### Radio Control Model / Flugmodell

# ZLIN z-526 Akrobat



ALL BALSA, PLYWOOD CONSTRUCTION AND ALMOST READY TO FLY

## Instruction manual / Montageanleitung

#### **SPECIFICATIONS**

Length:T190mn	П	
Electric Motor:See next page	r	
Glow Engine:	Τ	
RTF Weight: 3.2Kg (will vary with equipment	t	
use)		
Radio:7 Channel / 7 Servos		
Function: Ailerons-Elevator-Rudder-Throttle		
Flaps-Optional Retractable Landing Gear.		

Wingspan: ......1610mm Length: .....190mm

#### **TECHNISCHE DATEN**

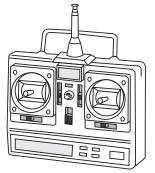
Spannweite:	1610mm
	1190mm
	(siehe nächste Seite)
Verbrennerantrieb:	7.45cc - 11.5cc
Fluggewicht:	3.2Kg
Fernsteuerung	.7 Kanal / 7 Servos



**WARNING!** This radio controlled model is NOT a toy. If modified or flown carelessly it could go out of controll and cause serious human injury or property damage. Before flying your airplane, ensure the air field is spacious enough. Always fly it outdoors in safe areas and seek professional advice if you are unexperienced.

**ACHTUNG!** Dieses ferngesteuerte Modell ist KEIN Spielzeug! Es ist für fortgeschrittene Modellflugpiloten bestimmt, die ausreichende Erfahrung im Umgang mit derartigen Modellen besitzen. Bei unsachgemässer Verwendung kann hoher Personen- und/oder Sachschaden entstehen. Fragen Sie in einem Modellbauverein in Ihrer Nähe um professionelle Unterstätzung, wenn Sie Hilfe im Bau und Betrieb benötigen. Der Zusammenbau dieses Modells ist durch die vielen Abbildungen selbsterklärend und ist für fortgeschrittene, erfahrene Modellbauer bestimmt.

#### Optional accessories. Please visit www.shop.pichler.de for more information







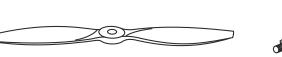
Extension cord for aileron servos: 50cm(x2) Extension cord for flap servos: 50cm(x4) Extension cord for retract servos: 30cm(x2) Extension cord for Rx battery pack: 20cm(x1)



Standard Mini

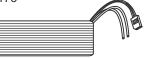
Minimum 7 channel radio Elevator: 1 standard servo Rudder: 1 standard servo Aileron: 2 mini servo Flaps: 2 mini servo

Throttle: 1 mini servo (for glow engine only)





**BOOST 50 Brushless Combo Set** # C3173



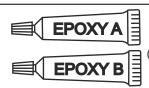
LiPo Akku RED POWER 3500-14,8V # C9418





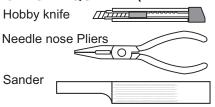


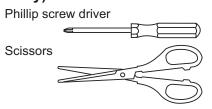
Cyanoacrylate Glue (thin type)

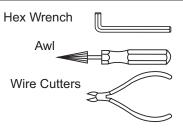


Epoxy Glue (30 minute type)

#### TOLLS REQUIRED (Purchase separately)



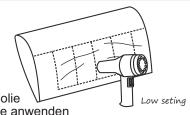




Masking tape - Straight Edged Ruler - Pen or pencil - Drill and Assorted Drill Bits

If exposed to direct sunlight and/or heat, wrinkels can appear. Storing the model in a cool place will let the wrinkles disappear. Otherwise, remove wrinkles in covering film with a hair dryer, starting with low temperature. You can fix the corners by using a hot iron.

Bei Sonneneinstrahlung und/oder Wärme kann die Folie erschlaffen bzw. Falten entstehen. Verwenden Sie ein Warumluftgebläse (Haartrockner) um evtl. Falten aus der Folie zu bekommen. Die Kanten können Sie mit einem Bügeleisen behandeln. Nicht zuviel Hitze anwenden



Symbols used throughout this instruction manual, comprise:



Drill holes using the stated

size of drill (in this case 1.5 mm)



Take particular care here



Hatched-in areas: remove coverina film carefully



Check during assembly that these parts move freely, without binding



Use epoxy glue



Apply cyano glue



Assemble left and right sides the same way.



Not included. These parts must be purchased separately



Löcher bohren mit dem angegebenen Bohrer (hier 1,5 mm)



Hier besonders aufpassen



Schraffierte Stellen, Bespannfolie vorsichtia entfernen



Während des Zusammenbaus immer prüfen, ob sich die Teile auch reibungslos bewegen lassen



Epoxy-Klebstoff verwenden



Sekundenkleber auftragen



Linke und rechte Seite wird gleichermaßen zusammengebaut

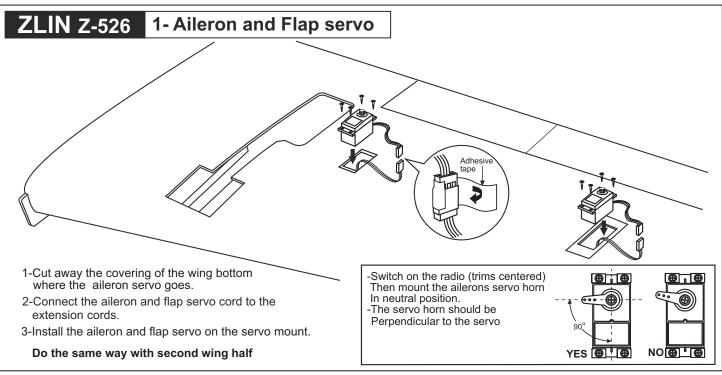


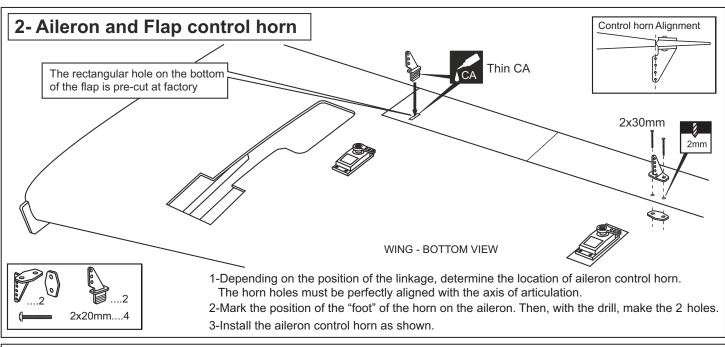
Nicht enthalten. Teile müssen separat gekauft werden.

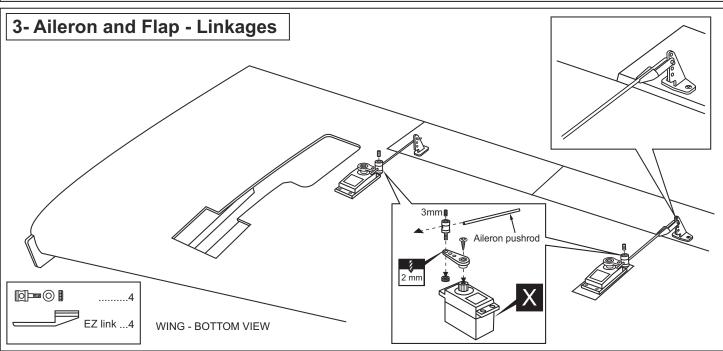
#### Read through the manual before you begin, so you will have an overall idea of what to do. **CONVERSION TABLE**

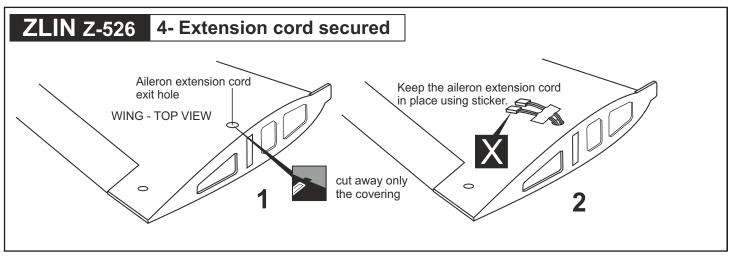
1.0mm = 3/64" 3.0mm = 1/8" 10mm = 13/32" 25mm = 1"12mm = 15/32" 4.0mm = 5/32" 30mm = 1-3/16" 1.5mm = 1/16" 5.0mm = 13/64" 15mm = 19/32" 2.0mm = 5/64" 45mm = 1-51/64"

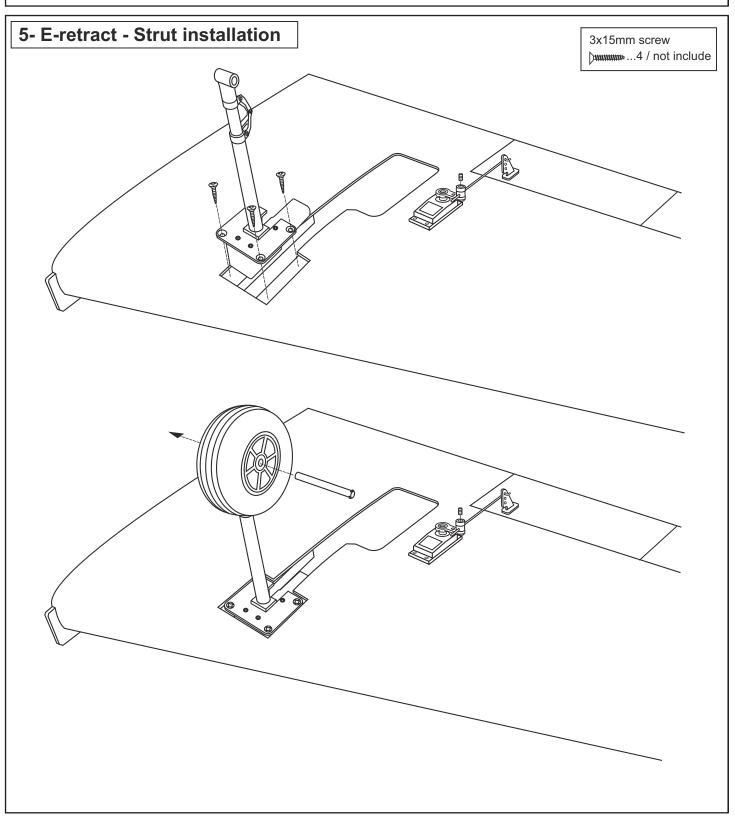
2.5mm = 3/32" 6.0mm = 15/64" 20mm = 51/64"

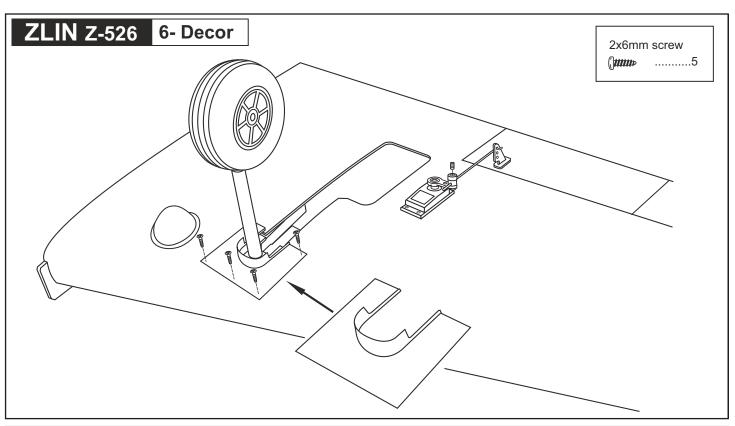


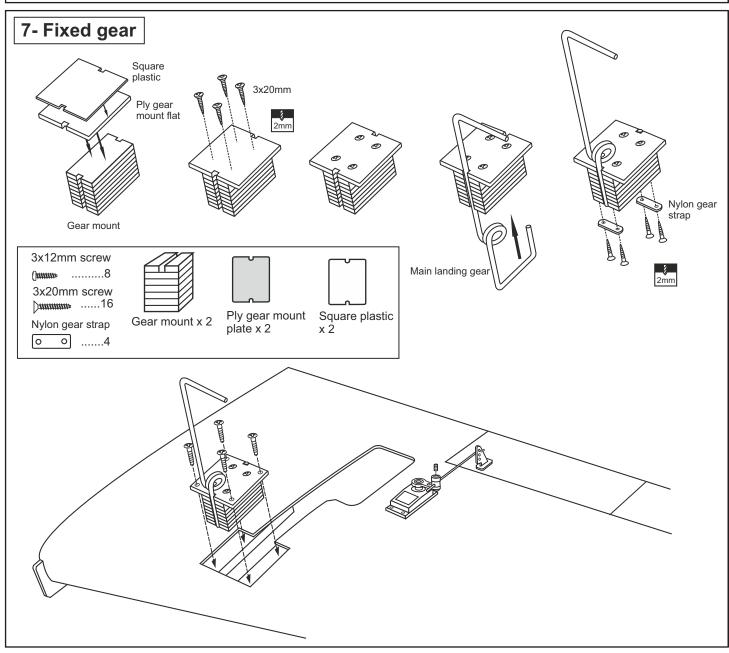


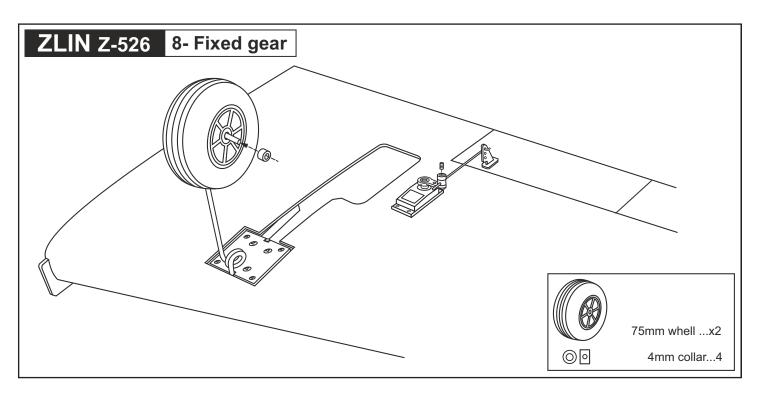


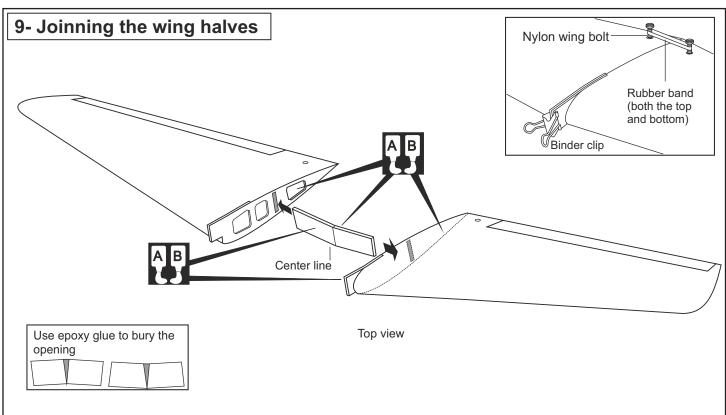






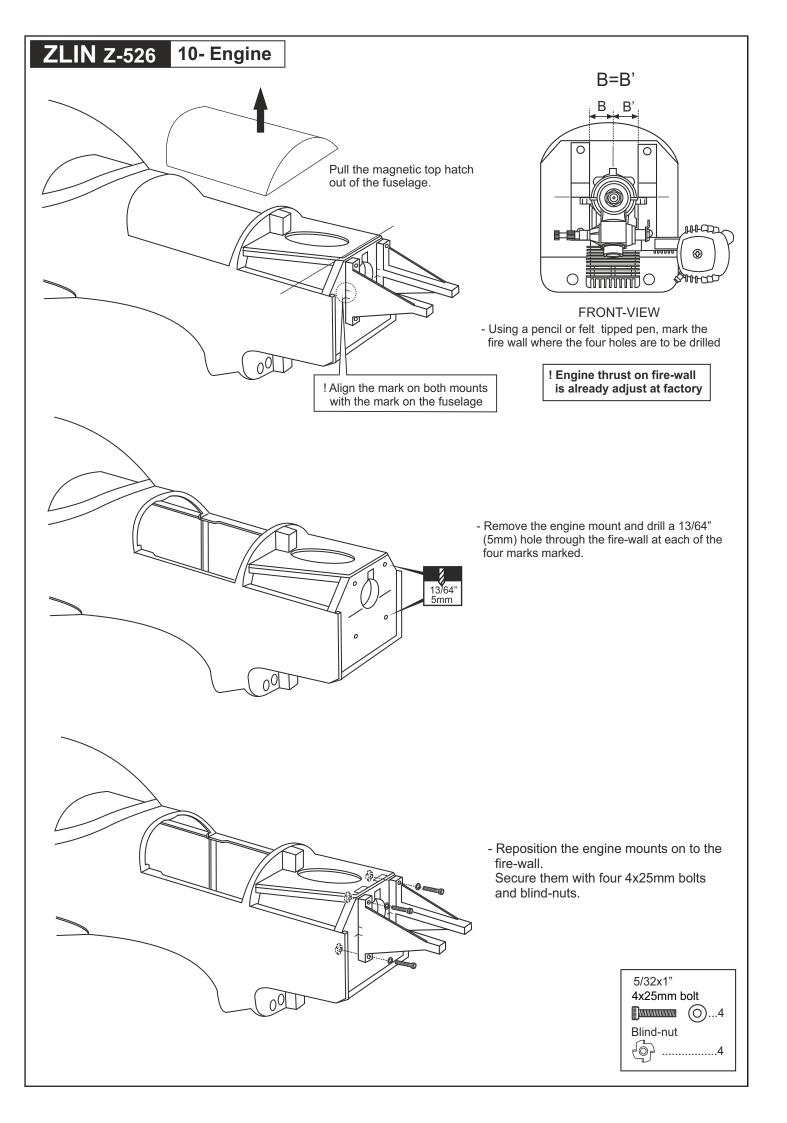


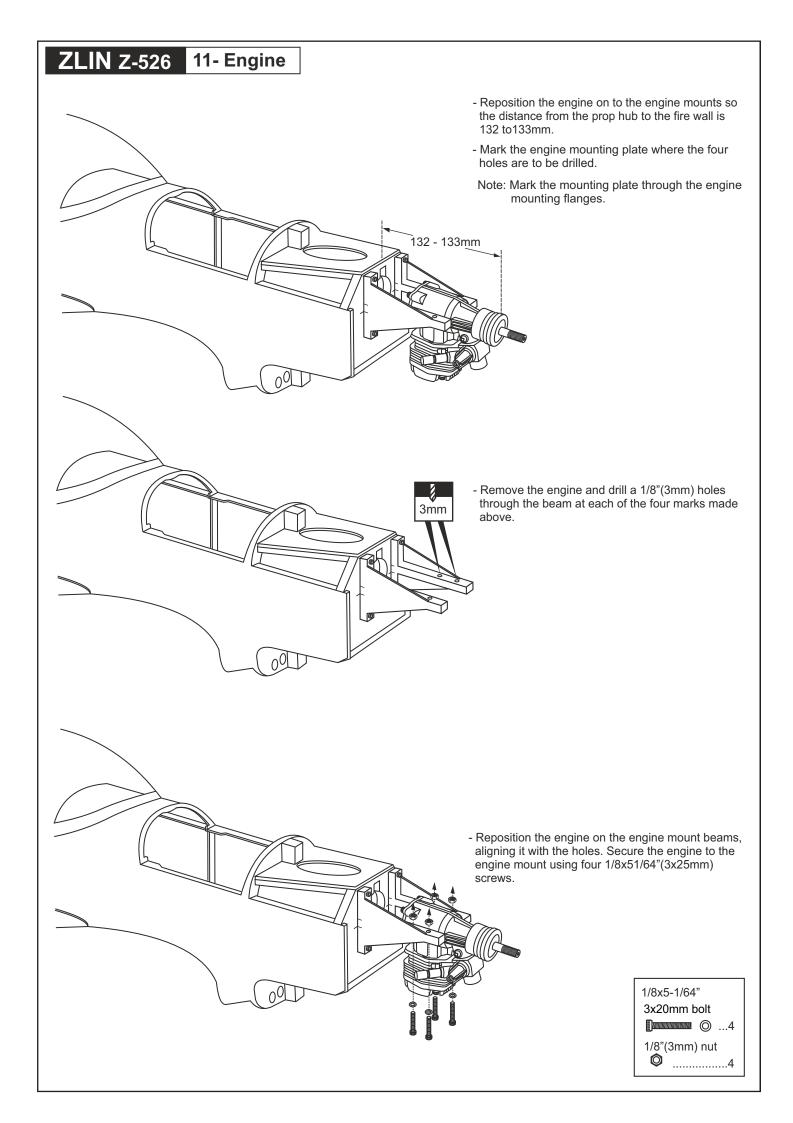




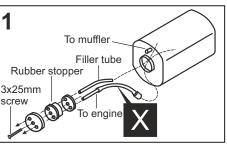
- 1- Using a pencil, mark the center of the brace.
- 2- Trial fit the wing joiner into one of the wing panels. It should insert smoothly up to the center line marked above.
- 3- Slide the other wing half onto the dihedral brace until the wing panel meet. If the fit is over tight, it may be necessary to lightly sand the dihedral brace.
- 4- Check for the correct dihedral angle.
- 5- Mix up some 30 minute epoxy and apply a generous amount of epoxy into the wing joiner cavity of one wing half.
- 6- Coat one half of the dihedral brace with epoxy up to the center line. Install the epoxy-coated side of the dihedral brace into the wing joiner cavity up to the center line, marking sure that the "V" of the dihedral brace is positioned correctly
- 7- Do the same way with the other wing half.
- 8- Carefully slide the wing halves together, ensuring that they are accurately aligned. Firmly press the two halves together, allowing the excess epoxy to run out. Clean off the excess epoxy with paper towel and kerosene.

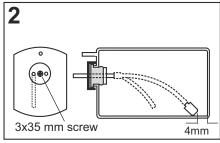
**IMPORTANT:** Please do not clean off the excess epoxy on the wing with strong solvent or pure alcohol, only use kerosene to keep the colour of your model not fade.

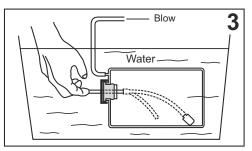




## ZLIN Z-526 12- Fuel tank



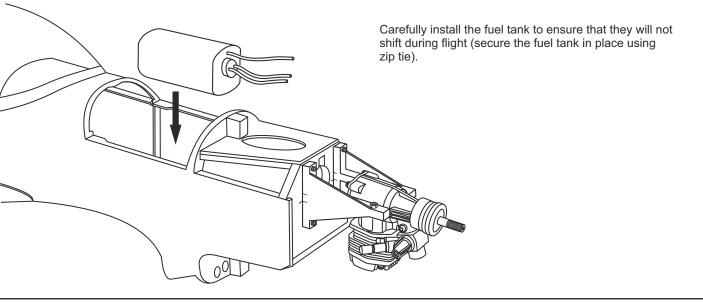


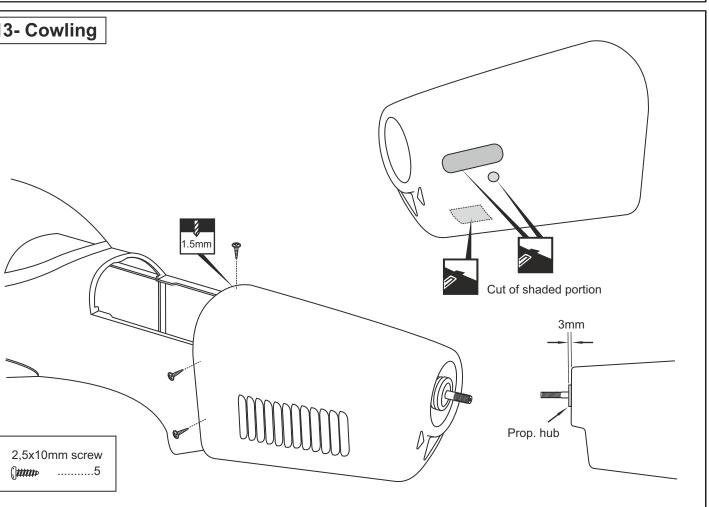


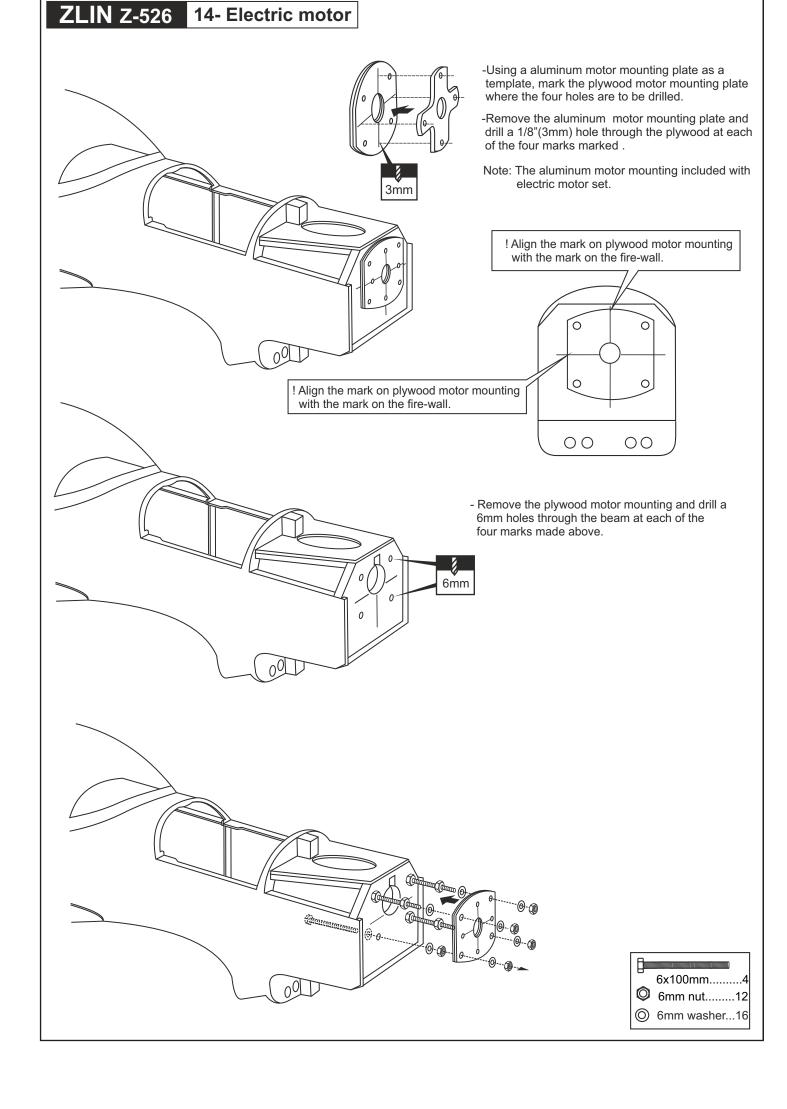
After confirming the direction . Insert this assembly, clunk end first, into the fuel tank and tighten and screw the fuel tank cap on firmly.

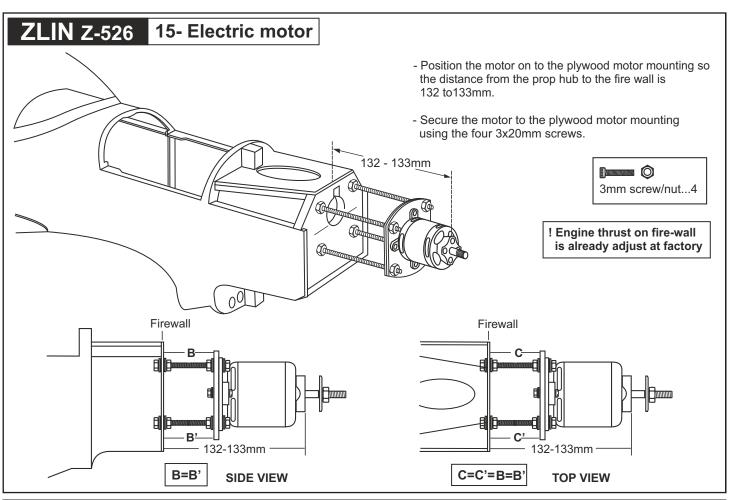
Ensure that the fuel tank clunk does not touch the rear of the fuel tank.

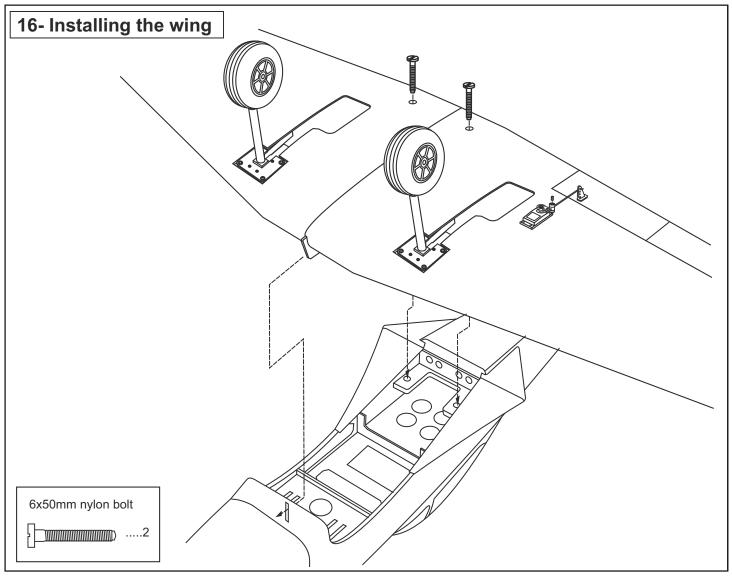
Checking for leaks - block the vents and blow into the feed - if in doubt submersing the tank in a blow of water will show up any problems.

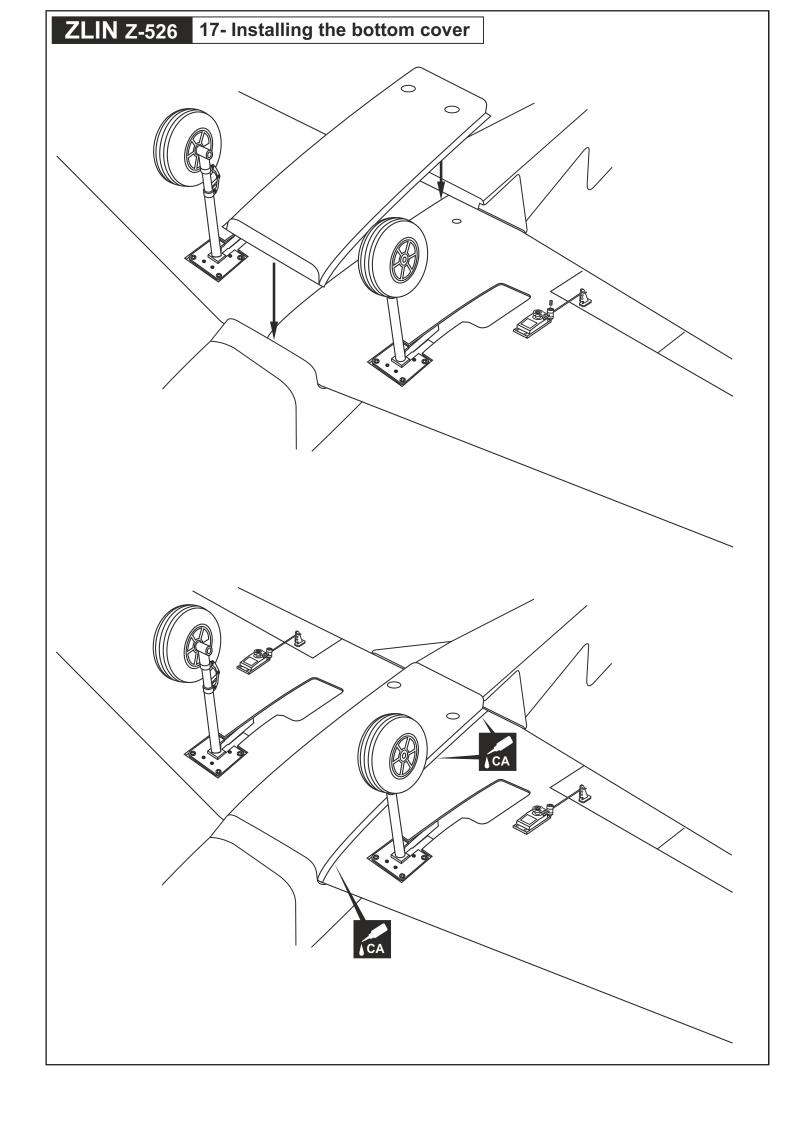


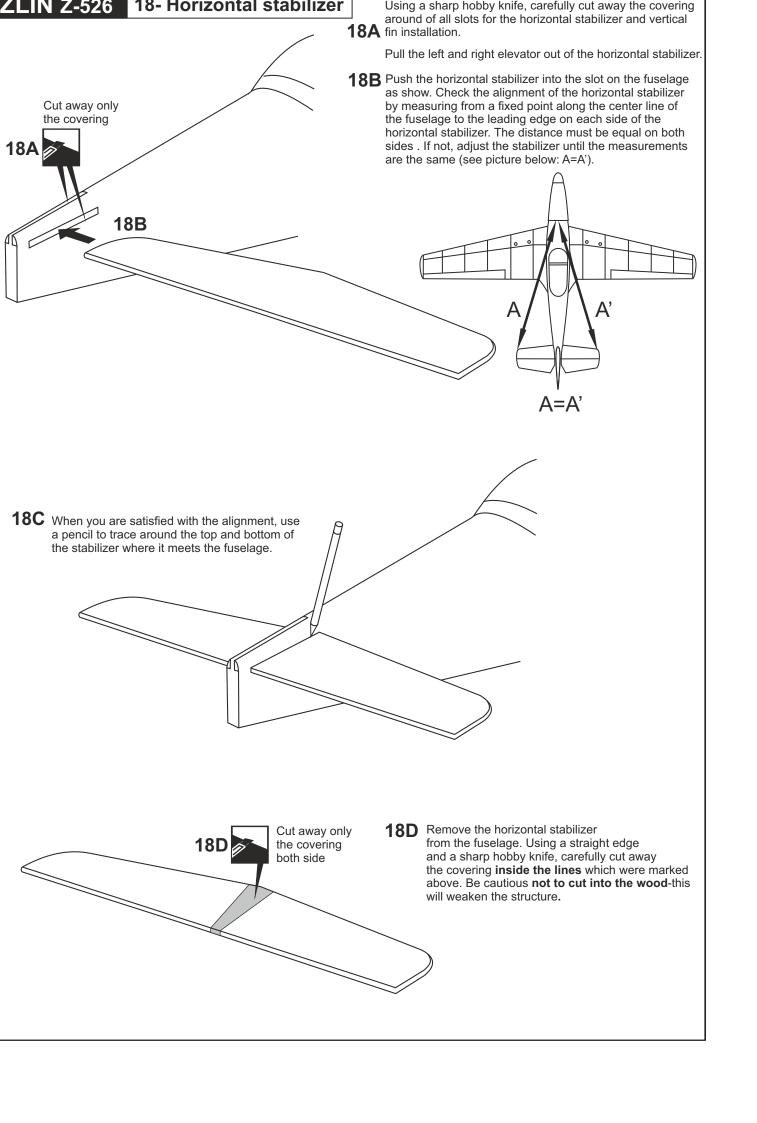












## ZLIN z-526 19- Horizontal stabilizer

Install the horizontal stabilizer onto the fuselage and adjust the alignment as described in steep 18B. Note: it is important to ensure that the horizontal stabilizer is also level in regards to the fuselage. Apply the thin CA along the area where the covering was removed in the previous step and to the fuselage where the horizontal stabilizer mounts .

