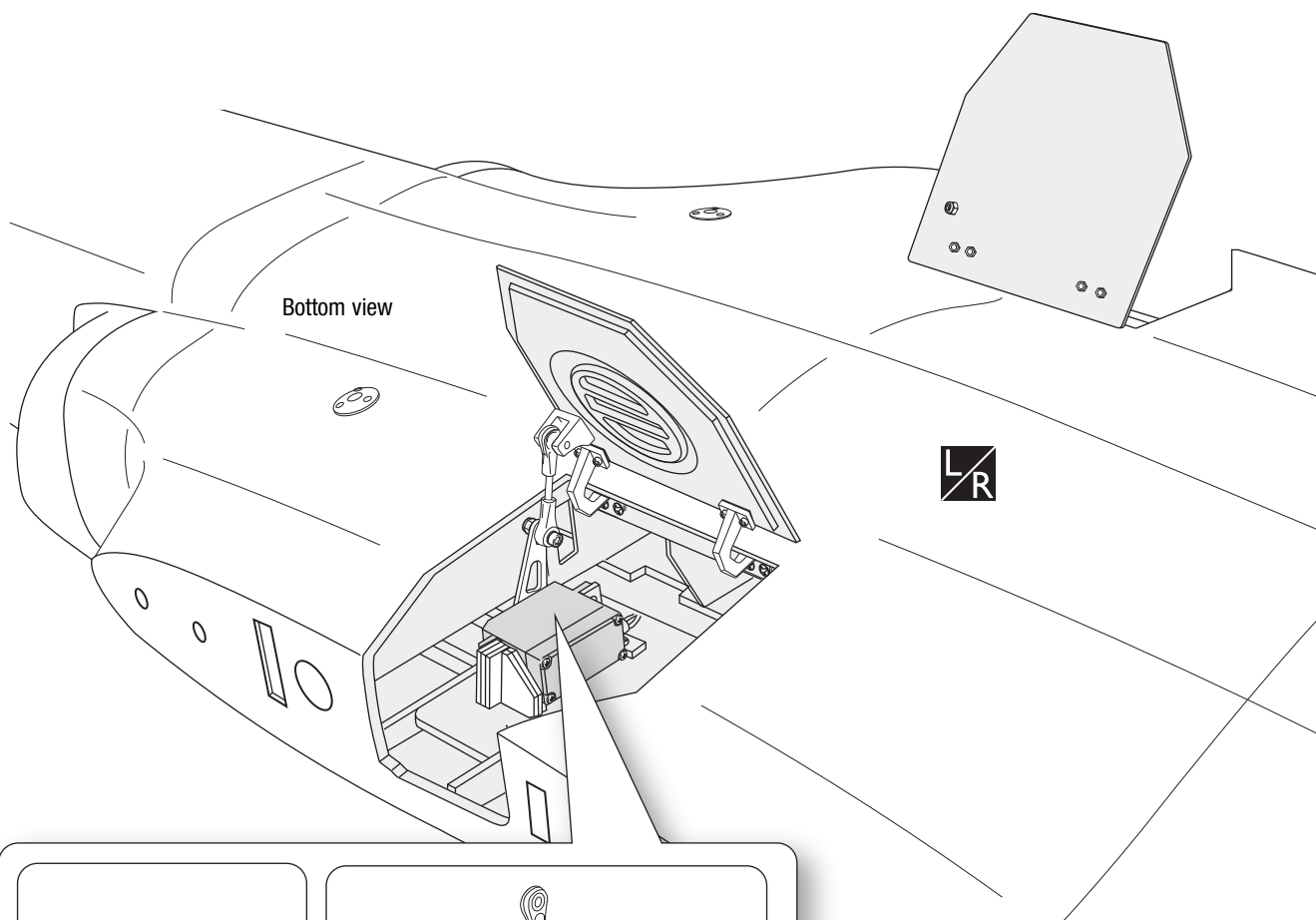
Plastic Hinges #8	2
Aluminum ball	8
2 x 12mm Cap head screw	8
M2 Nut	8
2 x 13mm Self tapping screw	8
2.5 x 12mm Self tapping screw	8
A5070 servos	2
1.5" servo arms	2



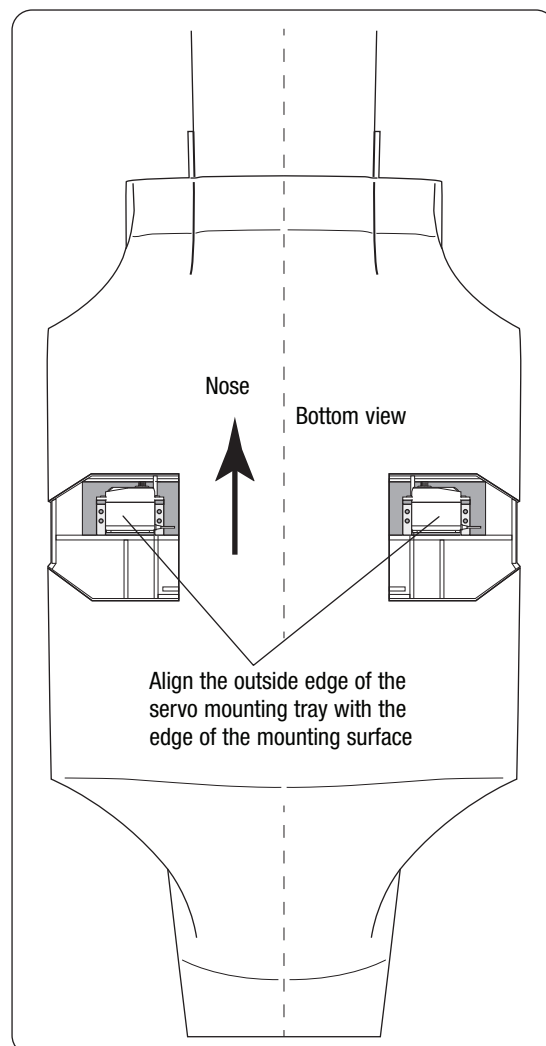
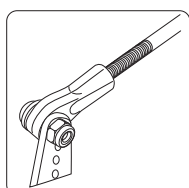
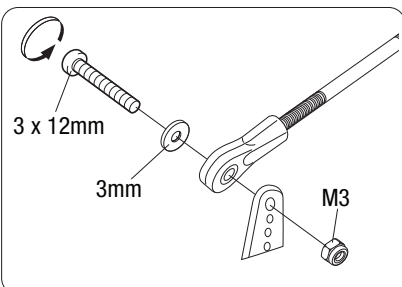
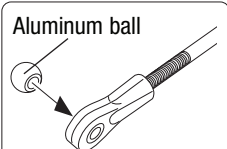
Assemble left and right sides using the same method

Ensure linkages move smoothly during assembly.
 Ensure the hinges are properly secured before proceeding.

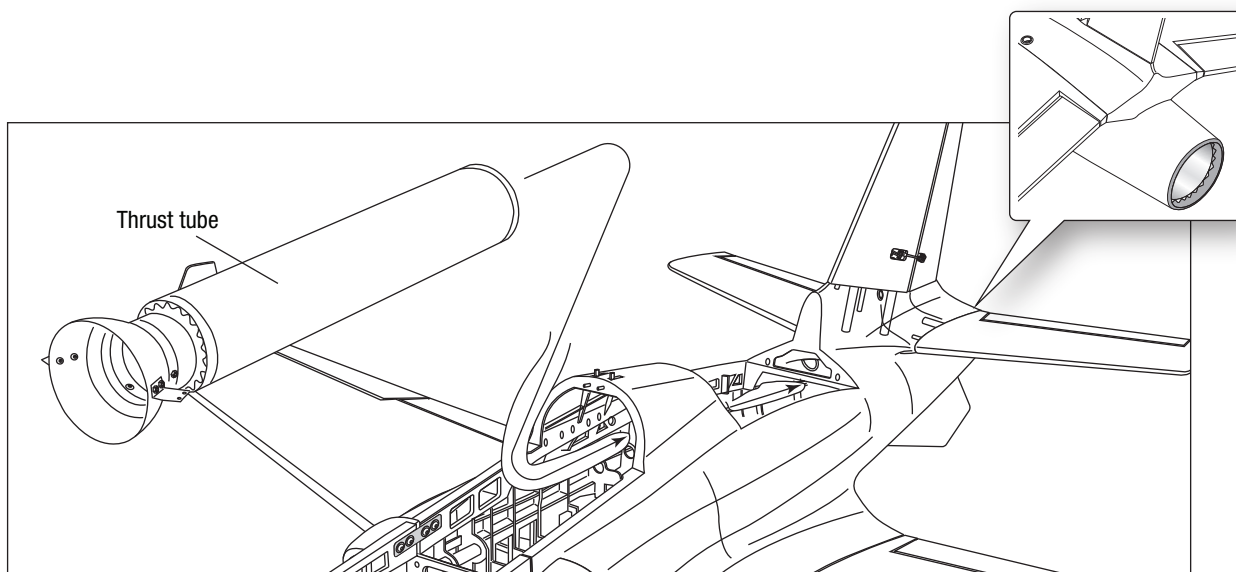
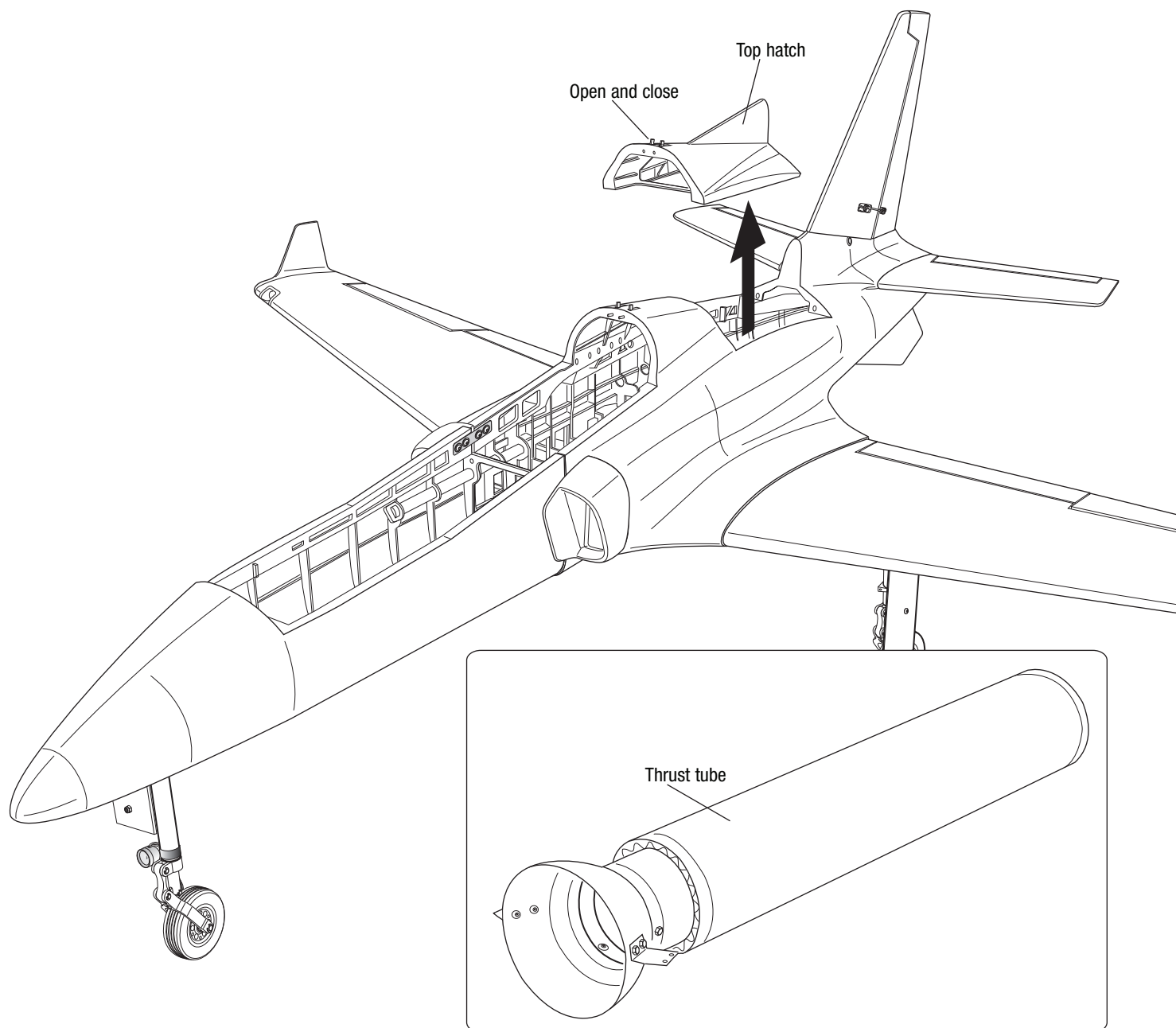
Remove shaded portion



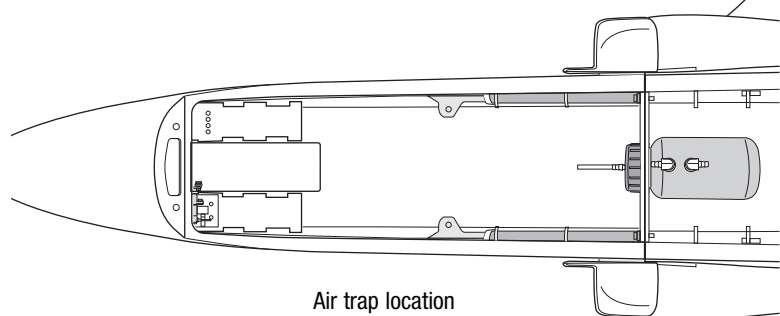
IMPORTANT: Before drilling pilot holes for the self tapping screws, insert a piece of scrap material below the servo tray mounting surface to avoid puncturing the exterior surface of the wing..



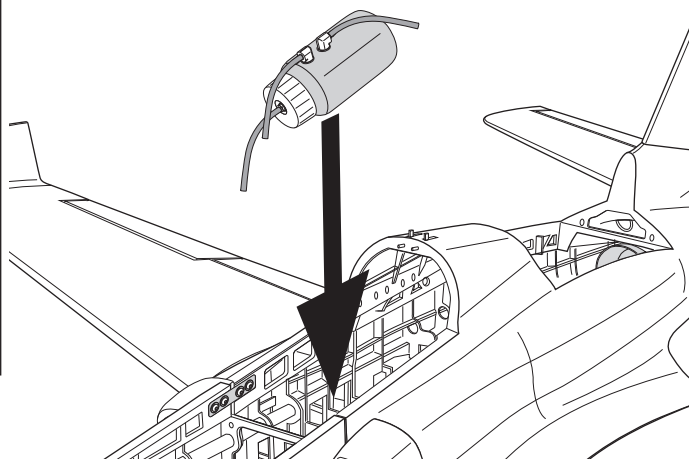
L/R Assemble left and right sides using the same method



Top view



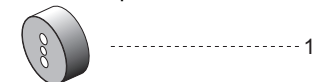
Air Trap Installation



Clunk



Fuel tank cap



Fuel tank



Rubber stopper



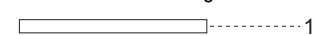
Backer plate



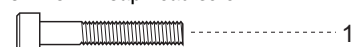
4 x 60mm fuel tubing



4 x 120mm fuel tubing



3 x 25mm Cap head screw



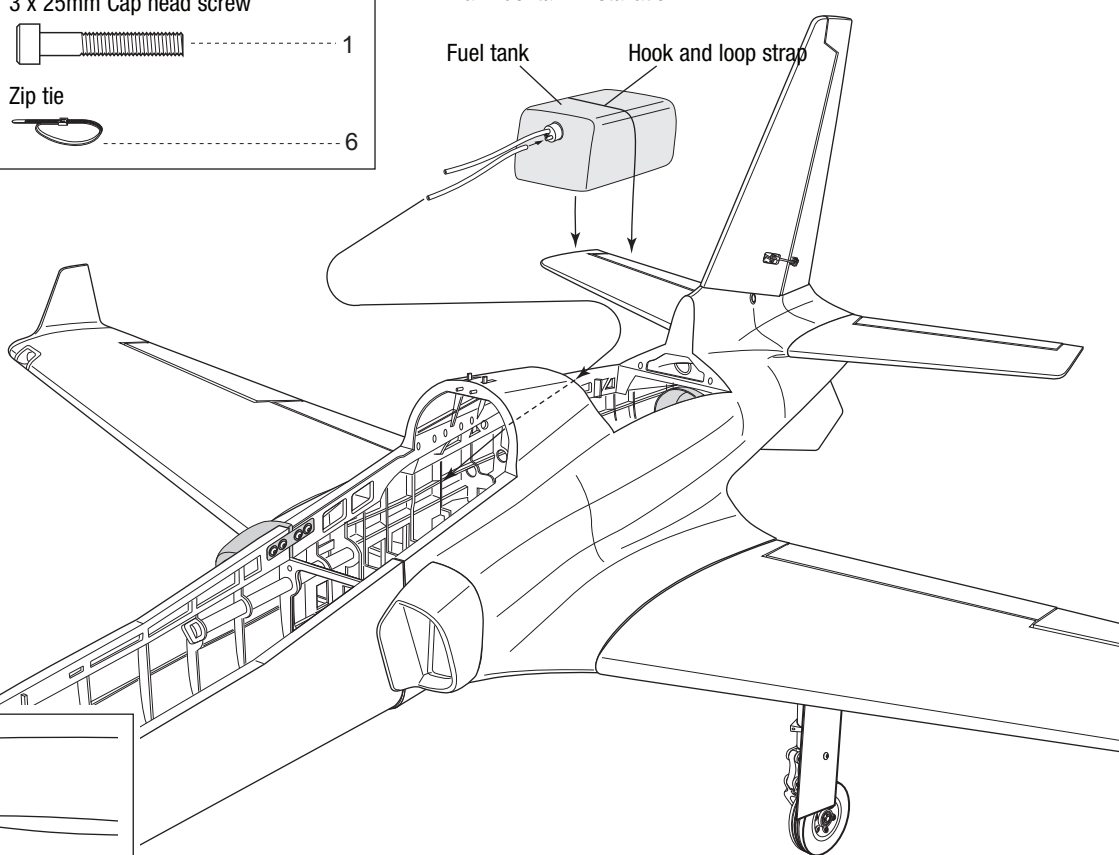
Zip tie



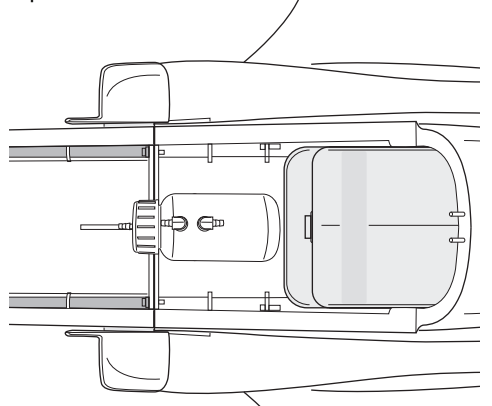
Main fuel tank installation

Fuel tank

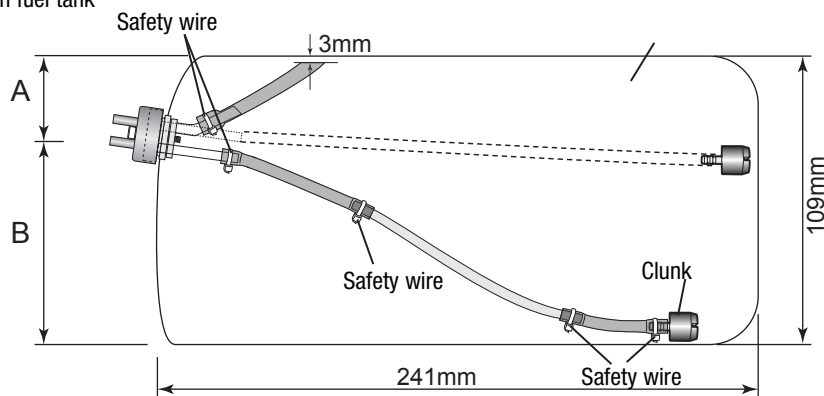
Hook and loop strap



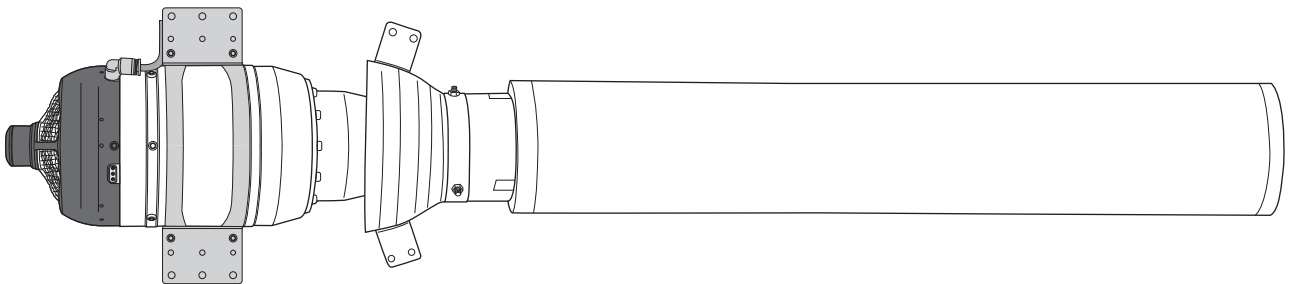
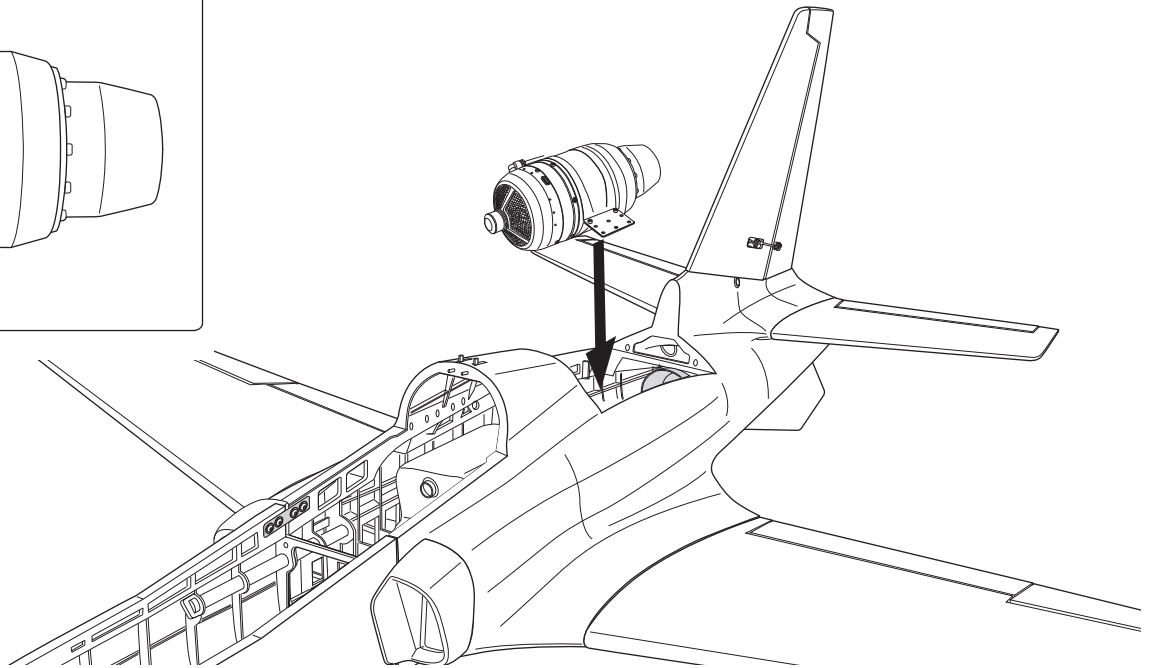
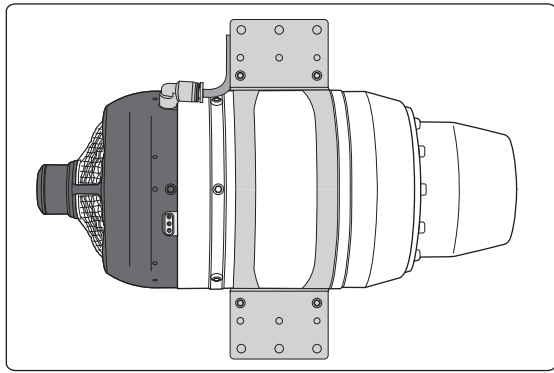
Top view



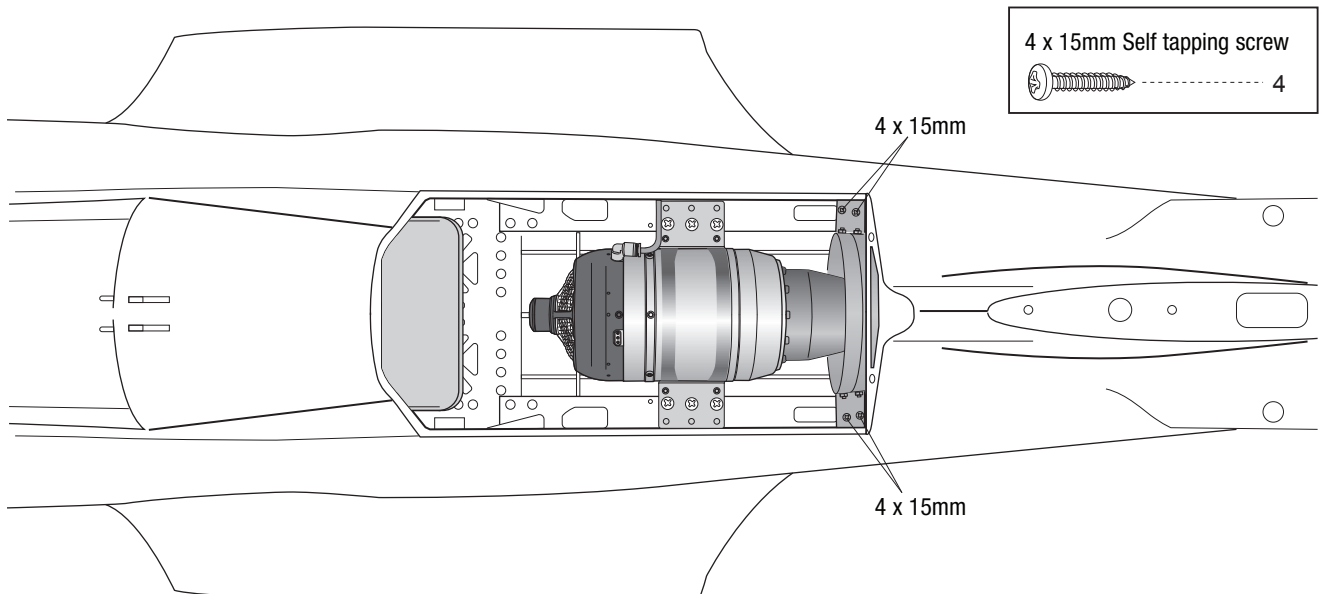
Main fuel tank

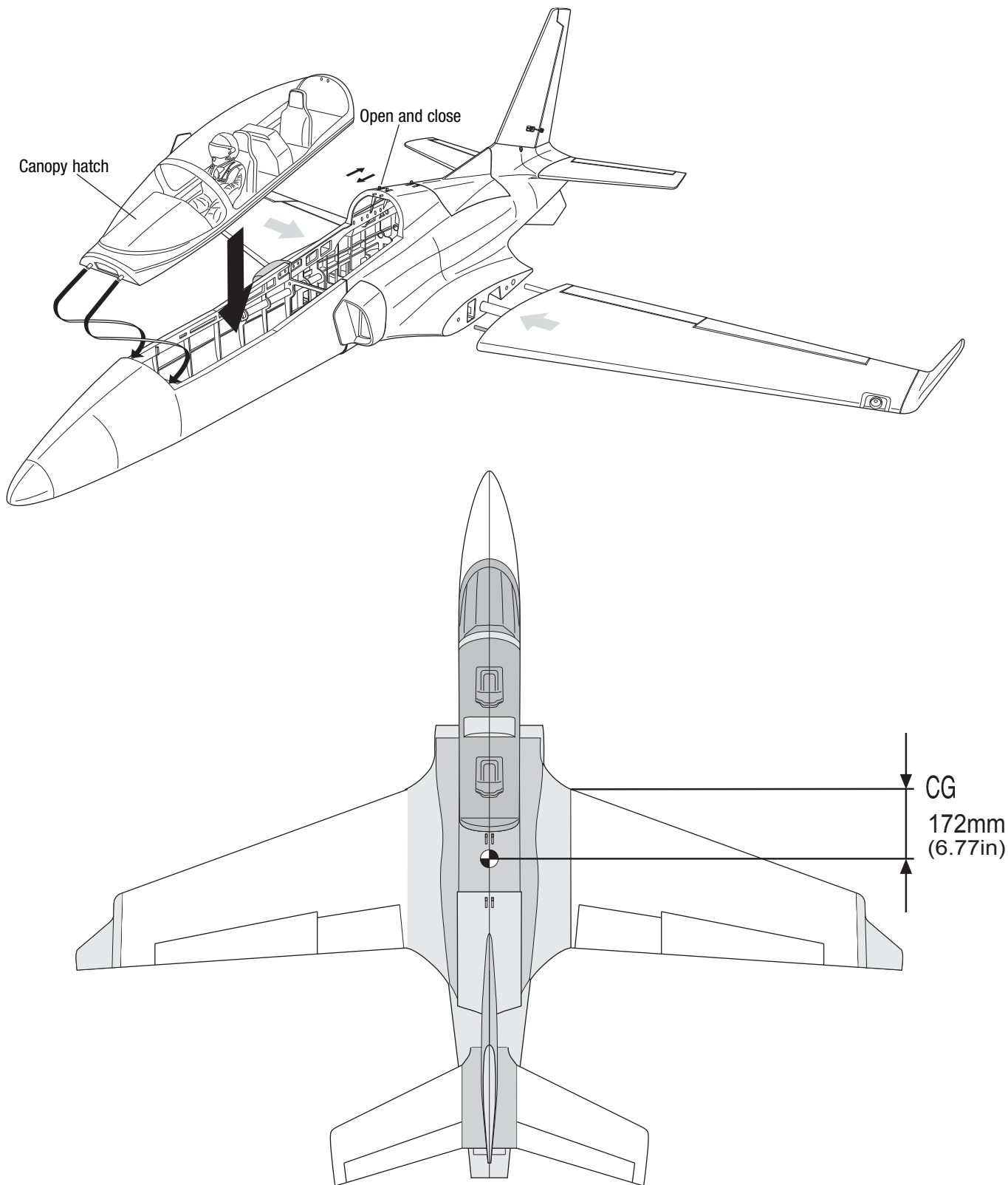


Ensure the clunk can move freely in all orientations and cannot get stuck.



Set the spacing between the end of the turbine and the front of the thrust tube based on turbine manufacturer recommendations.





An important part of preparing the aircraft for flight is properly balancing the model. The center of gravity (CG) range supplied here is a guideline based on testing. Deviation from the measurements we provide is possible and may result in a model that suits your flying style better. Start with the recommended center of gravity, then feel free to experiment with different balance points. Use caution when making CG changes.

1. Assemble the model and ready it for flight. Make sure to connect the leads to the appropriate leads from the receiver. Make sure the leads are not pinched or exposed before tightening any hardware. Your model should be flight ready before balancing.
2. Verifying the center of gravity is best done by observing the weight of the model at each wheel. This can be performed with a dedicated weight and balance set, or with a scale and two spacers.
3. When balancing your model, make sure it is assembled and ready for flight.

CONTROL THROWS

- 1. Turn on the transmitter and receiver of your model. Check the movement of the rudder using the transmitter. When the stick is moved to the right, the rudder should also move right. Reverse the direction of the servo at the transmitter if necessary.
- 2. Check the movement of the elevator with the radio system. Moving the elevator stick toward the bottom of the transmitter will make the airplane elevator move up.
- 3. Check the movement of the ailerons with the radio system. Moving the aileron stick to the right will make the right aileron move up and the left aileron move down.
- 4. Use a ruler to adjust the throw of the elevator, ailerons and rudder.

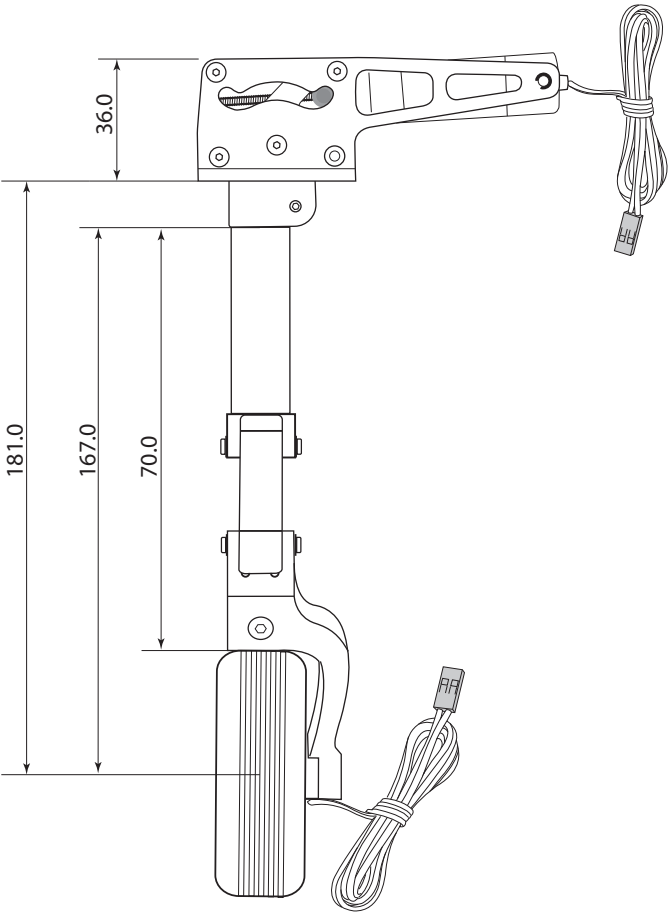
Optional Crow: Ailerons 10mm up at full flap position.

Surface	Rate	Exponential	Direction	Throw
Aileron	High	24%	Up	25mm
			Down	25mm
	Low	6%	Up	18mm
			Down	18mm
Elevator	High	24%	Up	32mm
			Down	32mm
	Low	6%	Up	24mm
			Down	24mm
Rudder	High	24%	Left	55mm
			Right	55mm
	Low	6%	Left	35mm
			Right	35mm
Flaps			Partial	35mm
			Full	55mm

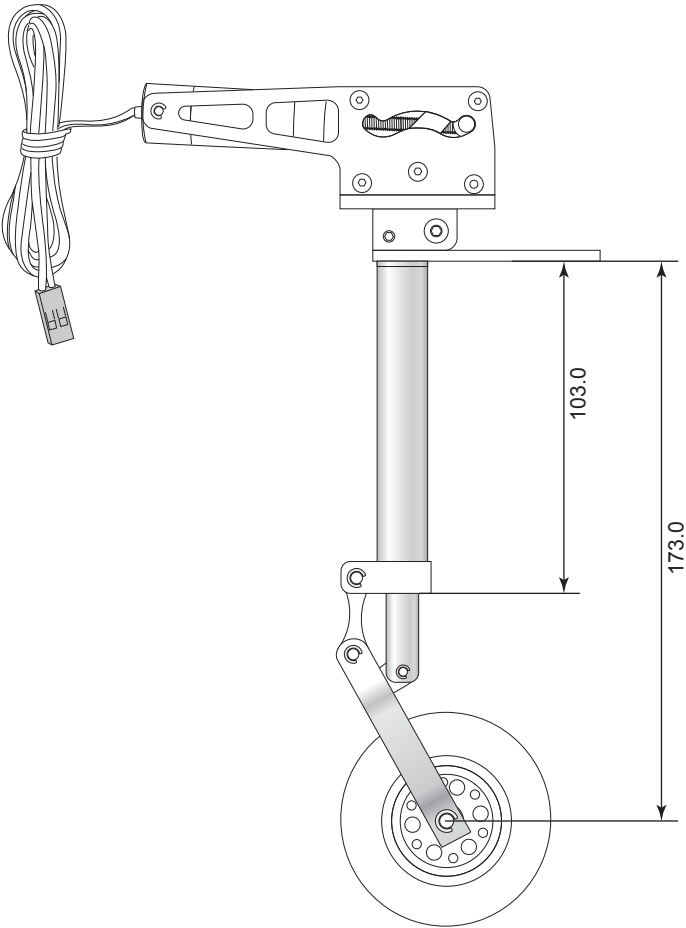
These are guidelines from our flight testing. You can experiment with higher or lower rates to suit your flying style.

Always rebind the radio system once all control throws are set to keep the servos from moving to their endpoints before the transmitter and receiver connect.

Main landing gear



Nose gear



PREFLIGHT CHECKLIST

- Charge the transmitter, receiver and motor batteries. Follow the instructions provided with the charger. Follow all manufacturer's instructions for your electronic components.
- Check the radio installation and make sure all control surfaces (aileron, elevator, rudder, and flaps) move correctly (i.e., the correct direction and with the recommended throws).
- Check all the hardware (control horns, servo arms, and clevises) to make sure they are secure and in good condition.
- Prior to each flying session (and especially with a new model), perform a range check of your radio system. See your radio manual for the recommended range and instructions for your particular radio system.

DAILY FLIGHT CHECKS

- Check the battery voltage of the transmitter battery. Do not fly below the manufacturer's recommended voltage. Doing so can cause your aircraft to crash.
- Check all hardware (linkages, screws, nuts, and bolts) prior to each day's flight. Ensure that binding does not occur and that all parts are properly secured.
- Ensure all surfaces are moving in the proper manner.
- Perform a ground range check before each day's flying session.
- All servo leads and switch harness plugs should be secured in the receiver.

LIMITED WARRANTY

What this Warranty Covers

Horizon Hobby, LLC, (Horizon) warrants to the original purchaser that the product purchased (the "Product") will be free from defects in materials and workmanship at the date of purchase.

What is Not Covered

This warranty is not transferable and does not cover (i) cosmetic damage, (ii) damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or due to improper use, installation, operation or maintenance, (iii) modification of or to any part of the Product, (iv) attempted service by anyone other than a Horizon Hobby authorized service center, (v) Product not purchased from an authorized Horizon dealer, (vi) Product not compliant with applicable technical regulations, or (vii) use that violates any applicable laws, rules, or regulations.

OTHER THAN THE EXPRESS WARRANTY ABOVE, HORIZON MAKES NO OTHER WARRANTY OR REPRESENTATION, AND HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

Purchaser's Remedy

Horizon's sole obligation and purchaser's sole and exclusive remedy shall be that Horizon will, at its option, either (i) service, or (ii) replace, any Product determined by Horizon to be defective. Horizon reserves the right to inspect any and all Product(s) involved in a warranty claim. Service or replacement decisions are at the sole discretion of Horizon. Proof of purchase is required for all warranty claims. SERVICE OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY.

Limitation of Liability

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY, REGARDLESS OF WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY, EVEN IF HORIZON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability. If you as the purchaser or user are not prepared to accept the liability associated with the use of the Product, purchaser is advised to return the Product immediately in new and unused condition to the place of purchase.

Law

These terms are governed by Illinois law (without regard to conflict of law principals). This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Horizon reserves the right to change or modify this warranty at any time without notice.

WARRANTY SERVICES

Questions, Assistance, and Services

Your local hobby store and/or place of purchase cannot provide warranty support or service. Once assembly, setup or use of the Product has been started, you must contact your local distributor or Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please visit our website at www.horizonhobby.com, submit a Product Support Inquiry, or call the toll free telephone number referenced in the Warranty and Service Contact Information section to speak with a Product Support representative.

Inspection or Services

If this Product needs to be inspected or serviced and is compliant in the country you live and use the Product in, please use the Horizon Online Service Request submission process found on our website or call Horizon to obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. An Online Service Request is available at http://www.horizonhobby.com/content/service-center_render-service-center. If you do not have internet access, please contact Horizon Product Support to obtain a RMA number along with instructions for submitting your product for service. When calling Horizon, you will be asked to provide your complete name, street address, email address and phone number where you can be reached during business hours. When sending product into Horizon, please include your RMA number, a list of the included items, and a brief summary of the problem. A copy of your original sales receipt must be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

NOTICE: Do not ship LiPo batteries to Horizon. If you have any issue with a LiPo battery, please contact the appropriate Horizon Product Support office.

Warranty Requirements

For Warranty consideration, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be serviced or replaced free of charge. Service or replacement decisions are at the sole discretion of Horizon.

Non-Warranty Service

Should your service not be covered by warranty, service will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for service you are agreeing to payment of the service without notification. Service estimates are available upon request. You must include this request with your item submitted for service. Non-warranty service estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Horizon accepts money orders and cashier's checks, as well as Visa, MasterCard, American Express, and Discover cards. By submitting any item to Horizon for service, you are agreeing to Horizon's Terms and Conditions found on our website http://www.horizonhobby.com/content/service-center_render-service-center.

ATTENTION: Horizon service is limited to Product compliant in the country of use and ownership. If received, a non-compliant Product will not be serviced. Further, the sender will be responsible for arranging return shipment of the un-serviced Product, through a carrier of the sender's choice and at the sender's expense. Horizon will hold non-compliant Product for a period of 60 days from notification, after which it will be discarded.

WARRANTY AND SERVICE CONTACT INFORMATION

Country of Purchase	Horizon Hobby	Contact Information	Address
United States of America	Horizon Service Center (Repairs and Repair Requests)	servicecenter.horizonhobby.com/RequestForm/	2904 Research Road Champaign, IL 61822
	Horizon Product Support (Product Technical Assistance)	productsupport@horizonhobby.com 877-504-0233	
	Sales	websales@horizonhobby.com	
		800-338-4639	
European Union	Horizon Technischer Service	service@horizonhobby.eu	Hanskampring 9 D 22885 Barsbüttel, Germany
	Sales: Horizon Hobby GmbH	+49 (0) 4121 2655 100	

WEEE NOTICE



This appliance is labeled in accordance with European Directive 2012/19/EU concerning waste of electrical and electronic equipment (WEEE). This label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

ACADEMY OF MODEL AERONAUTICS NATIONAL MODEL AIRCRAFT SAFETY CODE

Effective January 1, 2018

A model aircraft is a non-human-carrying device capable of sustained flight within visual line of sight of the pilot or spotter(s). 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 related AMA guidelines, any additional rules specific to the flying site, as well as all applicable laws and regulations.

As an AMA member I agree:

- I will not fly a model aircraft in a careless or reckless manner.
- I will not interfere with and will yield the right of way to all human-carrying aircraft using AMA's See and Avoid Guidance and a spotter when appropriate.
- I will not operate any model aircraft while I am under the influence of alcohol or any drug that could adversely affect my ability to safely control the model.
- I will avoid flying directly over unprotected people, moving vehicles, and occupied structures.
- I will fly Free Flight (FF) and Control Line (CL) models in compliance with AMA's safety programming.
- I will maintain visual contact of an RC model aircraft without enhancement other than corrective lenses prescribed to me. When using an advanced flight system, such as an autopilot, or flying First-Person View (FPV), I will comply with AMA's Advanced Flight System programming.
- I will only fly models weighing more than 55 pounds, including fuel, if certified through AMA's Large Model Airplane Program.
- I will only fly a turbine-powered model aircraft in compliance with AMA's Gas Turbine Program.
- I will not fly a powered model outdoors closer than 25 feet to any individual, except for myself or my helper(s) located at the flightline, unless I am taking off and landing, or as otherwise provided in AMA's Competition Regulation.
- I will use an established safety line to separate all model aircraft operations from spectators and bystanders.

For a complete copy of AMA's Safety Handbook please visit:
www.modelaircraft.org/files/100.pdf

HINWEIS

Alle Anweisungen, Garantien und andere Begleitdokumente können von Horizon Hobby, LLC nach eigenem Ermessen geändert werden. Um aktuelle Produktinformationen zu erhalten, besuchen Sie horizonhobby.com oder towerhobbies.com und klicken Sie auf die Registerkarte Support oder Ressourcen für dieses Produkt.

SPEZIELLE BEDEUTUNGEN

Die folgenden Begriffe werden in der gesamten Produktliteratur verwendet, um auf unterschiedlich hohe Gefahrenrisiken beim Betrieb dieses Produkts hinzuweisen:

WARNUNG: Wenn diese Verfahren nicht korrekt befolgt werden, ergeben sich wahrscheinlich Sachschäden, Kollateralschäden und schwere Verletzungen ODER mit hoher Wahrscheinlichkeit oberflächliche Verletzungen.

ACHTUNG: Wenn diese Verfahren nicht korrekt befolgt werden, ergeben sich wahrscheinlich Sachschäden UND die Gefahr von schweren Verletzungen.

HINWEIS: Wenn diese Verfahren nicht korrekt befolgt werden, können sich möglicherweise Sachschäden UND geringe oder keine Gefahr von Verletzungen ergeben.

WARNUNG: Lesen Sie die GESAMTE Bedienungsanleitung, um sich vor dem Betrieb mit den Produktfunktionen vertraut zu machen. Wird das Produkt nicht korrekt betrieben, kann dies zu Schäden am Produkt oder persönlichem Eigentum führen oder schwere Verletzungen verursachen.

Dies ist ein hochentwickeltes Hobby-Produkt. Es muss mit Vorsicht und gesundem Menschenverstand betrieben werden und benötigt gewisse mechanische Grundfähigkeiten. Wird dieses Produkt nicht auf eine sichere und verantwortungsvolle Weise betrieben, kann dies zu Verletzungen oder Schäden am Produkt oder anderen Sachwerten führen. Dieses Produkt eignet sich nicht für die Verwendung durch Kinder ohne direkte Überwachung eines Erwachsenen. Verwenden Sie das Produkt nicht mit inkompatiblen Komponenten oder verändern es in jedweder Art ausserhalb der von Horizon Hobby, LLC vorgegebenen Anweisungen. Diese Bedienungsanleitung enthält Anweisungen für Sicherheit, Betrieb und Wartung. Es ist unbedingt notwendig, vor Zusammenbau, Einrichtung oder Verwendung alle Anweisungen und Warnhinweise im Handbuch zu lesen und zu befolgen, damit es bestimmungsgemäß betrieben werden kann und Schäden oder schwere Verletzungen vermieden werden.

Nicht geeignet für Kinder unter 14 Jahren. Dies ist kein Spielzeug.

SICHERHEITSHINWEISE UND VORSICHTSMASSNAHMEN

Alle Anweisungen und Sicherheitsvorkehrungen vor dem Gebrauch durchlesen und befolgen. Unsachgemäßer Gebrauch kann Feuer, schwere Verletzungen und Sachschäden zur Folge haben.

Komponenten

Nur mit kompatiblen Komponenten verwenden. Bei Fragen zur Kompatibilität lesen Sie bitte die Produkthanleitung, die Komponentenanleitung oder wenden Sie sich an die zuständige Horizon Hobby Niederlassung.

Flug

Aus Sicherheitsgründen nur im offenen Gelände fliegen. Es wird empfohlen, auf Flugfeldern mit Fernsteuerung zu fliegen. Vor der Wahl des Flugstandorts die örtlichen Verordnungen prüfen.

Turbine

Lose Gegenstände, die von der Turbine eingesaugt werden können, immer von den Einlässen fernhalten. Dies gilt auch für lose Kleidung oder andere kleine Gegenstände.

Akkus

Bei der Verwendung und Entsorgung von Akkus stets die Anweisungen des Herstellers befolgen. Unsachgemäßer Umgang mit Li-Po-Akkus kann zu Feuer und schweren Verletzungen führen.

Kleinteile

Dieser Bausatz enthält Kleinteile und sollte nicht unbeaufsichtigt in der Nähe von Kindern gelassen werden, da Erstickungsgefahr und schwere Verletzungen die Folge sein können.

EMPFEHLUNGEN ZUM SICHEREN BETRIEB

- Das Modell vor jedem Flug auf Flugtauglichkeit überprüfen.
- Auf andere Nutzer der Radiofrequenz achten, die Störungen verursachen könnten.
- Verhalten Sie sich im gewählten Flugbereich stets höflich und respektvoll gegenüber anderen Nutzern.
- Einen Bereich ohne Hindernisse wählen, der groß genug für Ihre Flugaktivitäten ist.
- Vor dem Start des Flugzeugs darauf achten, dass sich in diesem Gebiet keine Freunde und Zuschauer aufhalten.
- Auf andere Aktivitäten in der Nähe Ihrer Flugroute achten, die zu Konflikten führen könnten.
- Die Flugroute vor dem Start sorgfältig planen.

VOR DEM ZUSAMMENBAU

- Die Teile aus der Verpackung nehmen.
- Rumpf, Tragflächen, Seitenruder und Stabilisator auf Beschädigungen überprüfen.
- Wenn Sie beschädigte oder fehlende Teile finden, wenden Sie sich an Ihren Händler.
- Akkus von Sender und Empfänger laden.
- Trimmung und Hebel auf dem Sender zentrieren.
- Bei einem Computerfunkgerät einen Modellspeicher für dieses Modell erstellen.
- Binden Sie Sender und Empfänger gemäß den Anweisungen Ihres Funksystems.

HINWEIS: Das Funksystem nach dem Einstellen der Ruderausschläge erneut binden. Damit wird verhindert, dass sich die Servos auf ihre Endpunkte bewegen, ehe Sender und Empfänger verbunden sind. Außerdem wird garantiert, dass die Servo-Umkehreinstellungen im Funksystem gespeichert werden.

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ERSATZTEILE

Artikel Nr.	Beschreibung
HAN-362501	Vorderteil des Rumpfs: Viper 100N Turbine Jet
HAN-362502	Hinterteil des Rumpfs: Viper 100N Turbine Jet
HAN-362503	Linker Flügel: Viper 100N Turbine Jet
HAN-362504	Rechter Flügel: Viper 100N Turbine Jet
HAN-362505	Horizontaler Stabilisatorsatz mit Höhenruder: Viper 100N Turbine Jet
HAN-362506	Vertikaler Stabilisator und Seitenruder: Viper 100N Turbine Jet
HAN-362507	Kanzelabdeckung mit Kanzel: Viper 100N Turbine Jet
HAN-362508	Transparenz Kanzel: Viper 100N Turbine Jet
HAN-362509	Rumpf Turbinen-Abdeckung: Viper 100N Turbine Jet
HAN-362510	Ruder- und Höhenruder-Hardwaresatz: Viper 100N Turbine Jet
HAN-362511	Hardwaresatz: Viper 100N Turbine Jet
HAN-362512	Fahrwerkstürensatz: Viper 100N Turbine Jet
HAN-362513	Rumpfbefestigerrohre mit Hardware: Viper 100N Turbine Jet
HAN-362514	Steckungsrohre: Viper 100N Turbine Jet
HAN-362515	Horizontal- und Seitenleitwerksrohre: Viper 100N Turbine Jet
HAN-362516	Kraftstofftank mit Hardware: Viper 100N Turbine Jet
HAN-362517	Rumpf-Transporttasche: Viper 100N Turbine Jet
HAN-362518	Tragflächen-Transporttasche: Viper 100N Turbine Jet
HAN-362519	Aufhängungssatz: Viper 100N Turbine Jet
HAN-362520	Fahrwerkstüren-Hardwaresatz: Viper 100N Turbine Jet
HAN-362521	Steuerhornsatz: Viper 100N Turbine Jet
HAN-362522	Tragflächen-Hardwaresatz: Viper 100N Turbine Jet
HAN-362523	Axiallagerrohr mit Schrauben: Viper 100N Turbine Jet
HAN-362524	Digitaler Einzieh-Controller mit Zubehör: Viper 100N Turbine Jet
HAN-362525	Haupttrad mit Bremse (1): Viper 100N Turbine Jet
HAN-362526	Radsatz (3): Viper 100N Turbine Jet
HAN-362527	Bugfahrwerkstrebe: Viper 100N Turbine Jet
HAN-362528	Hauptfahrwerkstrebe links: Viper 100N Turbine Jet
HAN-362529	Hauptfahrwerkstrebe rechts: Viper 100N Turbine Jet
HAN-362530	Bugfahrwerk-Einfahrvorrichtung: Viper 100N Turbine Jet
HAN-362531	Hauptfahrwerk-Einfahrvorrichtung (1): Viper 100N Turbine Jet
HAN-362532	Linsenabdeckungen für Navigationslicht: Viper 100N Turbine Jet
HAN-362533	Reflektierender Sonnenschutz: Viper 100N Turbine Jet
HAN-362534	LED-Licht-Satz: Viper 100N Turbine Jet
HAN-362535	Stabilisierungsflossesatz: Viper 100N Turbine Jet
HAN-362536	Winglet-Satz: Viper 100N Turbine Jet

ZUR FERTIGSTELLUNG ERFORDERLICH

Erforderliche Anz.	Artikel Nr.	Beschreibung
1	KGTU150	KingTech 150cc Geruchsverschluss
2	SPM-1057	Spektrum 2S 4000mAh LiPo G2 Empfänger-Akkus
1	SPM-1060	Spektrum 3S 3200mAh LiFe ECU-Akku
1	SPMAR20410T	Spektrum AR20410T Empfänger
1	SPMAS6000	Synapse AS3X+ Modul
2	SPMA3003	Servo-Verlängerungsleitung: 12 Zoll, robust
3	SPMA3007	Servo-Verlängerungsleitung: 48 Zoll, robust
1	SPMA3005	Servo-Verlängerungsleitung: 24 Zoll, robust
2	SPMA3004	Servo-Verlängerungsleitung: 18 Zoll, robust
1	HAN-3625ER	Elektrisches einziehbares Bugrad-Fahrwerkset mit Bremsen und Controller
1	KGT-3976	KingTech K-102G4+ Turbine
4	SPMSA6320	Spektrum A6320 Servo
4	SPMSA5070	Spektrum A5070 Servo
1	SPMSP3021	Schwerlast-Servoarme (4)
2	SPMSP3101	Einseitiger Servoarm aus Aluminium, 1,5" Länge, 23T
2	SPMSP3100	Einseitiger Servoarm aus Aluminium, 0,8" Länge, 23T

ANLEITUNG ZUR FERTIGSTELLUNG DER FAHRWERKKLAPPEN

Erforderliche Anz.	Artikel Nr.	Beschreibung
3	SPMSA5070	Spektrum A5070 Servos
2	SPMSP3101	Spektrum einseitiger Servoarm aus Aluminium 1,5 Zoll
2	SPMA3002	Spektrum robuste 9-Zoll-Verlängerungen
1	SPMA3003	Spektrum robuste 12-Zoll-Verlängerung

ERFORDERLICHE KLEBMITTEL

Beschreibung
Strukturklebstoff
Dünne Cyanacrylat-Klebstoffe
Mittlere CA
Gewindesicherung, mittelfest
Silikonklebstoff

SERVO-KONFIGURATIONSANLEITUNG

Oberfläche	Servo	Servoarm	Servoarm-Abmessung	Servoarm-Anschluss	Gestängelänge	Montierte Gestängelänge	Steuerhorn-Anschluss
Seitenruder	A5070	SPMSP3021	20 mm	M3 Stahl-Gabelkopf	50 mm	76 mm	M3-Kugelgelenkgestänge
Höhenruder	A5070	SPMSP3021	20 mm	M3 Stahl-Gabelkopf	50 mm	75 mm	M3-Kugelgelenkgestänge
Querruder	A6320	SPMSP3101	32 mm	M3-Kugelgelenkgestänge	40 mm	60 mm	M3-Kugelgelenkgestänge
Klappen	A6320	SPMSP3100	20,5 mm	M3-Kugelgelenkgestänge	45 mm		M3-Kugelgelenkgestänge
Steuerung	A5070	inkl. Servo	13,5 mm	M3-Kugelgelenkgestänge	34 mm	49 mm	M3-Kugelgelenkgestänge
Innere Hauptklappen	A5070	SPMSP3101	38 mm	M3-Kugelgelenkgestänge			M3-Kugelgelenkgestänge
Äußere Hauptklappen	n/z	n/z	n/z	n/z	20 mm	38 mm	M3-Kugelgelenkgestänge
Bugklappe	A5070	SPMSP3021	20 mm	M3-Kugelgelenkgestänge	34 mm	52 mm	M3-Kugelgelenkgestänge

WERKZEUGE ERFORDERLICH

Beschreibung	
Ring- oder Maulschlüssel: 10mm, 7/16 Zoll, 1/2 Zoll	Klebeband mit geringer Klebekraft
Klemmen	Sandpapier mittlerer Körnung
Abdeckeisen	Mikroballons
Bohrer	Mischbehälter
Bohrersatz, metrisch und SAE	Rührstäbe
Epoxidbürsten	Bleistift
Filzstift	Vaseline
Flachschraubendreher	Kreuzschlitzschraubendreher Nr. 0 Nr. 1 Nr. 2
Flache Feile	Stiftschraubstock
Flussmittelpaste	Zange
Heißluftpistole	Rasiersäge
Klemmen	Lineal
Sechskantsatz, metrisch und SAE	Schleifwalze für Rotationswerkzeug
Hobbymesser mit Klinge Nr. 11	Schere
Hobbyschere	Seitenschneider
Winkel	Silberlot
Klettband	Zahnstocher
Isopropylalkohol	Kabelbinder
Leichtes Maschinenöl	

VORSICHTSMASSNAHMEN BEIM ZUSAMMENBAU

Die Arbeitsfläche vor dem Zusammenbau vorbereiten. Die Oberfläche sollte weich und frei von scharfen Objekten sein. Wir empfehlen, die Teile des Flugwerks auf einem weichen Handtuch oder einer Matte zu lagern, um Kratzer oder Beulen an der Oberfläche des Flugzeugs zu vermeiden.

GEDRUCKTE DECKBLÄTTER

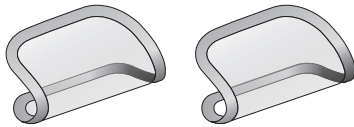
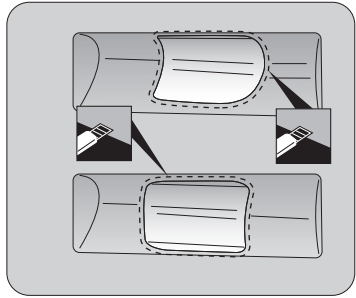
- Bei der bei diesem Modell verwendeten Abdeckung sind Farben und Markierungen direkt auf die Folie gedruckt.
- Die Abdeckung hat eine selbstklebende Rückseite. Um die Folie wieder anzubringen oder ein wenig zu schrumpfen, kann indirekte Hitze angewendet werden. Verwenden Sie ein Abdeckeisen auf niedriger Höhe und legen Sie ein Stück Pergamentpapier oder eine Abdeckfolie zwischen Modell und Abdeckeisen, um die Wärme zu verteilen. Wärme sparsam anwenden (2-3 Sekunden) und mit einem Handschuh den Belag in die konkaven Bereiche pressen.
- Verwenden Sie nur milde Reinigungsmittel für die bedruckte Oberfläche.
- Verwenden Sie das Klebeband mit Vorsicht. Alles andere als Klebeband mit geringer Klebrigkeit kann das Finish entfernen, insbesondere an Kanten.
- Vermeiden Sie den Kontakt mit Rohkraftstoff. Der Kontakt mit Kraftstoff oder Chemikalien beschädigt die bedruckte Abdeckung.
- Entfernen Sie Rückstände von Kraftstoff, Öl und Klebstoffen so schnell wie möglich, um Flecken oder Beschädigungen der Oberfläche zu vermeiden.

MONTAGE DER NAVIGATIONSLICHTER

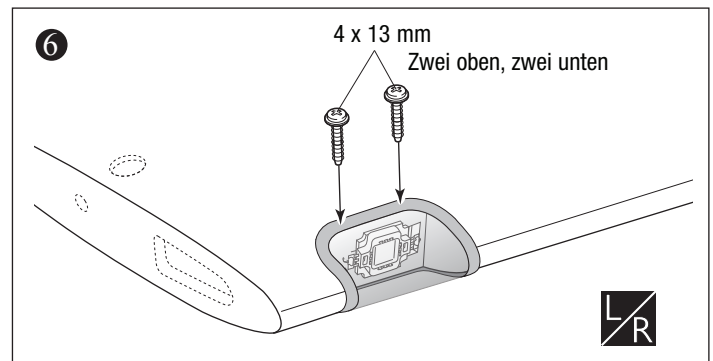
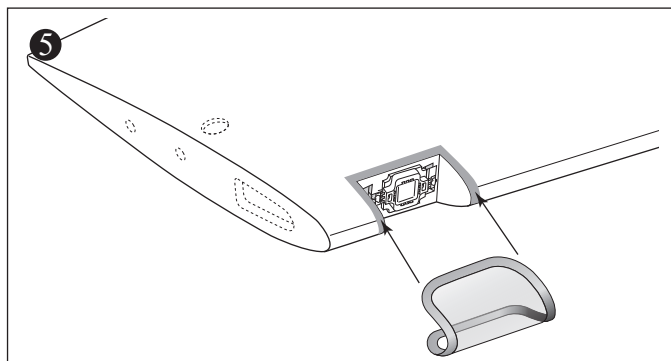
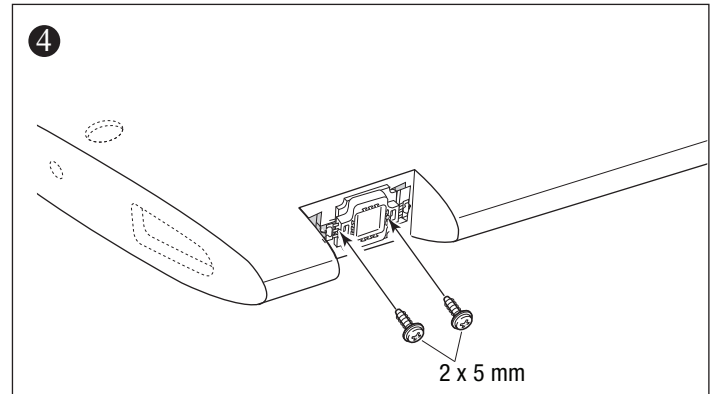
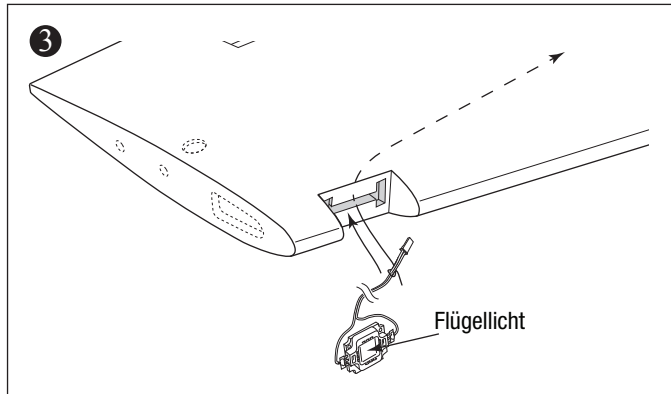
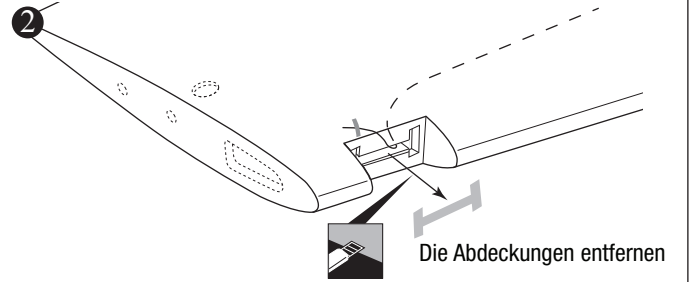
Die folgende Anleitung zeigt den Einbau der Flügellichter.

Wenn Sie keine Lichter in den Flügeln verwenden möchten, montieren Sie die Linsenabdeckungen ohne die Lichter.

- ① → Verwenden Sie eine gebogene Karosserieschere, um die Abdeckungen der Navigationslichter zurechtzuschneiden. Achten Sie darauf, dass um den durchsichtigen Teil herum genügend Material für die Befestigung an der Flügeloberfläche übrig bleibt.

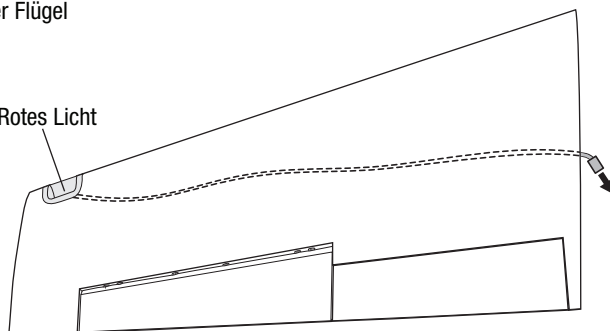


2 x 5mm Blechschraube	4
2 x 13mm Blechschraube	8
Flügellichter (nicht enthalten)	2



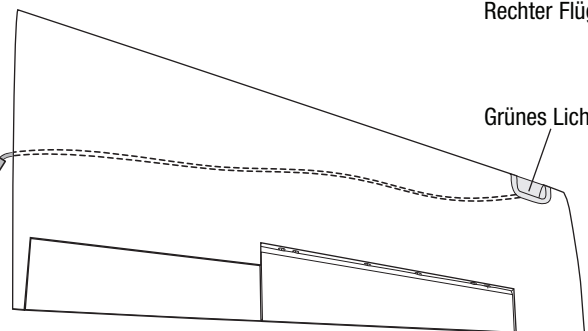
Linker Flügel

Rotes Licht

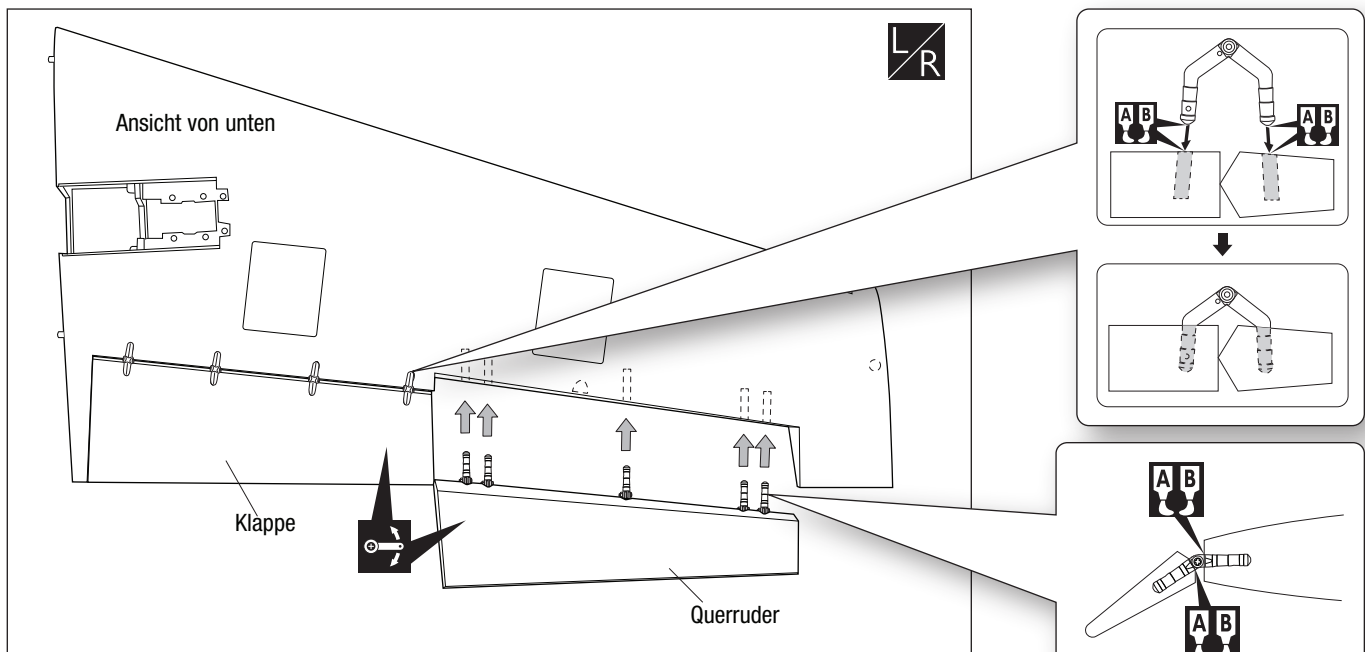


Rechter Flügel

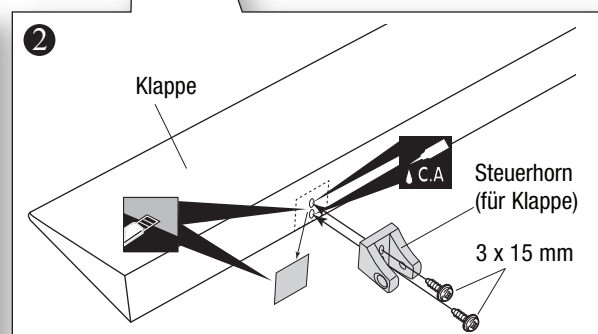
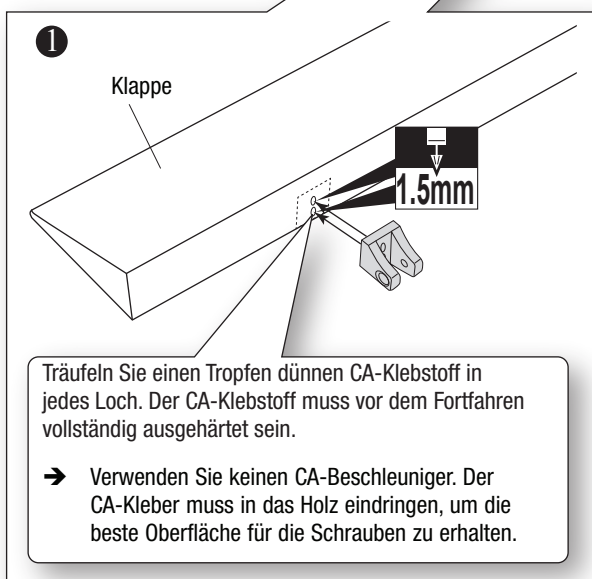
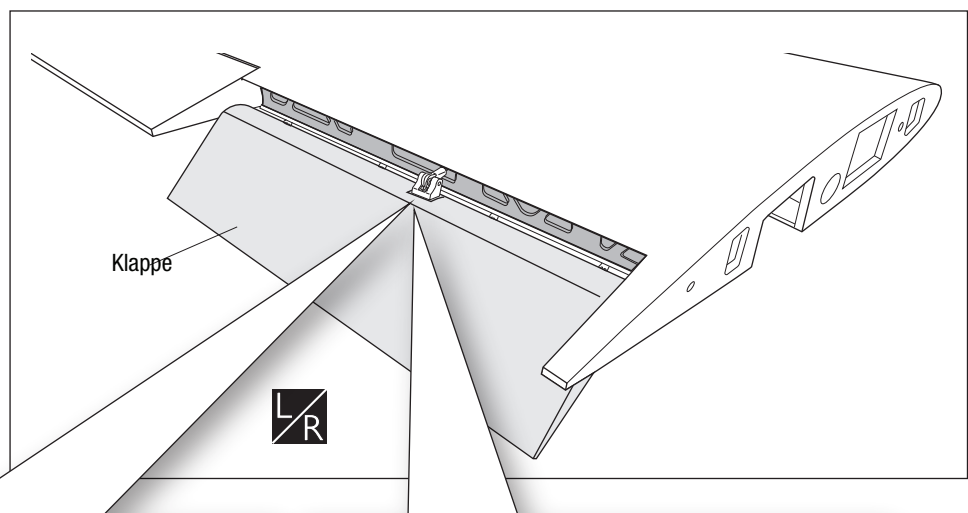
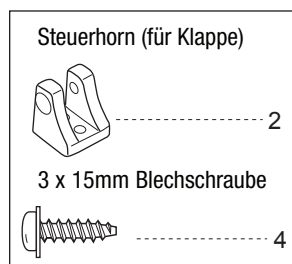
Grünes Licht



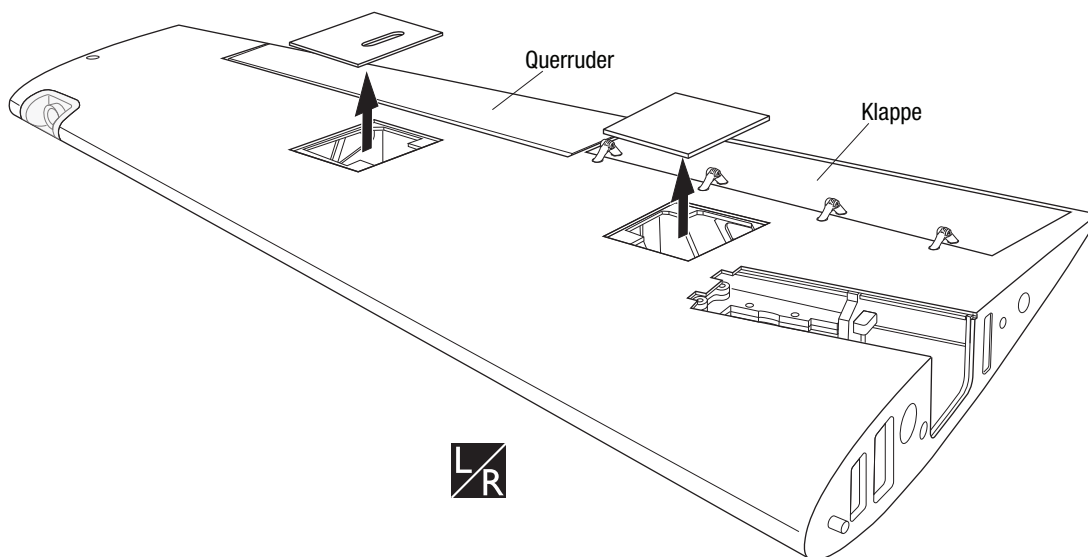
Entfernen Sie den schraffierten Teil



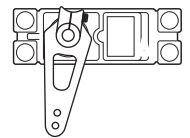
-  Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen
-  Verwenden Sie einen Strukturkleber wie DLM Aero Tech Epoxy.
-  Achten Sie bei der Montage auf die Leichtgängigkeit des Gestänges. Vergewissern Sie sich, dass die Aufhängungen richtig befestigt sind, bevor Sie fortfahren.



-  Tragen Sie Cyanacrylat-Klebstoff (CA) auf
-  Entfernen Sie den schraffierten Teil
-  1,5 mm Loch bohren
-  Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

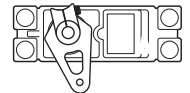


Querruder-Servo



Der Querruder-Servoarm ist SP3101; es wird die innere der beiden Bohrungen verwendet. Er sollte so eingebaut werden, dass der Servoarm um eine Verzahnung nach vorne gedreht ist, wenn das Servo zentriert ist.

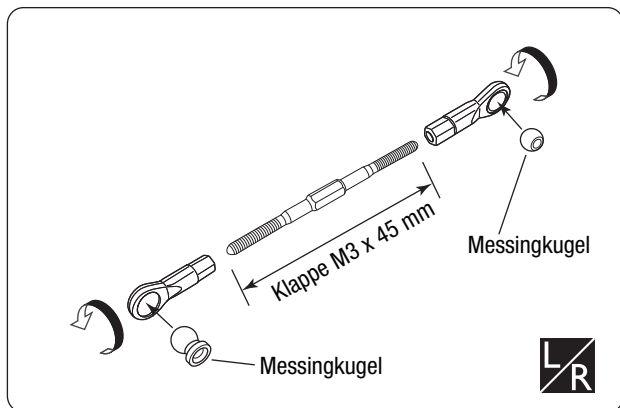
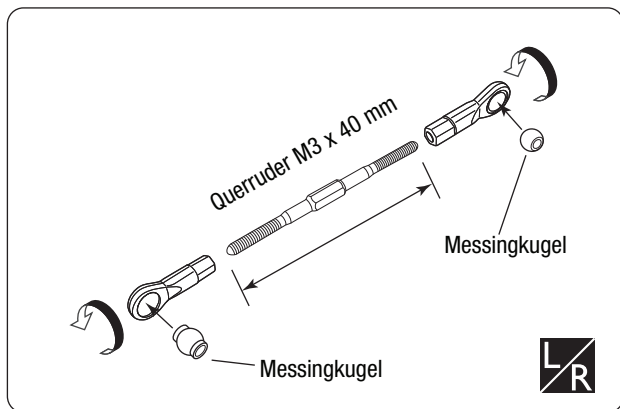
Klappen-Servo



Der Klappen-Servoarm ist SP3100. Er sollte so eingebaut werden, dass der Servoarm um eine Verzahnung nach vorne gedreht ist, wenn das Servo zentriert ist.



Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen



Steuerhorn (Klappe)	2
3 x 12 mm Rundkopfschraube	2
3 x 16 mm Rundkopfschraube	2
Messingkugel	2
M3 Mutter	2
M3 x 45mm Steuerstange	2

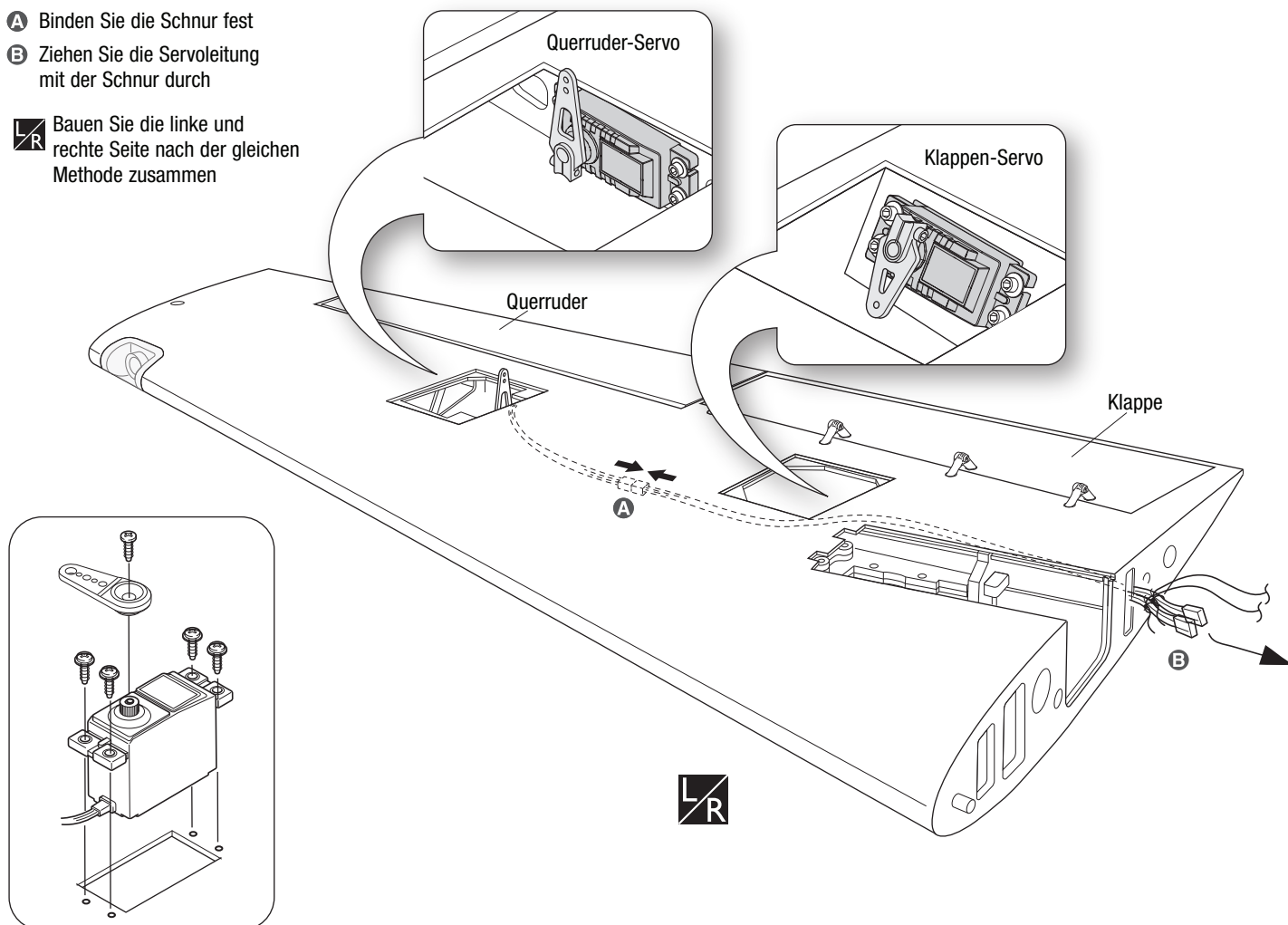
Steuerhorn (Querruder)	4
3 x 16 mm Rundkopfschraube	4
Messingkugel	2
M3 Mutter	4
M3 x 40mm Steuerstange	4

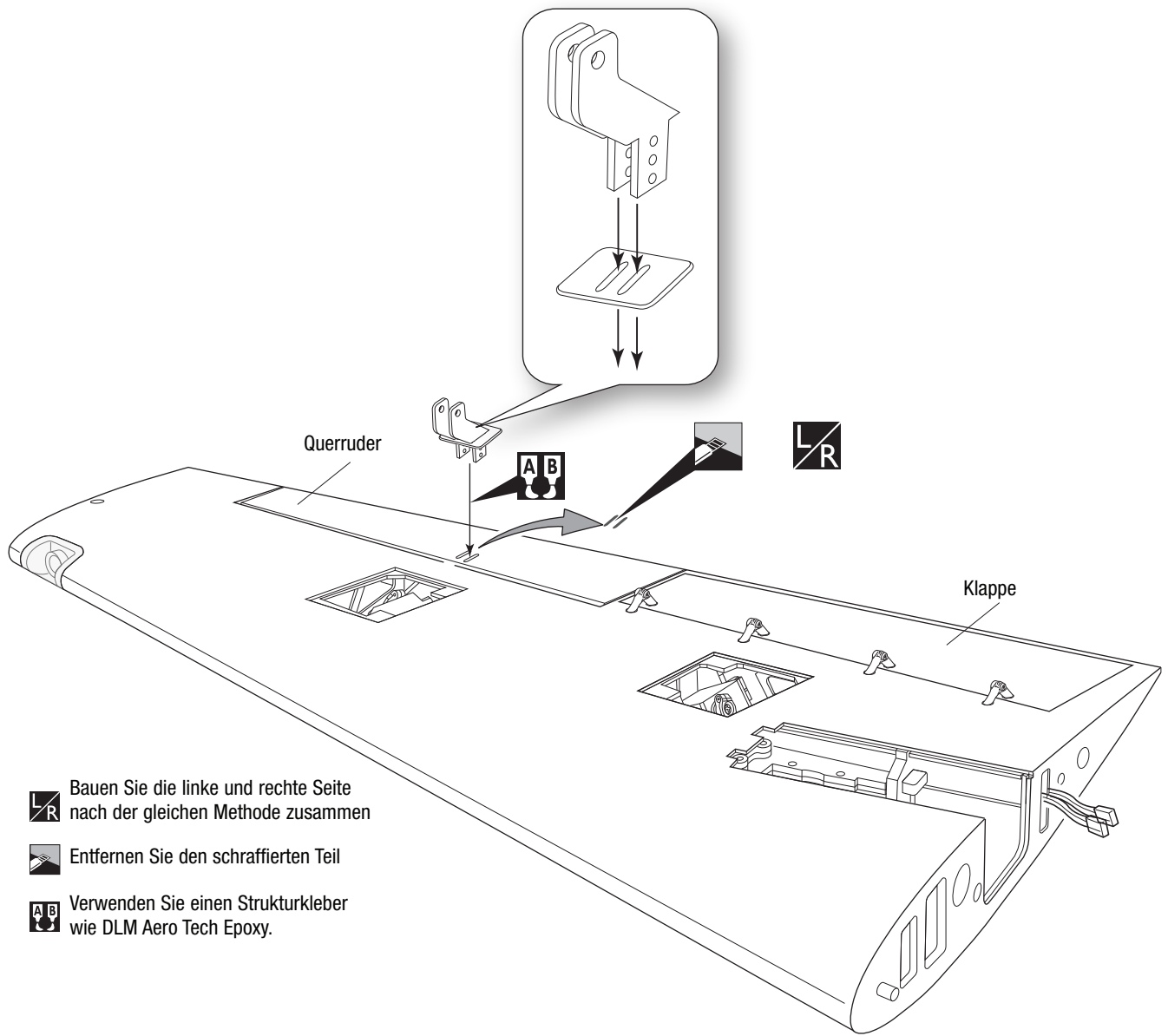
L/R Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

A Binden Sie die Schnur fest

B Ziehen Sie die Servoleitung mit der Schnur durch

L/R Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

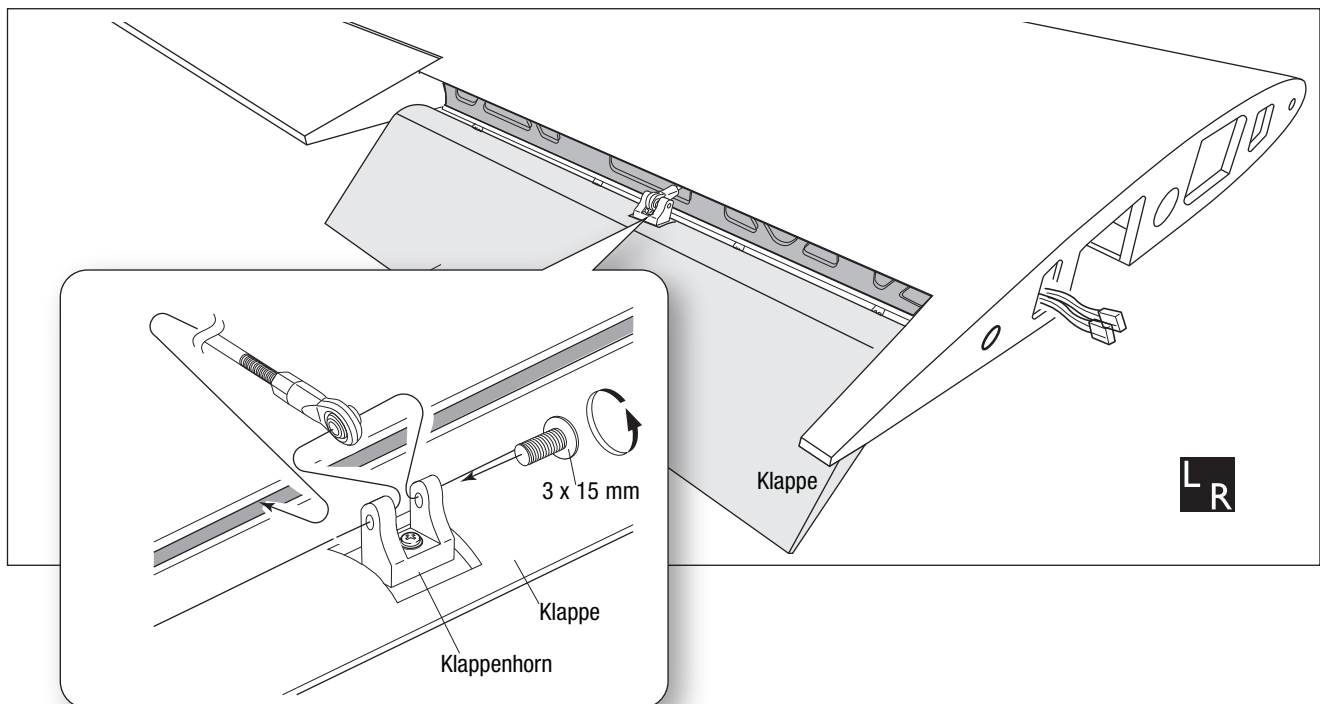


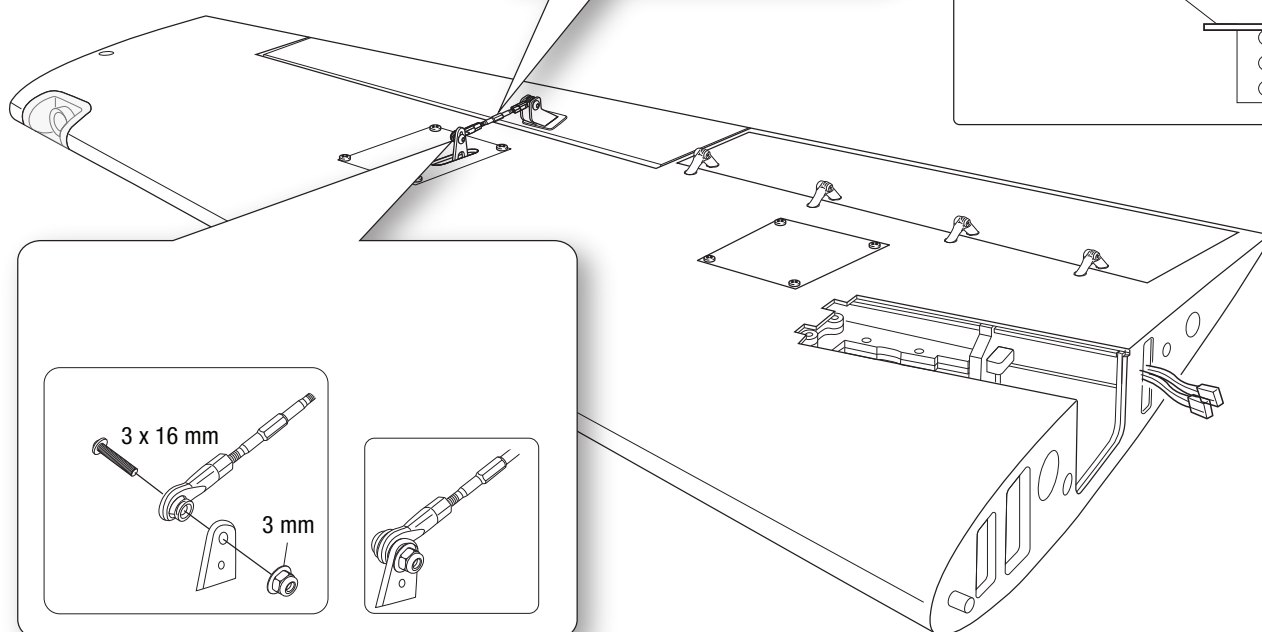
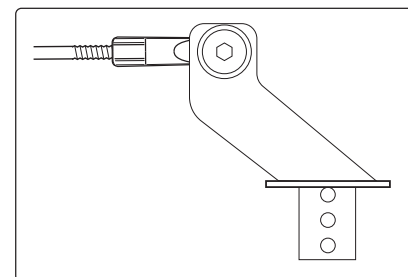
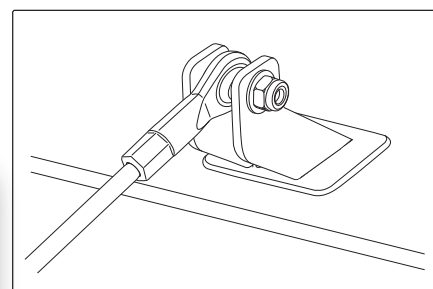
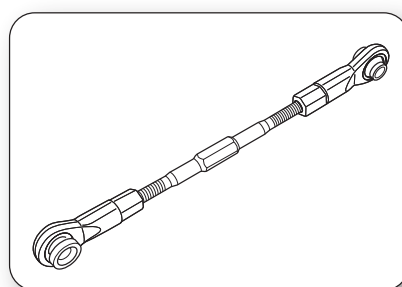
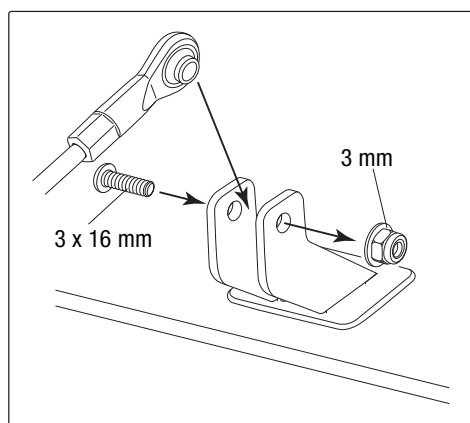
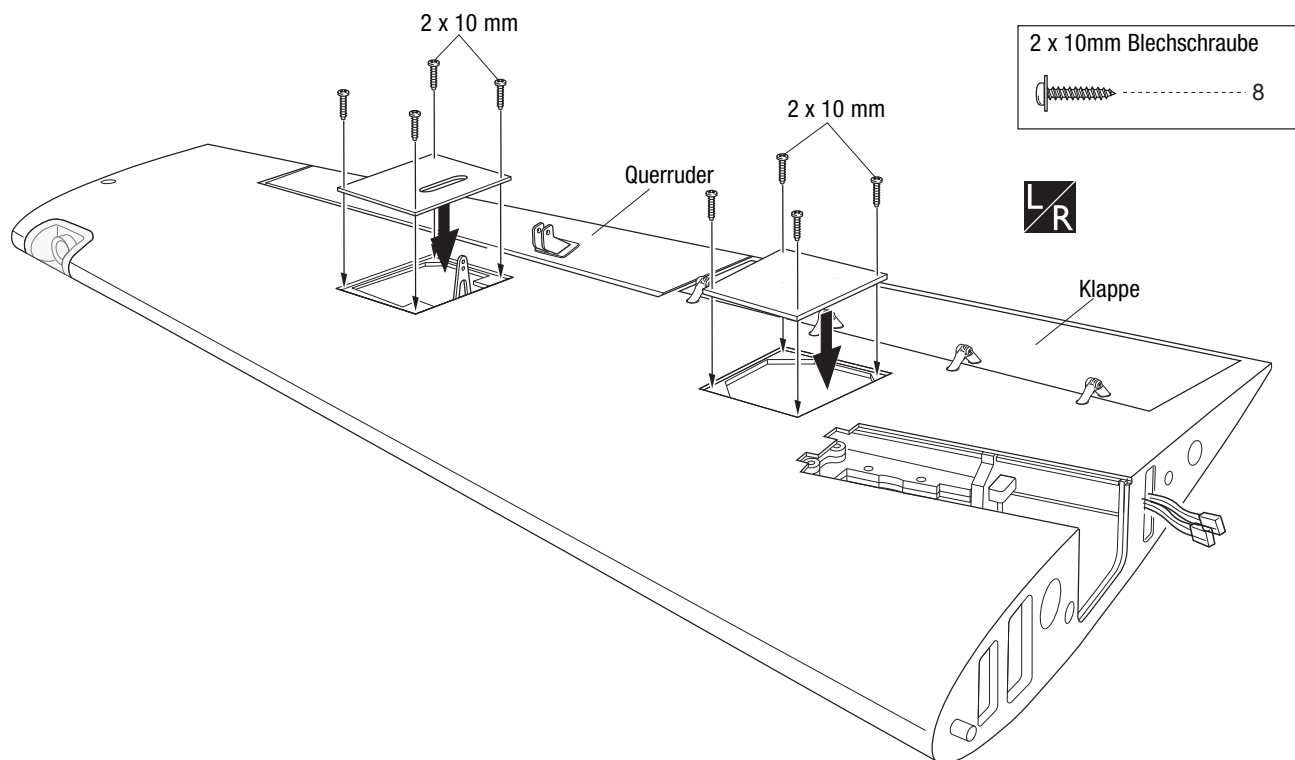


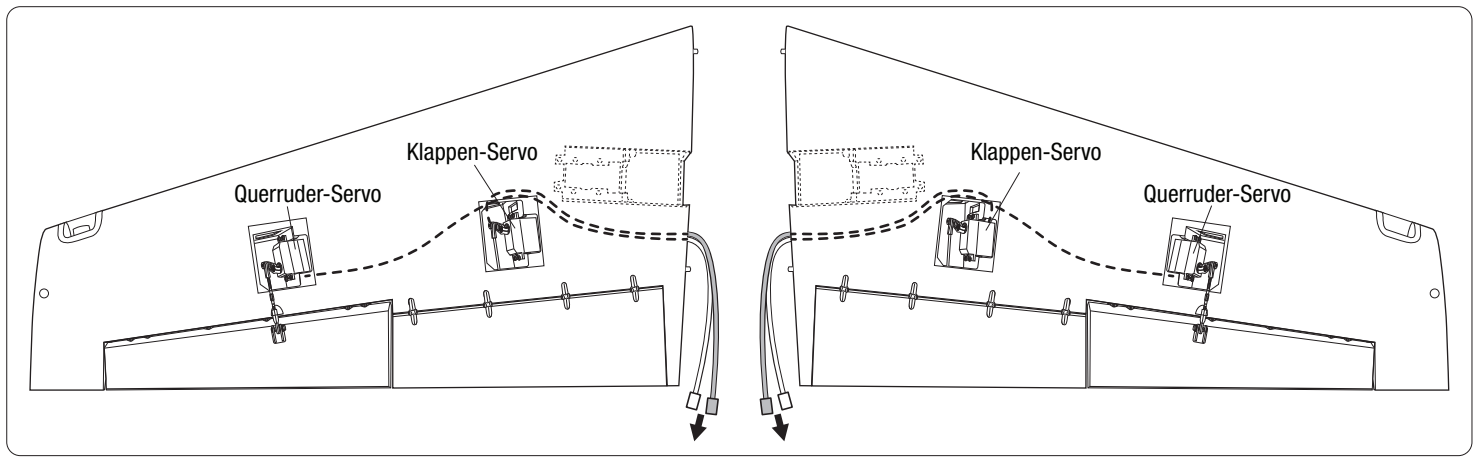
 Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

 Entfernen Sie den schraffierten Teil

 Verwenden Sie einen Strukturkleber wie DLM Aero Tech Epoxy.







MONTAGE DES HAUPTFAHRWERKS

M4 x 25 mm Rundkopfschraube

 8

3 x 12 mm Rundkopfschraube

 2

4 mm Unterlegscheibe

 8

3 x 10 mm Rundkopfschraube

 4

M3 Nylock-Mutter

 4

3 mm Unterlegscheibe

 8

Aluminiumkugel

 4

#16A

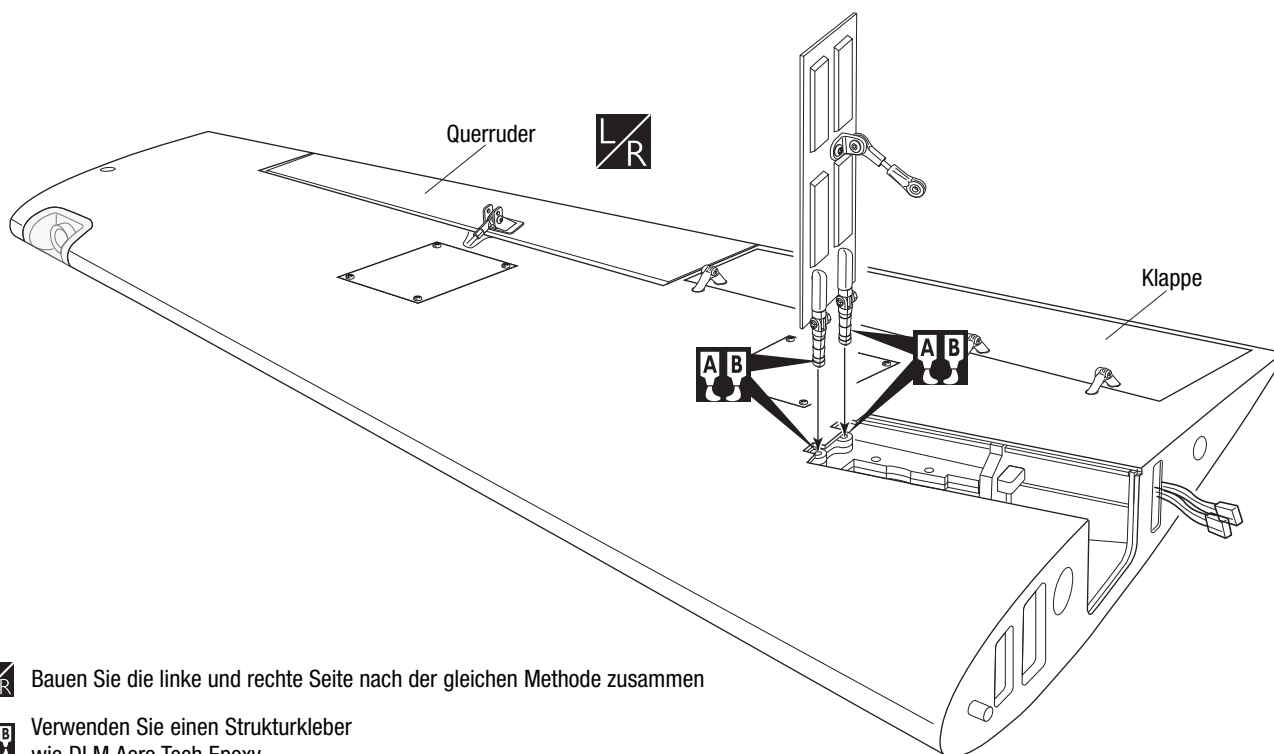
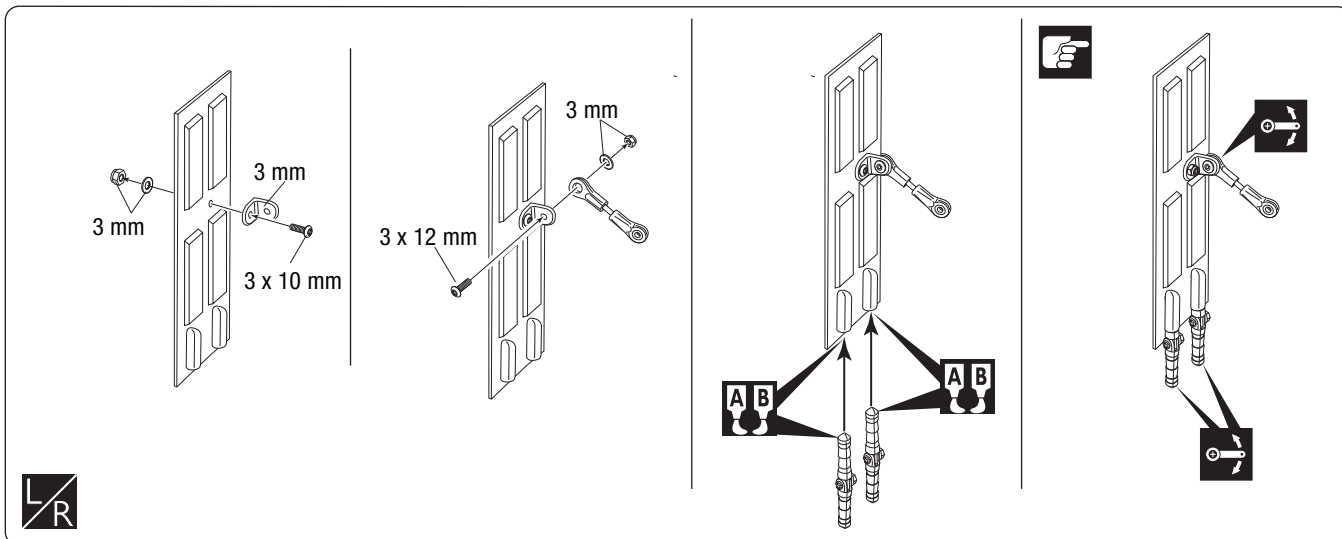
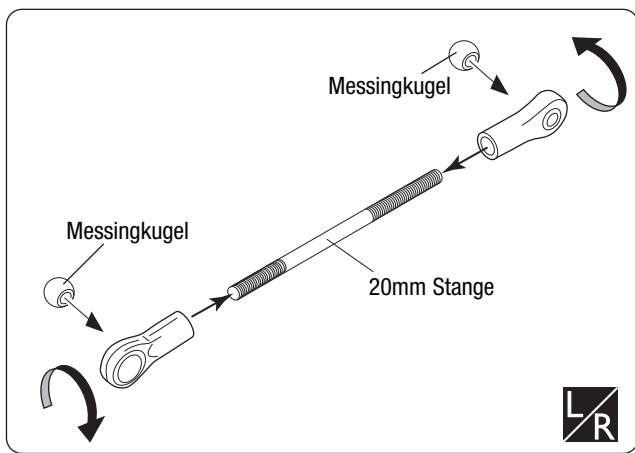
 2

Widerhaken

 4

M3 x 20 mm Gestänge

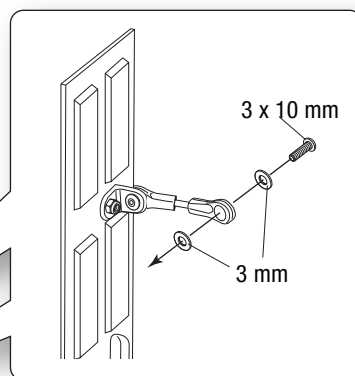
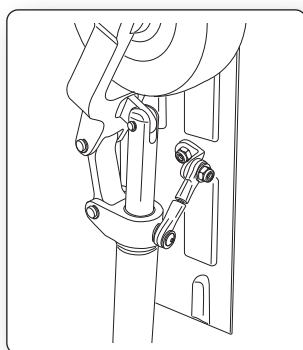
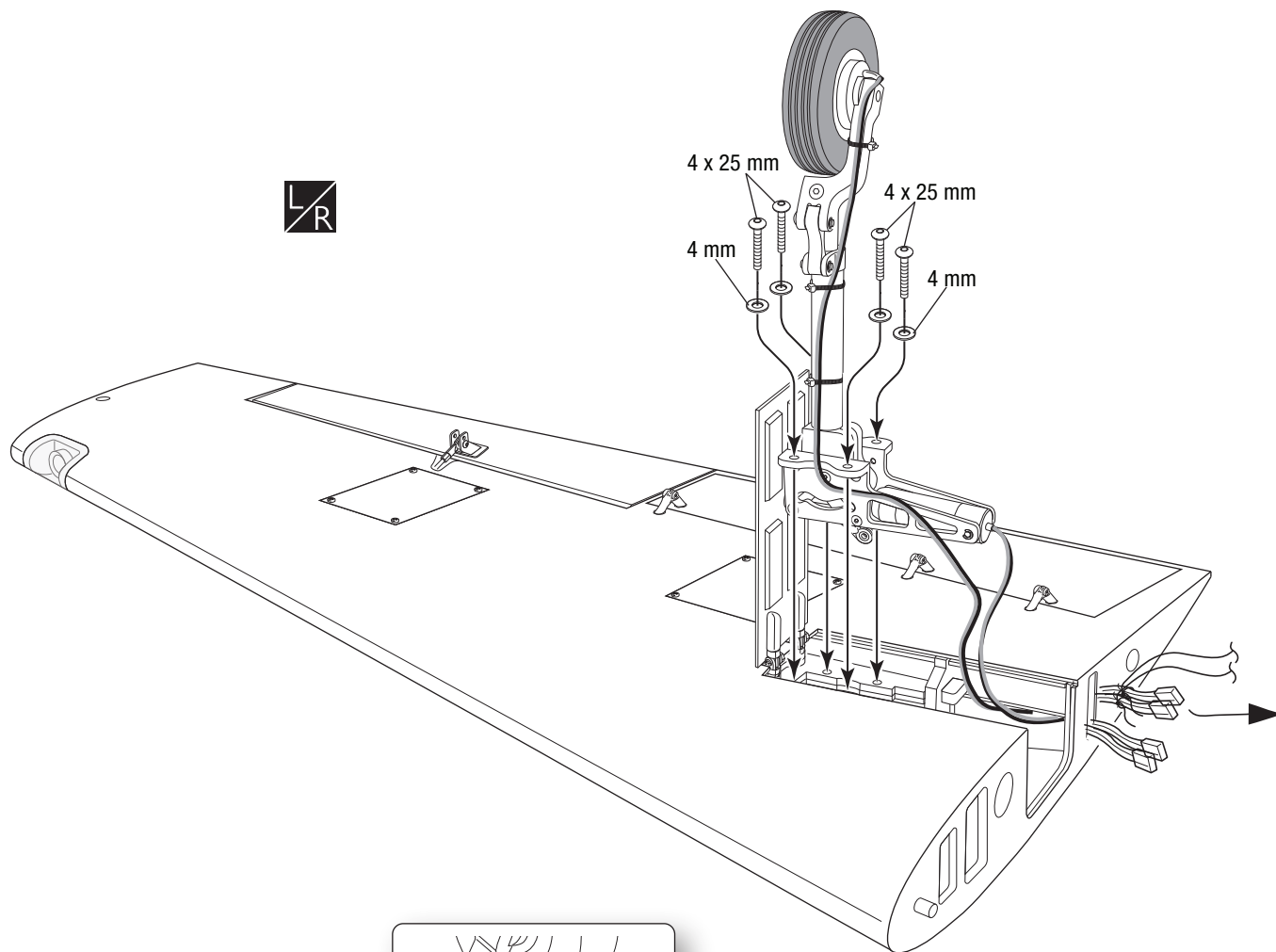
 2



 Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

 Verwenden Sie einen Strukturkleber wie DLM Aero Tech Epoxy.

 Achten Sie bei der Montage auf die Leichtgängigkeit des Gestänges. Vergewissern Sie sich, dass die Aufhängungen richtig befestigt sind, bevor Sie fortfahren.



Gewindesicherung erforderlich

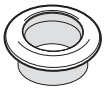


2,5 mm Loch bohren



Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

Kunststoffabdeckung



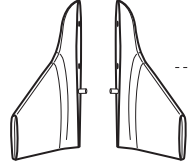
2

Aluminium (#8-6mm)

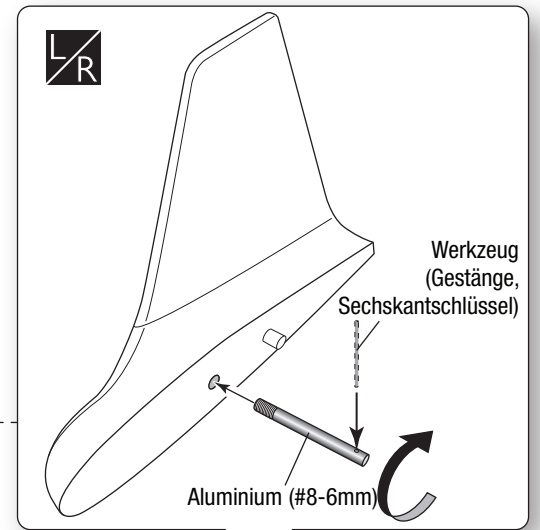
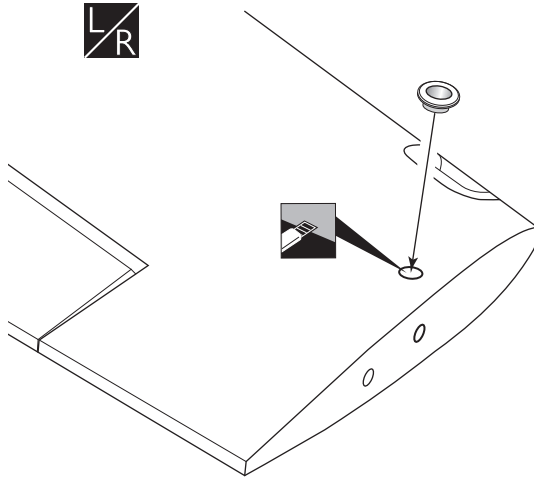


2

Flügelspitzen

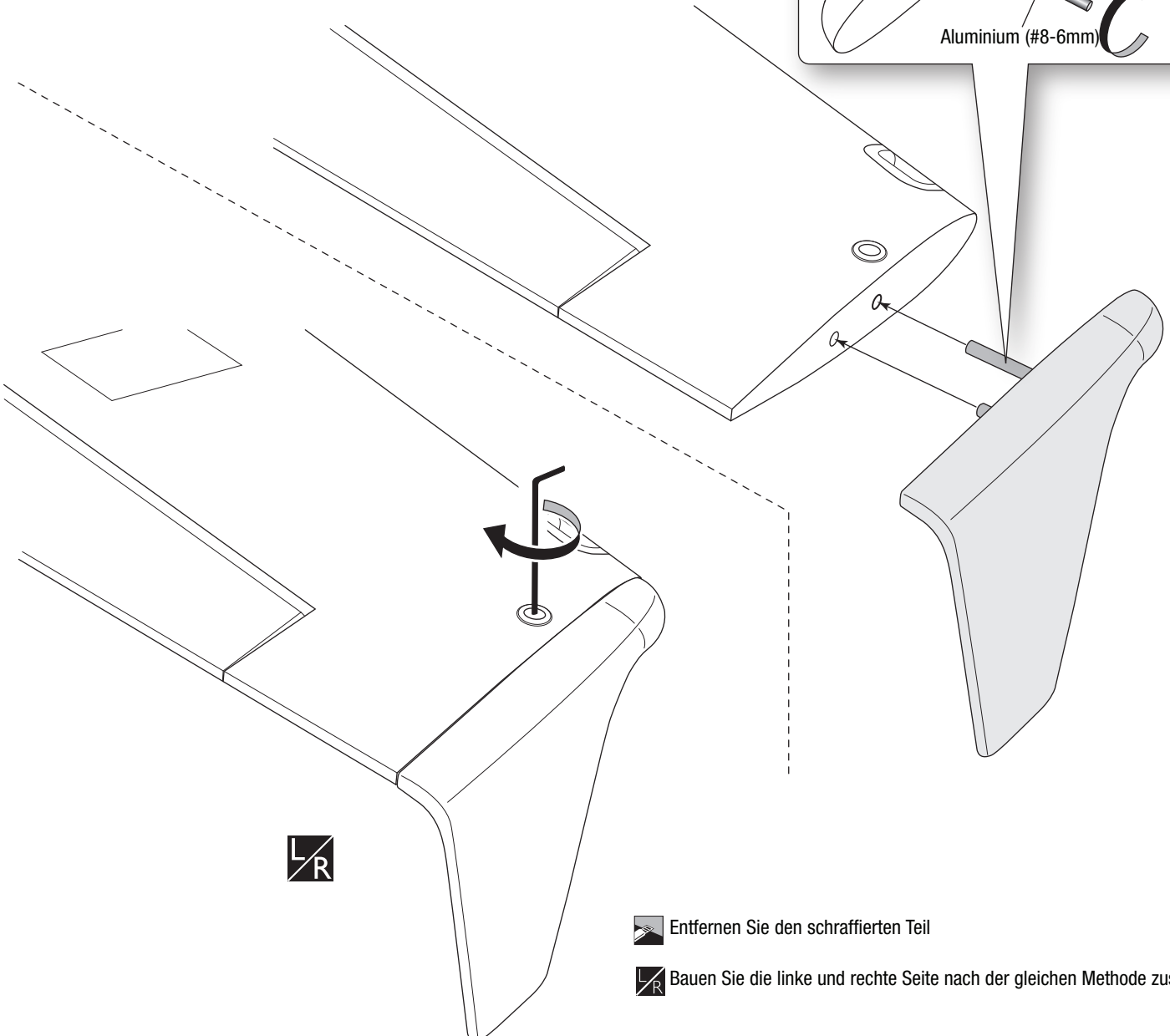


1



Werkzeug
(Gestänge,
tschlüssel)

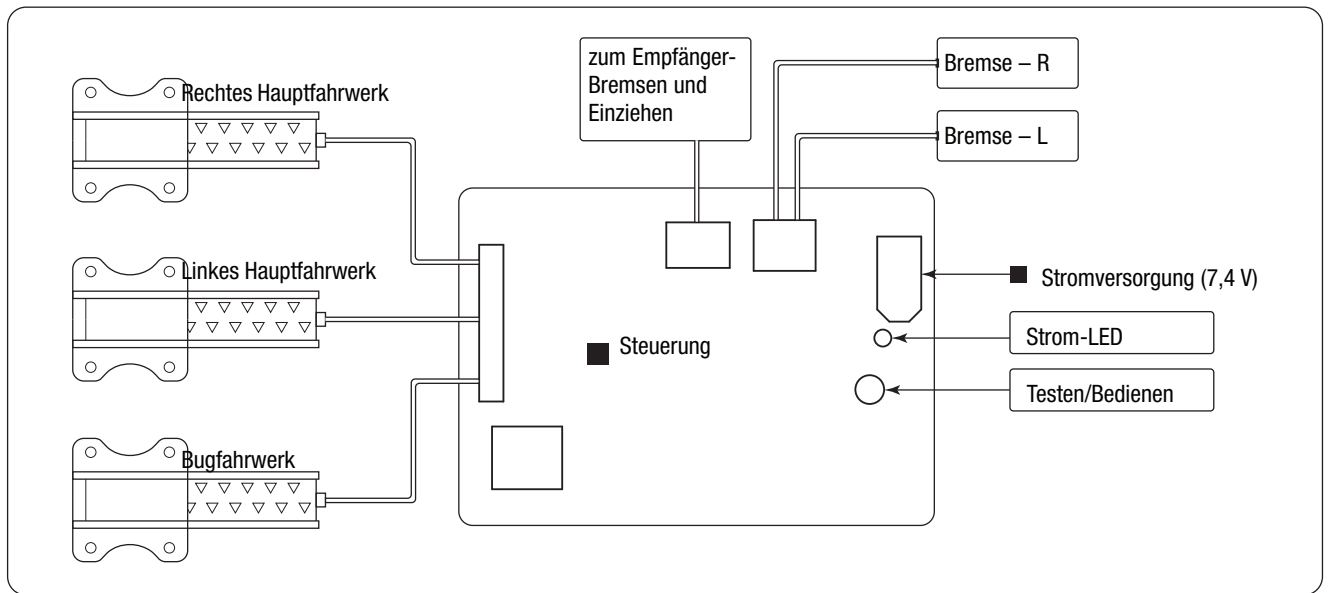
Aluminium (#8-6mm)



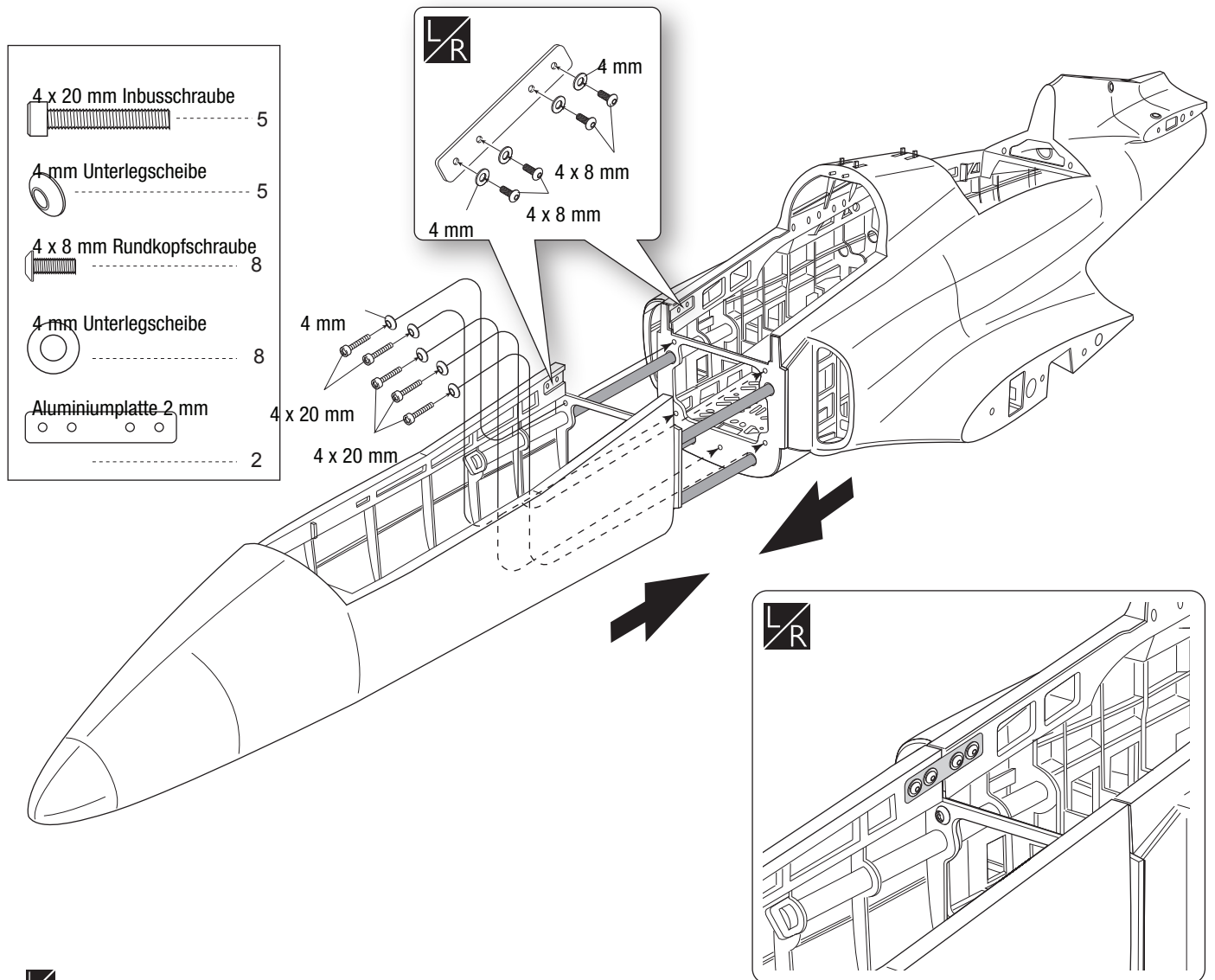
Entfernen Sie den schraffierten Teil



Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

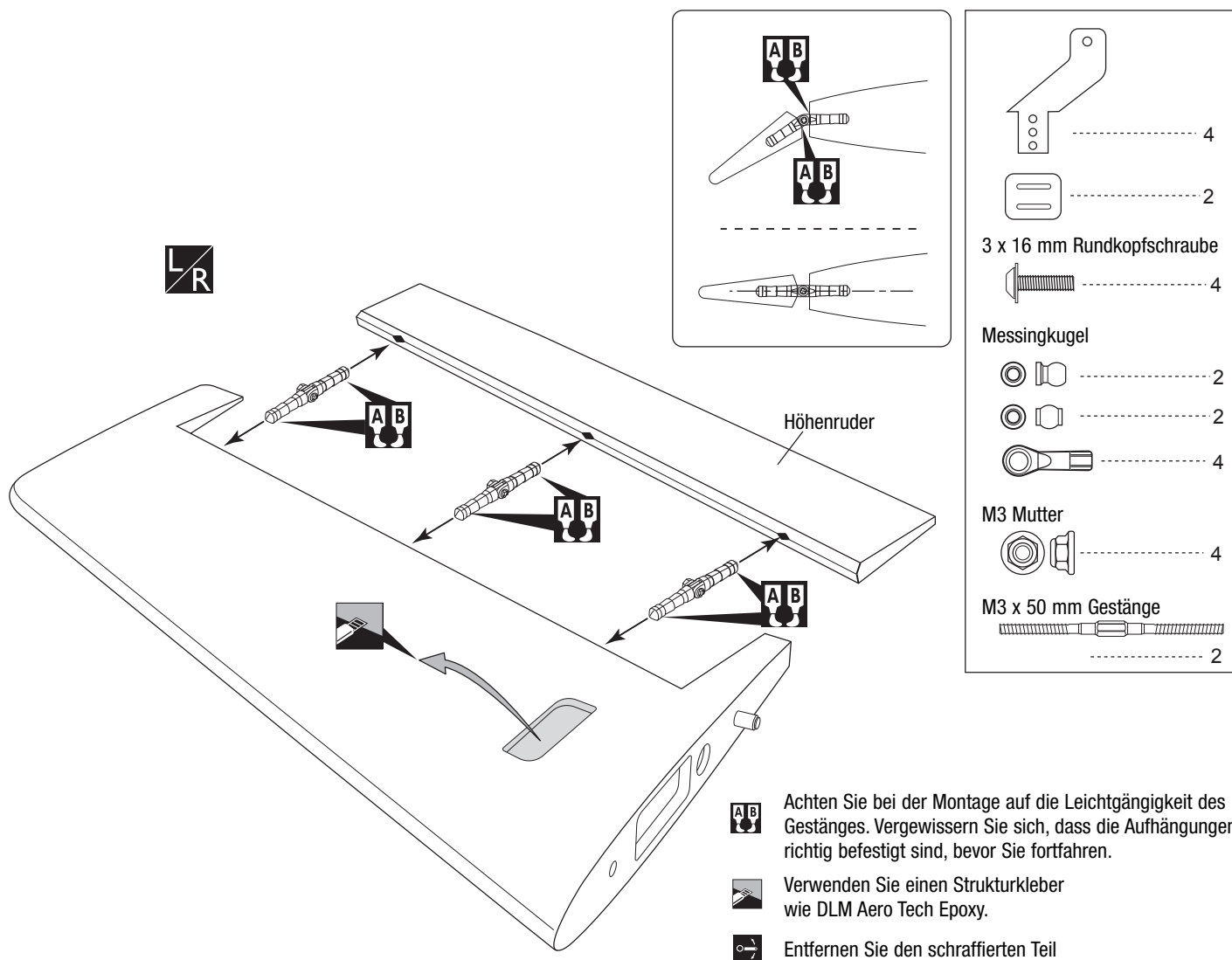


ZUSAMMENFÜHREN DES RUMPFS

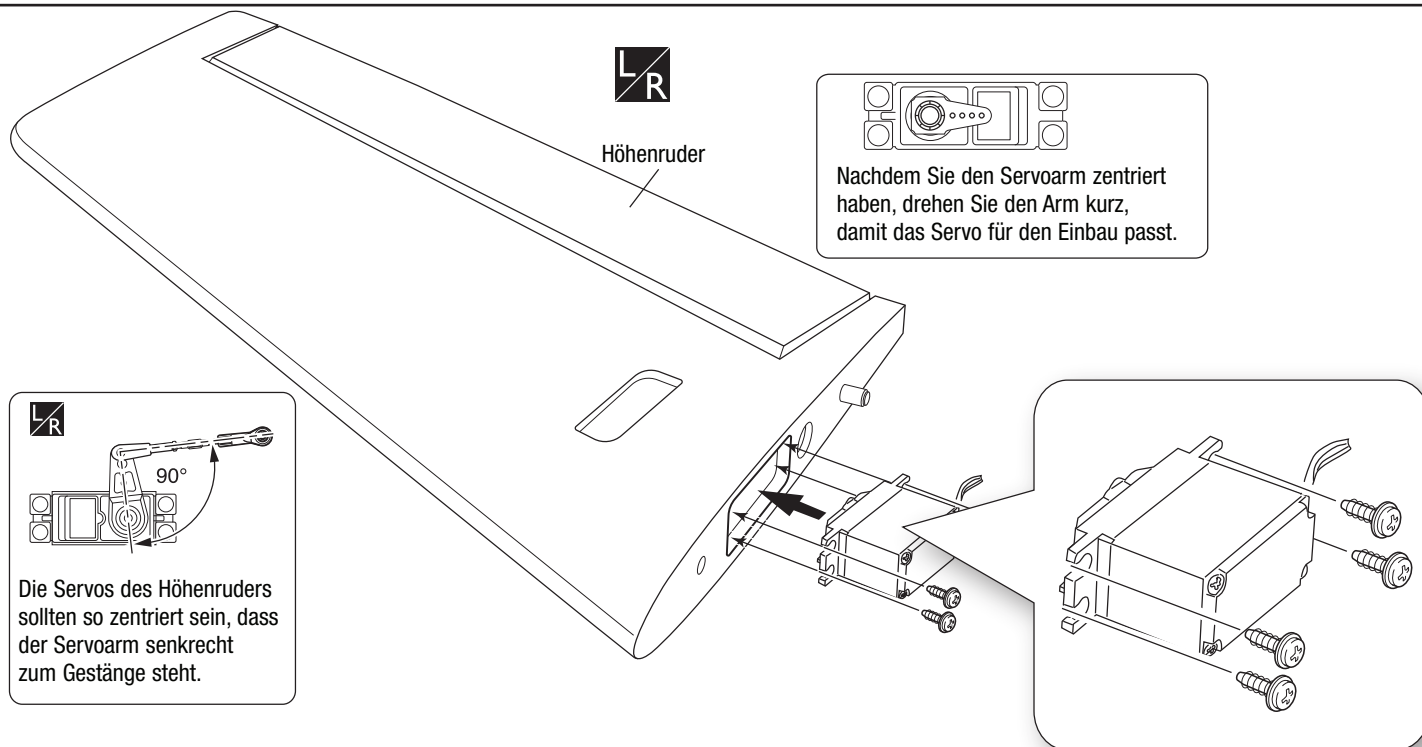


Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

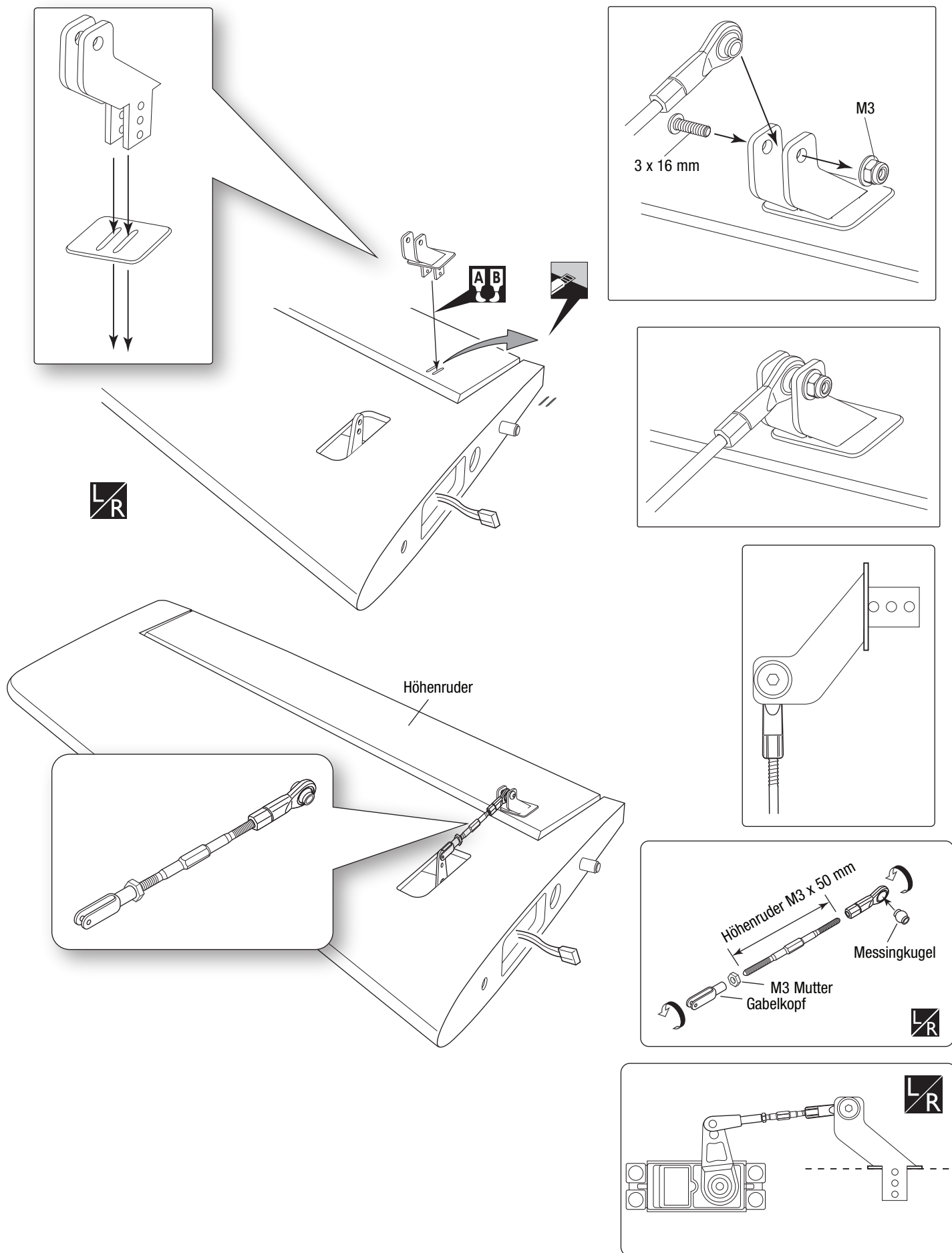
MONTAGE DER AUFHÄNGUNG DES HÖHENRUDERS



MONTAGE DES SERVOS DES HÖHENRUDERS

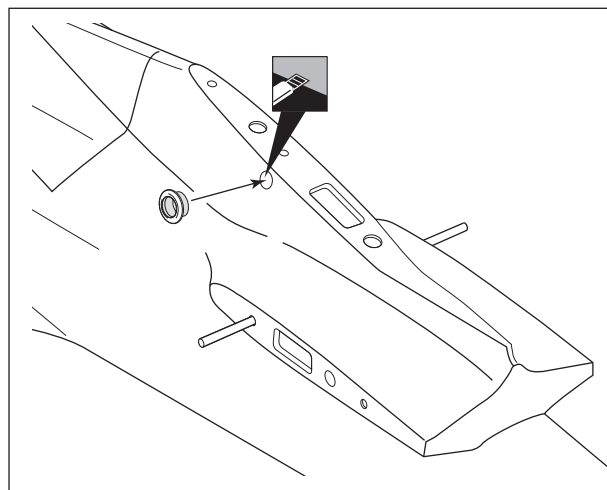


Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

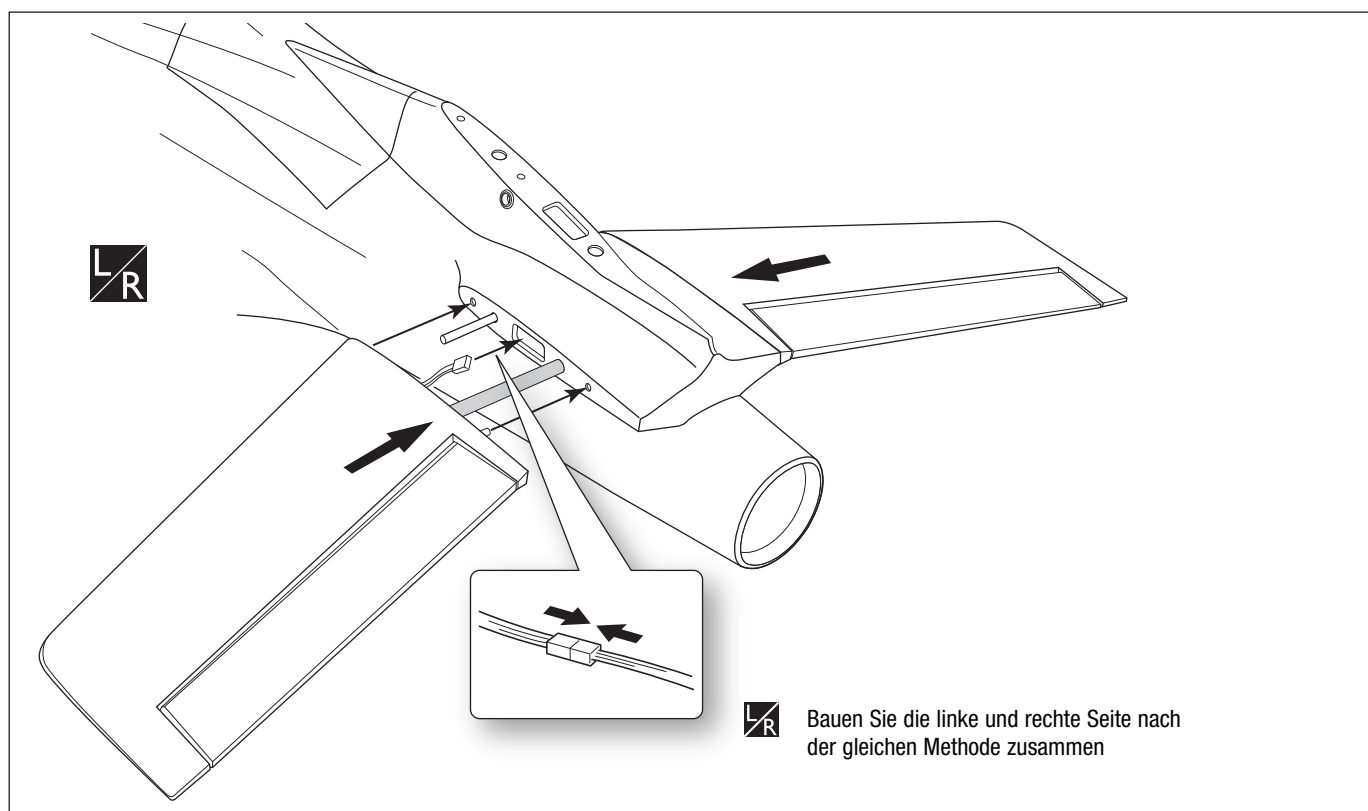
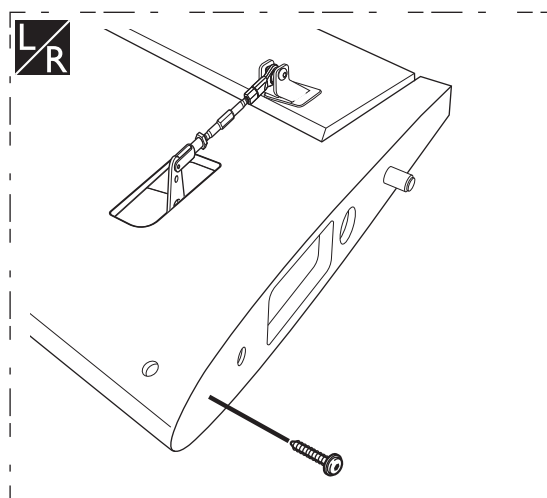


-  Verwenden Sie einen Strukturkleber wie DLM Aero Tech Epoxy.
 -  Entfernen Sie den schraffierten Teil
 -  Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

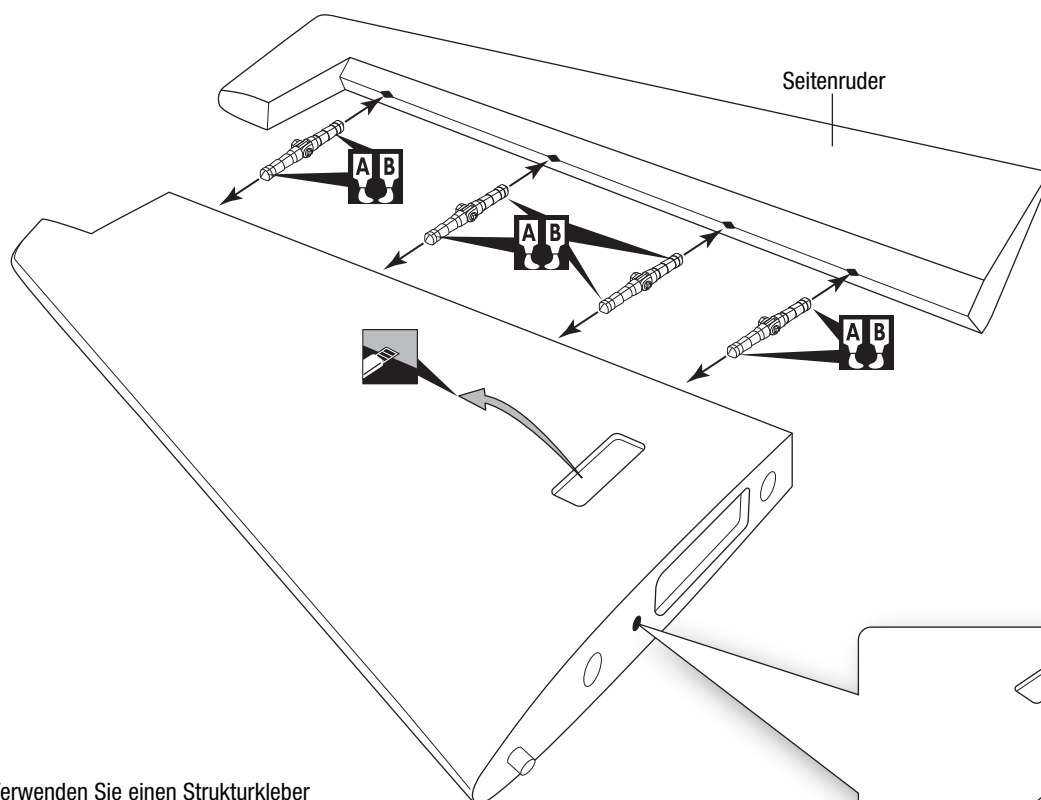
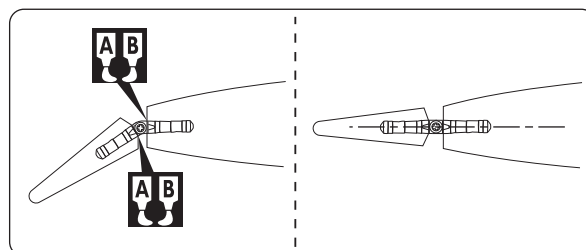
 Entfernen Sie den schraffierten Teil



SICHERN DER HÄLFTEN DES HÖHENLEITWERKS



MONTAGE DES AUFHÄNGUNG DES SEITENRUDERS

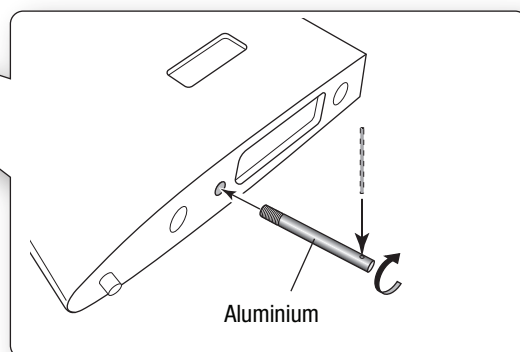


	2
	1
3 x 16 mm Rundkopfschraube	
	2
Messingkugel	
	1
	1
	2
M3 Mutter	
	2
Aluminium	
	1
M3 x 50 mm Gestänge	
	1

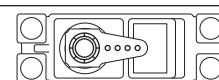
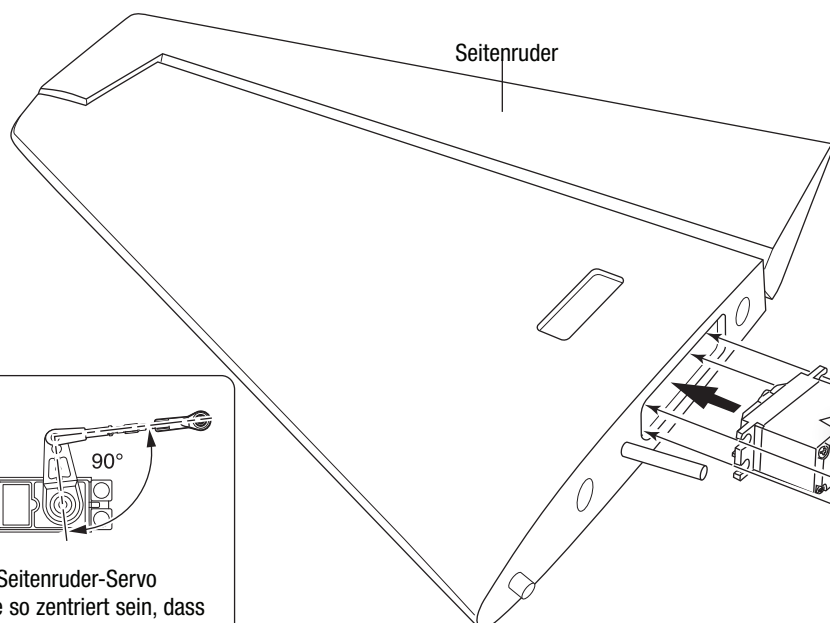
A B Verwenden Sie einen Strukturkleber wie DLM Aero Tech Epoxy.

Entfernen Sie den schraffierten Teil

Achten Sie bei der Montage auf die Leichtgängigkeit des Gestänges. Vergewissern Sie sich, dass die Aufhängungen richtig befestigt sind, bevor Sie fortfahren.

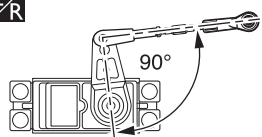


MONTAGE DES SEITENRUDER-SERVO

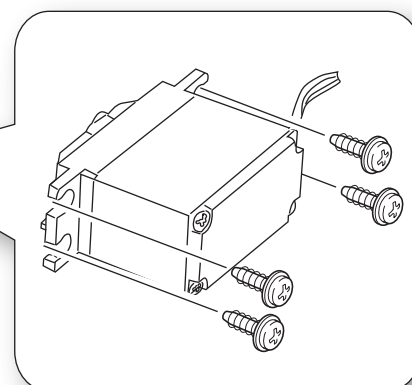


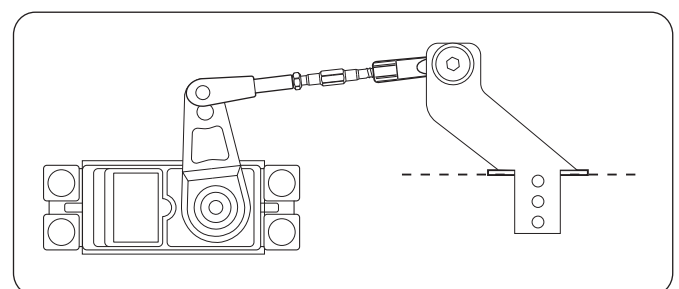
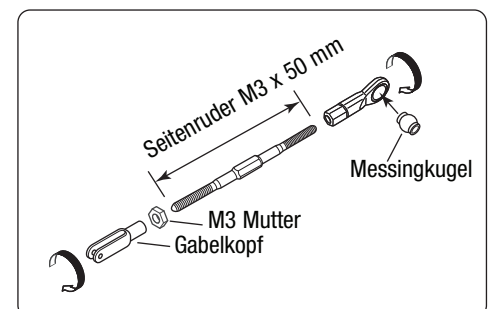
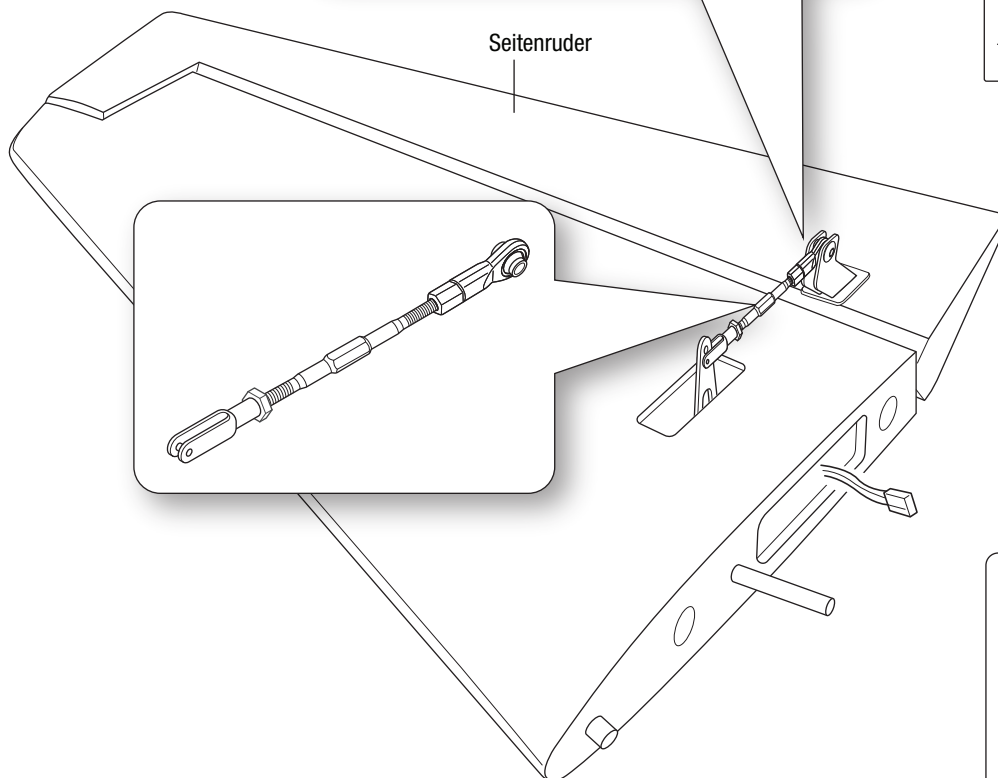
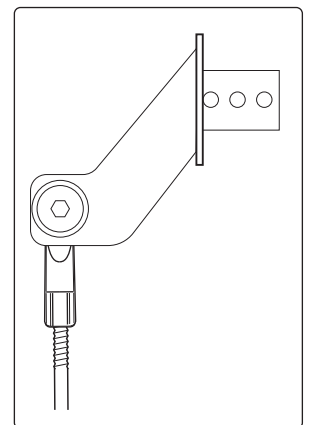
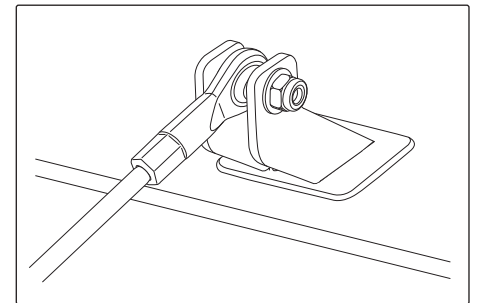
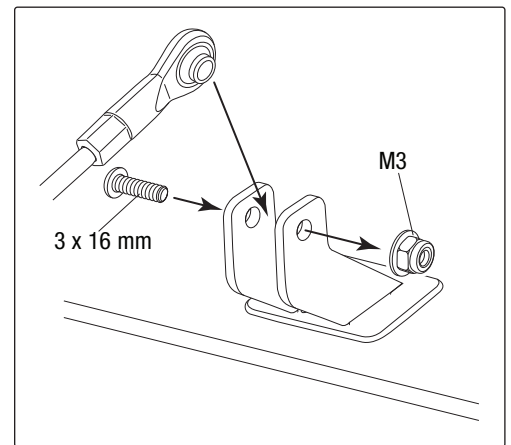
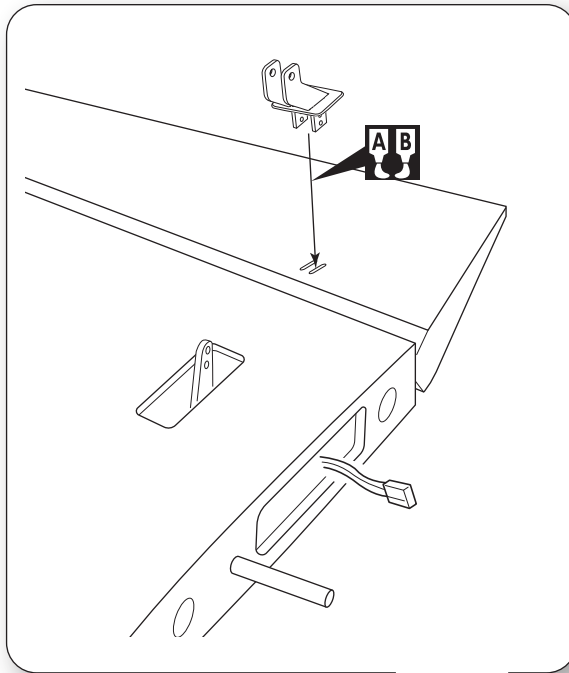
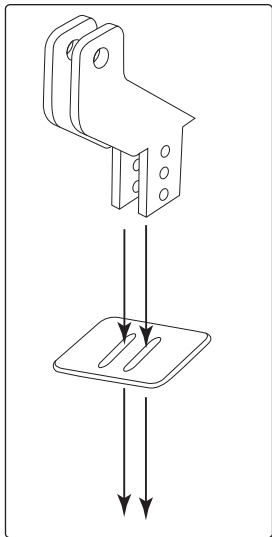
Nachdem Sie den Servoarm zentriert haben, drehen Sie den Arm kurz, damit das Servo für den Einbau passt.

L R



Das Seitenruder-Servo sollte so zentriert sein, dass der Servoarm senkrecht zum Gestänge steht.

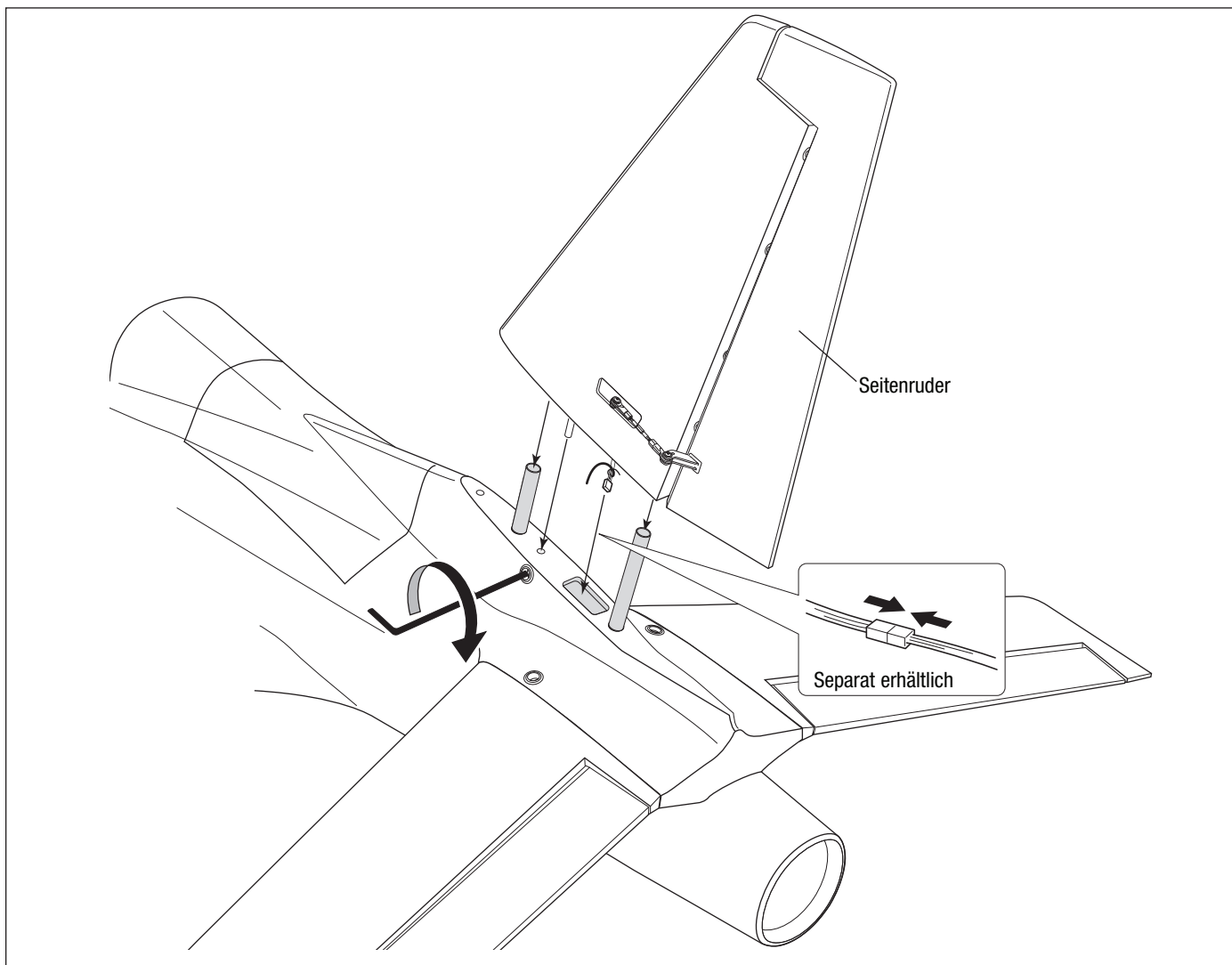




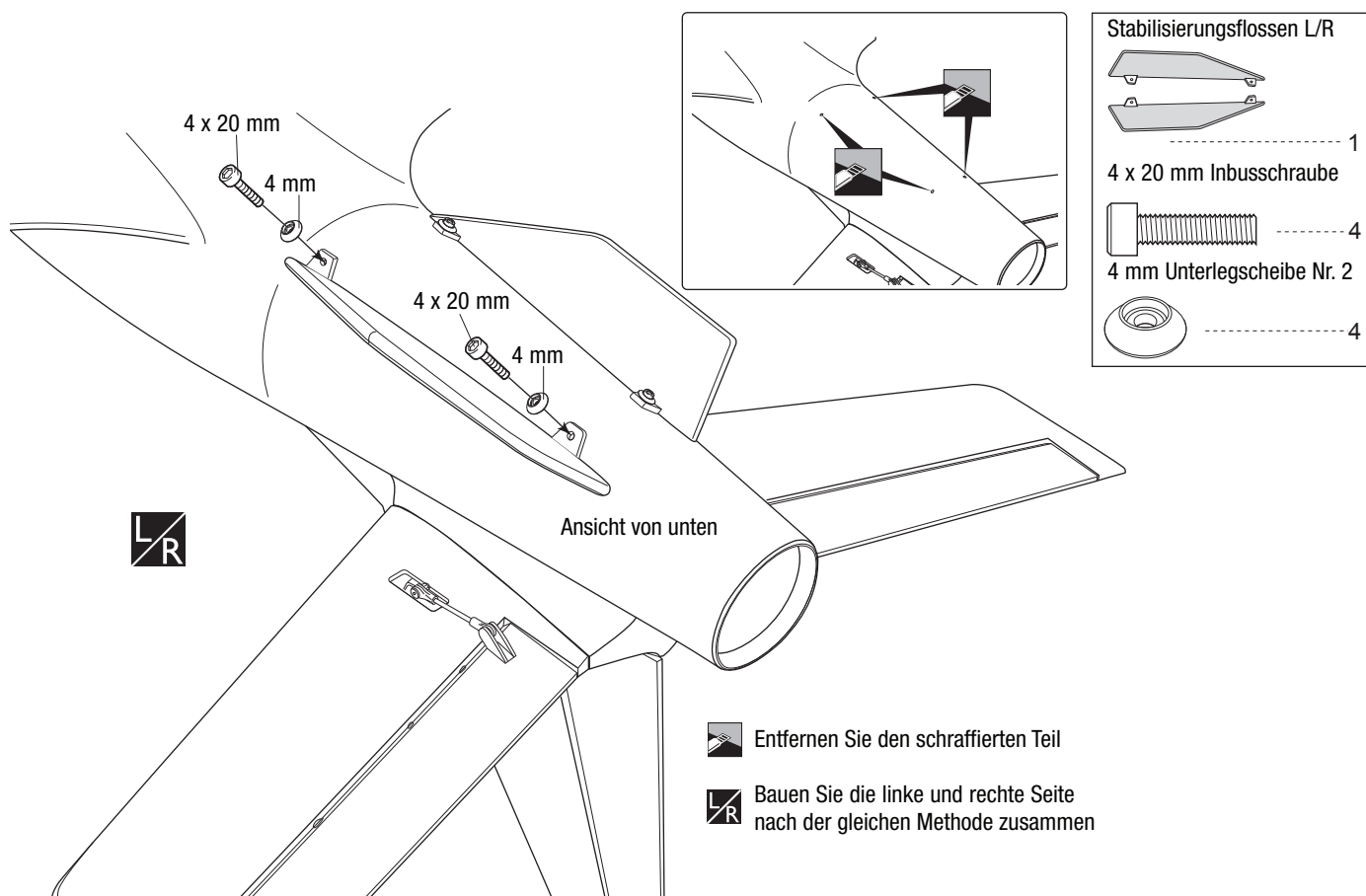
Verwenden Sie einen Strukturkleber wie DLM Aero Tech Epoxy.

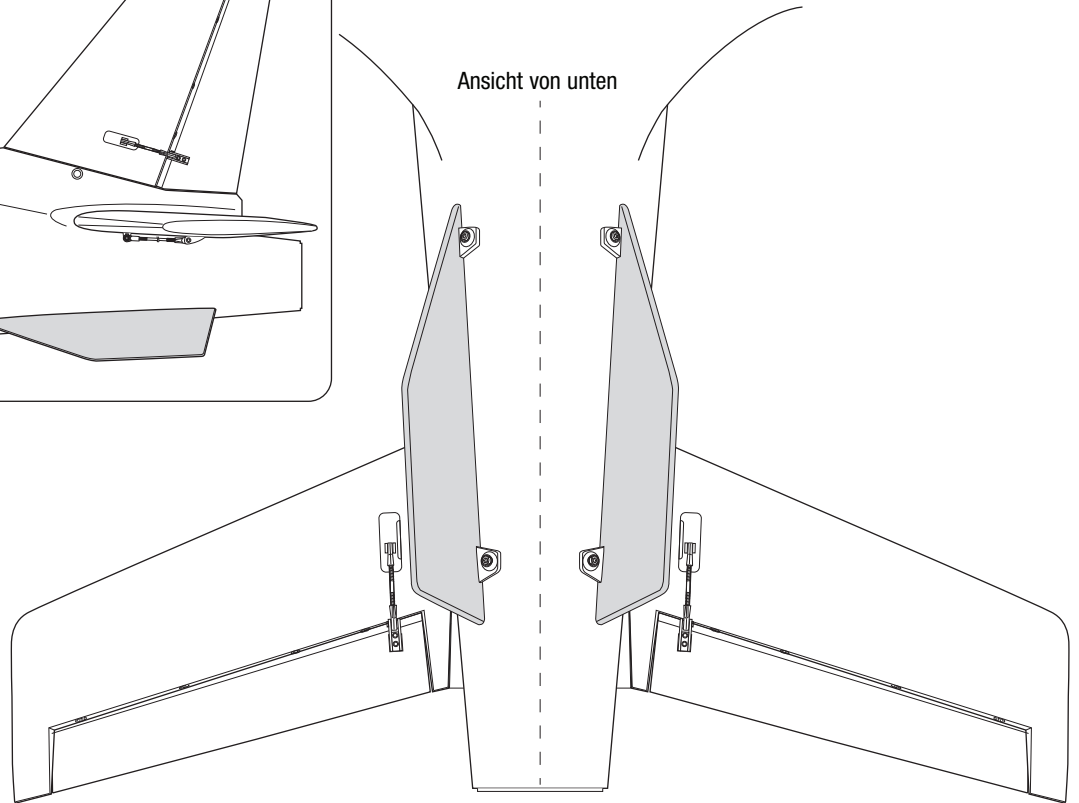
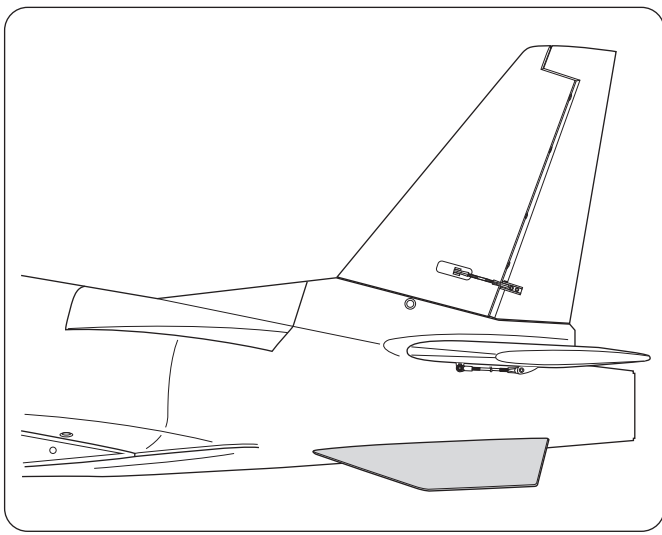


Entfernen Sie den schraffierten Teil



MONTAGE DER STABILISIERUNGSFLOSSE





3 x 12 mm Rundkopfschraube

M3 Nylock-Mutter

3 mm Unterlegscheibe

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

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M3 x 34 mm Gestänge

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Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

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M3 x 34 mm Gestänge

Aluminiumkugel

M3 x 34 mm Gestänge

Aluminiumkugel

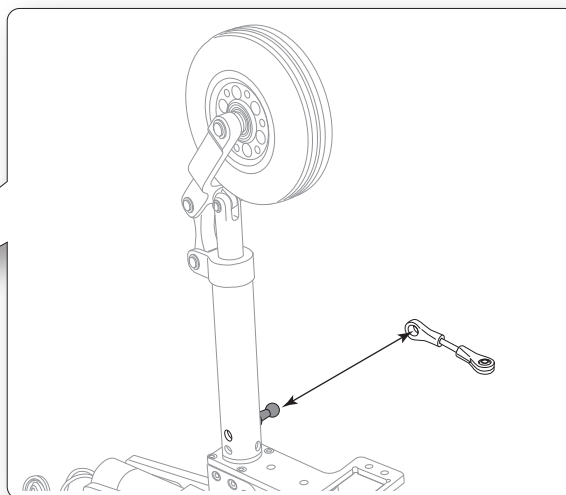
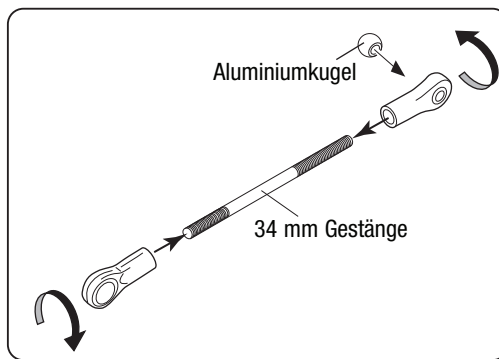
M3 x 34 mm Gestänge

Aluminiumkugel

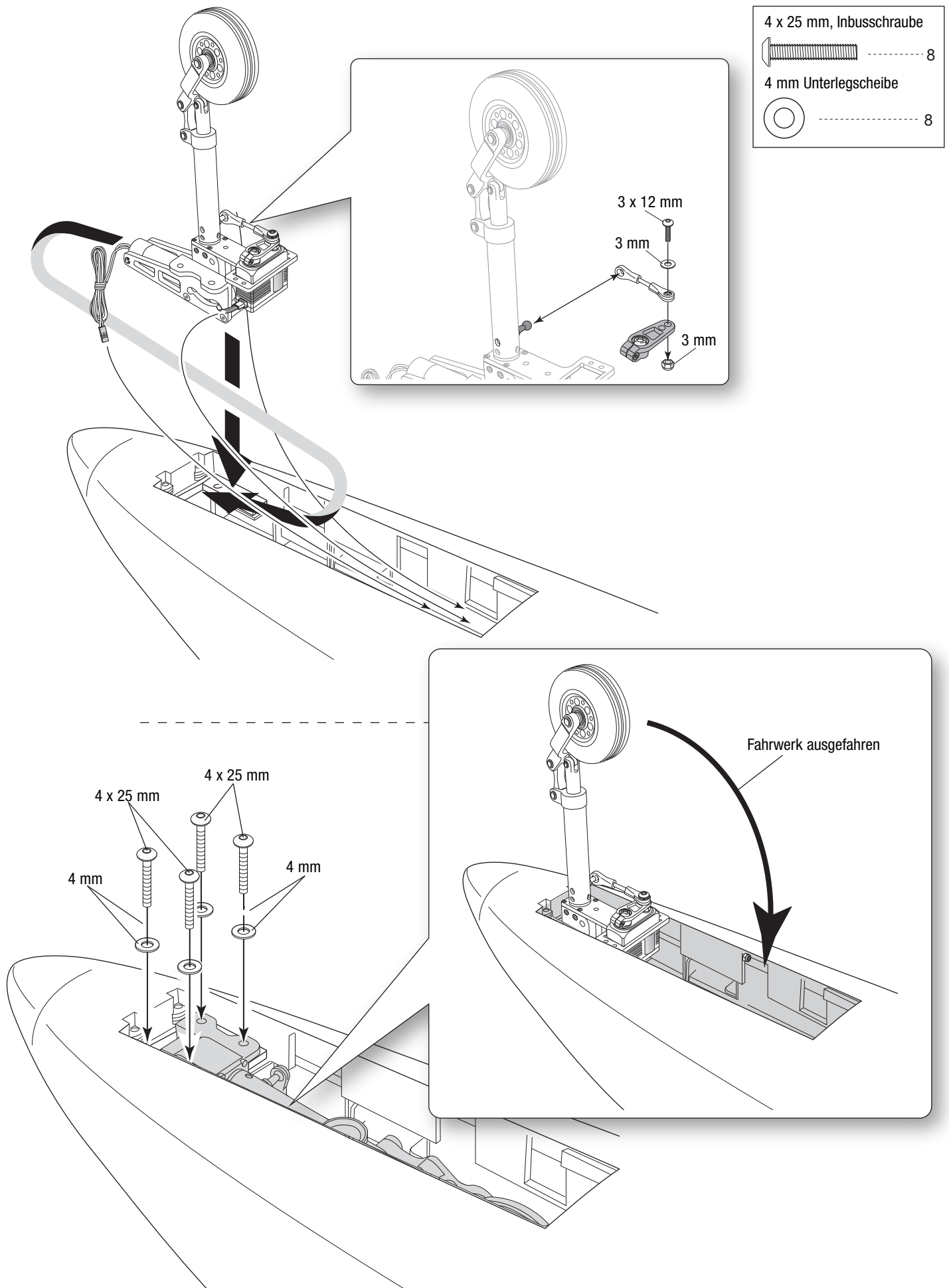
M3 x 34 mm Gestänge

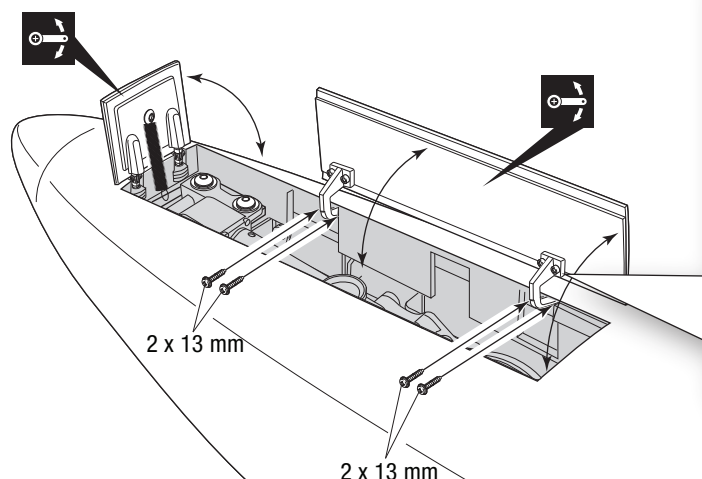
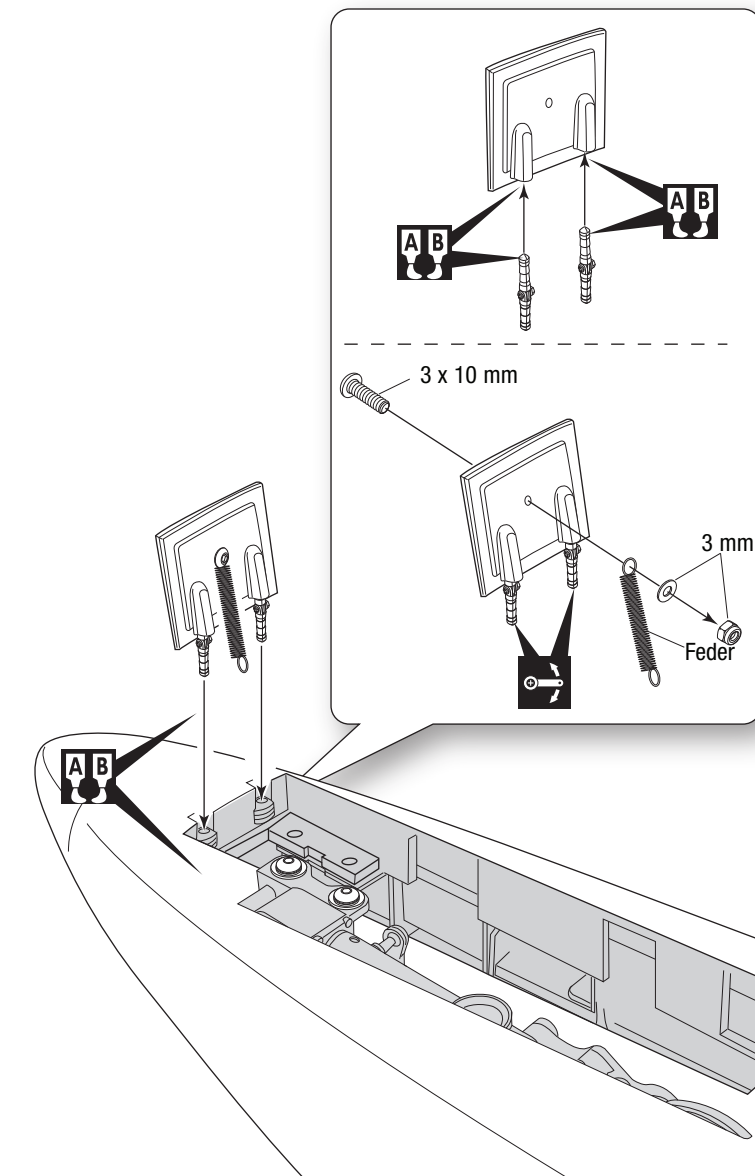
Aluminiumkugel

M3 x 34 mm Gestänge



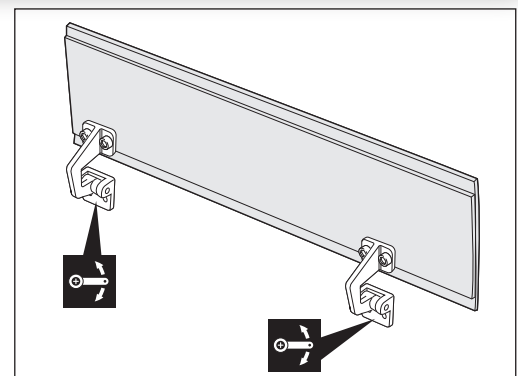
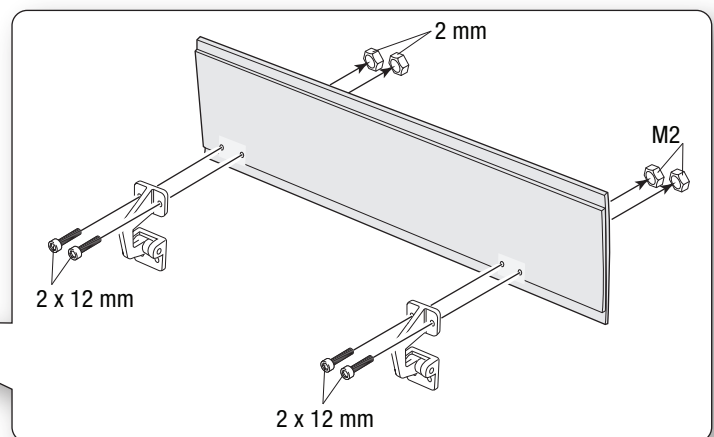
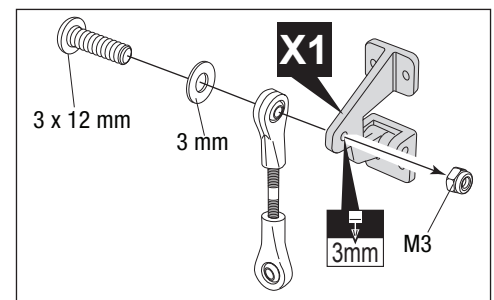
➡ Achten Sie bei der Montage auf die Leichtgängigkeit des Gestänges.





Kunststoff-Stiftaufhängungen M (Nr. 3)	2
Kunststoffaufhängungen (Nr. 8)	2
4 x 8 mm Rundkopfschraube	1
Feder (Nr. 28)	1
Aluminiumkugel	2
M3 x 34 mm Gestänge	1

M3 Nylock-Mutter	3
3 mm Unterlegscheibe	3
3 x 12 mm Rundkopfschraube	2
3 x 10 mm Rundkopfschraube	1
2 x 13 mm Blechschraube	6
2 x 12 mm, Inbusschraube	6
M2-Mutter	6



3 mm Loch bohren



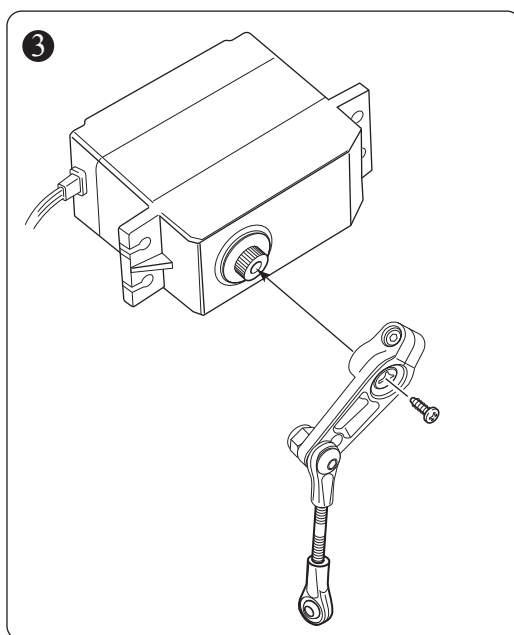
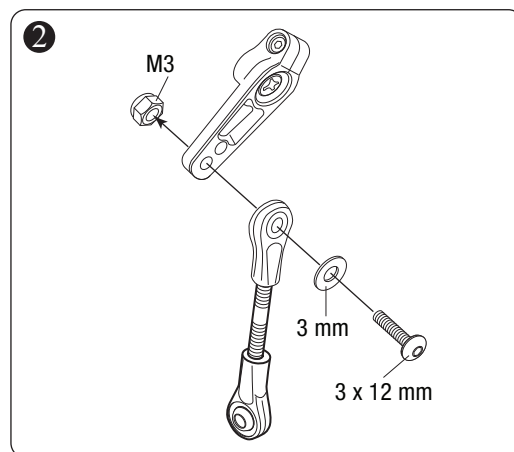
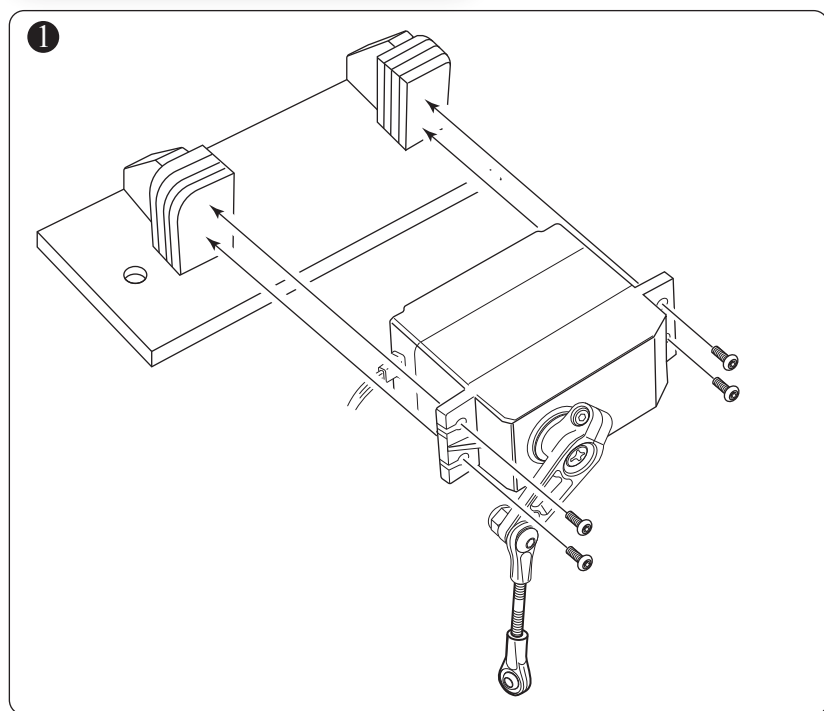
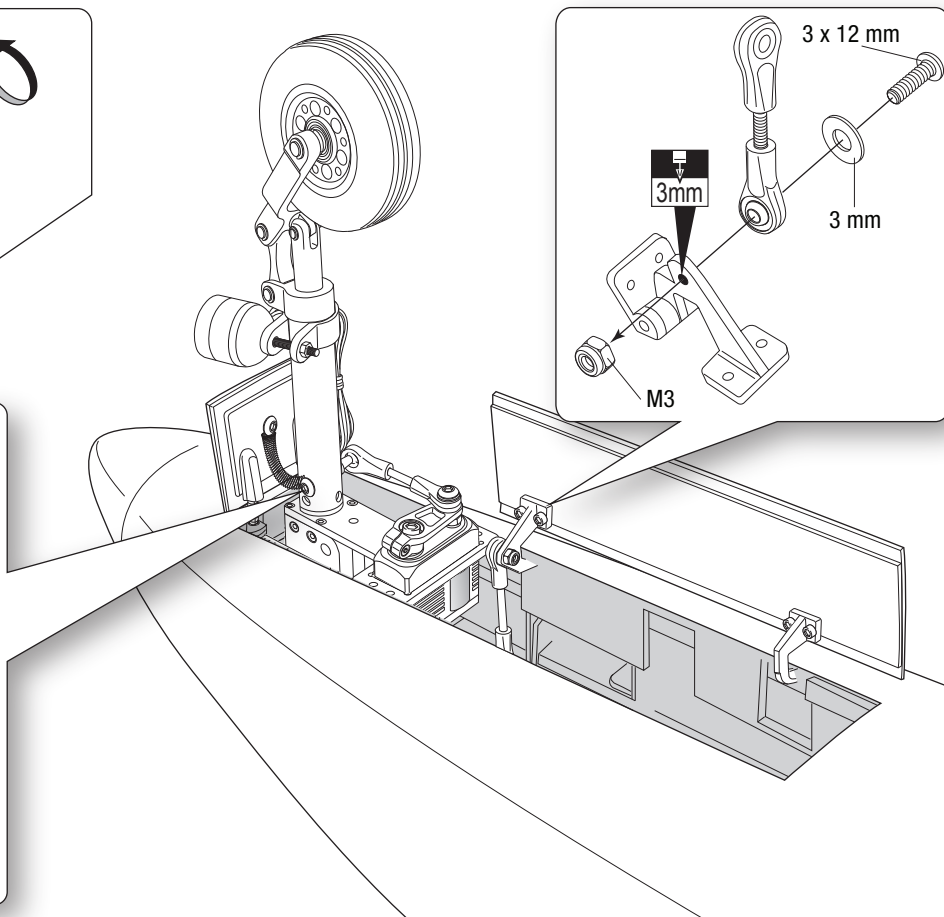
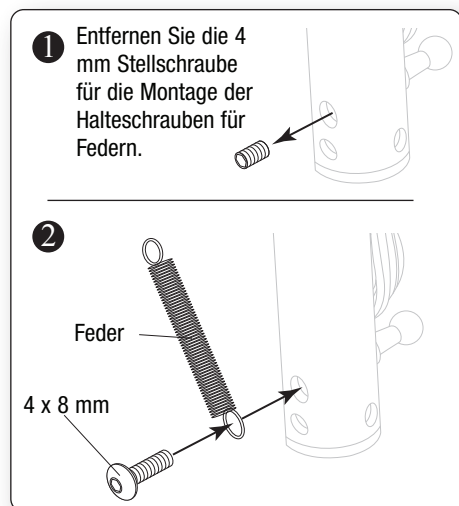
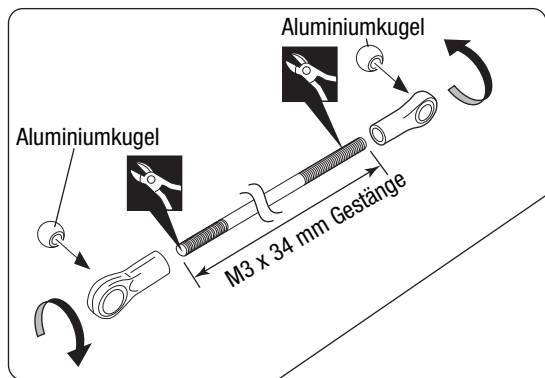
Verwenden Sie einen Strukturkleber wie DLM Aero Tech Epoxy.



Entfernen Sie den schraffierten Teil



Achten Sie bei der Montage auf die Leichtgängigkeit des Gestänges. Vergewissern Sie sich, dass die Aufhängungen richtig befestigt sind, bevor Sie fortfahren.



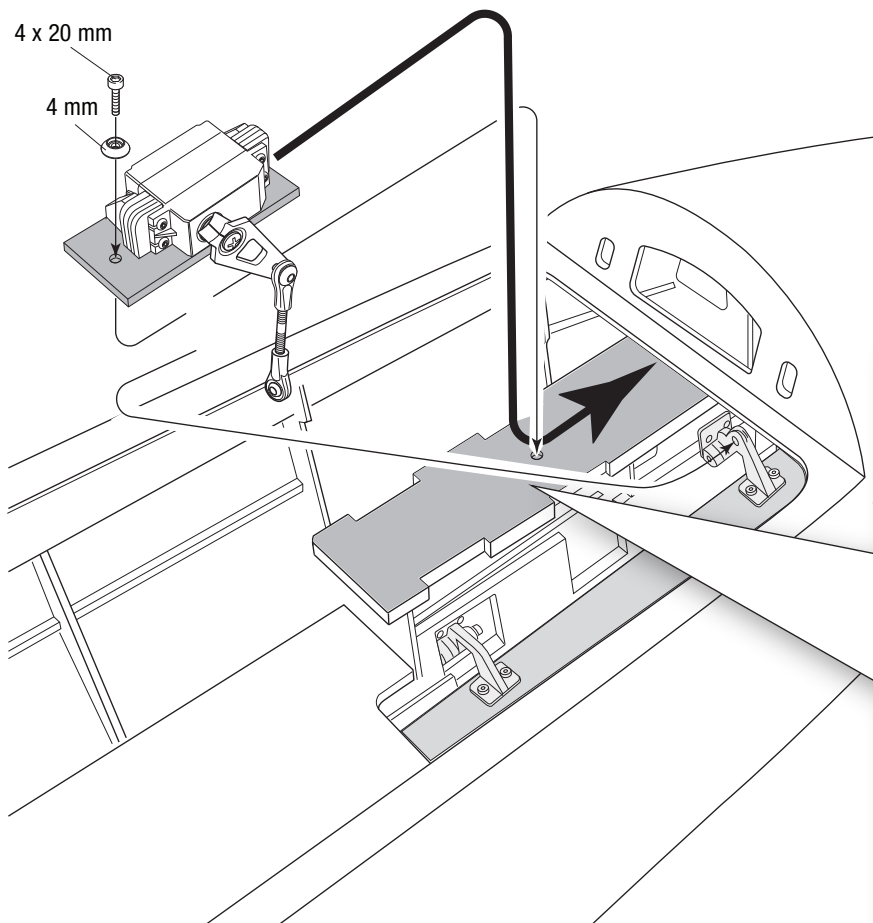
Überschuss abschneiden



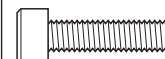
3 mm Loch bohren



Zusammenbau in der angegebenen Reihenfolge



4 x 20 mm Inbusschraube



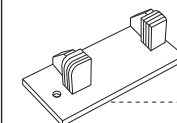
1

4 mm Unterlegscheibe Nr. 2

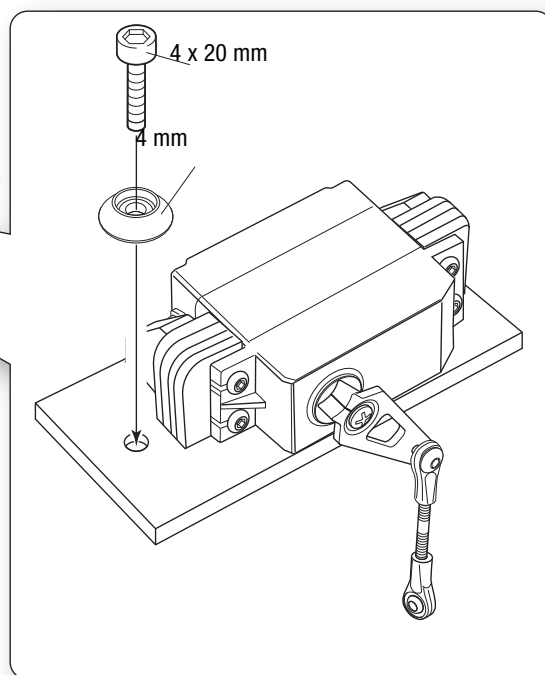


1

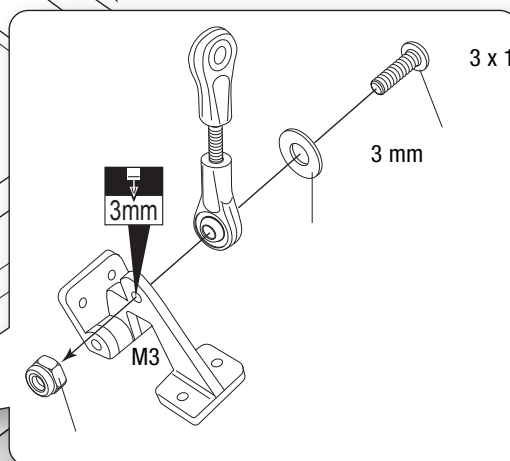
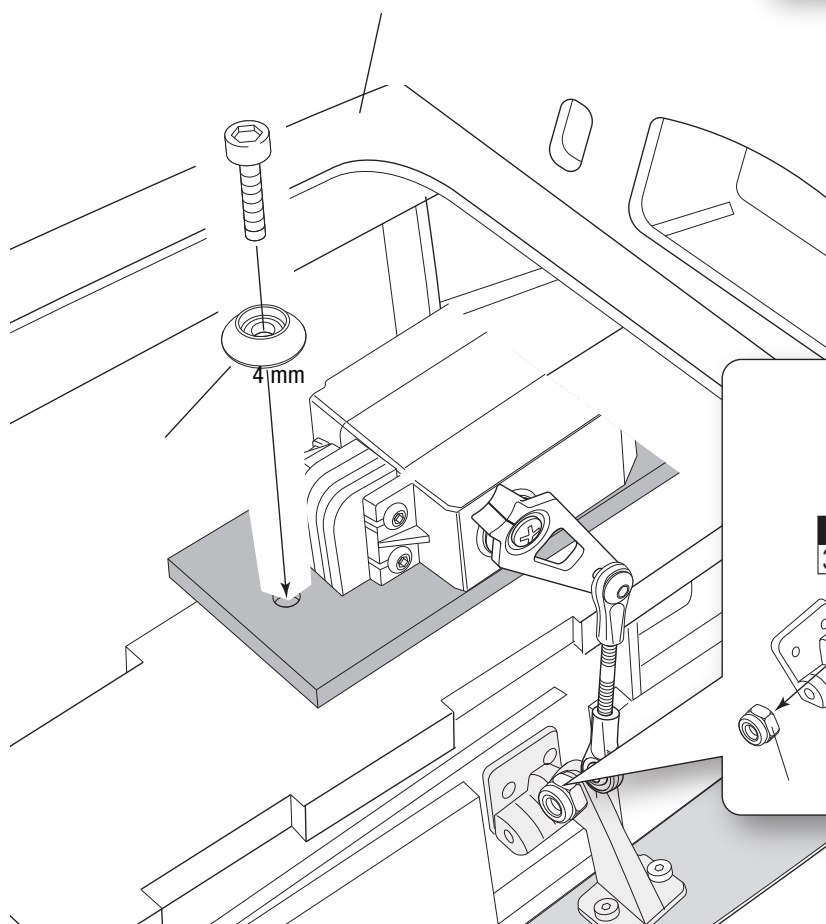
Holzplatte



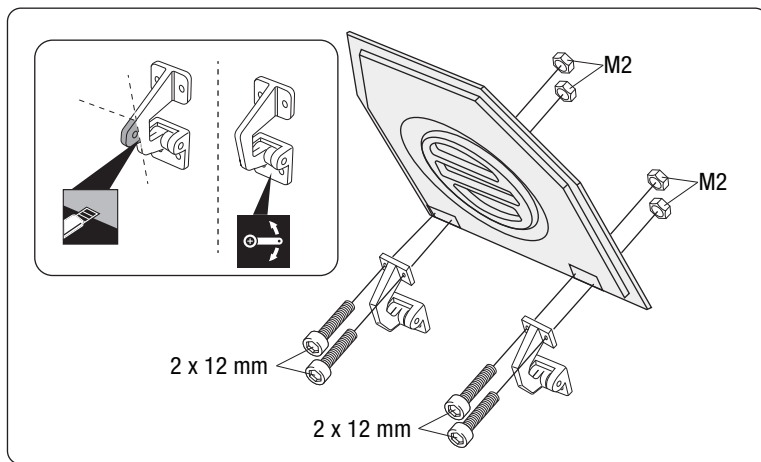
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4 x 20 mm

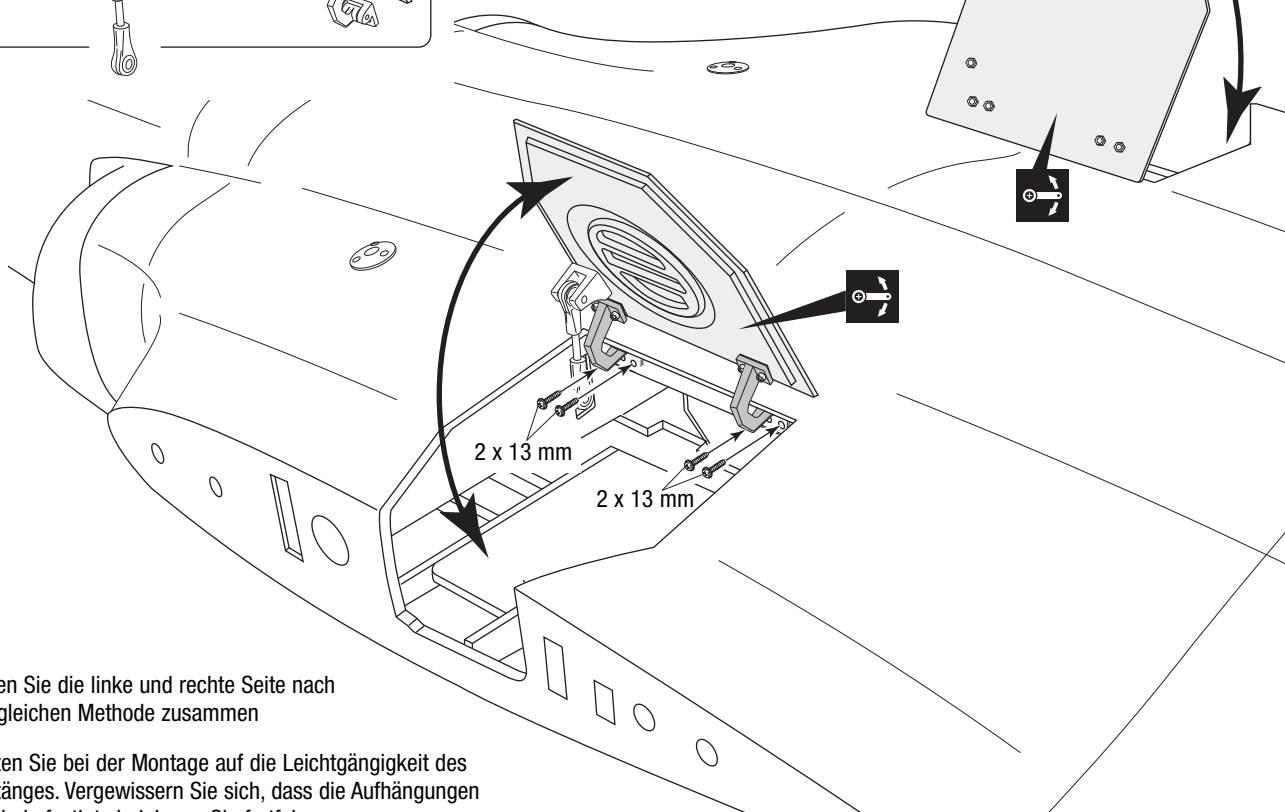
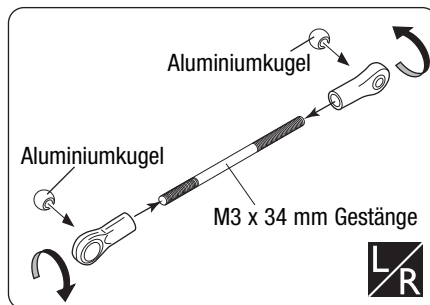
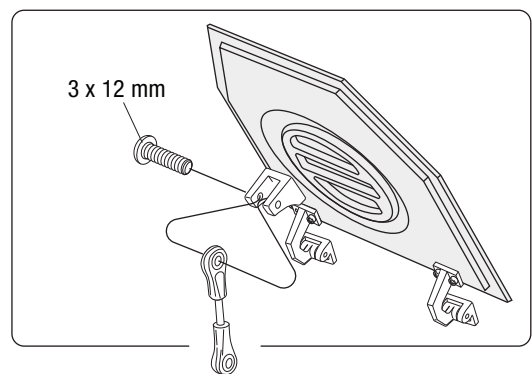
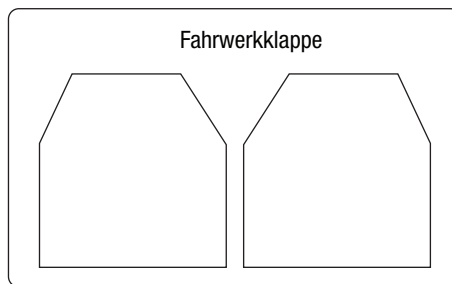
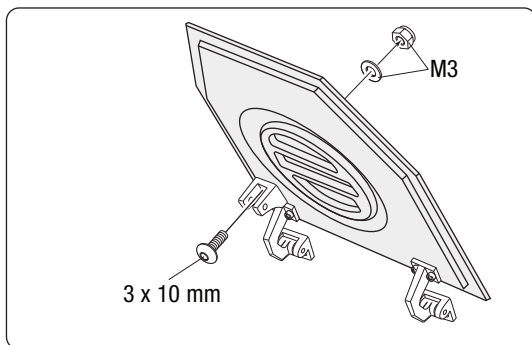


3 mm Loch bohren



3 x 12 mm Rundkopfschraube	4
3 x 10 mm Rundkopfschraube	2
3 mm Unterlegscheibe	4
M3 Nylock-Mutter	4
M3 x 30 mm Gestänge	2

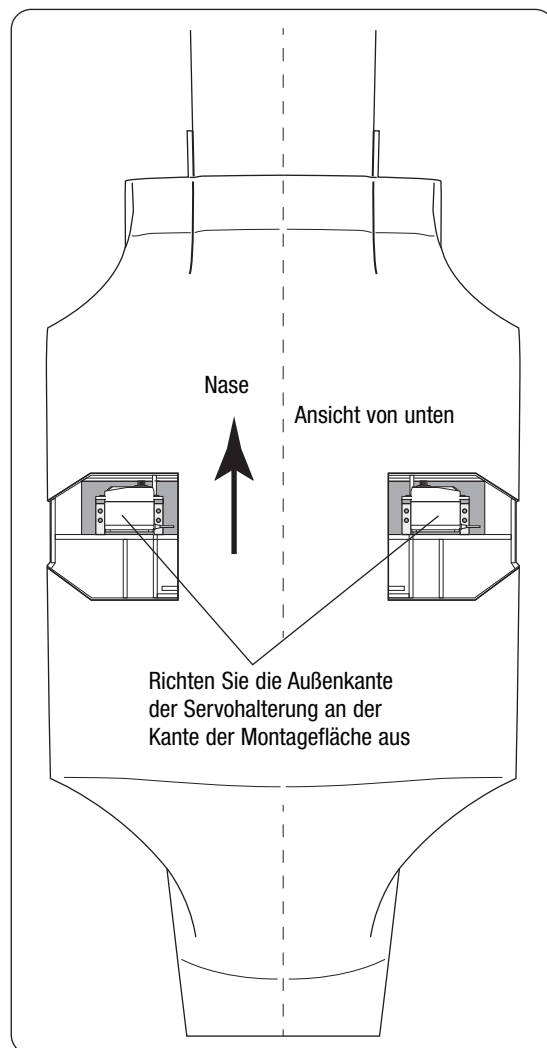
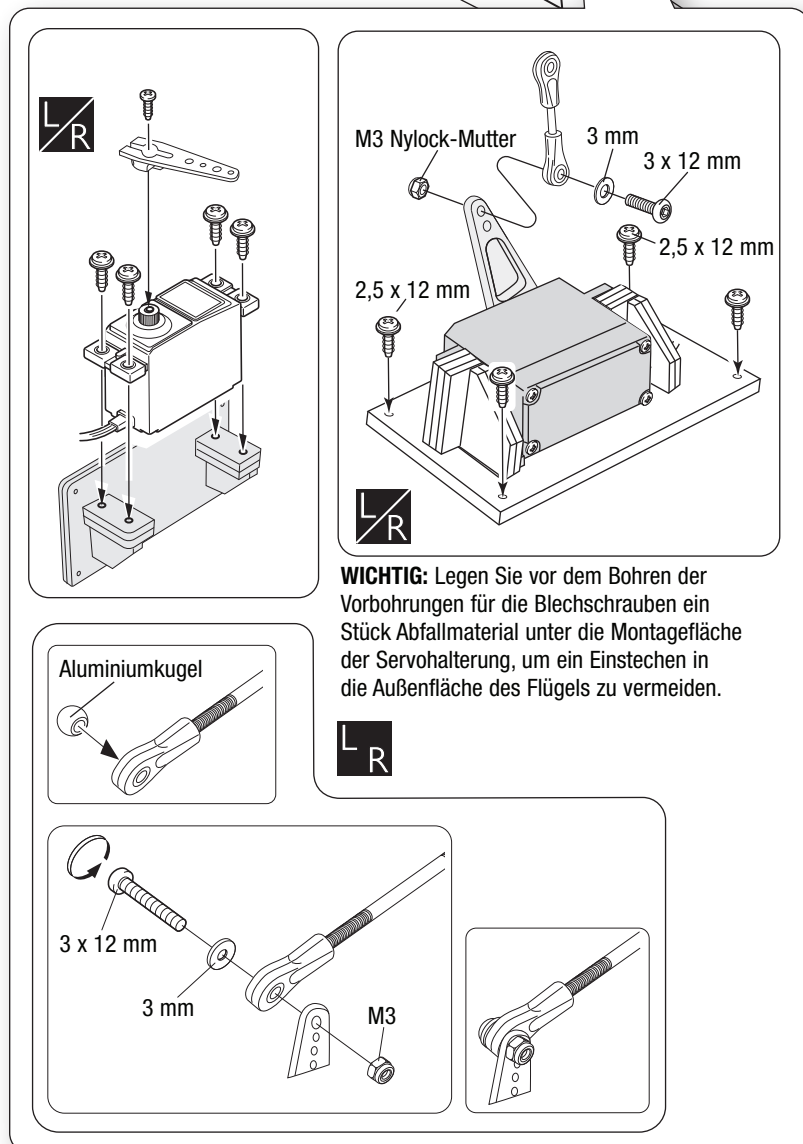
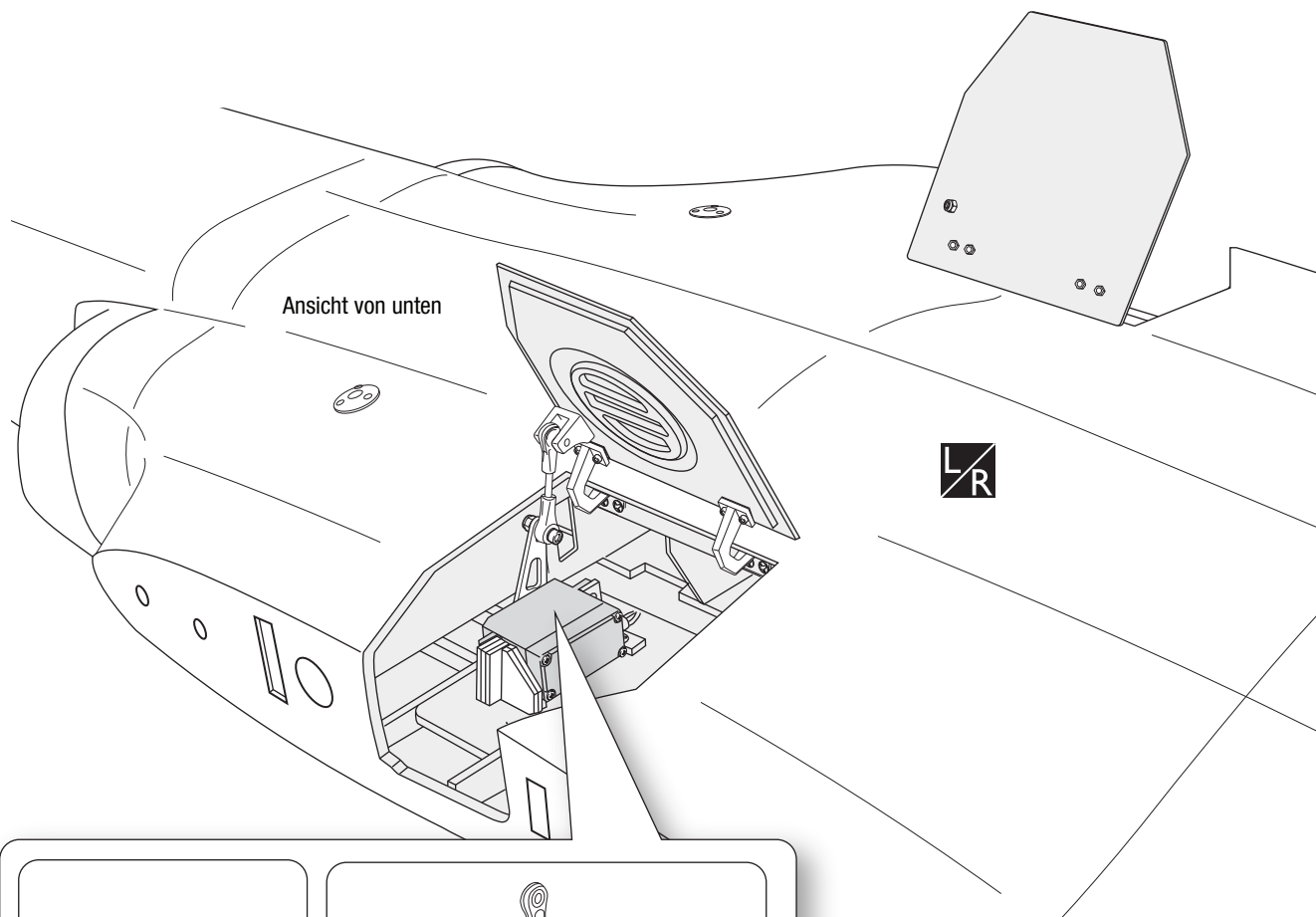
Kunststoffaufhängungen Nr. 8	2
Aluminiumkugel	4
2 x 12 mm, Inbusschraube	8
M2-Mutter	8
2 x 13 mm Blechschraube	8
2,5 x 12 mm Blechschraube	8
A5070-Servos	2
1,5"-Servoarme	2



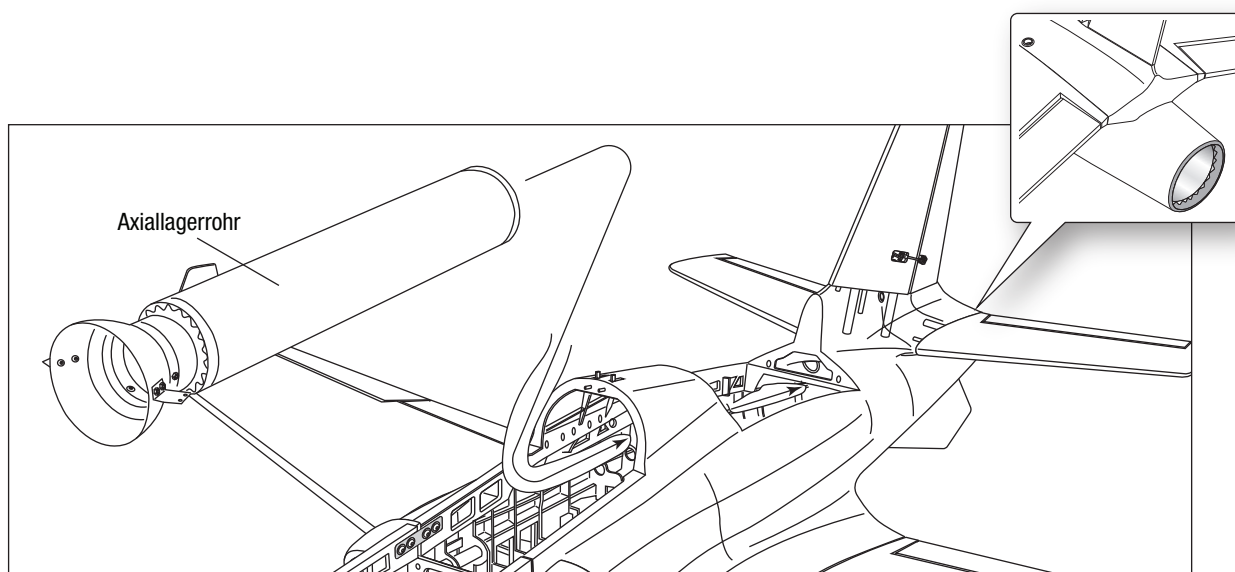
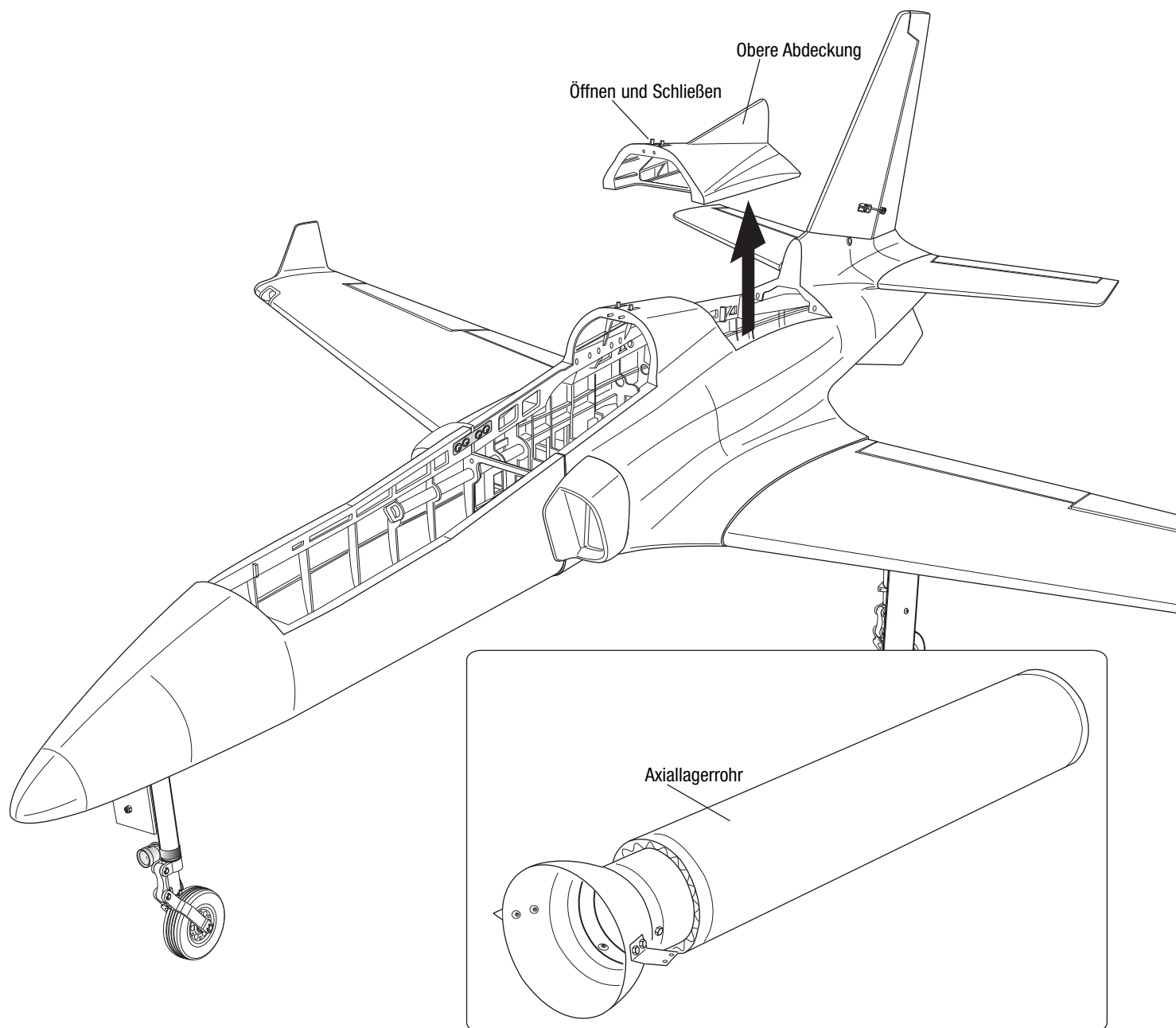
 Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen

 Achten Sie bei der Montage auf die Leichtgängigkeit des Gestänges. Vergewissern Sie sich, dass die Aufhängungen richtig befestigt sind, bevor Sie fortfahren.

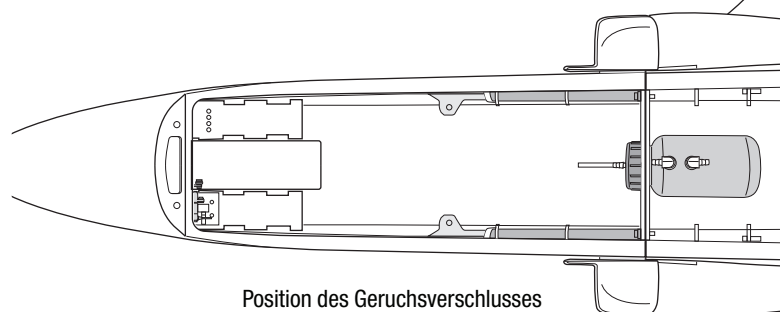
 Entfernen Sie den schraffierten Teil



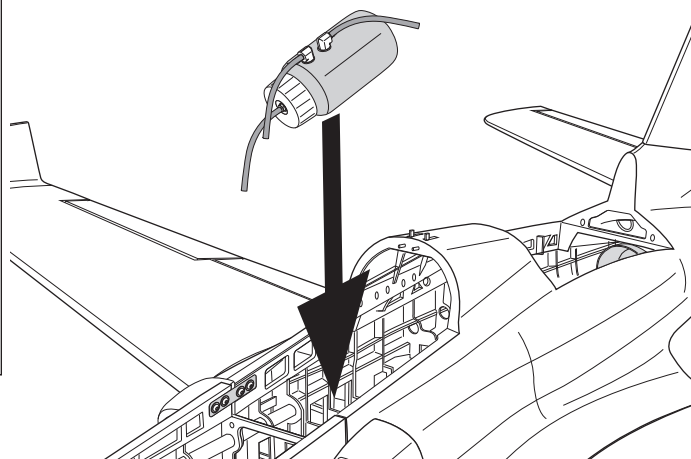
L/R Bauen Sie die linke und rechte Seite nach der gleichen Methode zusammen



Ansicht von oben



Montage des Geruchsverschlusses



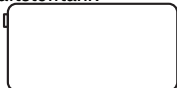
Pendel



Kraftstofftankdeckel



Kraftstofftank



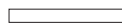
Gummianschlag



Trägerplatte



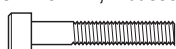
Kraftstoffleitung 4 x 60mm



Kraftstoffleitung 4 x 120mm



3 x 25 mm, Inbusschraube



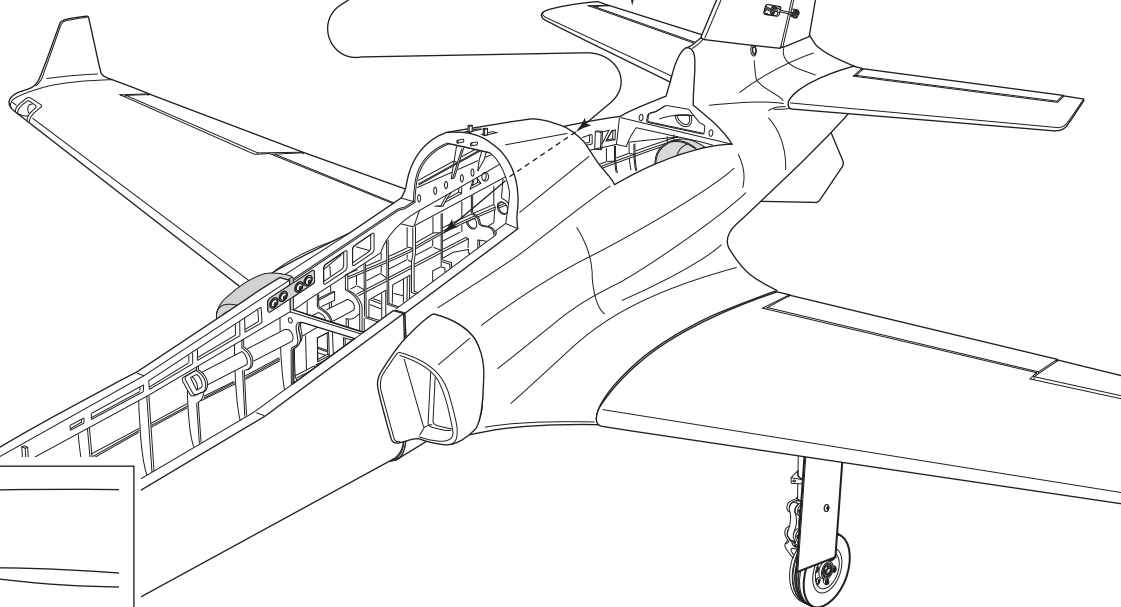
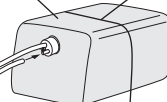
Kabelbinder



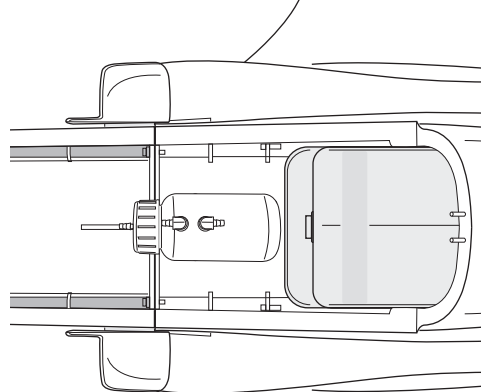
Montage des Hauptkraftstofftanks

Kraftstofftank

Klettband

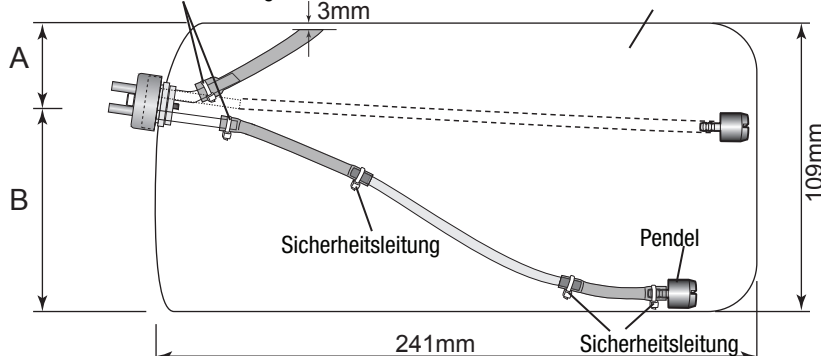


Ansicht von oben

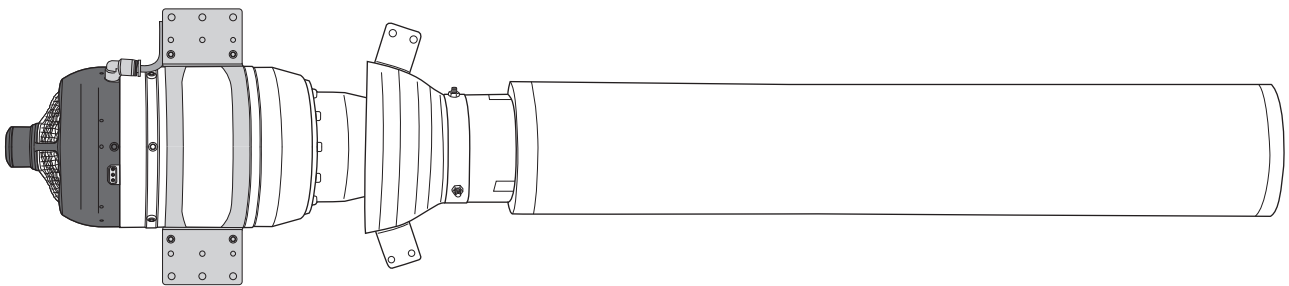
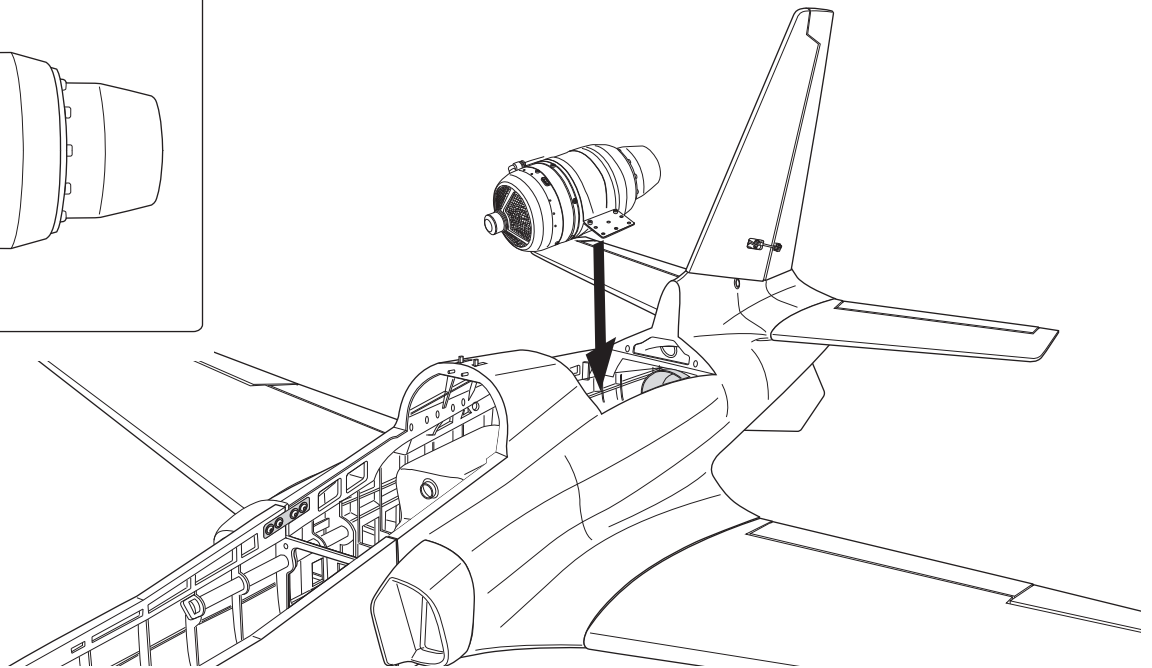
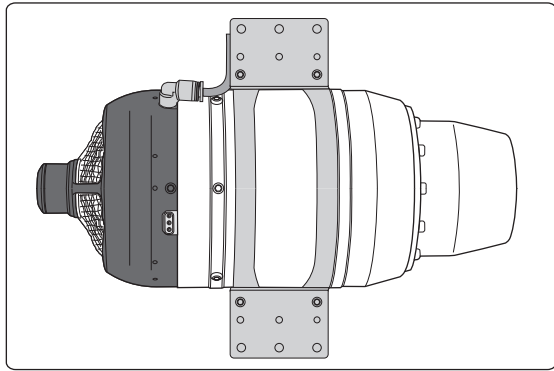


Hauptkraftstofftank

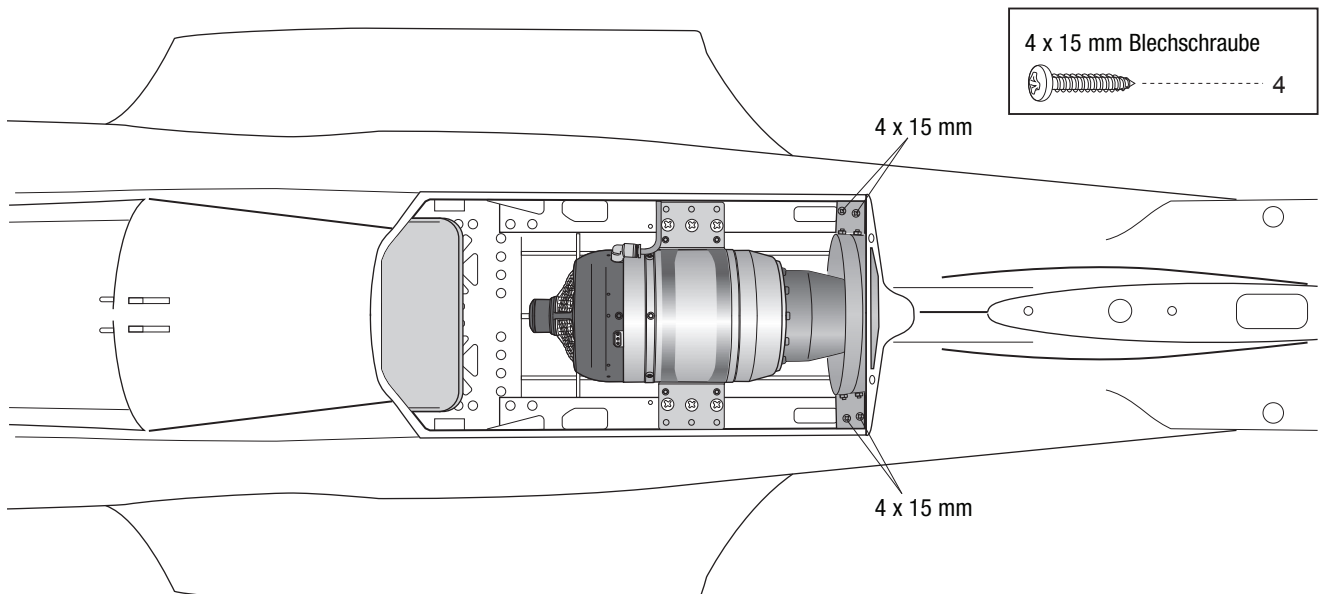
Sicherheitsleitung

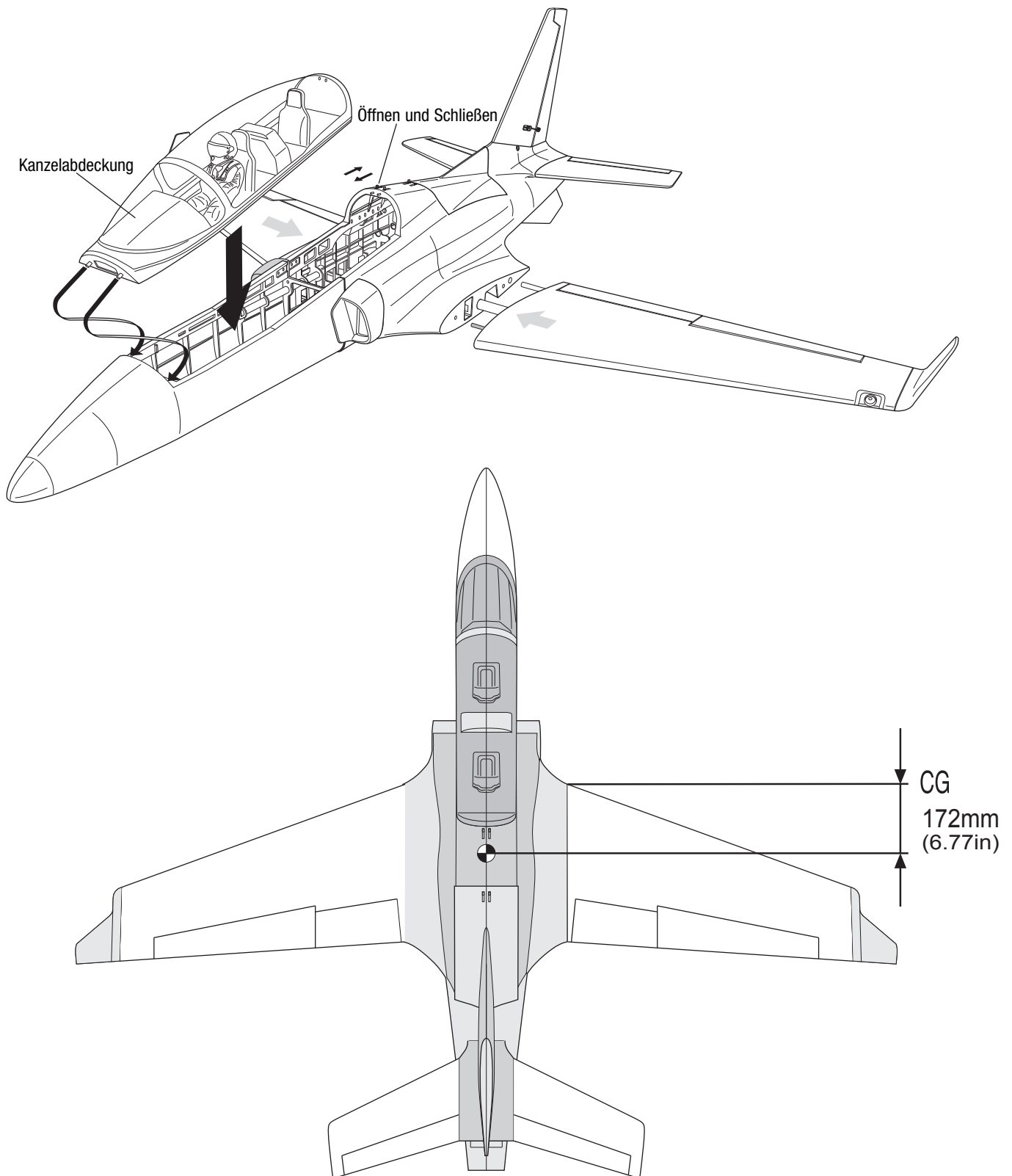


Vergewissern Sie sich, dass sich das Pendel in alle Richtungen frei bewegen kann und nicht festsetzt.



Stellen Sie den Abstand zwischen dem Ende der Turbine und der Vorderseite des Axiallagerrohrs entsprechend den Empfehlungen des Turbinenherstellers ein.





Ein wichtiger Teil bei der Vorbereitung des Flugzeugs für den Flug ist das ordnungsgemäße Ausbalancieren des Modells. Der hier aufgeführte Schwerpunktbereich dient basierend auf Tests als Richtlinie. Abweichungen von den von uns bereitgestellten Maßen sind möglich und können ein Modell ergeben, das besser zum eigenen Flugstil passt. Mit dem empfohlenen Schwerpunkt beginnen und dann mit verschiedenen Gleichgewichtspunkten experimentieren. Seien Sie vorsichtig, wenn Sie Änderung des Schwerpunkts vornehmen.

1. Bauen Sie das Modell zusammen und bereiten Sie es für den Flug vor. Stellen Sie sicher, dass die Kabel an die entsprechenden Kabel vom Empfänger angeschlossen werden. Vergewissern Sie sich, dass die Leitungen nicht eingeklemmt sind oder freiliegen, bevor Sie die Hardware anziehen. Das Modell sollte vor dem Ausbalancieren flugbereit sein.
2. Die Überprüfung des Schwerpunkts erfolgt am besten durch die Messung des Gewichts des Modells an jedem Rad. Dies kann mit einem speziellen

Gewichts- und Gleichgewichtssatz oder mit einer Waage und zwei Distanzstücken erfolgen.

3. Beim Ausbalancieren des Modells sicherstellen, dass es zusammengebaut und flugbereit ist.

RUDERAUSSCHLAG

1. Den Sender und Empfänger des Modells einschalten. Die Bewegung des Seitenruders mit dem Empfänger prüfen. Wird der Hebel nach rechts bewegt, sollte sich auch das Seitenruder nach rechts bewegen. Die Richtung auf dem Servo am Empfänger bei Bedarf umkehren.
2. Die Bewegung des Höhenruders mit dem Funksystem prüfen. Wird der Hebel des Höhenruders auf dem Sender nach unten bewegt, so bewegt sich das Höhenruder des Flugzeugs nach oben.
3. Die Bewegung des Querruders mit dem Funksystem prüfen. Wird der Hebel des Querruders nach rechts bewegt, so bewegt sich das rechte Querruder nach oben und das linke Querruder nach unten.
4. Mit einem Lineal den Ausschlag von Höhen-, Quer- und Seitenruder einstellen.

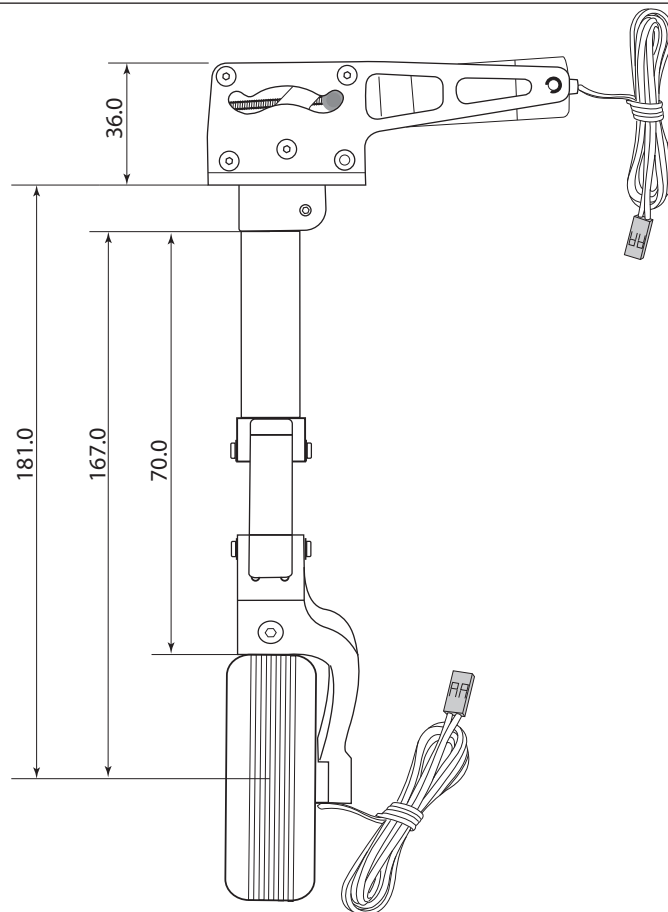
Optionaler Crow: Querruder 10 mm nach oben bei voller Klappenstellung.

Oberfläche	Rate	Exponentiell	Richtung	Ausschlag
Querruder	Hoch	24 %	Auf	25mm
			Ab	25mm
	Niedrig	6 %	Auf	18mm
			Ab	18mm
Höhenruder	Hoch	24 %	Auf	32mm
			Ab	32mm
	Niedrig	6 %	Auf	24mm
			Ab	24mm
Seitenruder	Hoch	24 %	Links	55mm
			Rechts	55mm
	Niedrig	6 %	Links	35mm
			Rechts	35mm
Klappen			Teilweise	35mm
			Vollständig	55mm

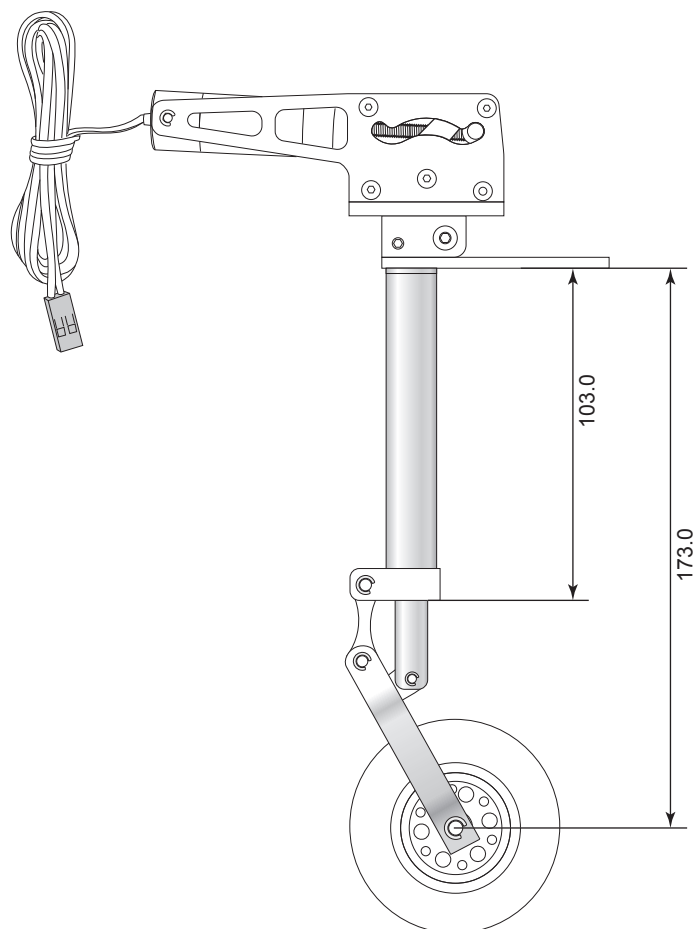
Dies sind Richtwerte aus unseren Flugtests. Sie können mit höheren oder niedrigeren Werten experimentieren, die zu Ihrem bevorzugten Flugstil passen.

Das Funksystem erneut binden, nachdem alle Ruderausschläge eingestellt wurden, um zu verhindern, dass sich die Servos zu ihren Endpunkten bewegen, ehe Sender und Empfänger angeschlossen sind.

Hauptfahrwerk



Bugfahrwerk



CHECKLISTE VOR DEM FLUG

- Akkus für Sender, Empfänger und Motor aufladen. Die dem Ladegerät beigelegten Anweisungen befolgen. Die Anweisungen des Herstellers der elektrischen Bauteile befolgen.
- Überprüfen Sie die Montage des Funkgeräts und stellen Sie sicher, dass sich alle Steuerflächen (Querruder, Höhenruder, Ruder und Klappen) korrekt bewegen (d. h. in die richtige Richtung und mit den empfohlenen Ausschlägen).
- Überprüfen Sie alle Teile (Steuerhörner, Servoarme und Gabelköpfe), um sicherzustellen, dass sie sicher und in gutem Zustand sind.
- Führen Sie vor jedem Flug (und insbesondere bei einem neuen Modell) einen Reichweitentest Ihres Funksystems durch. Die empfohlene Reichweite und die Anweisungen für Ihr spezielles Funksystem finden Sie im Handbuch Ihres Funksystems.

TÄGLICHE FLUGKONTROLLEN

- Prüfen Sie die Akkuspannung der Senderbatterie. Fliegen Sie nicht unter der vom Hersteller empfohlenen Spannung. Andernfalls kann Ihr Flugzeug abstürzen.
- Überprüfen Sie vor jedem Flugtag alle Teile (Gestänge, Schrauben, Muttern und Bolzen). Vergewissern Sie sich, dass sie nicht verklemmen und dass alle Teile ordnungsgemäß befestigt sind.
- Vergewissern Sie sich, dass sich alle Oberflächen in der richtigen Weise bewegen.
- Führen Sie vor jedem Flugtag eine Überprüfung der Reichweite des Bodenbereichs durch.
- Alle Servoleitungen und Stecker der Schalterkabel sollten im Empfänger gesichert sein.

BESCHRÄNKTE GARANTIE

Was diese Garantie abdeckt

Horizon Hobby, LLC, (Horizon) garantiert dem Erstkäufer, dass das gekaufte Produkt (das „Produkt“) zum Zeitpunkt des Kaufs frei von Material- und Verarbeitungsfehlern ist.

Was nicht abgedeckt ist

Diese Garantie ist nicht übertragbar und deckt nicht ab: (i) kosmetische Schäden, (ii) Schäden aufgrund höherer Gewalt, Unfällen, unsachgemäßer Verwendung, Missbrauch, Fahrlässigkeit, gewerblicher Nutzung oder aufgrund unsachgemäßer Verwendung, Installation, Bedienung oder Wartung, (iii) Änderungen an einem Teil des Produkts, (iv) Reparaturversuche durch andere Personen als ein von Horizon Hobby autorisiertes Servicecenter, (v) Produkte, die nicht bei einem autorisierten Horizon-Händler erworben wurden, (vi) Produkte, die nicht den geltenden technischen Vorschriften entsprechen, oder (vii) eine Nutzung, die gegen geltende Gesetze, Vorschriften oder Bestimmungen verstößt.

ABGESEHEN VON DER OBEN GENANNTEN AUSDRÜCKLICHEN GEWÄHRLEISTUNG GIBT HORIZON KEINE WEITEREN GARANTIEEN ODER ZUSICHERUNGEN UND LEHNT HIERMIT ALLE STILLSCHWEIGENDEN GARANTIEEN AB, EINSCHLIESSLICH, ABER NICHT BESCHRÄNKT AUF DIE STILLSCHWEIGENDEN GARANTIEEN DER NICHTVERLETZUNG VON RECHTEN DRITTER, DER MARKTGÄNGIGKEIT UND DER EIGNUNG FÜR EINEN BESTIMMTEN ZWECK. DER KÄUFER BESTÄTIGT, DASS ER ALLEIN FESTGESTELLT HAT, DASS DAS PRODUKT DEN ANFORDERUNGEN DES VOM KÄUFER BEABSICHTIGTEN VERWENDUNGSZWECKS IN GEEIGNETER WEISE ENTSPRICHT.

Rechtsbehelf des Käufers

Die einzige Verpflichtung von Horizon und der einzige und ausschließliche Rechtsbehelf des Käufers bestehen darin, dass Horizon nach eigenem Ermessen jedes Produkt, das Horizon als defekt einstuft, entweder (i) repariert oder (ii) ersetzt. Horizon behält sich das Recht vor, alle Produkte, die von einem Garantieanspruch betroffen sind, zu überprüfen. Die Entscheidung über Service oder Ersatz liegt im alleinigen Ermessen von Horizon. Für alle Garantieansprüche ist ein Kaufnachweis erforderlich. DAS EINZIGE UND AUSSCHLIESSLICHE RECHTSMITTEL DES KÄUFERS IST DER IM RAHMEN DIESER GARANTIE GEWÄHRTE SERVICE ODER ERSATZ.

Haftungsbeschränkung

HORIZON ÜBERNIMMT KEINE HAFTUNG FÜR BESONDERE, INDIREKTE, ZUFÄLLIGE ODER FOLGESCHÄDEN, GEWINN- ODER PRODUKTIONSAUSFÄLLE ODER GESCHÄFTLICHE VERLUSTE JEDLICHER ART, UNABHÄNGIG DAVON, OB EIN SOLCHER ANSPRUCH AUF EINEM VERTRAG, EINER GARANTIE, EINER UNERLAUBTEN HANDLUNG, FAHRLÄSSIGKEIT, VERSCHULDENSUNABHÄNGIGER HAFTUNG ODER EINER ANDEREN HAFTUNGSTHEORIE BERUHT, SELBST WENN

HORIZON AUF DIE MÖGLICHKEIT SOLCHER SCHÄDEN HINGEWIESEN WURDE.

Darüber hinaus übersteigt die Haftung von Horizon in keinem Fall den Einzelpreis des Produkts, für das die Haftung geltend gemacht wird. Da Horizon keinen Einfluss auf die Verwendung, die Einrichtung, die Endmontage, die Änderung oder den Missbrauch hat, wird keine Haftung für daraus resultierende Schäden oder Verletzungen übernommen oder anerkannt. Durch die Verwendung, Einstellung oder den Aufbau übernimmt der Nutzer die daraus entstehende Haftung. Sollten Sie als Käufer oder Nutzer nicht bereit sein, das mit der Nutzung des Produkts verbundene Risiko zu übernehmen, wird dem Käufer empfohlen, das Produkt unverzüglich in neuwertigem und unbenutztem Zustand an die Verkaufsstelle zurückzugeben.

Recht

Diese Bedingungen unterliegen dem Recht des US-Bundesstaates Illinois (unter Ausschluss der Bestimmungen des Kollisionsrechts). Diese Garantie gibt Ihnen bestimmte gesetzliche Rechte, darüber hinaus stehen Ihnen möglicherweise weitere Rechte zu, die von Bundesstaat zu Bundesstaat variieren können. Horizon behält sich das Recht vor, diese Garantie jederzeit und ohne Vorankündigung zu ändern oder zu modifizieren.

GARANTIELEISTUNGEN

Fragen, Hilfe und Dienstleistungen

Ihr örtlicher Hobbyfachhandel und/oder die Verkaufsstelle, bei der Sie das Produkt erworben haben, kann keine Garantieleistungen oder Kundendienst erbringen. Sobald mit der Montage, Einrichtung oder Verwendung des Produkts begonnen wurde, müssen Sie sich an Ihren örtlichen Händler oder direkt an Horizon wenden. Auf diese Weise kann Horizon Ihre Fragen besser beantworten und Ihnen helfen, falls Sie Unterstützung benötigen sollten. Wenn Sie Fragen haben oder Hilfe benötigen, besuchen Sie bitte unsere Website www.horizonhobby.com, senden Sie eine Anfrage an den Produktsupport oder rufen Sie die im Abschnitt Kontaktinformationen zu Garantie und Service angegebene gebührenfreie Telefonnummer an, um mit einem Mitarbeiter des Produktsupports zu sprechen.

Inspektion oder Dienstleistungen

Falls dieses Produkt überprüft oder gewartet werden muss und in dem Land, in dem Sie leben und das Produkt nutzen, den geltenden Vorschriften entspricht, nutzen Sie bitte das auf unserer Website verfügbare Verfahren zur Einreichung einer Online-Serviceanfrage bei Horizon oder rufen Sie Horizon an, um eine Rücksendegenehmigungsnummer (RMA-Nummer) zu erhalten. Verpacken Sie das Produkt sicher in einem Versandkarton. Bitte beachten Sie, dass Originalverpackungen zwar beiliegen können, diese jedoch ohne zusätzlichen Schutz den Strapazen des Versands nicht standhalten. Versenden Sie die Ware über einen Versanddienstleister, der eine Sendungsverfolgung sowie eine Versicherung für verlorene oder beschädigte Pakete anbietet, da Horizon erst dann für die Ware haftet, wenn diese bei uns eingetroffen ist und angenommen wurde. Eine Online-Serviceanfrage steht unter http://www.horizonhobby.com/content/service-center_render-service-center zur Verfügung. Falls Sie keinen Internetzugang haben, wenden Sie sich bitte an den Horizon-Kundendienst, um eine RMA-Nummer sowie Anweisungen zur Einsendung Ihres Produkts zur Reparatur zu erhalten. Wenn Sie Horizon anrufen, werden Sie gebeten, Ihren vollständigen Namen, Ihre Anschrift, Ihre E-Mail-Adresse und eine Telefonnummer anzugeben, unter der Sie während der Geschäftszeiten erreichbar sind. Wenn Sie ein Produkt an Horizon schicken, geben Sie bitte Ihre RMA-Nummer, eine Liste der enthaltenen Artikel und eine kurze Beschreibung des Problems an. Für die Inanspruchnahme der Garantie muss eine Kopie des Original-Kaufbelegs beigelegt werden. Ihr Name, Ihre Adresse und die RMA-Nummer müssen deutlich auf der Außenseite des Versandkartons vermerkt sein.

HINWEIS: Versenden Sie keine LiPo-Akkus an Horizon. Wenn Sie ein Problem mit einem LiPo-Akku haben, wenden Sie sich bitte an den zuständigen Horizon-Produktsupport.

Garantiebedingungen

Um die Garantie in Anspruch nehmen zu können, müssen Sie den Original-Kaufbeleg beilegen, aus dem das Kaufdatum hervorgeht. Sofern die Garantiebedingungen erfüllt sind, wird Ihr Produkt kostenlos repariert oder ersetzt. Die Entscheidung über Service oder Ersatz liegt im alleinigen Ermessen von Horizon.

KONTAKTINFORMATIONEN ZU GARANTIE UND SERVICE

Land des Kaufs	Horizon Hobby	Kontakt	Adresse
Europäische Union	Horizon Technischer Service	service@horizonhobby.eu	Hanskampring 9
	Vertrieb: Horizon Hobby GmbH	04121 2655 100	D 22885 Barsbüttel, Deutschland

WEEE-HINWEIS



Dieses Gerät ist gemäß der Europäischen Richtlinie 2012/19/EU über Elektro- und Elektronik-Altgeräte (WEEE) gekennzeichnet. Dieses Symbol weist darauf hin, dass dieses Produkt kein normaler Haushaltsabfall ist, sondern in einer entsprechenden Sammelstelle für Elektro- und Elektronik-Altgeräte entsorgt werden muss.

REMARQUE

Les instructions, garanties et autres documents associés sont soumis à des modifications à la seule discrétion d'Horizon Hobby, LLC. Pour obtenir les documents à jour du produit, consultez le site horizonhobby.com ou towerhobbies.com et cliquez sur l'onglet d'aide ou de ressources pour ce produit.

SIGNIFICATION DE CERTAINS TERMES SPÉCIFIQUES

Les termes suivants sont utilisés dans l'ensemble du manuel pour indiquer différents niveaux de danger lors de l'utilisation de ce produit:

AVERTISSEMENT: Procédures qui, si elles ne sont pas suivies correctement, peuvent entraîner des dégâts matériels et des blessures graves OU engendrer une probabilité élevée de blessure superficielle.

ATTENTION: Procédures qui, si elles ne sont pas suivies correctement, peuvent entraîner des dégâts matériels ET des blessures graves.

REMARQUE: Procédures qui, si elles ne sont pas suivies correctement, peuvent entraîner des dégâts matériels ET éventuellement un faible risque de blessures.

AVERTISSEMENT: Lisez la TOTALITÉ du manuel d'utilisation afin de vous familiariser avec les caractéristiques du produit avant de le faire fonctionner. Une utilisation incorrecte du produit peut entraîner sa détérioration, ainsi que des risques de dégâts matériels, voire de blessures graves.

Ceci est un produit de loisirs sophistiqué. Il doit être manipulé avec prudence et bon sens et requiert des aptitudes de base en mécanique. Toute utilisation irresponsable de ce produit ne respectant pas les principes de sécurité peut provoquer des blessures, entraîner des dégâts matériels et endommager le produit. Ce produit n'est pas destiné à être utilisé par des enfants sans la surveillance directe d'un adulte. N'essayez pas de modifier ou d'utiliser ce produit avec des composants incompatibles hors des instructions fournies par Horizon Hobby, LLC. Ce manuel comporte des instructions relatives à la sécurité, au fonctionnement et à l'entretien. Il est capital de lire et de respecter la totalité des instructions et avertissements du manuel avant l'assemblage, le réglage et l'utilisation, ceci afin de manipuler correctement l'appareil et d'éviter tout dégât matériel ou toute blessure grave.

14 ans et plus. Ceci n'est pas un jouet.

AVERTISSEMENTS ET PRÉCAUTIONS DE SÉCURITÉ

Lisez et suivez toutes les instructions et précautions avant utilisation. Une mauvaise utilisation peut entraîner un incendie, des blessures graves et des dommages matériels.

Composants

Utilisez uniquement avec des composants compatibles. En cas de doute sur la compatibilité, veuillez consulter les instructions du produit, les instructions des composants ou contacter le bureau Horizon Hobby approprié.

Vol

Volez uniquement dans des zones dégagées pour garantir la sécurité. Il est recommandé de voler dans des terrains de vol pour modèles radiocommandés. Consultez les ordonnances locales avant de choisir un espace de vol.

Turbine

Gardez toujours les éléments non fixés qui pourraient être aspirés par la turbine à l'écart des entrées. Il s'agit notamment des vêtements amples ou d'autres petits objets.

Batteries

Suivez toujours les instructions du fabricant lors de l'utilisation et de la mise au rebut des batteries. Une mauvaise manipulation des batteries Li-Po peut entraîner un incendie causant des blessures graves et des dommages importants.

Petites pièces

Ce ensemble contient des petites pièces et ne doit pas être laissé sans surveillance à proximité d'enfants, car ils pourraient s'étouffer en les avalant et se blesser gravement.

RECOMMANDATIONS POUR UNE UTILISATION EN TOUTE SÉCURITÉ

- Inspectez votre appareil avant chaque vol afin de vous assurer qu'il est en état de voler.
- Faites attention à tout autre utilisateur de fréquences radio susceptible de causer des interférences.
- Soyez toujours courtois et respectueux envers les autres utilisateurs dans la zone de vol choisie.
- Choisissez une zone dégagée et suffisamment grande pour pratiquer votre activité de vol en toute sécurité.
- Assurez-vous de l'absence d'amis et de spectateurs dans cette zone avant de faire décoller votre appareil.
- Soyez attentif aux autres activités susceptibles de perturber votre trajectoire de vol.
- Planifiez soigneusement votre trajectoire de vol avant le décollage.

AVANT DE COMMENCER L'ASSEMBLAGE

- Retirez les pièces du sac.
- Inspectez le fuselage, les panneaux d'ailes, la gouverne de direction et le stabilisateur pour détecter tout dommage.
- Si vous constatez des pièces endommagées ou manquantes, contactez votre revendeur.
- Chargez les batteries de l'émetteur et du récepteur.
- Centrez les trims et les manettes de l'émetteur.
- Si vous utilisez une radio ordinateur, créez une mémoire de modèle pour ce modèle particulier.
- Affectez l'émetteur et le récepteur en suivant les instructions de votre système radio.

REMARQUE : reconnectez le système radio une fois que tous les coudes de contrôle sont configurés. Cette action empêche les servos de se déplacer vers leurs extrémités jusqu'à la connexion de l'émetteur et du récepteur. Cela garantit aussi que les paramètres d'inversion du servo sont enregistrés dans le système radio.

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PIÈCES DE RECHANGE

Pièce	Description
HAN-362501	Partie avant du fuselage : Jet à turbines Viper 100N
HAN-362502	Partie arrière du fuselage : Jet à turbines Viper 100N
HAN-362503	Aile gauche : Jet à turbines Viper 100N
HAN-362504	Aile droite : Jet à turbines Viper 100N
HAN-362505	Ensemble stabilisateur horizontal avec gouvernes de profondeur : Jet à turbines Viper 100N
HAN-362506	Stabilisateur vertical et gouverne de direction : Jet à turbines Viper 100N
HAN-362507	Trappe de verrière avec verrière : Jet à turbines Viper 100N
HAN-362508	Verrière transparente : Jet à turbines Viper 100N
HAN-362509	Trappe turbine du fuselage : Jet à turbines Viper 100N
HAN-362510	Ensemble des éléments de fixation de gouverne de direction et de gouvernes de profondeur : Jet à turbines Viper 100N
HAN-362511	Ensemble d'éléments de fixation : Jet à turbines Viper 100N
HAN-362512	Ensemble de trappes de train d'atterrissage : Jet à turbines Viper 100N
HAN-362513	Tubes de jonction du fuselage avec éléments de fixation : Jet à turbines Viper 100N
HAN-362514	Tubes d'ailes : Jet à turbines Viper 100N
HAN-362515	Tubes de stabilisateurs verticaux et horizontaux : Jet à turbines Viper 100N
HAN-362516	Réservoir de carburant avec éléments de fixation : Jet à turbines Viper 100N
HAN-362517	Sac de transport du fuselage : Jet à turbines Viper 100N
HAN-362518	Sac de transport de l'aile : Jet à turbines Viper 100N
HAN-362519	Ensemble de charnières : Jet à turbines Viper 100N
HAN-362520	Ensemble d'éléments de fixation pour trappes de train d'atterrissage : Jet à turbines Viper 100N
HAN-362521	Ensemble guignol de commande : Jet à turbines Viper 100N
HAN-362522	Ensemble d'éléments de fixation d'aile : Jet à turbines Viper 100N
HAN-362523	Tube de poussée avec vis : Jet à turbines Viper 100N
HAN-362524	Contrôleur de système de rentrée numérique avec accessoires : Jet à turbines Viper 100N
HAN-362525	Roue principale avec frein (1) : Jet à turbines Viper 100N
HAN-362526	Ensemble de pneus (3) : Jet à turbines Viper 100N
HAN-362527	Jambe de train d'atterrissage avant : Jet à turbines Viper 100N
HAN-362528	Jambe de train d'atterrissage principal gauche : Jet à turbines Viper 100N
HAN-362529	Jambe de train d'atterrissage principal droite : Jet à turbines Viper 100N
HAN-362530	Système de rentrée du train d'atterrissage avant : Jet à turbines Viper 100N
HAN-362531	Système de rentrée du train d'atterrissage principal (1) : Jet à turbines Viper 100N
HAN-362532	Caches de lentilles pour feux de navigation : Jet à turbines Viper 100N
HAN-362533	Pare-soleil réfléchissant : Jet à turbines Viper 100N
HAN-362534	Ensemble d'éclairage DEL : Jet à turbines Viper 100N
HAN-362535	Ensemble dérive ventrale : Jet à turbines Viper 100N
HAN-362536	Ensemble ailette : Jet à turbines Viper 100N

NÉCESSAIRE POUR TERMINER L'APPAREIL

Nombre requis	Pièce	Description
1	KG TU150	Trappe d'air KingTech 150 cc
2	SPM-1057	Batteries pour récepteur Li-Po G2 4000 mAh 2S Spektrum
1	SPM-1060	Batterie LiFe ECU 3S 3200 mAh Spektrum
1	SPMAR20410T	Récepteur Spektrum AR20410T
1	SPMAS6000	Module Synapse AS3X+
2	SPMA3003	Rallonge de servo : robuste 30,5 cm (12 po)
3	SPMA3007	Rallonge de servo : robuste 122 cm (48 po)
1	SPMA3005	Rallonge de servo : robuste 61 cm (24 po)
2	SPMA3004	Rallonge de servo : robuste 46 cm (18 po)
1	HAN-3625ER	Jeu de systèmes de rentrée pour tricycle électrique avec freins et contrôleur
1	KGT-3976	Turbine KingTech K-102G4+
4	SPMSA6320	Servo Spektrum A6320
4	SPMSA5070	Servo Spektrum A5070
1	SPMSP3021	Bras de servo robustes (4)
2	SPMSP3101	Bras de servo simple face en aluminium, longueur 3,8 cm (1,5 po), 23T
2	SPMSP3100	Bras de servo simple face en aluminium, longueur 2 cm (0,8 po), 23T

GUIDE D'EXÉCUTION DES TRAPPES DU TRAIN D'ATTERRISSAGE

Nombre requis	Pièce	Description
3	SPMSA5070	Servos Spektrum A5070
2	SPMSP3101	Bras de servo Spektrum en aluminium simple face 3,8 cm (1,5 po)
2	SPMA3002	Rallonges robustes Spektrum 23 cm (9 po)
1	SPMA3003	Rallonges robustes Spektrum 30,5 cm (12 po)

COLLES REQUISES

Description
Adhésif structurel
Colle CA fine
Medium CA (DSC moyen)
Frein-filet, force moyenne
Colle silicone

GUIDE DE CONFIGURATION DES SERVOS

Surface	Servo	Bras de servo	Dimensions du bras de servo	Connecteur de bras de servo	Longueur de la barre de liaison	Longueur de la barre de liaison assemblée	Connecteur de guignol de commande
Gouverne de direction	A5070	SPMSP3021	20 mm	Manille en acier M3	50 mm	76 mm	Articulation à bille M3
Gouvernes de profondeur	A5070	SPMSP3021	20 mm	Manille en acier M3	50 mm	75 mm	Articulation à bille M3
Ailerons	A6320	SPMSP3101	32 mm	Articulation à bille M3	40 mm	60 mm	Articulation à bille M3
Volets	A6320	SPMSP3100	20,5 mm	Articulation à bille M3	45 mm		Articulation à bille M3
Direction	A5070	inc. avec servo	13,5 mm	Articulation à bille M3	34 mm	49 mm	Articulation à bille M3
Trappes intérieures principales	A5070	SPMSP3101	38 mm	Articulation à bille M3			Articulation à bille M3
Trappes extérieures principales	S.O.	S.O.	S.O.	S.O.	20 mm	38 mm	Articulation à bille M3
Trappe avant	A5070	SPMSP3021	20 mm	Articulation à bille M3	34 mm	52 mm	Articulation à bille M3

AUCUN OUTIL N'EST NÉCESSAIRE

Description	
Boîtier ou clé plate : 10 mm, 7/16 po, 1/2 po	Ruban à faible adhérence
Pinc	Papier abrasif à grain moyen
Fer à entoil	Microballons
Perceuse	Récipients de mélange
Ensemble de mèches, métriques et impériales	Manches de mélange
Brosse pour colle époxy	Crayon
Stylo-feutre	Gelée de pétrole
Tournevis plat	Tournevis cruciformes n° 0, 1 et 2
Lime plate	Porte-foret
Pâte à souder	Pince
Pistolet thermique	Scie raso
Pinc	Règle
Ensemble de clés à six pans, métriques et impériales	Rouleau à poncer pour l'outil rotatif
Couteau avec lame n° 11	Ciseaux
Ciseaux de bricolage	Pince coupante
Équerre	Soudure à l'argent
Bande auto-agrippante	Cure-dents
Alcool isopropylique	Colliers de serrage
Huile de machine	

PRÉCAUTIONS DE MONTAGE

Préparez la surface de travail avant le début du montage. La surface doit être lisse et sans aucun objet pointu. Nous recommandons de poser les pièces du fuselage sur une serviette douce ou du pit mat pour empêcher les éraflures ou les bosses sur la surface de l'appareil.

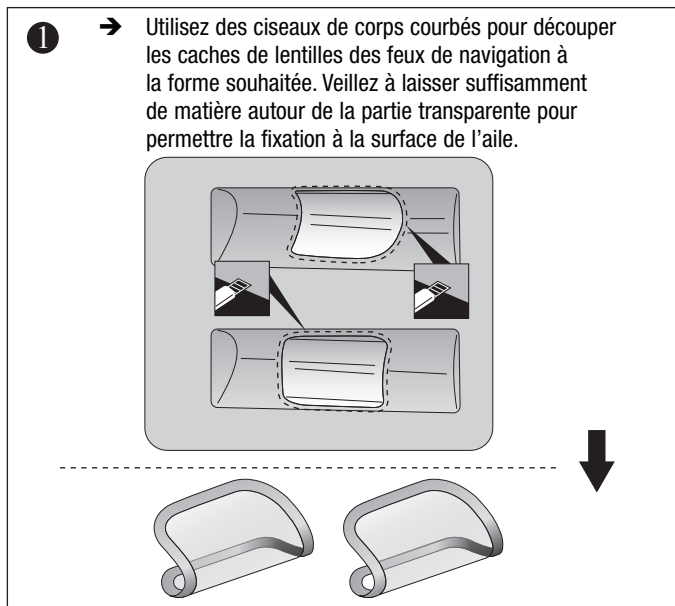
NOTES D'ENTOILAGE IMPRIMÉES

- L'entoilage utilisé sur votre maquette a les couleurs et les marquages imprimés directement sur le film.
- L'entoilage a un endos autocollant. Une source de chaleur indirecte peut être appliquée pour aider à refixer ou rétracter légèrement le film. Utilisez un fer à entoil à basse température et placez un morceau de papier sulfurisé ou d'entoilage entre le modèle et le fer pour disperser la chaleur. Appliquez la chaleur avec modération (2-3 secondes) et utilisez un gant pour appuyer sur l'entoilage dans les zones concaves.
- Utilisez uniquement des agents nettoyants doux sur la finition imprimée.
- Utilisez le ruban adhésif avec précaution. Tout élément autre que du ruban adhésif à faible adhérence peut avoir pour effet de retirer la finition, notamment sur les bords.
- Évitez tout contact avec du combustible brut. Toute exposition au combustible ou à des produits chimiques endommagera l'entoilage imprimé.
- Éliminez dès que possible les résidus de combustible, d'huile et d'adhésifs afin d'éviter de tacher ou d'endommager la finition.

INSTALLATION DES FEUX DE NAVIGATION

Les instructions suivantes décrivent la procédure d'installation de l'éclairage des ailes.

Si vous ne souhaitez pas utiliser d'éclairage dans les ailes, installez les caches de lentilles sans l'éclairage.



Vis autotaraudeuse 2 x 5 mm

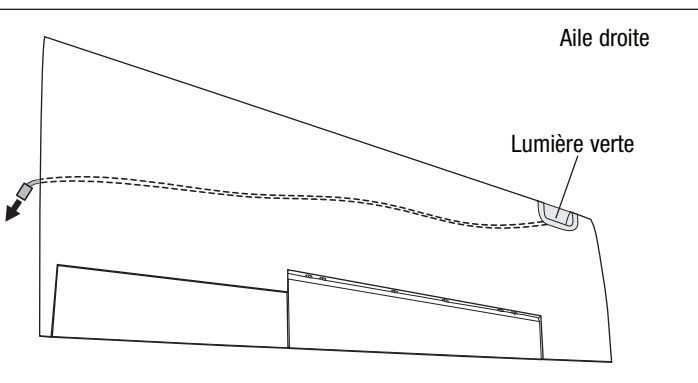
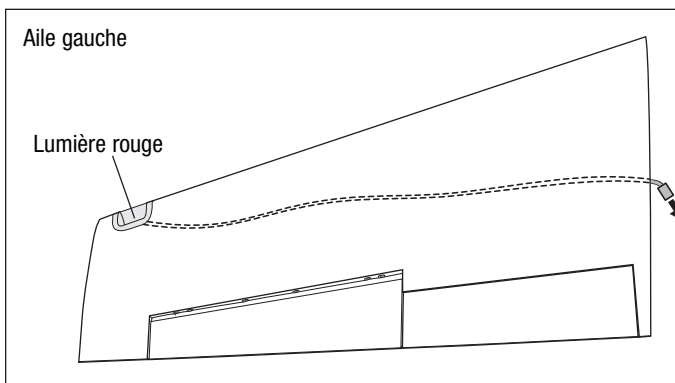
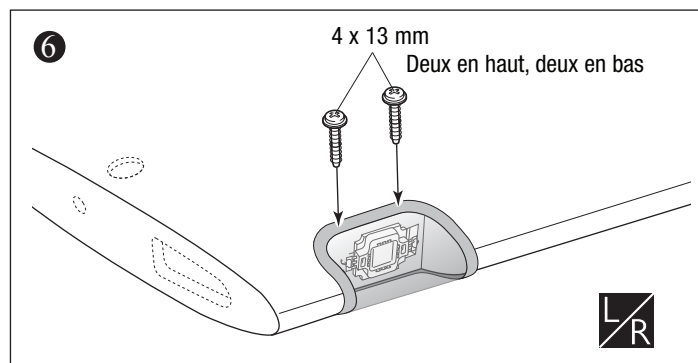
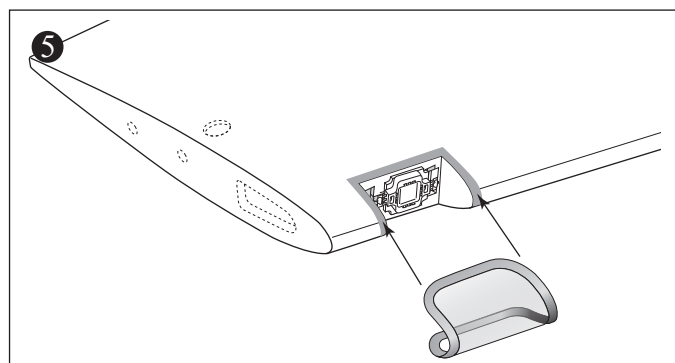
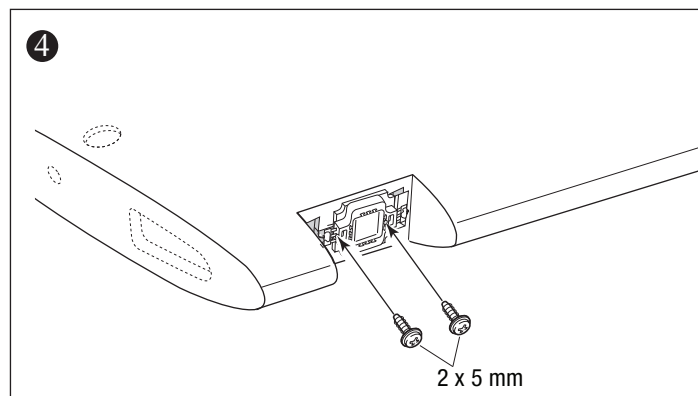
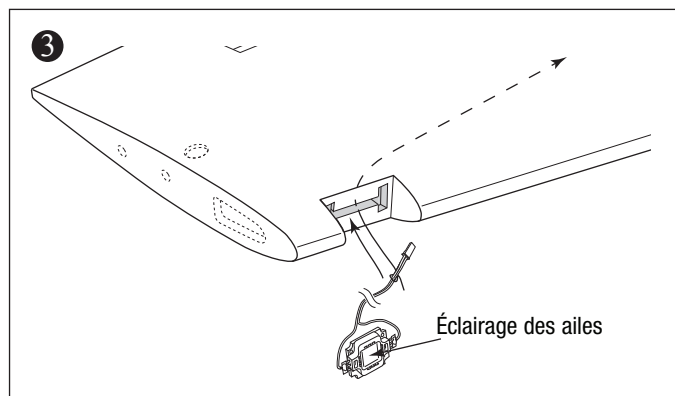
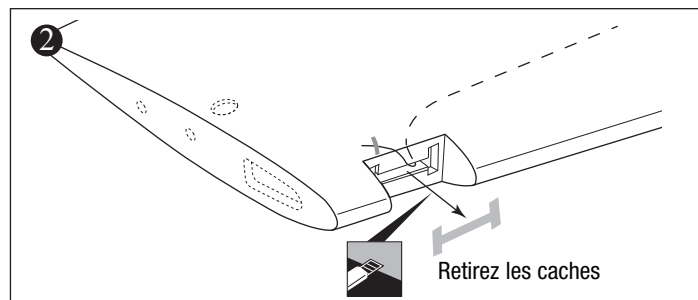
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Vis autotaraudeuse 2 x 13 mm

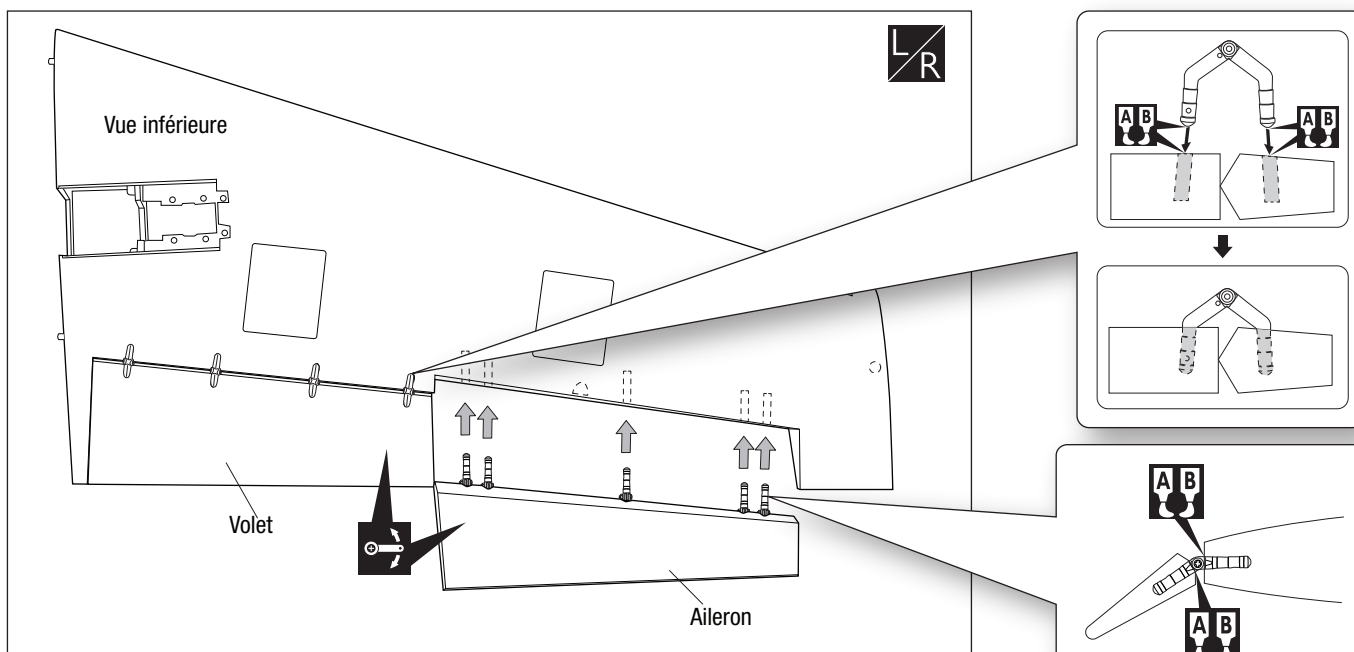
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Éclairage des ailes (non inclus)

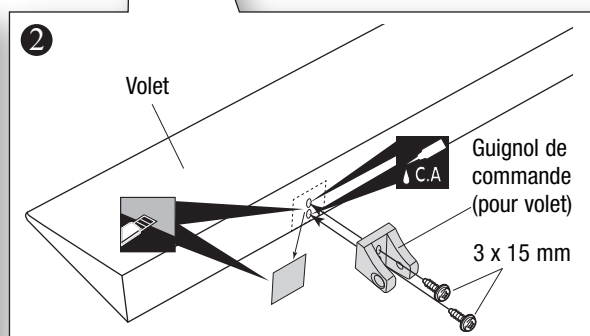
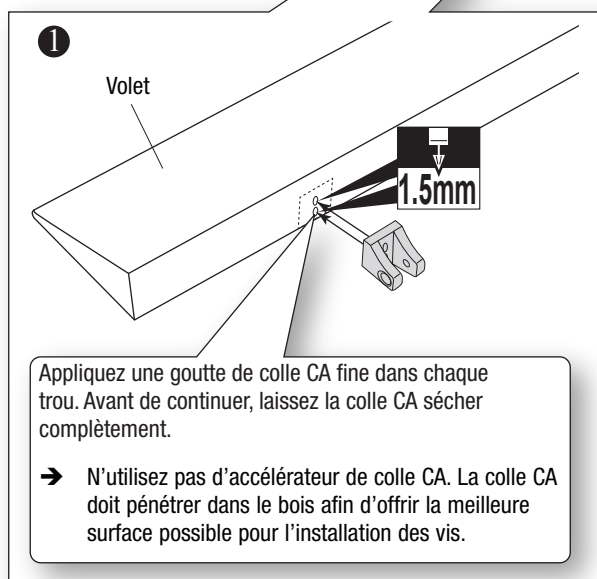
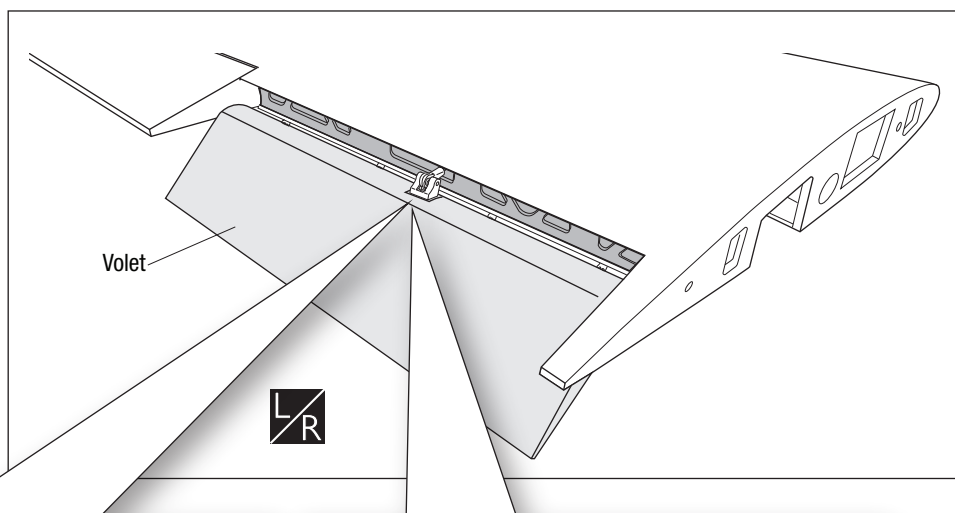
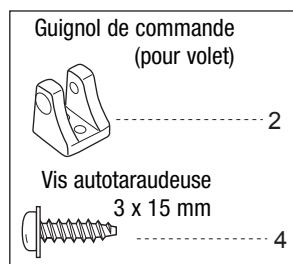
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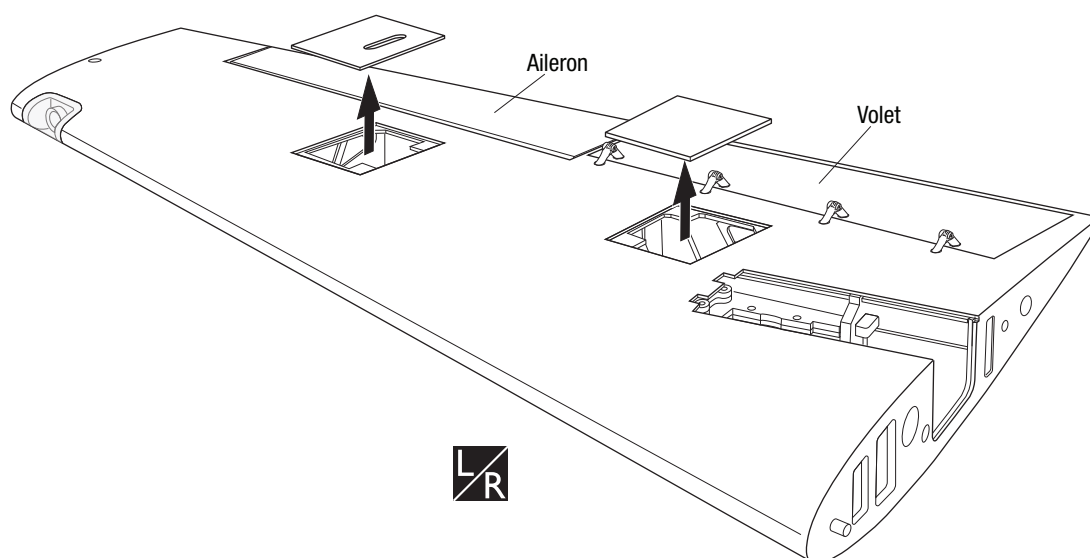
Supprimez la partie ombrée



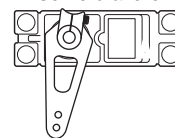
- Assemblez les côtés gauche et droit en utilisant la même méthode
- Utilisez un adhésif structural tel que la colle époxy DLM Aero Tech.
- Assurez-vous que les tringleries se déplacent facilement pendant l'assemblage.
- Assurez-vous que les charnières sont correctement fixées avant de continuer.



- Appliquez la colle cyanoacrylate (CA)
- Supprimez la partie ombrée
- Percez un trou de 1,5 mm
- Assemblez les côtés gauche et droit en utilisant la même méthode

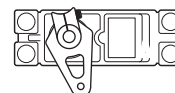


Servo d'aileron



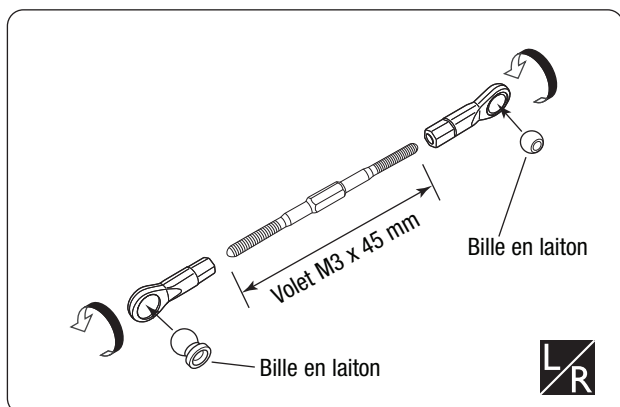
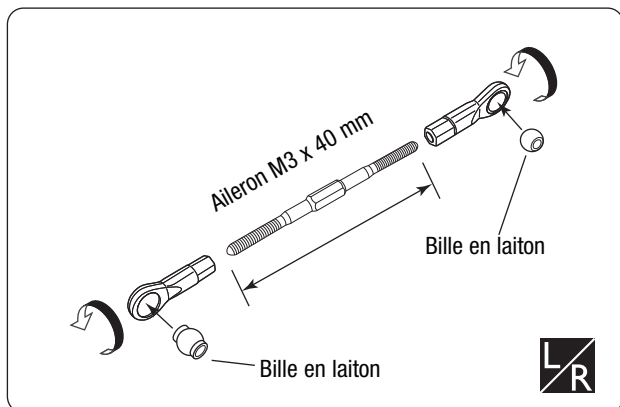
Il s'agit du bras de servo d'aileron SP3101 ; utilisez la partie intérieure des deux trous. Ils doivent être installés avec le bras de servo tourné d'une cannelure vers l'avant lorsque le servo est centré.

Servo de volet



Il s'agit d'un bras de servo SP3100. Ils doivent être installés avec le bras de servo tourné d'une cannelure vers l'arrière lorsque le servo est centré.

 Assemblez les côtés gauche et droit en utilisant la même méthode



Guignol de commande (voilet)	
Vis à tête bombée 3 x 12 mm	2
Vis à tête bombée 3 x 16 mm	2
Bille en laiton	2
Écrou M3	2
Barre de liaison M3 x 45 mm	2

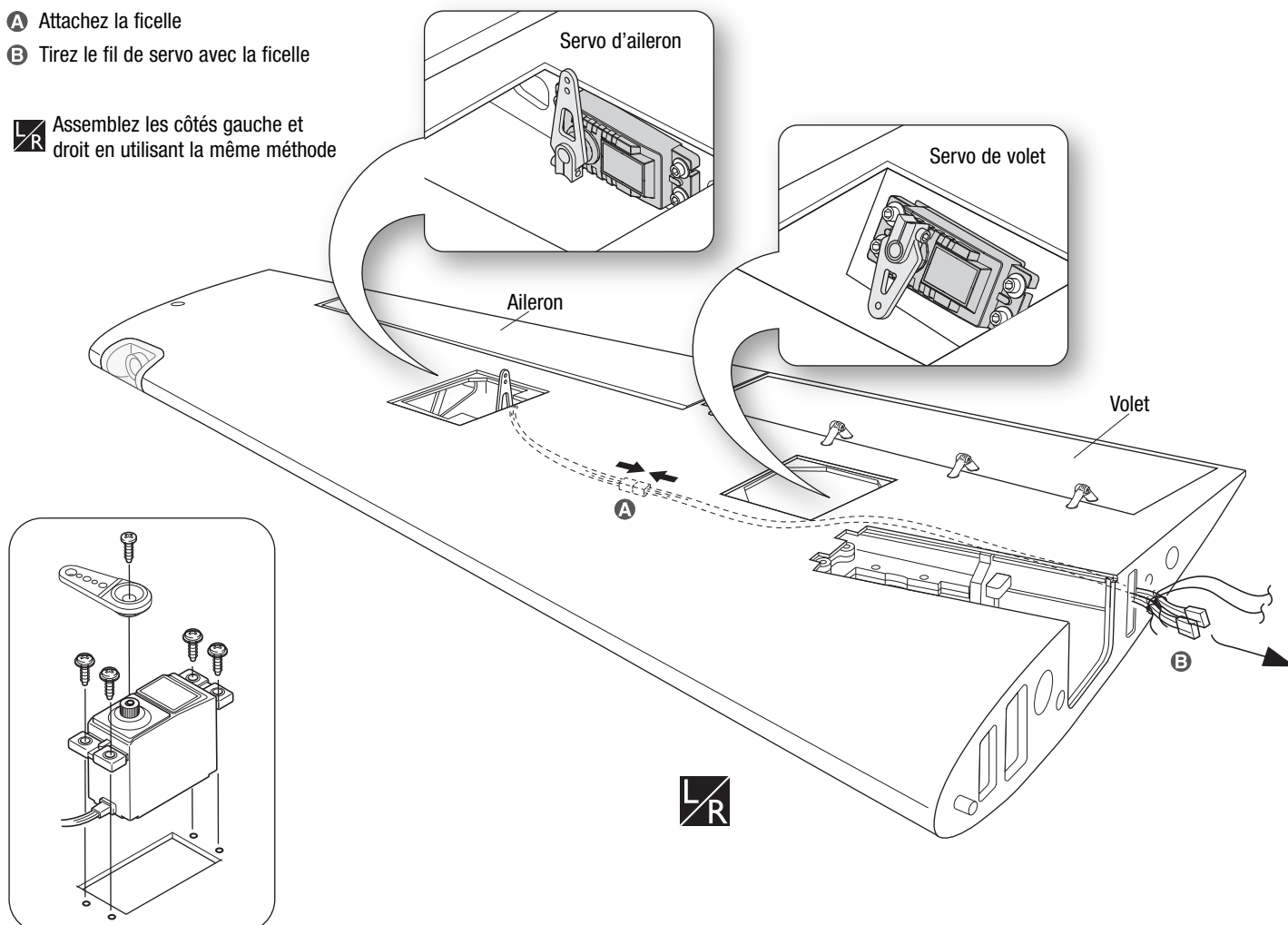
Guignol de commande (aileron)	
Vis à tête bombée 3 x 16 mm	4
Bille en laiton	2
Écrou M3	4
Barre de liaison M3 x 40 mm	4

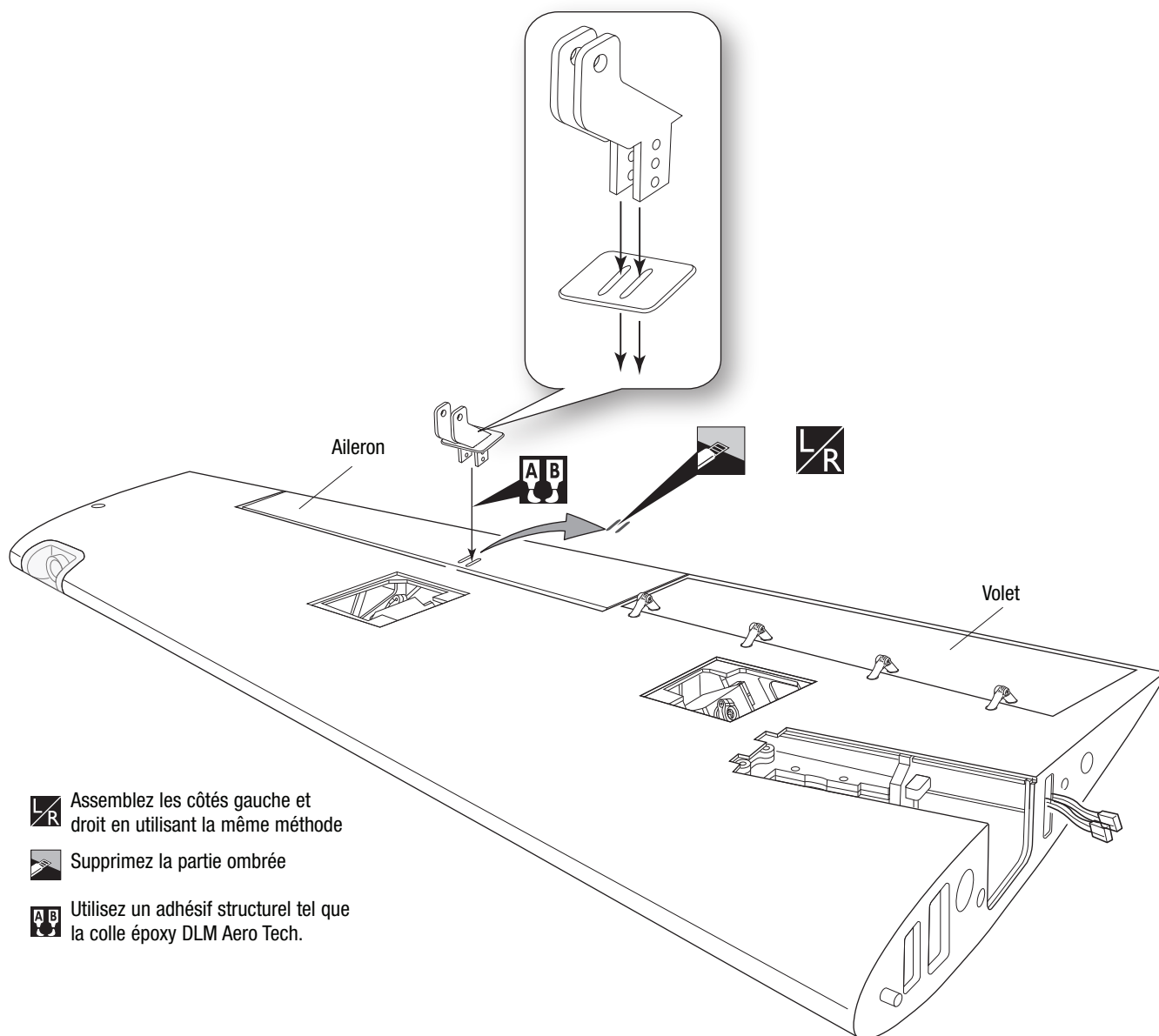
Assemblez les côtés gauche et droit en utilisant la même méthode

A Attachez la ficelle

B Tirez le fil de servo avec la ficelle

Assemblez les côtés gauche et droit en utilisant la même méthode

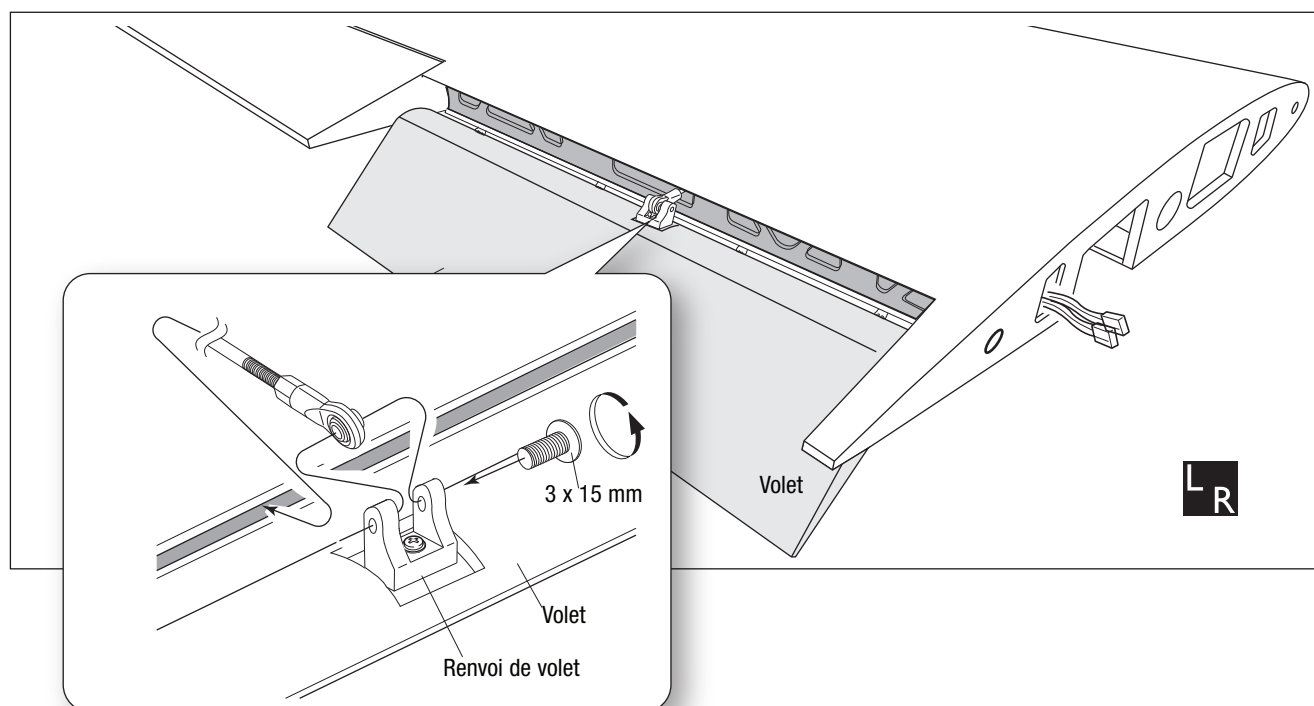


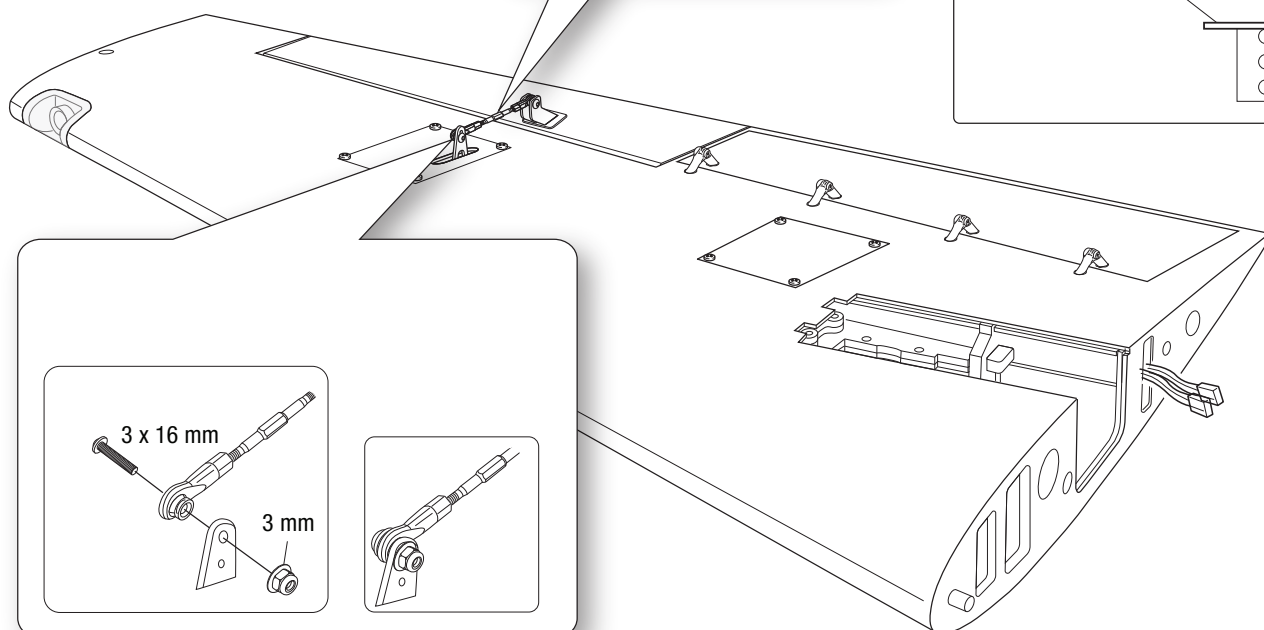
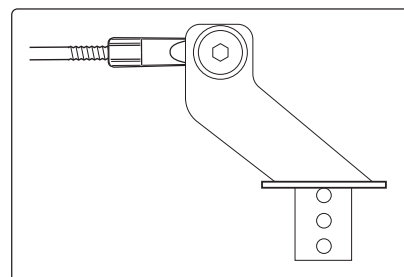
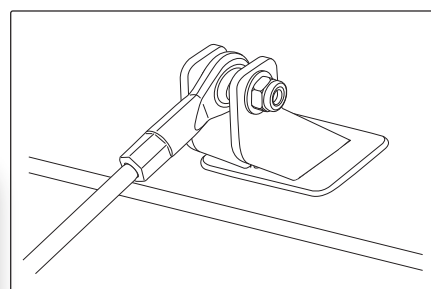
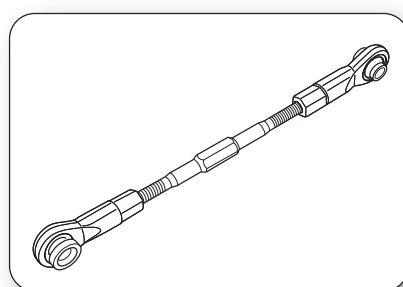
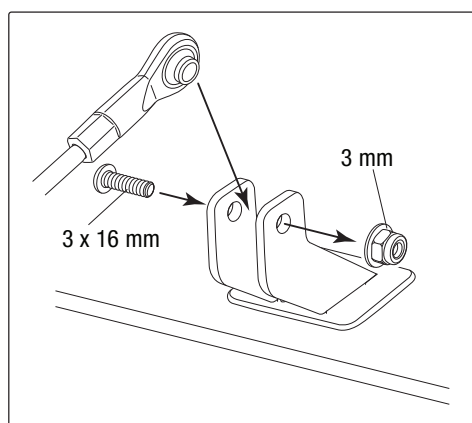
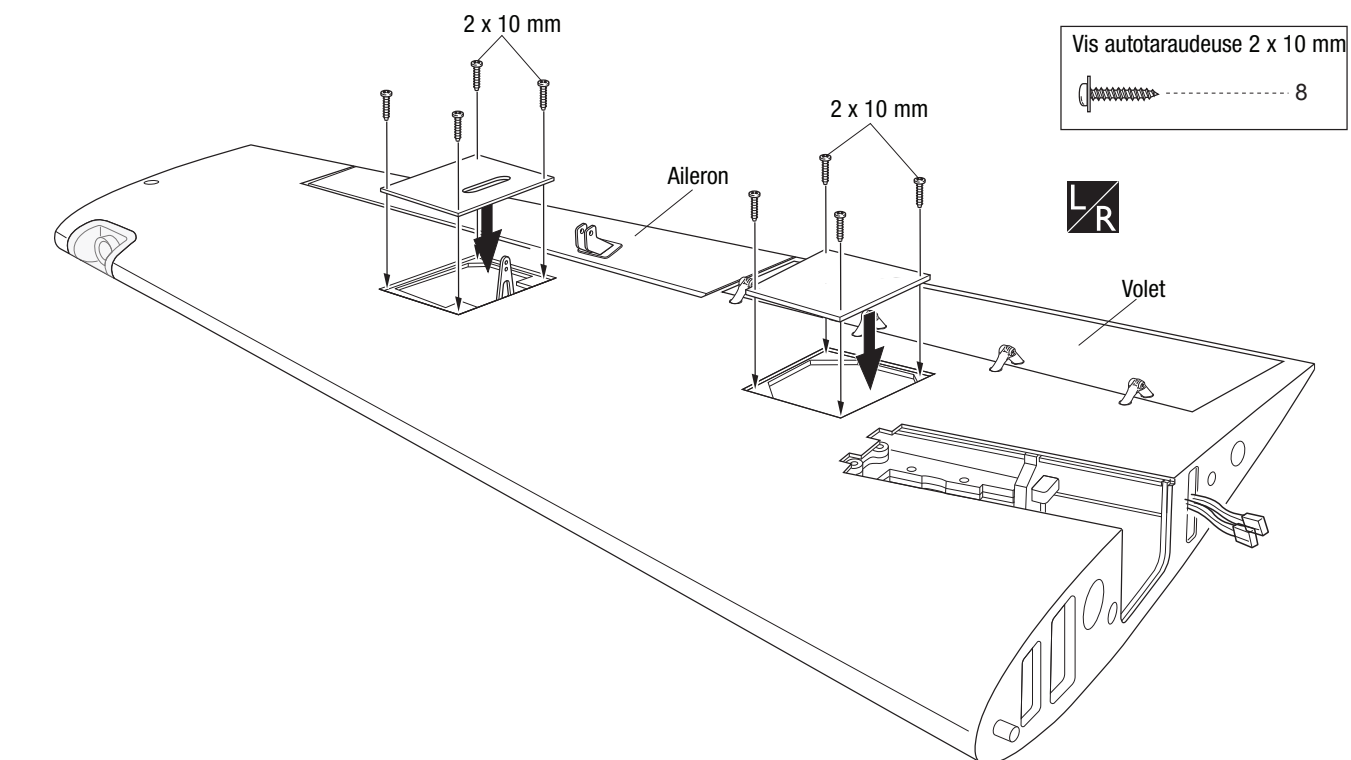


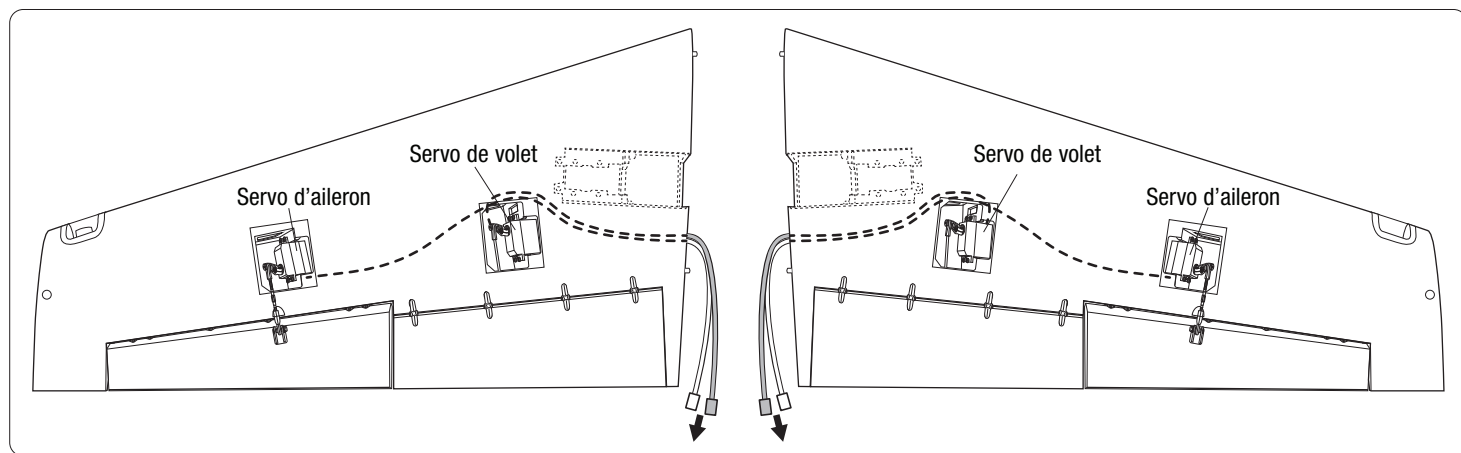
 Assemblez les côtés gauche et droit en utilisant la même méthode

 Supprimez la partie ombrée

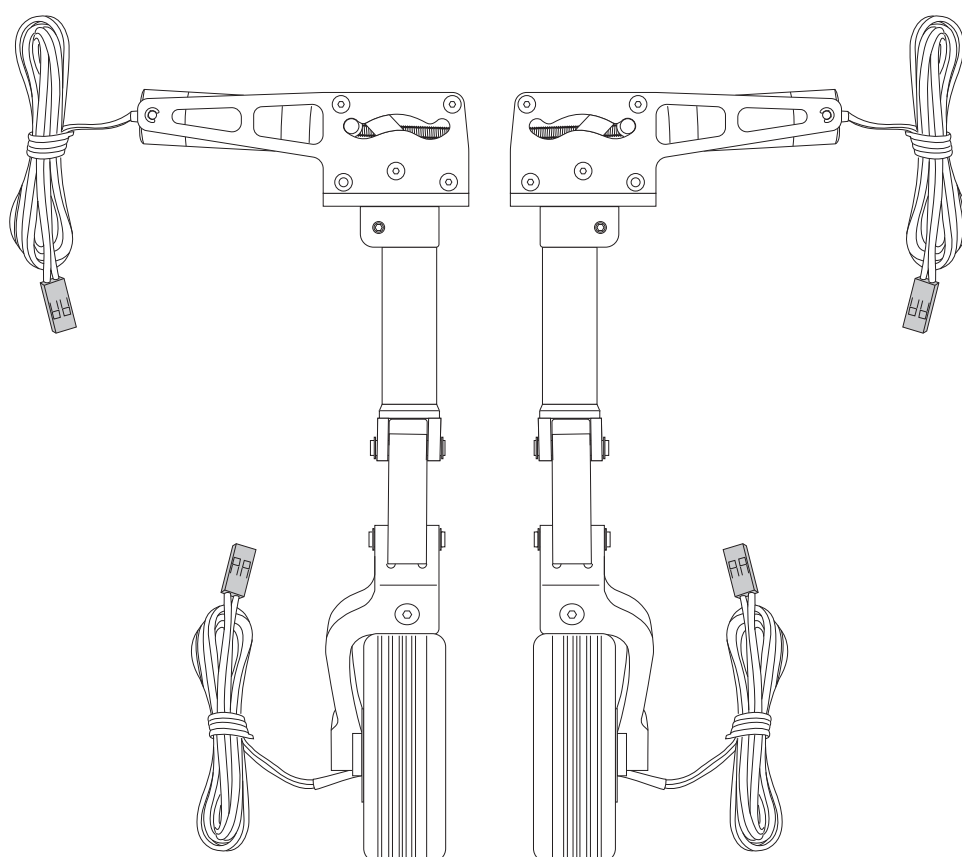
 Utilisez un adhésif structural tel que la colle époxy DLM Aero Tech.



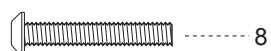




INSTALLATION DU TRAIN D'ATERRISSAGE PRINCIPAL



Vis à tête bombée M4 x 25 mm



8

Rondelle de 4 mm



8

Vis à tête bombée 3 x 12 mm



2

Vis à tête bombée 3 x 10 mm



4

Écrou Nylock M3



4

Rondelle de 3 mm



8

Bille en aluminium



4



4

16 A



2

Charnières à goupille barbelées

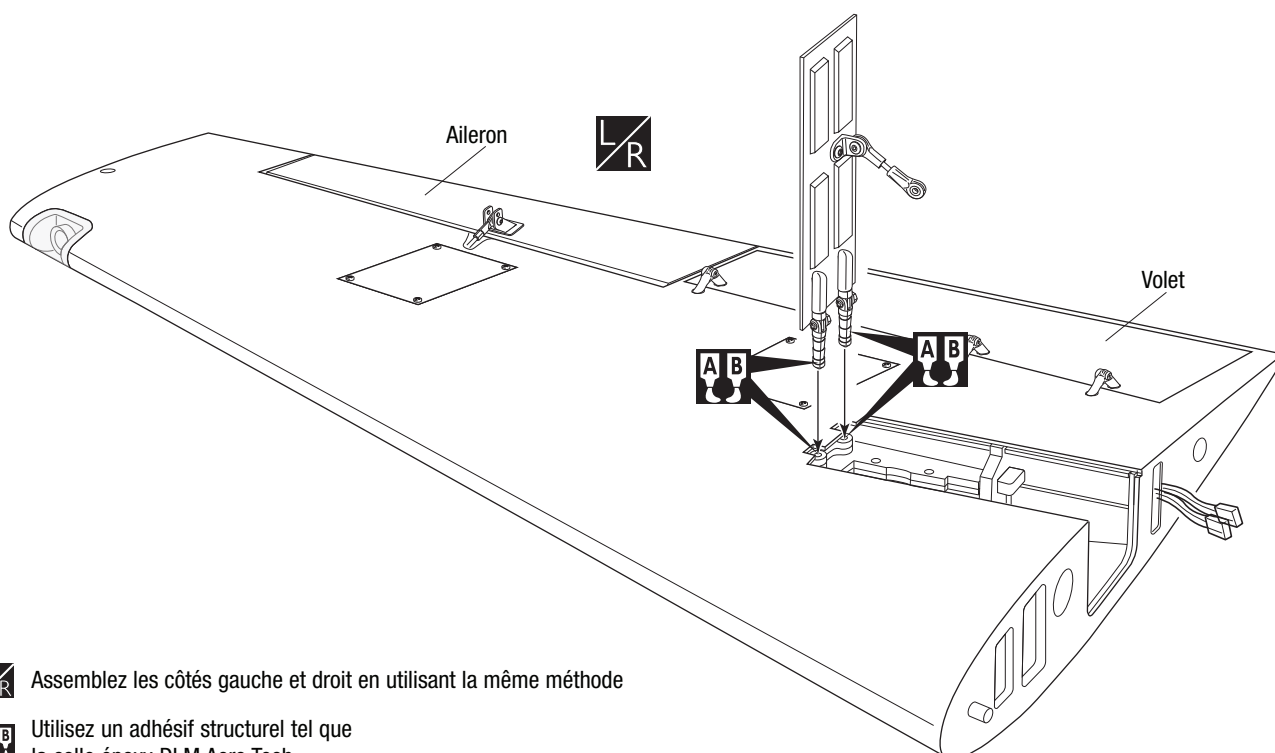
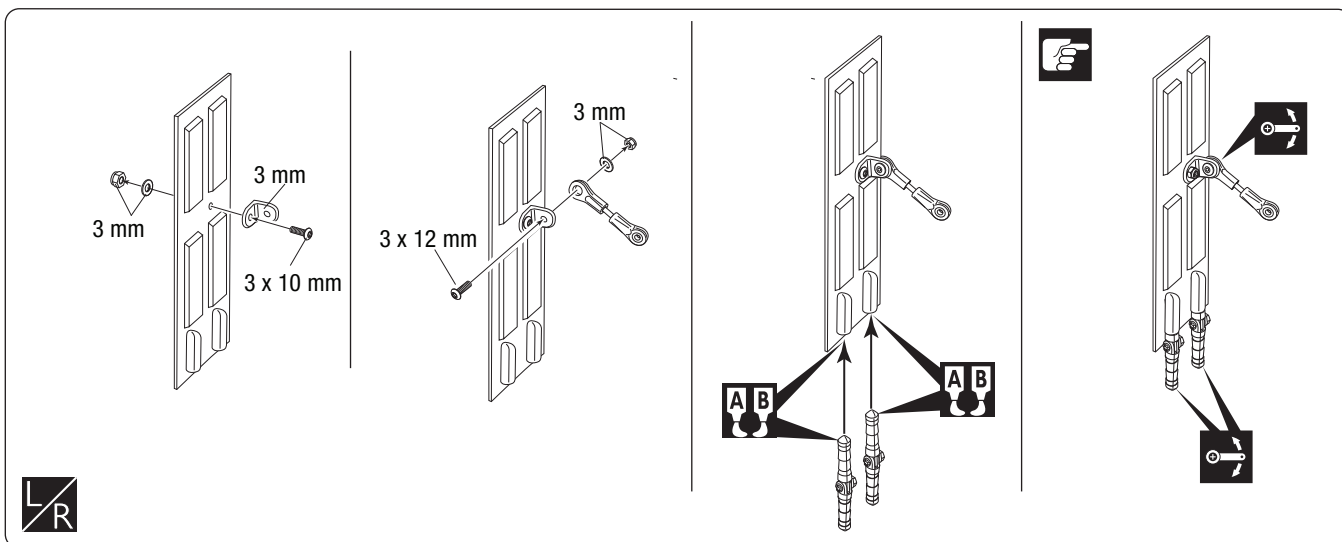
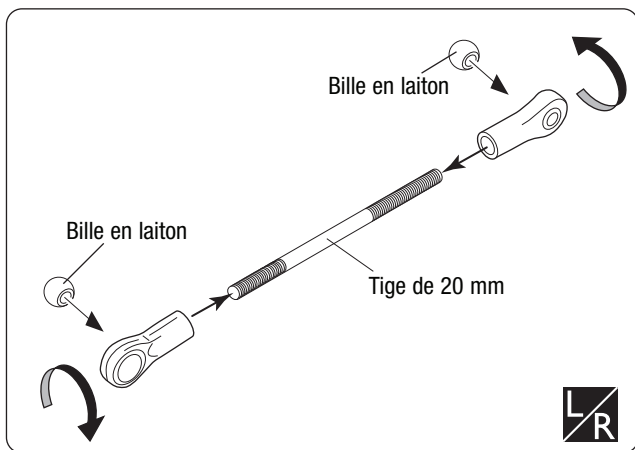


4

Barre de liaison M3 x 20 mm



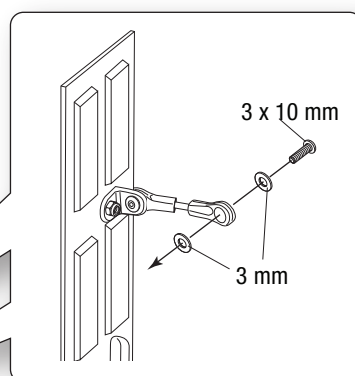
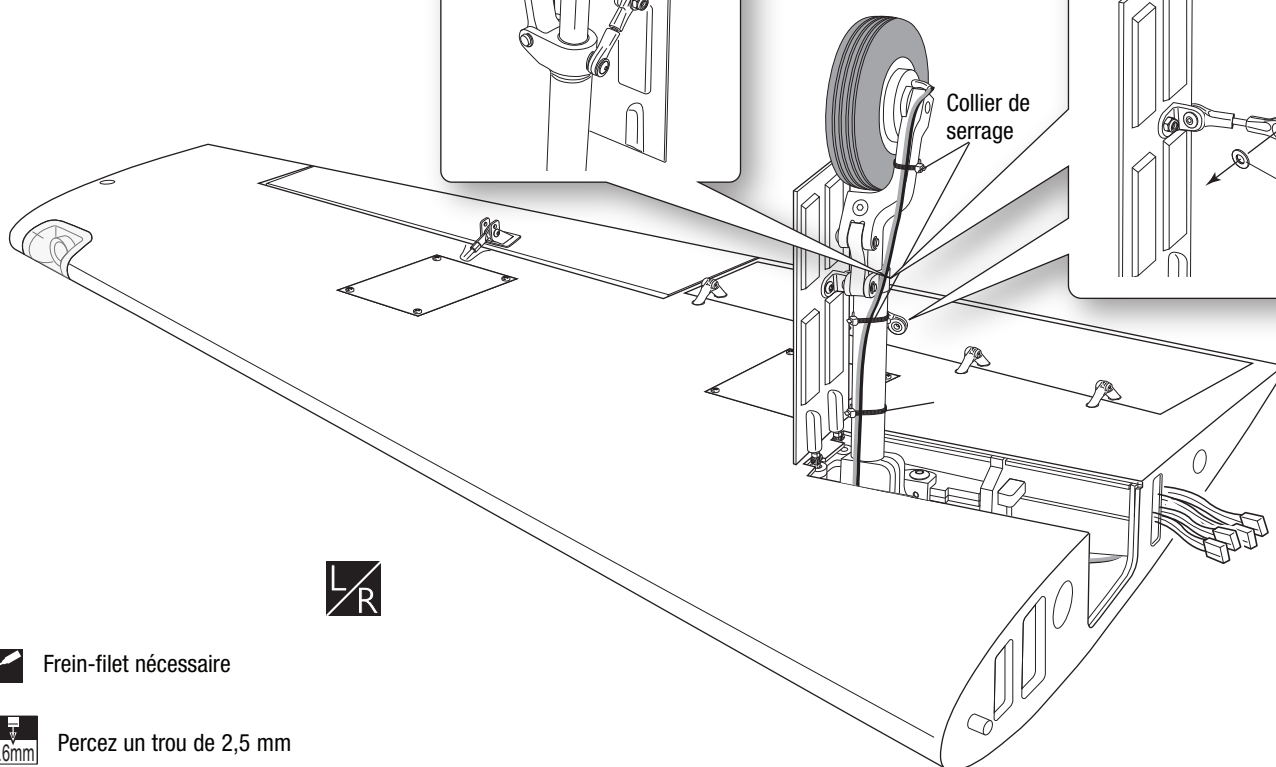
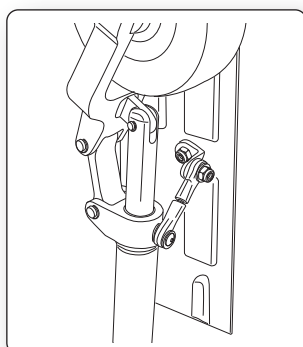
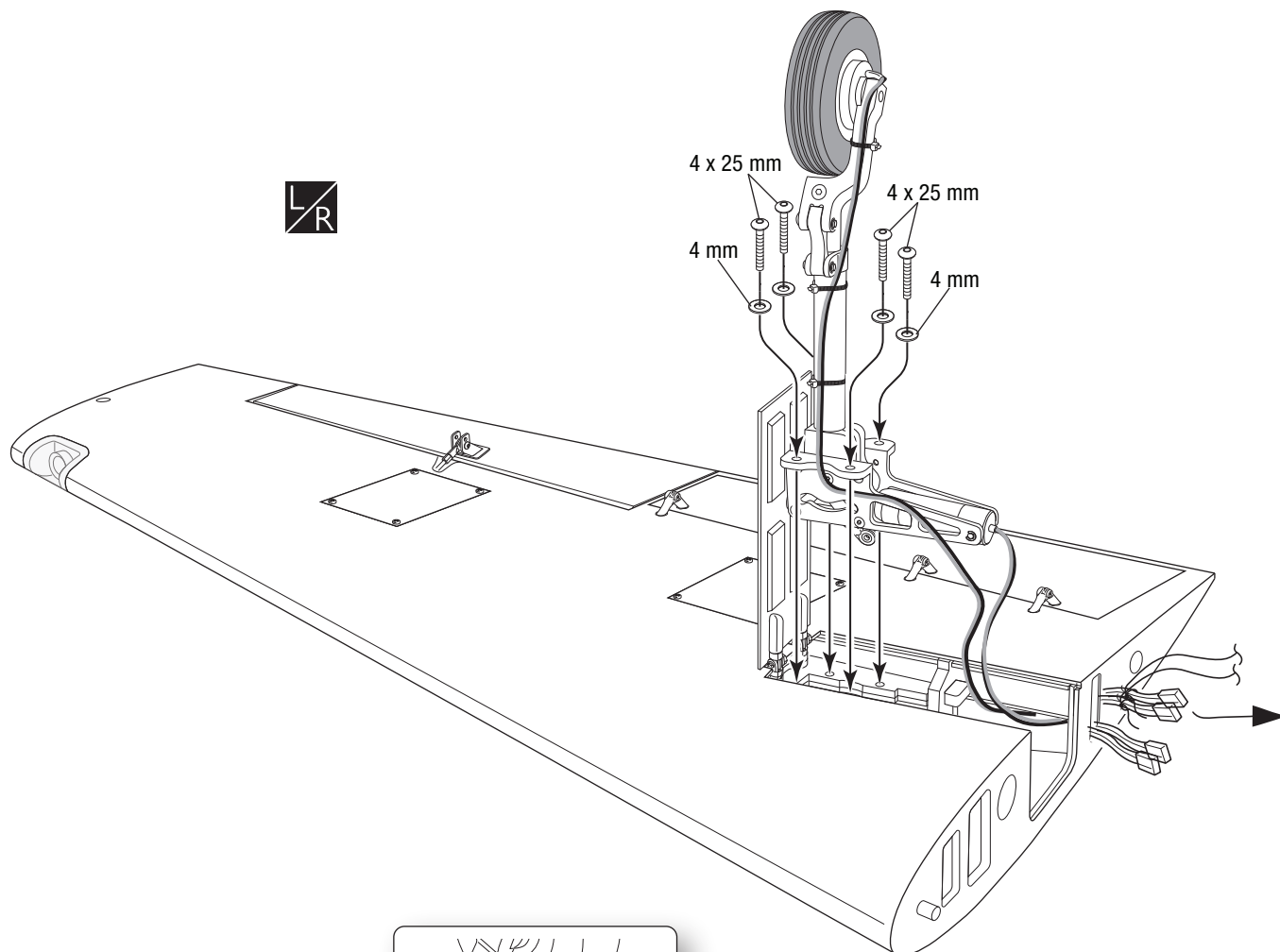
2



 Assemblez les côtés gauche et droit en utilisant la même méthode

 Utilisez un adhésif structurel tel que la colle époxy DLM Aero Tech.

 Assurez-vous que les tringleries se déplacent facilement pendant l'assemblage. Assurez-vous que les charnières sont correctement fixées avant de continuer.



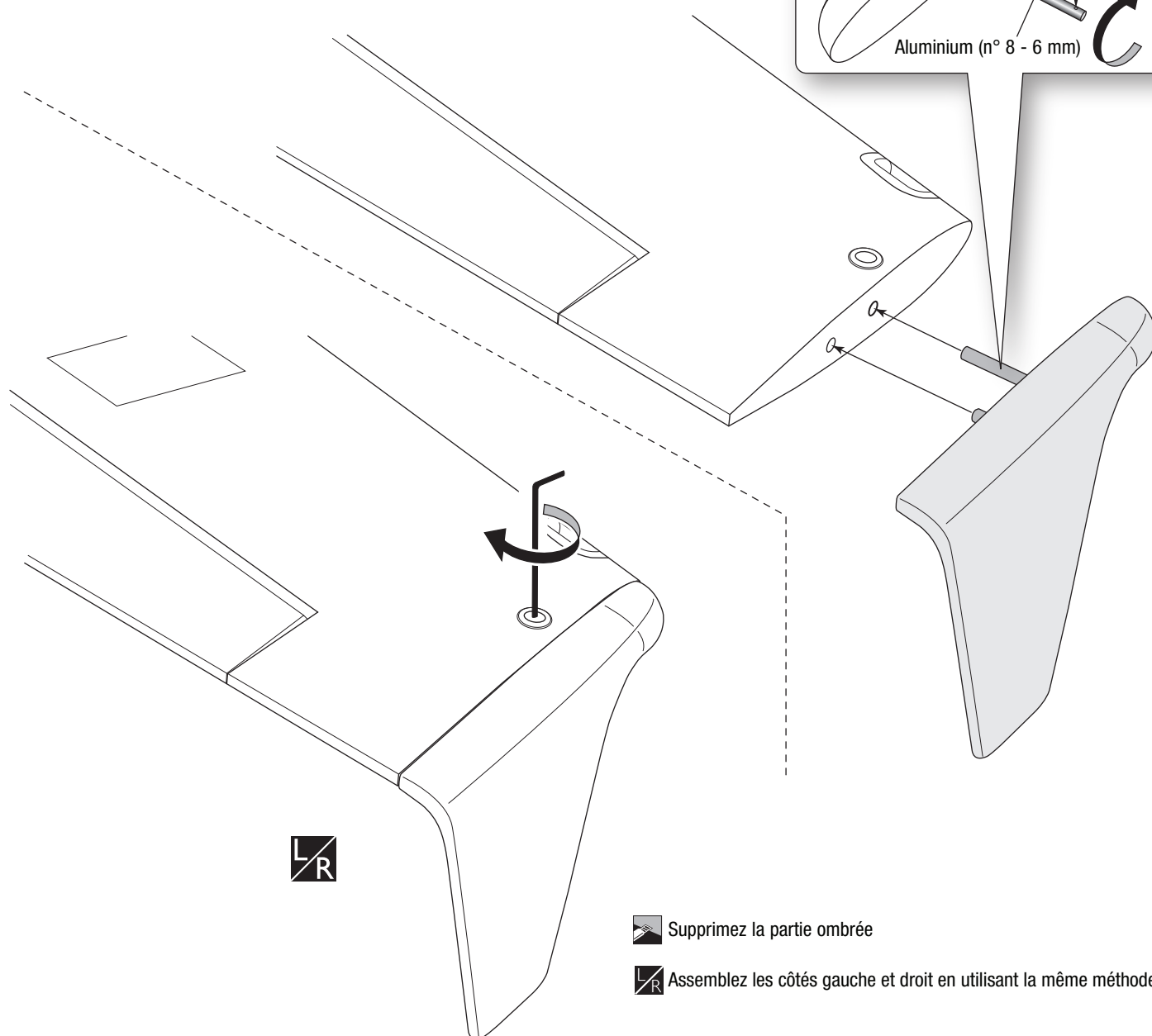
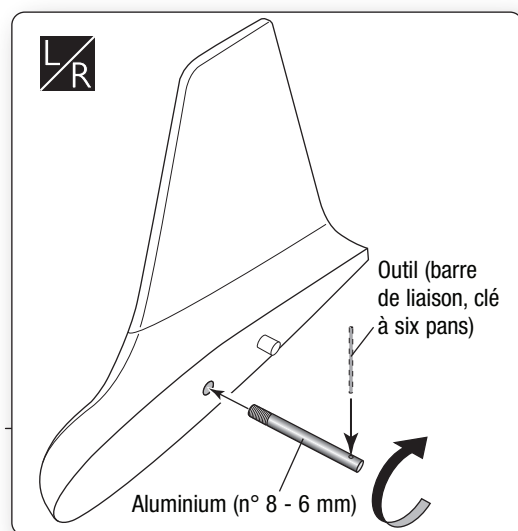
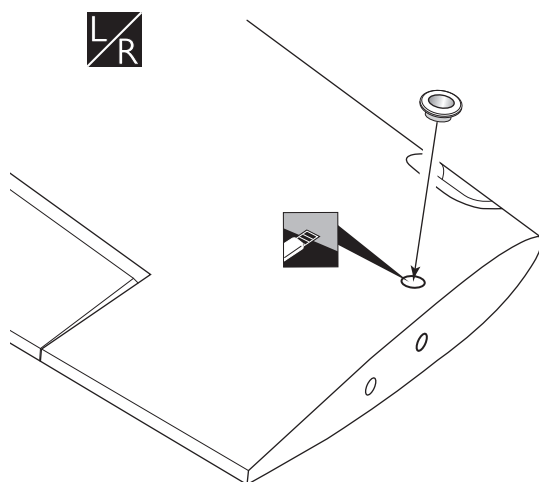
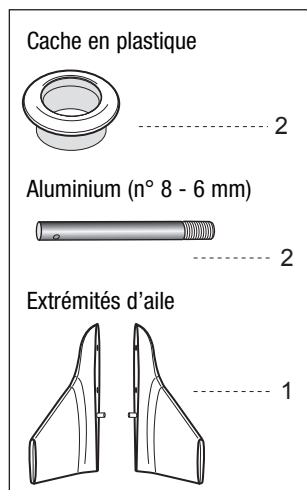
Frein-filet nécessaire



Percez un trou de 2,5 mm

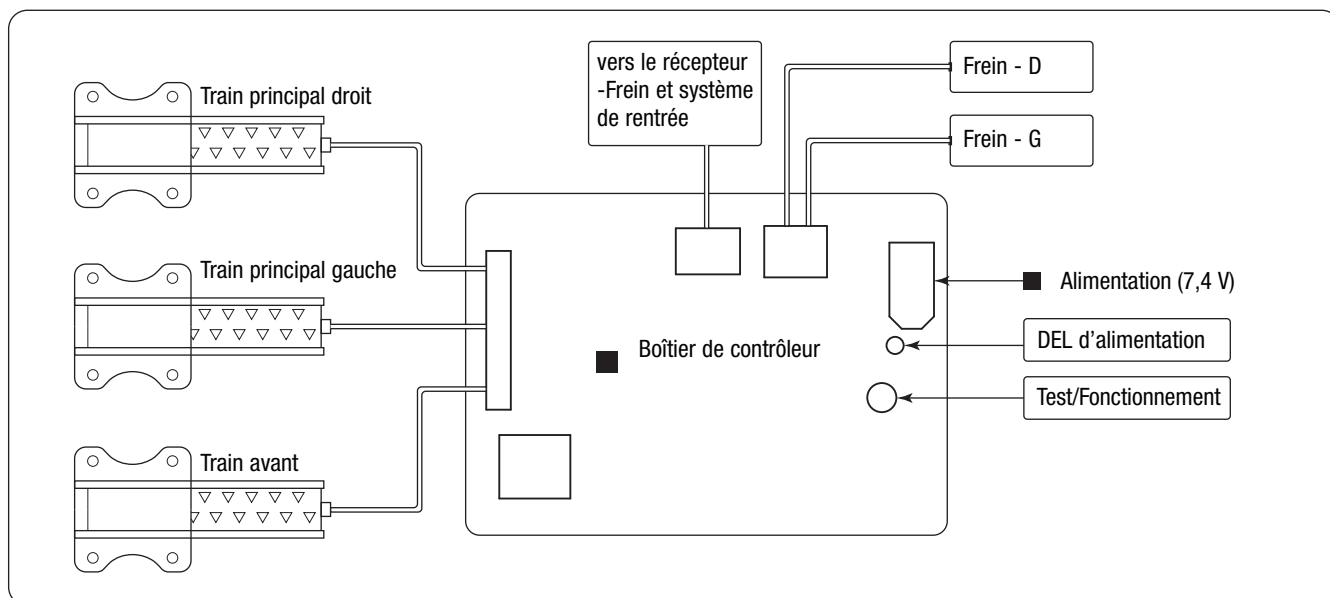


Assemblez les côtés gauche et droit en utilisant la même méthode

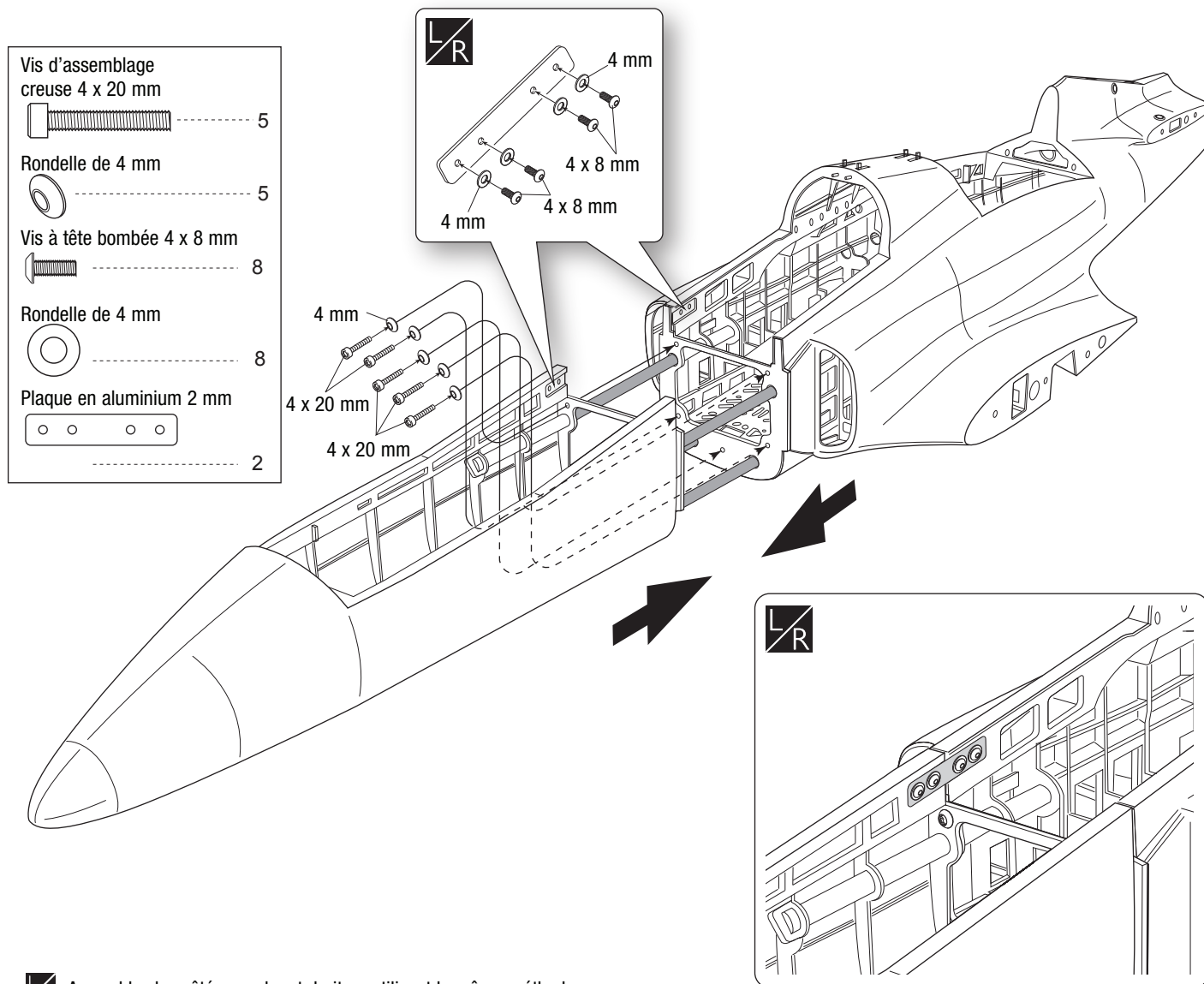


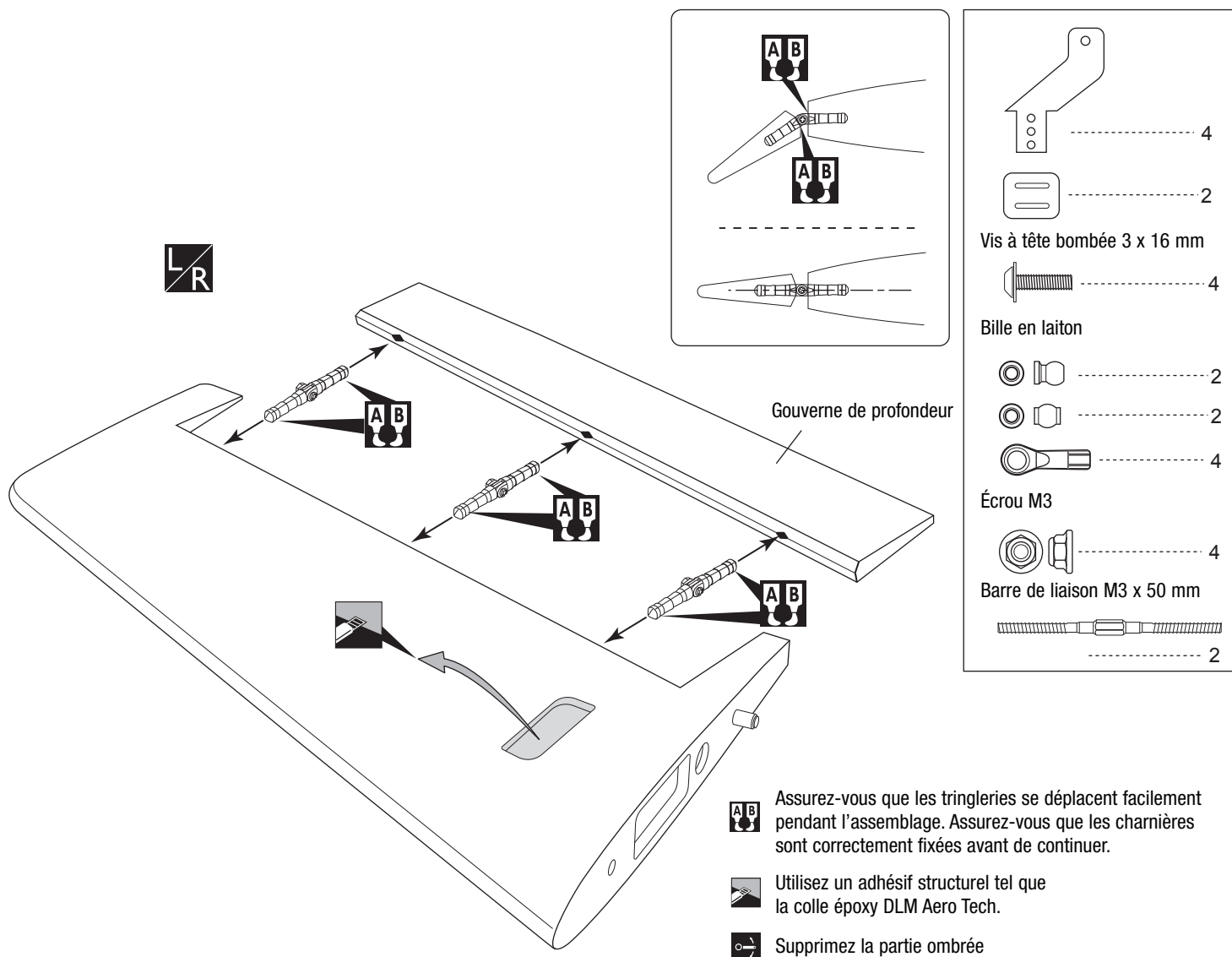
 Supprimez la partie ombrée

 Assemblez les côtés gauche et droit en utilisant la même méthode

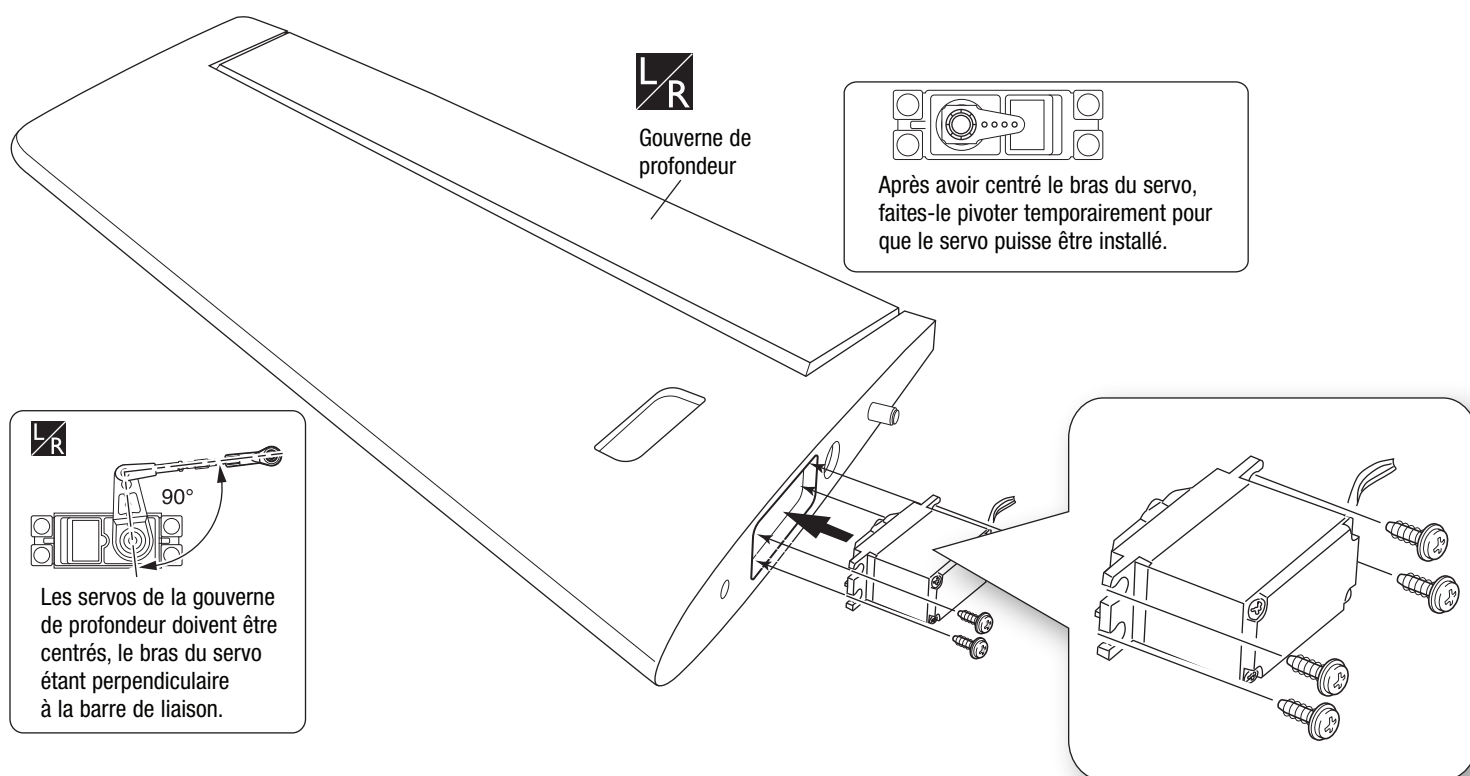


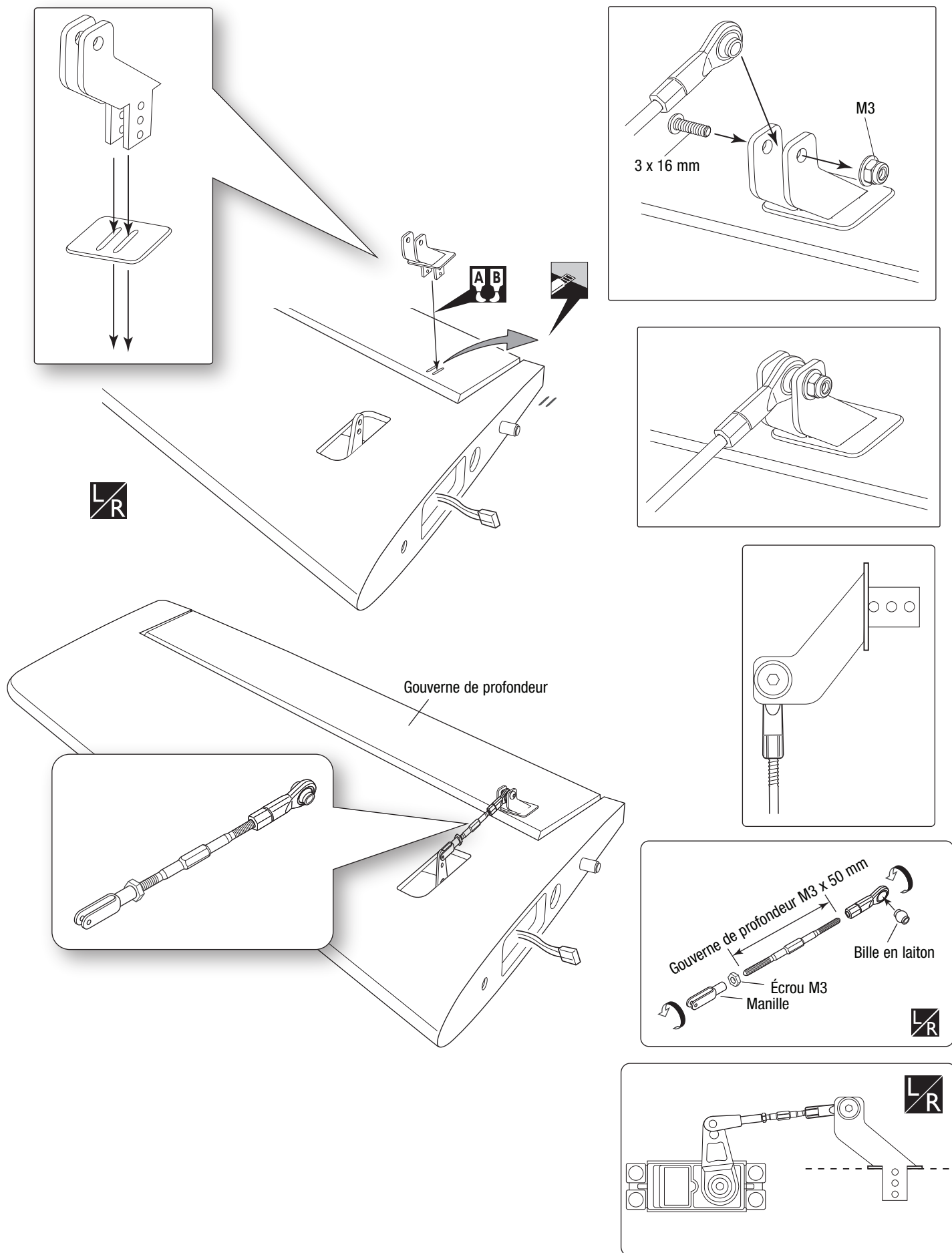
ASSEMBLAGE DU FUSELAGE





INSTALLATION DU SERVO DE LA GOUVERNE DE PROFONDEUR





Utilisez un adhésif structural tel que la colle époxy DLM Aero Tech.

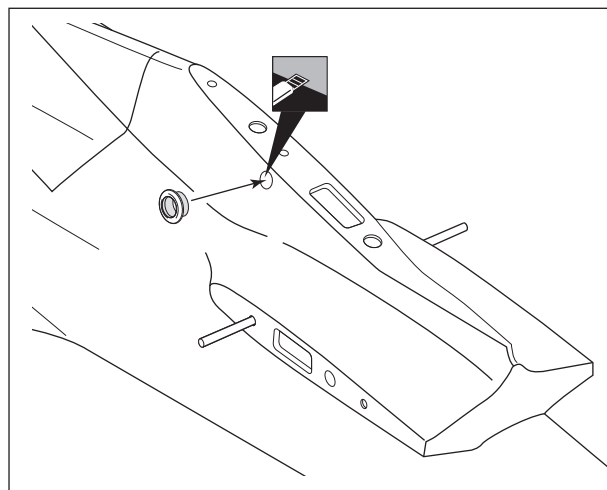


Supprimez la partie ombrée

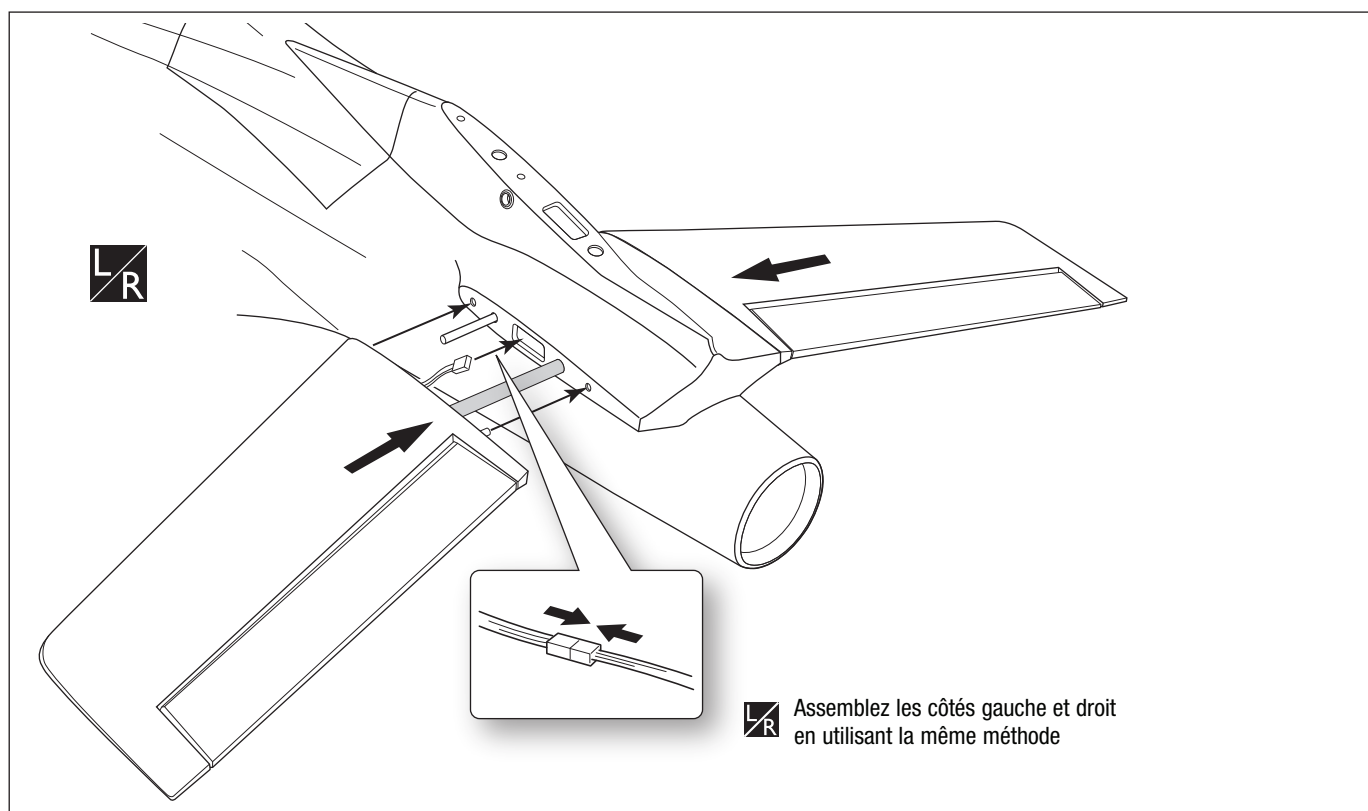
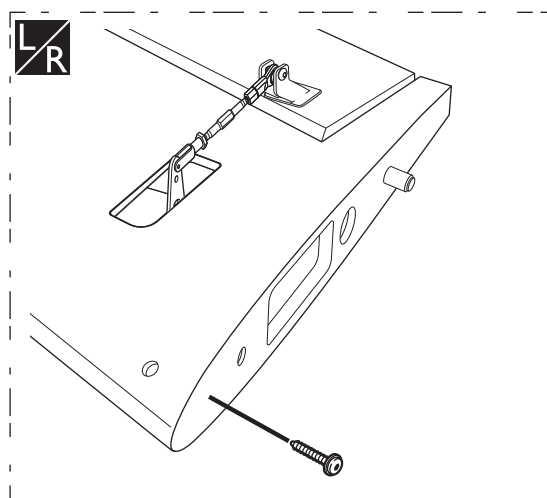


Assemblez les côtés gauche et droit en utilisant la même méthode

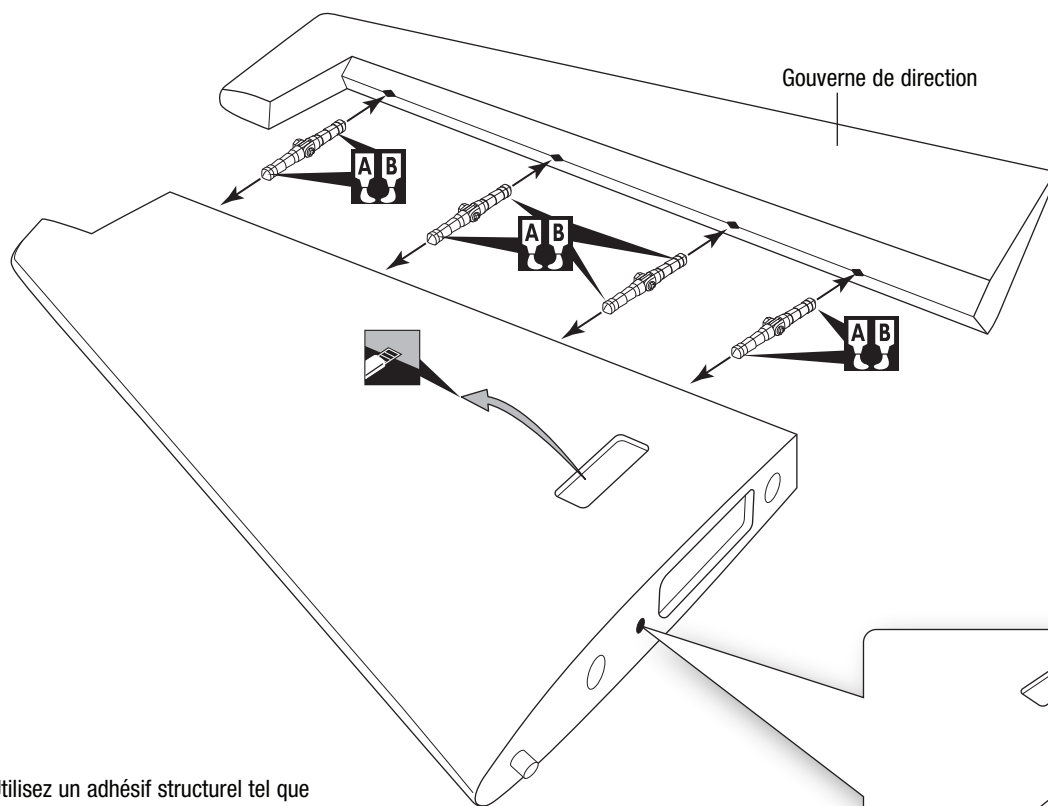
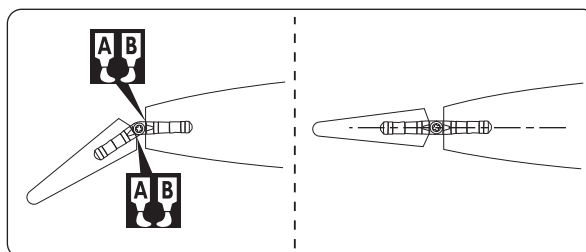
 Supprimez la partie ombrée



FIXATION DES MOITIÉS DU STABILISATEUR HORIZONTAL



INSTALLATION DES CHARNIÈRES DE LA GOUVERNE DE DIRECTION

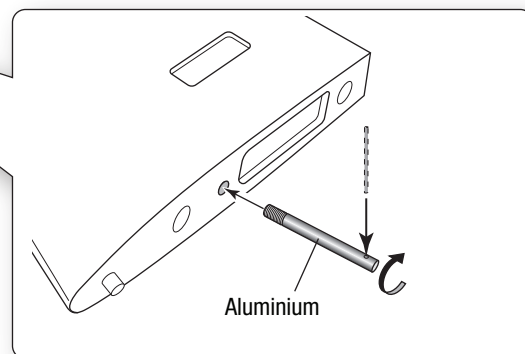


	2
	1
Vis à tête bombée 3 x 16 mm	
	2
Bille en laiton	
	1
	1
	2
Écrou M3	
	2
Aluminium	
	1
Barre de liaison M3 x 50 mm	
	1

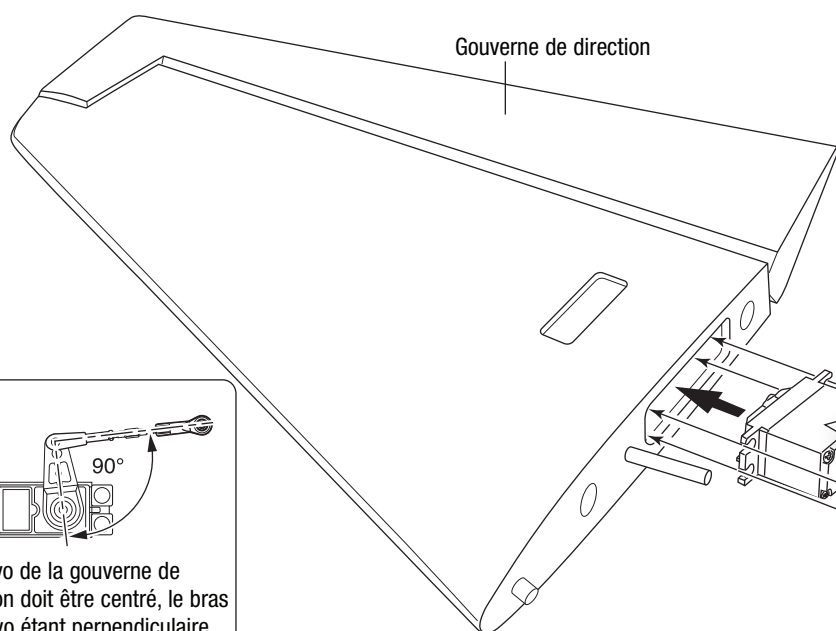
A B Utilisez un adhésif structural tel que la colle époxy DLM Aero Tech.

Supprimez la partie ombrée

Assurez-vous que les tringleries se déplacent facilement pendant l'assemblage.
Assurez-vous que les charnières sont correctement fixées avant de continuer.

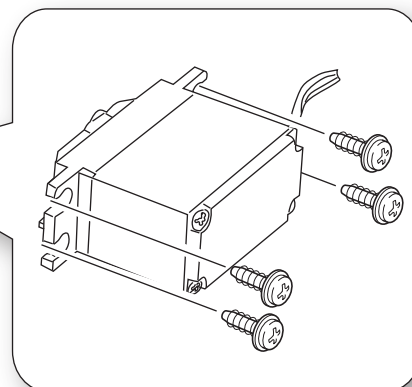


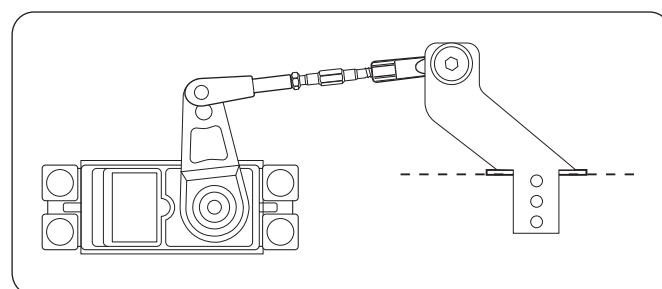
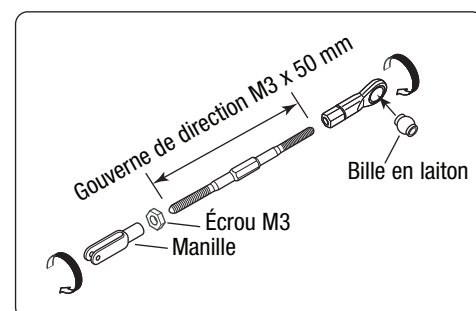
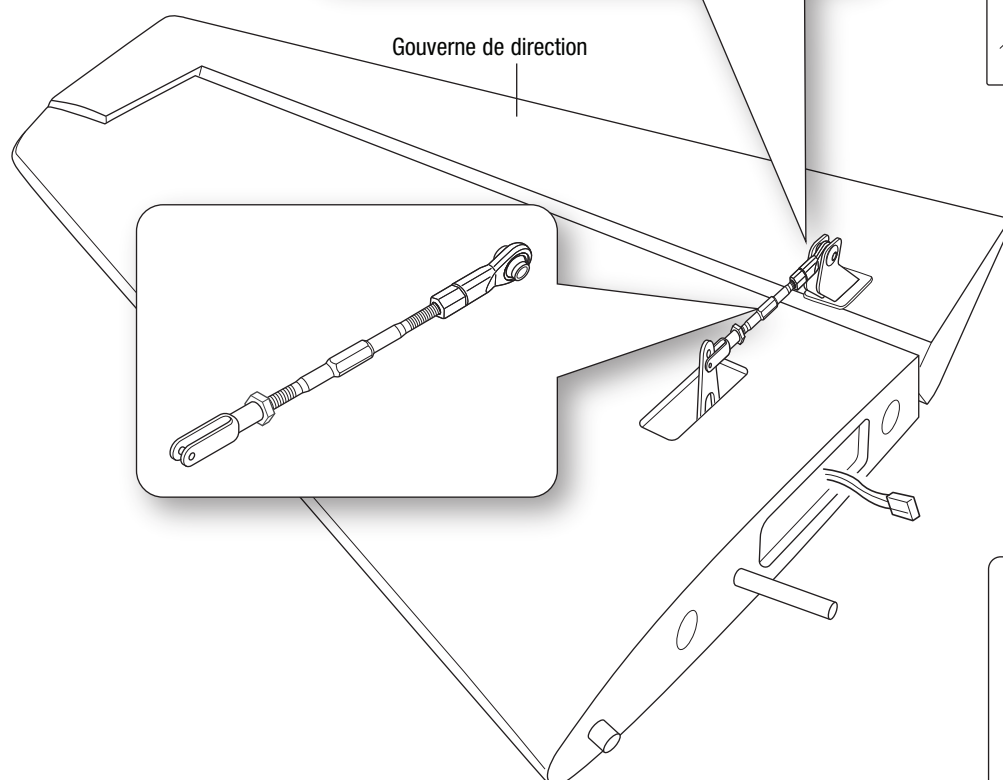
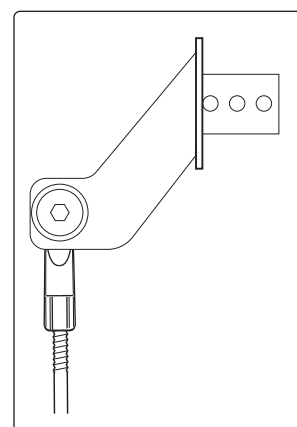
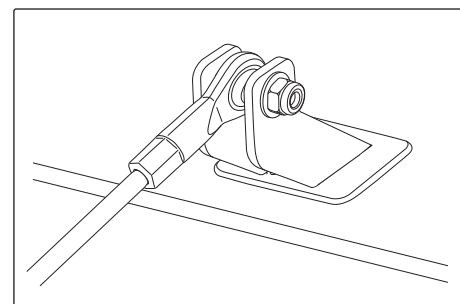
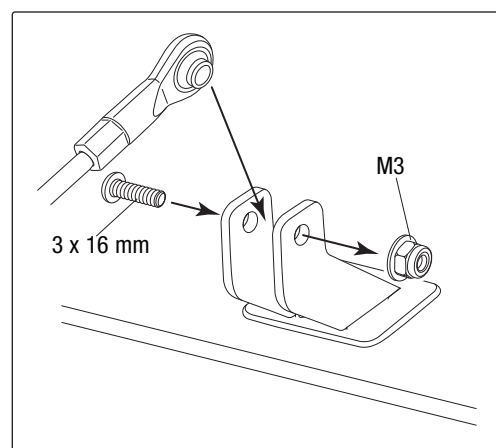
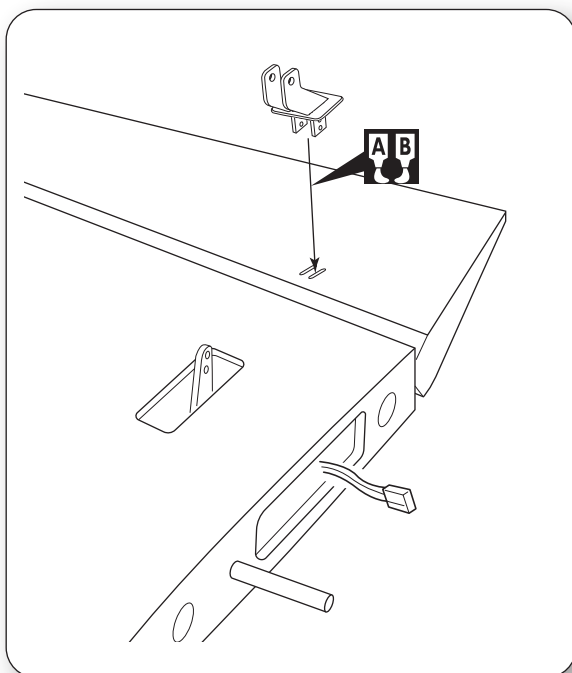
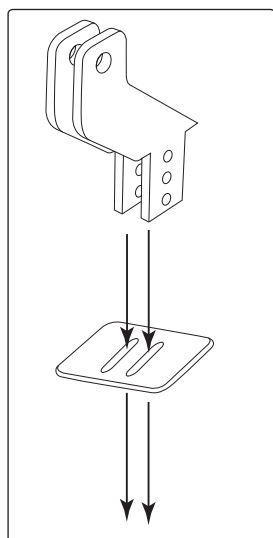
INSTALLATION DU SERVO DE LA GOUVERNE DE DIRECTION



Après avoir centré le bras du servo, faites-le pivoter temporairement pour que le servo puisse être installé.

Le servo de la gouverne de direction doit être centré, le bras du servo étant perpendiculaire à la barre de liaison.

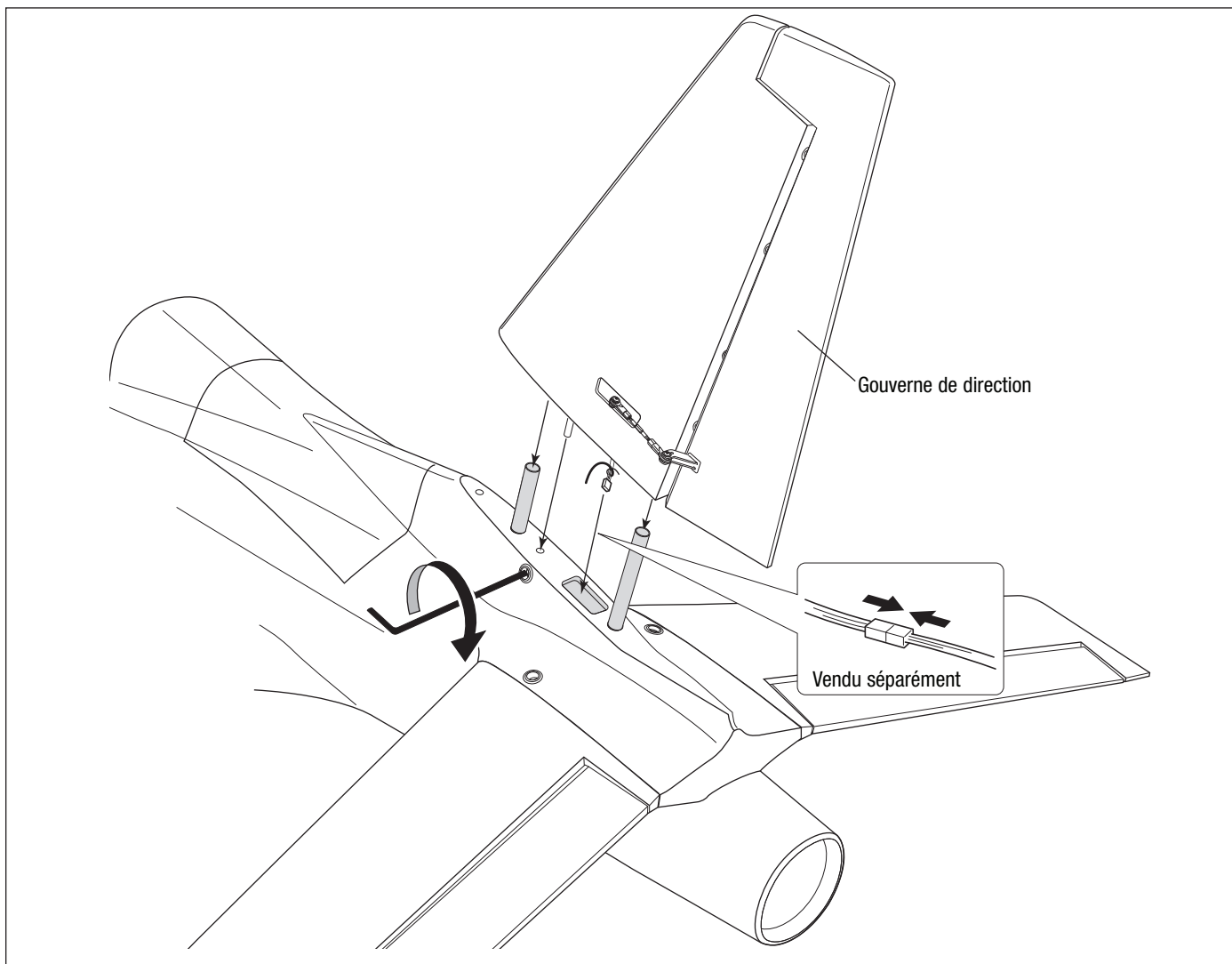




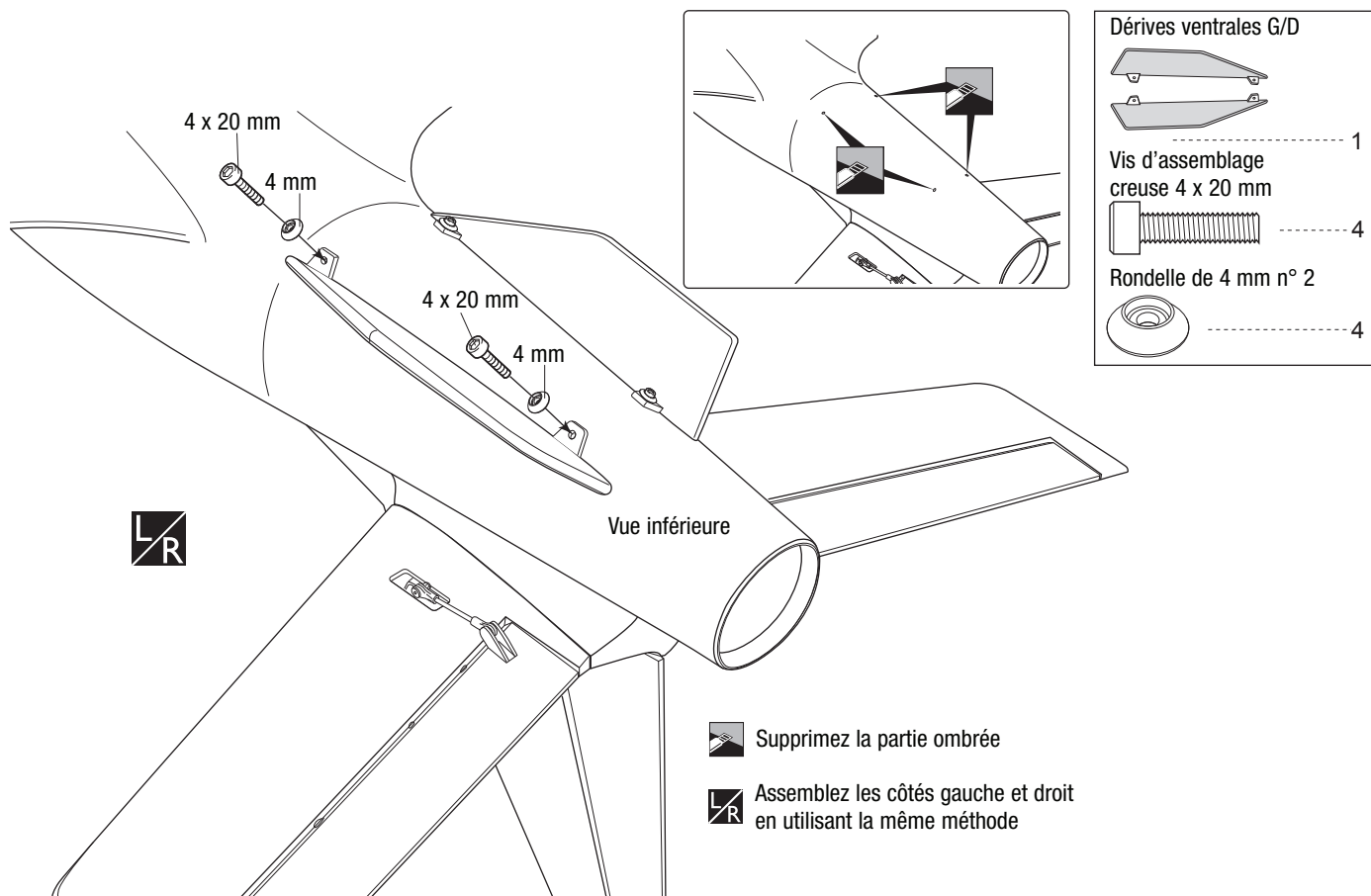
Utilisez un adhésif structurel tel que la colle époxy DLM Aero Tech.

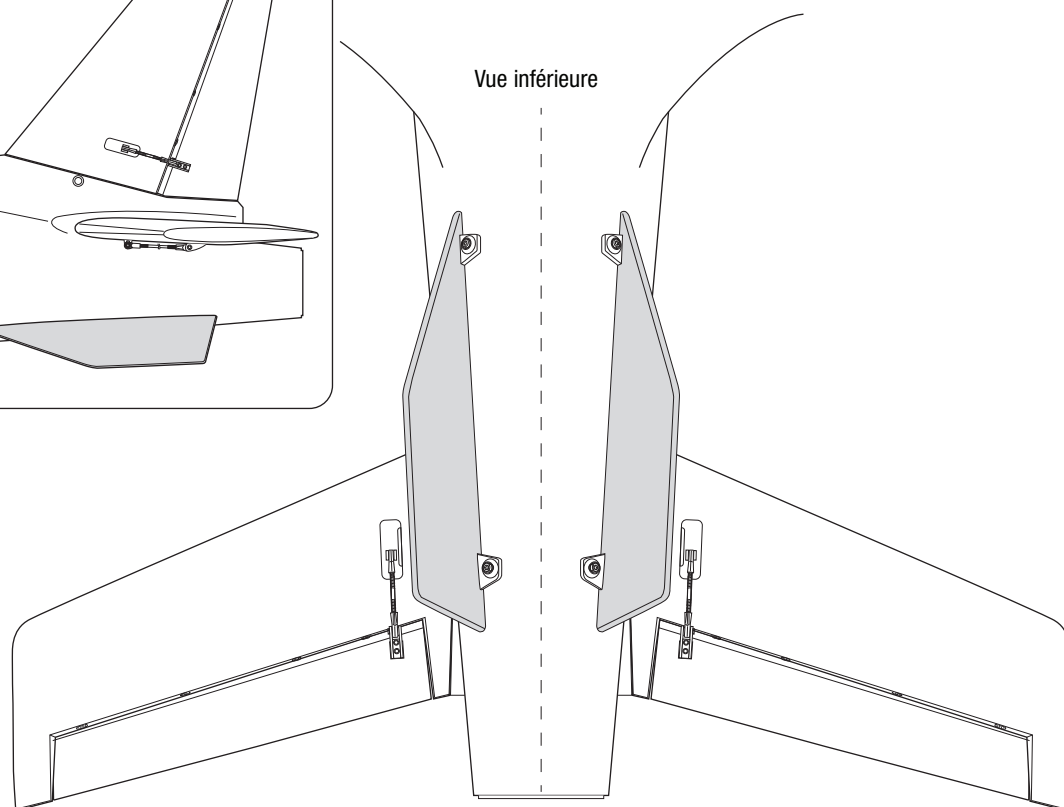
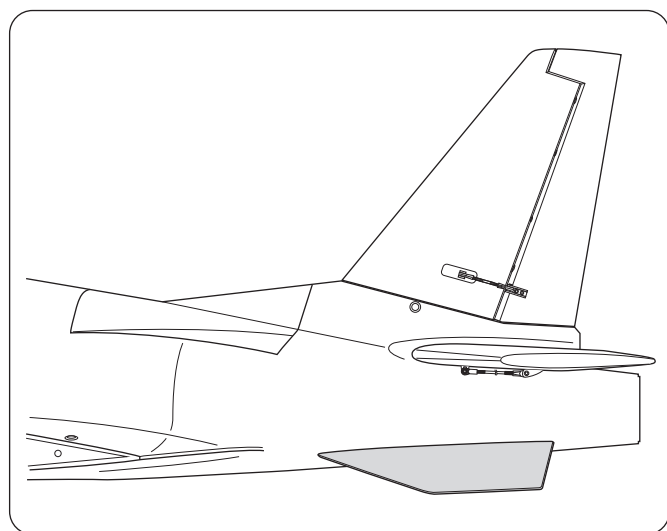


Supprimez la partie ombrée



INSTALLATION DE LA DÉRIVE VENTRALE





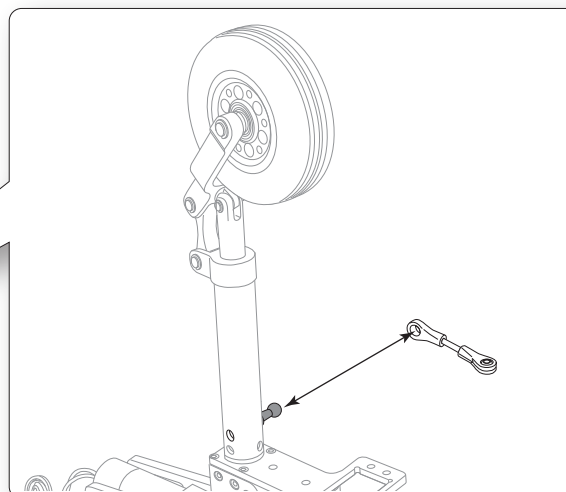
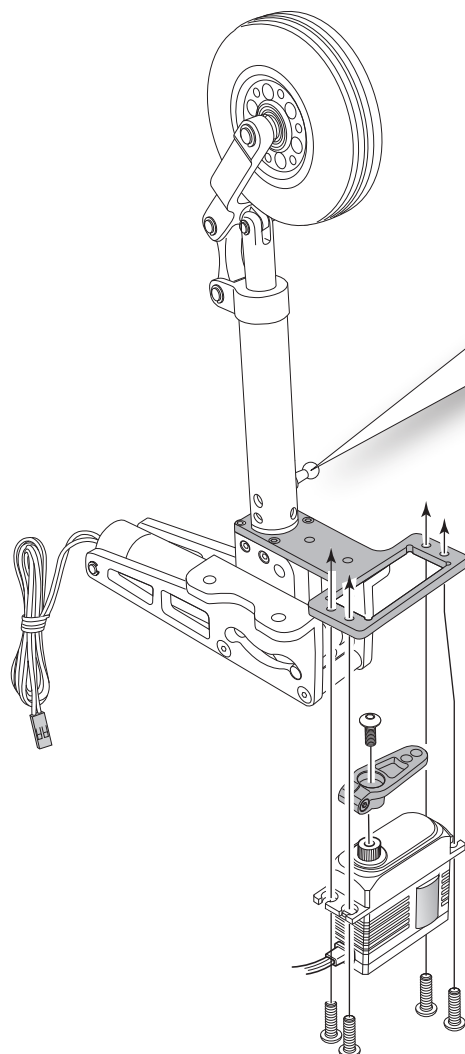
Vis à tête bombée 3 x 12 mm

Écrou Nylock M3

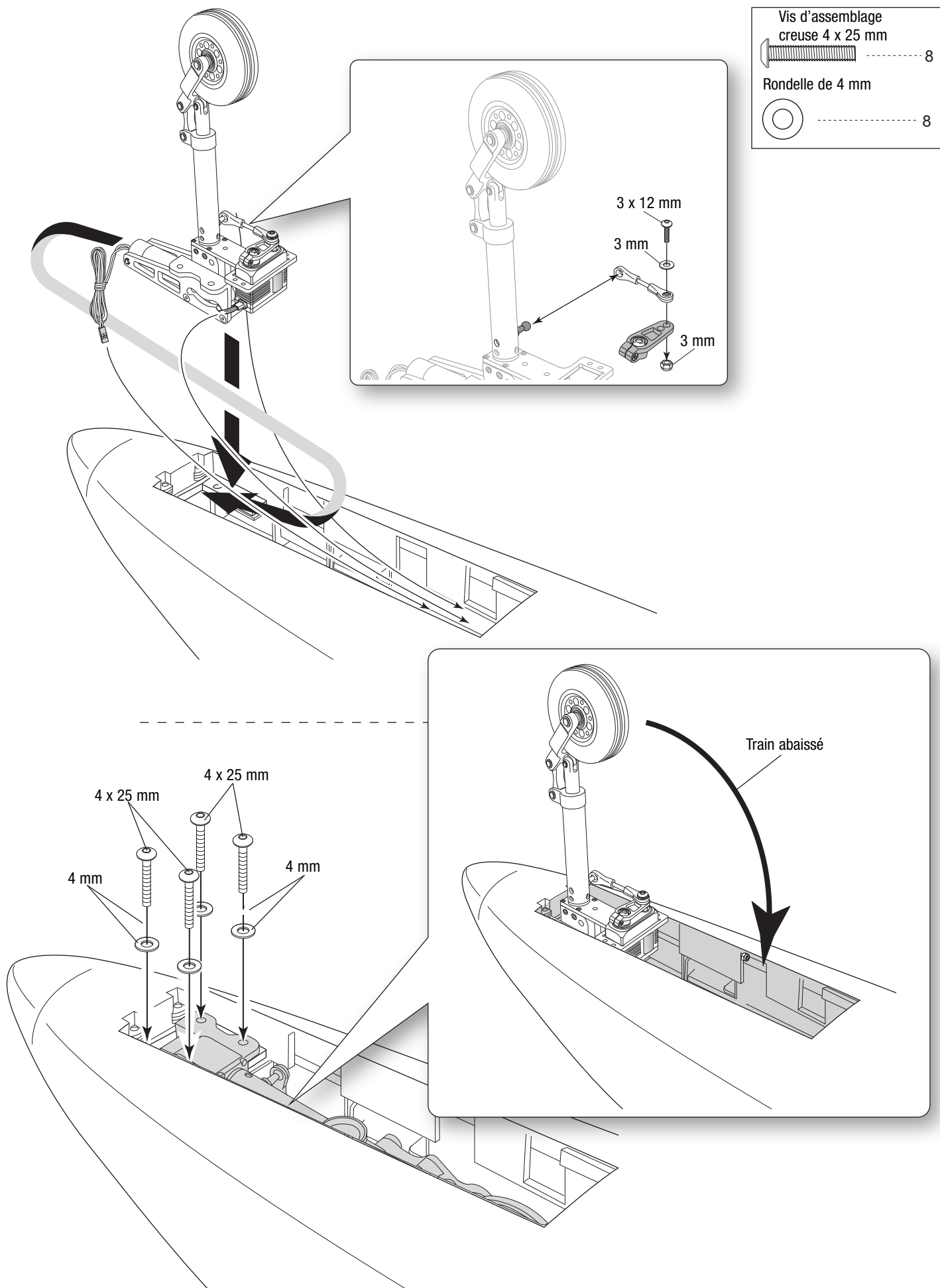
Rondelle de 3 mm

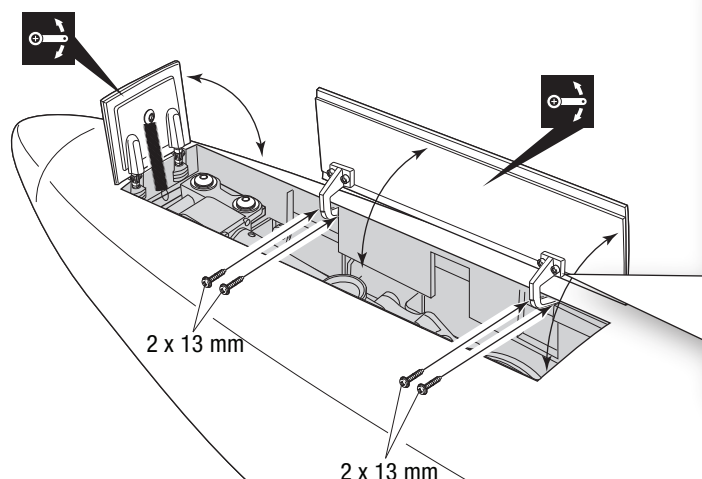
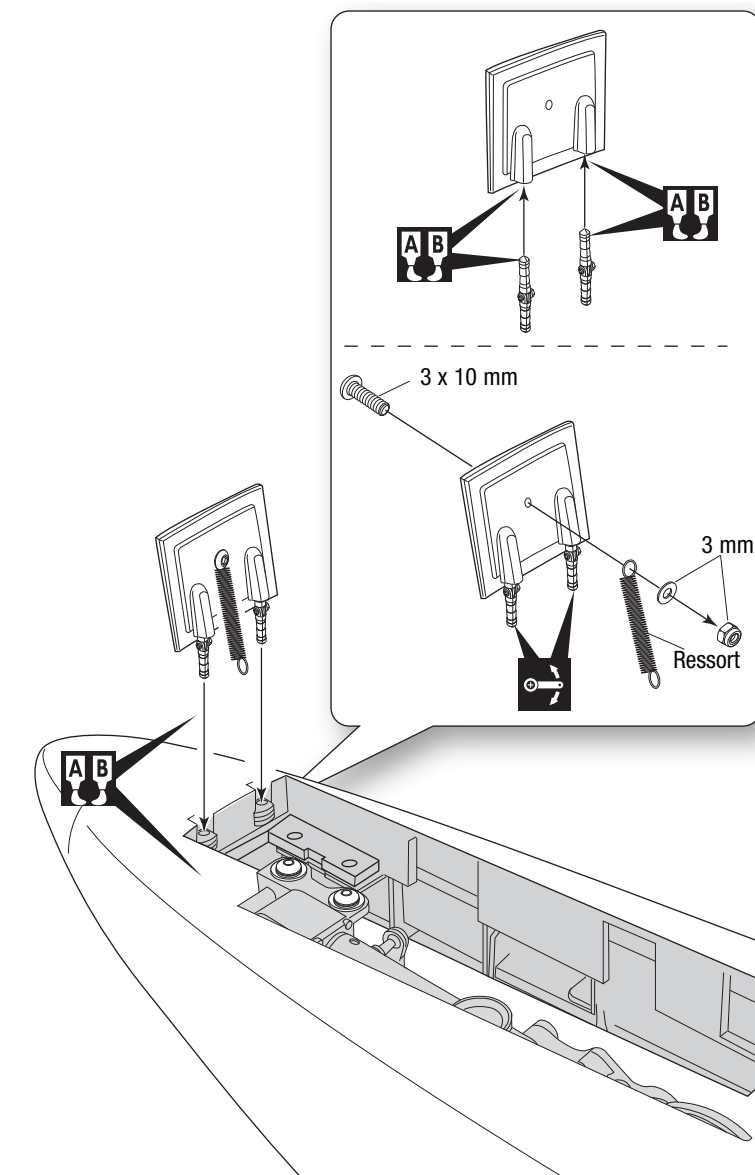
Bille en aluminium

Barre de liaison M3 x 34 mm



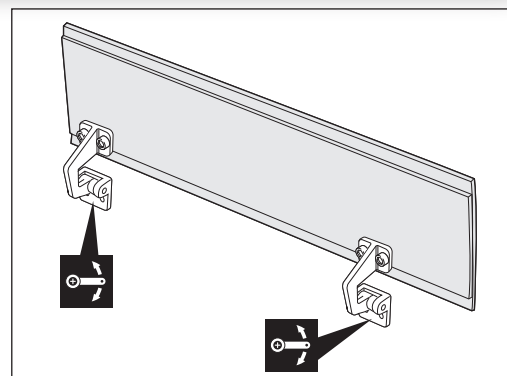
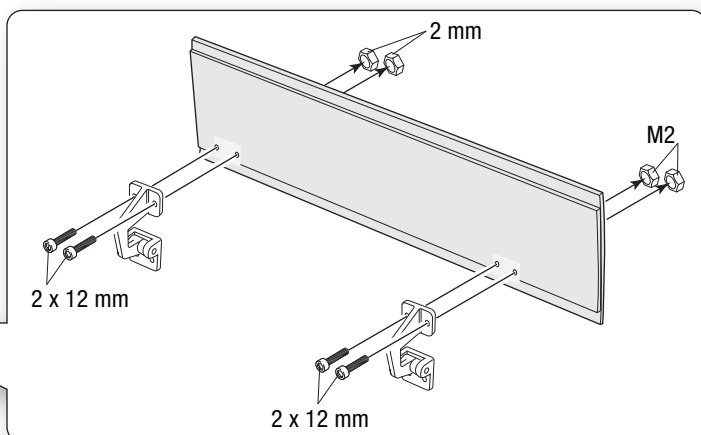
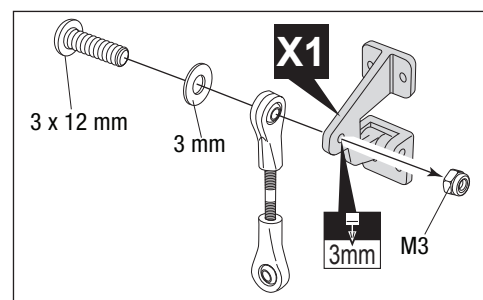
Assurez-vous que les tringleries se déplacent facilement pendant l'assemblage.





Charnières à goupille en plastique M (n° 3)	2
Charnières en plastique (n° 8)	2
Vis à tête bombée 4 x 8 mm	1
Ressort (n° 28)	1
Bille en aluminium	2
Barre de liaison M3 x 34 mm	1

Écrou Nylock M3	3
Rondelle de 3 mm	3
Vis à tête bombée 3 x 12 mm	2
Vis à tête bombée 3 x 10 mm	1
Vis autotaraudeuse 2 x 13 mm	6
Vis d'assemblage creuse 2 x 12 mm	6
Écrou M2	6



Percez un trou de 3 mm



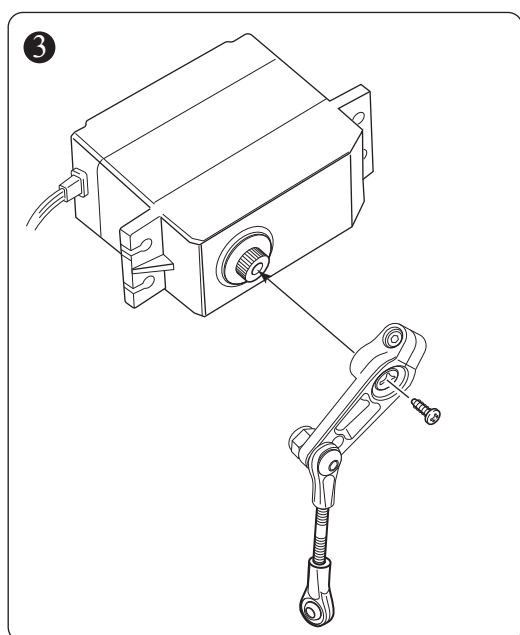
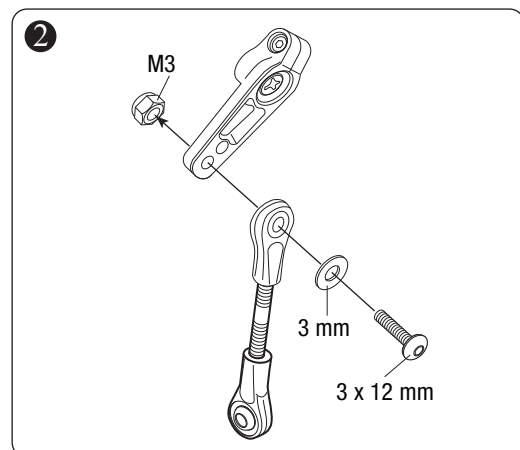
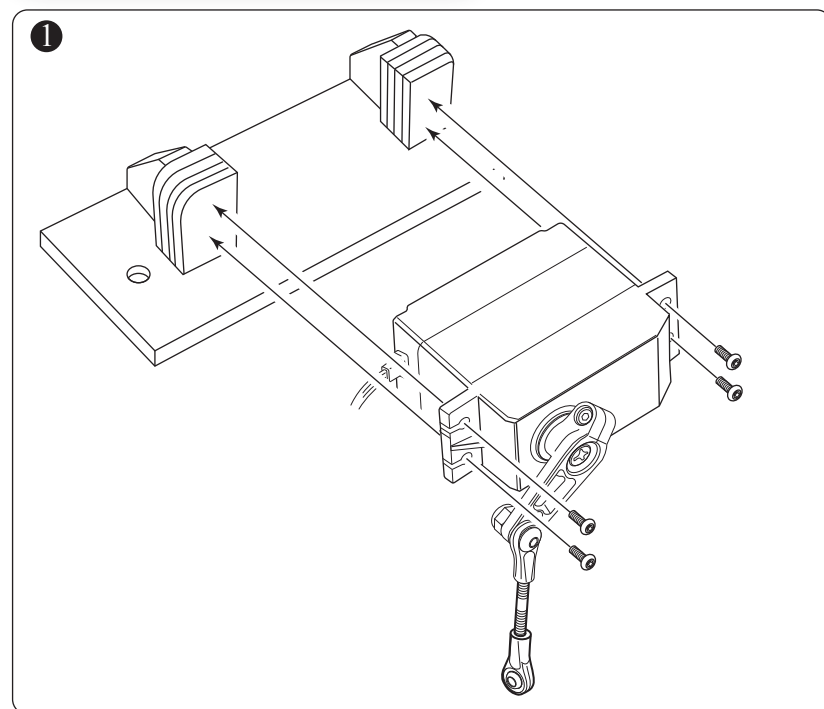
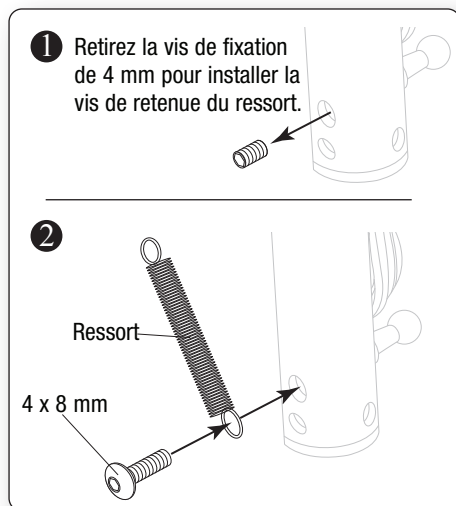
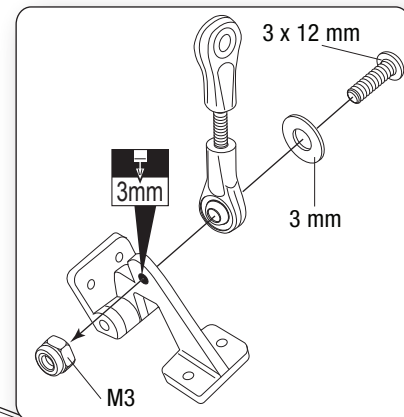
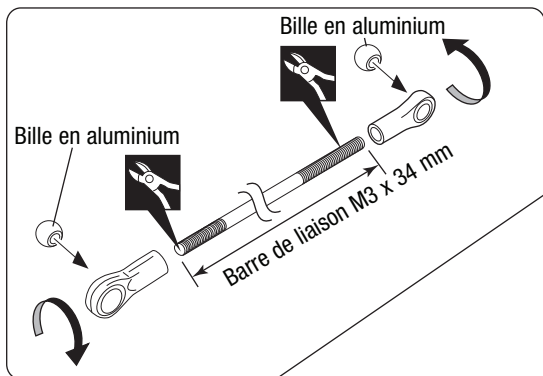
Utilisez un adhésif structural tel que la colle époxy DLM Aero Tech.



Supprimez la partie ombrée



Assurez-vous que les tringleries se déplacent facilement pendant l'assemblage. Assurez-vous que les charnières sont correctement fixées avant de continuer.



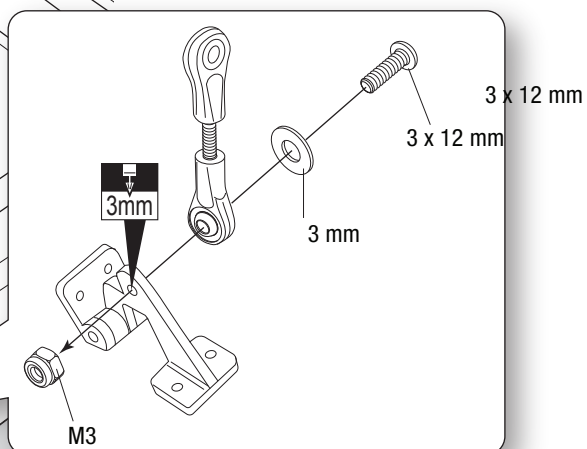
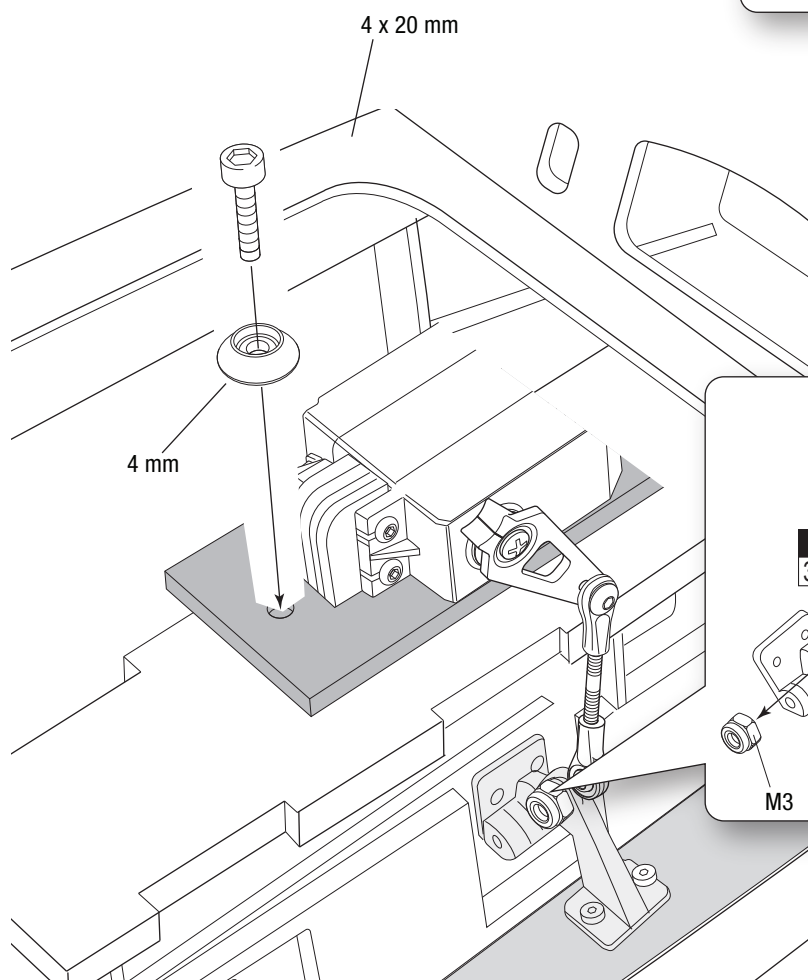
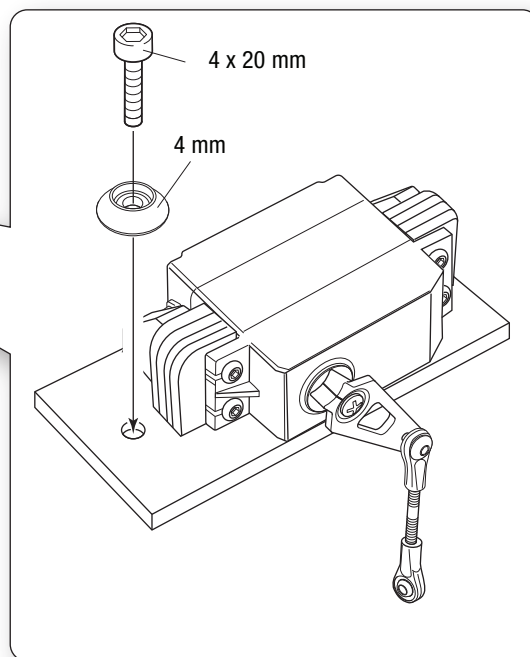
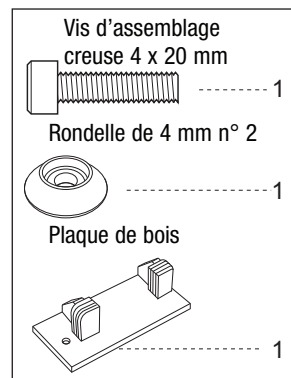
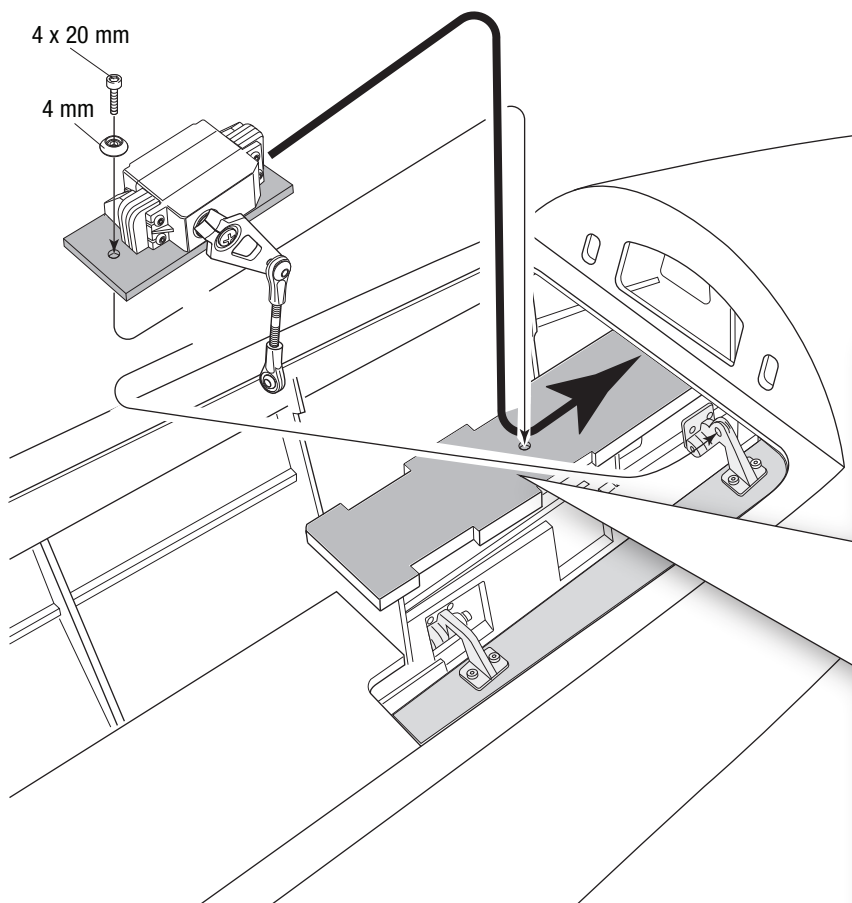
Coupez l'excédent



Percez un trou de 3 mm

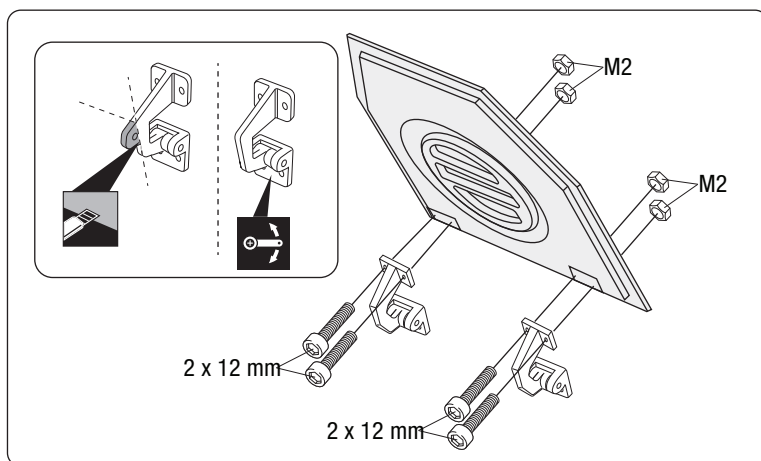


Assemblez dans l'ordre spécifié



Percez un trou de 3 mm

INSTALLATION DES TRAPPES DU TRAIN PRINCIPAL



Vis à tête bombée 3 x 12 mm

4

Vis à tête bombée 3 x 10 mm

2

Rondelle de 3 mm

4

Écrou Nylock M3

4

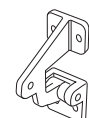
Barre de liaison M3 x 30 mm

2



Charnières en plastique n° 8

2



Bille en aluminium

4



8



8

Vis d'assemblage creuse 2 x 12 mm



8

Écrou M2



8

Vis autotaraudeuse 2 x 13 mm



8

Vis autotaraudeuse 2,5 x 12 mm



8

Servos A5070

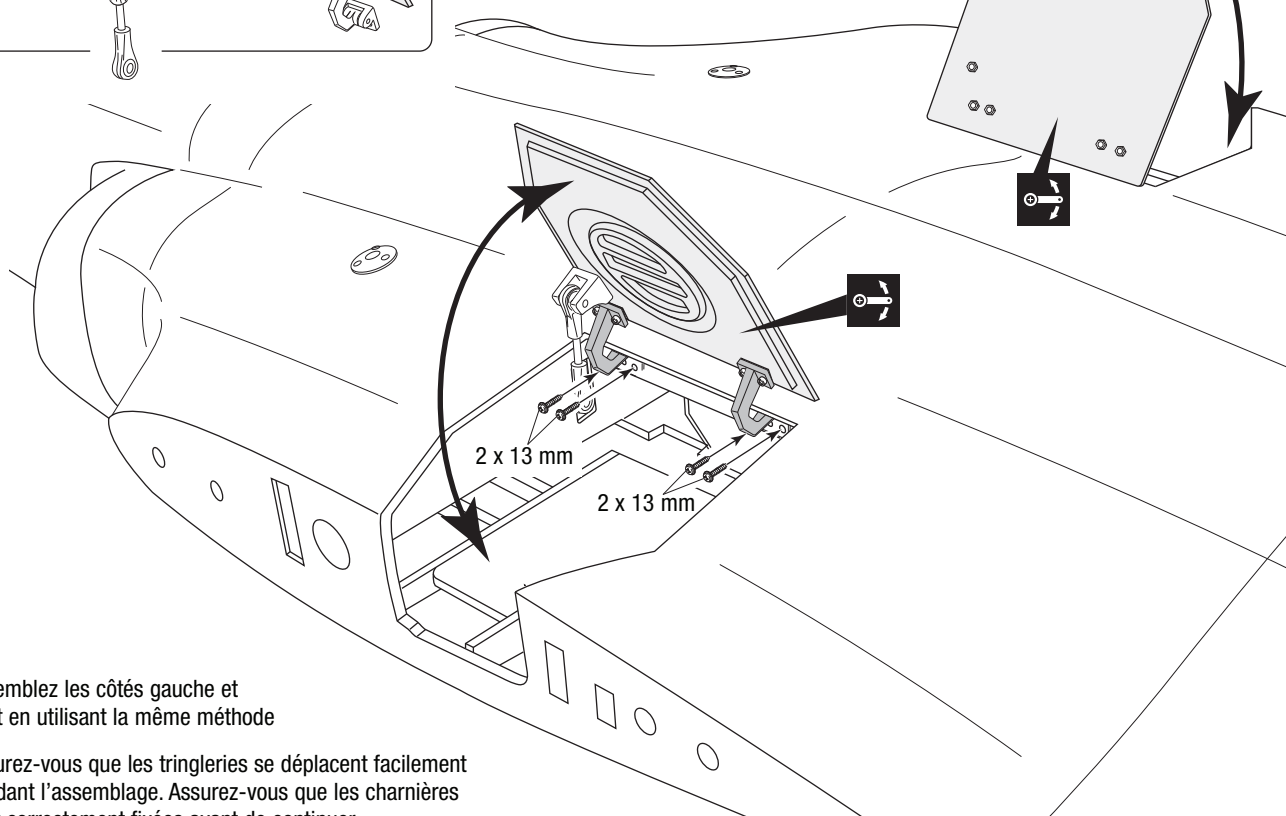
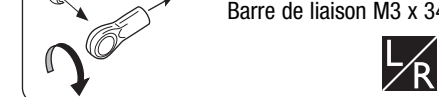
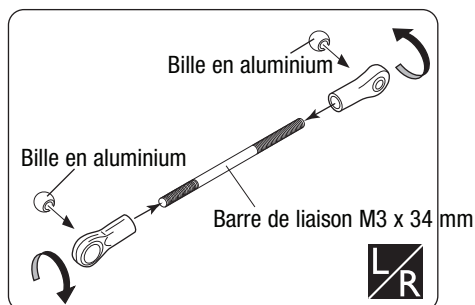
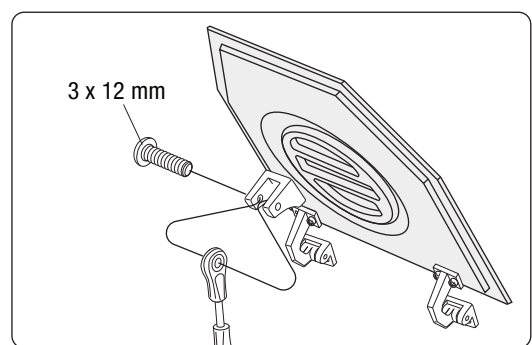
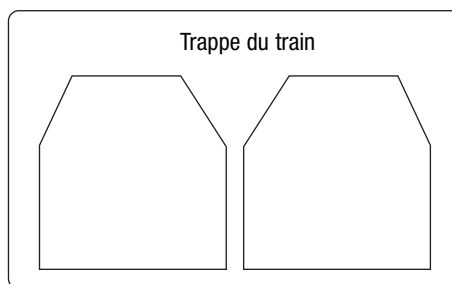
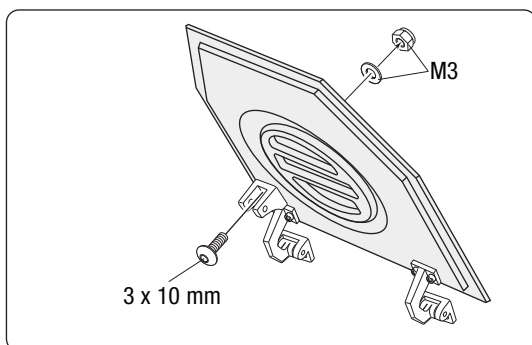


2

Bras de servo 3,8 cm (1,5 po)



2



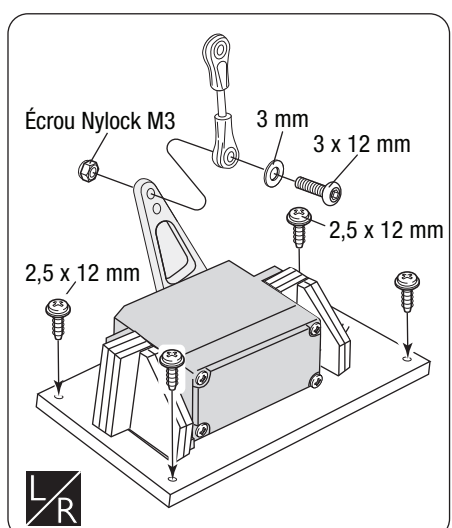
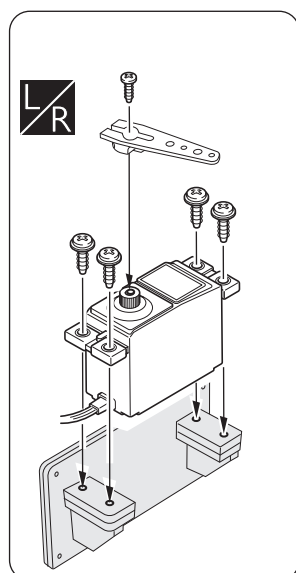
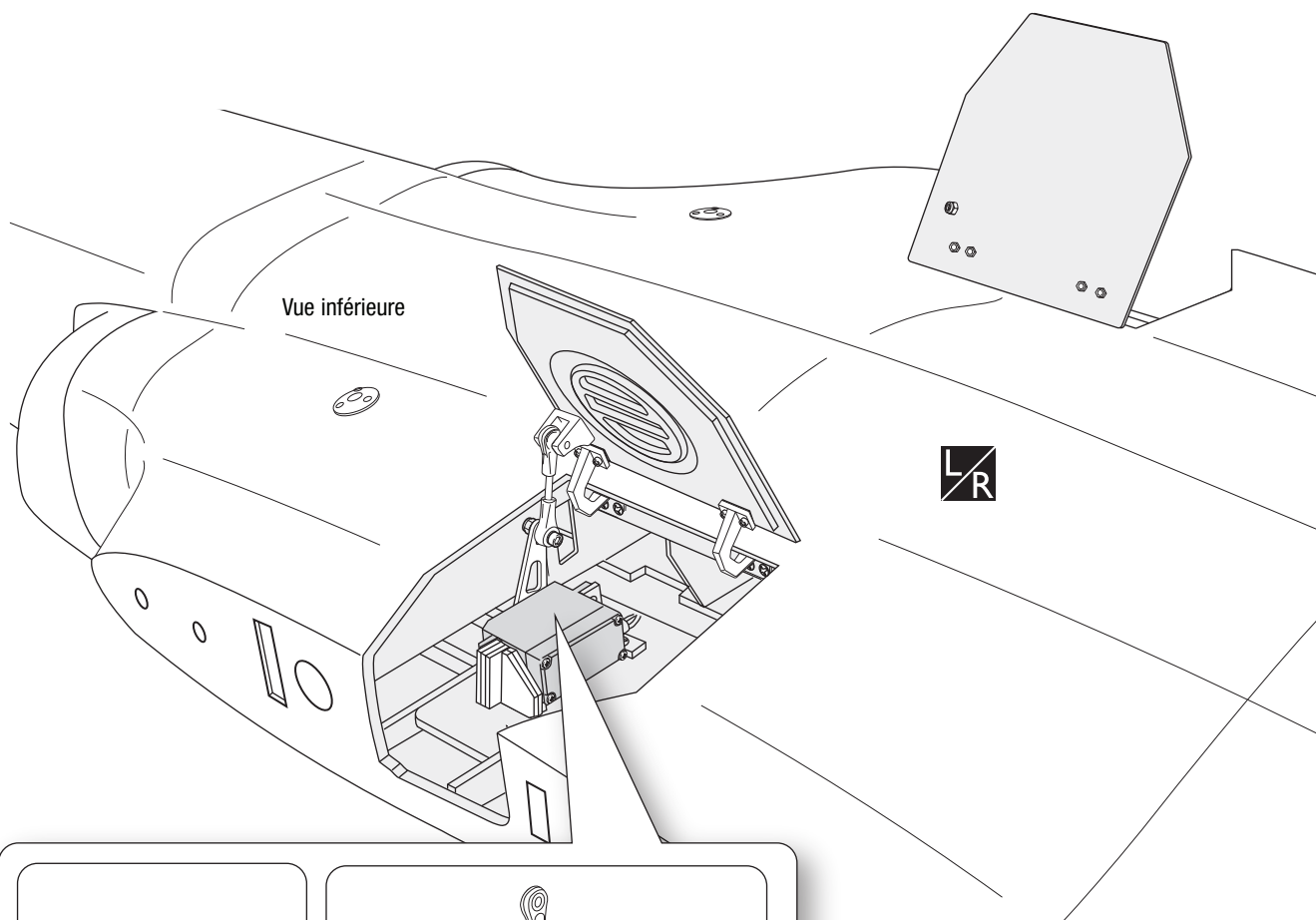
Assemblez les côtés gauche et droit en utilisant la même méthode



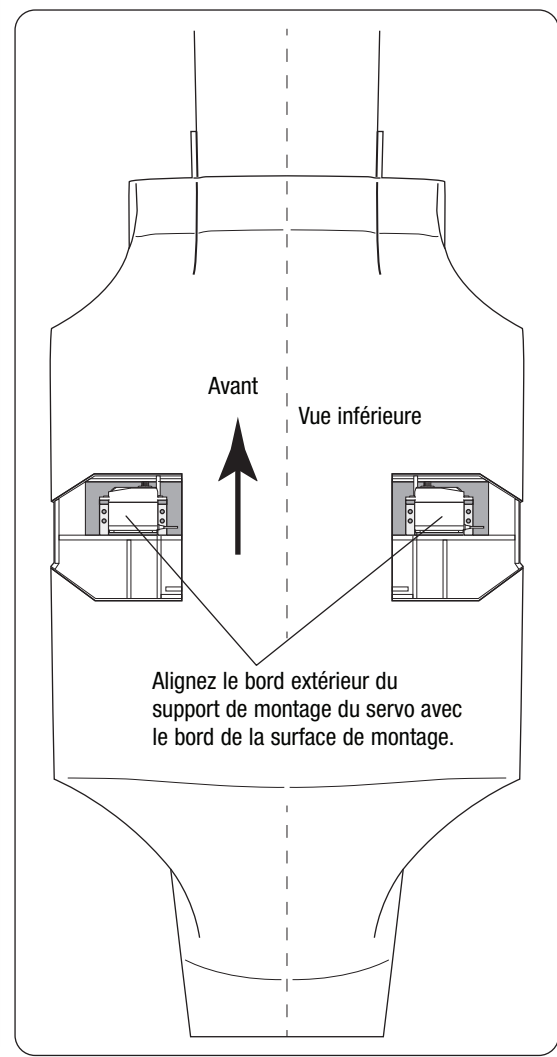
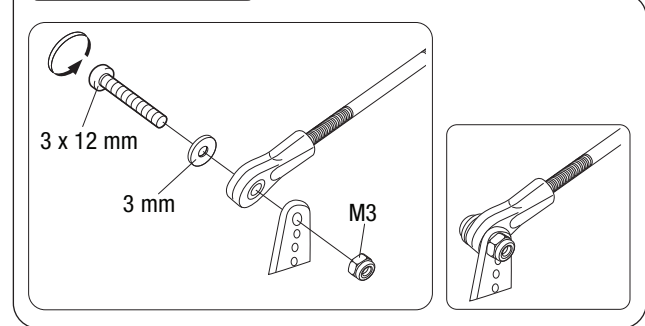
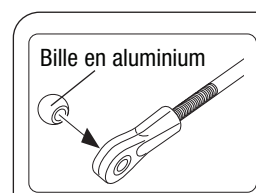
Assurez-vous que les tringleries se déplacent facilement pendant l'assemblage. Assurez-vous que les charnières sont correctement fixées avant de continuer.



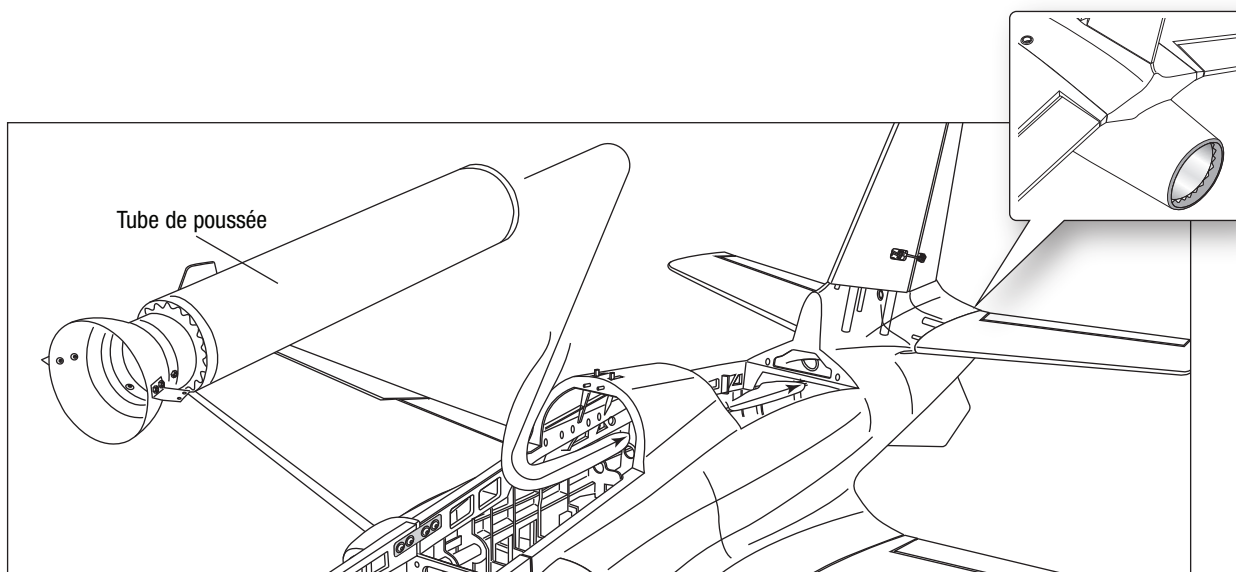
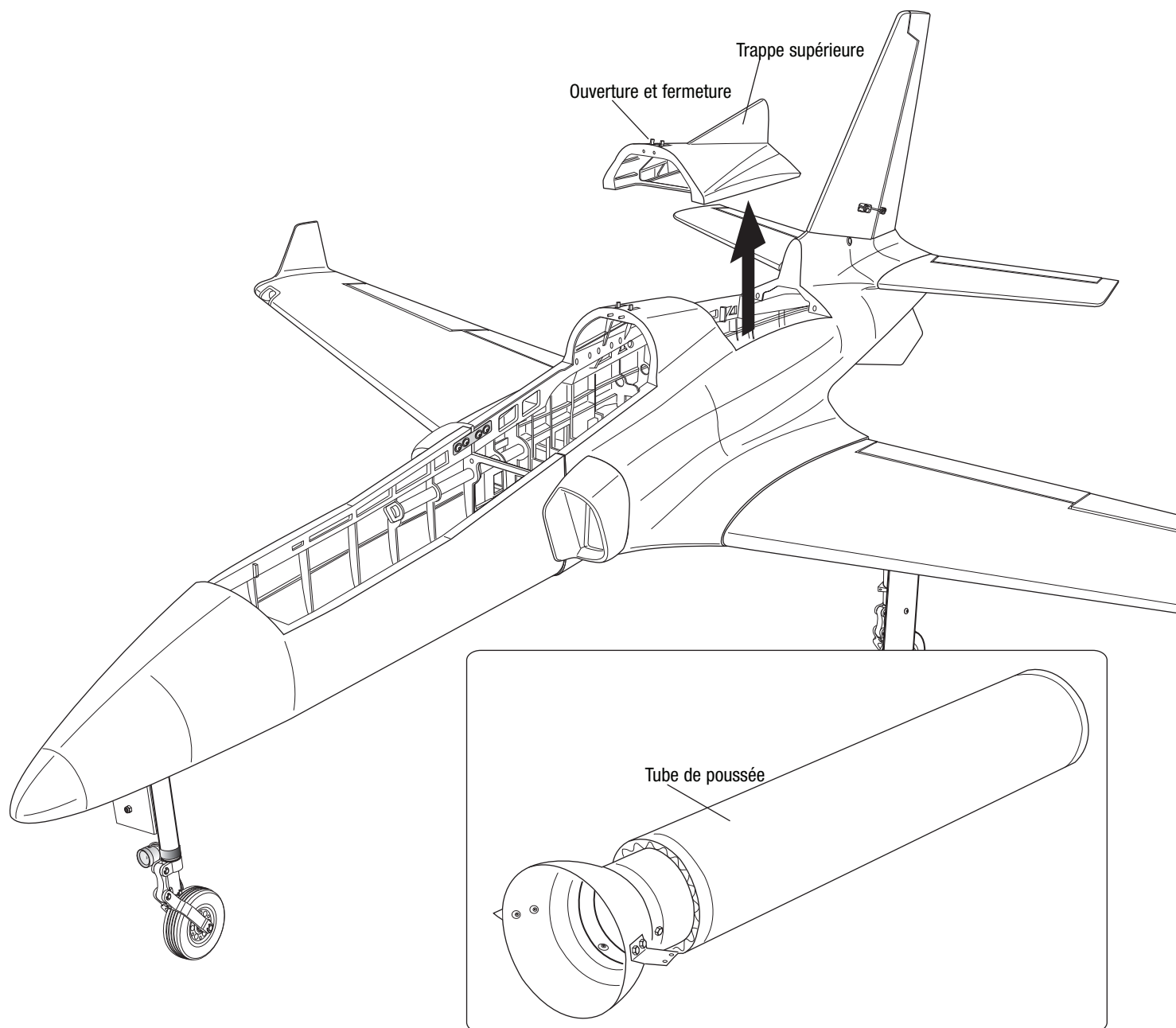
Supprimez la partie ombrée



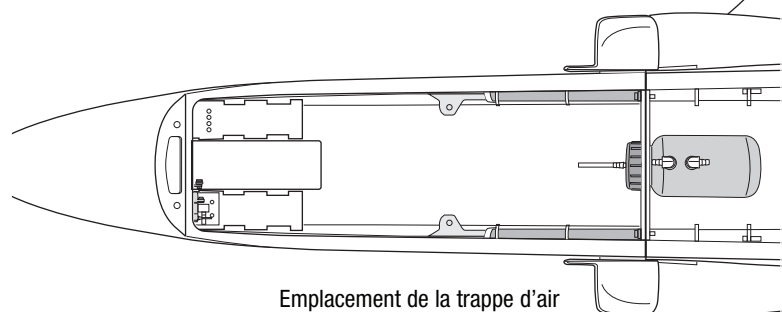
IMPORTANT : avant de percer les trous de guidage pour les vis autotaraudeuses, placez une pièce de rebut sous la surface de montage du support de servo afin d'éviter de percer la surface extérieure de l'aile.



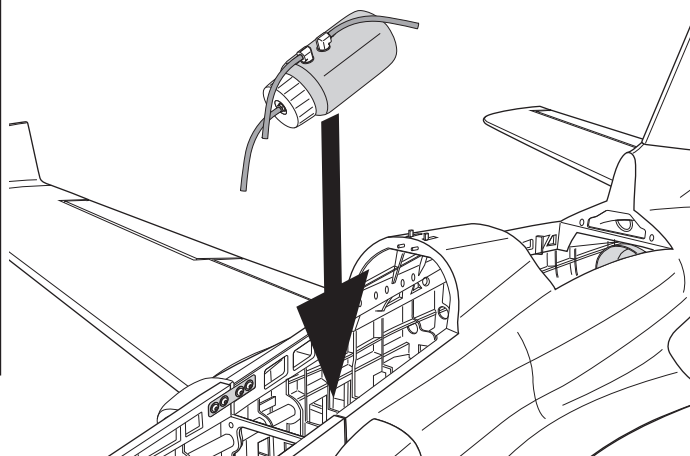
L/R Assemblez les côtés gauche et droit en utilisant la même méthode



Vue du dessus



Installation de la trappe d'air



Plongeur

1

Bouchon du réservoir de carburant

1

Réservoir de carburant

1

Bouchon en caoutchouc

1

Plaque d'appui

1

Tuyau de carburant 4 x 60 mm

2

Tuyau de carburant 4 x 120 mm

1

Vis d'assemblage creuse 3 x 25 mm

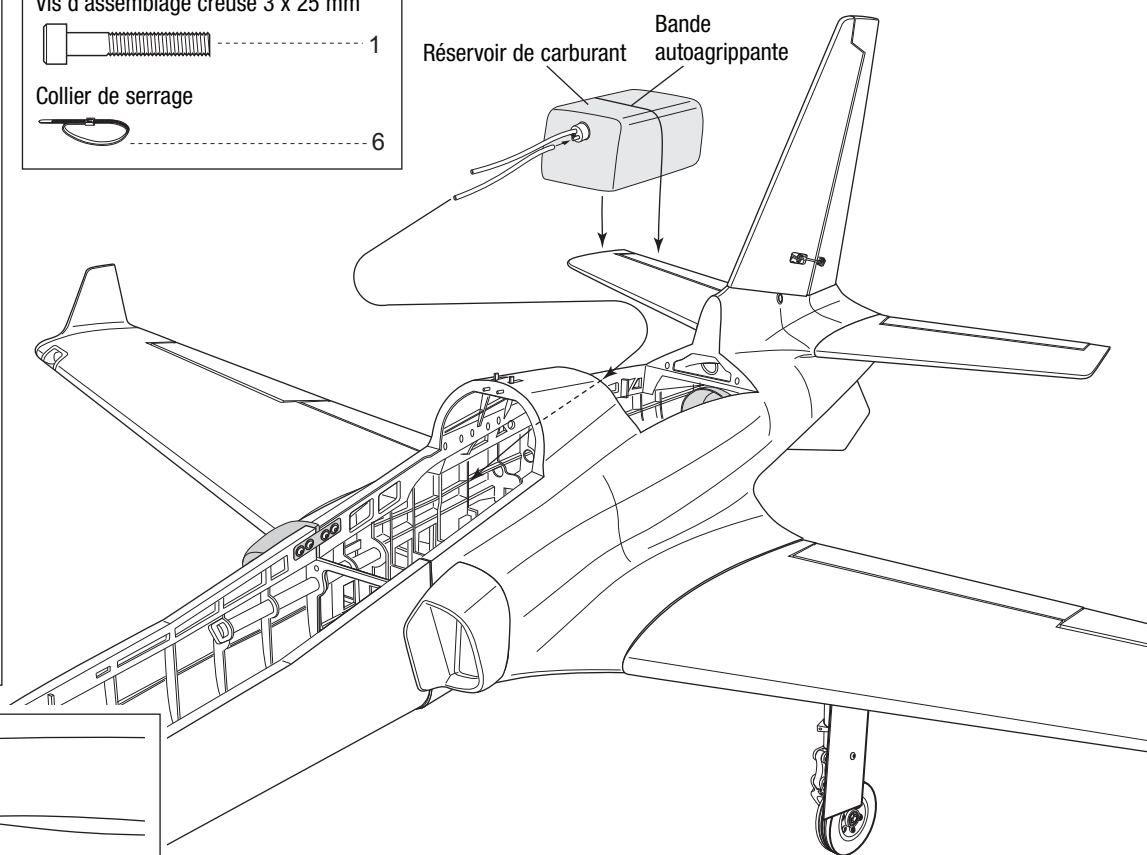
1

Collier de serrage

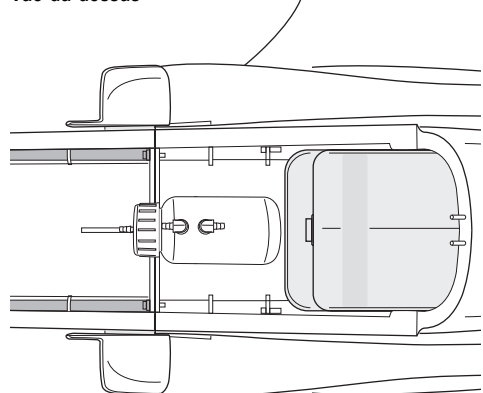
6

Installation du réservoir de carburant principal

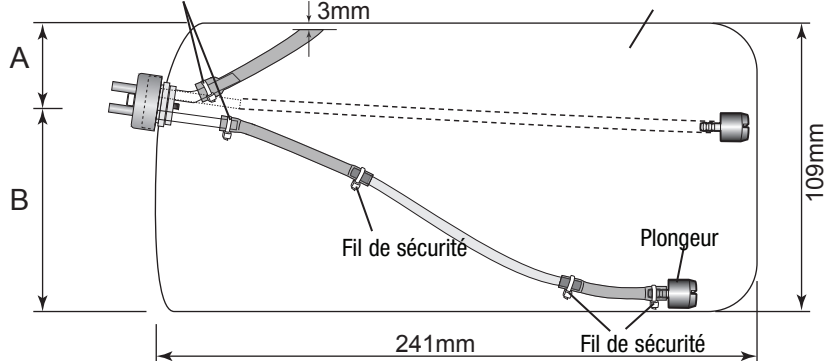
Réservoir de carburant
Bande autoagrippante



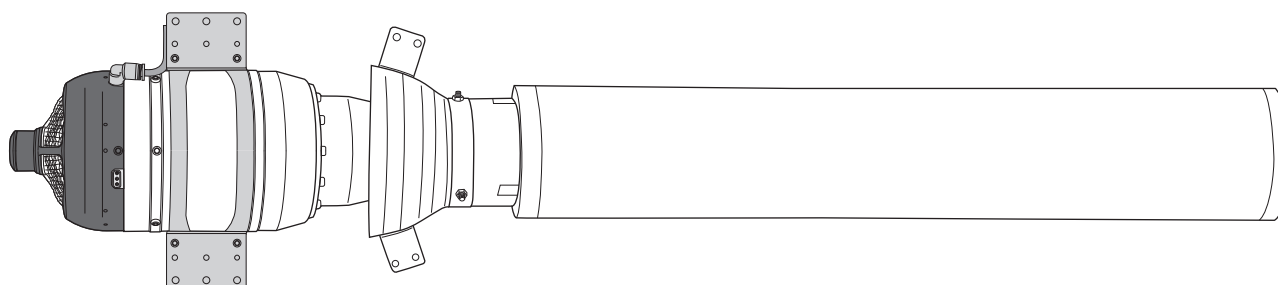
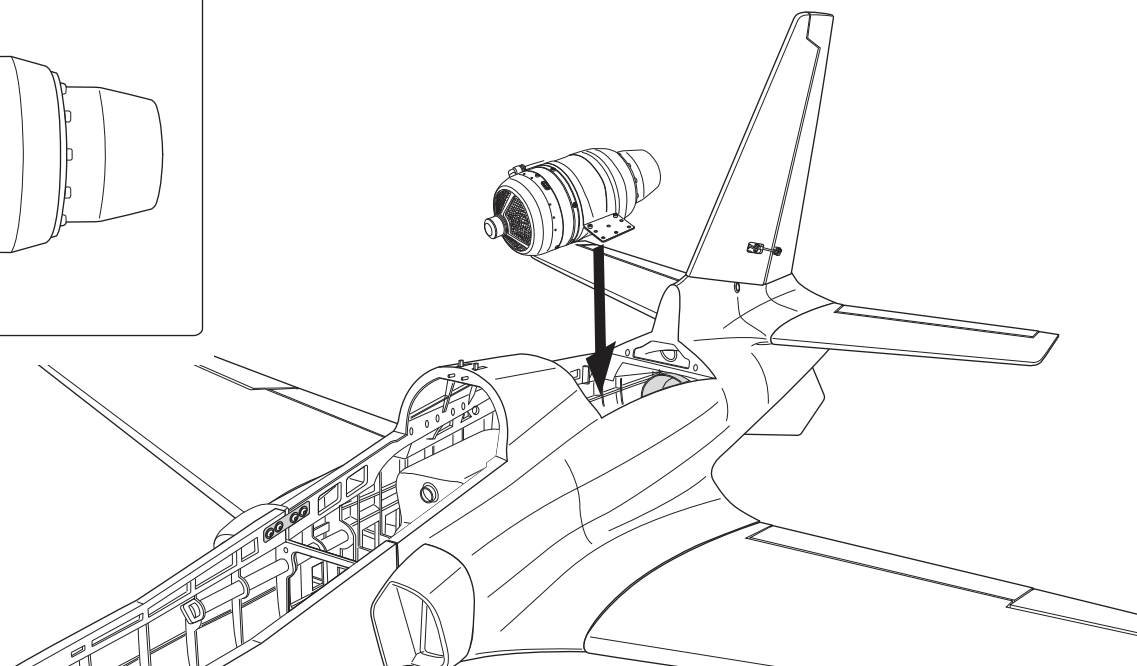
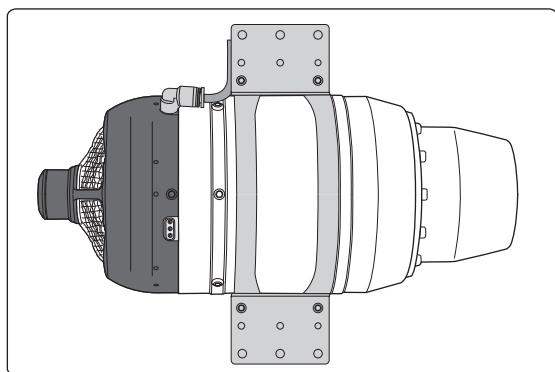
Vue du dessus



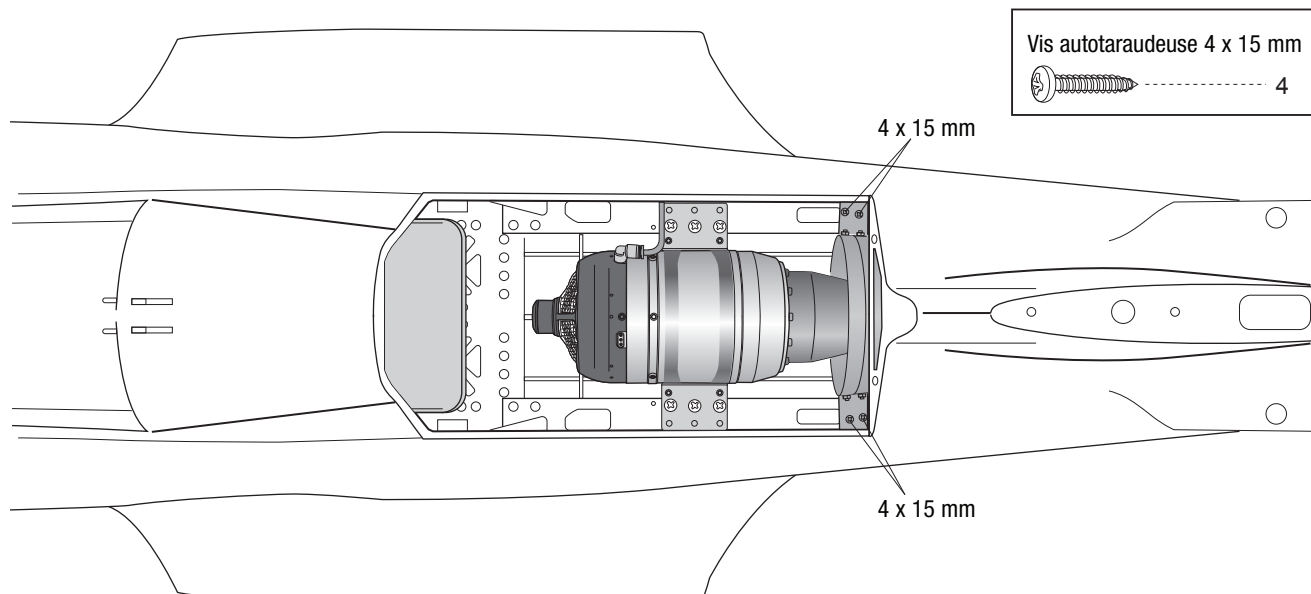
Réservoir de carburant principal
Fil de sécurité

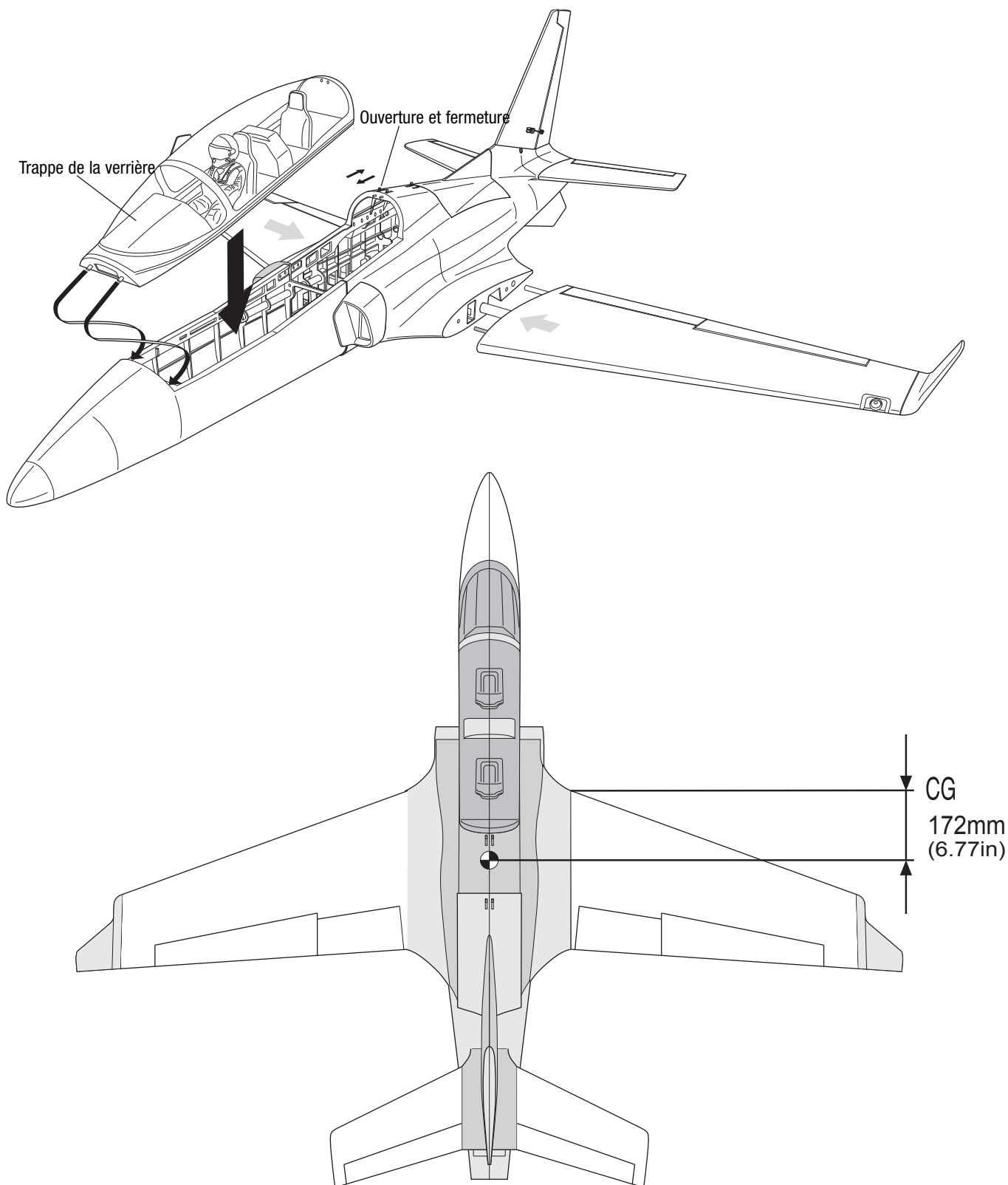


Assurez-vous que le plongeur peut bouger librement dans toutes les directions et qu'il ne peut pas se coincer.



Réglez l'écart entre l'extrémité de la turbine et l'avant du tube de poussée en suivant les recommandations du fabricant de la turbine.





Le maintien de la maquette en équilibre est une étape importante de la préparation du vol de l'avion. La plage du centre de gravité (CG) fournie ici est une référence basée sur des tests. Il est possible de s'écarter des mesures fournies. Cela peut vous permettre d'obtenir une maquette mieux adaptée à votre style de vol. Commencez avec le centre de gravité recommandé, puis n'hésitez pas à essayer d'autres points d'équilibre. Soyez prudent lorsque vous modifiez le CG.

1. Assemblez la maquette et préparez-la à voler. Veillez à bien connecter les fils aux fils appropriés du récepteur. Vérifiez que les fils ne sont pas pincés ou exposés avant de serrer les éléments de fixation. Votre maquette doit être prête pour le vol avant la mise en équilibre.
2. La meilleure façon de vérifier le centre de gravité est d'observer le poids du modèle sur chaque roue. Cela peut être effectué à l'aide d'un ensemble de poids et d'équilibrage dédié, ou à l'aide d'une balance et de deux entretoises.

3. Lorsque vous équilibrez votre maquette, assurez-vous qu'elle est assemblée et qu'elle est prête pour le vol.

COUDES DE COMMANDE

- 1. Mettez l'émetteur et le récepteur de votre maquette sous tension. Vérifiez le mouvement de la gouverne de direction à l'aide de l'émetteur. Lorsque le manche se déplace vers la droite, la gouverne de direction doit également se déplacer vers la droite. Inversez le sens du servo au niveau de l'émetteur le cas échéant.
- 2. Vérifiez le mouvement de la gouverne de profondeur à l'aide du système radio. Actionner le manche de la gouverne de profondeur vers le bas de l'émetteur fait monter la gouverne de profondeur de l'avion.
- 3. Vérifiez le mouvement des ailerons à l'aide du système radio. Actionner le manche des ailerons vers la droite fait monter l'aileron droit et descendre l'aileron gauche.
- 4. Utilisez une règle pour ajuster le coude de la gouverne de profondeur, des ailerons et de la gouverne de direction.

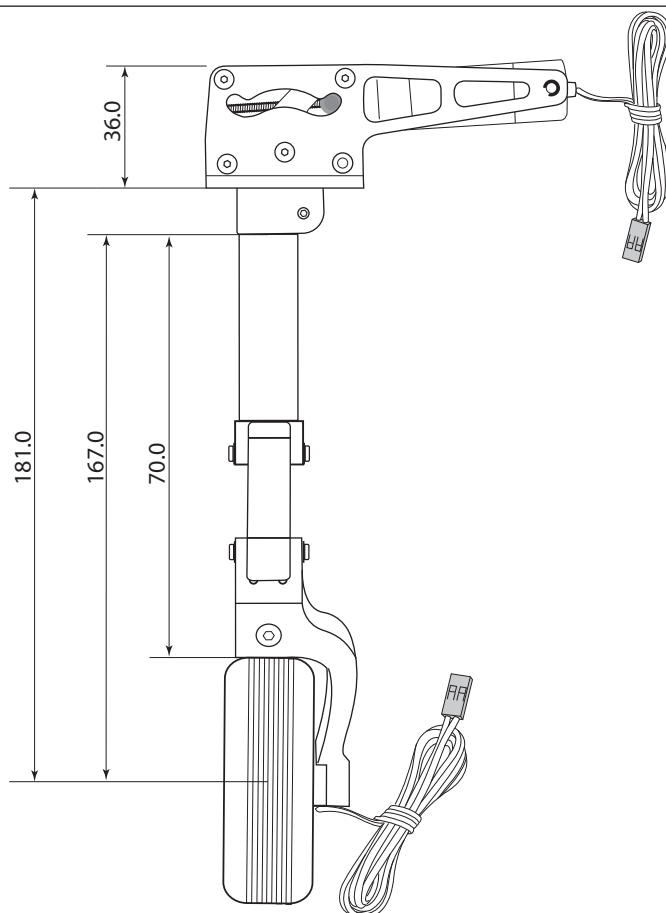
Crow en option : Ailerons relevés de 10 mm en position volet complètement sorti.

Surface	Rate (Débattement)	Exponential (Exponentielle)	Direction	Throw (Coude)
Aileron	High (Élevé)	24 %	Up (Haut)	25mm
			Down (Bas)	25mm
	Low (Bas)	6 %	Up (Haut)	18mm
			Down (Bas)	18mm
Gouverne de profondeur	High (Élevé)	24 %	Up (Haut)	32mm
			Down (Bas)	32mm
	Low (Bas)	6 %	Up (Haut)	24mm
			Down (Bas)	24mm
Gouverne de direction	High (Élevé)	24 %	Left (Gauche)	55mm
			Right (Droite)	55mm
	Low (Bas)	6 %	Left (Gauche)	35mm
			Right (Droite)	35mm
Volets			Partial (Partiel)	35mm
			Full (Complet)	55mm

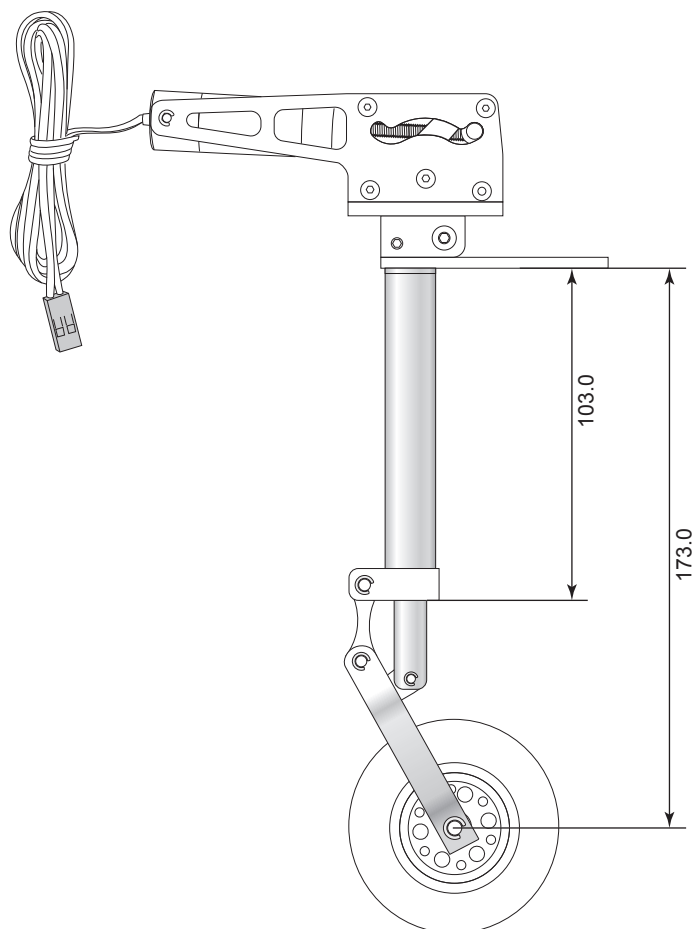
Il s'agit de recommandations issues de nos tests en vol. Vous pouvez essayer des taux supérieurs ou inférieurs en fonction de votre style de vol.

Réaffectez toujours le système radio une fois que tous les coudes de commande sont fixés pour éviter que les servos ne se déplacent à leurs extrémités avant que l'émetteur et le récepteur ne soient connectés.

Train d'atterrissage principal



Train avant



LISTE DE CONTRÔLES AVANT LE DÉCOLLAGE

- Chargez l'émetteur, le récepteur et les batteries du moteur. Suivez les instructions fournies avec le chargeur. Suivez toutes les instructions du fabricant pour vos composants électroniques.
- Vérifiez l'installation de la radio et assurez-vous que toutes les surfaces de commande (aileron, gouverne de profondeur, gouverne de direction et volets) bougent correctement (c'est-à-dire dans la bonne direction et avec les amplitudes recommandées).
- Vérifiez l'ensemble des éléments de fixation (guignols de commande, bras de servo et manilles) pour s'assurer qu'ils sont bien fixés et en bon état.
- Avant chaque session de vol (et en particulier avec un nouveau modèle), vérifiez la portée de votre système radio. Consultez le manuel de votre radio pour connaître la portée et les instructions recommandées pour votre système radio particulier.

VÉRIFICATIONS QUOTIDIENNES AVANT LE VOL

- Vérifiez la tension de la batterie de l'émetteur. Ne volez pas en dessous de la tension recommandée par le fabricant. Cela pourrait entraîner un écrasement de votre appareil.
- Vérifiez l'ensemble du matériel (tringleries, vis, écrous et boulons) avant chaque session de vol quotidienne. Assurez-vous qu'il n'y a pas de grippage et que toutes les pièces sont correctement fixées.
- Assurez-vous que toutes les surfaces se déplacent correctement.
- Effectuez un contrôle de portée au sol avant chaque session de vol quotidienne.
- Tous les fils de servo et les prises du faisceau du commutateur devraient être fixés dans le récepteur.

GARANTIE LIMITÉE

Ce que couvre la présente garantie

Horizon Hobby, LLC (Horizon) garantit à l'acheteur initial que le produit acheté (le « Produit ») est exempt de tout défaut de matériaux et de fabrication à la date d'achat.

Ce qui n'est pas couvert

La présente garantie n'est pas transférable et ne couvre pas (i) les dommages esthétiques, (ii) les dommages résultant d'un cas de force majeure, d'un accident, d'une mauvaise utilisation, d'un usage abusif, d'une négligence ou d'une utilisation à des fins commerciales, ni les dommages résultant d'une utilisation, d'une installation, d'un fonctionnement ou d'un entretien inappropriés, (iii) la modification de tout ou partie du Produit, (iv) toute tentative d'entretien non effectuée dans un centre d'entretien agréé par Horizon Hobby, (v) les Produits non achetés auprès d'un revendeur Horizon agréé, (vi) les Produits non conformes aux réglementations techniques applicables, ou (vii) toute utilisation enfreignant les lois, règles ou réglementations en vigueur.

À L'EXCEPTION DE LA GARANTIE EXPRESSE CI-DESSUS, HORIZON N'OFFRE AUCUNE AUTRE GARANTIE OU REPRÉSENTATION ET DÉCLINE PAR LA PRÉSENTE TOUTE GARANTIE IMPLICITE, Y COMPRIS, SANS S'Y LIMITER, LES GARANTIES IMPLICITES DE NON-CONTREFAÇON, DE QUALITÉ MARCHANDE ET D'ADÉQUATION À UN USAGE PARTICULIER. IL EST DE LA SEULE RESPONSABILITÉ DE L'ACHETEUR DE VÉRIFIER SI LE PRODUIT CORRESPOND À SES CAPACITÉS ET À L'UTILISATION PRÉVUE.

Recours de l'acheteur

La seule obligation de Horizon et le seul et unique recours de l'acheteur consistent en (i) la réparation ou (ii) le remplacement de tout Produit qu'Horizon juge défectueux, à sa discrétion. Horizon se réserve le droit d'inspecter tout Produit faisant l'objet d'une demande de réparation sous garantie. Les décisions en matière de réparation ou de remplacement sont à l'entière discrétion de Horizon. Une preuve d'achat est exigée pour toute demande de réparation sous garantie. EN VERTU DE CETTE GARANTIE, LA RÉPARATION ET LE REMPLACEMENT DU PRODUIT SONT LES SEULS ET UNIQUES RECOURS DE L'ACHETEUR.

Limitation de responsabilité

HORIZON NE PEUT ÊTRE TENUE RESPONSABLE DES DOMMAGES SPÉCIAUX, INDIRECTS, ACCESSOIRES OU CONSÉCUTIFS, DES PERTES DE PROFITS OU DE PRODUCTION OU DES PERTES COMMERCIALES DE QUELQUE MANIÈRE QUE CE SOIT, QUE LA RÉCLAMATION SOIT FONDÉE SUR UN CONTRAT, UNE GARANTIE, UN DÉLIT, UNE NÉGLIGENCE, UNE RESPONSABILITÉ STRICTE OU TOUTE AUTRE THÉORIE DE LA RESPONSABILITÉ, MÊME SI HORIZON A ÉTÉ INFORMÉE DE LA POSSIBILITÉ DE TELS DOMMAGES. Par ailleurs, Horizon n'acceptera pas de recours issus d'un cas de garantie lorsque ces recours dépassent la valeur unitaire du Produit. Horizon n'exerce aucun contrôle sur l'utilisation, l'installation, le montage final, la modification ou la mauvaise utilisation du Produit et ne saurait être tenue responsable pour tout préjudice ou dommage en résultant. L'utilisateur accepte toute responsabilité résultant de l'utilisation, de l'installation

ou de l'assemblage du produit. Si vous n'êtes pas prêt, en tant qu'acheteur ou utilisateur, à accepter ces responsabilités en relation avec l'utilisation du Produit, nous vous demandons de restituer au vendeur le Produit, non utilisé et dans son emballage d'origine.

Droit applicable

Les présentes conditions d'utilisation sont soumises au droit de l'Illinois, États-Unis (sans égard aux principes des conflits de lois). Cette garantie vous donne des droits spéciaux, et vous pouvez également avoir d'autres droits, qui varient en fonction des États. Horizon se réserve le droit de modifier la présente garantie à tout moment et sans préavis.

RÉPARATIONS SOUS GARANTIE

Questions, assistance et services

Votre revendeur spécialisé local et le point de vente ne peuvent vous fournir un service ou une assistance sous garantie. Une fois que vous avez commencé à assembler, monter ou utiliser le Produit, vous devez directement contacter votre distributeur local ou Horizon. Cela permettra à Horizon de mieux répondre à vos questions et de vous offrir ses services dans le cas où vous auriez besoin d'une assistance. Si vous avez des questions ou avez besoin d'une assistance, veuillez vous rendre sur notre site Internet www.horizonhobby.com et envoyer une demande au service après-vente ou appeler le numéro de téléphone gratuit indiqué dans la section Informations de contact du service et de la garantie pour parler avec un représentant du service après-vente.

Inspections ou réparations

Si le Produit a besoin d'être inspecté ou réparé et est légal dans le pays où vous habitez et l'utilisez, veuillez suivre la procédure d'envoi de demande de réparation en ligne de Horizon disponible sur notre site Internet ou appeler Horizon pour obtenir un numéro d'autorisation de retour de marchandise (NAR). Emballez le Produit soigneusement dans un carton d'expédition. Veuillez noter que le Produit peut être fourni avec un carton d'emballage, mais que celui-ci n'est pas conçu pour résister aux conditions d'envoi sans protection supplémentaire. Pour envoyer le colis, veuillez faire appel aux services d'un transporteur fournissant un suivi et une assurance contre la perte ou les dommages pouvant survenir pendant le transport. Horizon ne sera tenue responsable de la marchandise que lorsque celle-ci nous sera livrée et sera acceptée dans nos locaux. Un formulaire de demande de réparation en ligne est disponible sur http://www.horizonhobby.com/content/service-center_render-service-center. Si vous n'avez pas accès à Internet, veuillez contacter le service après-vente de Horizon pour obtenir un numéro d'autorisation de retour de marchandise ainsi que des instructions pour envoyer votre produit en réparation. Lorsque vous appelez Horizon, il vous sera demandé de donner votre nom complet, votre adresse postale, votre adresse électronique et un numéro de téléphone auquel vous êtes joignable pendant les heures de bureau. Lorsque vous envoyez un produit à Horizon, veuillez inclure votre numéro d'autorisation de retour de marchandise, une liste des articles envoyés ainsi qu'une brève description du problème. Veuillez également inclure une copie de la facture d'achat d'origine pour pouvoir bénéficier de la garantie. Assurez-vous que votre nom, votre adresse et votre numéro d'autorisation de retour de marchandise sont clairement indiqués sur le carton d'expédition.

REMARQUE : n'envoyez pas de batteries Li-Po à Horizon. Si vous rencontrez des problèmes avec une batterie Li-Po, veuillez contacter le service après-vente Horizon concerné.

Conditions de garantie

Pour pouvoir bénéficier de la garantie, vous devez inclure la facture originale attestant de la date d'achat. Si les conditions de la garantie sont remplies, votre produit sera réparé ou remplacé gratuitement. Les décisions en matière de réparation ou de remplacement sont à l'entière discrétion de Horizon.

Réparations non couvertes par la garantie

Horizon effectuera les réparations non couvertes par la garantie et un paiement sera exigé sans préavis ou devis, à moins que les frais dépassent le prix d'achat de 50 %. En envoyant l'article en réparation, vous acceptez de payer

INFORMATIONS DE CONTACT DU SERVICE ET DE LA GARANTIE

Pays d'achat	Horizon Hobby	Informations de contact	Adresse
États-Unis d'Amérique	Horizon Service Center (Repairs and Repair Requests)	servicecenter.horizonhobby.com/RequestForm/	2904 Research Road Champaign, IL 61822
	Horizon Product Support (Product Technical Assistance)	productsupport@horizonhobby.com 877-504-0233	
	Sales	websales@horizonhobby.com	
		800-338-4639	
Union européenne	Horizon Technischer Service	service@horizonhobby.eu	Hanskampring 9 D 22885 Barsbüttel, Allemagne
	Sales : Horizon Hobby GmbH	+49 (0) 4121 2655 100	

NOTE DEEE



L'étiquette de cet appareil respecte la directive européenne 2012/19/UE en matière de déchets des équipements électriques et électroniques (DEEE). Cette étiquette indique que ce produit ne doit pas être jeté avec les déchets ménagers, mais déposé dans une installation appropriée afin de permettre sa récupération et son recyclage.

AVVISO

Tutte le istruzioni, garanzie e altri documenti collaterali sono soggetti a modifica a esclusiva discrezione di Horizon Hobby, LLC. Per la documentazione aggiornata del prodotto, visitare horizonhobby.com oppure towerhobbies.com e cliccare sulla scheda relativa all'assistenza o alle risorse per il relativo prodotto.

SIGNIFICATO DEI TERMINI PARTICOLARI

In tutta la documentazione relativa al prodotto sono utilizzati i seguenti termini per indicare vari livelli di potenziale pericolo durante il funzionamento:

AVVERTENZA: Procedure che, se non debitamente seguite, espongono alla possibilità di danni alla proprietà fisica o possono comportare un'elevata possibilità di provocare ferite superficiali. Ulteriori precauzioni per la sicurezza e avvertenze.

ATTENZIONE: Procedure che, se non sono seguite correttamente, possono creare danni materiali e possibili gravi lesioni.

AVVISO: Procedure che, se non sono seguite correttamente, possono creare danni materiali e nessuna o scarsa possibilità di lesioni.

AVVERTENZA: Leggere TUTTO il manuale di istruzioni e prendere familiarità con le caratteristiche del prodotto, prima di farlo funzionare. Un utilizzo scorretto del prodotto può causare danni al prodotto stesso, alle persone o alle cose, provocando gravi lesioni.

Questo è un prodotto di hobbistica sofisticato e NON un giocattolo. È necessario farlo funzionare con cautela e responsabilità e avere conoscenze basilari di meccanica. Se questo prodotto non è utilizzato in maniera sicura e responsabile potrebbero verificarsi lesioni o danni al prodotto stesso o ad altre proprietà. Non è un prodotto adatto a essere utilizzato dai bambini senza la diretta supervisione di un adulto. Non usare componenti non compatibili o alterare il prodotto in nessuna maniera al di fuori delle istruzioni fornite da Horizon Hobby, LLC. Questo manuale contiene le istruzioni per un funzionamento e una manutenzione sicuri. È fondamentale leggere e seguire tutte le istruzioni e le avvertenze del manuale prima di montare, configurare o far funzionare il Prodotto, al fine di utilizzarlo correttamente e di evitare danni o lesioni gravi.

MINIMO 14 anni. Non è un giocattolo.

AVVERTENZE E PRECAUZIONI DI SICUREZZA

Leggere e seguire tutte le istruzioni e le precauzioni di sicurezza prima dell'uso. L'uso improprio può provocare incendi, lesioni gravi e danni alle cose.

Componenti

Utilizzare solo componenti compatibili. In caso di dubbi sulla compatibilità, fare riferimento alle istruzioni del prodotto, alle istruzioni dei componenti o contattare l'ufficio Horizon Hobby competente.

Volo

Per garantire la sicurezza, volare solo in aree aperte. Si raccomanda di volare su campi di volo per modelli radiocomandati. Consultare le normative locali prima di scegliere dove volare.

Turbina

Tenere sempre lontano dalle prese d'aria tutto ciò che potrebbe essere ingerito dalla turbina. Questo include indumenti non aderenti e qualunque piccolo oggetto.

Batterie

Seguire sempre le istruzioni del produttore per l'uso e lo smaltimento delle batterie. L'uso improprio delle batterie LiPo può provocare incendi con conseguenti lesioni e danni gravi.

Parti di piccole dimensioni

Questo kit contiene parti di piccole dimensioni e non deve essere lasciato incustodito in prossimità di bambini per evitare il rischio di soffocamento e lesioni gravi.

RACCOMANDAZIONI PER IL FUNZIONAMENTO SICURO

- Ispezionare il modello prima di ogni volo per assicurarsi che sia in grado di volare.
- Prestare attenzione a qualsiasi altro utente di radiofrequenze che possa creare problemi di interferenze.
- Siate sempre cortesi e rispettosi delle altre persone presenti nell'area di volo selezionata.
- Scegliere un'area sgombra da ostacoli e sufficientemente grande per ospitare in sicurezza le proprie attività di volo.
- Assicurarsi che l'area sia sgombra da amici e spettatori prima di lanciare l'aereo.
- Prestare attenzione alle altre attività di volo che si svolgono nelle proprie vicinanze per evitare potenziali conflitti.
- Pianificare attentamente la traiettoria di volo prima del lancio.

PRIMA DI INIZIARE L'ASSEMBLAGGIO

- Rimuovere le parti dalla confezione.
- Ispezionare fusoliera, pannelli alari, timone e stabilizzatore per verificare che non siano danneggiati.
- Se si riscontrano parti danneggiate o mancanti, contattare il rivenditore.
- Caricare le batterie di trasmettente e ricevitore.
- Centrare trim e stick sulla trasmettente.
- Se la radio è di tipo computerizzato, creare una memoria per questo modello specifico.
- Eseguire il binding di trasmettente e ricevitore seguendo le istruzioni del sistema radio.

AVVISO: ripetere il binding dopo aver impostato tutte le corse dei comandi. Ciò impedirà ai servo di muoversi verso i rispettivi punti di fine corsa finché trasmettente e ricevitore non saranno connessi. In questo modo si garantisce anche che le impostazioni di inversione dei servo siano salvate nel sistema radio.

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PARTI DI RICAMBIO

No.	Descrizione
HAN-362501	Sezione anteriore della fusoliera: Viper 100N Turbine Jet
HAN-362502	Sezione posteriore della fusoliera: Viper 100N Turbine Jet
HAN-362503	Ala sinistra: Viper 100N Turbine Jet
HAN-362504	Ala destra: Viper 100N Turbine Jet
HAN-362505	Set stabilizzatori orizzontali con elevatori: Viper 100N Turbine Jet
HAN-362506	Stabilizzatore verticale e timone: Viper 100N Turbine Jet
HAN-362507	Tettuccio con finestratura: Viper 100N Turbine Jet
HAN-362508	Finestratura del tettuccio: Viper 100N Turbine Jet
HAN-362509	Portello turbina fusoliera: Viper 100N Turbine Jet
HAN-362510	Set di bulloneria per timone ed elevatori: Viper 100N Turbine Jet
HAN-362511	Set di viteria: Viper 100N Turbine Jet
HAN-362512	Set portelli carrello: Viper 100N Turbine Jet
HAN-362513	Giunzione fusoliera con bulloneria: Viper 100N Turbine Jet
HAN-362514	Baionette alari: Viper 100N Turbine Jet
HAN-362515	Baionette per stabilizzatore orizzontale e verticale: Viper 100N Turbine Jet
HAN-362516	Serbatoio carburante con bulloneria: Viper 100N Turbine Jet
HAN-362517	Borsa di trasporto per fusoliera: Viper 100N Turbine Jet
HAN-362518	Borsa di trasporto per ala: Viper 100N Turbine Jet
HAN-362519	Set cerniere: Viper 100N Turbine Jet
HAN-362520	Set di bulloneria per portelli carrello: Viper 100N Turbine Jet
HAN-362521	Set squadrette di comando: Viper 100N Turbine Jet
HAN-362522	Set di bulloneria ala: Viper 100N Turbine Jet
HAN-362523	Ugello di scarico con viti: Viper 100N Turbine Jet
HAN-362524	Controller digitale del carrello con accessori: Viper 100N Turbine Jet
HAN-362525	Ruota principale con freno (1): Viper 100N Turbine Jet
HAN-362526	Set ruote (3): Viper 100N Turbine Jet
HAN-362527	Gamba carrello anteriore: Viper 100N Turbine Jet
HAN-362528	Gamba carrello principale sinistra: Viper 100N Turbine Jet
HAN-362529	Gamba carrello principale destra: Viper 100N Turbine Jet
HAN-362530	Unità retrazione carrello anteriore: Viper 100N Turbine Jet
HAN-362531	Unità retrazione carrello principale (1): Viper 100N Turbine Jet
HAN-362532	Calottine luci di navigazione: Viper 100N Turbine Jet
HAN-362533	Telo riflettente parasole: Viper 100N Turbine Jet
HAN-362534	Kit luci LED: Viper 100N Turbine Jet
HAN-362535	Set alette ventrali: Viper 100N Turbine Jet
HAN-362536	Set winglet: Viper 100N Turbine Jet

NECESSARIO PER COMPLETARE

# richiesto	No.	Descrizione
1	KGTU150	Sifone KingTech 150cc
2	SPM-1057	Batterie per ricevitore Spektrum 2S 4000 mAh LiPo G2
1	SPM-1060	Batteria per ECU Spektrum 3S 3200 mAh LiFe
1	SPMAR20410T	Ricevitore Spektrum AR20410T
1	SPMAS6000	Modulo Synapse AS3X+
2	SPMA3003	Cavo prolunga servo: 300 mm impiego gravoso
3	SPMA3007	Cavo prolunga servo: 1200 mm impiego gravoso
1	SPMA3005	Cavo prolunga servo: 600 mm impiego gravoso
2	SPMA3004	Cavo prolunga servo: 450 mm impiego gravoso
1	HAN-3625ER	Set carrello retrattile triciclo elettrico con freni e controller
1	KGT-3976	Turbina KingTech K-102G4+
4	SPMSA6320	Servo Spektrum A6320
4	SPMSA5070	Servo Spektrum A5070
1	SPMSP3021	Bracci servo per impieghi gravosi (4)
2	SPMSP3101	Braccio servo in alluminio, mono-lato, lunghezza 38 mm, 23T
2	SPMSP3100	Braccio servo in alluminio, mono-lato, lunghezza 20 mm, 23T

GUIDA AL COMPLETAMENTO DEI PORTELLI DEL CARRELLO

# richiesto	No.	Descrizione
3	SPMSA5070	Servo Spektrum A5070
2	SPMSP3101	Braccio servo Spektrum mono-lato in alluminio 38 mm
2	SPMA3002	Prolunghe Spektrum impiego gravoso 230 mm
1	SPMA3003	Prolunga Spektrum impiego gravoso 300 mm

ADESIVI NECESSARI

Descrizione
Adesivo strutturale
Colla CA liquida
Colla CA media
Frenafilietti, media resistenza
Adesivo silconico

GUIDA ALLA CONFIGURAZIONE DEI SERVO

Superficie	Servo	Braccio servo	Dimensioni braccio servo	Connettore braccio servo	Lunghezza asta di comando	Lunghezza asta di comando assemblata	Connettore squadretta di comando
Timone	A5070	SPMSP3021	20 mm	Forcella in acciaio M3	50 mm	76 mm	Giunto a sfera M3
Elevatori	A5070	SPMSP3021	20 mm	Forcella in acciaio M3	50 mm	75 mm	Giunto a sfera M3
Alettoni	A6320	SPMSP3101	32 mm	Giunto a sfera M3	40 mm	60 mm	Giunto a sfera M3
Flap	A6320	SPMSP3100	20,5 mm	Giunto a sfera M3	45 mm		Giunto a sfera M3
Sterzo	A5070	inc. con servo	13,5 mm	Giunto a sfera M3	34 mm	49 mm	Giunto a sfera M3
Portelli interni carrello principale	A5070	SPMSP3101	38 mm	Giunto a sfera M3			Giunto a sfera M3
Portelli esterni carrello principale	ND	ND	ND	ND	20 mm	38 mm	Giunto a sfera M3
Portello anteriore	A5070	SPMSP3021	20 mm	Giunto a sfera M3	34 mm	52 mm	Giunto a sfera M3

ATTREZZI NECESSARI

Descrizione	
Chiave a bussola o a bocca aperta: 10 mm, 7/16", 1/2"	Nastro a bassa aderenza
Morse	Carta vetrata a grana media
Ferro da stiro da modellismo	Microsfere
Trapano	Tazze di miscelazione
Set di punte da trapano, metriche e SAE	Spatoline per mescolare
Pennelli per colla epossidica	Matita
Pennarello a feltro	Vaselina
Cacciavite a lama piatta	Cacciavite a croce Phillips n. 0, n. 1 e n. 2
Lima piatta	Minitrapano
Pasta fluxante	Pinze
Pistola termica	Seghetto da modellismo
Pinze emostatiche	Righello
Set di chiavi a brugola, metriche e SAE	Tamburo abrasivo per utensile rotativo
Taglierino con lama n. 11	Forbici
Forbici per modellismo	Tronchesina
Squadretta	Saldatura all'argento
Nastro a strappo	Stuzzicadenti
Alcol isopropilico	Fascette
Olio lubrificante leggero	

PRECAUZIONI DI MONTAGGIO

Preparare la superficie di lavoro prima di iniziare il montaggio. La superficie deve essere morbida e libera da oggetti affilati. Consigliamo di adagiare le parti della cellula su un panno morbido o una stuoia da banco per proteggere la superficie del modello da graffi e ammaccature.

NOTE SUI RIVESTIMENTI STAMPATI

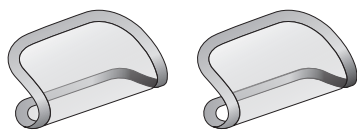
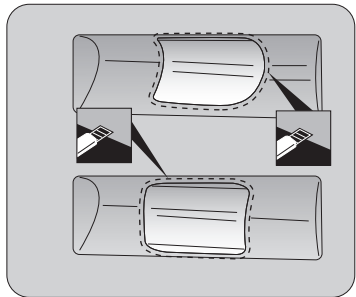
- Colori e marcature di questo modello sono stampati direttamente sul rivestimento.
- Il retro del rivestimento è adesivo. Calore indiretto può essere applicato per aiutare a riattaccare o a restringere leggermente la pellicola. Utilizzare un ferro da stiro da modellismo impostato su basso livello e sistemare un pezzo di carta da forno o la carta che copriva il retro adesivo del rivestimento tra il modello e il ferro per disperdere il calore. Applicare il calore con parsimonia (2-3 secondi) e usare un guanto per premere il rivestimento nelle aree concave.
- Utilizzare solo detergenti delicati sulla finitura stampata.
- Utilizzare il nastro adesivo con cura. Qualsiasi cosa diversa dal nastro a bassa aderenza può rimuovere la finitura, in particolare sui bordi.
- Evitare il contatto con il carburante. L'esposizione a carburante o sostanze chimiche danneggia il rivestimento stampato.
- Rimuovere il prima possibile i residui di carburante, olio e adesivo per evitare di macchiare o danneggiare la finitura.

MONTAGGIO DELLE LUCI DI NAVIGAZIONE

Le istruzioni che seguono mostrano l'installazione delle luci alari.

Se non si desidera utilizzare le luci sulle ali, installare le calottine senza le luci.

- 1** → Utilizzare forbici per tagli curvi per rifinire le calottine delle luci di navigazione. Assicurarsi di lasciare abbastanza materiale attorno alla parte trasparente per il fissaggio alla superficie dell'ala.



Vite autofilettante 2 x 5 mm

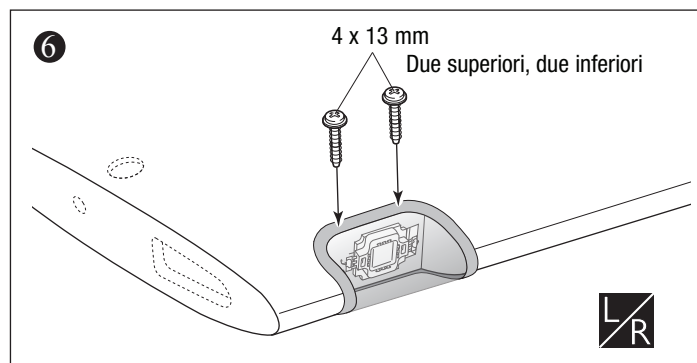
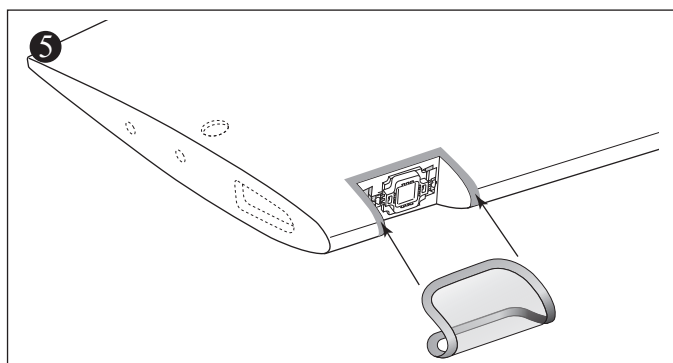
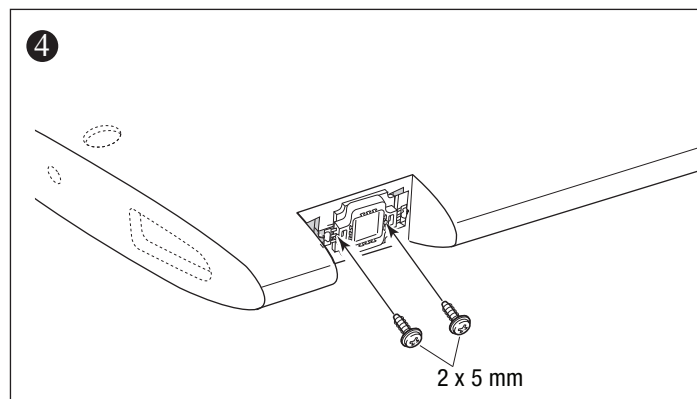
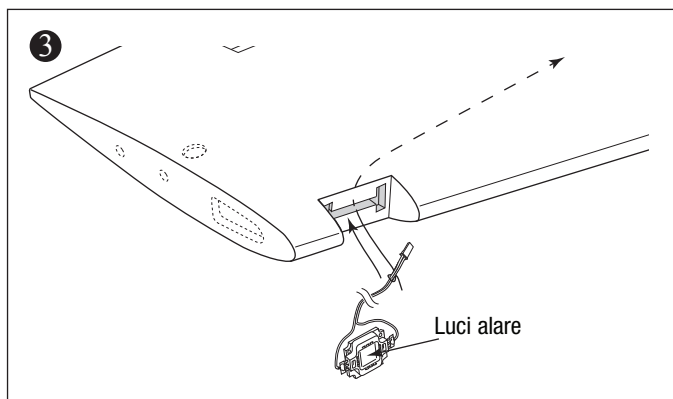
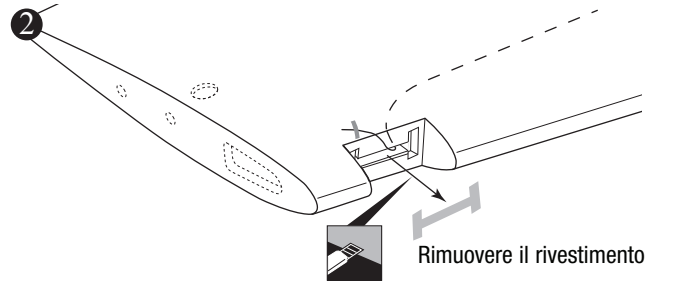
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Vite autofilettante 2 x 13 mm

8

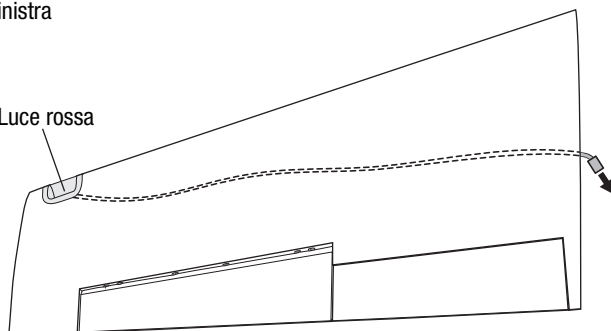
Luci alari (non incluse)

2



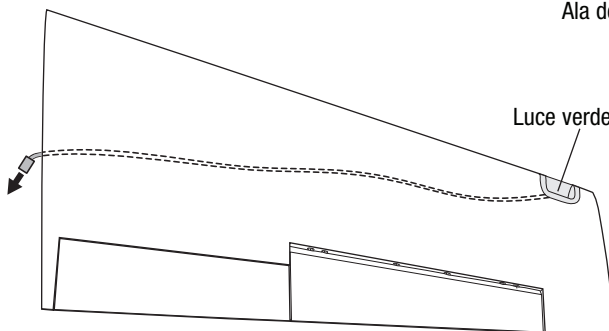
Ala sinistra

Luce rossa

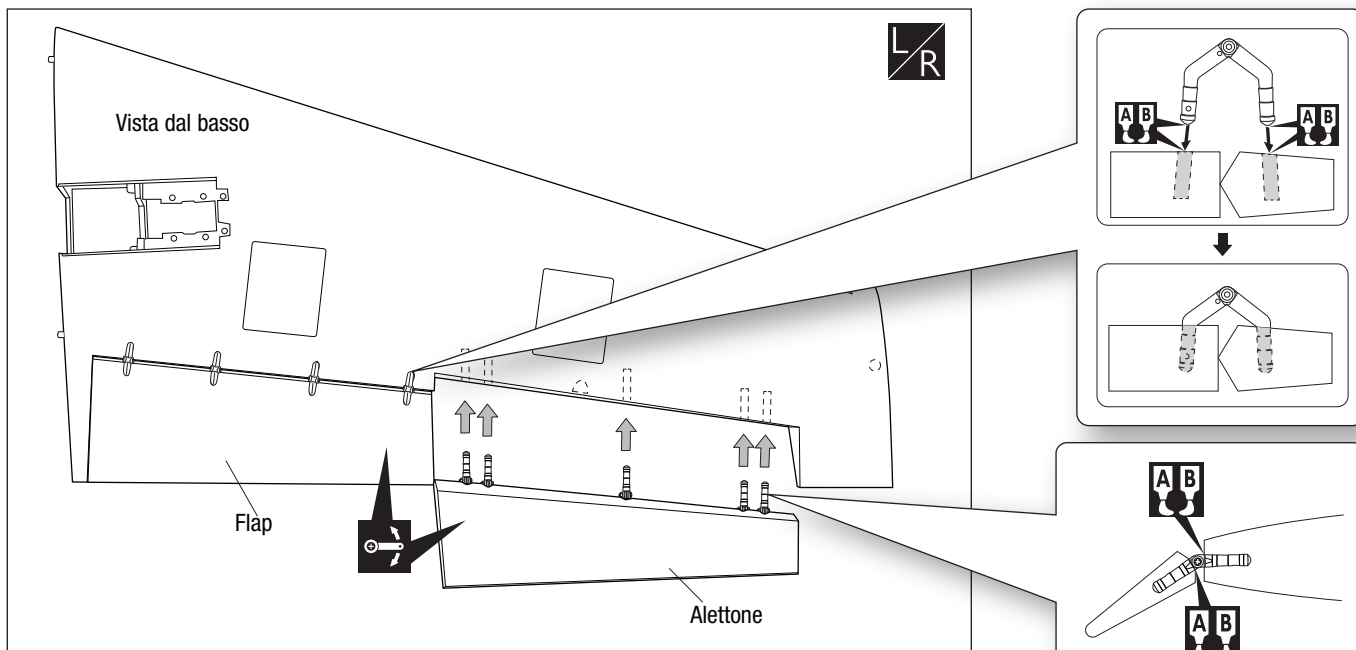


Ala destra

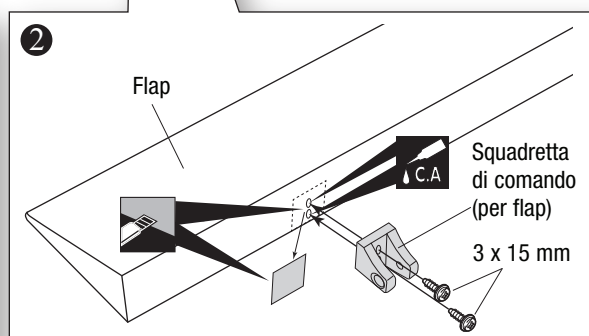
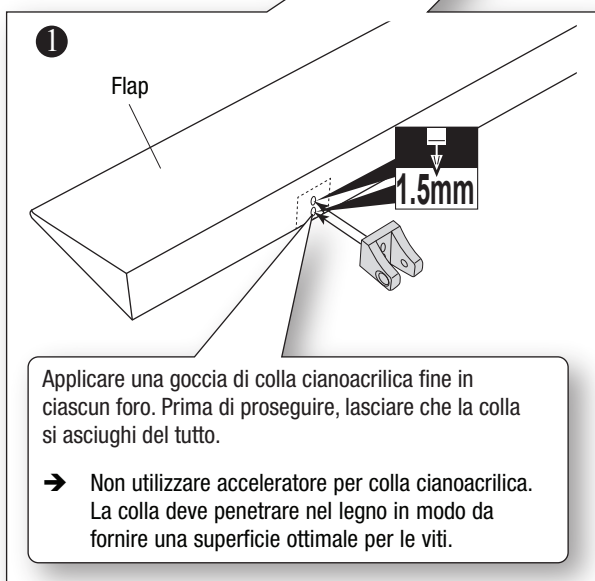
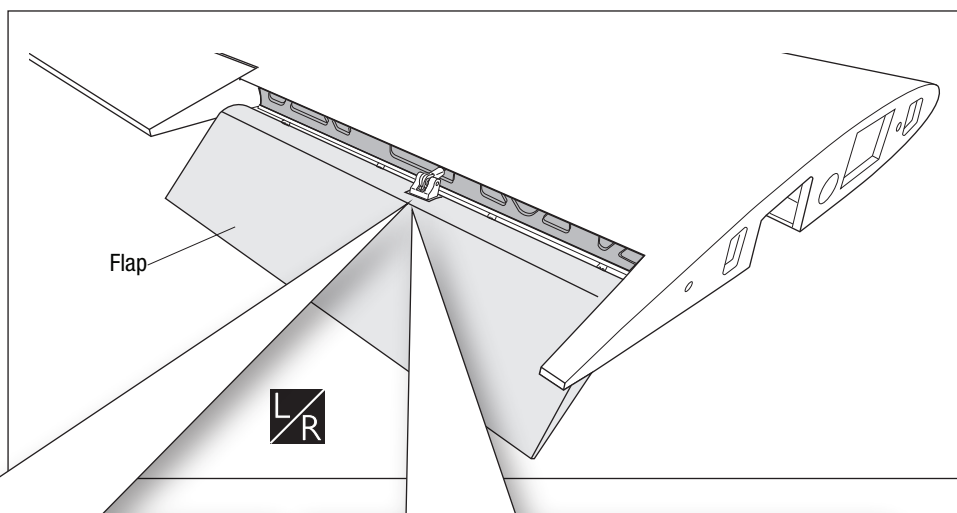
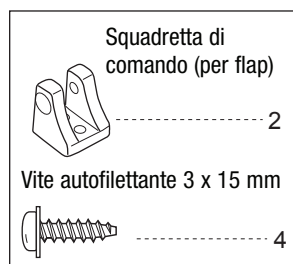
Luce verde



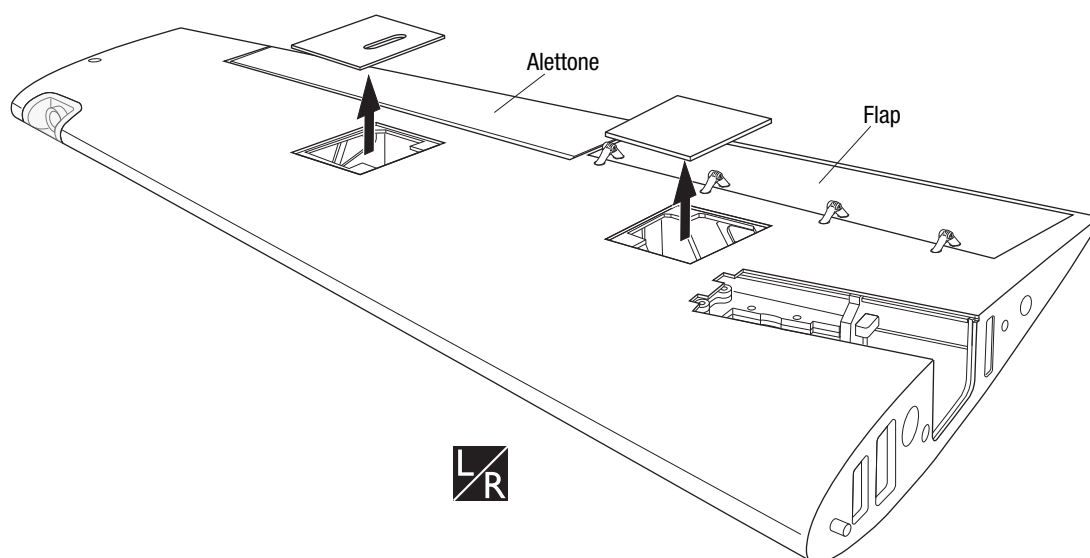
Rimuovere la parte ombreggiata



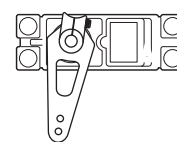
- Ripetere lo stesso procedimento per il lato sinistro e destro
- Utilizzare un adesivo strutturale come la resina epossidica DLM Aero Tech.
- Assicurarsi che i leveraggi si muovano agevolmente durante il montaggio.
Assicurarsi che le cerniere siano fissate correttamente prima di procedere.



- Applicare il cianoacrilato (CA)
- Rimuovere la parte ombreggiata
- Praticare un foro da 1,5 mm
- Ripetere lo stesso procedimento per il lato sinistro e destro

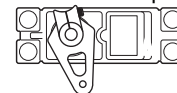


Servo dell'alettone



L'alettone usa il braccio servo SP3101, nel più interno dei due fori. Va installato con il braccio del servo ruotato di una tacca in avanti quando il servo è centrato.

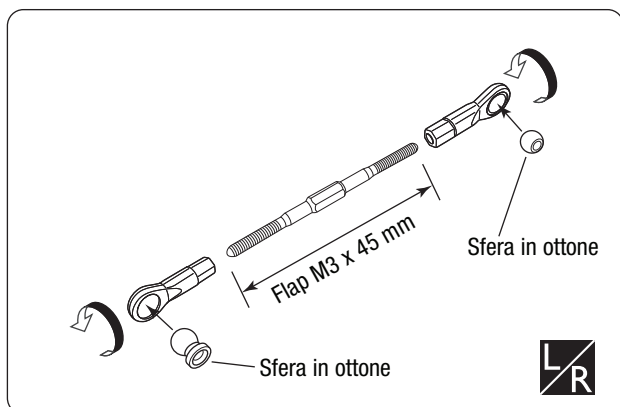
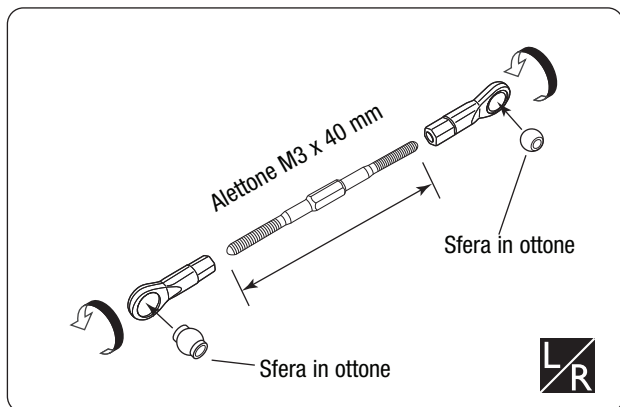
Servo del flap



Il flap usa il braccio servo SP3100. Va installato con il braccio del servo ruotato di una tacca indietro quando il servo è centrato.



Ripetere lo stesso procedimento per il lato sinistro e destro

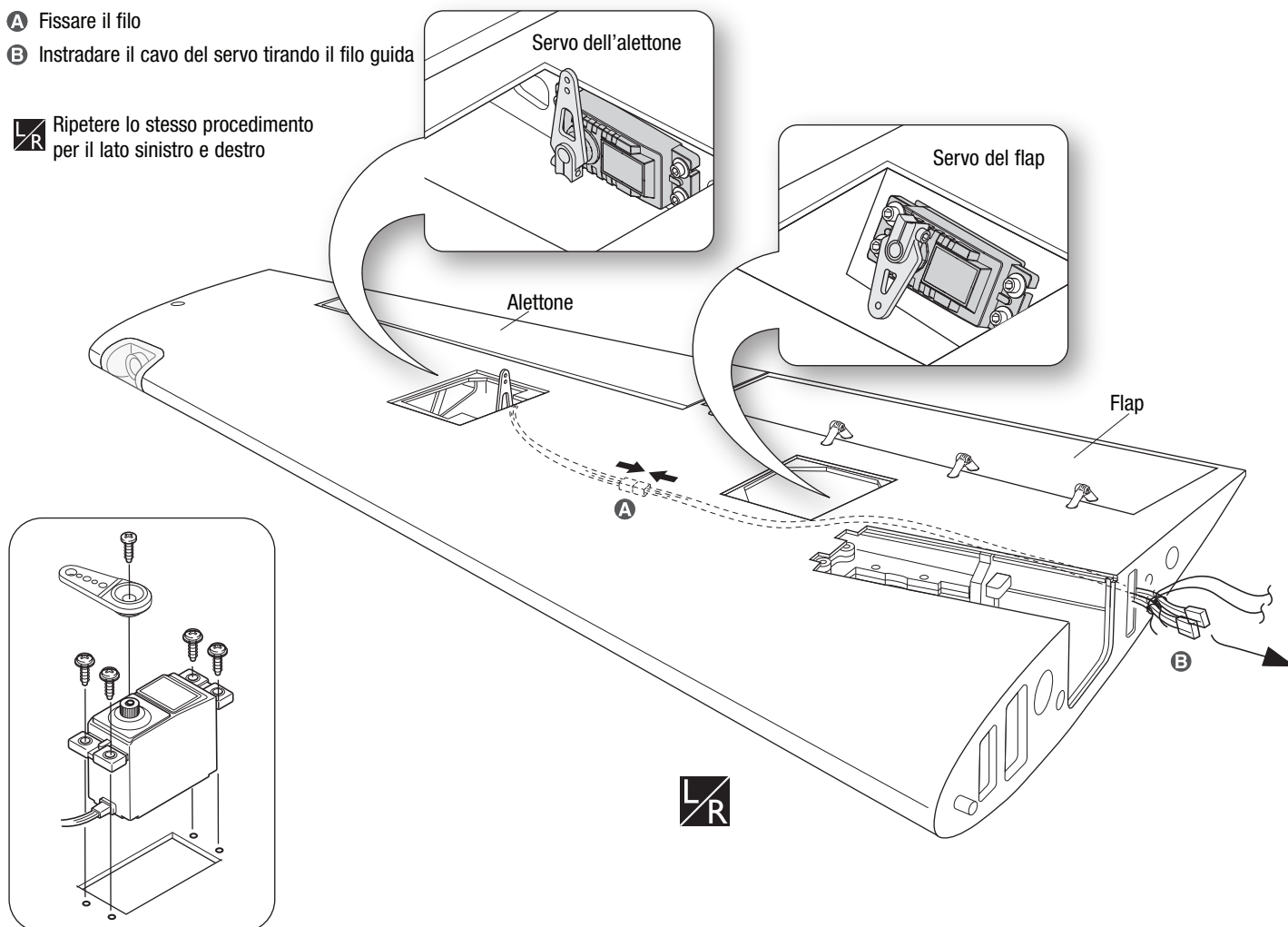


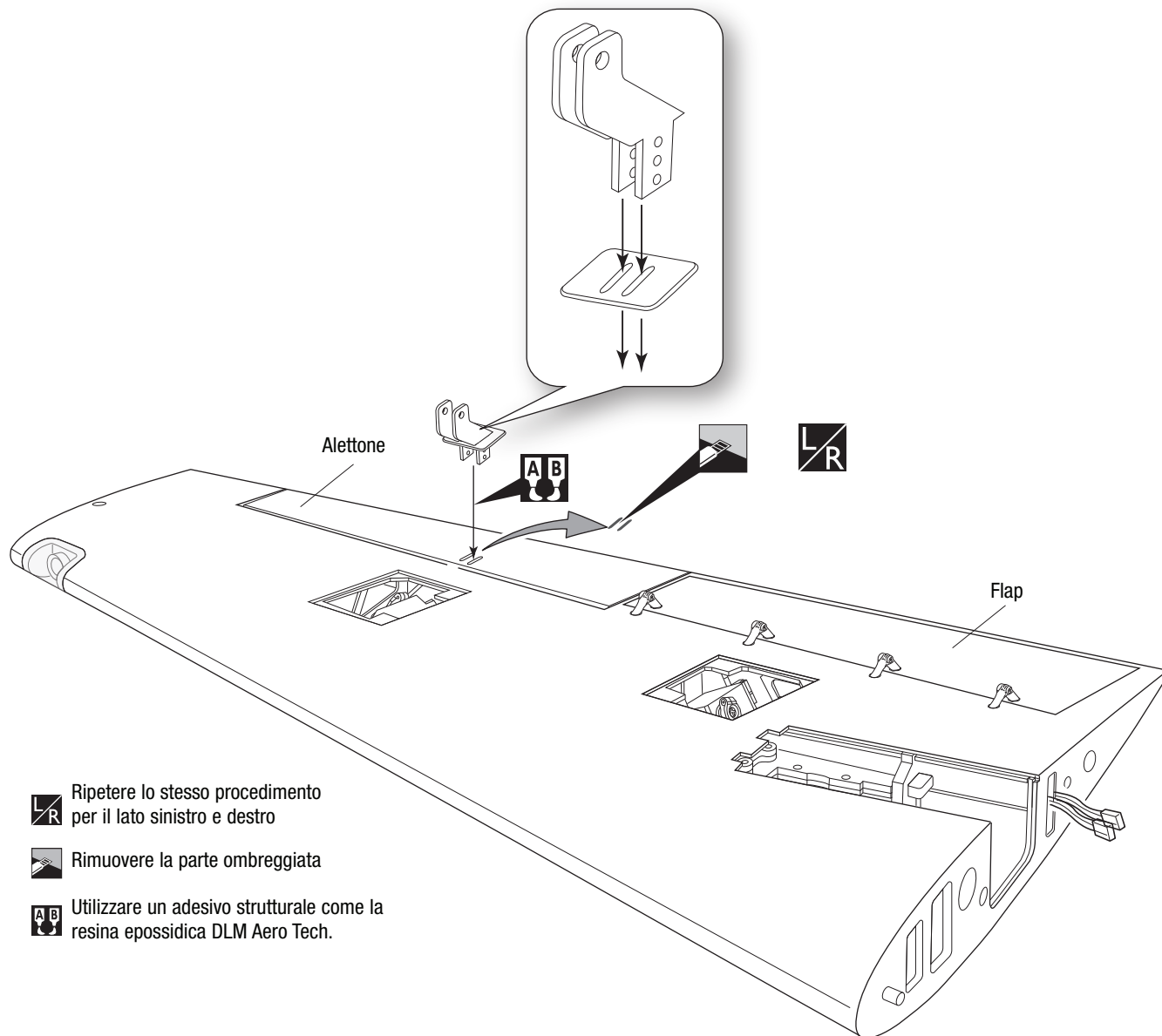
Ripetere lo stesso procedimento per il lato sinistro e destro

A Fissare il filo

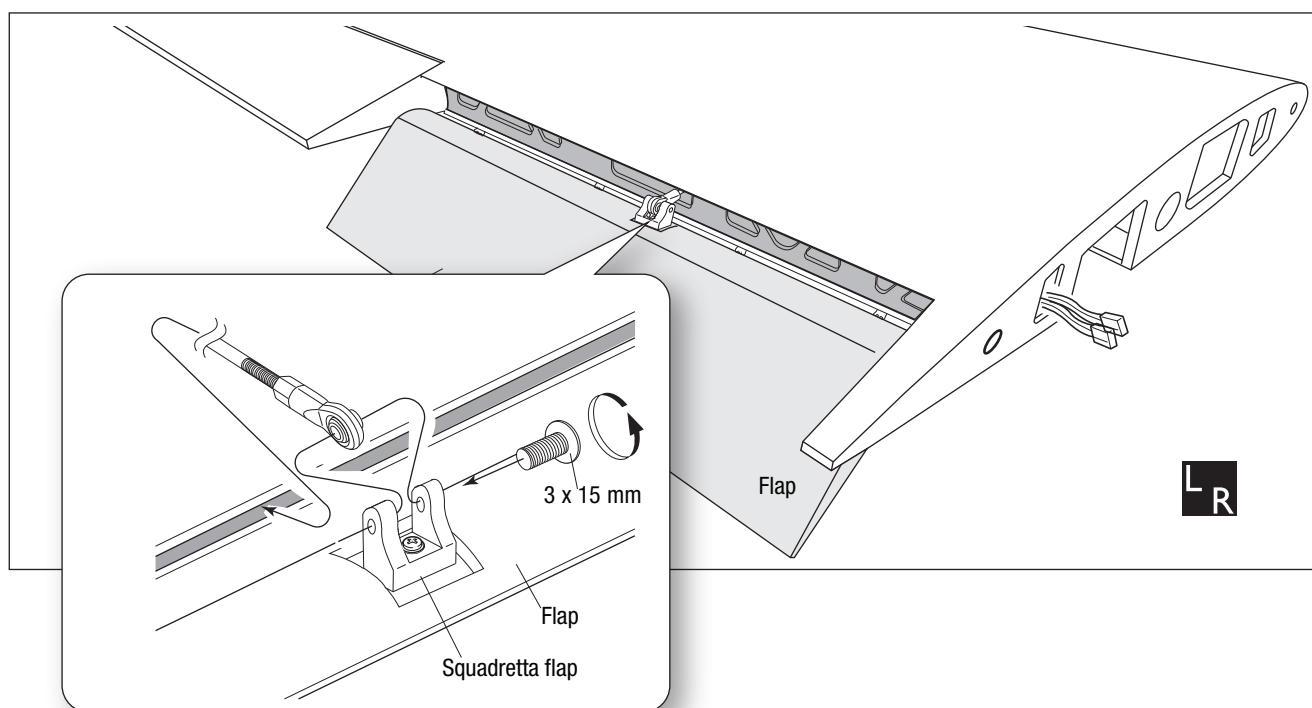
B Instradare il cavo del servo tirando il filo guida

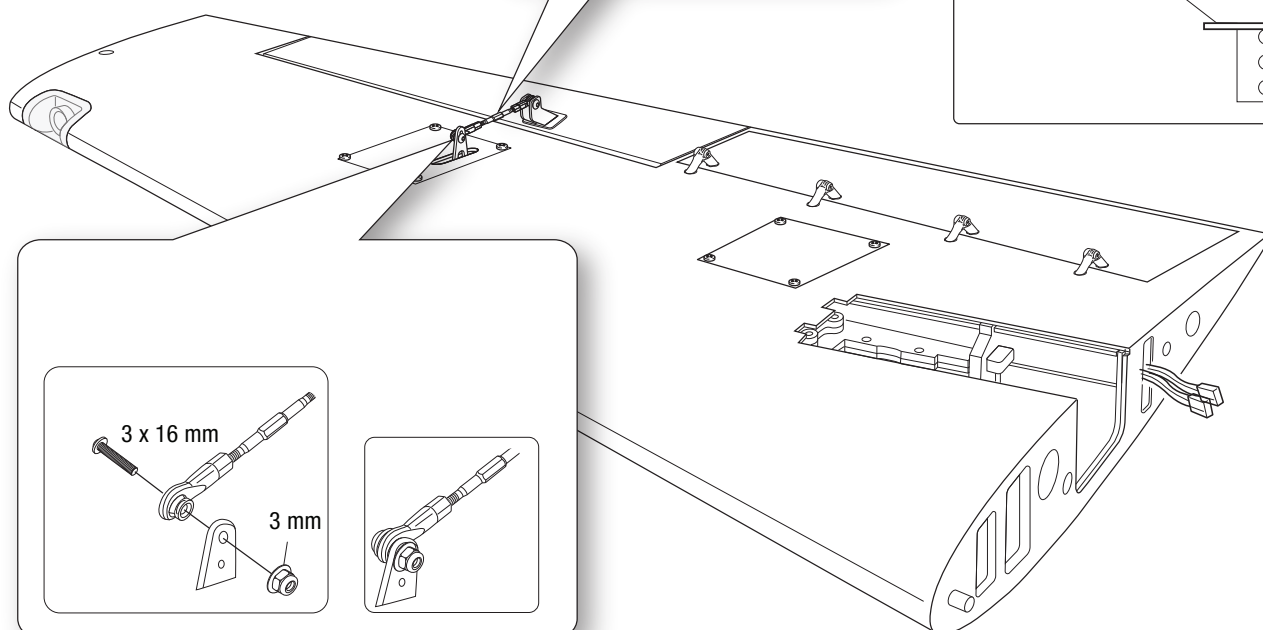
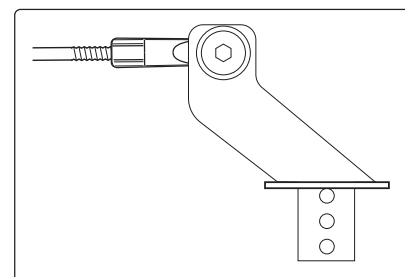
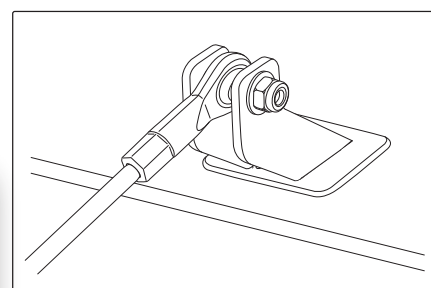
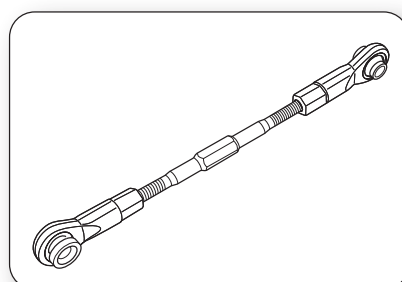
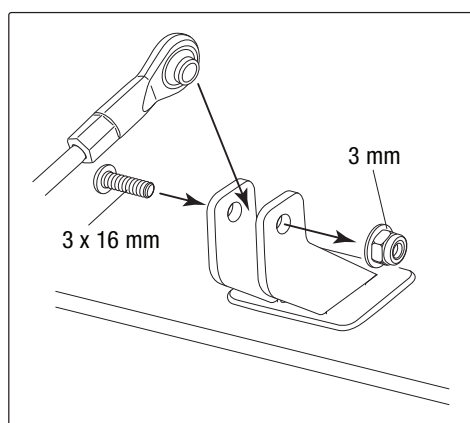
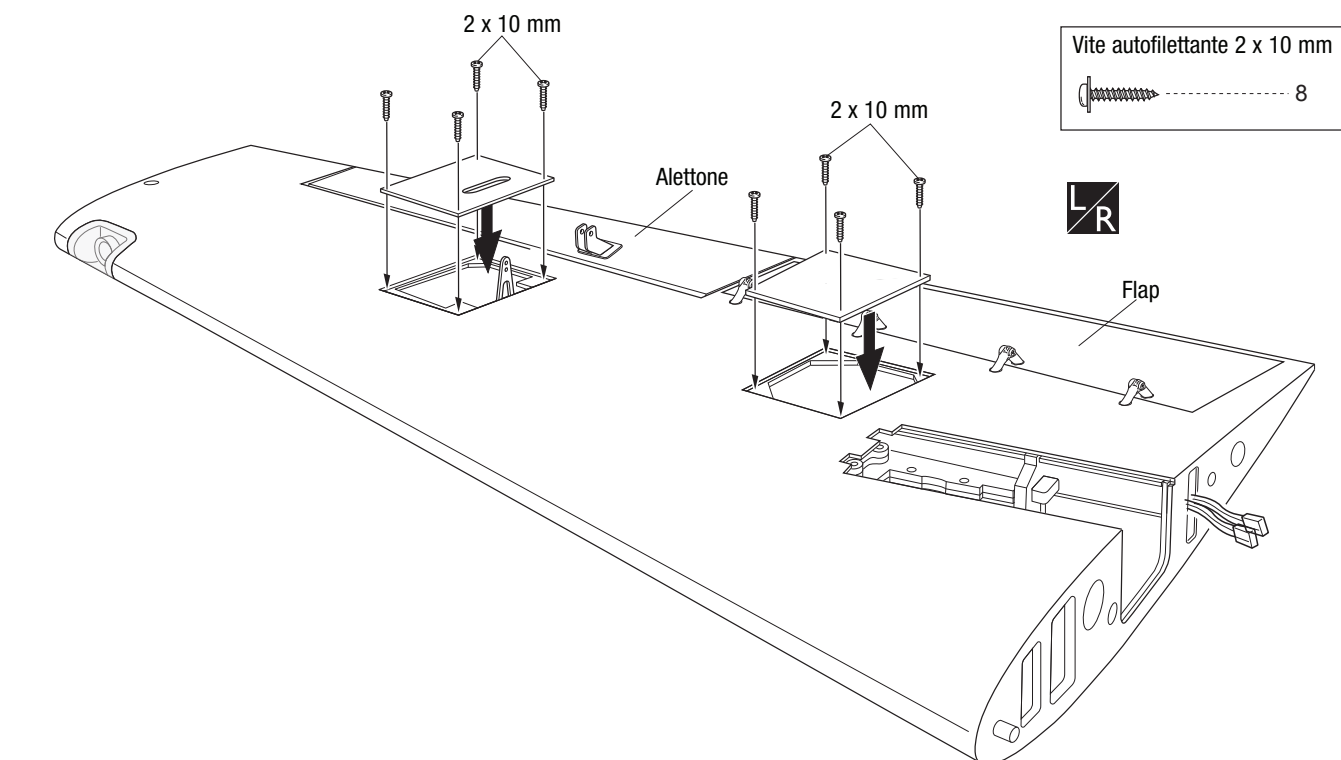
Ripetere lo stesso procedimento per il lato sinistro e destro

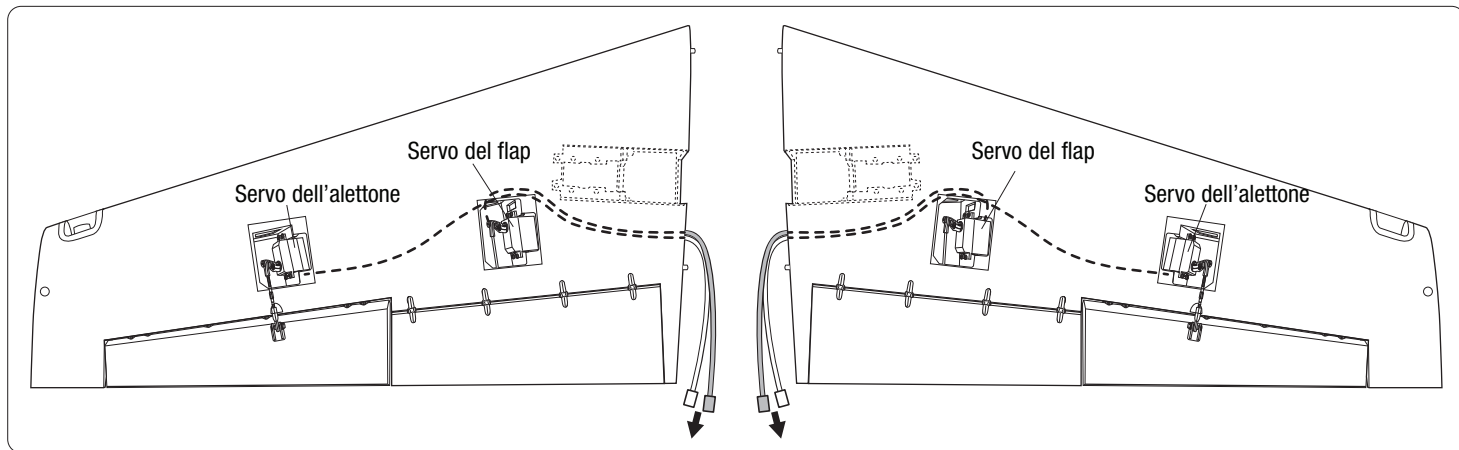




-  Ripetere lo stesso procedimento per il lato sinistro e destro
-  Rimuovere la parte ombreggiata
-  Utilizzare un adesivo strutturale come la resina epossidica DLM Aero Tech.







MONTAGGIO DEL CARRELLO PRINCIPALE

Vite a testa tonda M4 x 25 mm



8

Rondella 4 mm



8

Vite a testa tonda 3 x 12 mm



2

Vite a testa tonda 3 x 10 mm



4

Dado Nylock M3



4

Rondella 3 mm



8

Sfera in alluminio



4



4

#16A



2

Cerniere a perno dentato

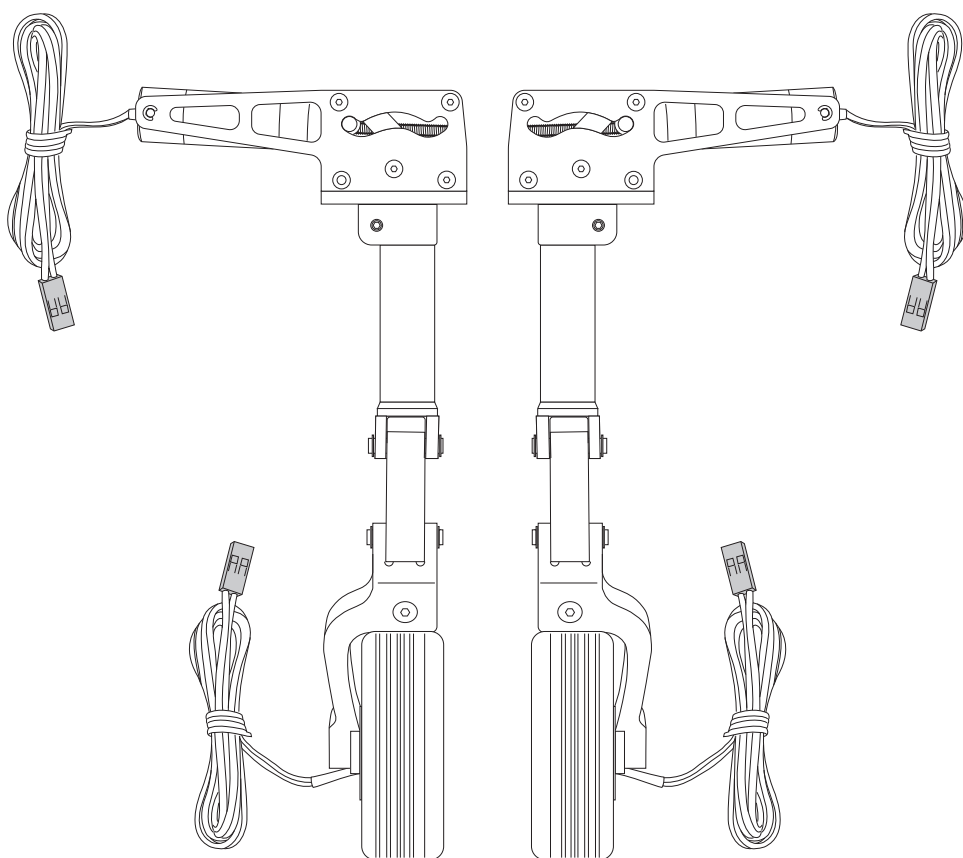


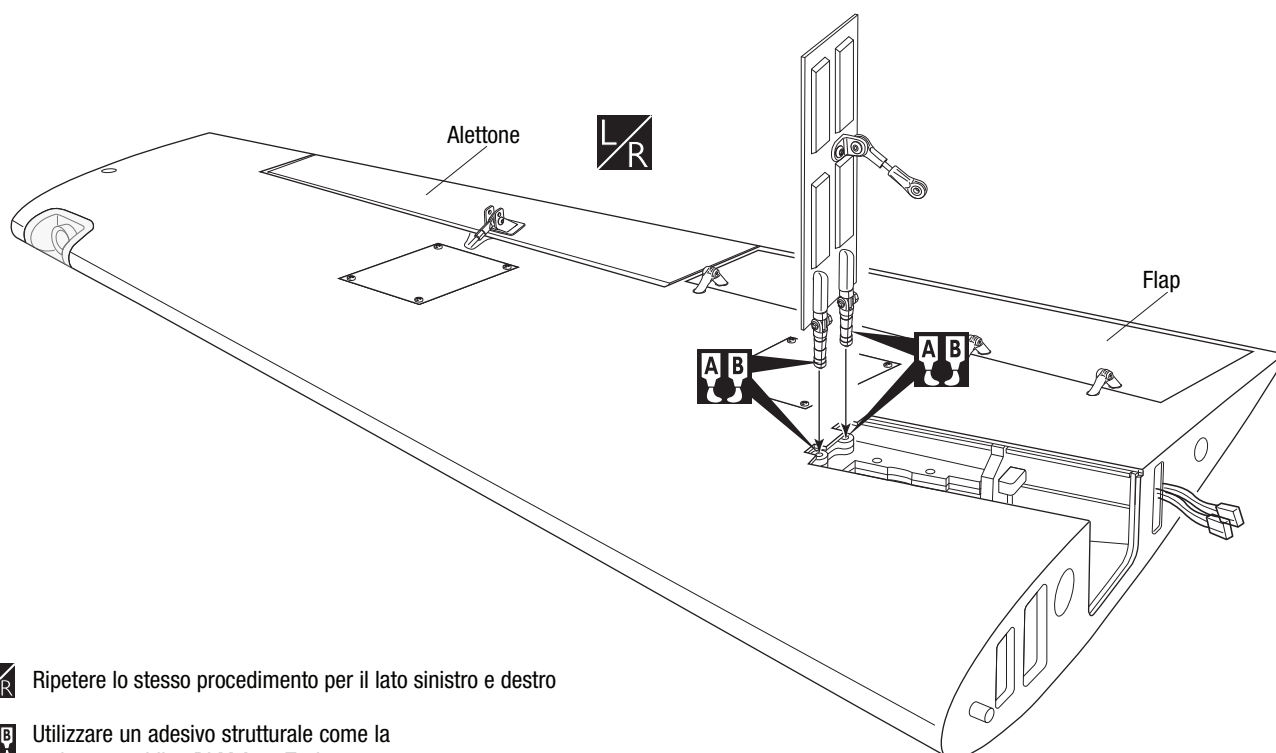
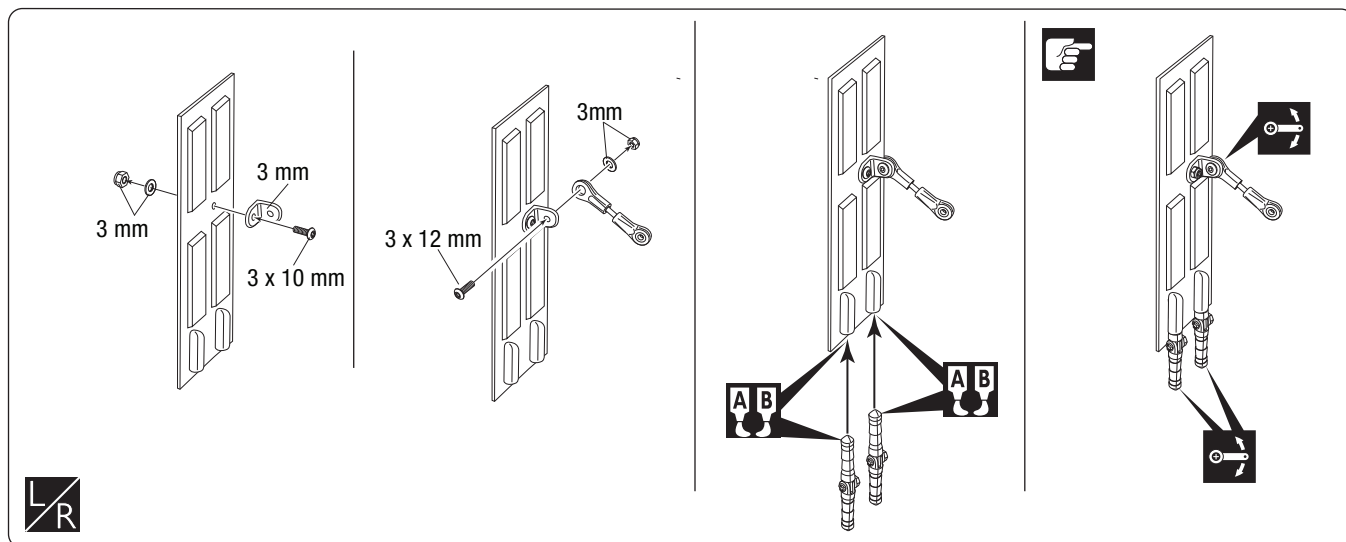
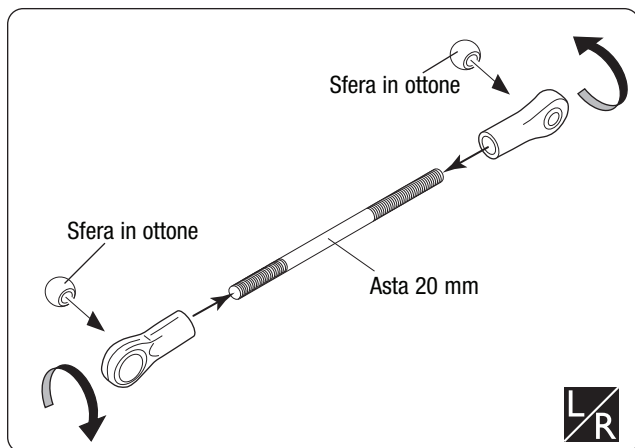
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Asta di comando M3 x 20 mm



2

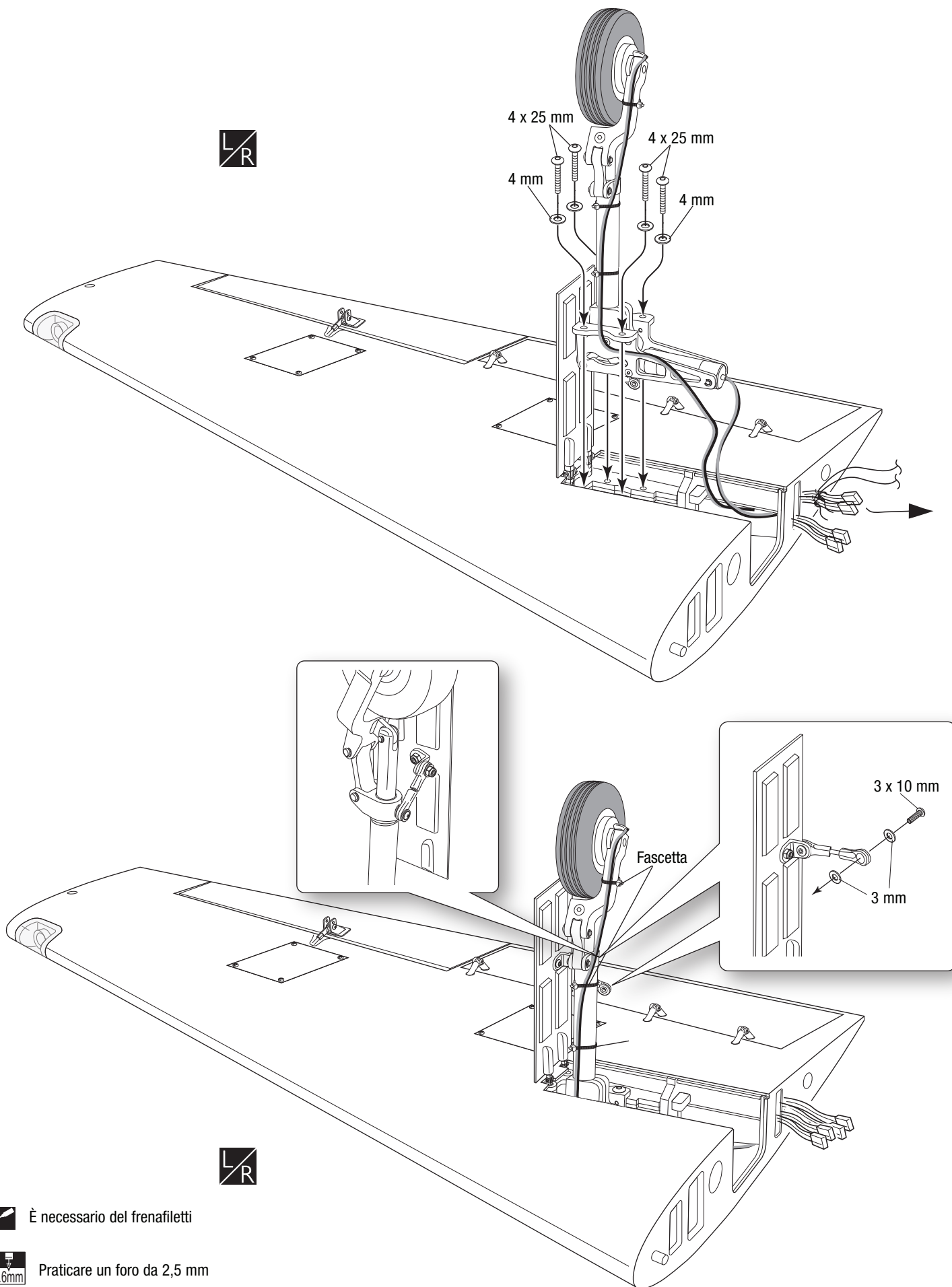


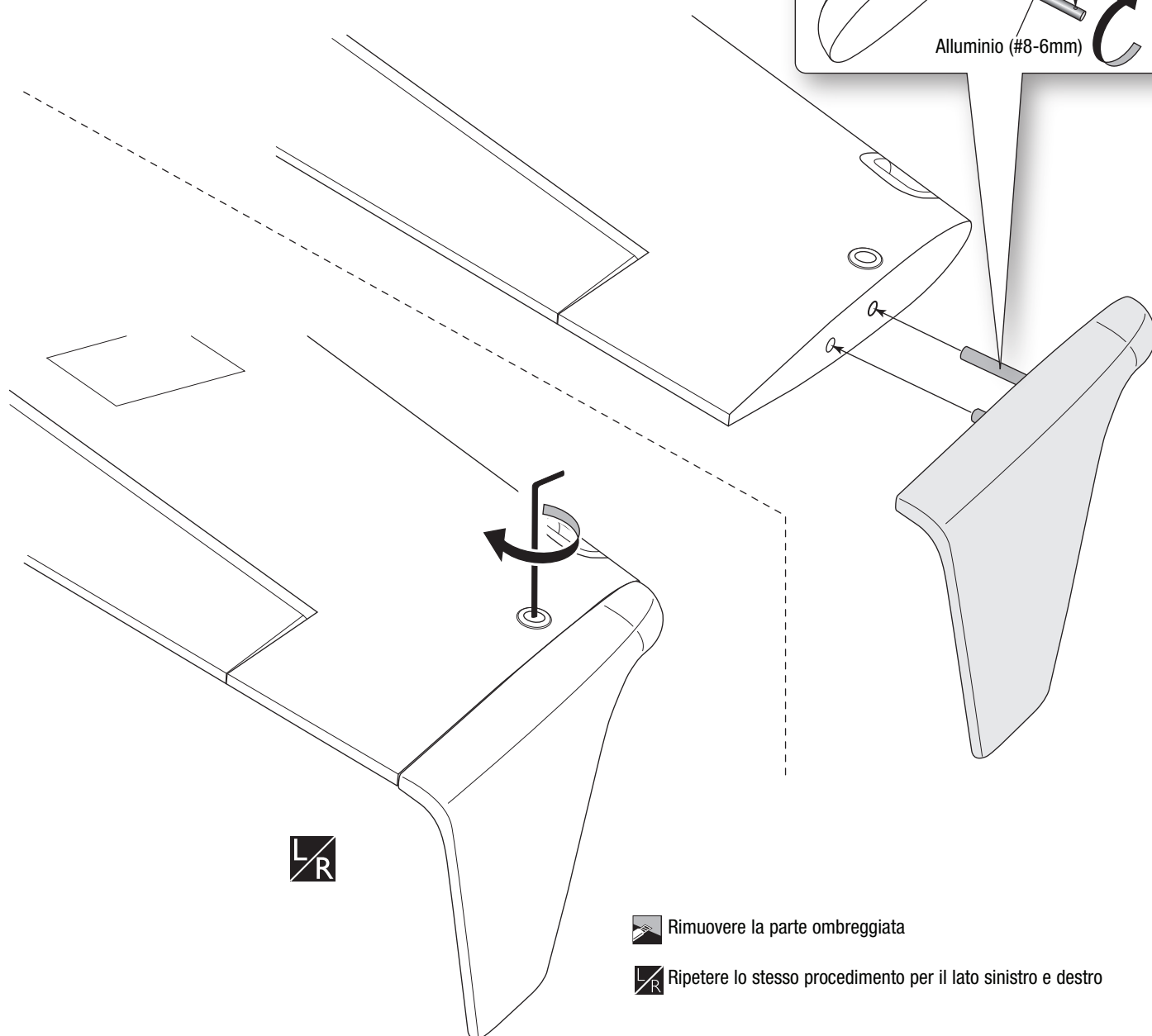
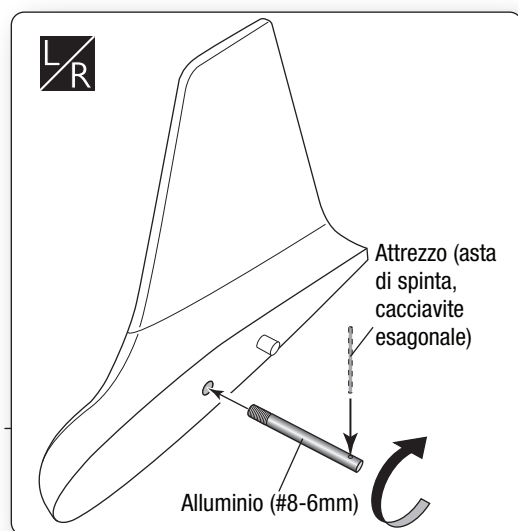
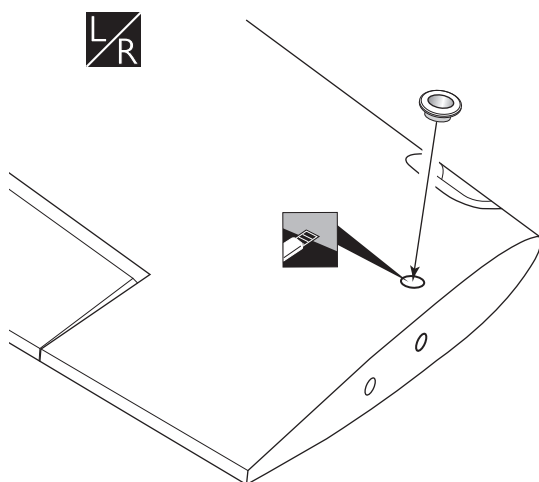
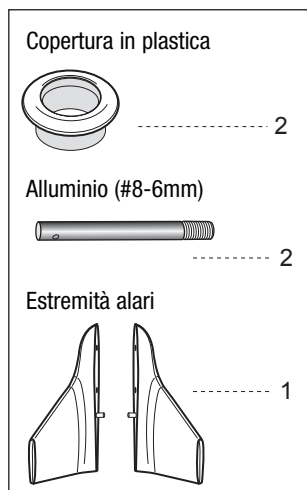


 Ripetere lo stesso procedimento per il lato sinistro e destro

 Utilizzare un adesivo strutturale come la resina epossidica DLM Aero Tech.

 Assicurarsi che i leveraggi si muovano agevolmente durante l'assemblaggio. Assicurarsi che le cerniere siano fissate correttamente prima di procedere.

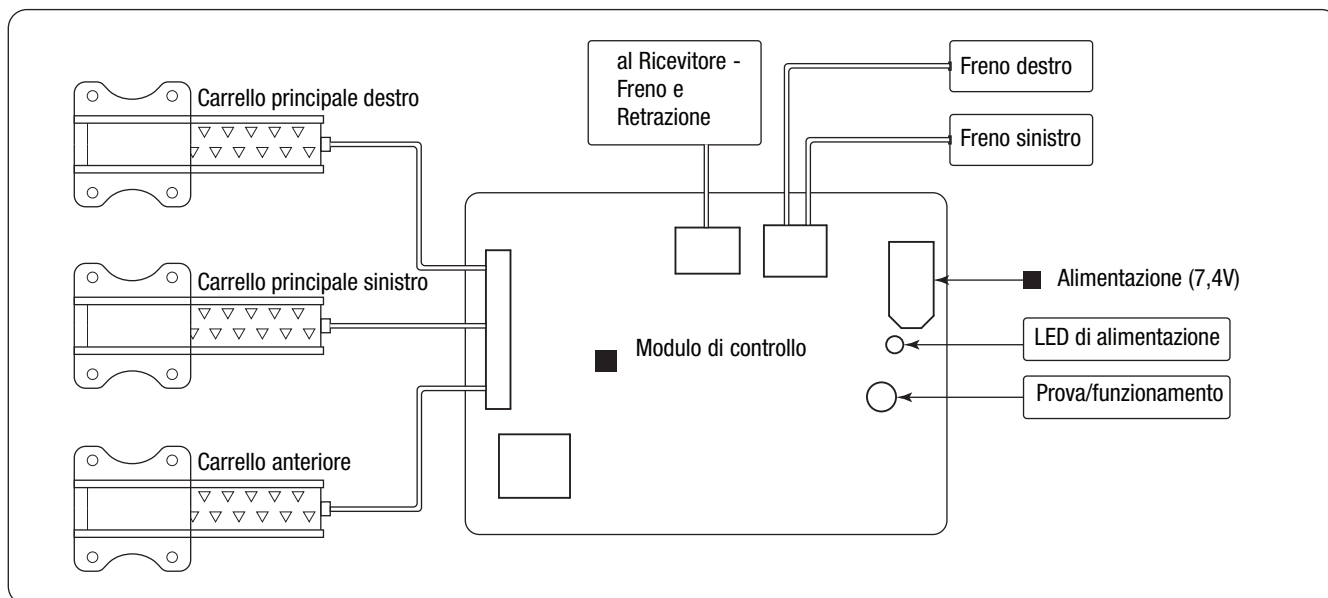




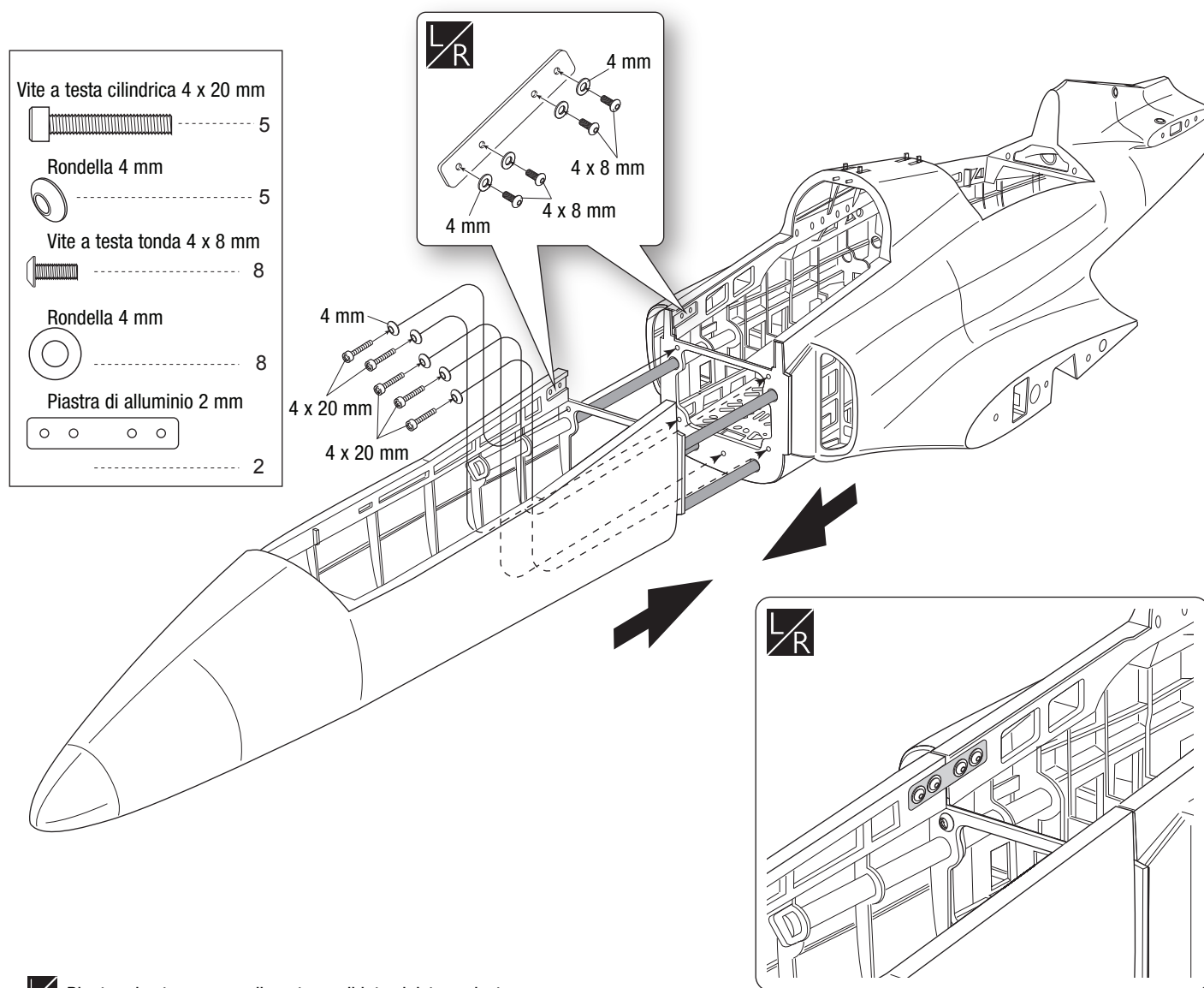
Rimuovere la parte ombreggiata



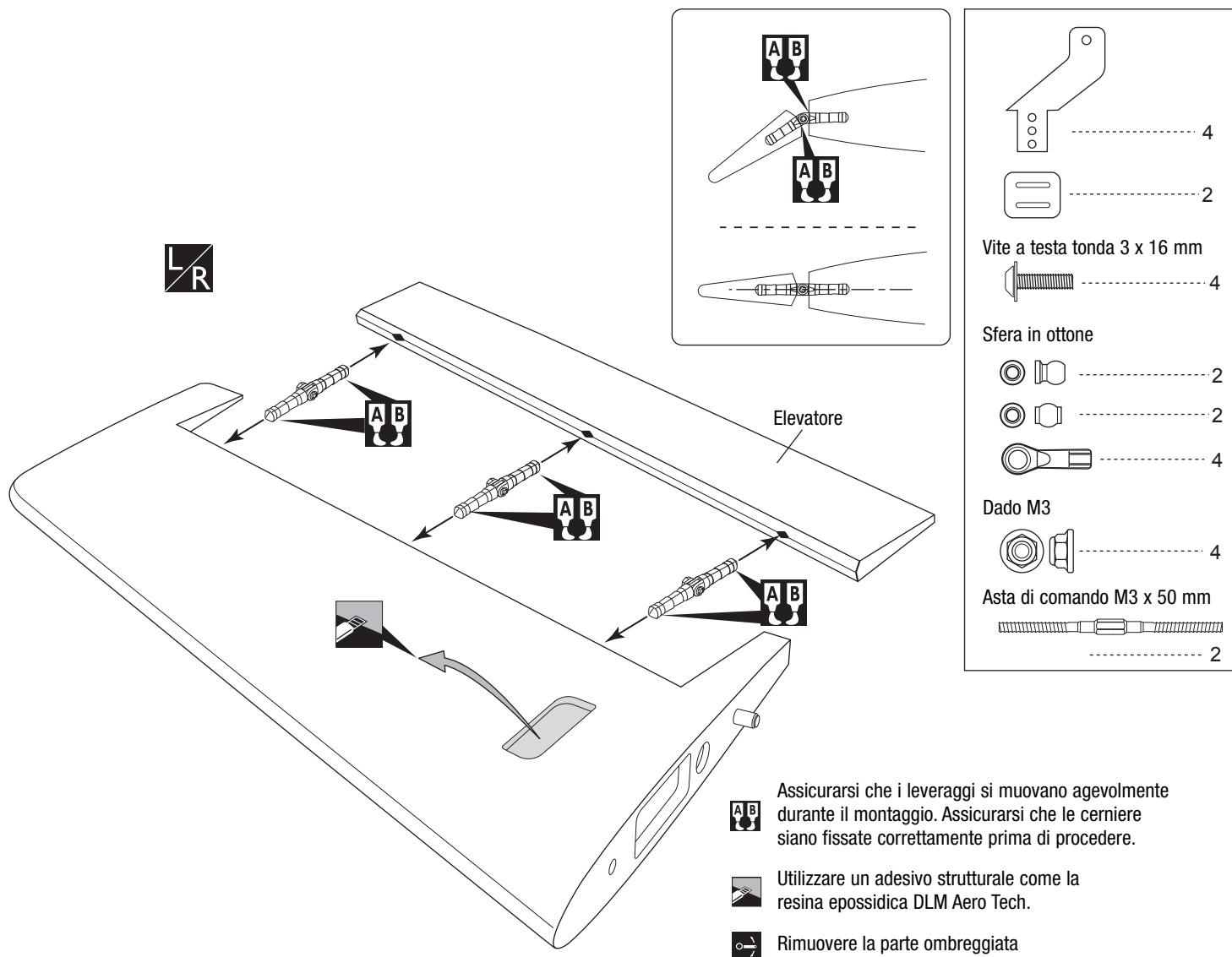
Ripetere lo stesso procedimento per il lato sinistro e destro



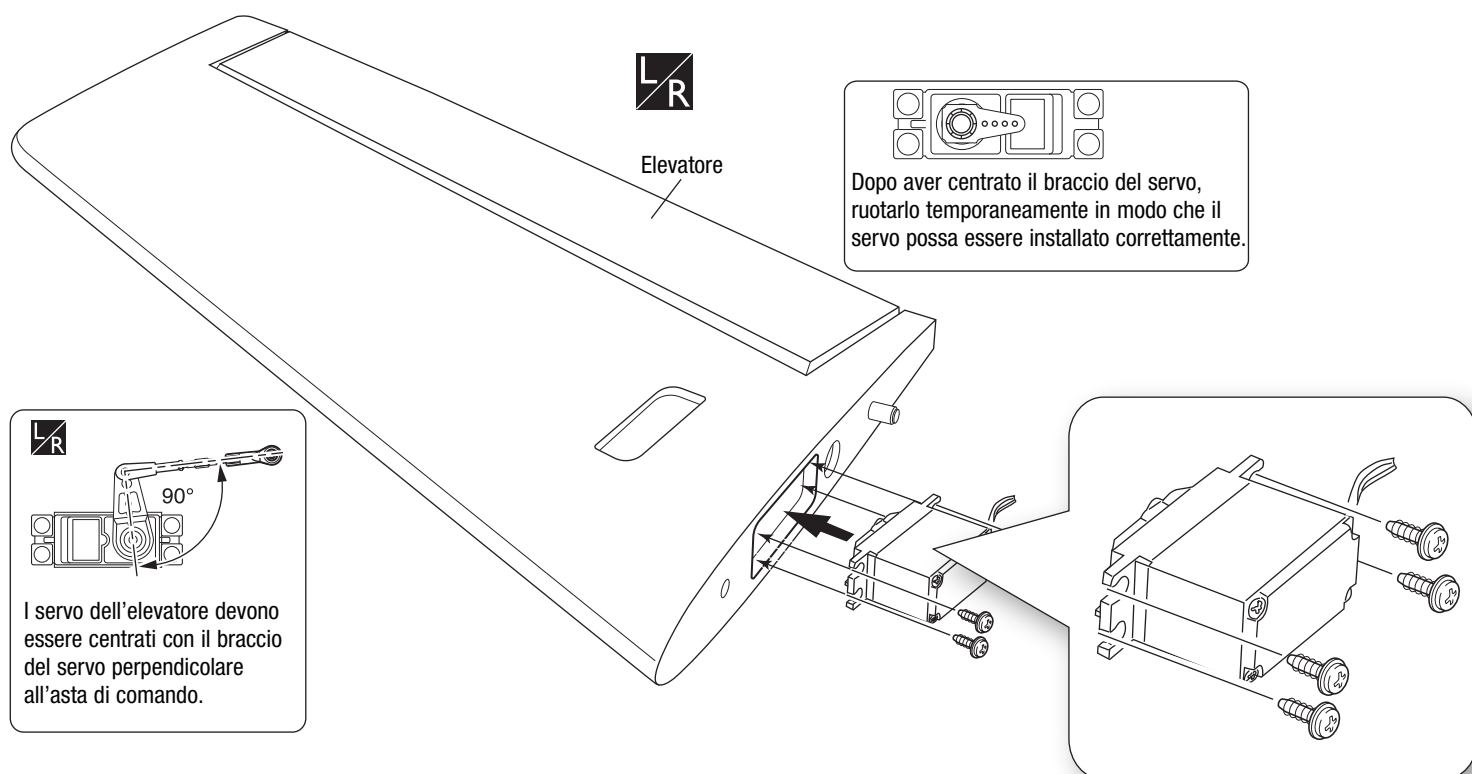
ASSEMBLAGGIO DELLA FUSOLIERA



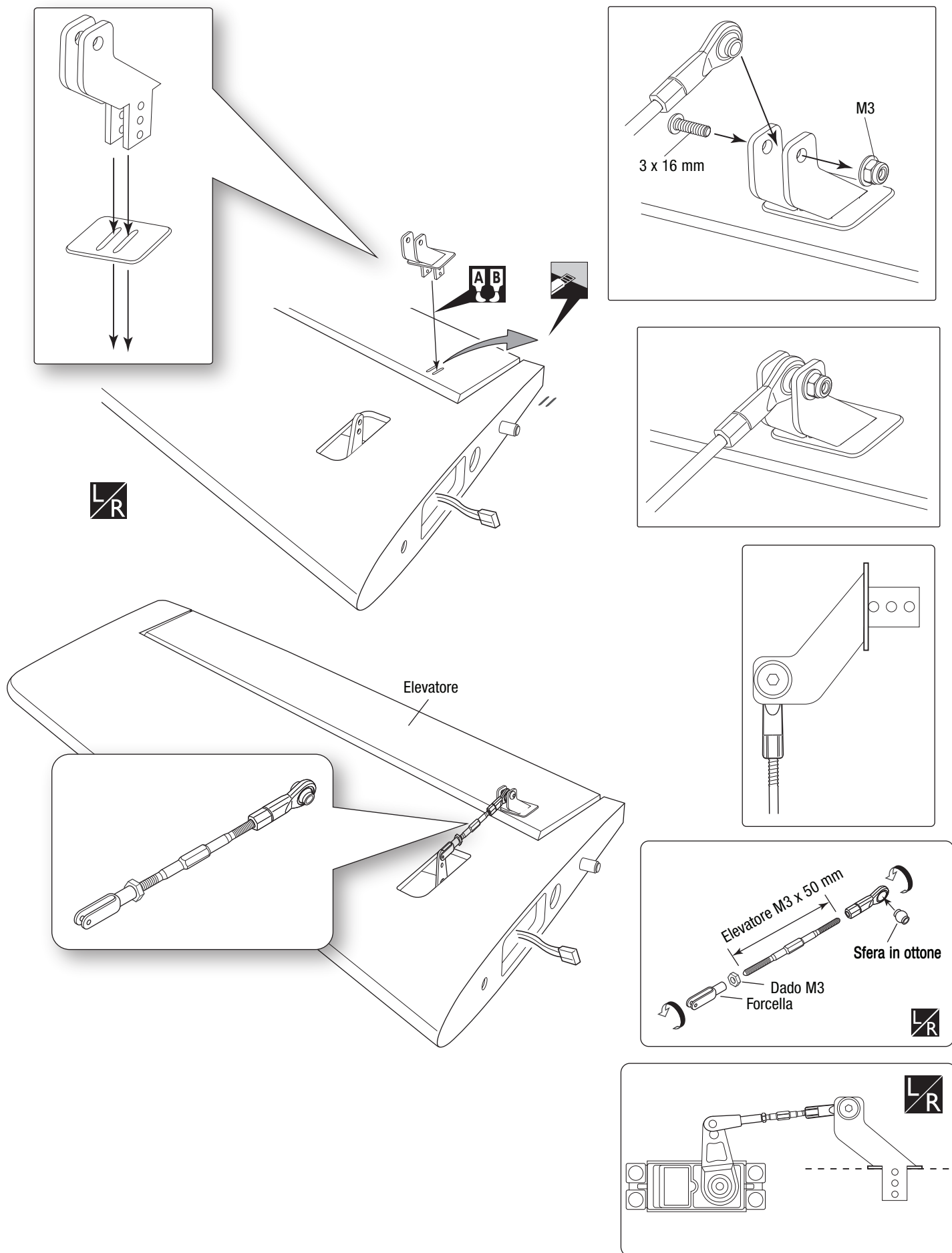
MONTAGGIO DELLA CERNIERA DELL'ELEVATORE



MONTAGGIO DEI SERVO DELL'ELEVATORE



L/R Ripetere lo stesso procedimento per il lato sinistro e destro



Utilizzare un adesivo strutturale come la resina epossidica DLM Aero Tech.

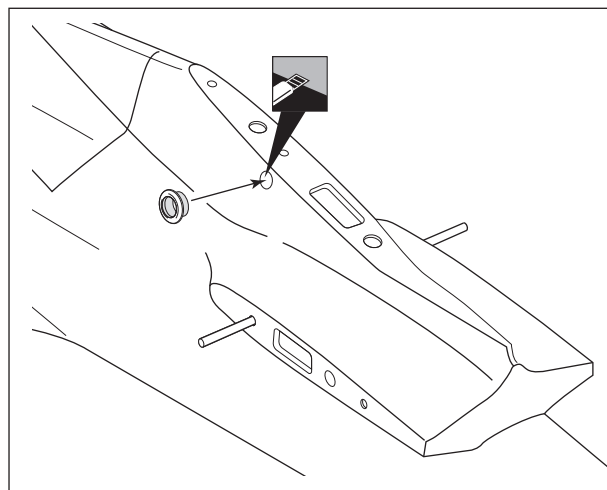


Rimuovere la parte ombreggiata

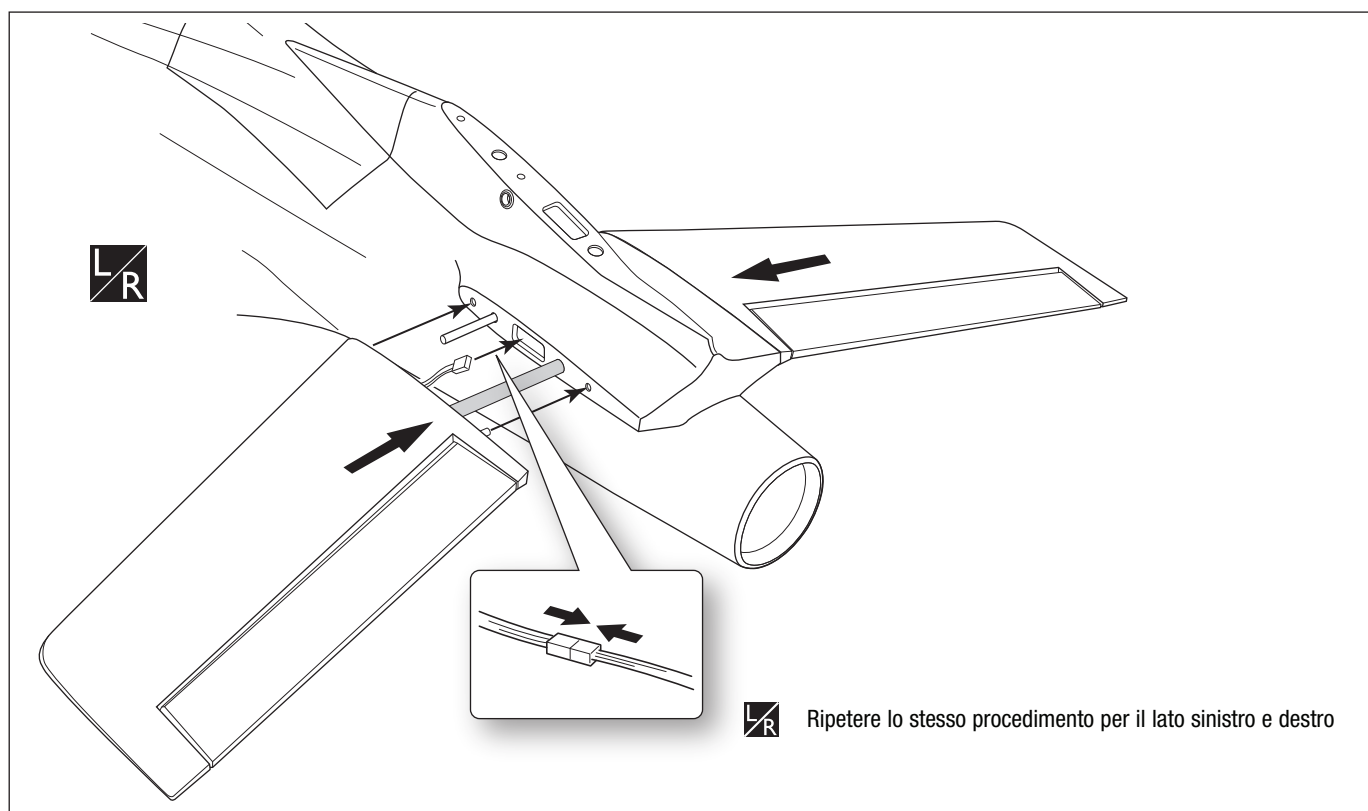
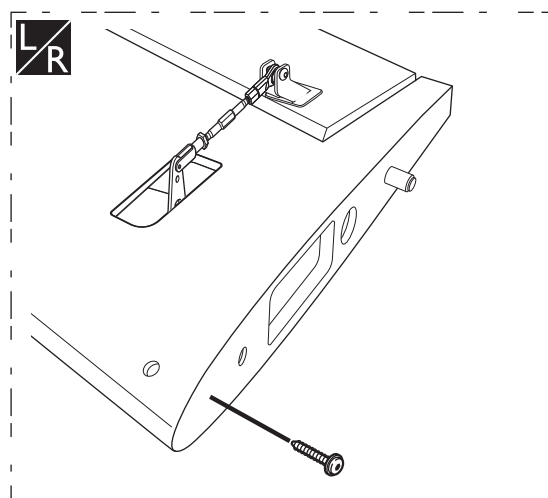


Ripetere lo stesso procedimento per il lato sinistro e destro

 Rimuovere la parte ombreggiata

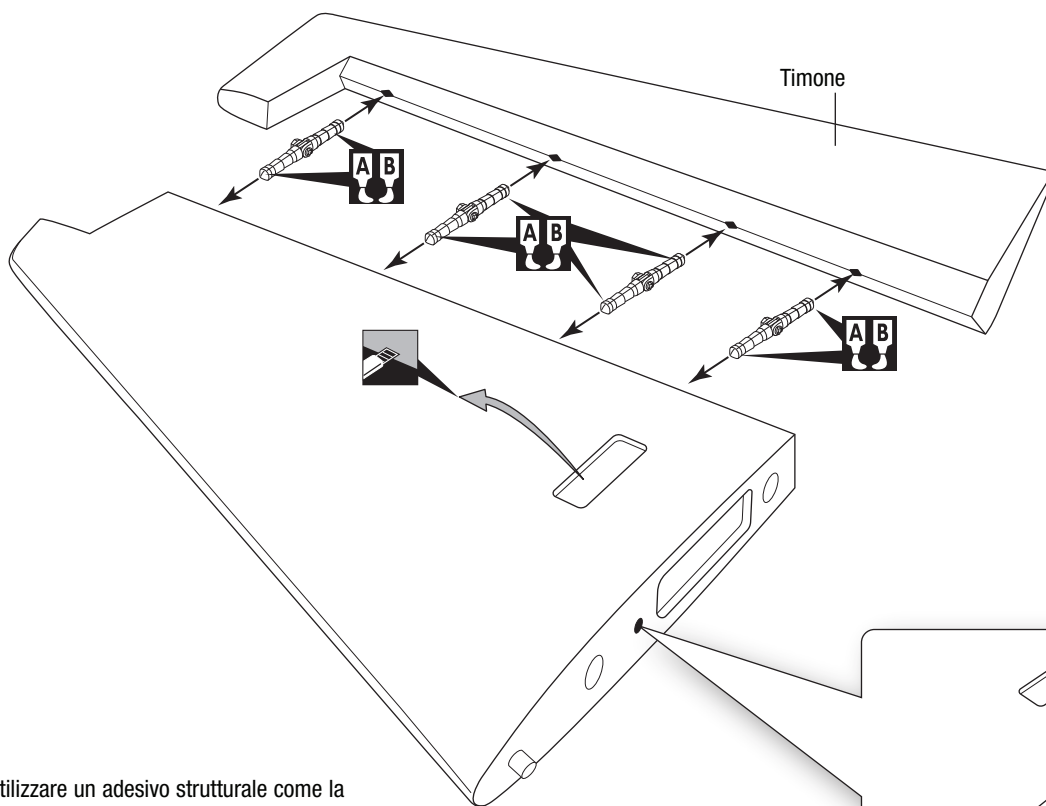
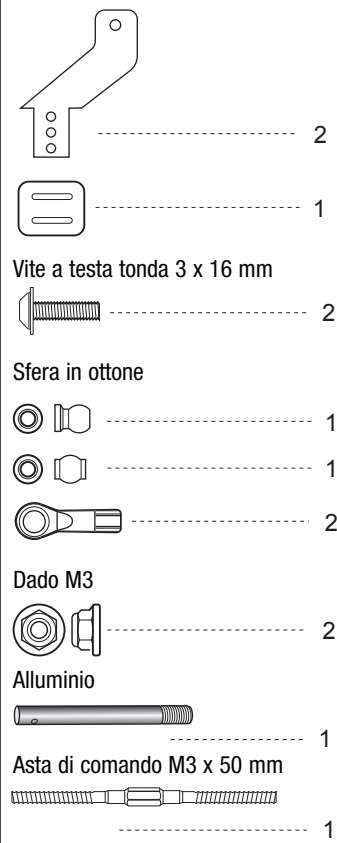
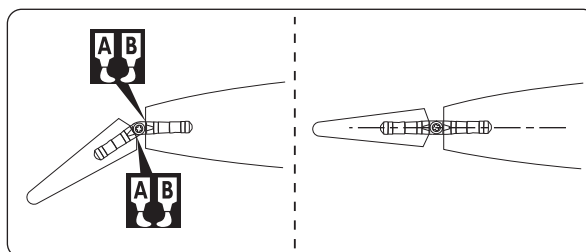


FISSAGGIO DEGLI ELEMENTI DELLO STABILIZZATORE ORIZZONTALE



 Ripetere lo stesso procedimento per il lato sinistro e destro

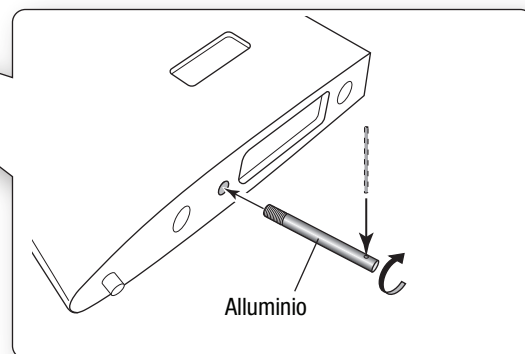
MONTAGGIO DELLA CERNIERA DEL TIMONE



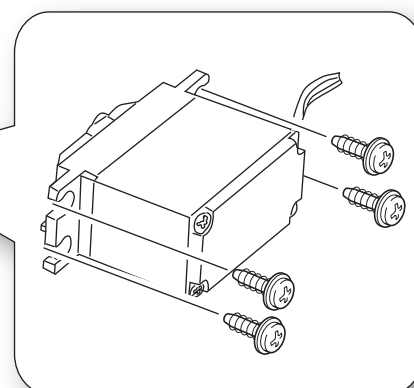
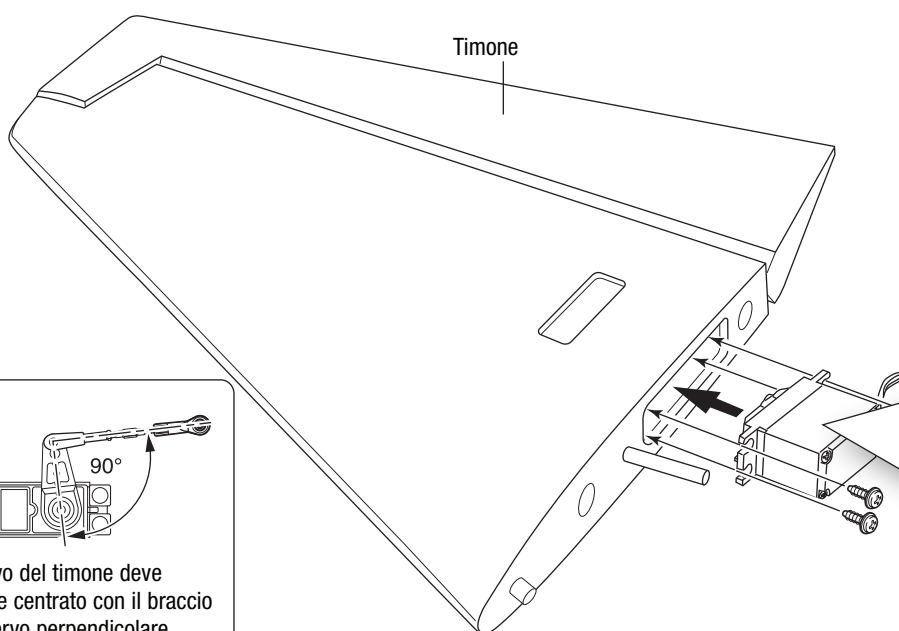
A/B Utilizzare un adesivo strutturale come la resina epossidica DLM Aero Tech.

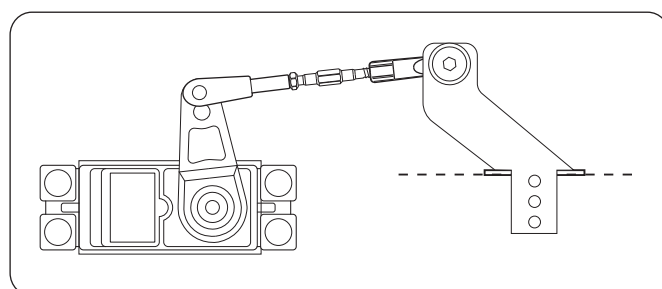
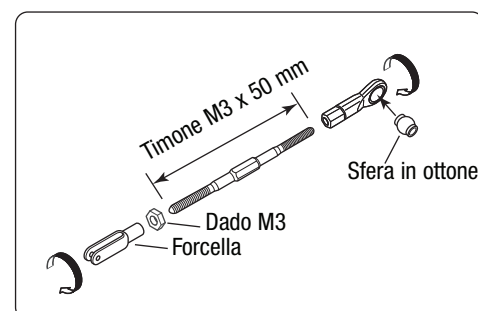
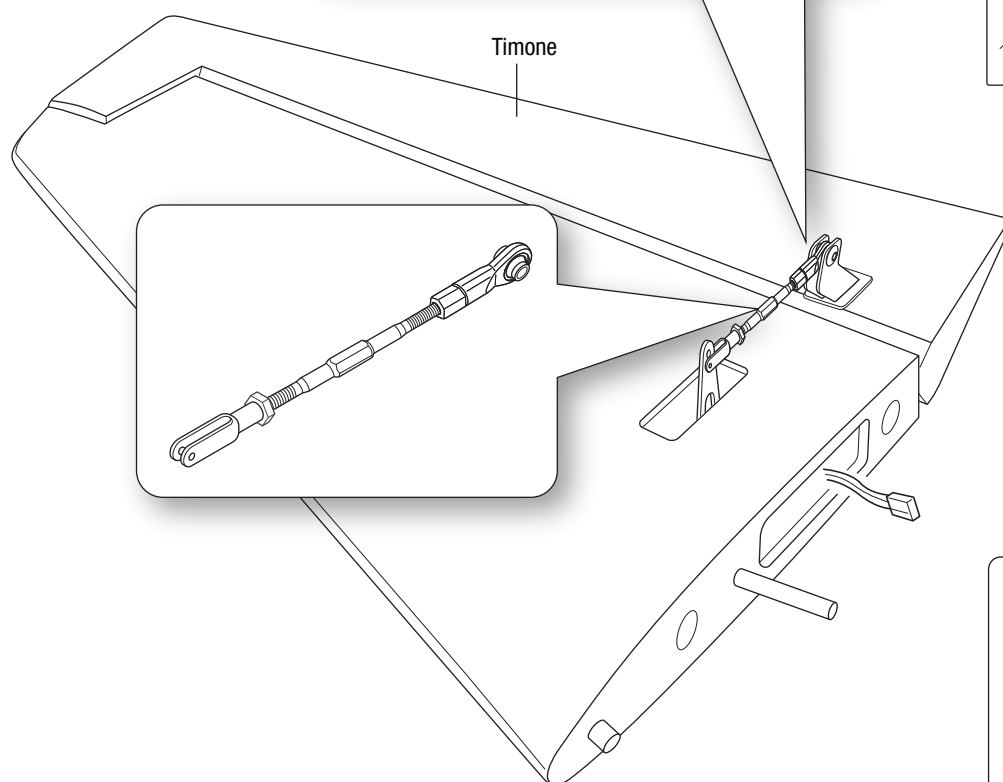
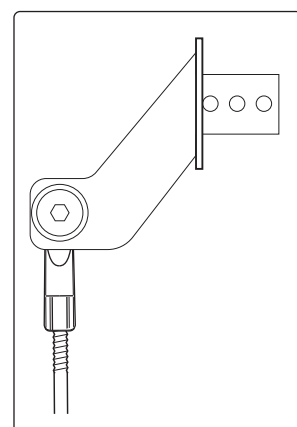
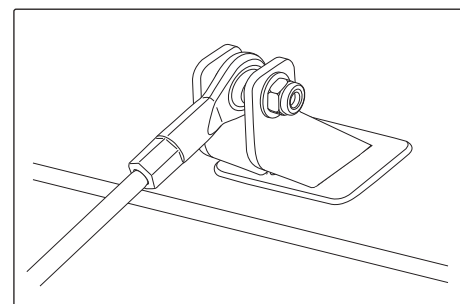
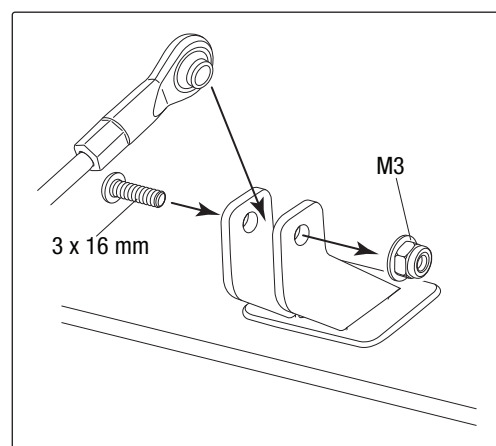
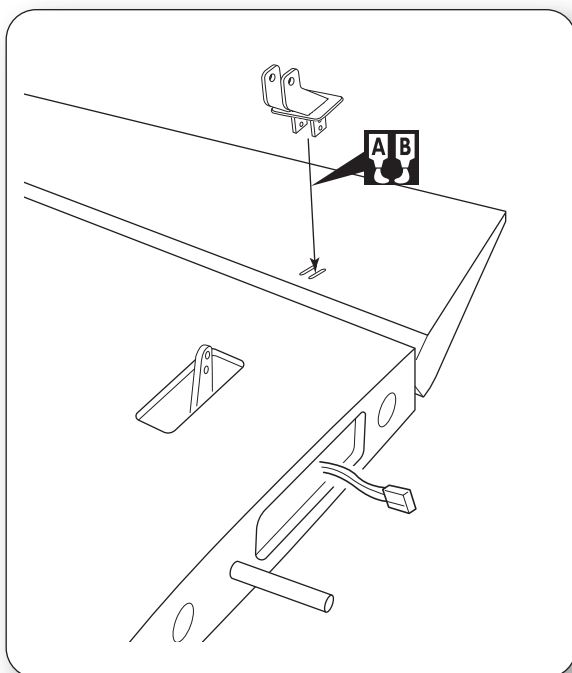
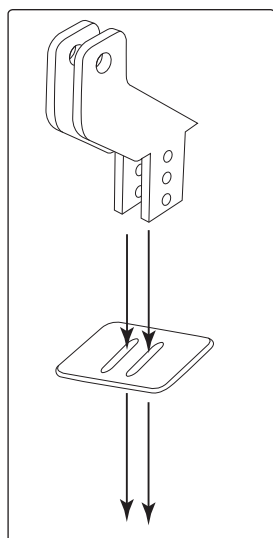
Rimuovere la parte ombreggiata

Assicurarsi che i leveraggi si muovano agevolmente durante il montaggio.
 Assicurarsi che le cerniere siano fissate correttamente prima di procedere.



MONTAGGIO DEL SERVO DEL TIMONE

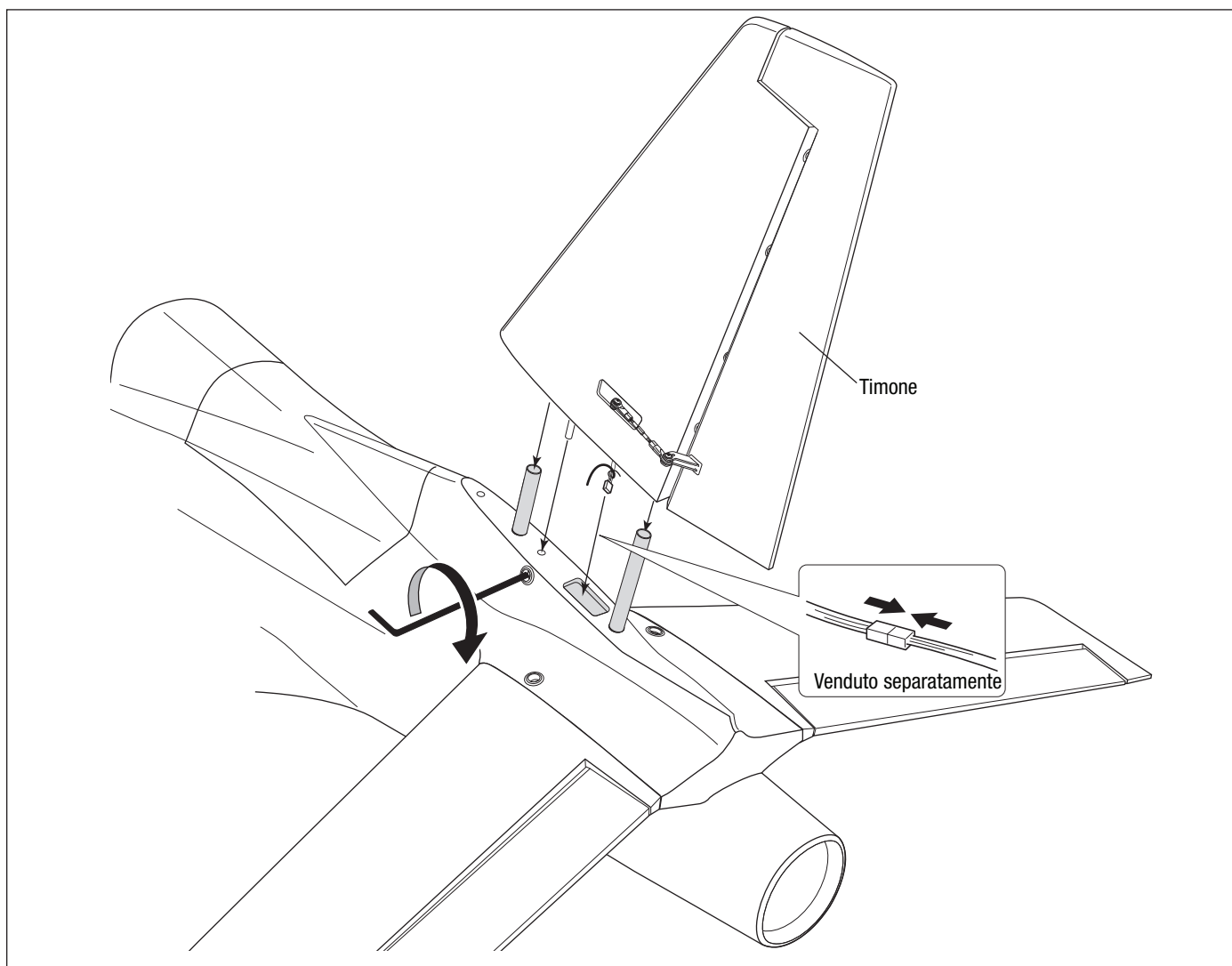




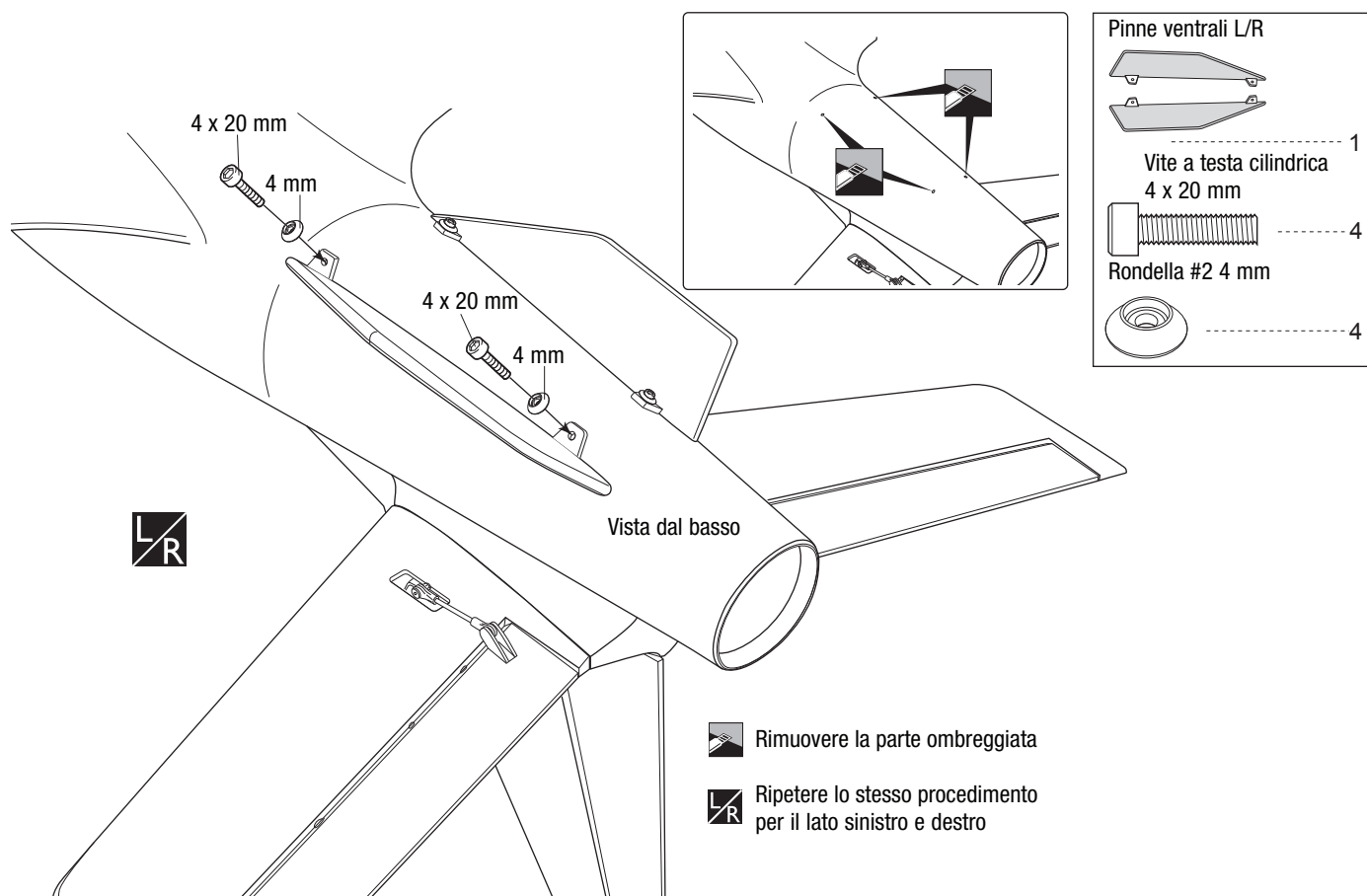
Utilizzare un adesivo strutturale come la resina epossidica DLM Aero Tech.

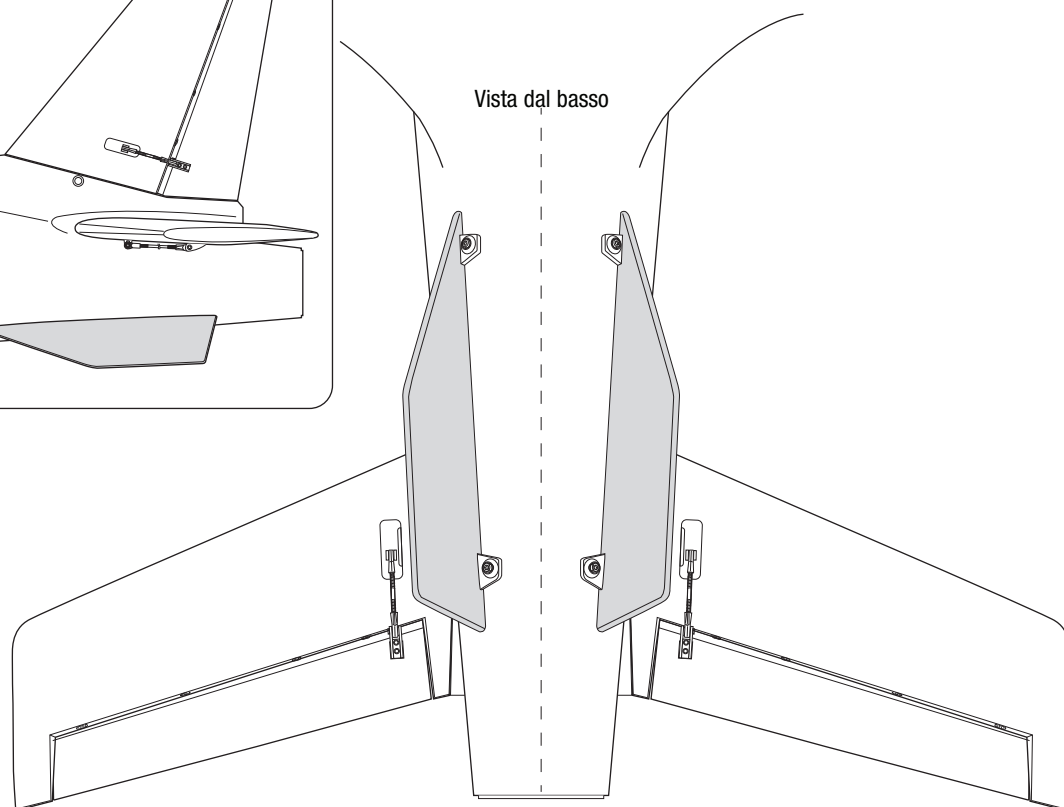
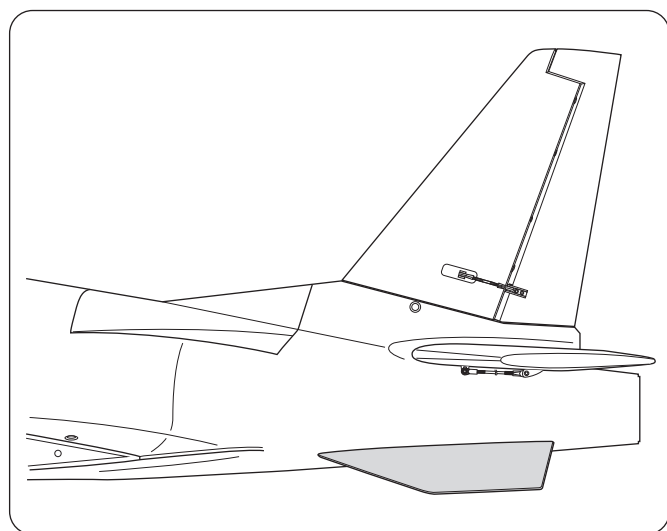


Rimuovere la parte ombreggiata



MONTAGGIO DELLE PINNE VENTRALI





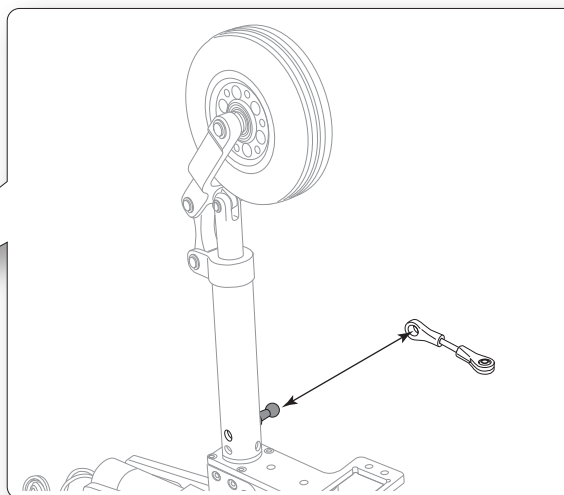
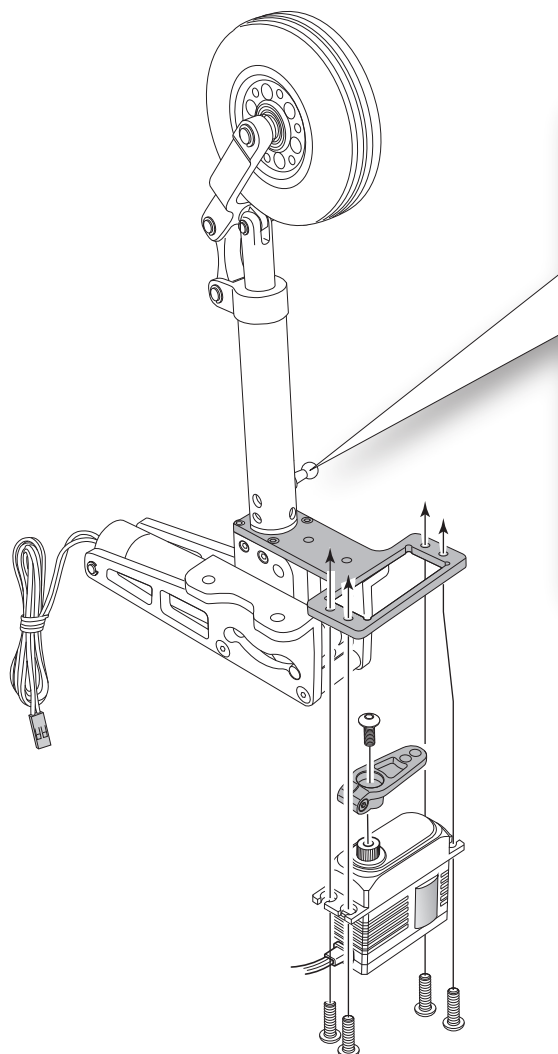
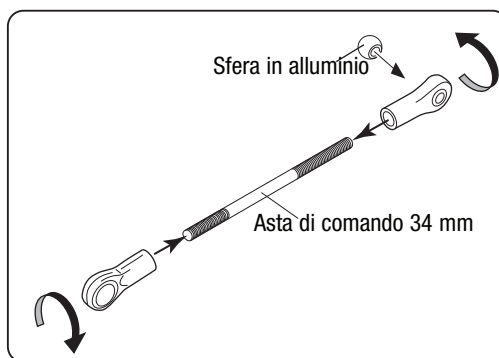
Vite a testa tonda 3 x 12 mm

Dado Nylock M3

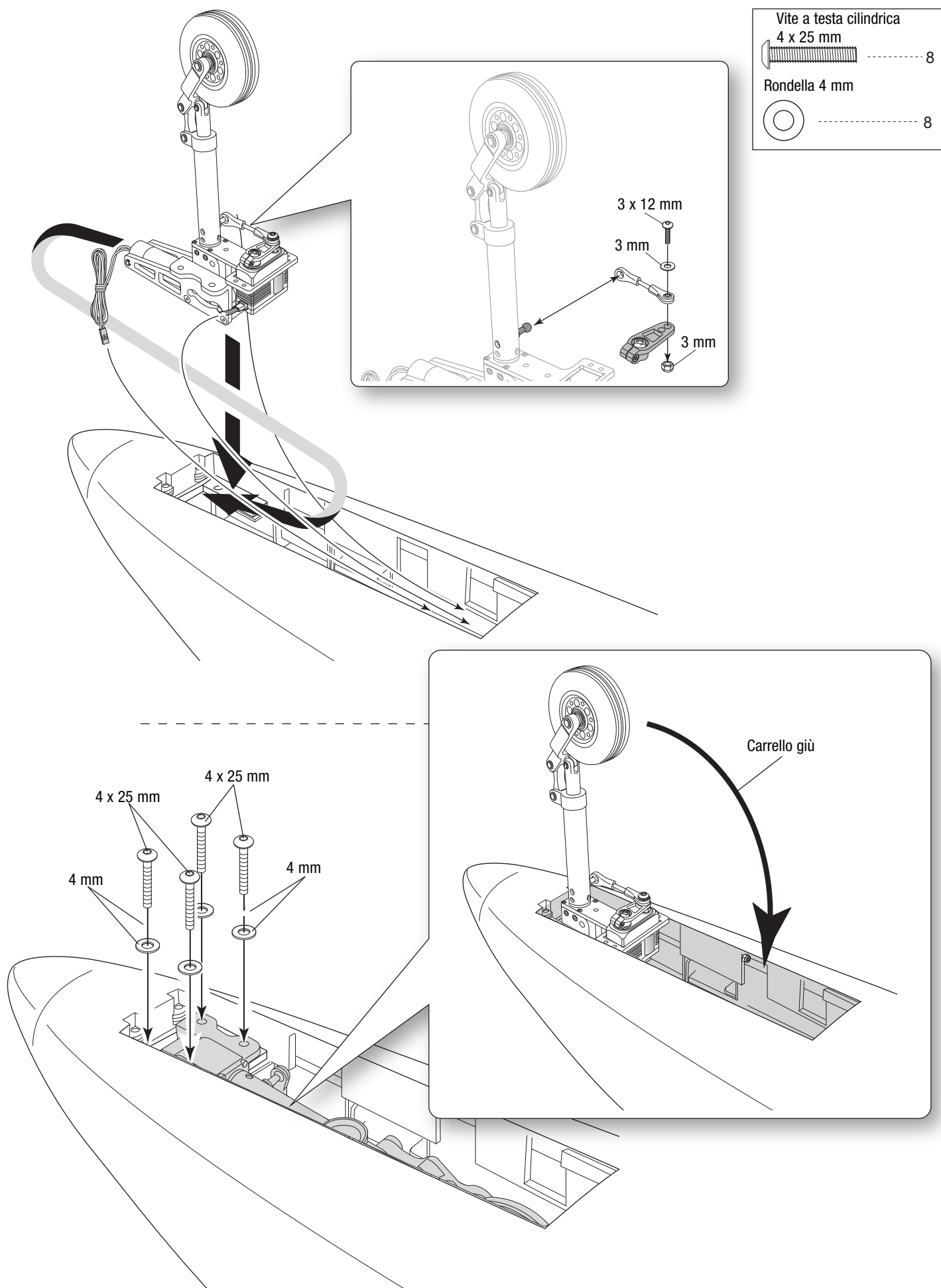
Rondella 3 mm

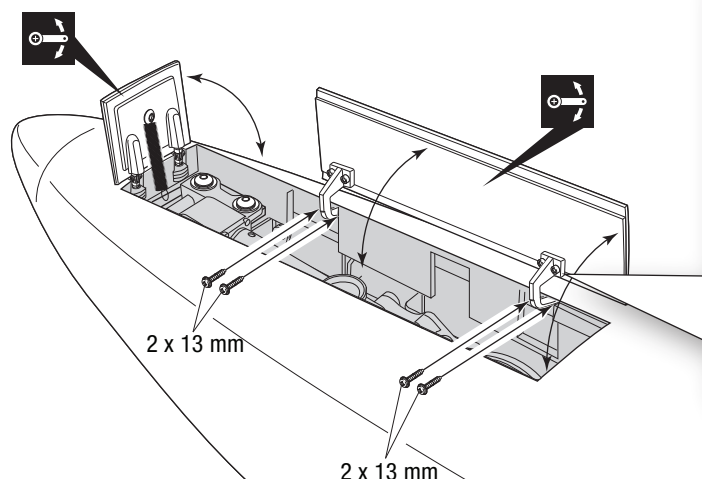
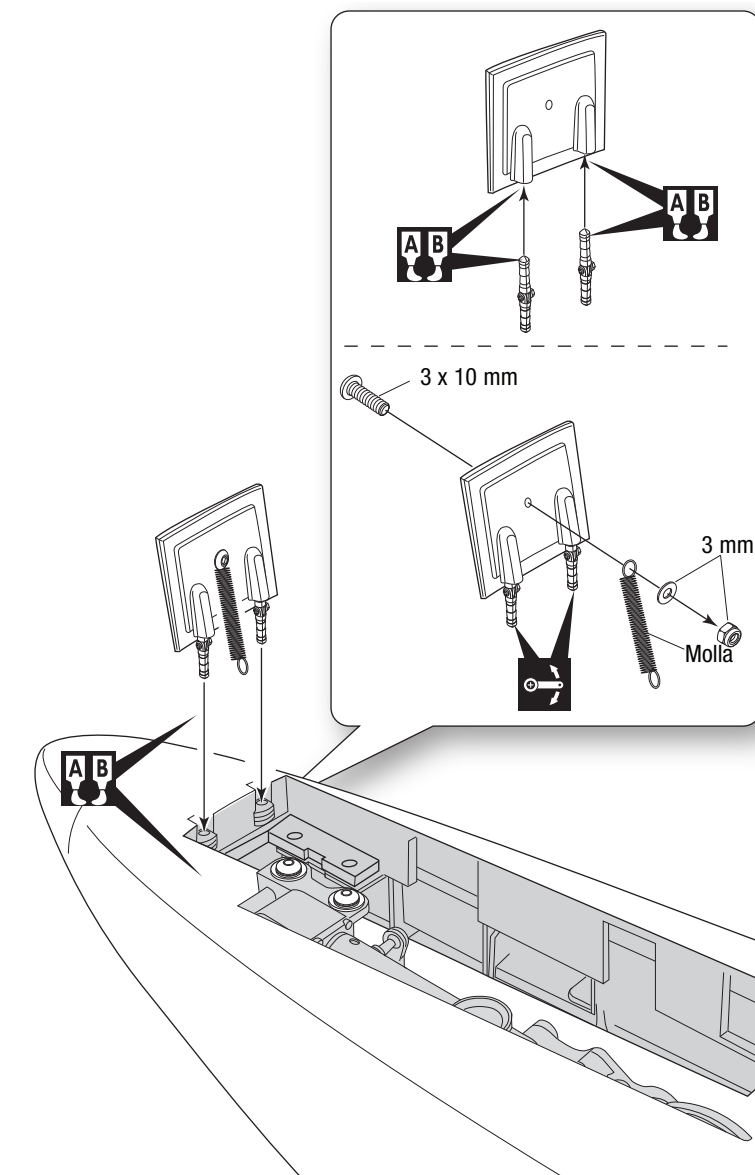
Sfera in alluminio

Asta di comando M3 x 34 mm



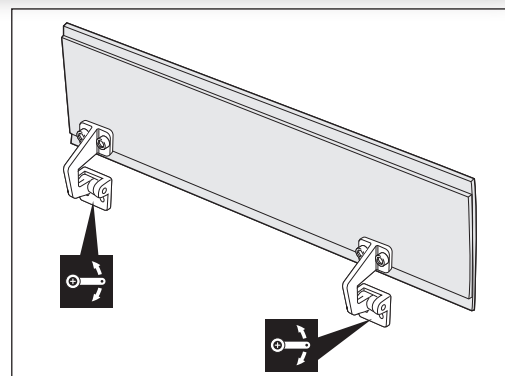
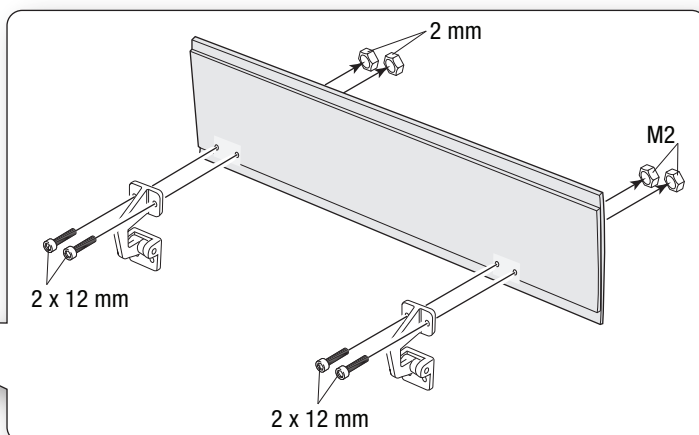
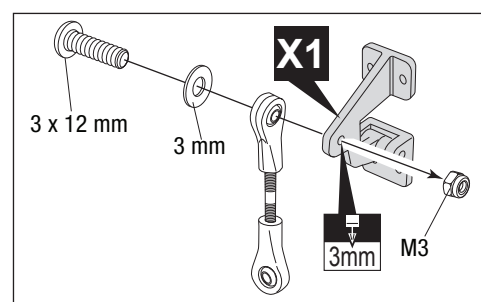
Assicurarsi che i leveraggi si muovano agevolmente durante il montaggio.





Cerniere a perno in plastica M (#3)	2
Cerniere in plastica (#8)	2
Vite a testa tonda 4 x 8 mm	1
Molla (#28)	1
Sfera in alluminio	2
Asta di comando M3 x 34 mm	1

Dado Nylock M3	3
Rondella 3 mm	3
Vite a testa tonda 3 x 12 mm	2
Vite a testa tonda 3 x 10 mm	1
Vite autofilettante 2 x 13 mm	6
Vite a testa cilindrica 2 x 12 mm	6
Dado M2	6



Praticare un foro da 3 mm



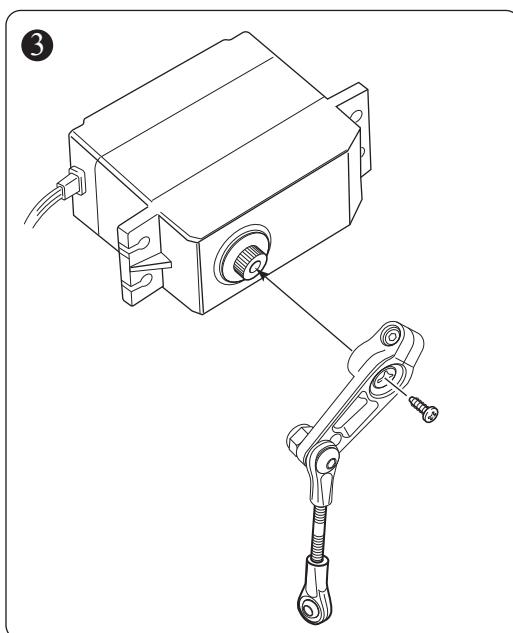
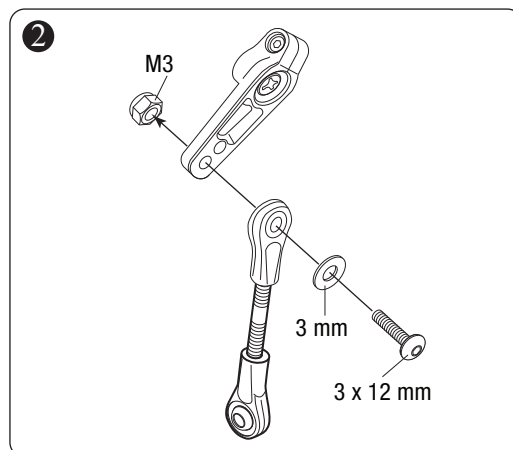
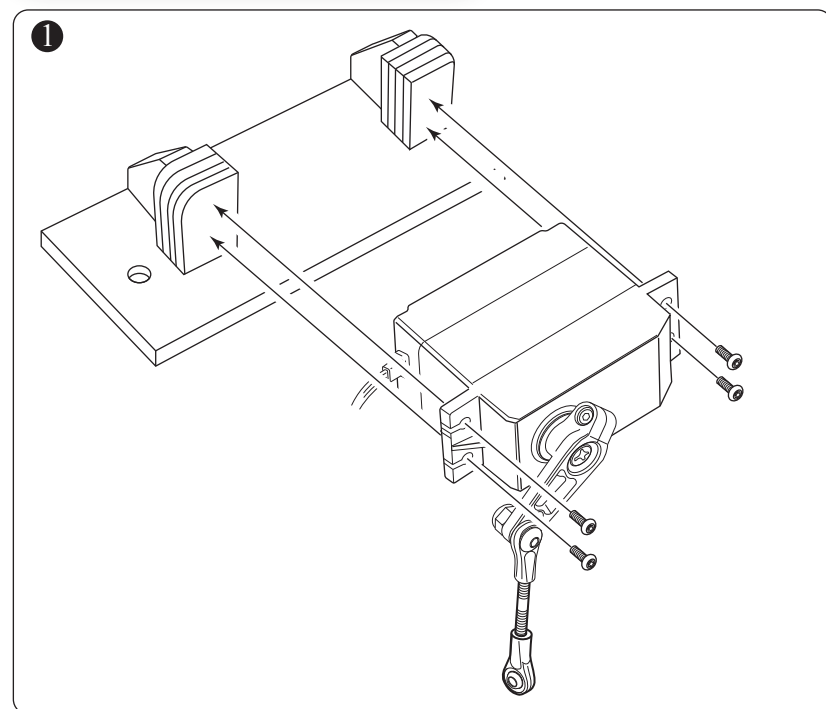
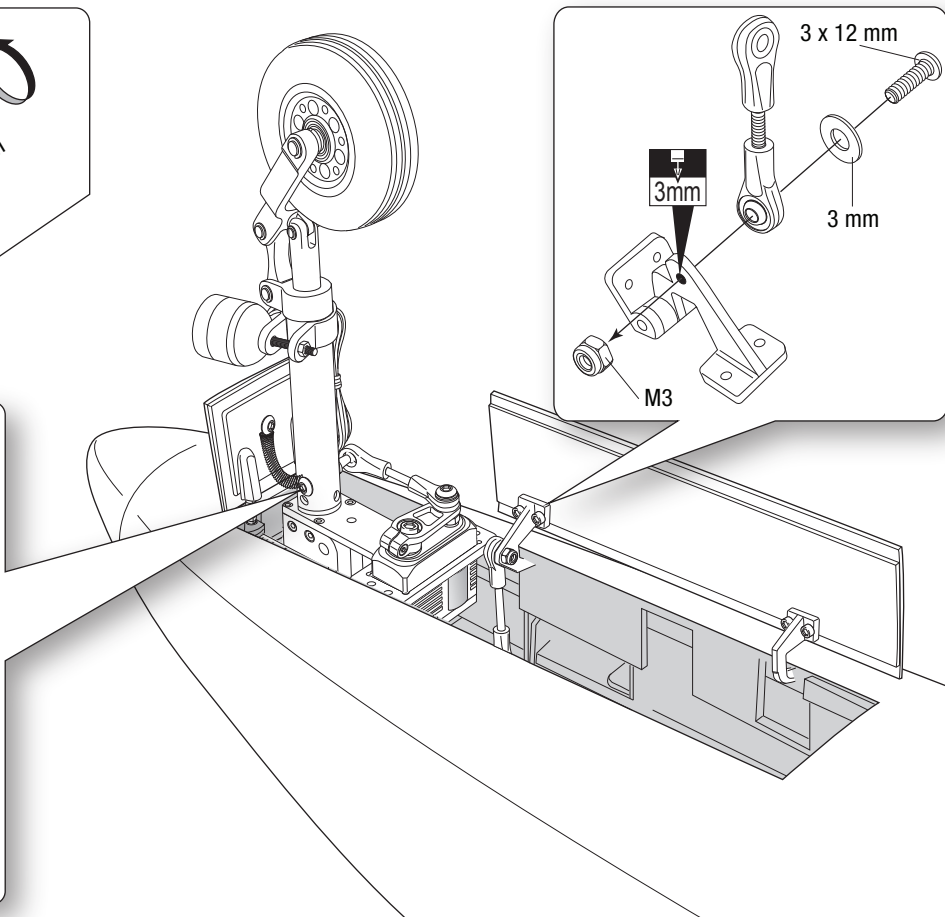
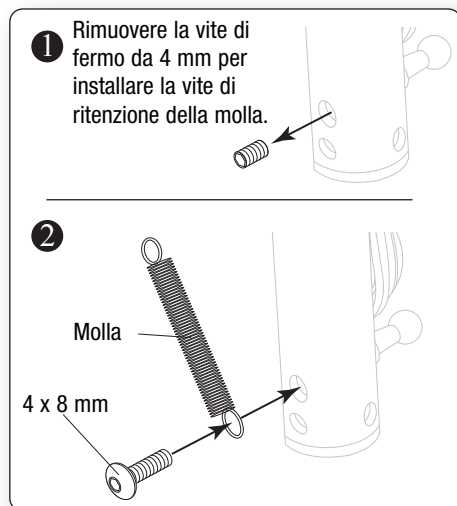
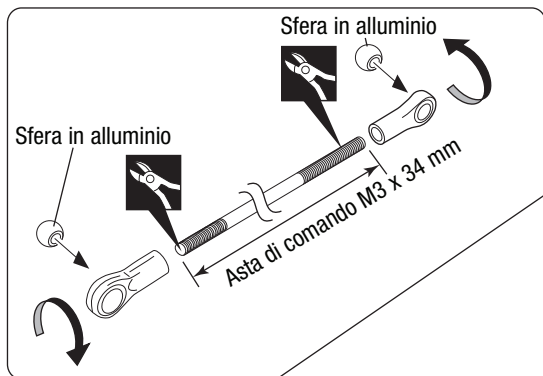
Utilizzare un adesivo strutturale come la resina epossidica DLM Aero Tech.



Rimuovere la parte ombreggiata



Assicurarsi che i leveraggi si muovano agevolmente durante il montaggio. Assicurarsi che le cerniere siano fissate correttamente prima di procedere.



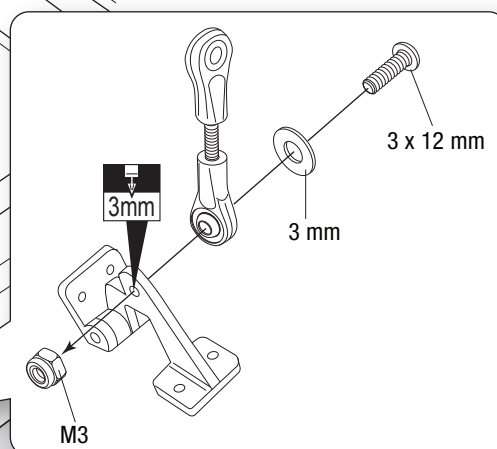
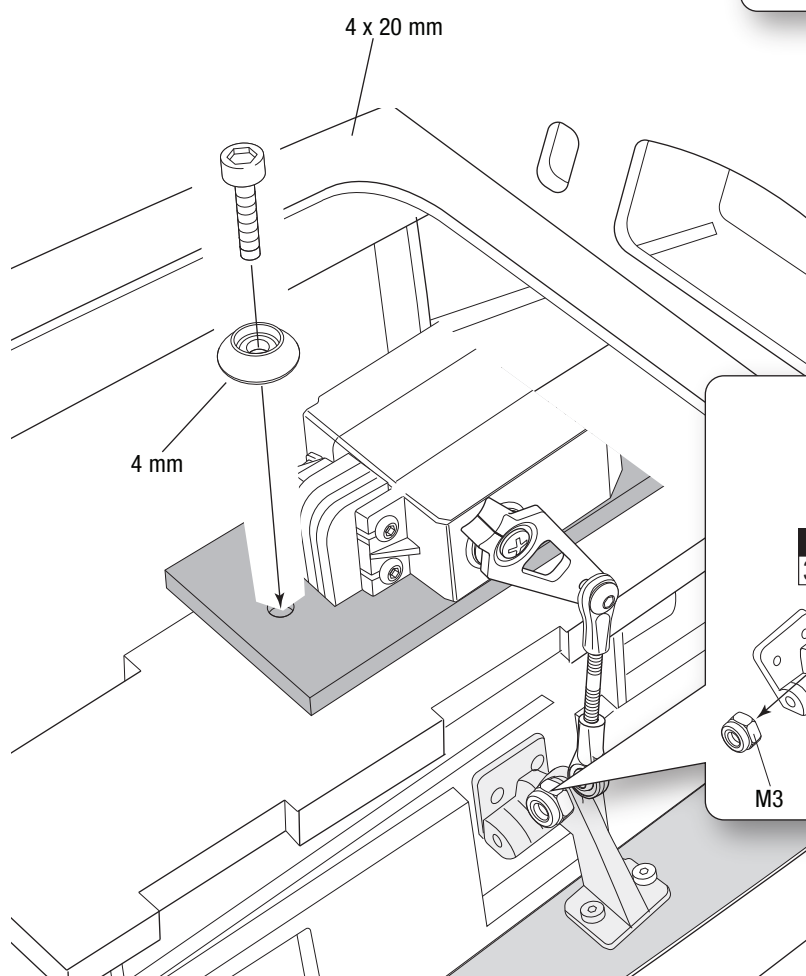
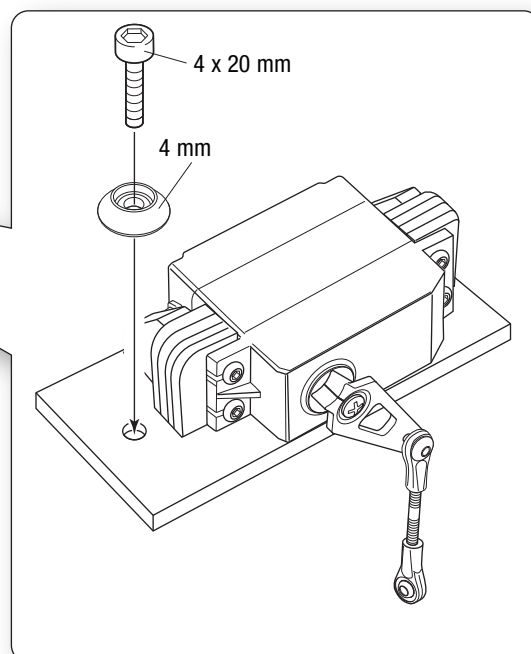
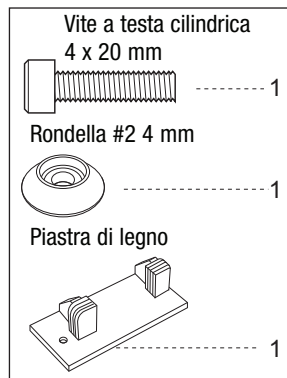
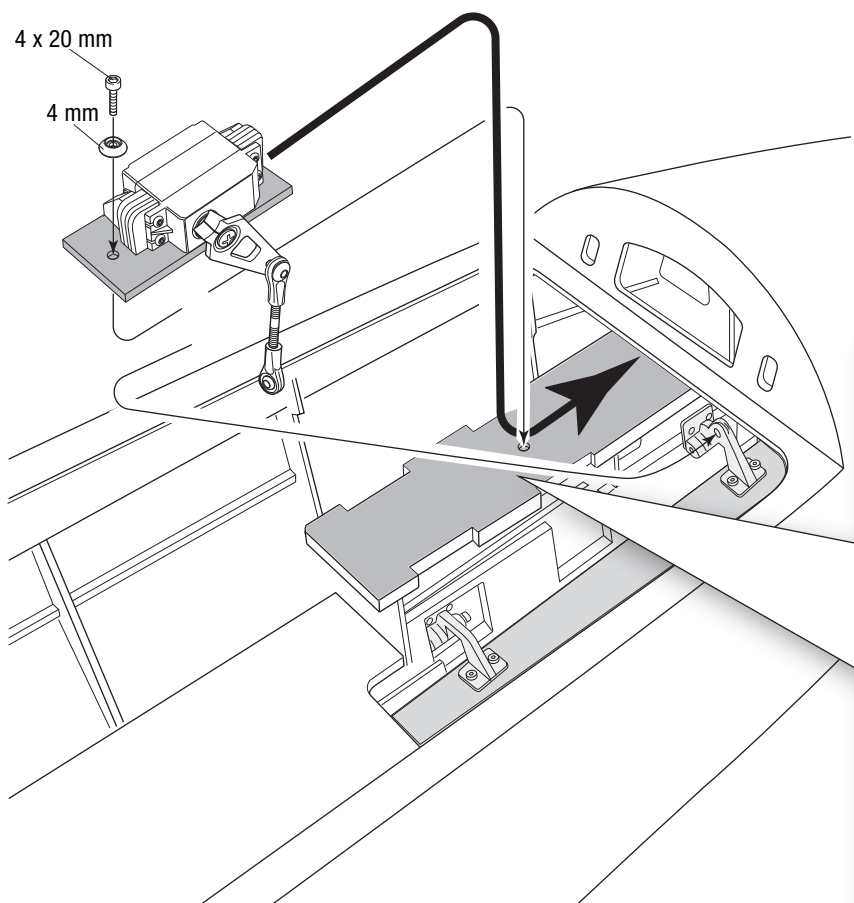
Tagliare l'eccesso



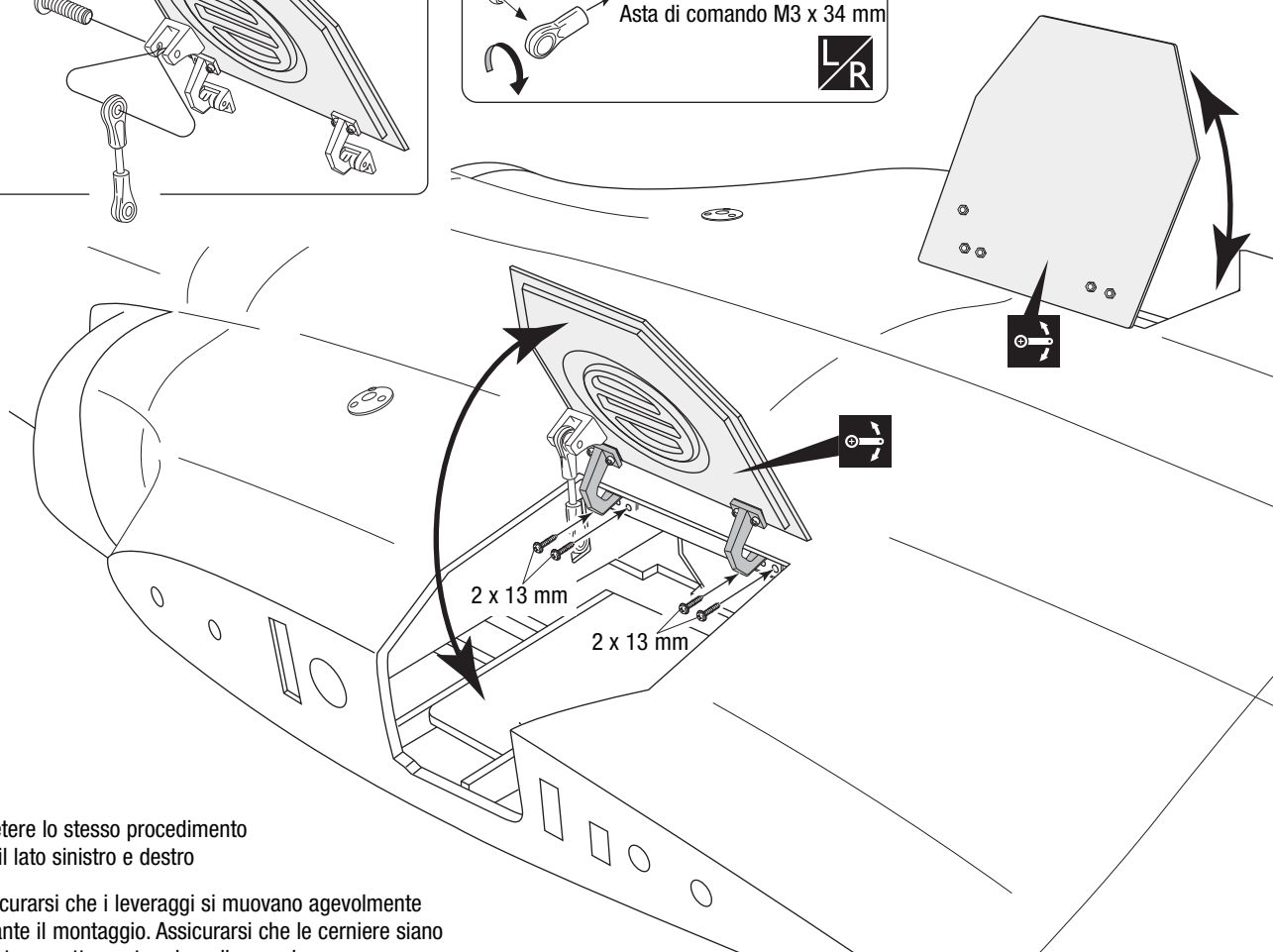
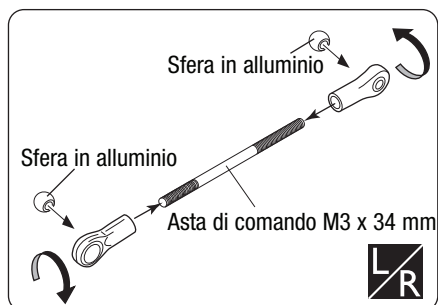
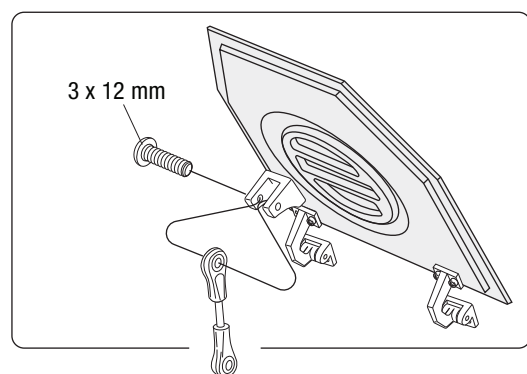
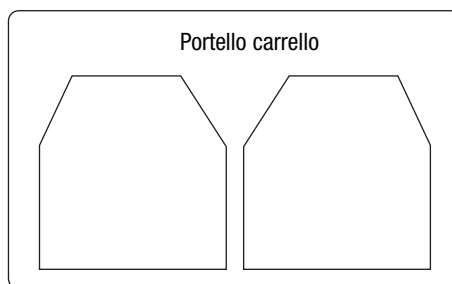
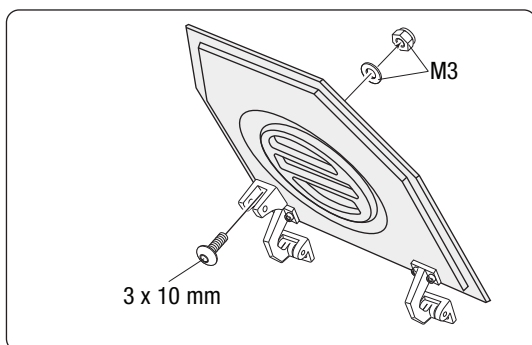
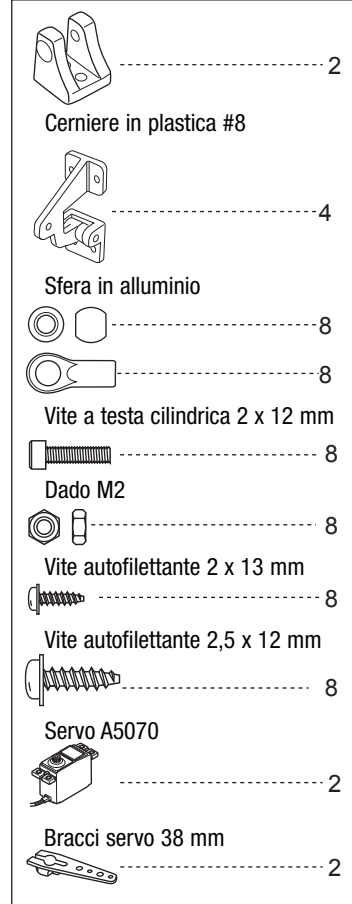
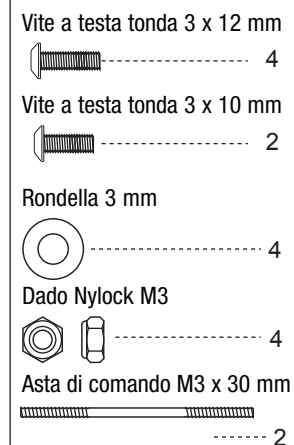
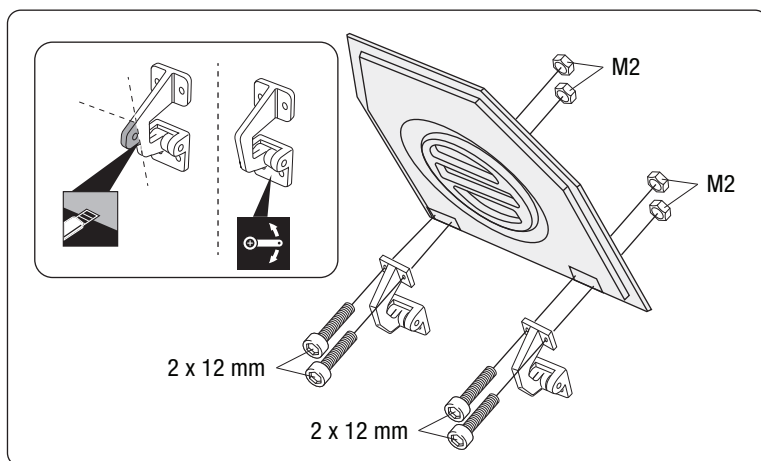
Praticare un foro da 3 mm



Assemblare nell'ordine specificato



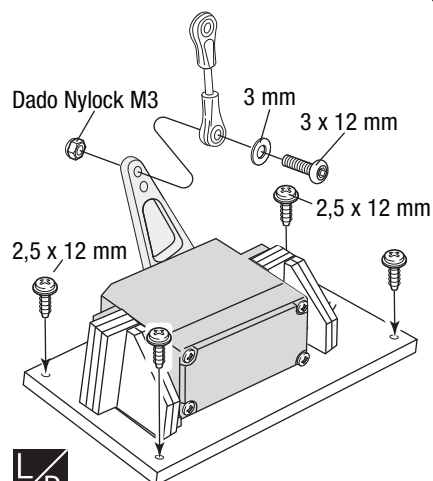
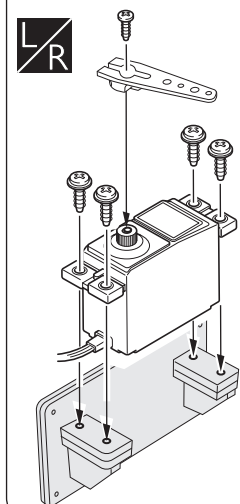
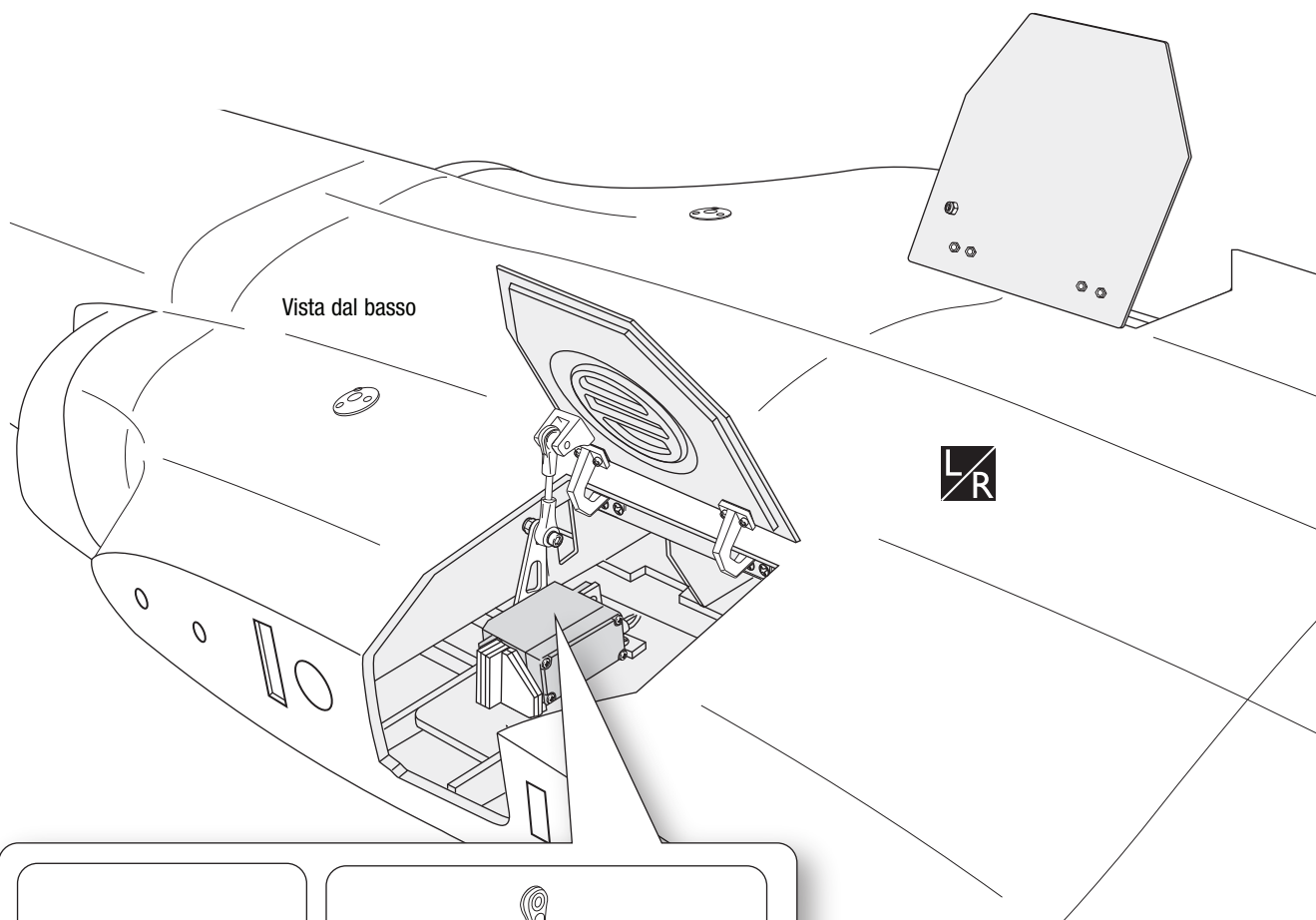
Praticare un foro da 3 mm



 Ripetere lo stesso procedimento per il lato sinistro e destro

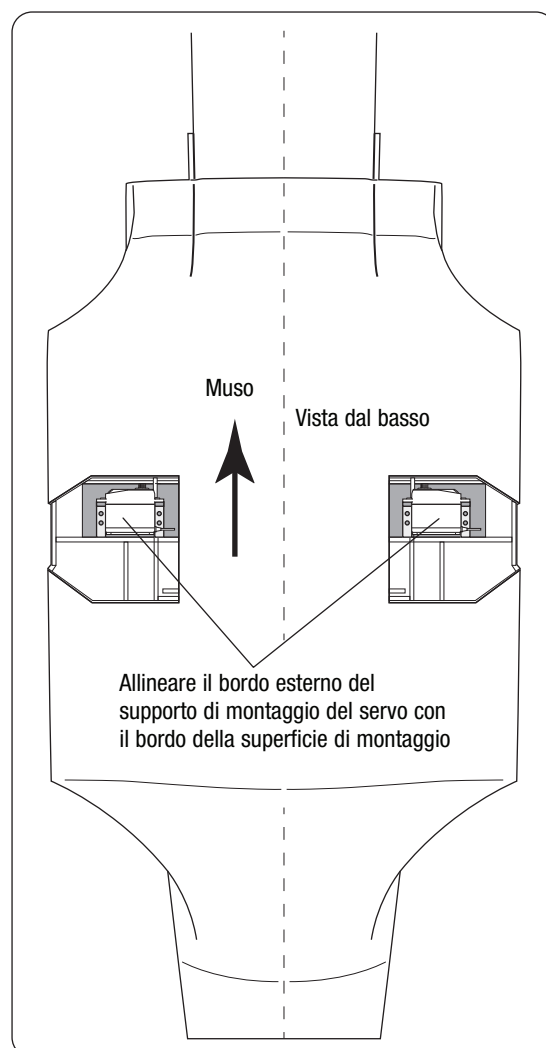
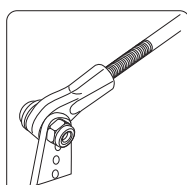
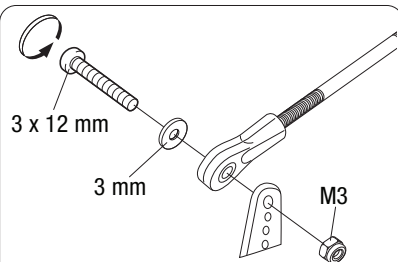
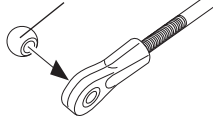
 Assicurarsi che i leveraggi si muovano agevolmente durante il montaggio. Assicurarsi che le cerniere siano fissate correttamente prima di procedere.

 Rimuovere la parte ombreggiata

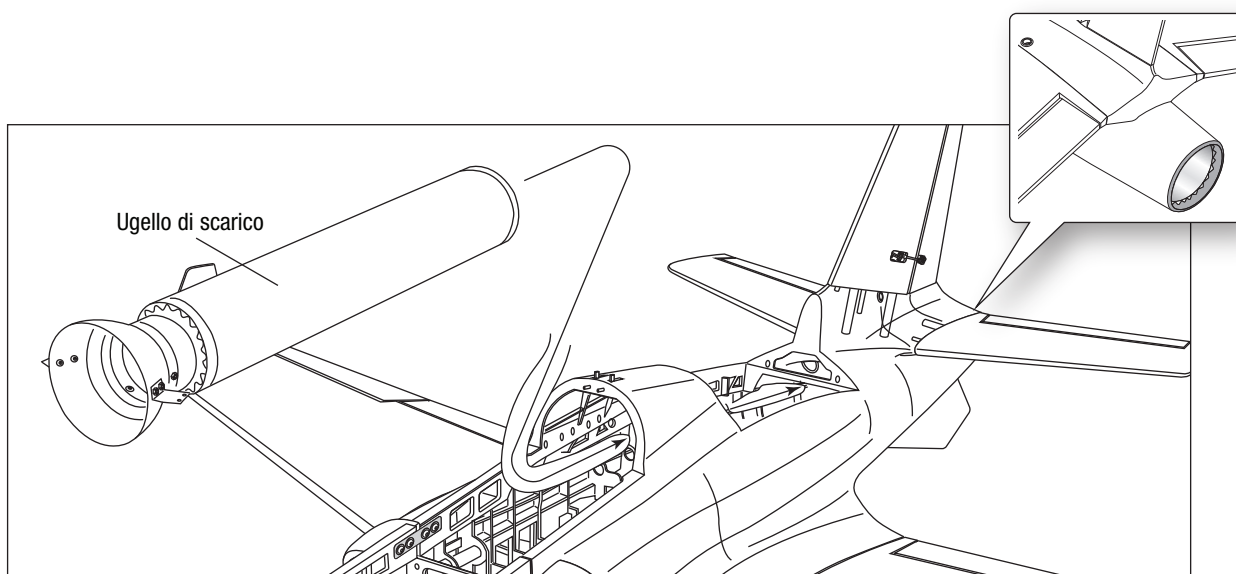
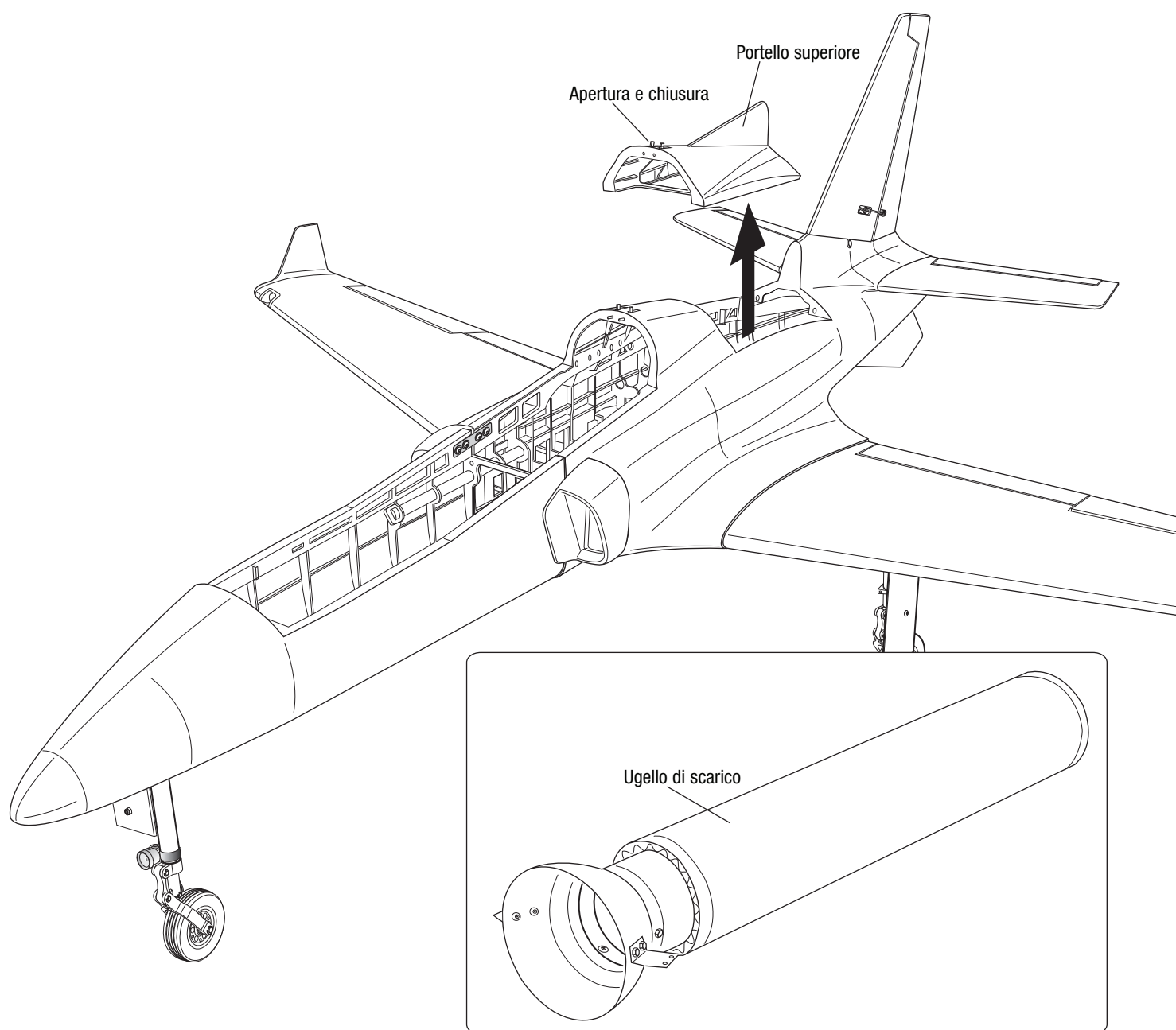


IMPORTANTE: prima di eseguire i fori pilota per le viti autofilettanti, inserire un pezzo di materiale di scarto sotto la superficie di montaggio del supporto del servo per evitare di forare la superficie esterna dell'ala.

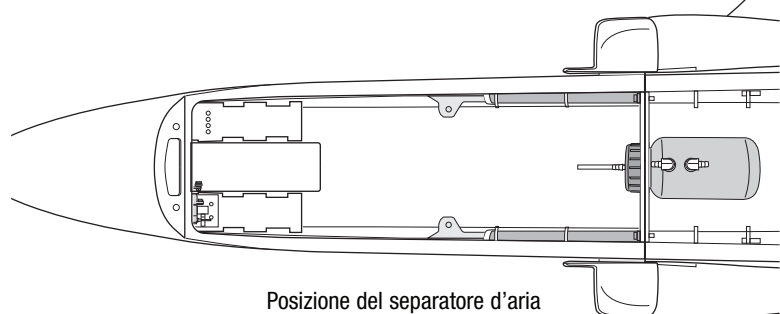
Sfera in alluminio



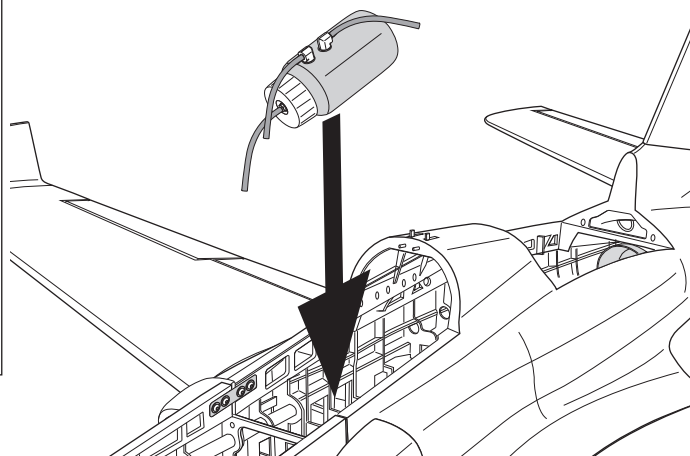
L/R Ripetere lo stesso procedimento per il lato sinistro e destro



Vista superiore



Montaggio del separatore d'aria



Pendolino



Tappo del serbatoio del carburante



Serbatoio del carburante



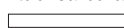
Tappo in gomma



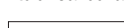
Piastra di supporto



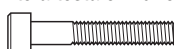
4 tubi carburante da 60 mm



4 tubi carburante da 120 mm



Vite a testa cilindrica 3 x 25 mm



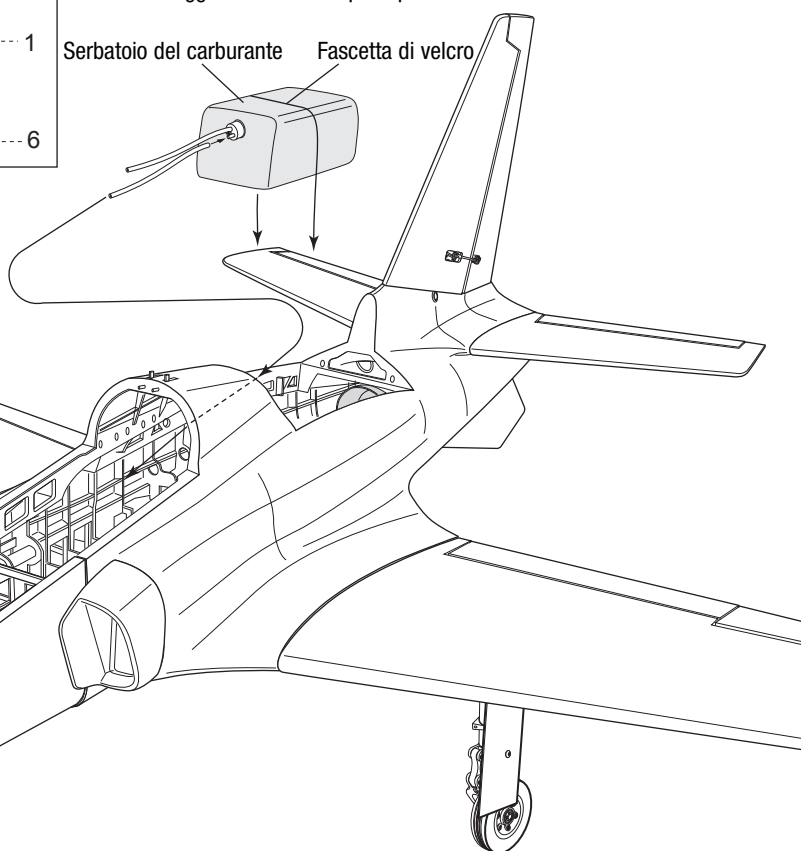
Fascetta



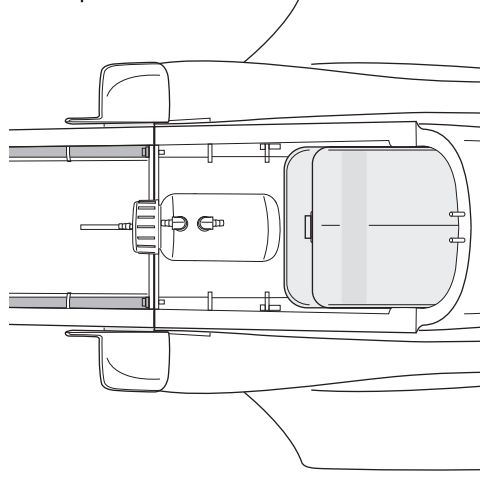
Montaggio del serbatoio principale

Serbatoio del carburante

Fascetta di velcro

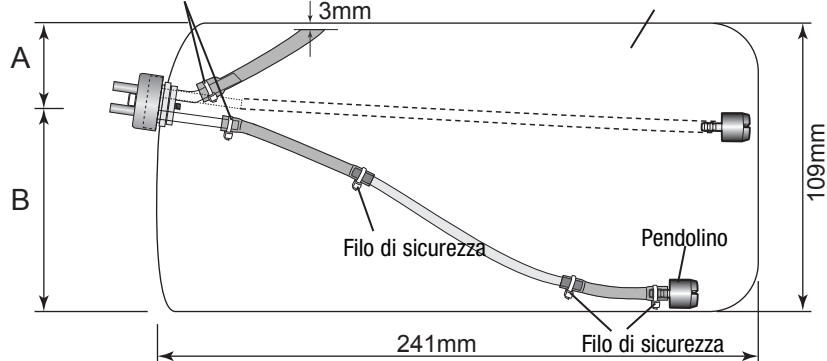


Vista superiore

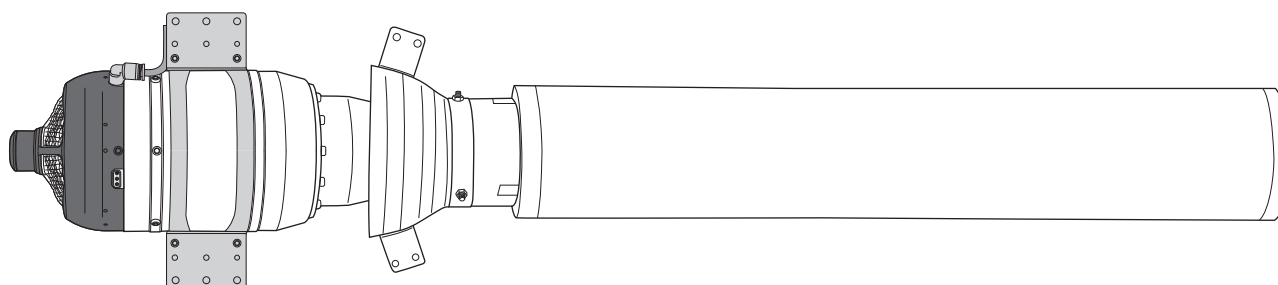
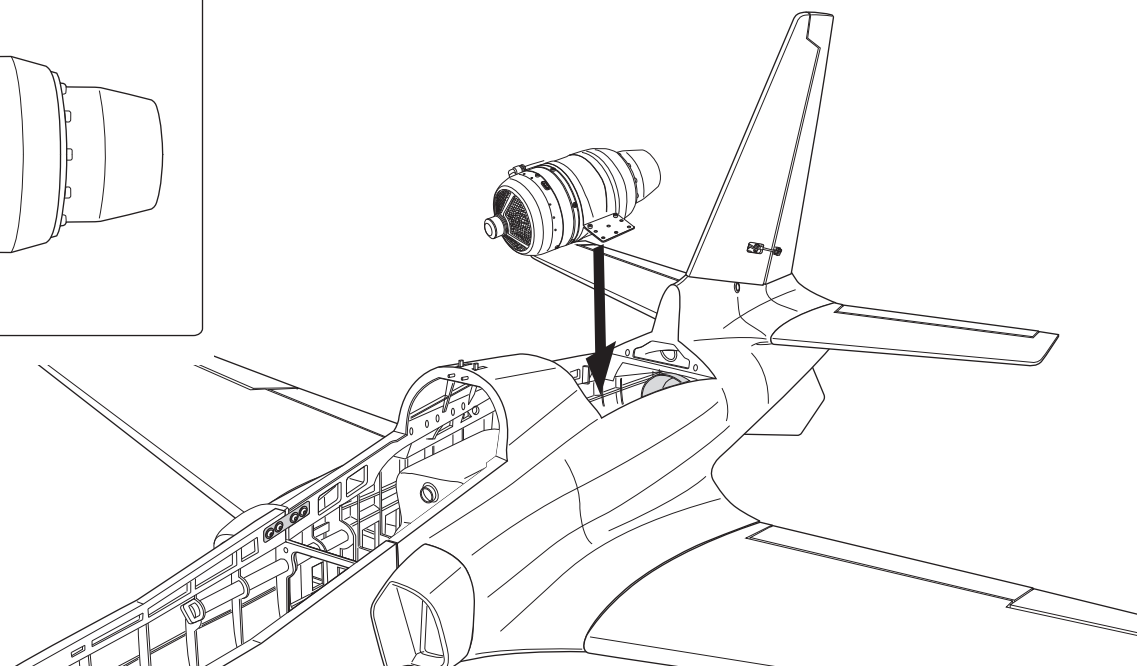
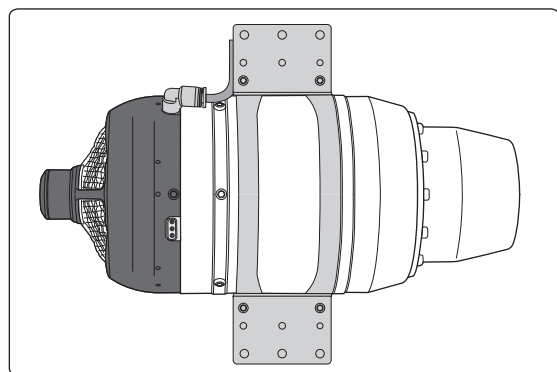


Serbatoio principale

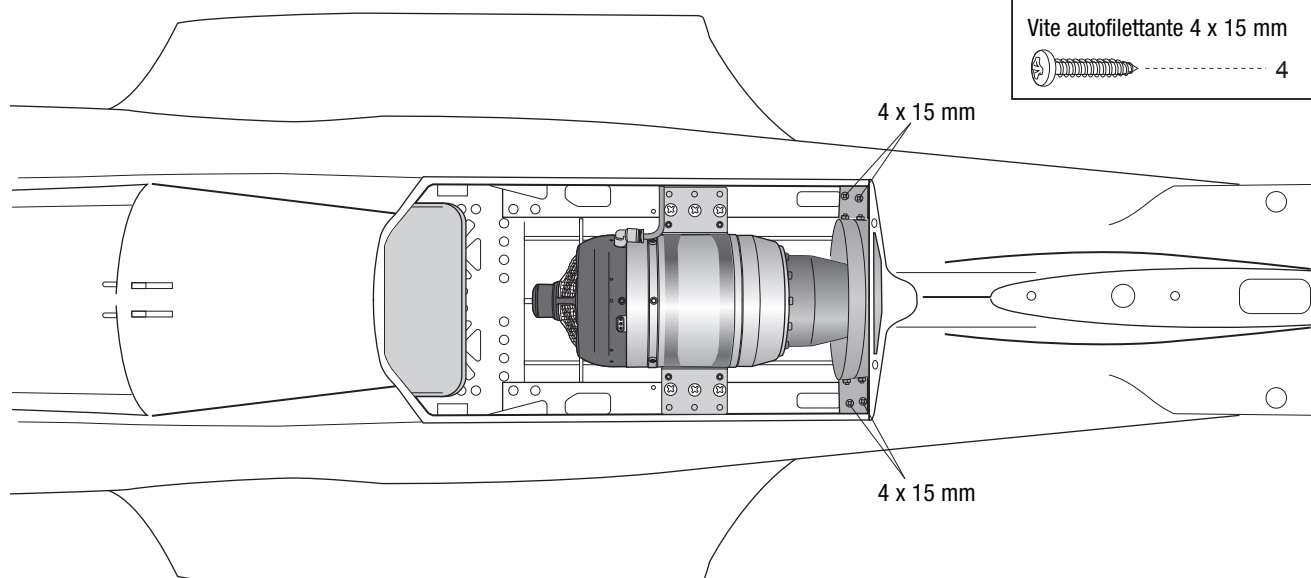
Filo di sicurezza

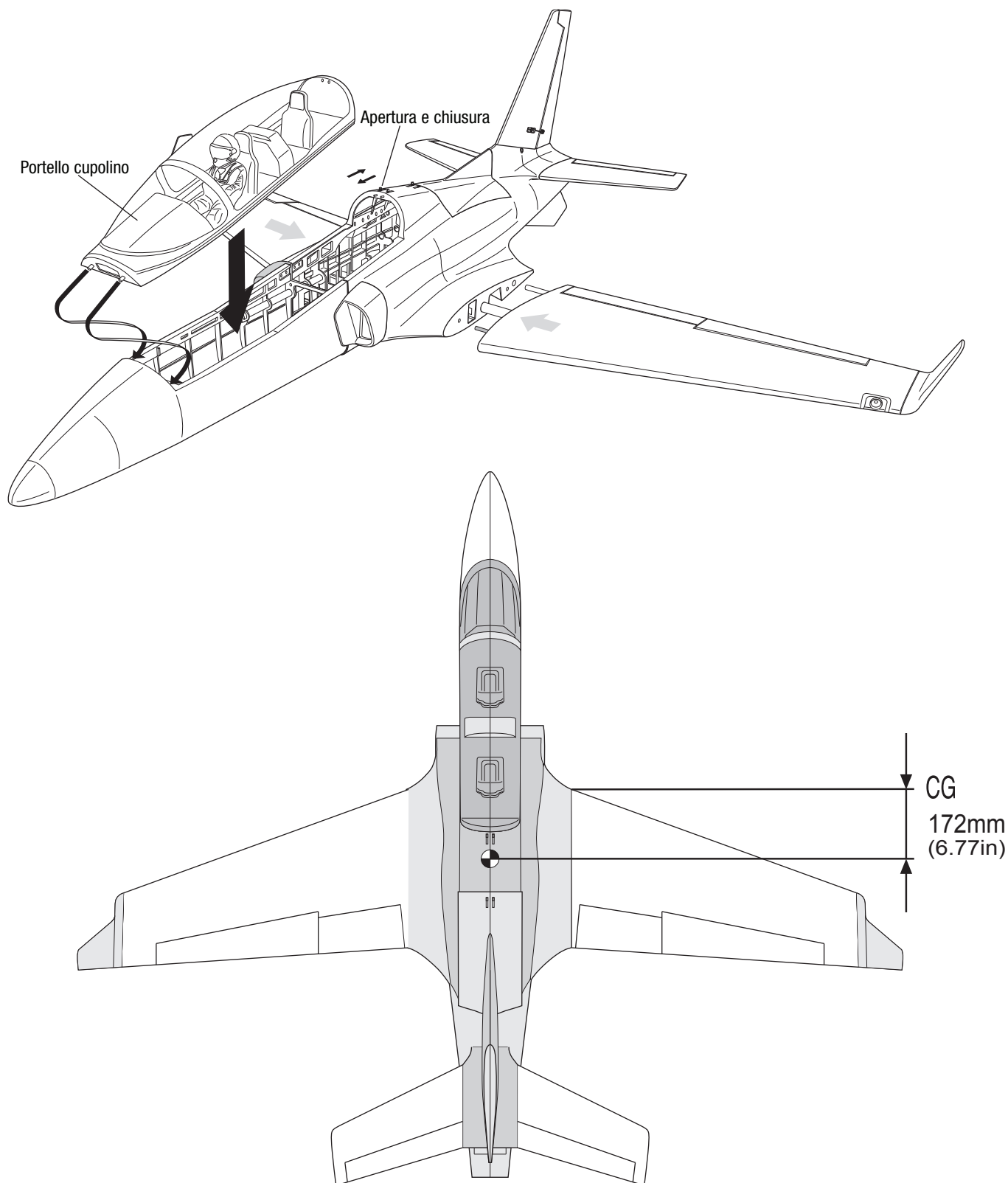


Assicurarsi che il pendolino possa muoversi liberamente in tutte le direzioni e che non si blocchi.



Impostare la distanza tra l'estremità della turbina e la parte anteriore dell'ugello di scarico in base alle raccomandazioni del produttore della turbina.





Una fase importante della preparazione al volo è quella dell'individuazione di un bilanciamento accurato. La gamma di valori qui indicata per il centro di gravità (CG) è il risultato dei test effettuati. È possibile adottare impostazioni diverse da quelle qui riportate per portare il modello a rispondere in modo meglio corrispondente allo stile di volo del pilota. Consigliamo di iniziare con il centro di gravità raccomandato e di sperimentare punti di equilibrio diversi. Fare attenzione quando si apportano modifiche al CG.

1. Assemblare il modello e prepararlo per il volo. Prestare attenzione a collegare i cavi ai cavi corrispondenti del ricevitore. Assicurarsi sempre che non vi siano cavi schiacciati o esposti prima di serrare qualsiasi componente. Prima di procedere al bilanciamento, assicurarsi che il modello sia in configurazione pronta per il volo.

2. La verifica del baricentro si effettua osservando il peso del modello su ciascuna ruota. Questa operazione può essere eseguita con un set di pesi e bilancia dedicato, oppure con una bilancia e due distanziali.
3. Quando si esegue il bilanciamento del modello, assicurarsi sia ben assemblato e pronto per il volo.

CORSE DEI COMANDI

- 1. Accendere la trasmittente e il ricevitore del modello. Controllare il movimento del timone con la trasmittente. Quando lo stick viene mosso verso destra, anche il timone deve muoversi verso destra. Se necessario, invertire la direzione del servo sulla trasmittente.
- 2. Controllare il funzionamento dell’elevatore usando il radiocomando. Spostando lo stick dell’elevatore verso la parte inferiore della trasmittente, l’elevatore si muove verso l’alto.
- 3. Controllare il funzionamento degli alettoni usando il radiocomando. Spostando lo stick degli alettoni verso destra, l’alettone destro si sposta verso l’alto e quello sinistro verso il basso.
- 4. Usare un righello per controllare la corsa di elevatore, alettoni e timone.

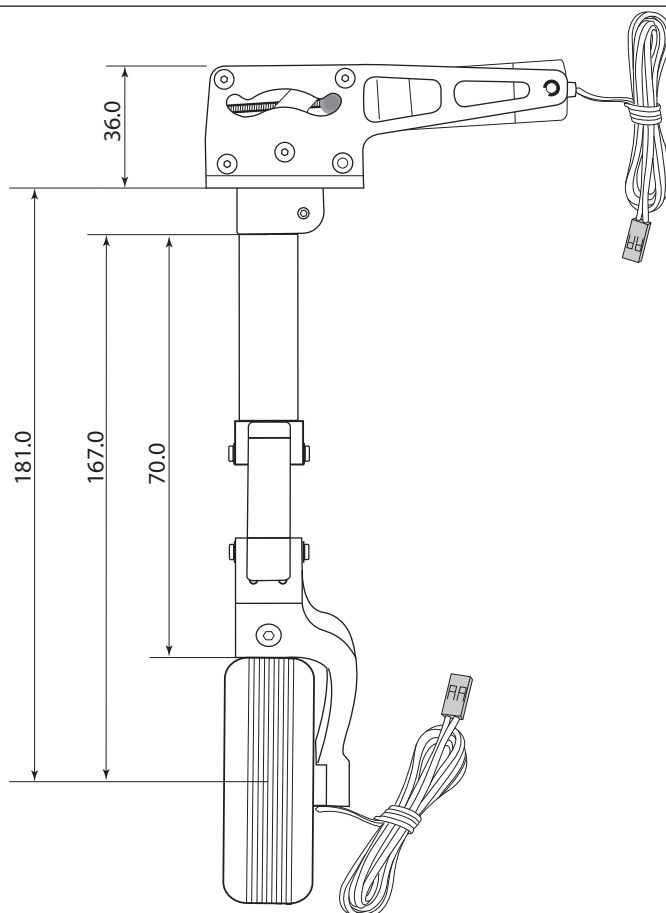
Configurazione Crow opzionale: alettoni sollevati di 10 mm con i flap completamente abbassati.

Superficie	Rateo	Esponenziale	Direzione	Spinta
Alettone	Alto	24%	Su	25mm
			Giù	25mm
	Basso	6%	Su	18mm
			Giù	18mm
Elevatore	Alto	24%	Su	32mm
			Giù	32mm
	Basso	6%	Su	24mm
			Giù	24mm
Timone	Alto	24%	Sinistra	55mm
			Destra	55mm
	Basso	6%	Sinistra	35mm
			Destra	35mm
Flap			Parziale	35mm
			Pieno	55mm

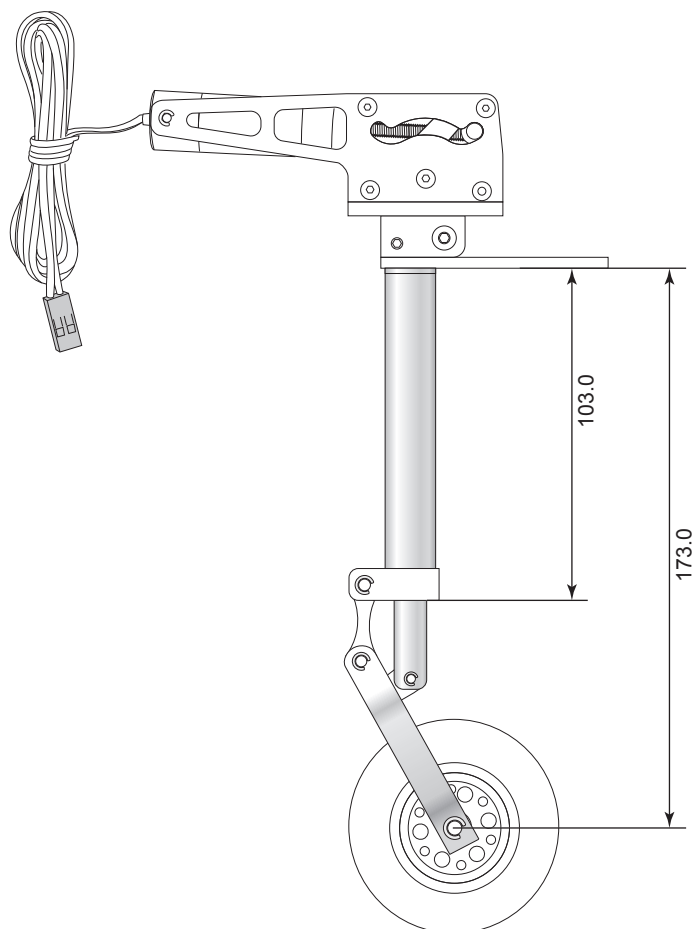
Queste sono le linee guida dei nostri test di volo. Si può comunque provare con ratei più alti o più bassi secondo lo stile di volo che si preferisce.

Ripetere sempre il binding del sistema di radiocomando una volta impostate le corse dei comandi in modo da impedire ai servo di spostarsi a fine corsa prima che trasmittente e ricevitore non abbiano stabilito la connessione.

Carrello principale



Carrello anteriore



CONTROLLI PREVOLO

- Caricare le batterie di trasmettente, ricevitore e motore. Seguire le istruzioni fornite con il caricabatterie. Seguire tutte le istruzioni del produttore per i componenti elettronici.
- Controllare l'installazione della radio e assicurarsi che tutte le superfici di controllo (alettoni, elevatore, timone e flap) si muovano correttamente (cioè nella direzione corretta e con le corse consigliate).
- Controllare tutte le parti meccaniche (squadrette di controllo, bracci del servo e forcelle) per assicurarsi che siano ben fissate e in buone condizioni.
- Prima di ogni sessione di volo (e soprattutto con un modello nuovo), eseguire un controllo della portata del sistema radio. Consultare il manuale del radiocomando per la portata consigliata e le istruzioni specifiche del sistema radio in uso.

CONTROLLI GIORNALIERI DI VOLO

- Controllare la tensione della batteria della trasmettente. Non volare al di sotto della tensione raccomandata dal produttore. Farlo può causare lo schianto al suolo del modello.
- Controllare tutte le parti meccaniche (leveraggi, viti, dadi e bulloni) prima di ogni giornata di volo. Assicurarsi che non vi siano impuntamenti e che tutte le parti siano fissate correttamente.
- Assicurarsi che tutte le superfici si muovano nel modo corretto.
- Eseguire un controllo della portata al suolo prima di ogni sessione di volo giornaliera.
- Tutti i cavi del servo e i connettori dei cablaggi degli interruttori devono essere ben inseriti nella ricevente.

GARANZIA LIMITATA

Cosa copre questa garanzia

Horizon Hobby, LLC (Horizon) garantisce all'acquirente originale che il prodotto acquistato (il "Prodotto") sarà esente da difetti di materiali e fabbricazione alla data di acquisto.

Cosa non è coperto

La presente garanzia è personale, non trasferibile e non copre: (i) danni di natura estetica; (ii) danni causati da eventi naturali, incidenti, uso improprio o negligente, abuso, utilizzo commerciale, o da installazione, utilizzo, funzionamento o manutenzione non corretti; (iii) modifiche apportate al Prodotto o a qualsiasi sua componente; (iv) interventi di assistenza effettuati da soggetti non autorizzati da Horizon Hobby; (v) Prodotti acquistati presso rivenditori non autorizzati Horizon; (vi) Prodotti non conformi alle normative tecniche vigenti; o (vii) l'uso del Prodotto in violazione di leggi, regolamenti o normative applicabili.

OLTRE ALLA GARANZIA ESPRESSA DI CUI SOPRA, HORIZON NON RICONOSCE ALCUNA ALTRA GARANZIA O DICHIARAZIONE E DECLINA ESPRESSAMENTE OGNI GARANZIA IMPLICITA, INCLUSE, A TITOLO ESEMPLIFICATIVO E NON ESAUSTIVO, LE GARANZIE IMPLICITE DI NON VIOLAZIONE, COMMERCIALIZZABILITÀ E IDONEITÀ A UNO SCOPO SPECIFICO. L'ACQUIRENTE DICHIARA DI AVER VALUTATO AUTONOMAMENTE CHE IL PRODOTTO È IDONEO ALL'IMPIEGO PER CUI INTENDE UTILIZZARLO.

Rimedio dell'acquirente

L'unico obbligo di Horizon e l'unico ed esclusivo rimedio per l'acquirente sarà che Horizon, a propria discrezione, potrà (i) riparare oppure (ii) sostituire qualsiasi prodotto che venga riconosciuto da Horizon come difettoso. Horizon si riserva il diritto di effettuare un'ispezione su tutti i Prodotti oggetto di una richiesta di garanzia. Le decisioni in merito all'assistenza o alla sostituzione sono esclusiva discrezione di Horizon. Per tutte le richieste di garanzia è richiesta la prova d'acquisto. LA RIPARAZIONE O LA SOSTITUZIONE PREVISTE DALLA PRESENTE GARANZIA COSTITUISCONO L'UNICO ED ESCLUSIVO RIMEDIO A DISPOSIZIONE DELL'ACQUIRENTE.

Limitazione di responsabilità

HORIZON NON POTRÀ ESSERE RITENUTA RESPONSABILE PER DANNI SPECIALI, INDIRETTI, ACCIDENTALI O CONSEGUENZIALI, PERDITE DI PROFITTO, INTERRUZIONI DI PRODUZIONE O DANNI COMMERCIALI DI QUALSIASI TIPO, A PRESCINDERE DAL FATTO CHE LA RICHIESTA SI BASI SU CONTRATTO, GARANZIA, ILLECITO CIVILE, NEGLIGENZA, RESPONSABILITÀ OGGETTIVA O QUALSIASI ALTRA TEORIA GIURIDICA, ANCHE NEL CASO IN CUI HORIZON SIA STATA INFORMATA DELLA POSSIBILITÀ DI TALI DANNI. Inoltre, in nessun caso la responsabilità di Horizon potrà eccedere il prezzo individuale del Prodotto per il quale è stata avanzata la richiesta di risarcimento. Poiché Horizon non ha controllo sull'utilizzo, sull'installazione, sull'assemblaggio finale, sulle modifiche o su un uso improprio del prodotto, non si assume né accetta alcuna responsabilità per eventuali danni o lesioni che ne possano derivare. Nel momento in cui utilizza, predispone o assembla il prodotto, l'utilizzatore accetta ogni responsabilità che ne deriva. Se

l'acquirente o l'utente non è disposto ad accettare la responsabilità associata all'uso del Prodotto, si consiglia all'acquirente di restituire immediatamente il Prodotto, nuovo e inutilizzato, al punto vendita.

Legge

I presenti termini sono regolati dalla legge dello Stato dell'Illinois (senza considerare i principi di conflitto di leggi). Questa garanzia ti conferisce specifici diritti legali, e potresti anche avere altri diritti che variano da uno Stato all'altro. Horizon si riserva il diritto di modificare o alterare la presente garanzia in qualsiasi momento e senza preavviso.

SERVIZI IN GARANZIA

Domande, assistenza e servizi

Il negozio di modellismo locale e/o il punto vendita presso cui è stato effettuato l'acquisto non sono autorizzati a fornire assistenza o supporto in garanzia. Una volta avviati il montaggio, l'installazione o l'utilizzo del Prodotto, è necessario contattare il distributore locale oppure rivolgersi direttamente a Horizon. Questo permetterà a Horizon di rispondere in modo più efficace alle tue domande e di fornirti supporto qualora tu necessiti di assistenza. Per domande o assistenza, visita il nostro sito web all'indirizzo www.horizonhobby.com, invia una richiesta di supporto al prodotto o chiama il numero verde indicato nella sezione Informazioni di contatto per garanzia e assistenza per parlare con un rappresentante del supporto al prodotto.

Ispezione o servizi di assistenza

Se questo Prodotto necessita di ispezione o manutenzione e rispetta le normative del Paese in cui risiedi e lo utilizzi, ti invitiamo a utilizzare la procedura di richiesta di assistenza online di Horizon disponibile sul nostro sito web, oppure a contattare Horizon per ottenere un numero di autorizzazione alla restituzione della merce (RMA). Imballare il prodotto in modo sicuro utilizzando un cartone per la spedizione. Si prega di notare che le scatole originali potrebbero essere incluse, ma non sono progettate per resistere ai rigori della spedizione senza protezione aggiuntiva. Spedire il prodotto tramite un corriere che fornisca tracciabilità e assicurazione per pacchi smarriti o danneggiati, poiché Horizon non si assume alcuna responsabilità per la merce fino a quando non sarà arrivata e accettata presso la nostra sede. Un modulo per la richiesta di assistenza è disponibile online sul sito http://www.horizonhobby.com/content/service-center_render-service-center. Se non si dispone di accesso a Internet, è possibile contattare il servizio di assistenza prodotti Horizon per ottenere un numero RMA, insieme alle istruzioni necessarie per l'invio del prodotto in assistenza. Quando contatti Horizon, ti verrà richiesto di fornire il tuo nome completo, indirizzo, indirizzo e-mail e un numero di telefono al quale sia possibile contattarti durante l'orario lavorativo. Quando si invia il prodotto a Horizon, includere il numero RMA, un elenco degli articoli inclusi e un breve riepilogo del problema. Per poter usufruire della garanzia, è necessario allegare una copia della ricevuta di vendita originale. Assicurati che il tuo nome, indirizzo e numero RMA siano chiaramente indicati all'esterno della scatola di spedizione.

AVVISO: non spedire batterie Li-Po a Horizon. In caso di problemi con una batteria Li-Po, contattare l'ufficio di supporto prodotti Horizon appropriato.

Requisiti di garanzia

Per usufruire della garanzia, è necessario allegare la ricevuta di vendita originale attestante la data di acquisto. Se sono soddisfatte le condizioni di garanzia, il Prodotto verrà riparato o sostituito gratuitamente. Le decisioni in merito all'assistenza o alla sostituzione sono esclusiva discrezione di Horizon.

Assistenza non in garanzia

Se l'intervento non è coperto da garanzia, verrà comunque eseguito e il relativo costo sarà addebitato senza necessità di preavviso o preventivo, salvo nel caso in cui l'importo superi il 50% del prezzo di acquisto al dettaglio. Inviando l'articolo per l'assistenza, accetti implicitamente il pagamento dei costi di riparazione senza necessità di preavviso. I preventivi per l'assistenza sono disponibili su richiesta. È necessario allegare questa richiesta all'articolo inviato per l'assistenza. I preventivi di assistenza non in garanzia saranno fatturati con un minimo di ½ ora di manodopera. Oltre a ciò, ti verranno addebitate le spese di spedizione per il reso. Horizon accetta vaglia postali e assegni circolari, oltre a carte Visa, MasterCard, American Express e Discover. Inviando un articolo a Horizon per il servizio, accetti i Termini e Condizioni di Horizon che trovi sul nostro sito web http://www.horizonhobby.com/content/service-center_render-service-center.

ATTENZIONE: Il servizio di assistenza Horizon è limitato ai Prodotti conformi alle norme del Paese di utilizzo e proprietà. Se ricevuto, un Prodotto non conforme non verrà riparato. Inoltre, il mittente sarà responsabile dell'organizzazione della spedizione di ritorno del Prodotto non riparato, tramite un corriere di sua scelta e a sue spese. Horizon tratterà il Prodotto non conforme per un periodo di 60 giorni dalla notifica, dopodiché verrà scartato.

GARANZIA E INFORMAZIONI DI CONTATTO DELL'ASSISTENZA

Paese di acquisto	Horizon Hobby	Informazioni di contatto	Indirizzo
Unione Europea	Horizon Technischer Service Vendite: Horizon Hobby GmbH	service@horizonhobby.eu +49 (0) 4121 2655 100	Hanskampring 9 D 22885 Barsbüttel, Germania

AVVISO RAEE



Questo dispositivo è marcato ai sensi della Direttiva europea 2012/19/UE riguardante i rifiuti di apparecchiature elettriche ed elettroniche (RAEE). Il simbolo indica che il prodotto non va smaltito insieme ai rifiuti domestici. Il prodotto deve essere conferito in un centro di raccolta idoneo per consentirne il recupero e il riciclo.

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