

Radio control model / R/C Flugmodell

46 Class (2T engine)

52 Class (4T engine)

Or Electric equivalent

INSTRUCTION MANUAL MONTAGEANLEITUNG

DE HAVILLAND DHC 2 BEAVER



SPECIFICATIONS

Wingspan	63.7in.
Length	43.9 in.
Electric Motor	870 Watt (PULSAR 60)
Glow Engine	.46 2-T / .70 4-T
Radio	5 Channel / 5 Servos

TECHNISCHE DATEN

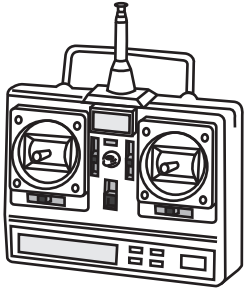
Spannweite	1620mm
Länge	1115mm
Elektroantrieb	870 Watt (PULSAR 60)
Verbrennerantrieb	7.5cc 2-T / 11cc 4-T
Fernsteuerung	5 Kanal / 5 Servos



WARNING! This radio controlled model is NOT a toy. If modified or flown carelessly it could go out of control 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 inexperienced.

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 Unterstützung, 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.

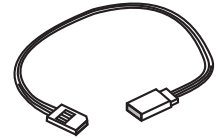
REQUIRED FOR OPERATION (Purchase separately) BENÖTIGTE KOMPONENTEN (Nicht im Lieferumfang enthalten)



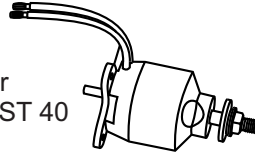
Minimum 5 channel radio for airplane
Minimum 5 Kanal Fernsteuerung



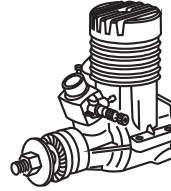
Propeller 11x8 for electric motor / 11x6 for glow engine
Luftschraube 11x8 für Elektromotor / 11x6 für Verbrennungsmotor



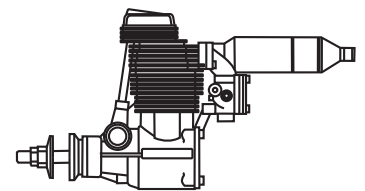
Extension cord
Servoverlängerungskabel



Brushless Motor
PICHLER BOOST 40
Brushless ESC
Brushless Regler



Battery / Flugakku **LEMONRC 3700-11.1V** .46 cu.in. (7.5cc)



.52 cu.in (8.5cc)



Cyanoacrylate Glue
Sekundenkleber

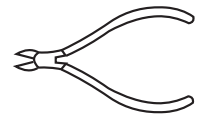
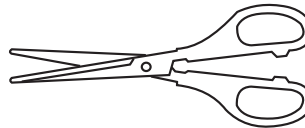
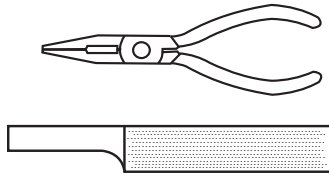


Silicon
Silikonkleber



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


Tool Required/ Erforderliches Werkzeug




The pre-covered film on ARF kit may wrinkle due to variations of temperature.
Store model in a cool and dry place for awhile.
Then, starting with low heat, you may carefully use a hair dryer to smooth out wrinkles.


Die Bespannung des Modells kann durch Temperatureinflüsse erschlaffen oder Falten werfen z.B. bei zu starker Sonneneinstrahlung oder Hitze.
Stellen Sie das Modell zunächst an einen kühlen Platz für eine bestimmte Zeit. Danach können Sie versuchen die restlichen Falten vorstichtig mit einem Haartrockner zu behandeln.





 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

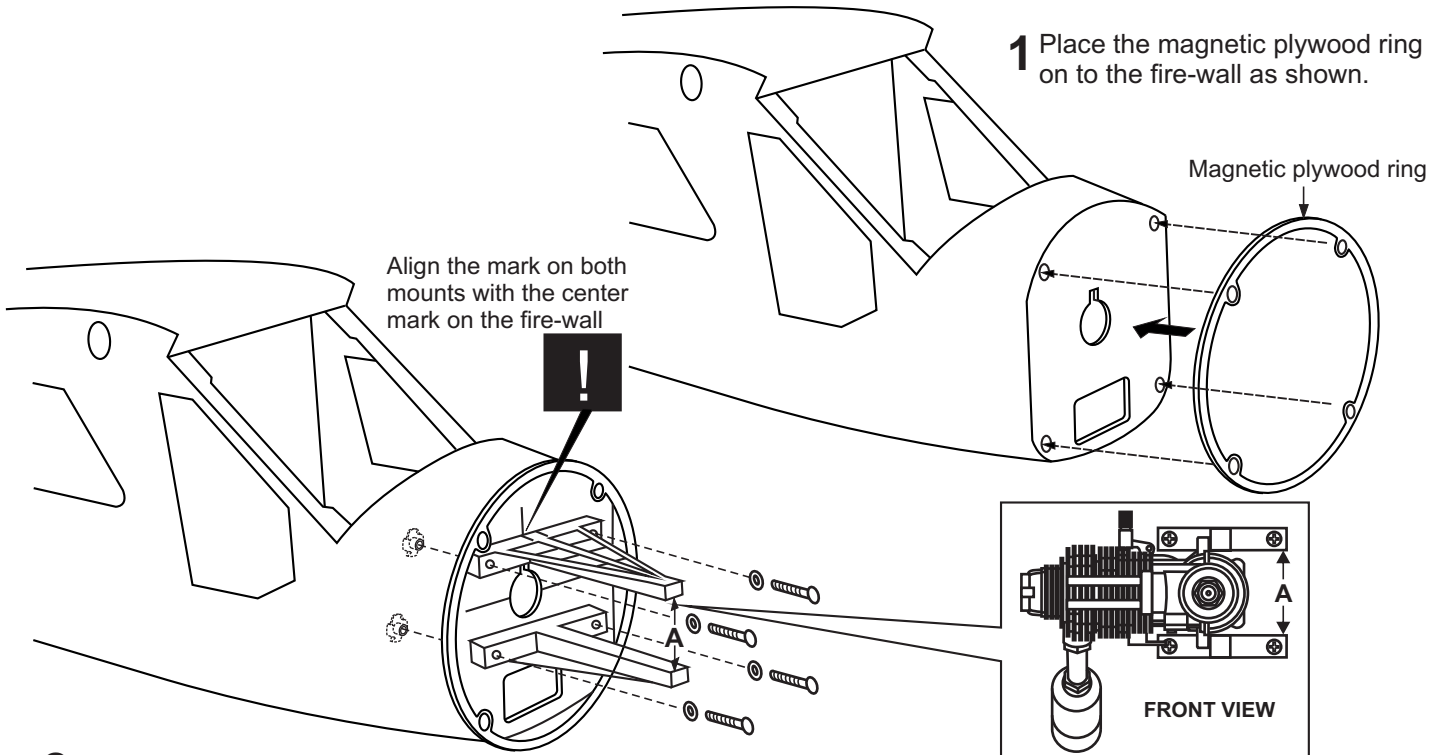
 Nicht enthalten. Teile müssen separat gekauft werden.

CONVERSION TABLE

1.0mm = 3/64"	3.0mm = 1/8"	10mm = 13/32"	25mm = 1"
1.5mm = 1/16"	4.0mm = 5/32"	12mm = 15/32"	30mm = 1-3/16"
2.0mm = 5/64"	5.0mm = 13/64"	15mm = 19/32"	45mm = 1-51/64"
2.5mm = 3/32"	6.0mm = 15/64"	20mm = 51/64"	

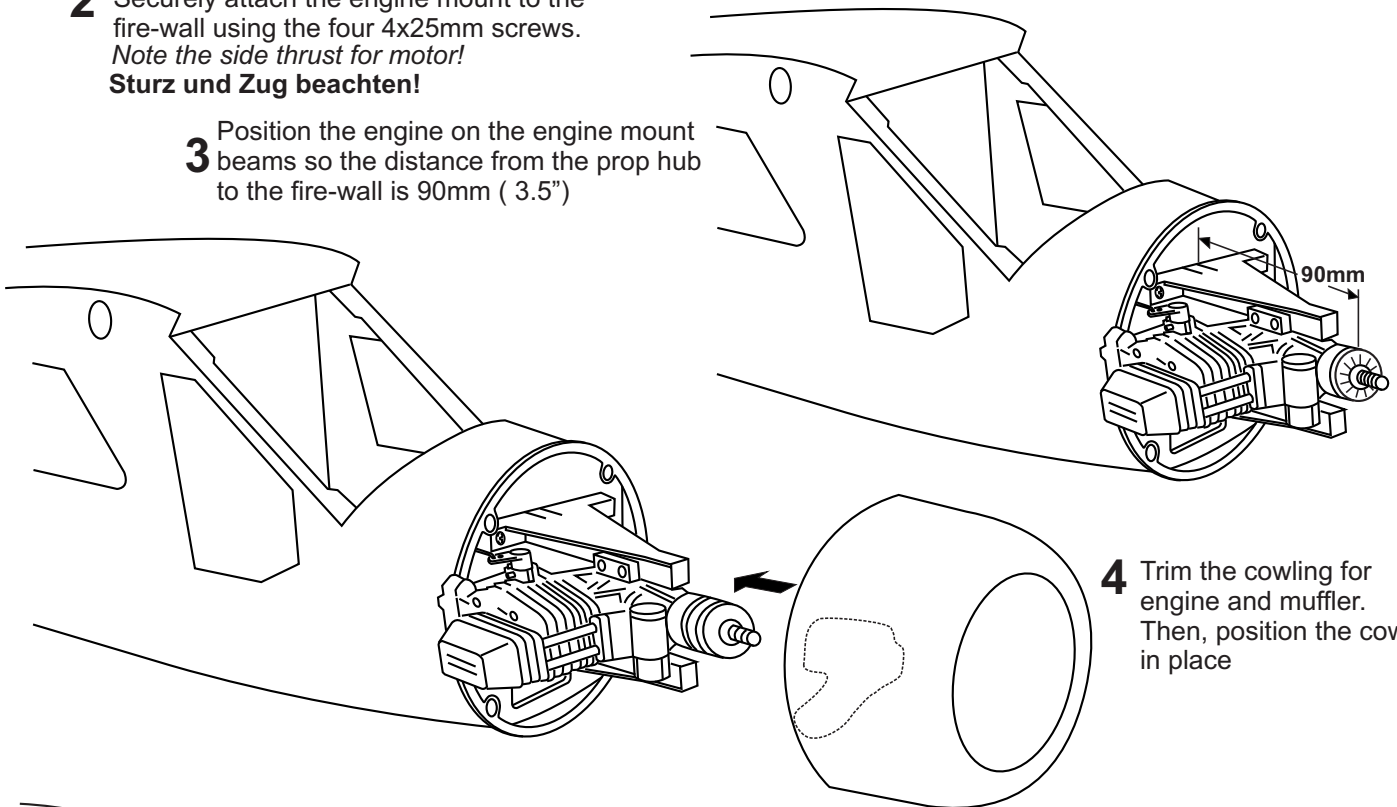
1- Engine /

1 Place the magnetic plywood ring on to the fire-wall as shown.



2 Securely attach the engine mount to the fire-wall using the four 4x25mm screws. *Note the side thrust for motor!*
Sturz und Zug beachten!

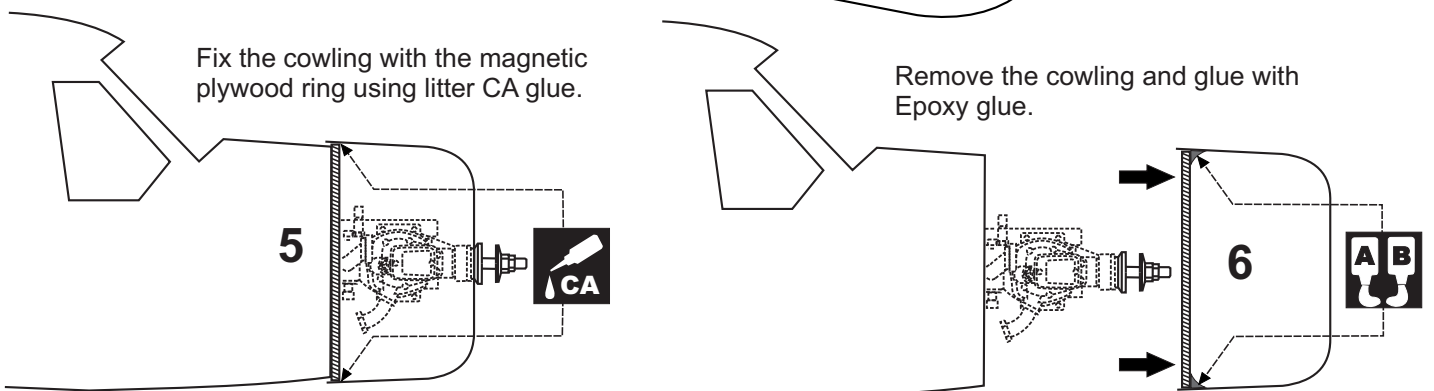
3 Position the engine on the engine mount beams so the distance from the prop hub to the fire-wall is 90mm (3.5")



4 Trim the cowling for engine and muffler. Then, position the cowling in place

Fix the cowling with the magnetic plywood ring using litter CA glue.

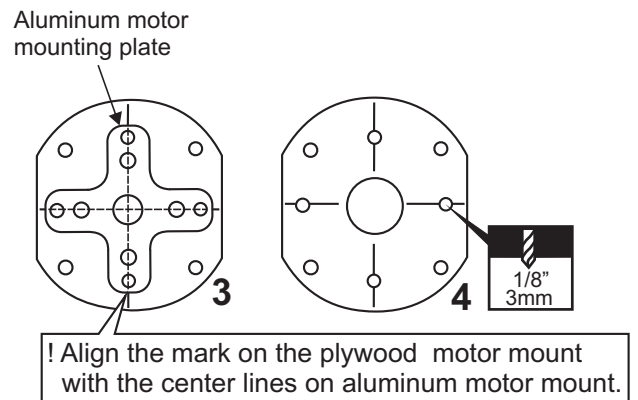
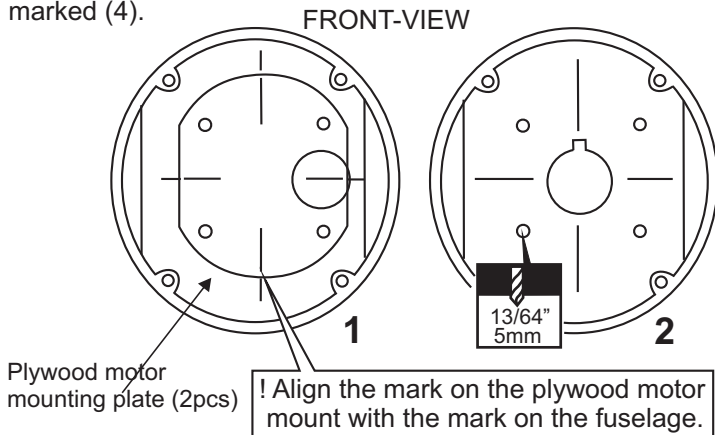
Remove the cowling and glue with Epoxy glue.



2- Motor mount /

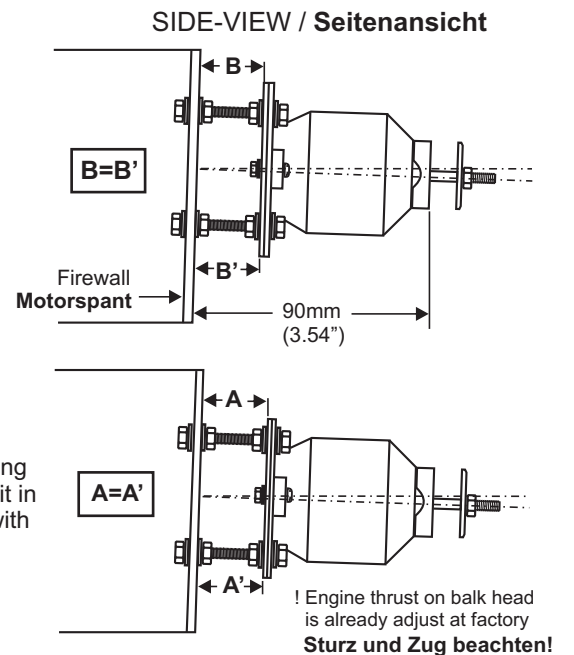
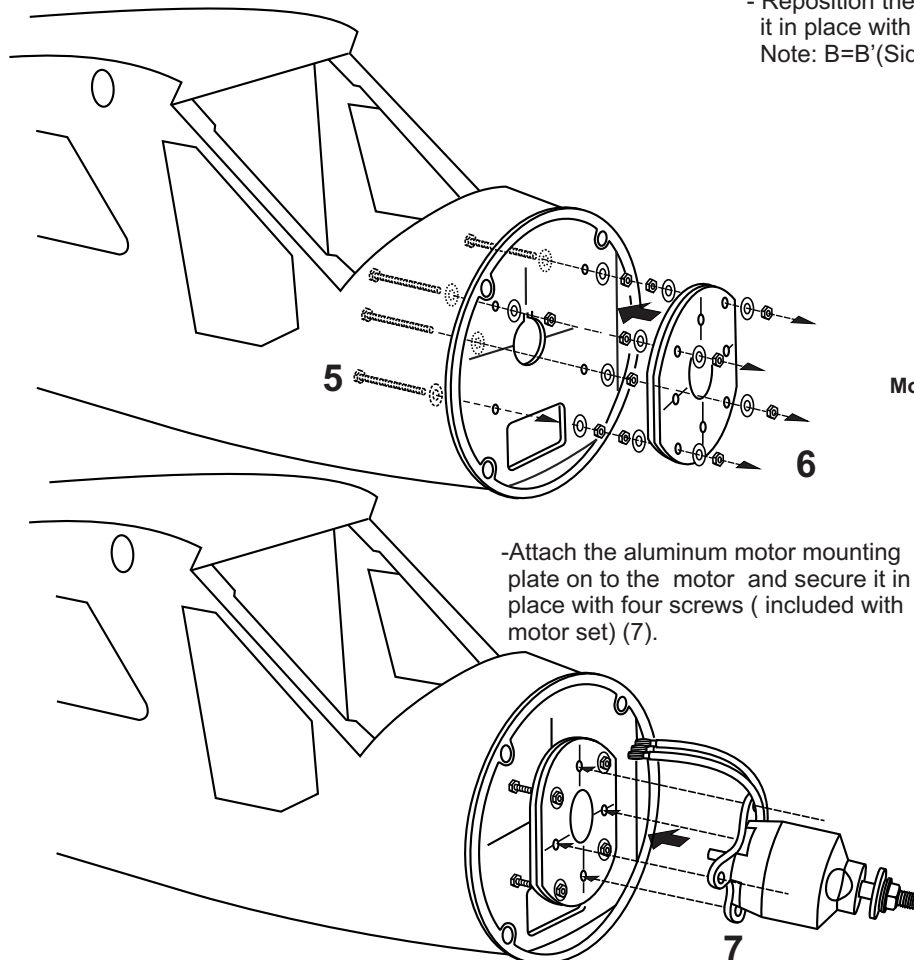
- Using a plywood motor mounting plate as a template, mark the fire wall where the four holes are to be drilled (1).

- Remove the plywood motor mounting plate and drill a 13/64" (5mm) hole through the fire-wall at each of the four marks marked (2).
- Using an aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled (3).
- Remove the aluminum motor mounting plate and drill a 1/8" (3mm) hole through the plywood at each of the four marks marked (4).



3- Electric Motor /

- Push the four 5x35mm bolts through the fire-wall as shown (5).
 - Reposition the plywood motor mounting plate (2pcs) and secure it in place with twelve 5mm nuts and washers (6).
- Note: B=B' (Side-view) and A=A' (Top-view)



5x35 screw	5mm washer
X4	X16
5mm nut	
X12	

Sperrholztrager Platten zusammenkleben, wie gezeigt ausrichten und Locher bohren.

Motor nach untenstehendem Schema einbauen.

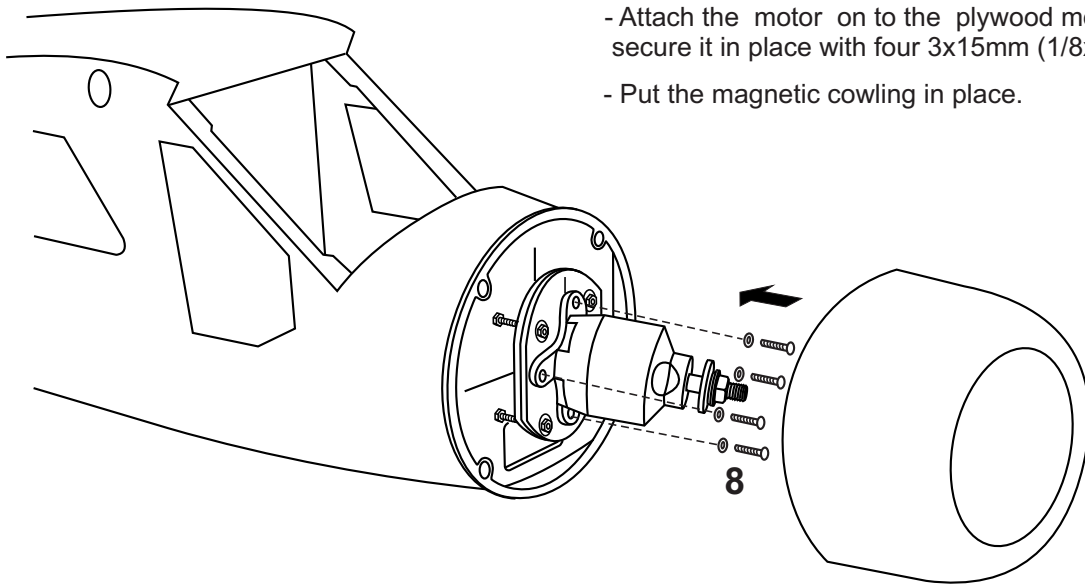
Fur optimale Leistung empfehlen wir folgende Komponenten:

- Brushless-Motor PICHLER BOOST 40
- Brushless Regler PICHLER ESC-60
- LiPO Akku LEMONRC 3700-11,1V
- Luftschaube 11x8

For maximum performance, we recommended the following:

- Brushless-Motor PICHLER BOOST 40
- Brushless Regler PICHLER ESC-60
- LiPO Battery LEMONRC 3700-11,1V
- Luftschaube 11x8

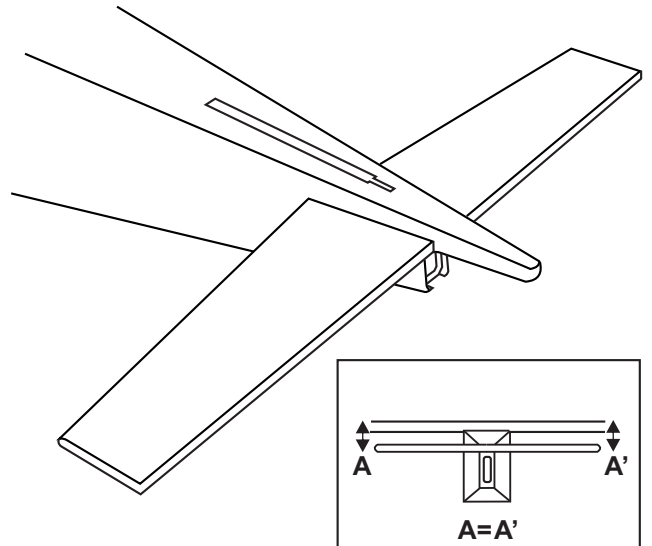
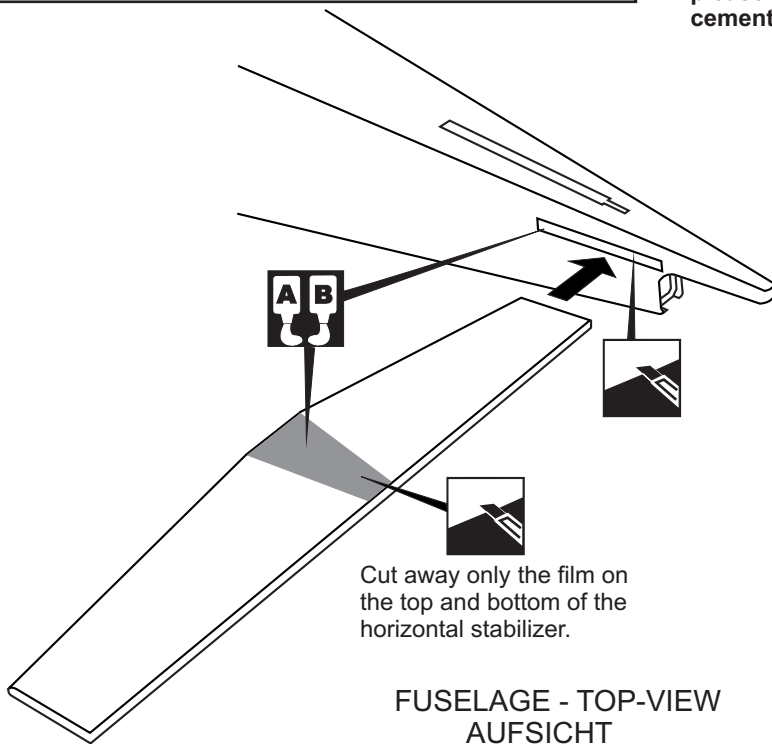
4- Cowling / Motorverkleidung



- Attach the motor on to the plywood motor mounting plate and secure it in place with four 3x15mm (1/8x19/32") screws(8).
- Put the magnetic cowling in place.

5- Horizontal stabilizer / Höhenruder


*** WARNING:** When removing any covering from the airframe, please ensure that you secure the cut edge with CA or similar cement. This will ensure the covering remain tight.

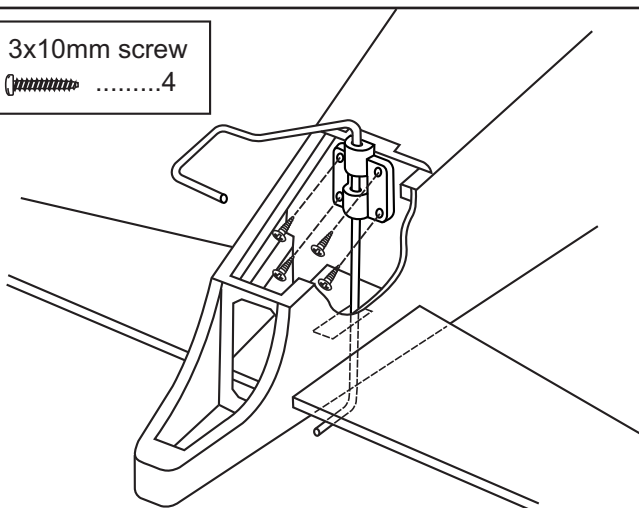


Securely glue together. If coming off during flight, you lose control of your air plane.

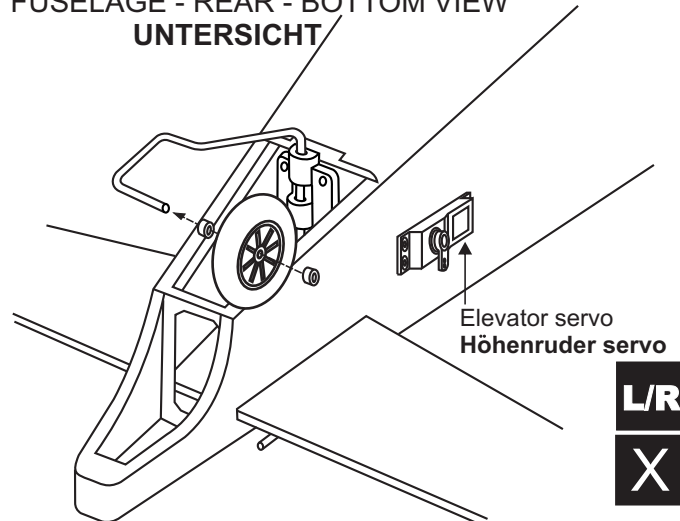
Vergewissern Sie sich, sauber geklebt zu haben. Andernfalls können Probleme mit der Flugeigenschaft auftreten!

6- Tail gear / Heckspornrad

3x10mm screw
4



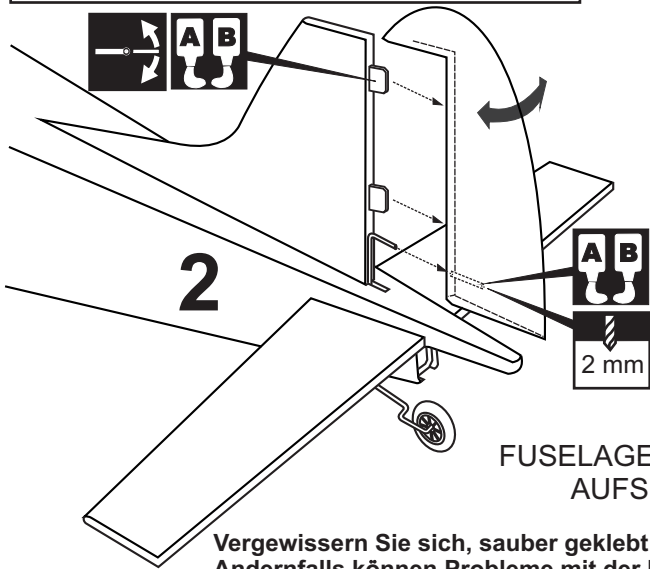
FUSELAGE - REAR - BOTTOM VIEW
UNTERSICHT



L/R

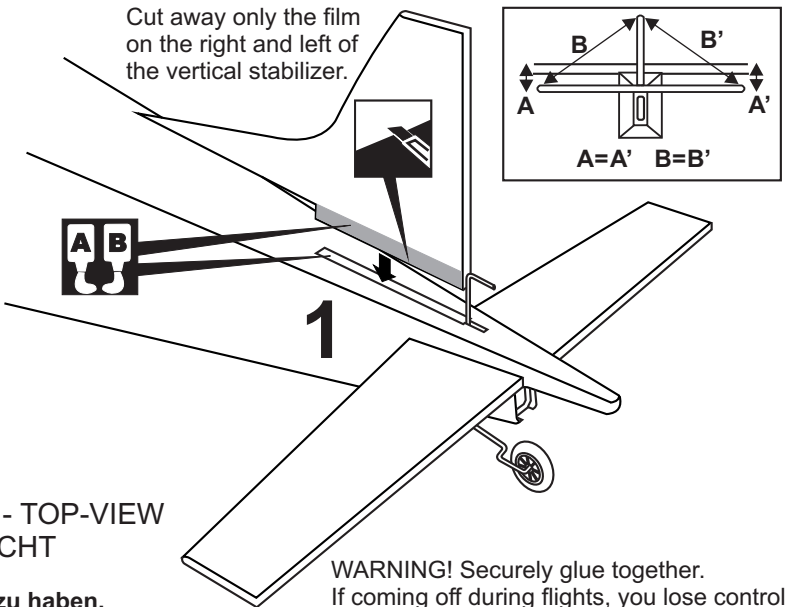
X

7- Vertical stabilizer /

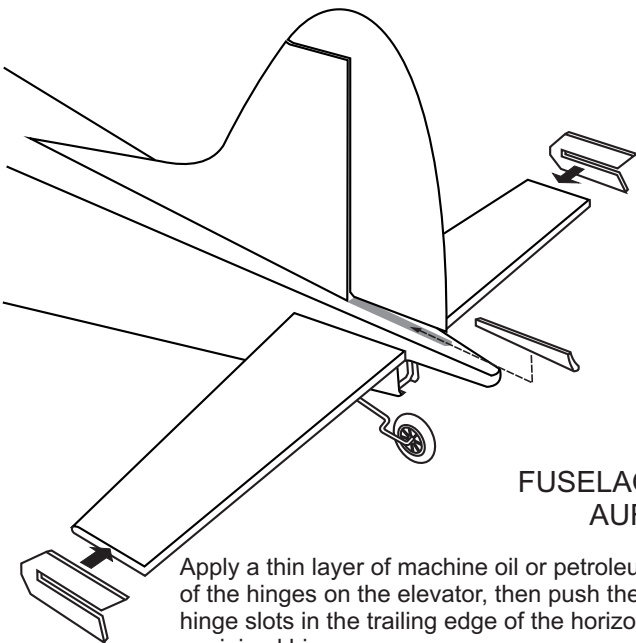


Vergewissern Sie sich, sauber geklebt zu haben.
Andernfalls können Probleme mit der Flugeigenschaft auftreten!

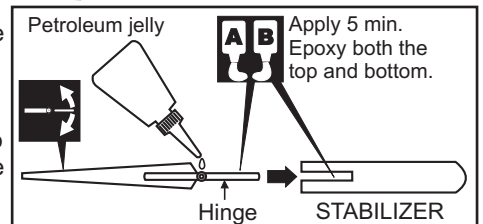
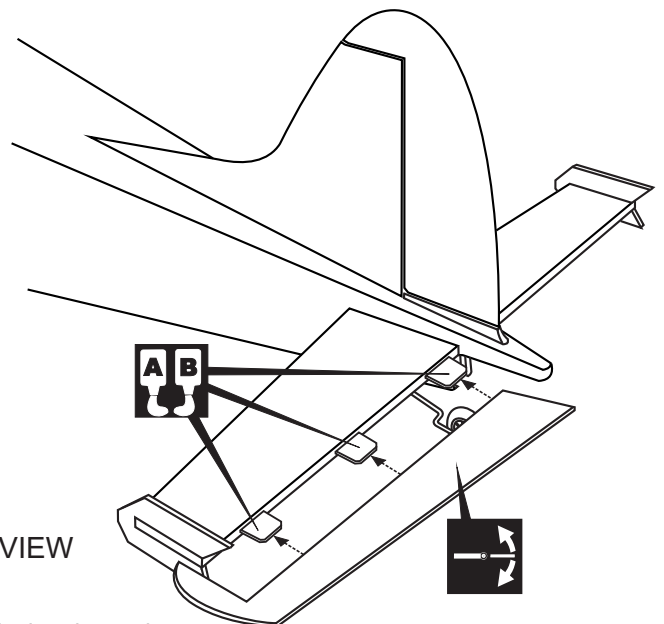
Cut away only the film
on the right and left of
the vertical stabilizer.



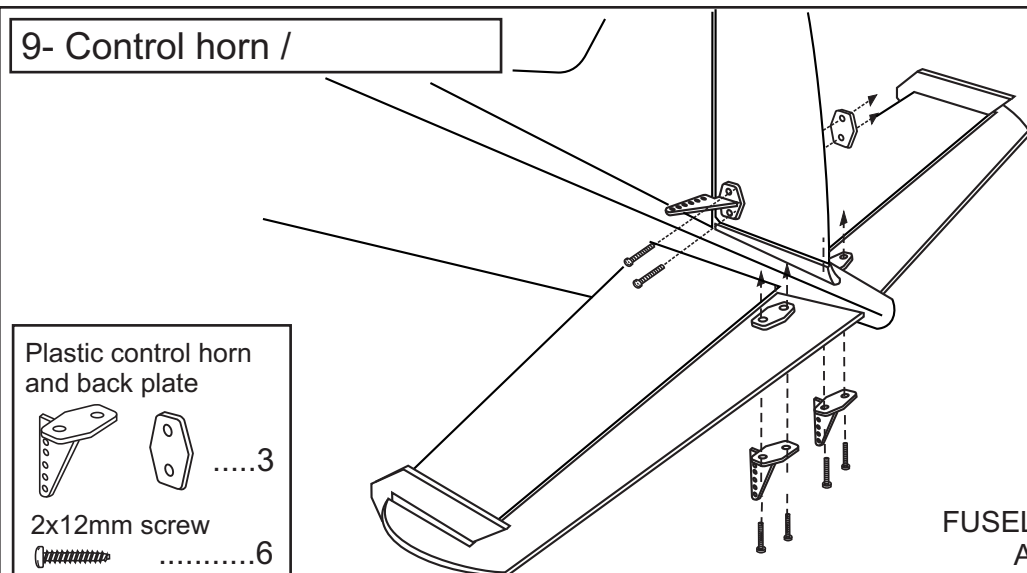
8- Elevator /



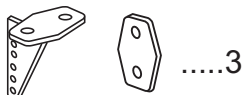
Apply a thin layer of machine oil or petroleum jelly to only the pivot point
of the hinges on the elevator, then push the elevator and its hinges into the
hinge slots in the trailing edge of the horizontal stabilizer. There should be
a minimal hinge gap.
When satisfied with the and alignment, hinge the elevator to the horizontal
stabilizer using 5 minute epoxy. Make sure to apply a thin layer of epoxy to
the top and bottom of both hinges and to inside the hinge slots. Repeat the
previous procedures to hinge the second elevator to the other side of the
horizontal stabilizer.



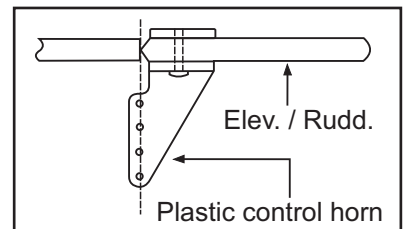
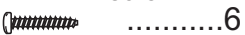
9- Control horn /



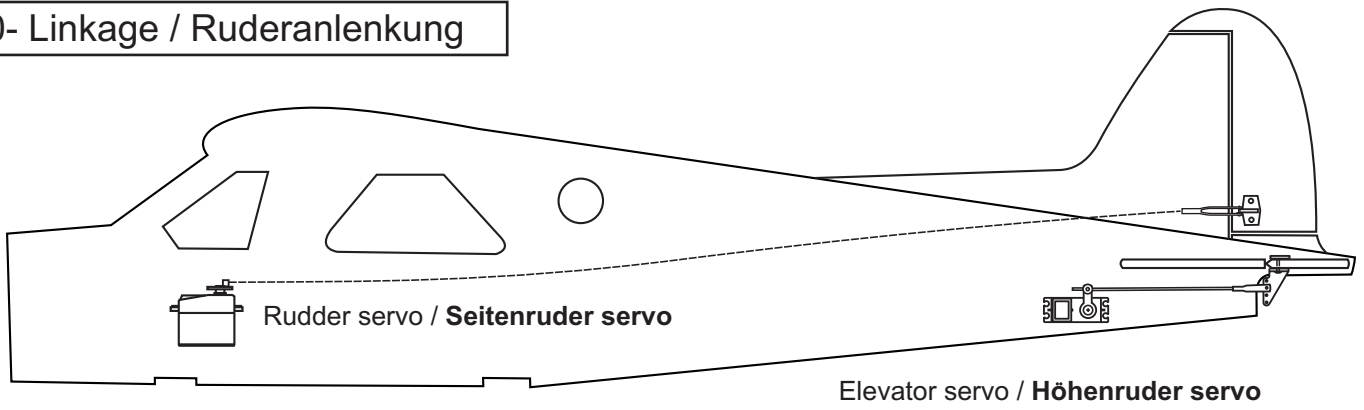
Plastic control horn
and back plate



2x12mm screw

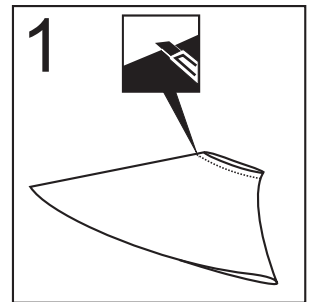
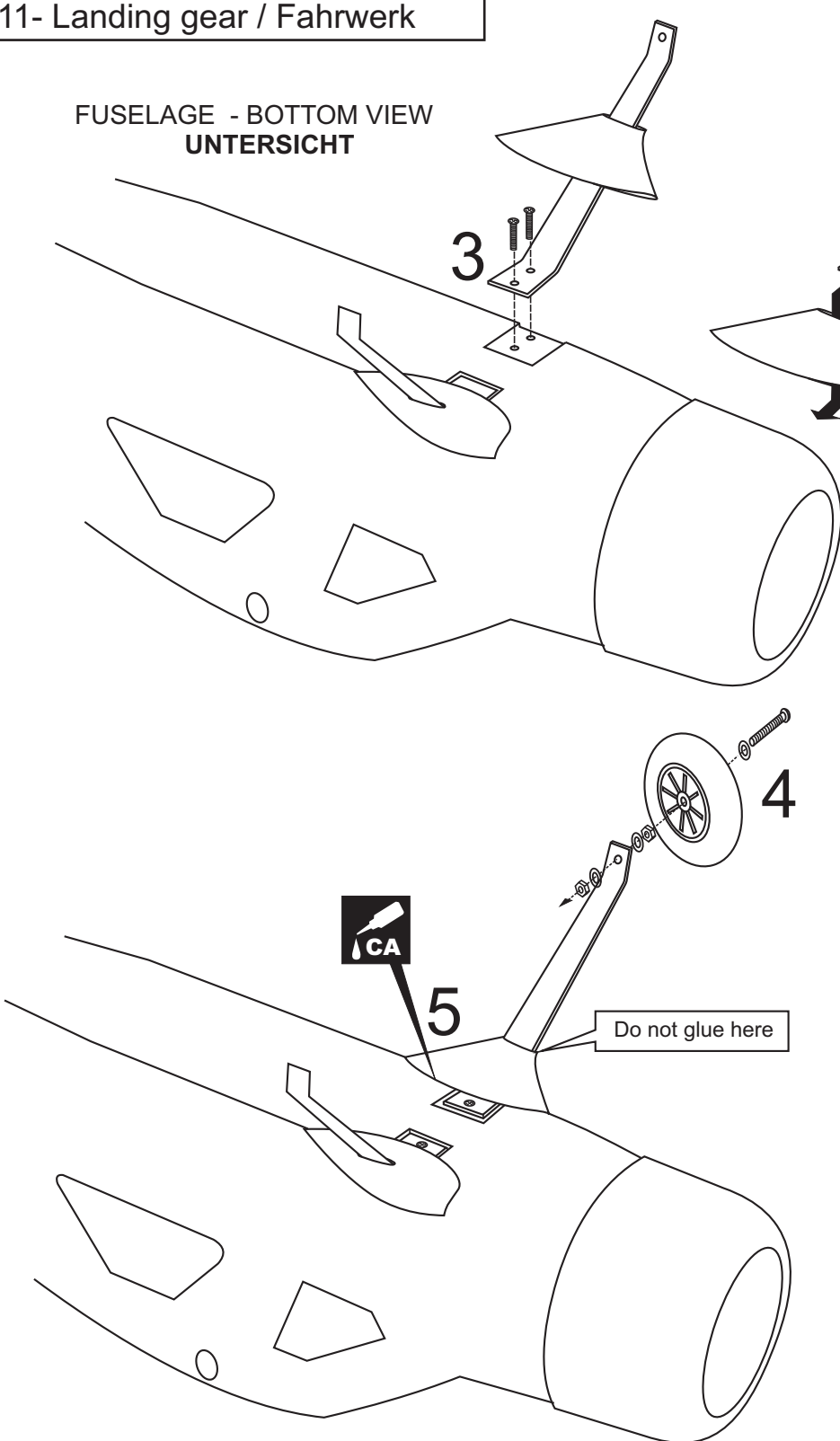


10- Linkage / Ruderanlenkung

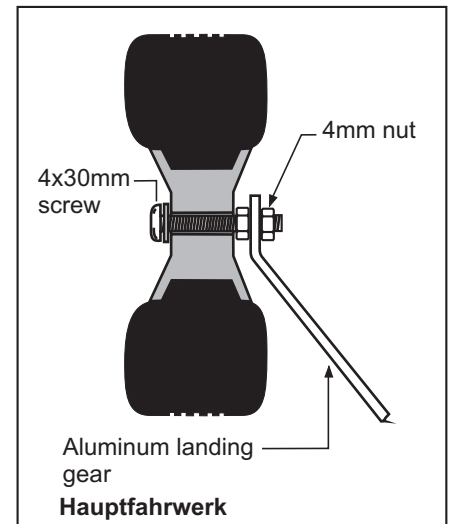


11- Landing gear / Fahrwerk

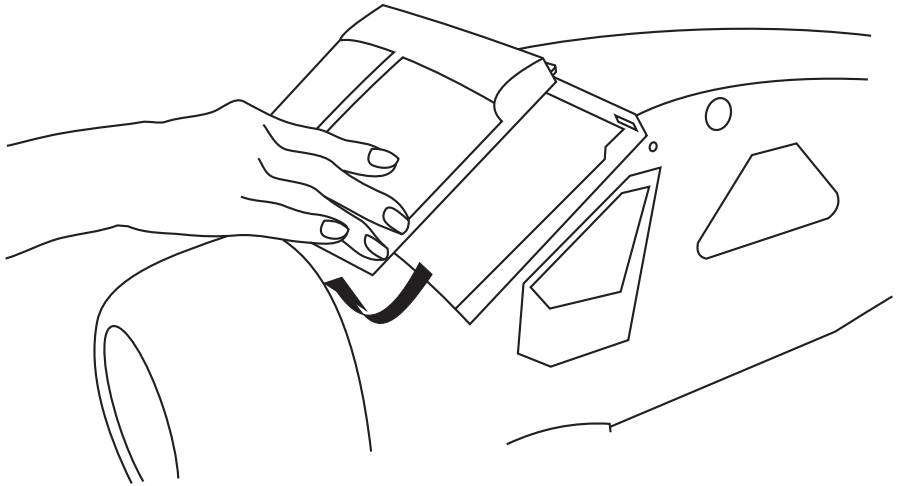
FUSELAGE - BOTTOM VIEW
UNTERSICHT



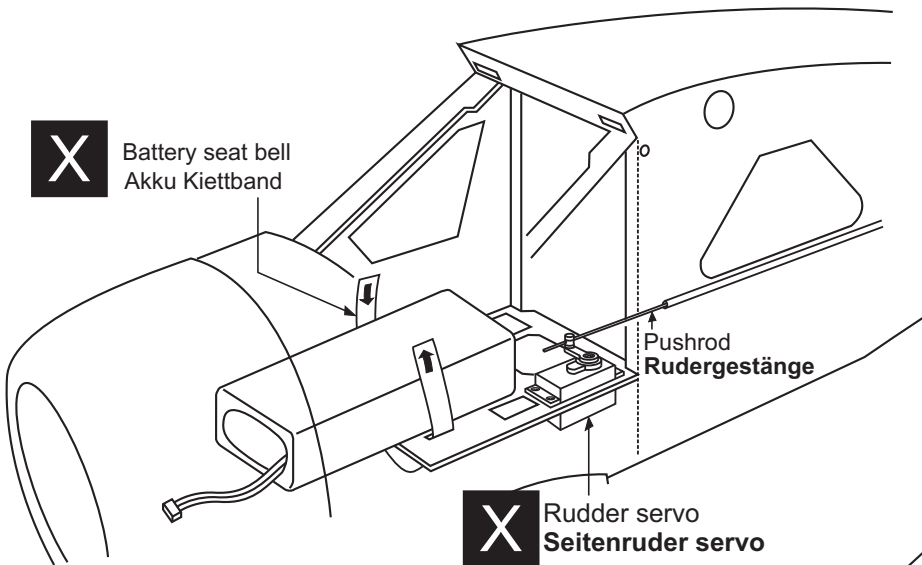
4X20mm screw2
4mm nut4
4mm washer6



12- Battery - fuel tank / Akku - Kraftstofftank

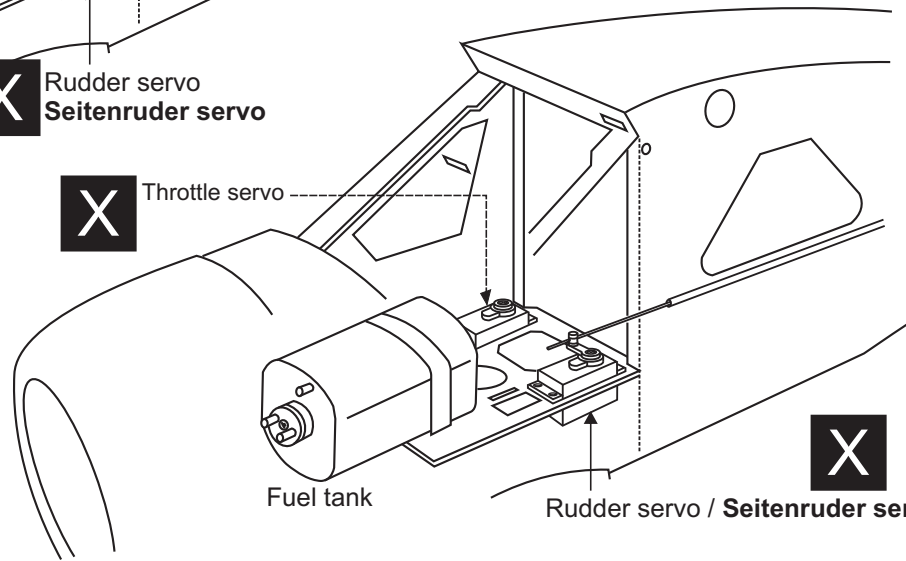


X Battery seat bell
Akku Kiettband



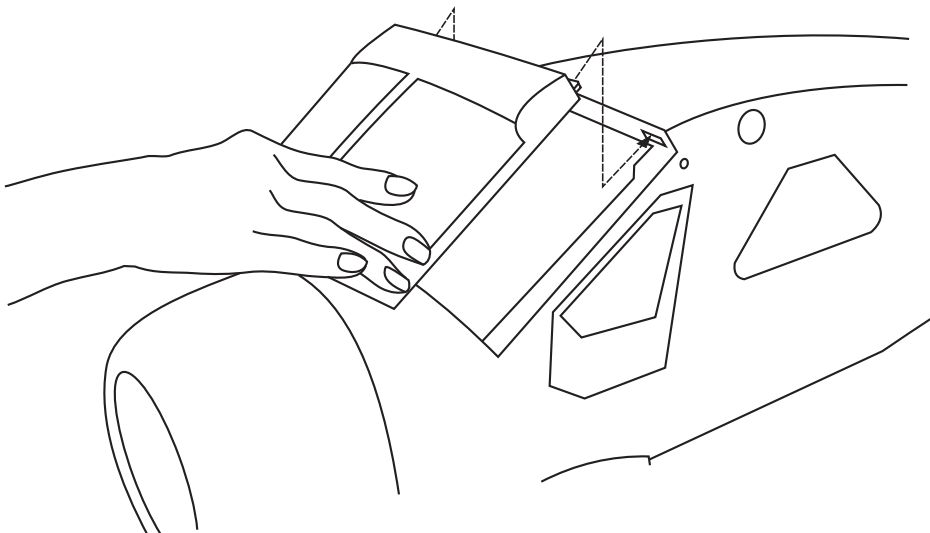
X Rudder servo
Seitenrunder servo

X Throttle servo

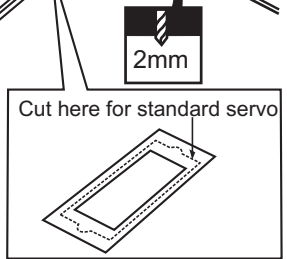
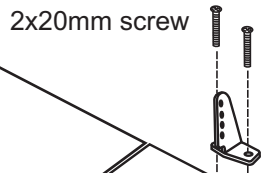
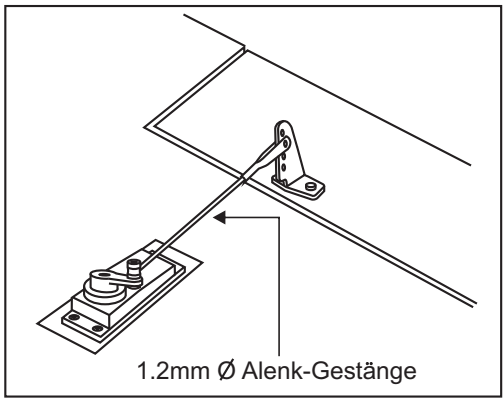
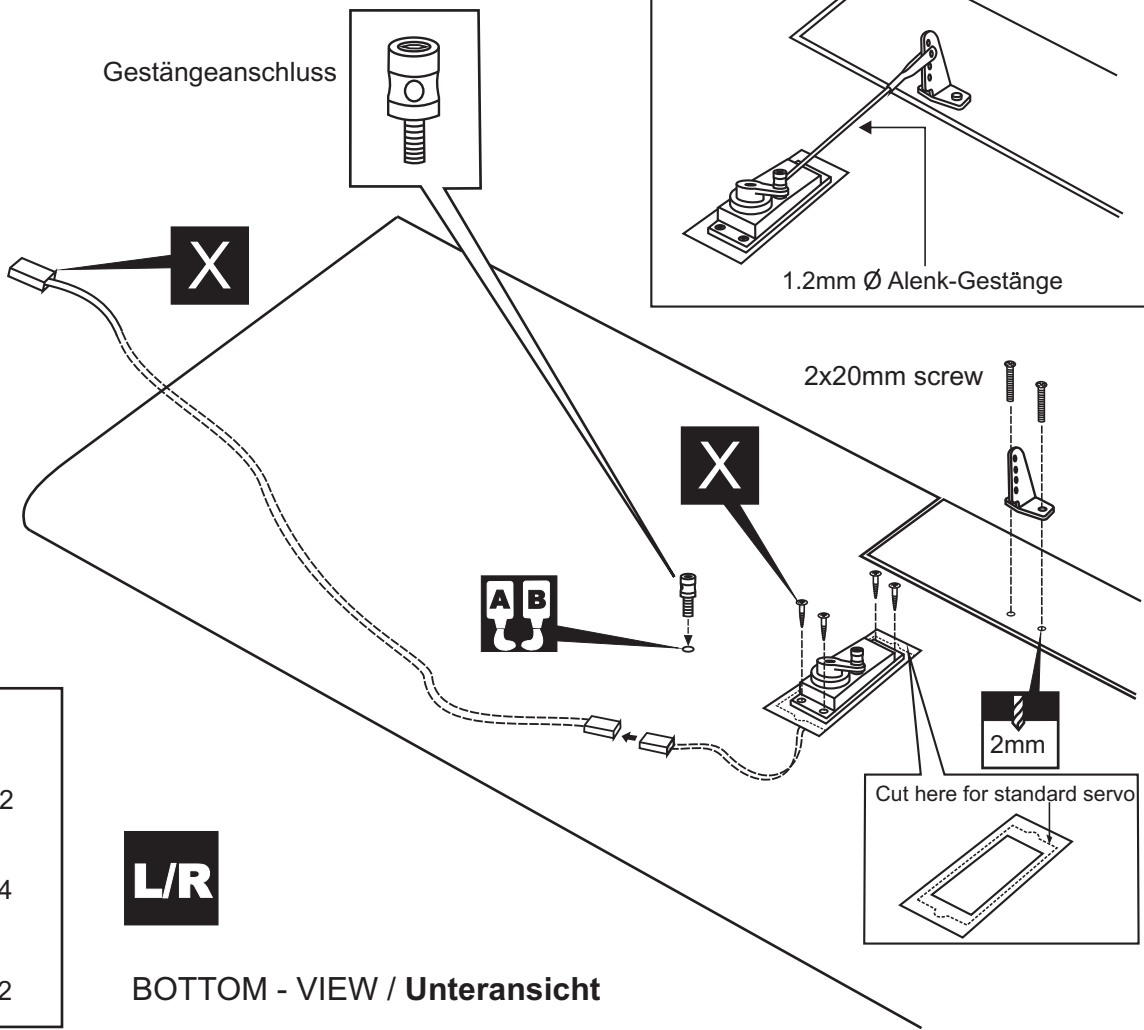





Fuel tank

X Rudder servo / Seitenrunder servo



13- Installing the linkages / Einbau RC-Anlage

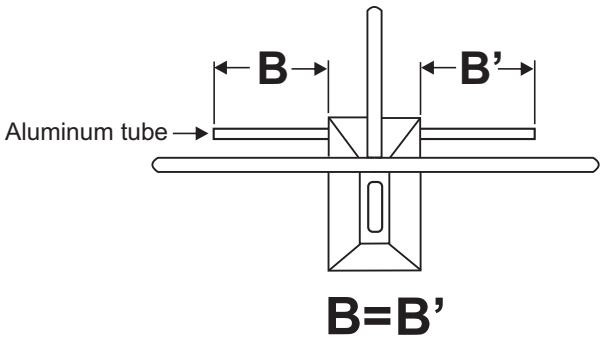
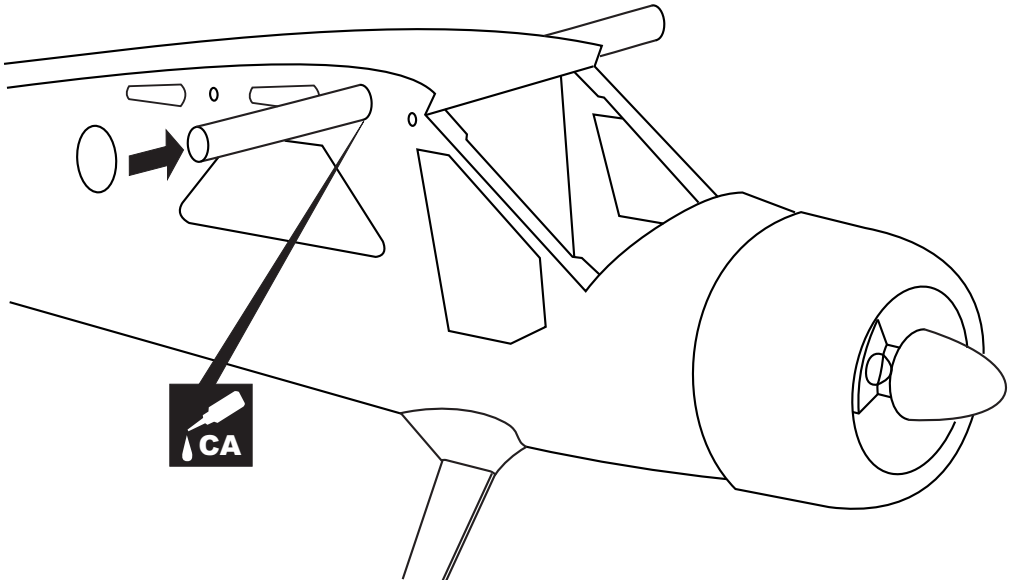


- Plastic control horn
2
- 2x20mm screw
4
- Linkage Stopper set
2

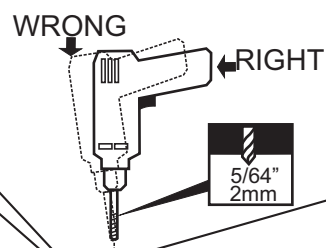
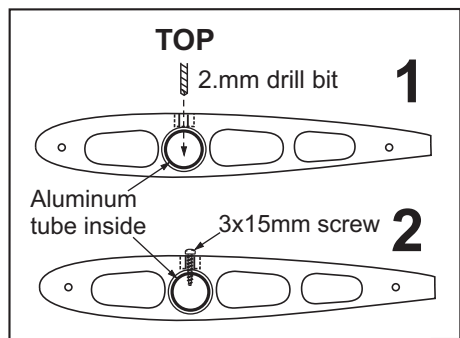
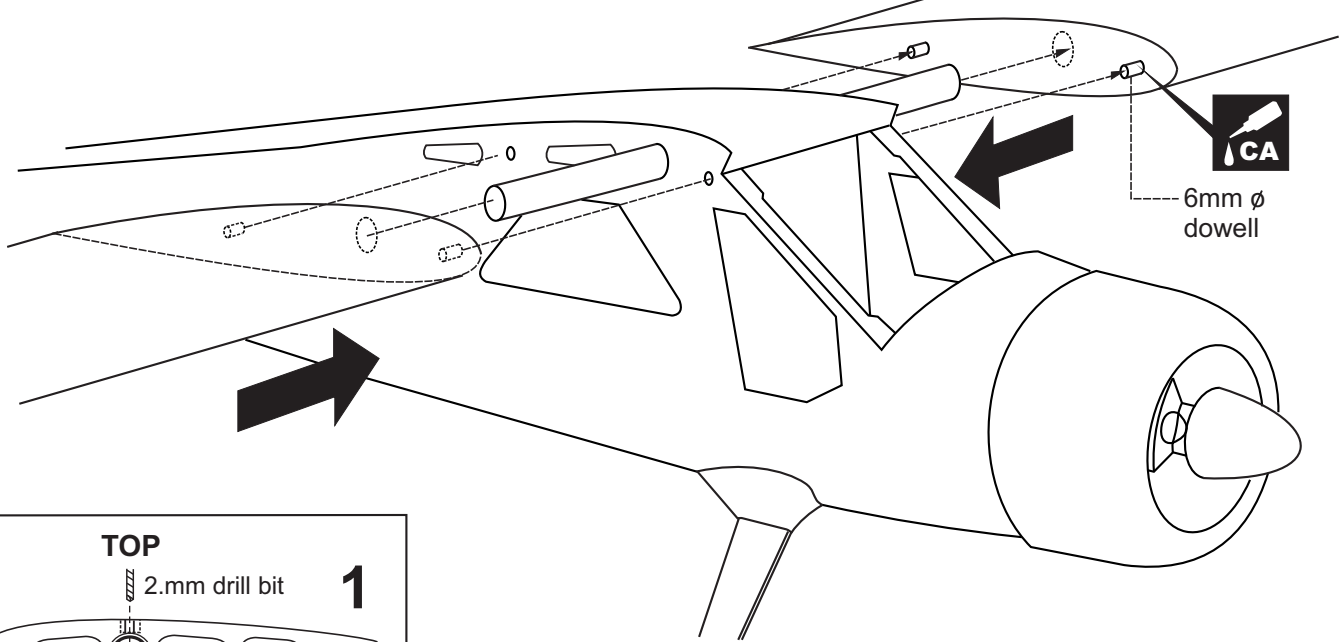
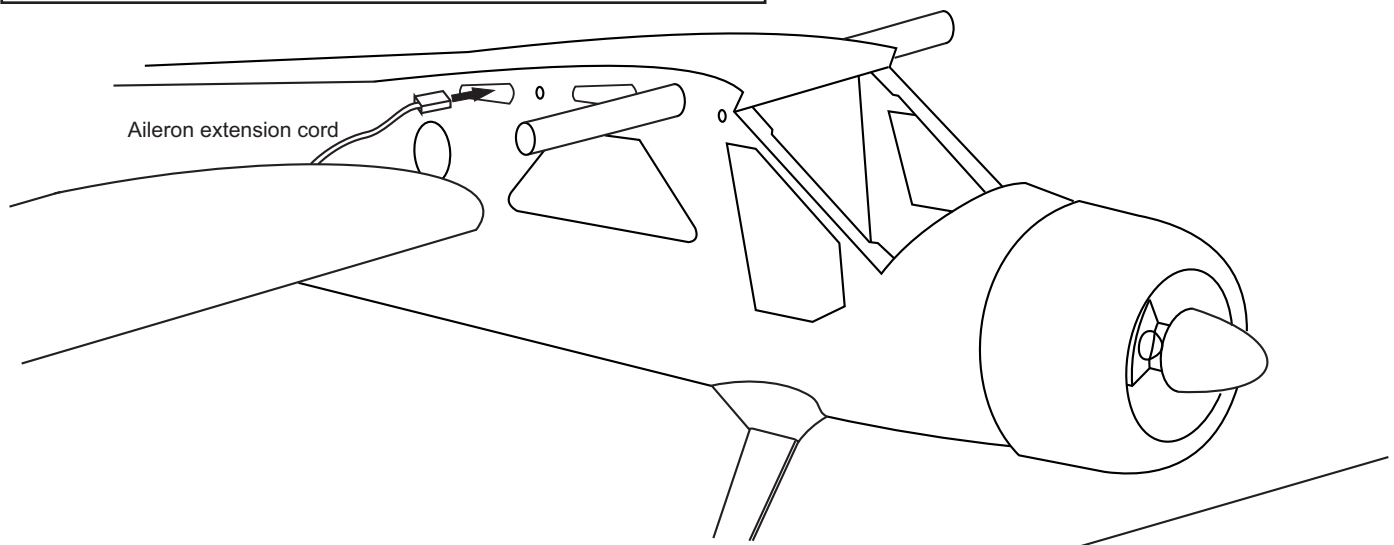
L/R

BOTTOM - VIEW / Unteransicht

14- Wing Joiner / Flächenverbinder

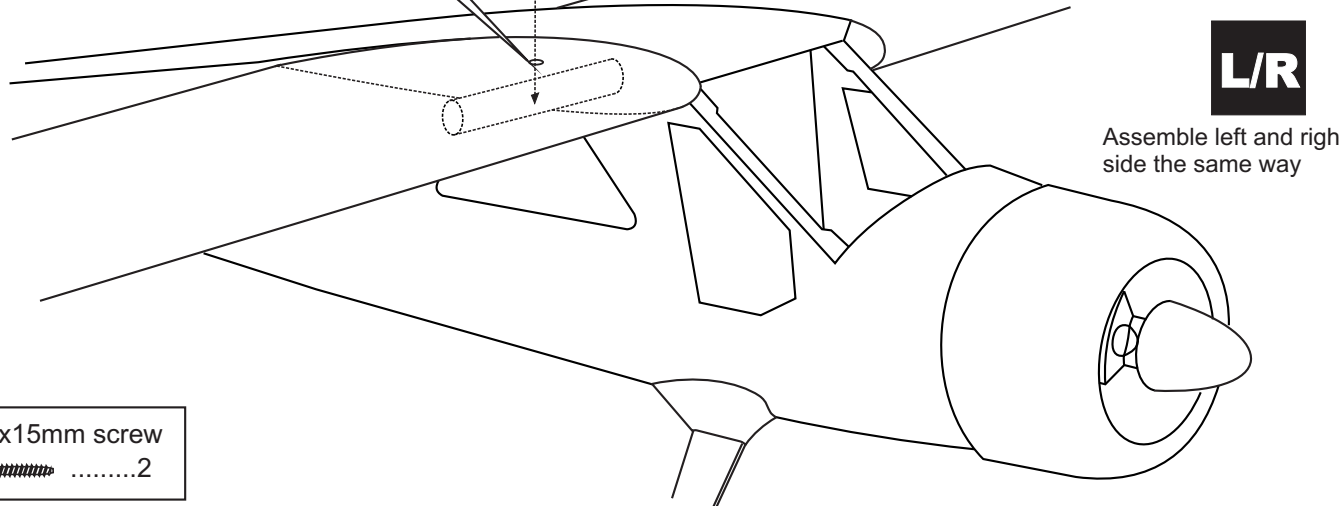


15- Wing Joiner / Flächenverbinder



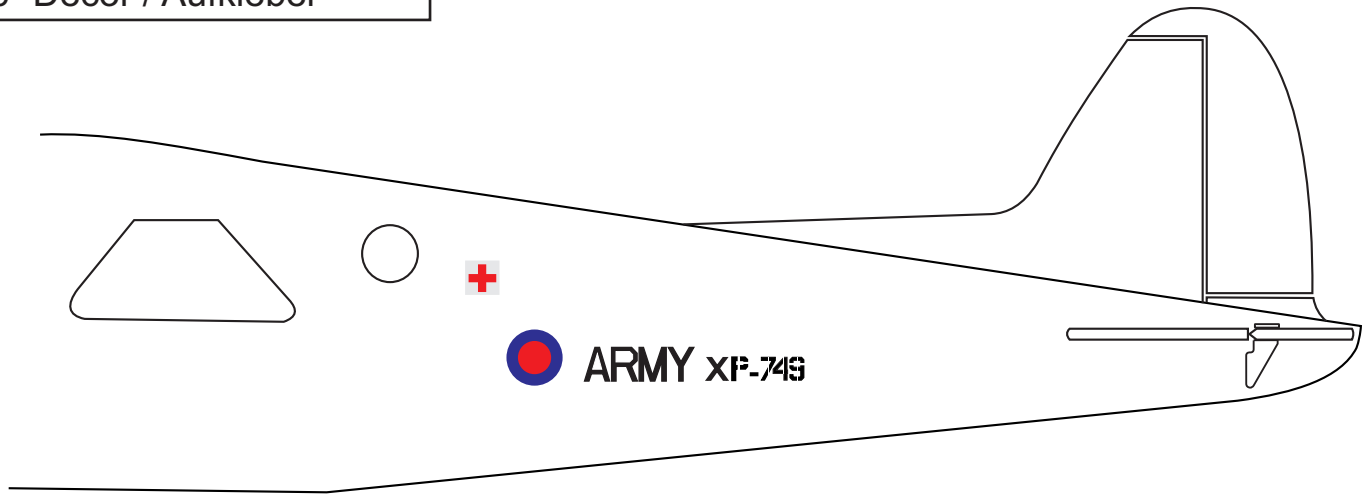
Secure the wing in place using 3x15mm screw.

Note: all holes (2 holes) on the surface of the top of the wing are pre-drilled at factory.



3x15mm screw
2

16- Decor / Aufkleber



Note: Cut out the stickers and apply them in the proper area. Do not peel the backing paper off all at once.

Peel off one corner of the backing and cut off with scissors.

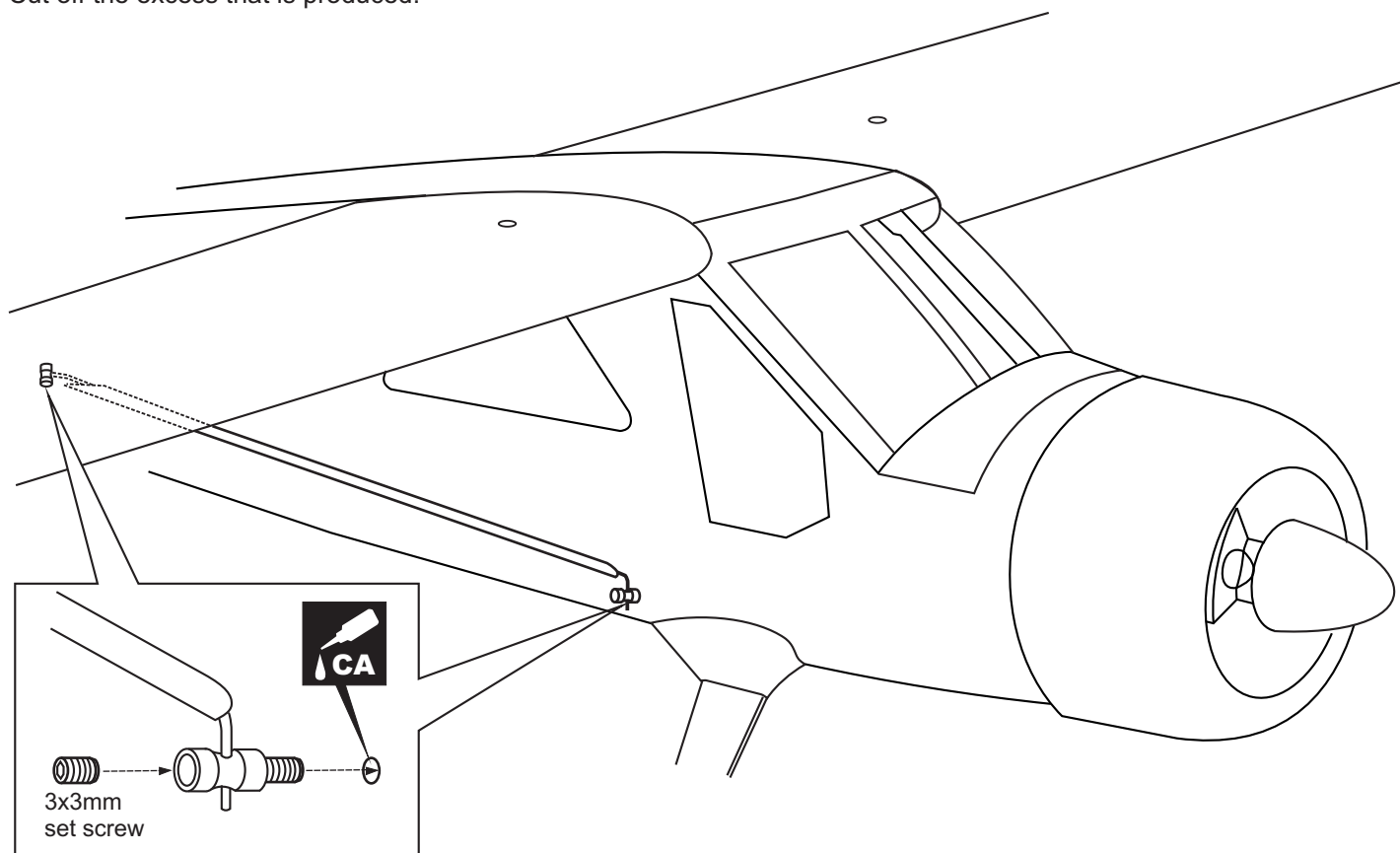
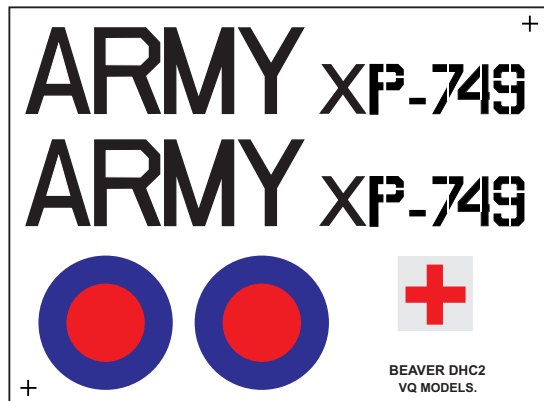
Arrange sticker on model and when satisfied adhere the corner without backing.

Carefully peel back the rest of the backing while at the same time adhering the rest of the sticker.

Try not to make air bubbles, if there are some, carefully puncture sticker (center of bubble) but not model surface with the tip of the knife or sharp pin and squeeze out the air.

At curves stretch sticker and apply a little heat so that no creases occur.

Cut off the excess that is produced.



Note: All holes on the bottom of the wing and holes on the side of the fuselage are pre-drilled at factory.

Linkage Stopper set	
4

