Radio control model / RC Motorflugmodell

A26K COUNTER INVADER

WINGSPAN: 68.in. / SPANNWEITER: 173cm

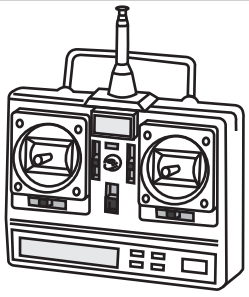
ASSEMBLY INSTRUCTION / AUFBAUANLEITUNG

TWIN .25 - .32 CLASS - 2 CYCLE ENGINE
TWIN .40 - .52 CLASS - 4 CYCLE ENGINE
ZWEITAKTMOTOREN: 4 - 5.2cc (X2)
VIERTAKTMOTOREN : 6.5 - 8.5cc (X2)

WARNING: This radio control model is not a toy. If modifier or flow carelessly, it could go out of control and cause serious bodily injury or propety damage, It is you responsi-bility to build this kit correctly, to properly install all components and to seek the help of an experi-enced R/C pilot for a pre-flight safety inspection and test flying

Achtung: Dieses Modell ist kein Spielzeug!
Sollten Sie mit solch motorisiertem Modell keine Erfahrung haben, wenden Sie sich bitte an erfahrene Modellflieger, die Sie unterstützen können.
Es könnte zu Verletzungen kommen, wenn das Modell ohne Vorkenntnisse in Betrieb genommen wird. Denken Sie immer an die Sicherheit und Ihre Gesundheit.

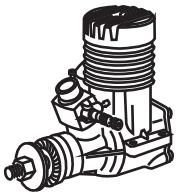
REQUIRED FOR OPERATION (Purchase separately)
BENÖTIGTE KOMPONENTEN FÜR DEN ABFLUG (Nicht enthalten)



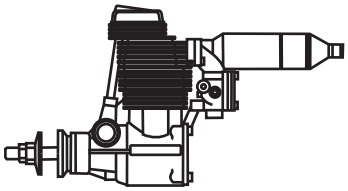
Minimum 6 channel radio
for airplane / 6 servos.
Throtle servo x2, Aileron servo x 2
Rudder servo x 1, Elevator x 1
Minimum 6 Kanal
Fernsteuerung / 6 servos.

9 x 7 for .32 - 2 cycle engine (x2)
10x7 for .52 - 4 cycle engine (x2)

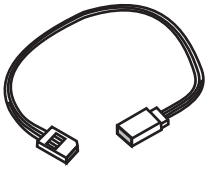
Silicone tube



.25 ~ .32 cu.in. (X2)
4 ~ 5.2 cc (x2)



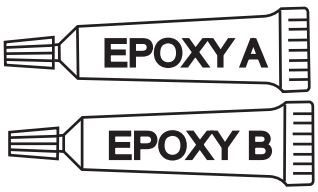
.40 ~ .52 cu.in. (X2)
6.5 ~ 8.5cc (x2)



Extension cord x 4
Servoverlangerungskabe x 4l

Cyanoacrylate Glue
Klebstoff

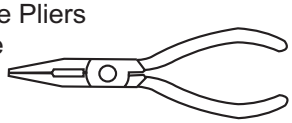
Silicon sealer



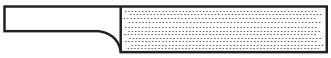
Epoxy Glue (30 minutes type)
Epoxy-Klebstoff (30min-Typ)

Hobby knife
Teppichmesser

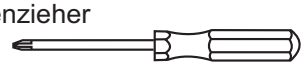
Needle nose Pliers
Nadelzange



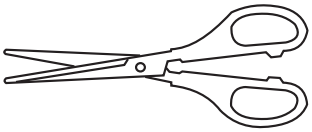
Sander
Pfeile



Phillip screw driver
Kreuzschlitz-
schraubenzieher



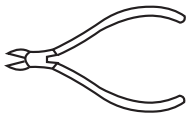
Scissors
Schere



Hex Wrench

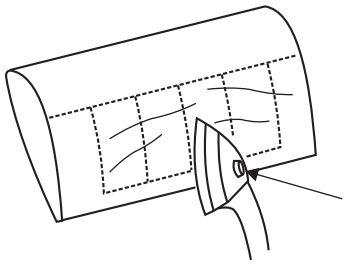
Awl
Pfriem

Wire Cutters
Kneiftzange



The pre-covered film on ARF kit may wrinkle due to variations of temperature. Smooth out as explained right.
* Use an iron or heat gun. Start as low setting. Increase the setting if necessary. If it is too high, you may damage the film.

Die Bespannung des ARF-Kits kann je nach Temperatur Falten werfen. Glätten Sie diese, wie rechts auf der Abbildung ersichtlich. Benutzen Sie ein Bügeleisen. Starten Sie in einer niedrigen Stufe, un erhöhen Sie diese nur wenn notwendig. Wenn das Bügeleisen zu heiß wird, beschadigen Sie die Bespannung.



Low setting
Niedrige Stufe

Drill holes using the stated size of drill (in this case 1.5 mm Ø)

Take particular care here

Hatched-in areas: remove covering 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 vorsichtig entfernen

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

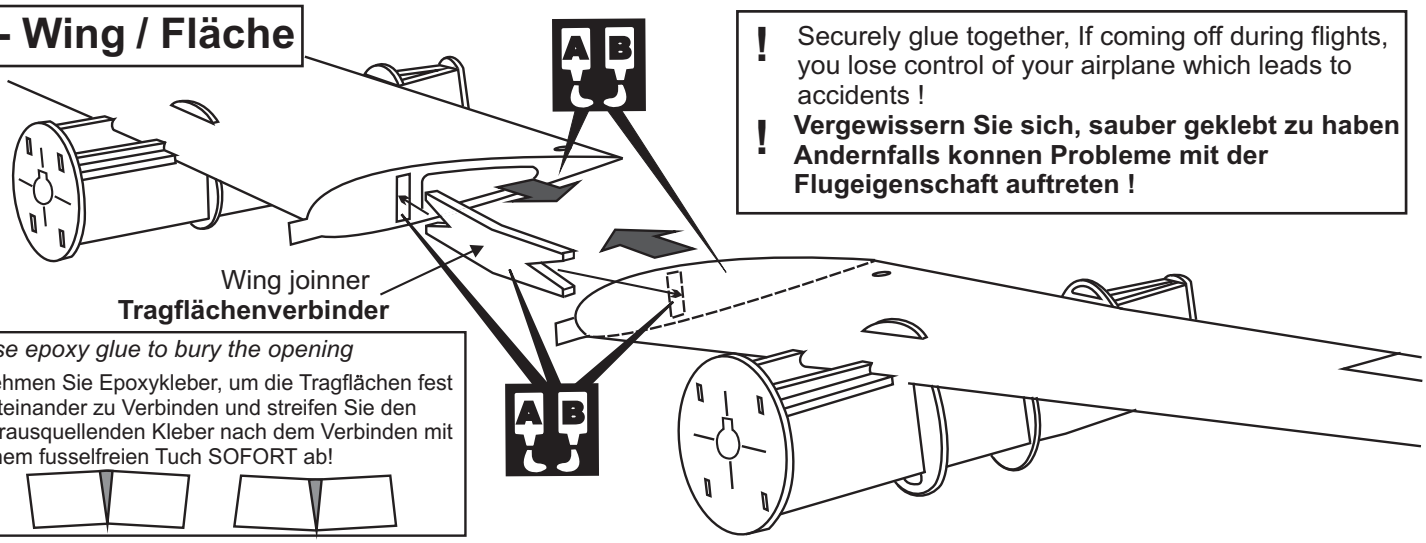
Epoxy-Klebstoff verwenden

Sekundenkleber auftragen

Linke und rechte Seite wird gleichermaßen zusammengebaut

Nicht enthalten. Teile müssen separat gekauft werden.

1- Wing / Fläche



! Securely glue together, If coming off during flights, you lose control of your airplane which leads to accidents !

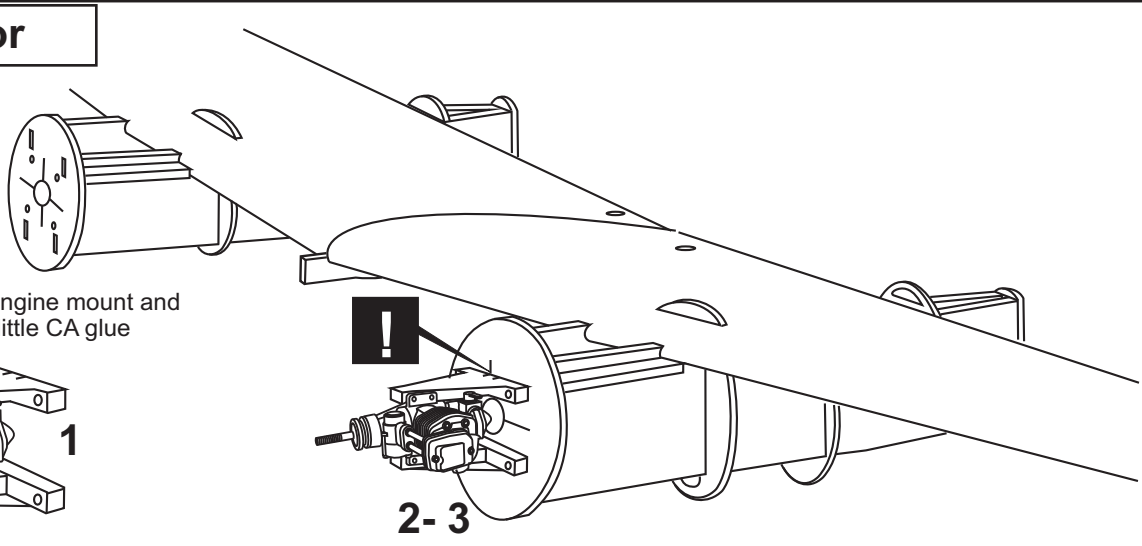
! **Vergewissern Sie sich, sauber geklebt zu haben Andernfalls konnen Probleme mit der Flugeigenschaft auftreten !**

Wing joinner
Tragflächenverbinder

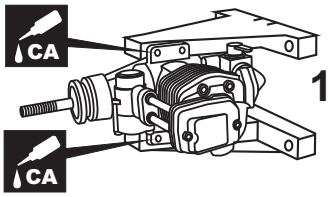
Use epoxy glue to bury the opening

Nehmen Sie Epoxykleber, um die Tragflächen fest miteinander zu Verbinden und streifen Sie den herausquellenden Kleber nach dem Verbinden mit einem fusselfreien Tuch SOFORT ab!

2.Engine / Motor



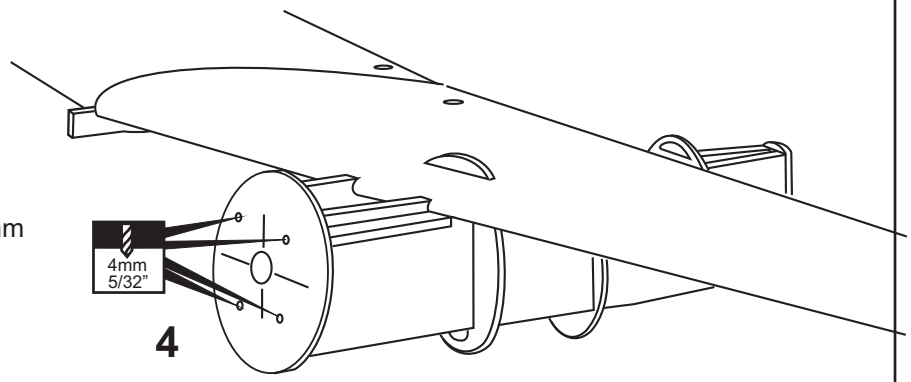
1 Set the engine on the engine mount and secure it in place using little CA glue



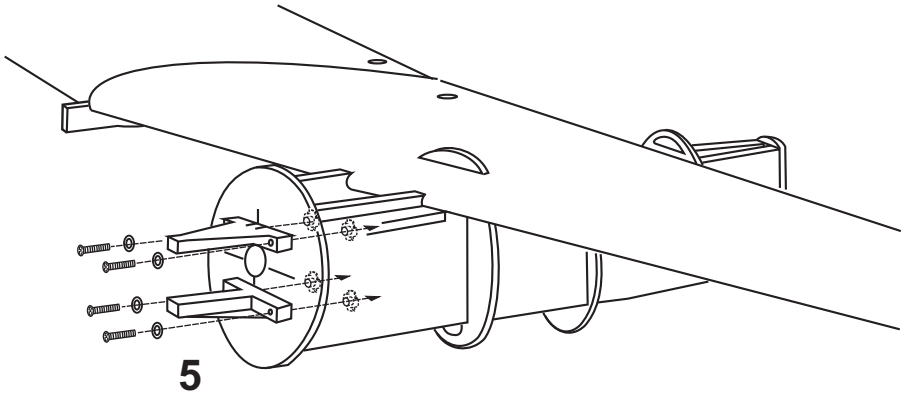
2 Apply the engine mount on the fire wall as shown (Align the mark on both mounts with the mark on the fire wall).

3 Mark the mounting hole positions with a felt tipped pen or pencil.

4 Remove the engine mount and drill four 4mm holes through the fire wall as shown.



5 Remove the engine out of the engine mount, then secure the engine mount to the fire wall with four 4x15mm screw.



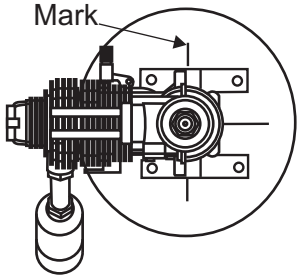
 4x15mm...(8)

 Washer....(8)

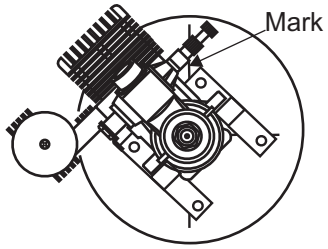
 Blind nut 4mm (8)

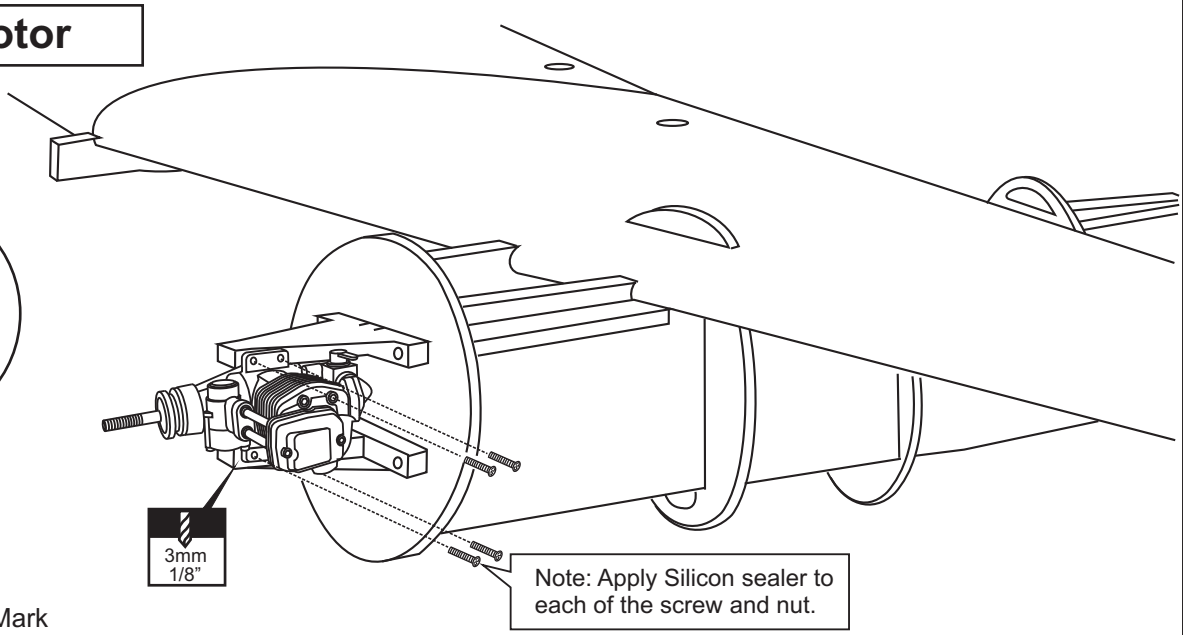
3.Engine / Motor

In case of 4-cycle engine
Viertaktmotoren



In case of 2-cycle engine
Zweitaktmotoren

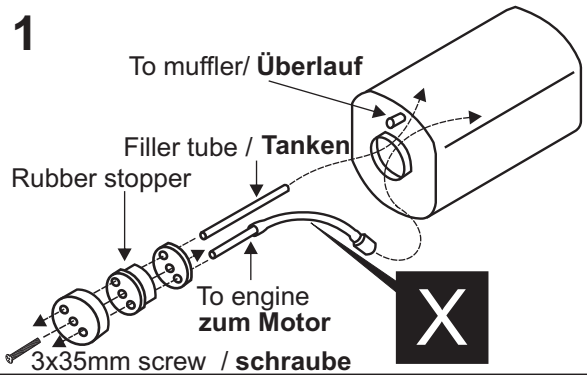




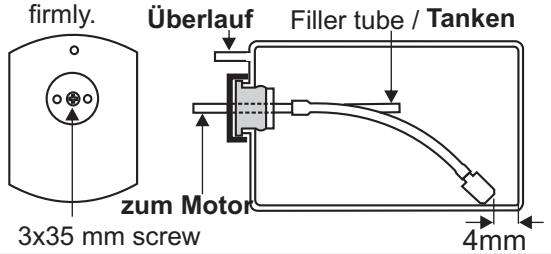
6 - Reposition the engine on the engine mount beams, aligning it with the holes. Secure the engine to the engine mount using four 1/8x51/64”(3x25mm) screws.

4-Fuel tank / Kraftstofftank

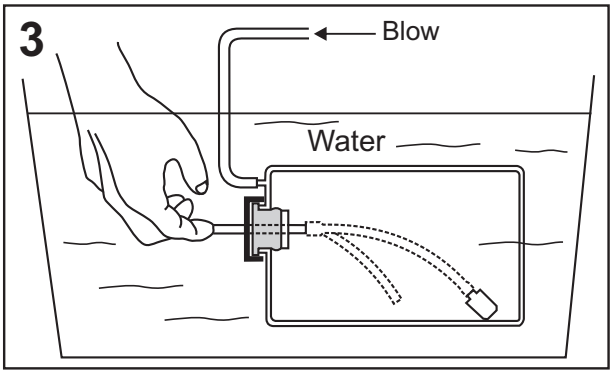
1



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

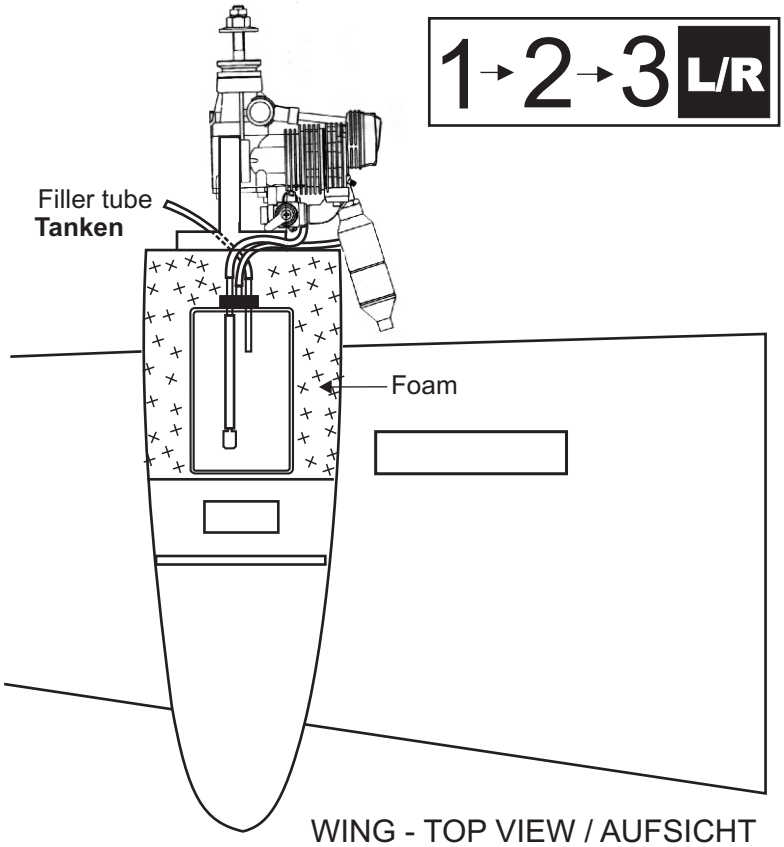


3



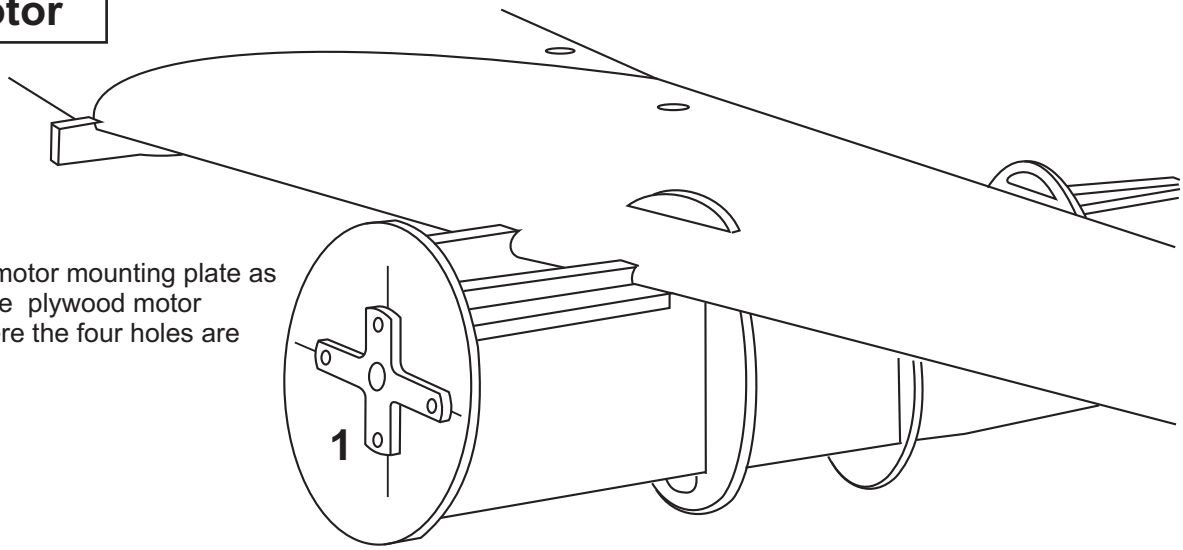
Checking for leaks - block the vents and blow into the feed - if in doubt submersing the tank in a blow of water will show up any problems.

1→2→3 L/R

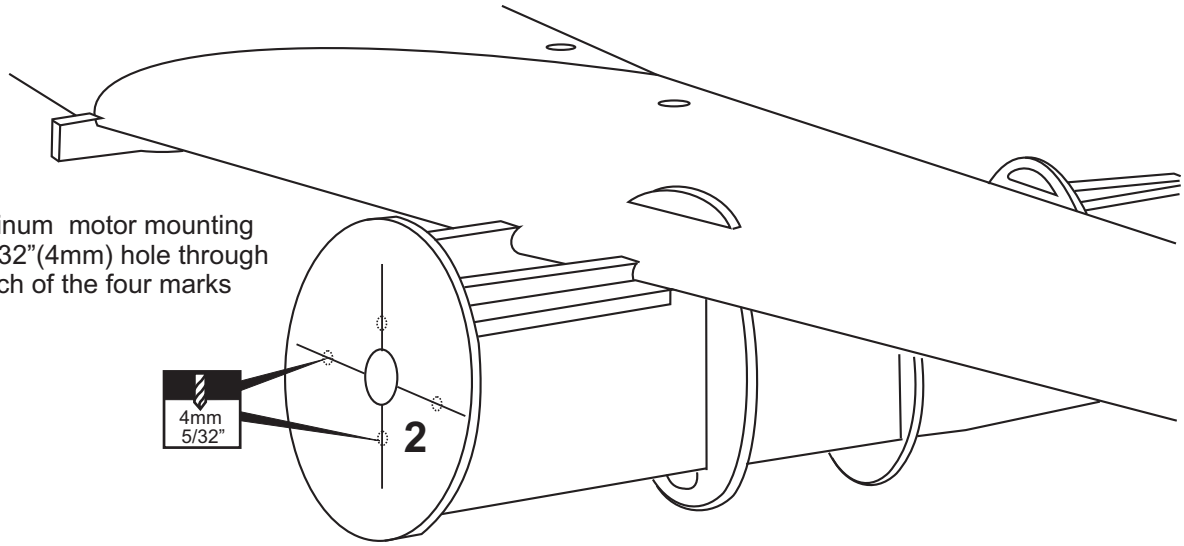


WING - TOP VIEW / AUFSICHT

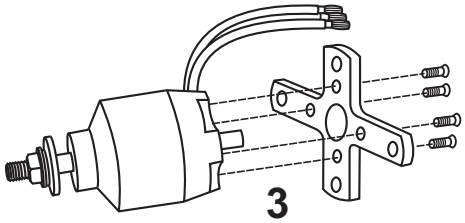
5.Electric motor



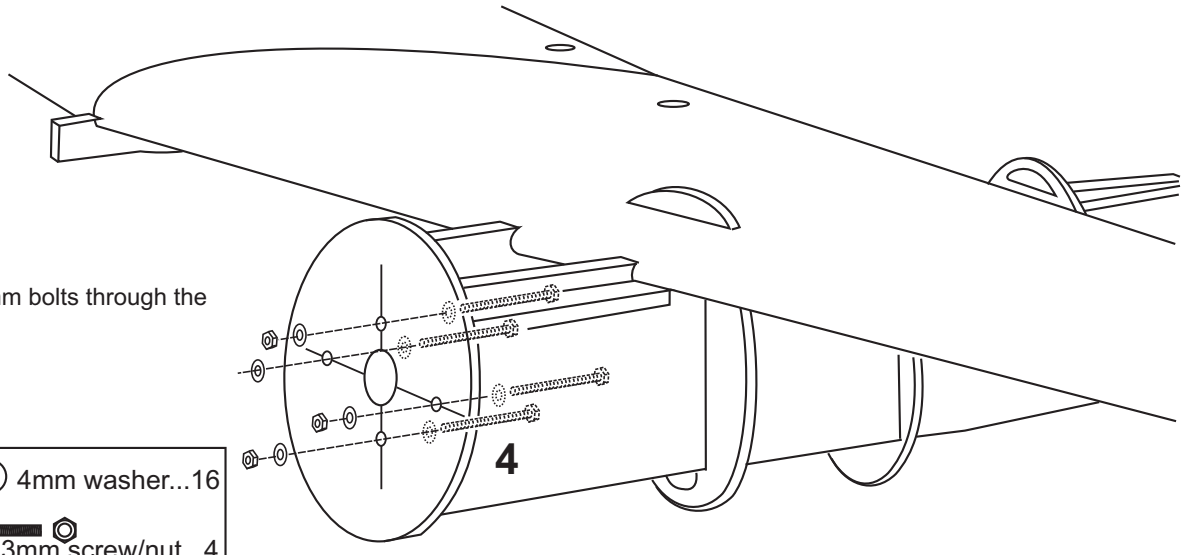
1 Using a aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled .



2 Remove the aluminum motor mounting plate and drill a 5/32"(4mm) hole through the plywood at each of the four marks marked .



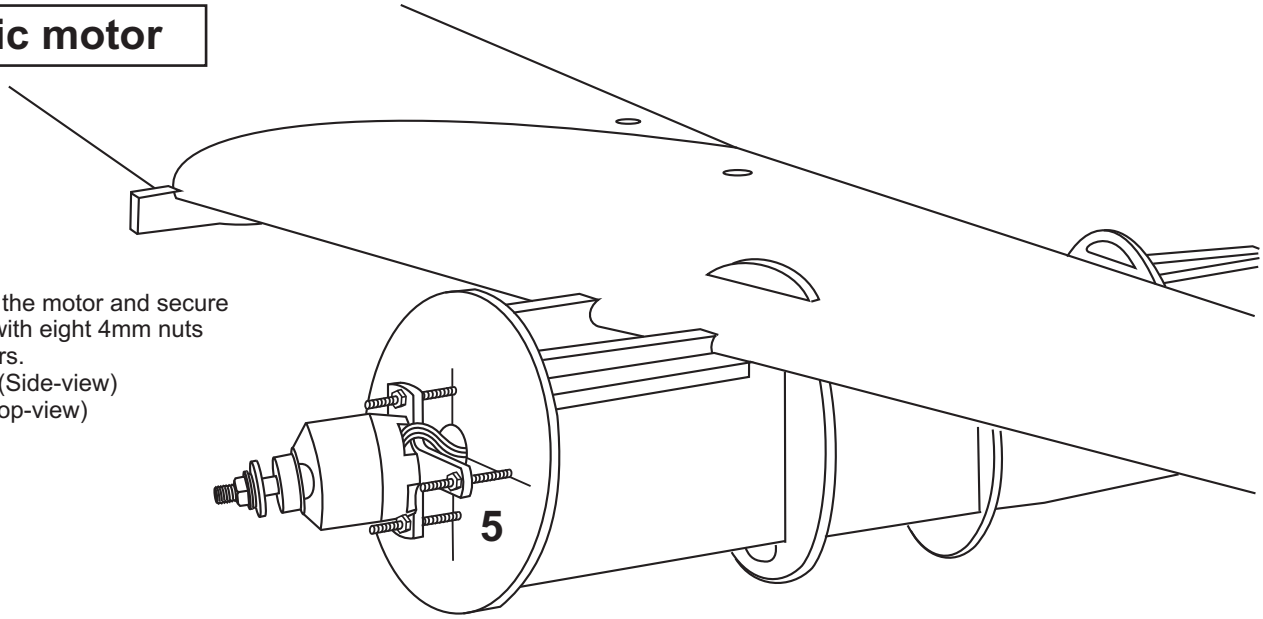
3 Attach the aluminum motor mounting plate on to the motor and secure it in place with four screws (included with motor set).



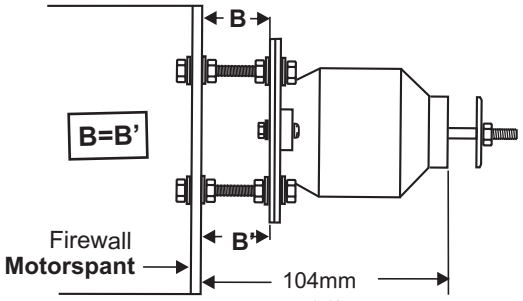
4 Push the four 4x60mm bolts through the fire-wall as shown.

4x60mm.....4
4mm washer...16
4mm nut....12
3mm screw/nut...4

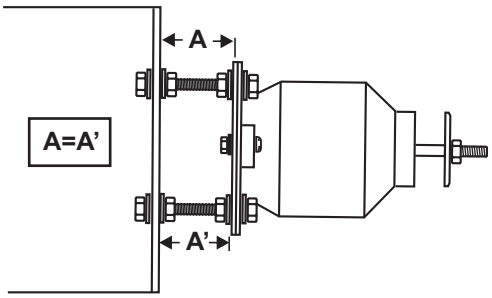
6.Electric motor



5 Reposition the motor and secure it in place with eight 4mm nuts and washers.
Note: B=B'(Side-view) and A=A'(Top-view)

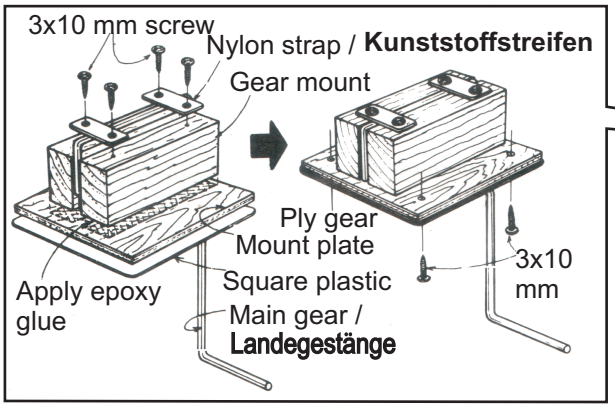


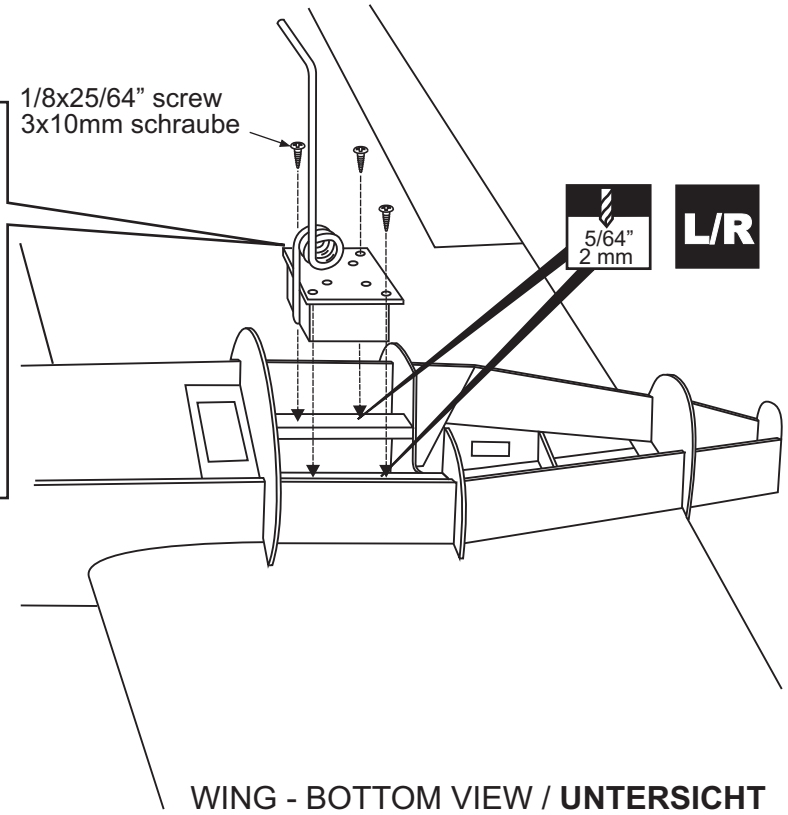
SIDE-VIEW / **Seitenansicht**



TOP-VIEW / **Draufsicht**

7- Fixed gear / Fahrgestell

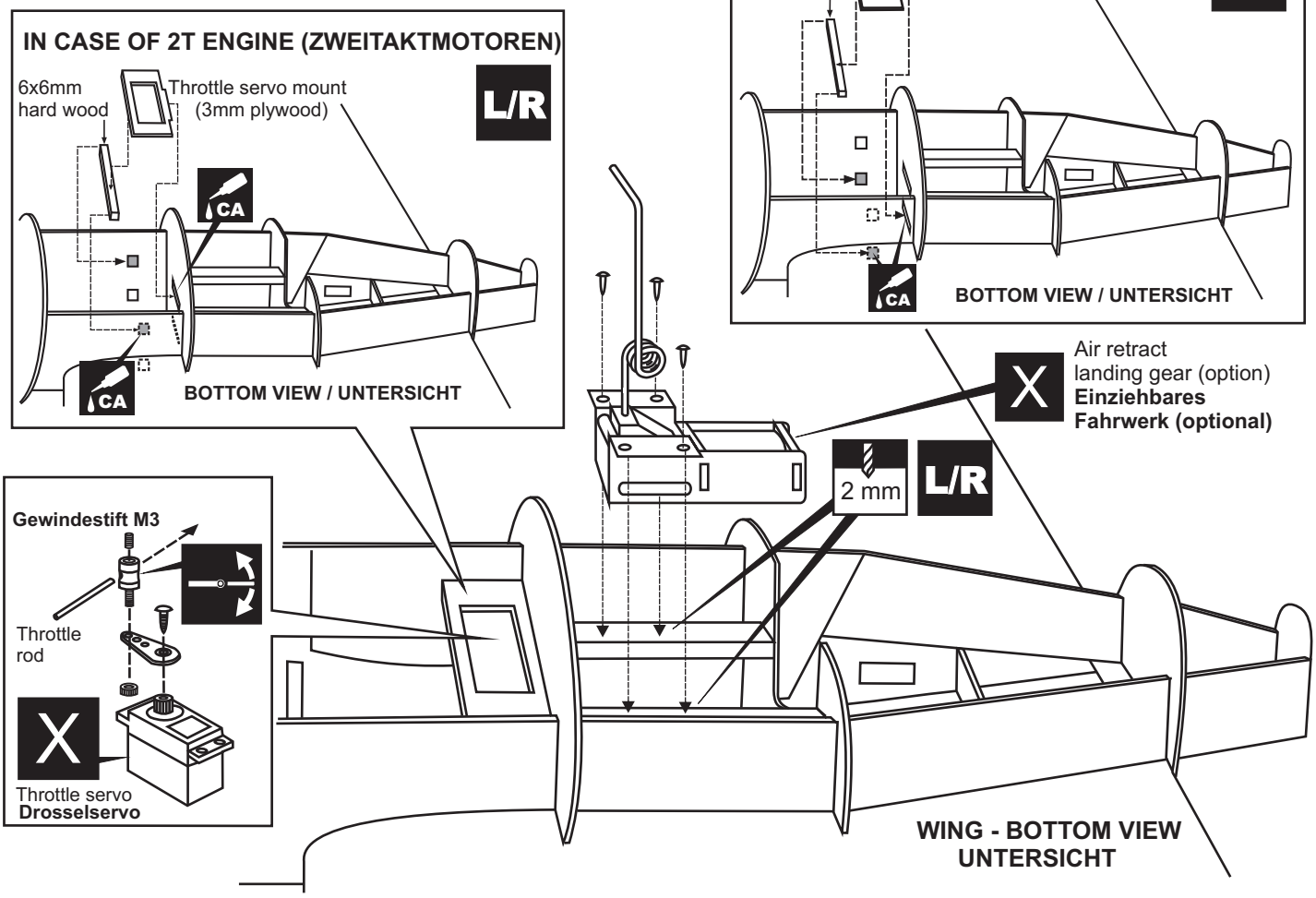




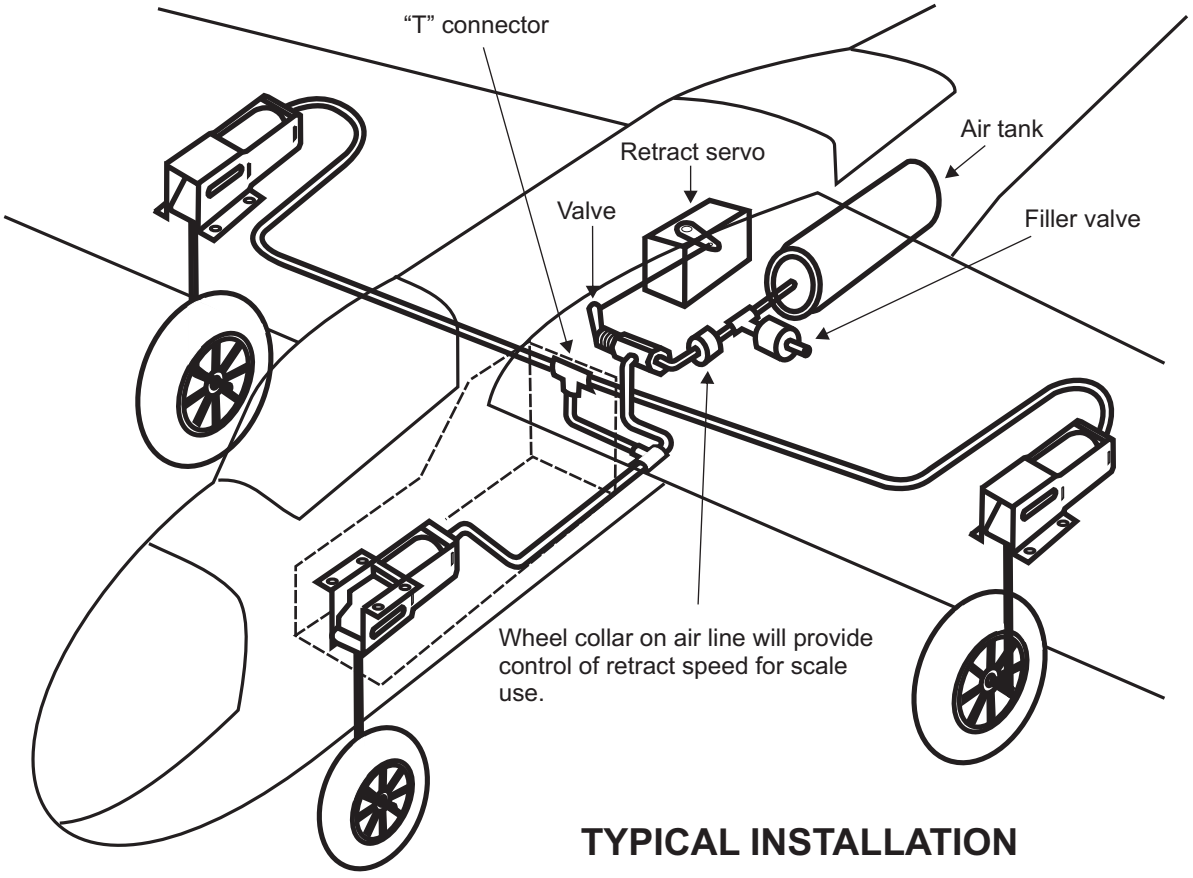
WING - BOTTOM VIEW / **UNTERSICHT**

1/8x25/64" screw
3x10mm schraube
....X 16

8- Air Retract landing gear
Einziehbares Fahrwerk (optional)

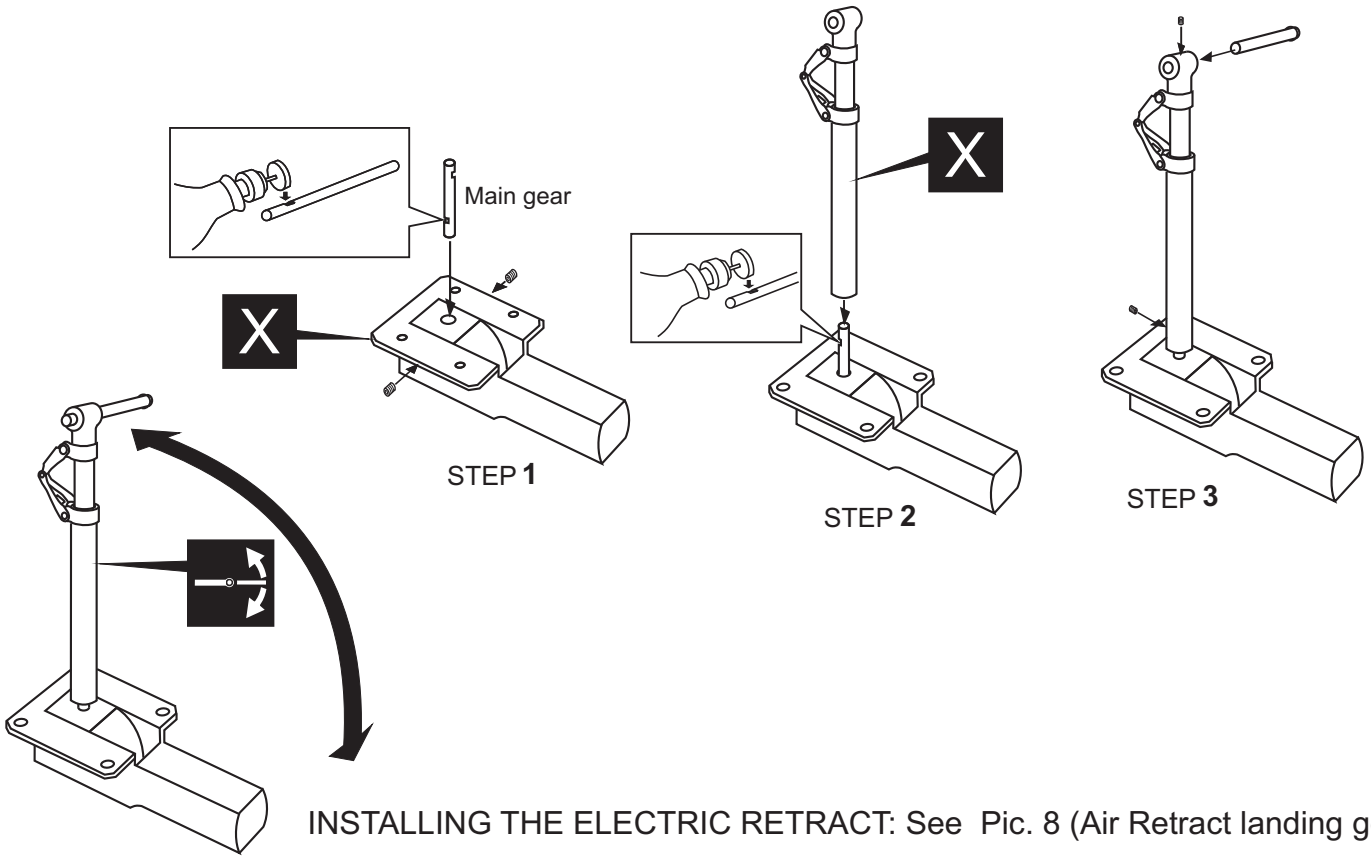


9- Air Retract landing / Einziehbares Fahrwerk (optional)



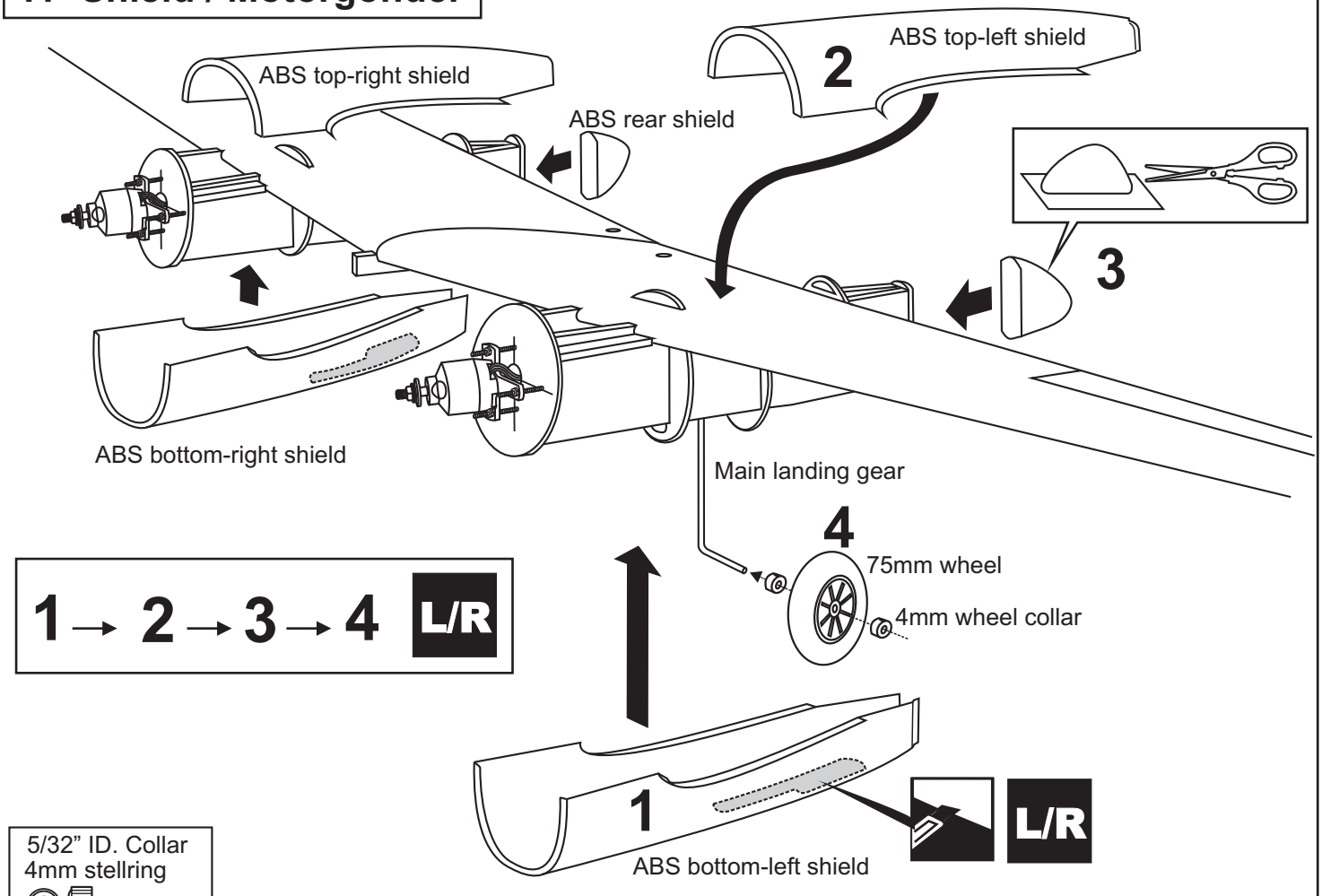
TYPICAL INSTALLATION

10- Electric Retract landing gear (optional)



INSTALLING THE ELECTRIC RETRACT: See Pic. 8 (Air Retract landing gear)

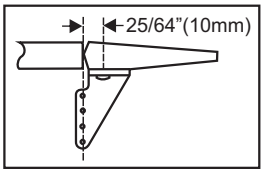
11- Shield / Motorgondel



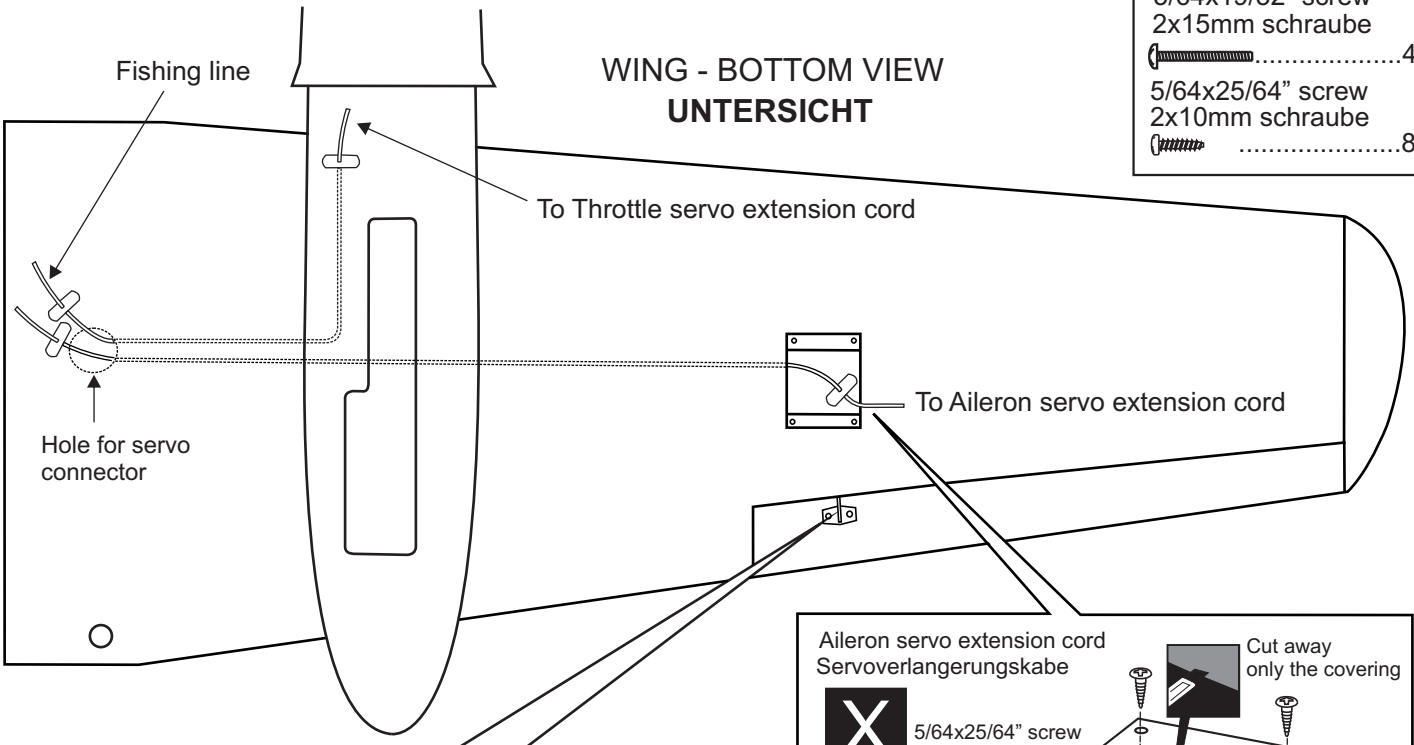
5/32" ID. Collar
4mm stellring
.....4

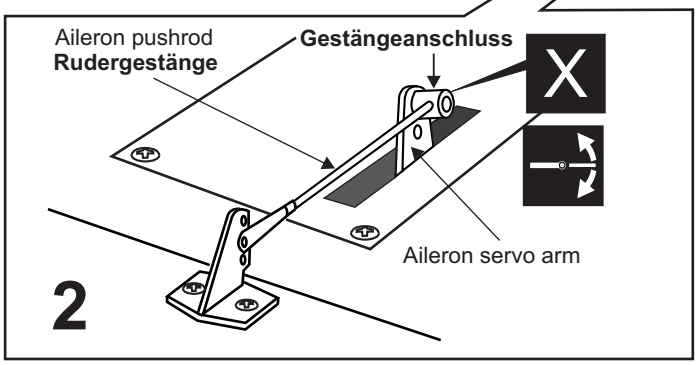
12- Aileron servo / Höhenruderservo

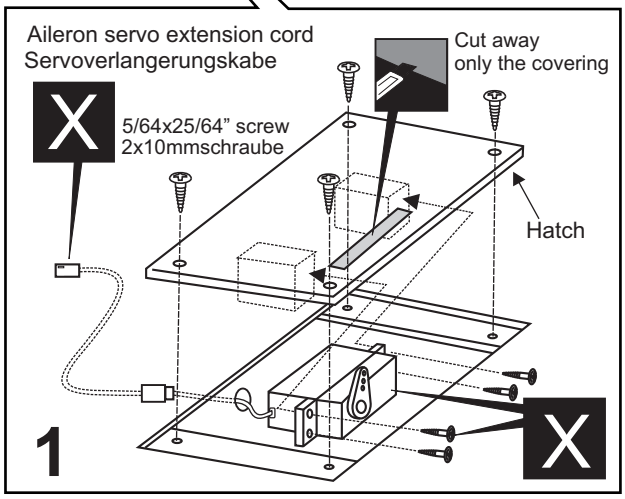
Use the fishing line inside each wing to lead the aileron and throttle servo extension cord all through the wing.



Plastic control horn
.....2
5/64x19/32" screw
2x15mm schraube
.....4
5/64x25/64" screw
2x10mm schraube
.....8

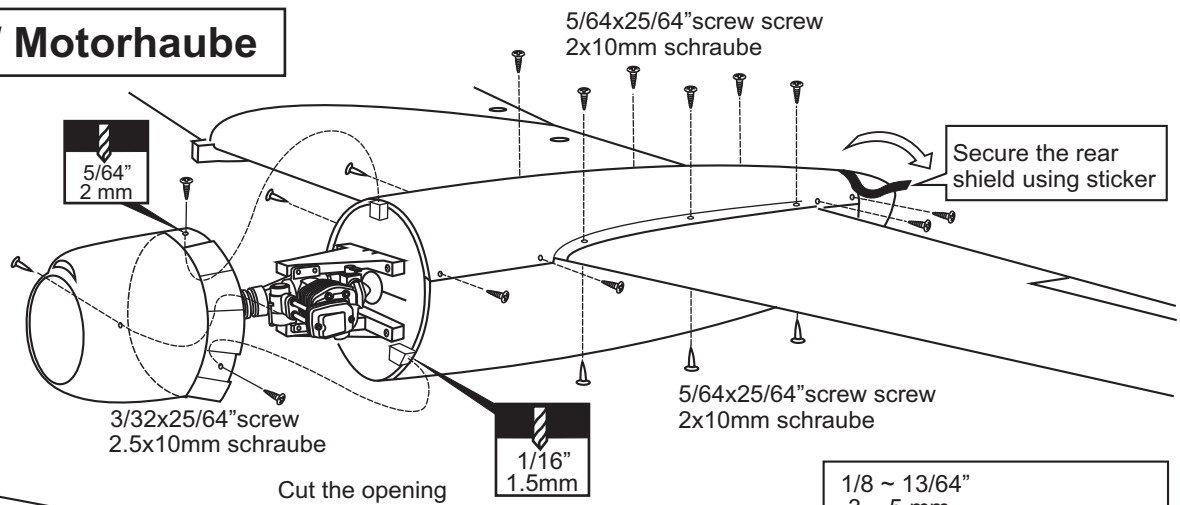


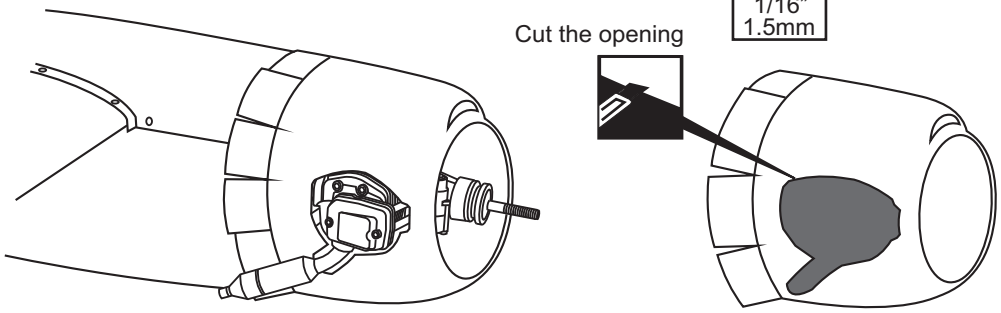


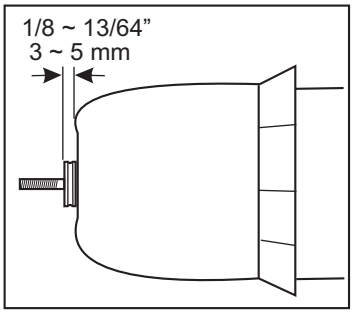


13. Cowling / Motorhaube

3/32x25/64"(2.5x10mm)
.....6
5/64x25/64"screw
2x10mm schraube
.....46

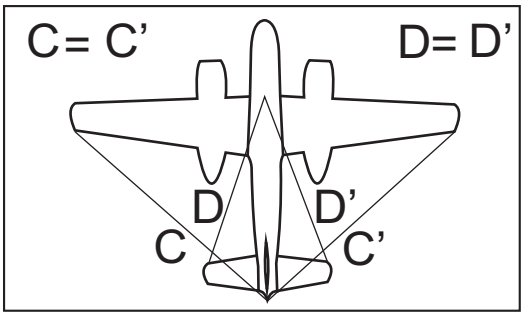


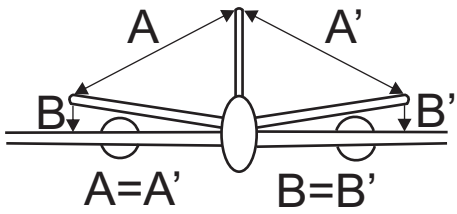




14- Stabilizers /Höhenruder - Höhenleitwerk

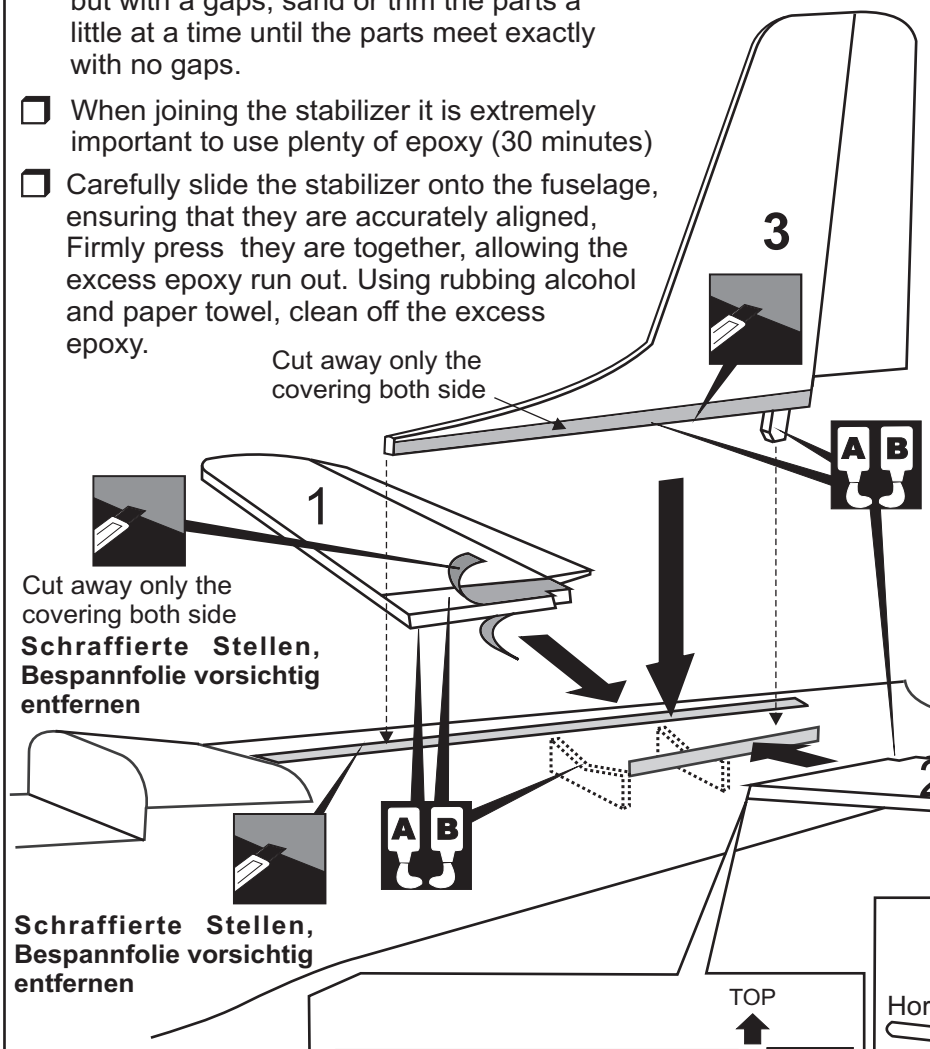
- ❒ Trial fit each part before gluing . Be certain that there are no gaps. If the parts will join, but with a gaps, sand or trim the parts a little at a time until the parts meet exactly with no gaps.
- ❒ When joining the stabilizer it is extremely important to use plenty of epoxy (30 minutes)
- ❒ Carefully slide the stabilizer onto the fuselage, ensuring that they are accurately aligned, Firmly press they are together, allowing the excess epoxy run out. Using rubbing alcohol and paper towel, clean off the excess epoxy.



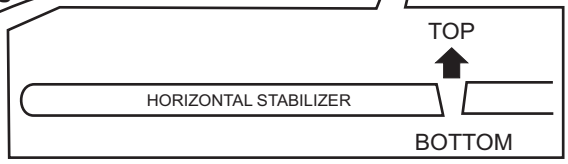


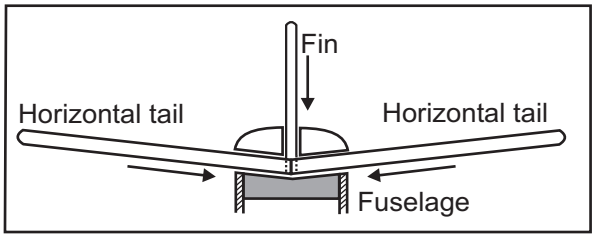
! Securely glue together. If coming off during flights. You lose control of your plane

Vergewissern Sie sich, sauber geklebt zu haben Andernfalls können Probleme mit der Flugeigenschaft auftreten !

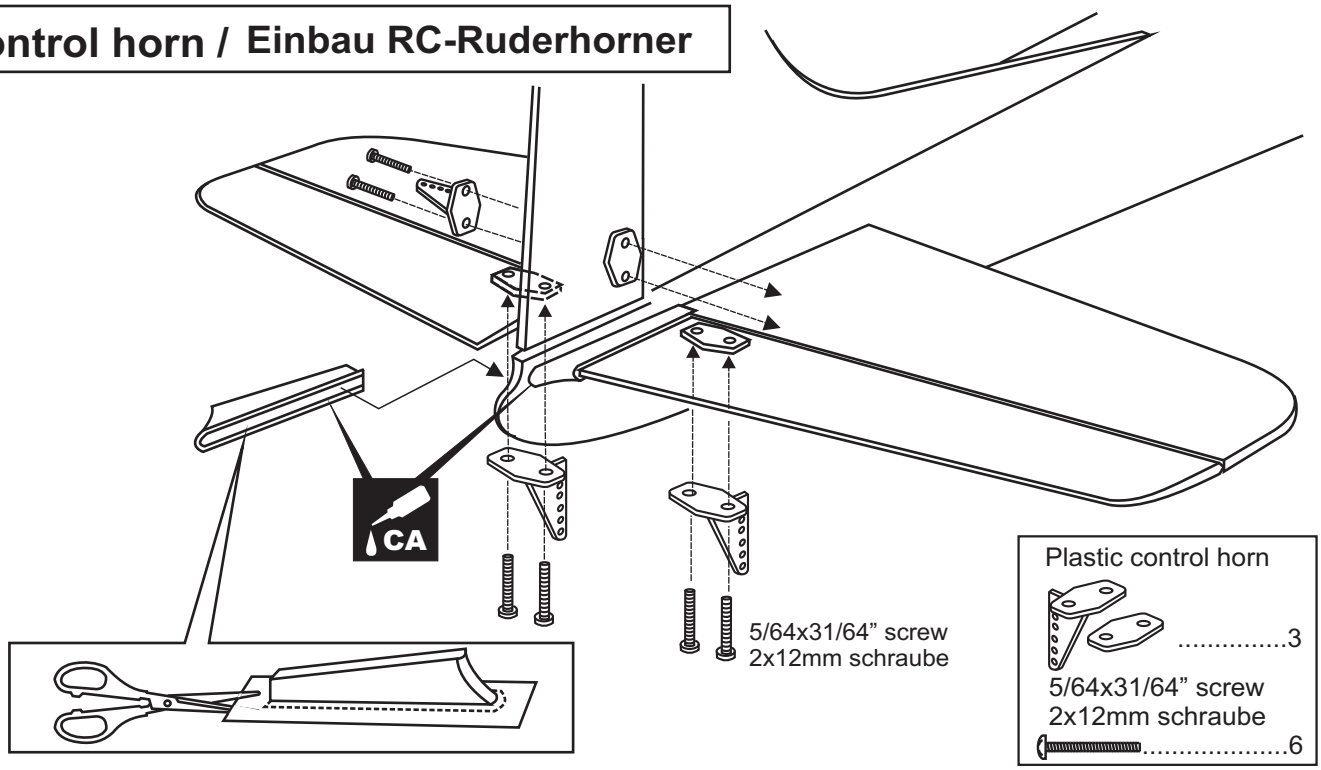


1→ 2→3





15- Control horn / Einbau RC-Ruderhorner



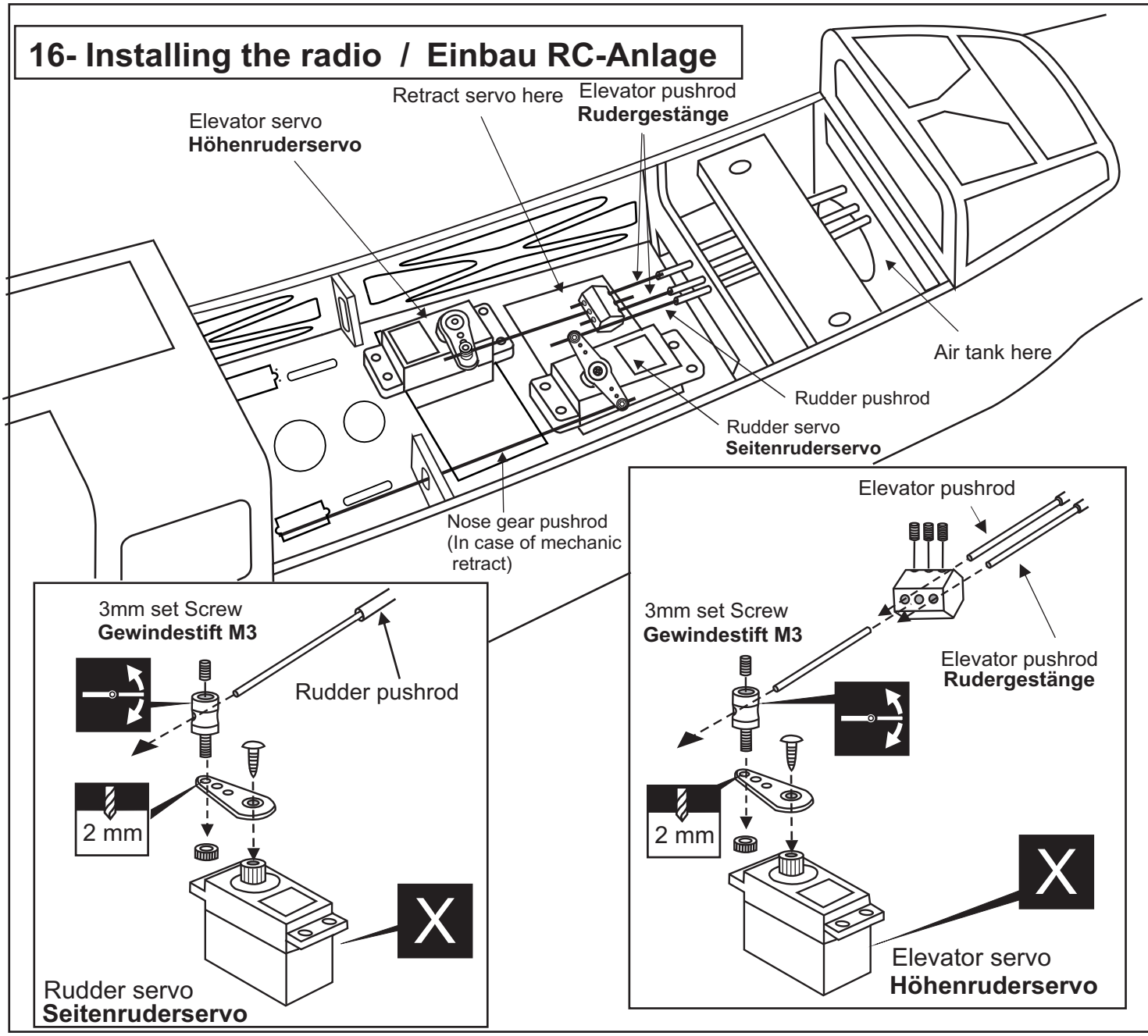
Plastic control horn

.....3

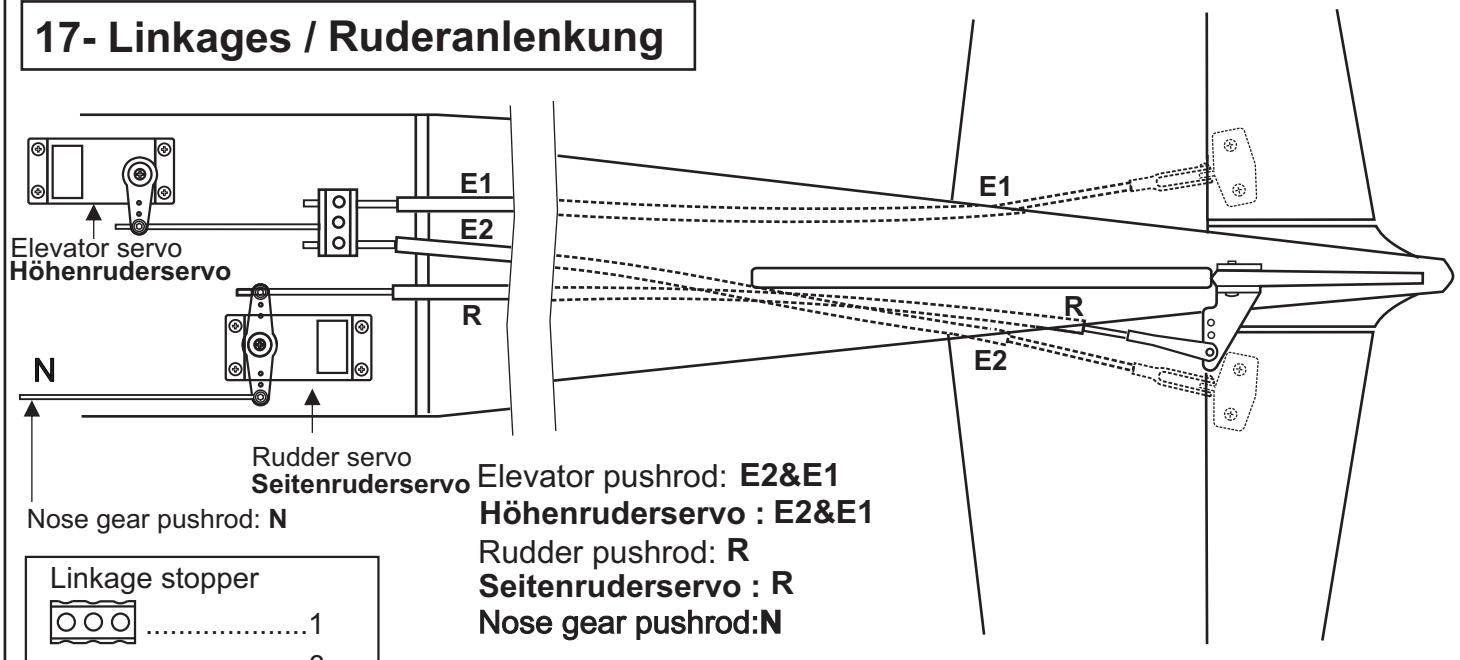
5/64x31/64" screw
2x12mm schraube

.....6

16- Installing the radio / Einbau RC-Anlage



17- Linkages / Ruderanlenkung

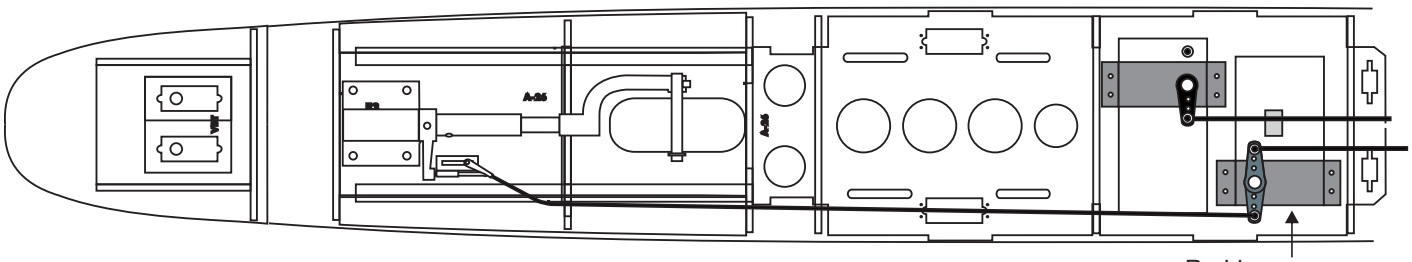


Elevator pushrod: **E2&E1**
Höhenruderservo : E2&E1
Rudder pushrod: **R**
Seitenruderservo : R
Nose gear pushrod:N

Linkage stopper
.....1
.....3
3x4mm set crew
.....6

FUSELAGE - TOP VIEW / AUFSICHT

18- Linkages / Ruderanlenkung



In case of mechanic retract landing gear

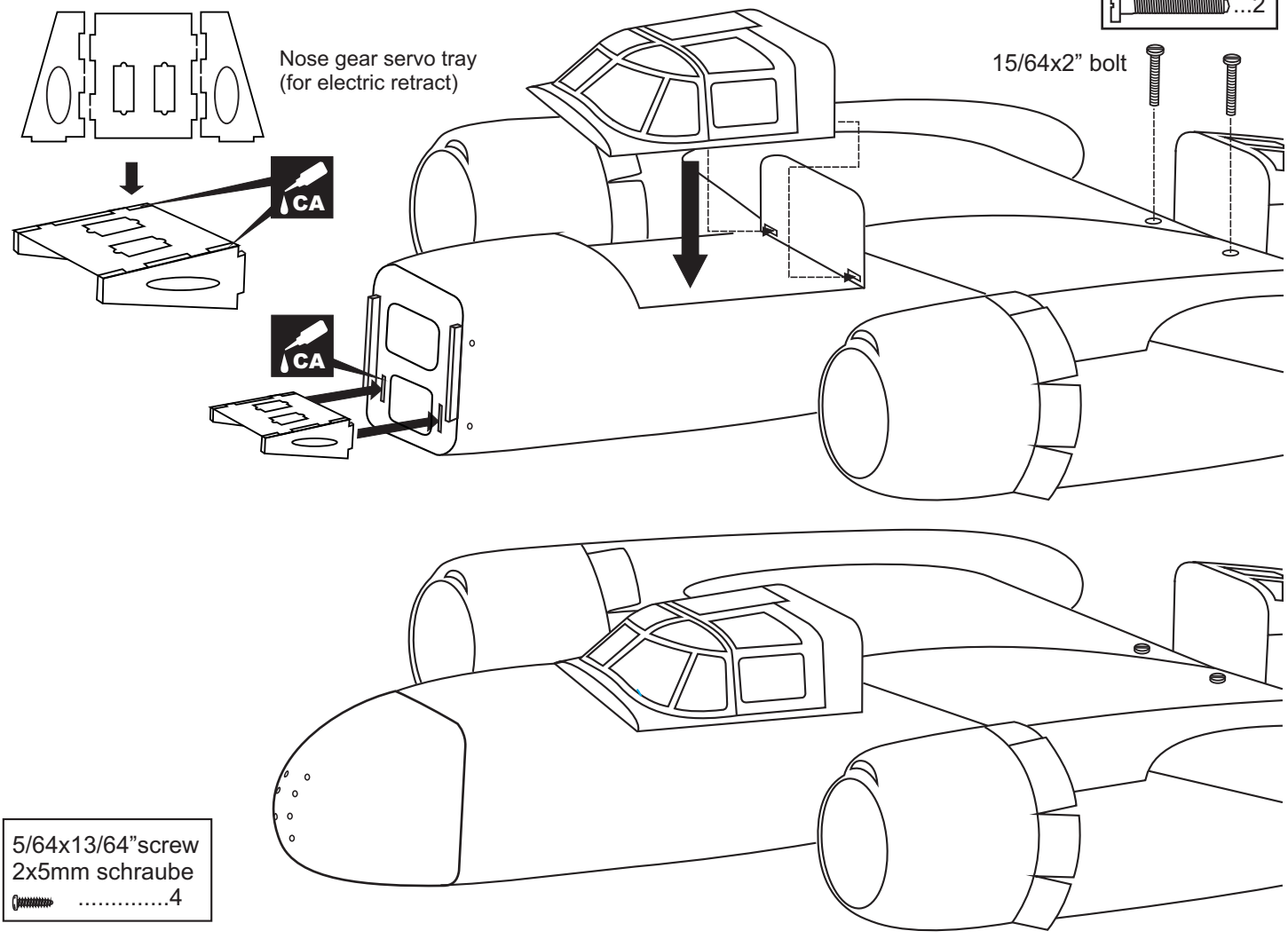
Rudder servo
Seitenruderservo

19-canopy / Kabinenhaube

15/64x2" bolt
6X50mm
...2

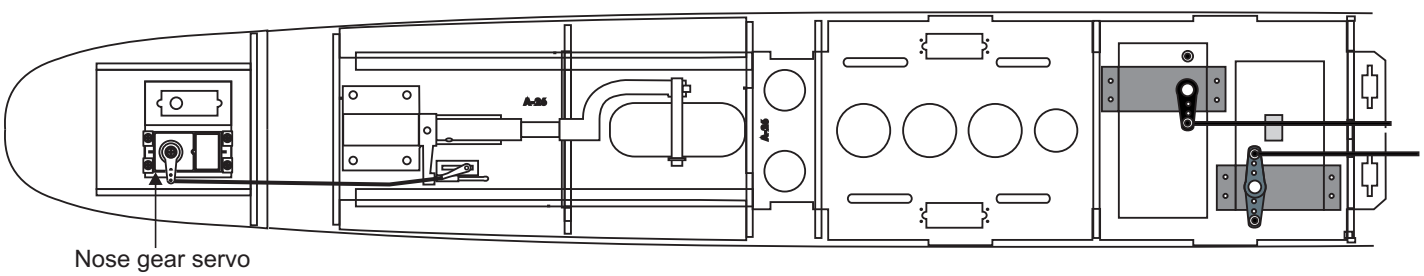
Nose gear servo tray
(for electric retract)

15/64x2" bolt



5/64x13/64"screw
2x5mm schraube
.....4

20- Linkages / Ruderanlenkung



Nose gear servo

In case of electric retract landing gear

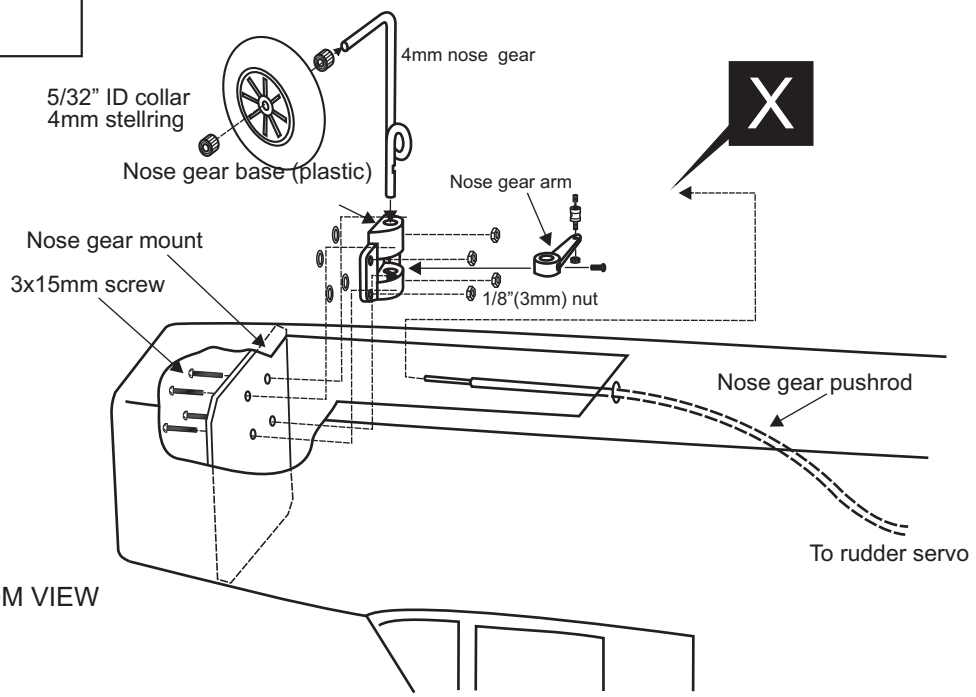
21- Nose gear (Fix gear)
Bugfahrwerk

1/8x19/32" screw
3x15mm schraube
...4

1/8"(3mm) nut
.....4

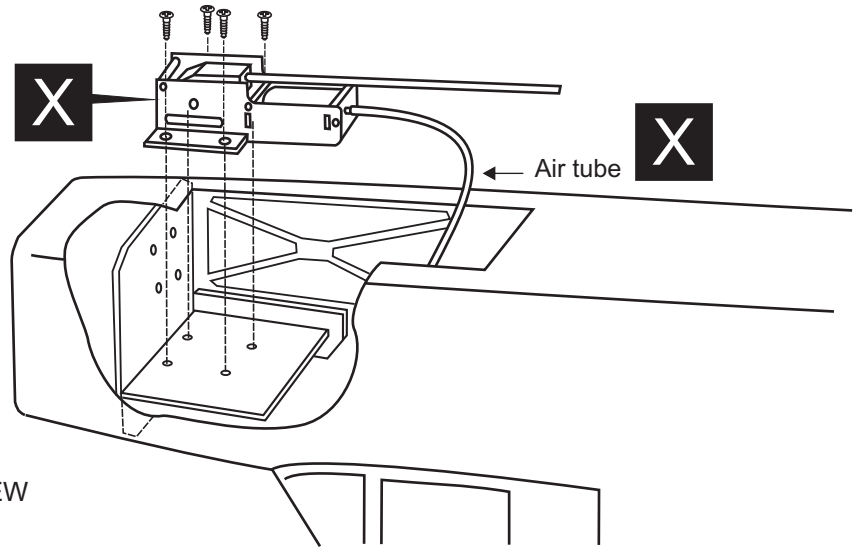
Nose gear arm
.....1

5/32" ID collar
4mm stellring
.....1



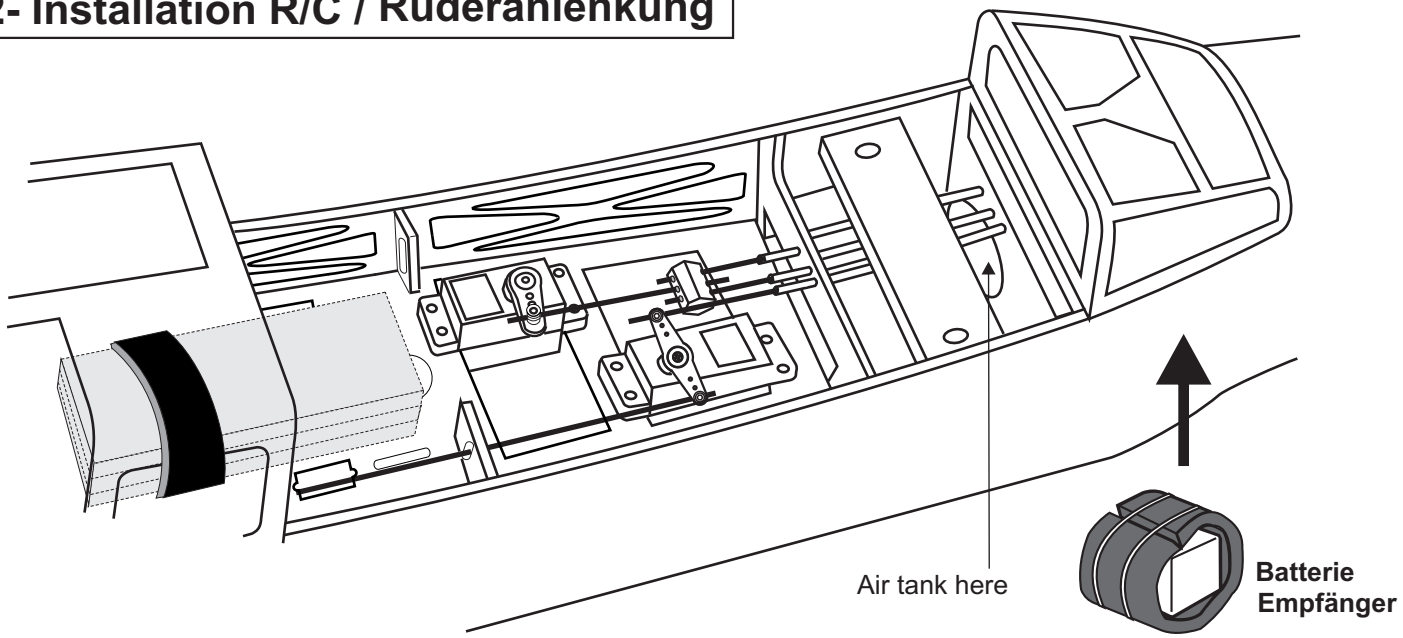
FUSELAGE BOTTOM VIEW
UNTERSICHT

Nose gear (air retract)
Bugfahrwek



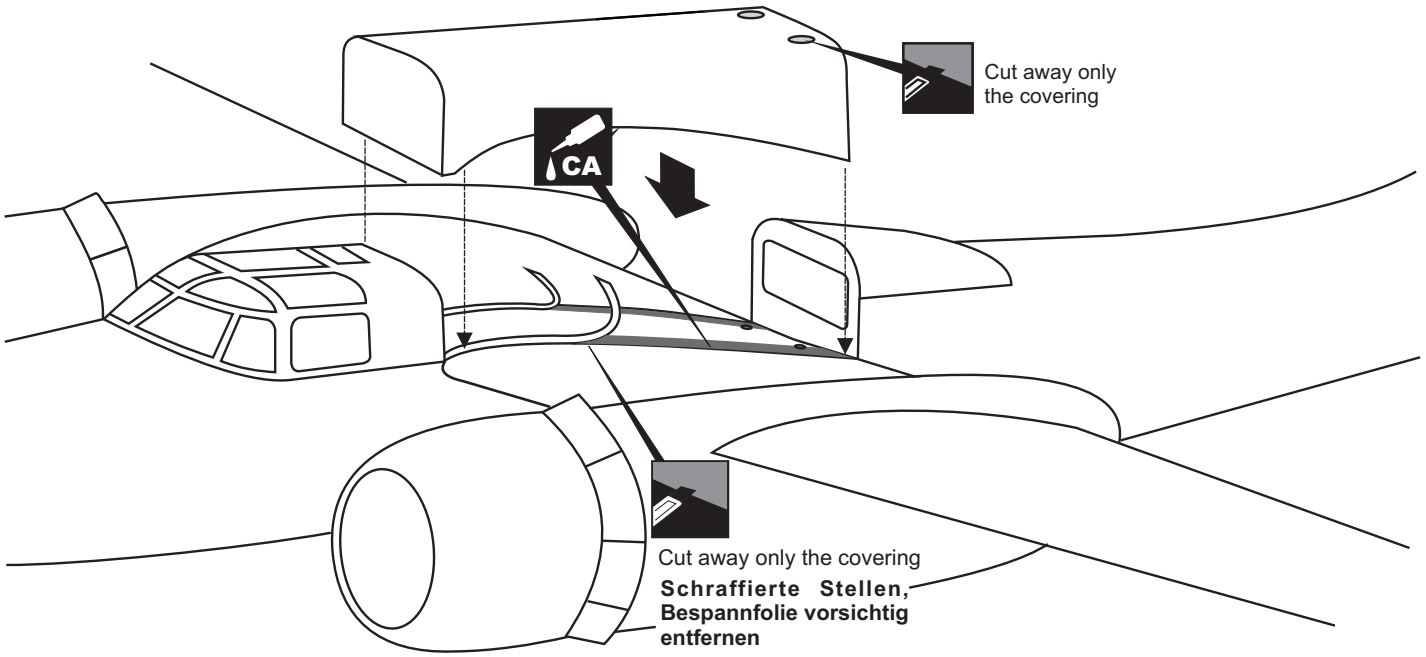
FUSELAGE BOTTOM VIEW
UNTERSICHT

22- Installation R/C / Ruderanlenkung

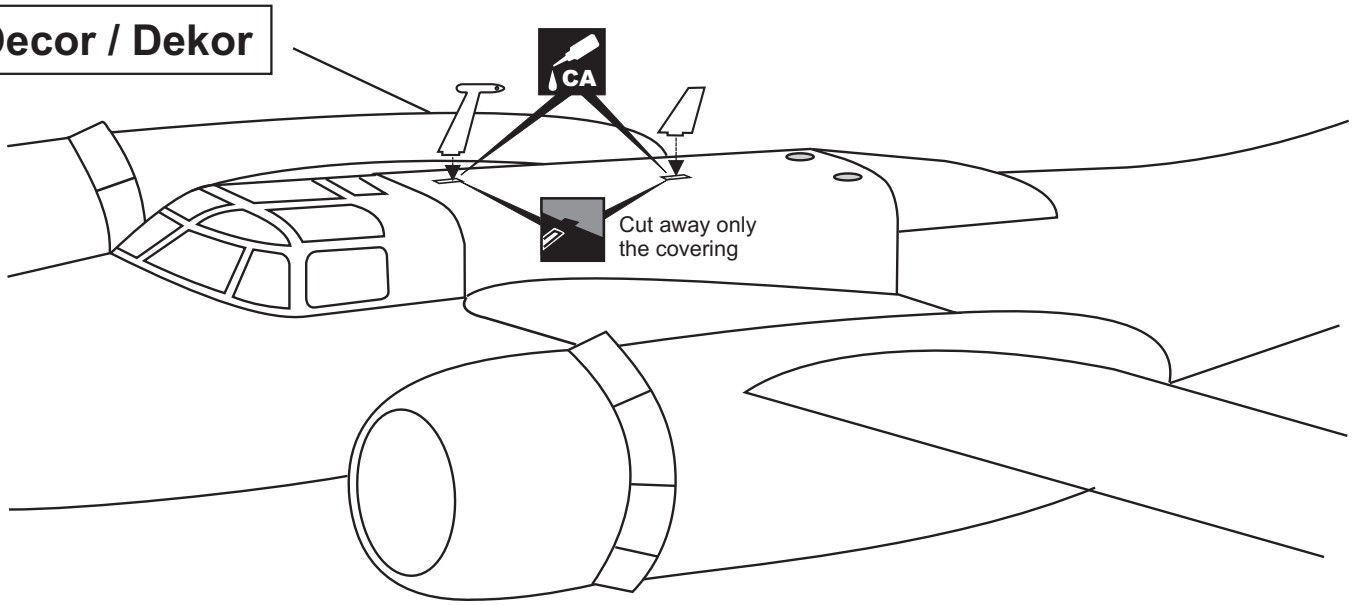


23- Wing shield

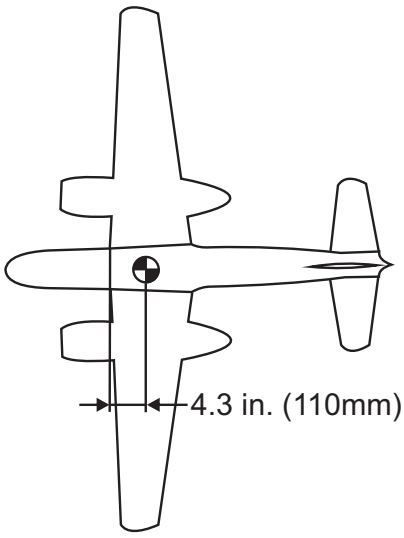
When you are satisfied with the alignment, use a pencil trace around the bottom of the wing shield where it meets the wing, Remove the wing shield from the wing, cut away the covering inside the pencil lines. Not to cut into the wood.

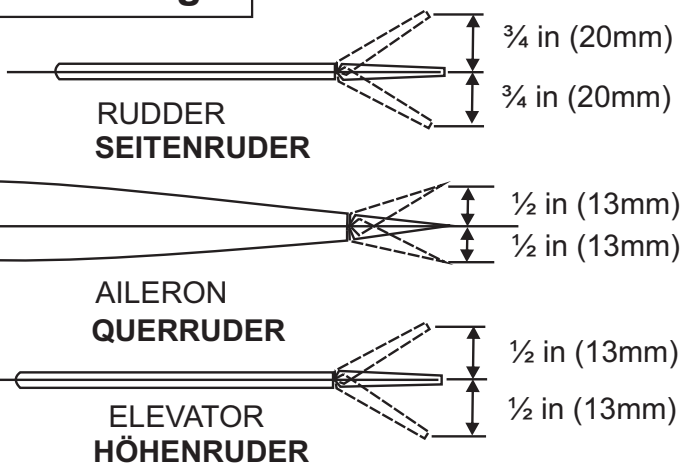


24- Decor / Dekor



25- Balance / Schwerpunkt - Ruderausschläge





26- Decor / Dekor