

Instruction manual / Montageanleitung

SPECIFICATIONS

Wingspan: 2020mm (79.5in)
Length: 1590mm (62.6 in)
Electric Motor: See next pager
Gas Engine: 4T 40cc / 2T 40cc
RTF Weight: 7.8-8.1Kg / 17.2-17.8lbs
Radio: 8-9 Channel / 8-9 Servos
Function: Ailerons-Elevator-Rudder-Throttle
Flaps-Optional Retractable Landing Gear.

TECHNISCHE DATEN

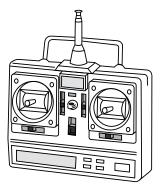
Spannweite:	2020mm
Länge:	1590mm
Elektroantrieb	(siehe nächste Seite)
Verbrennerantrieb:	40cc
Fluggewicht:	7.8-8.1Kg
Fernsteuerung8-9	9 Kanal / 8-9 Servos

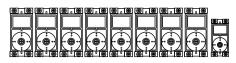


WARNING! This radio controlled model is NOT a toy. If modified or flown carelessly it could go out of controll and cause serious human injury or property damage. Before flying your airplane, ensure the air field is spacious enough. Always fly it outdoors in safe areas and seek professional advice if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

REQUIRED FOR OPERATION (Purchase separately)

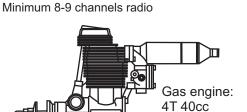


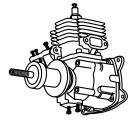


8 standard servos and 1 mini servo (for gas engine). .Motor control x1(for GP) .Elevator x2 .Rudder x1. Aileron x2. Flap x2 .Gear door x1

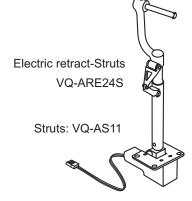
Extension cord for aileron servos: Extension cord for flap servos: Extension cord for retract servos: Extension cord for Rx battery pack: Extension cord for gear door servo:

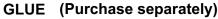
80cm(x2) 50cm(x2) 50cm(x2) 30cm(x1) 30cm(x1)





Gas engine: 2T 40-45cc

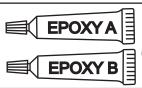






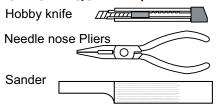


Cyanoacrylate Glue (thin type)



Epoxy Glue (5 minute type)

TOLLS REQUIRED (Purchase separately)



Phillip screw driver Scissors

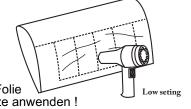
Hex Wrench Wire Cutters

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.

(OS GF-40)

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 béhandeln. 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 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

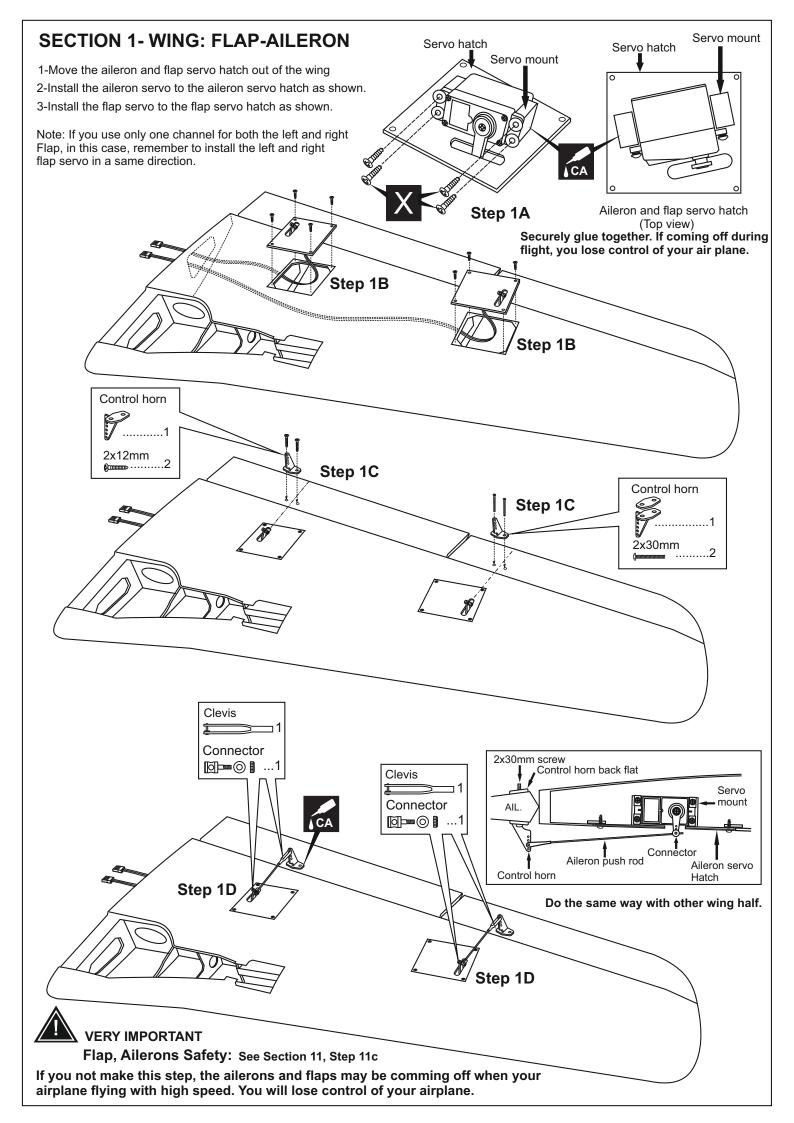


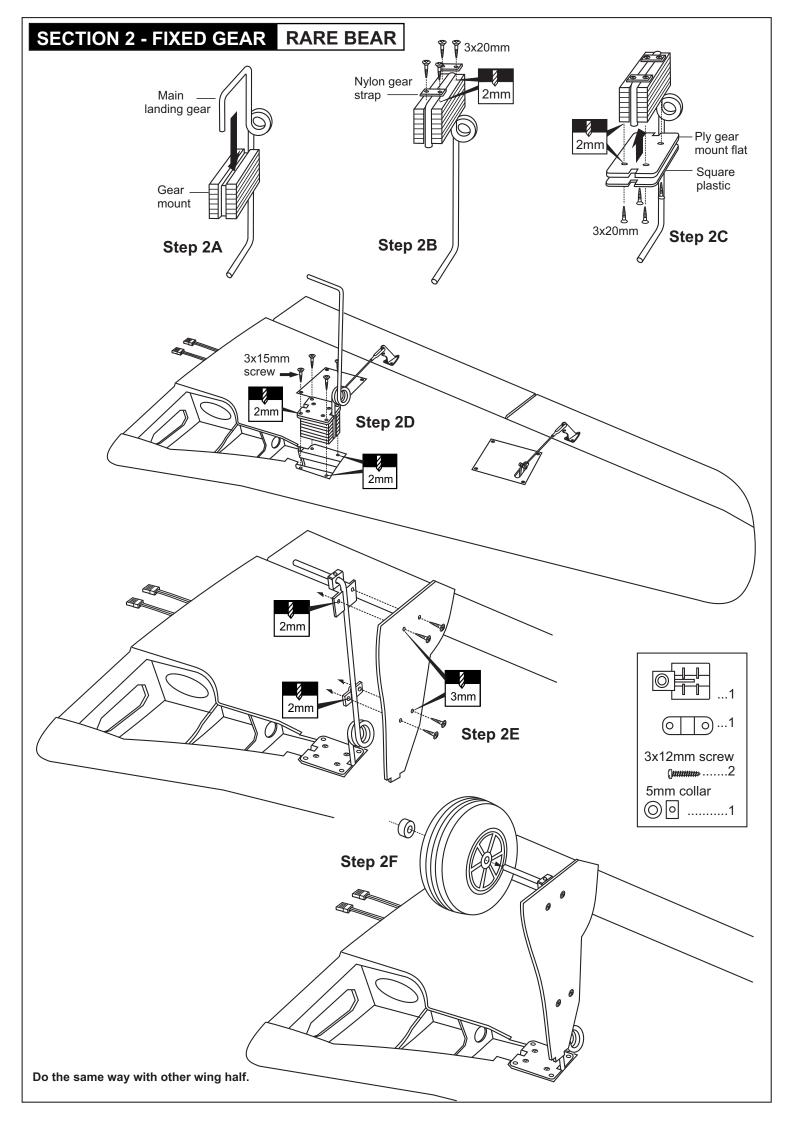
Nicht enthalten. Teile müssen separat gekauft werden.

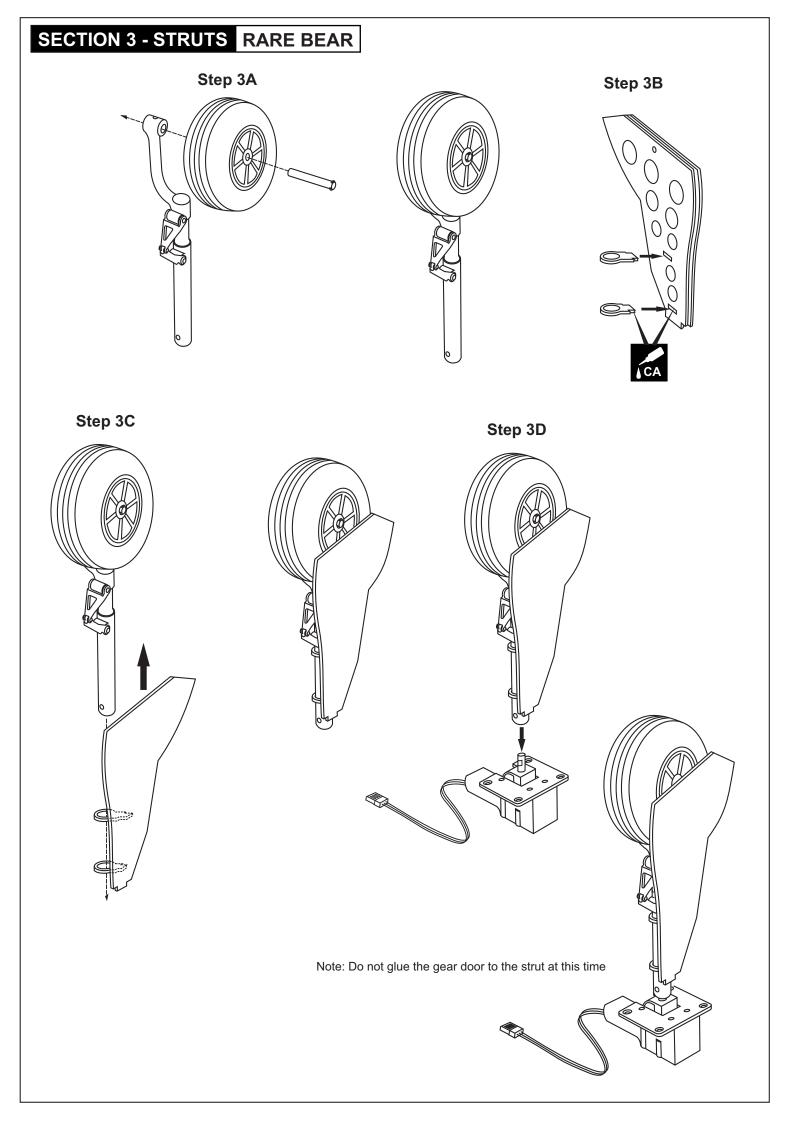
Read through the manual before you begin, so you will have an overall idea of what to do. **CONVERSION TABLE**

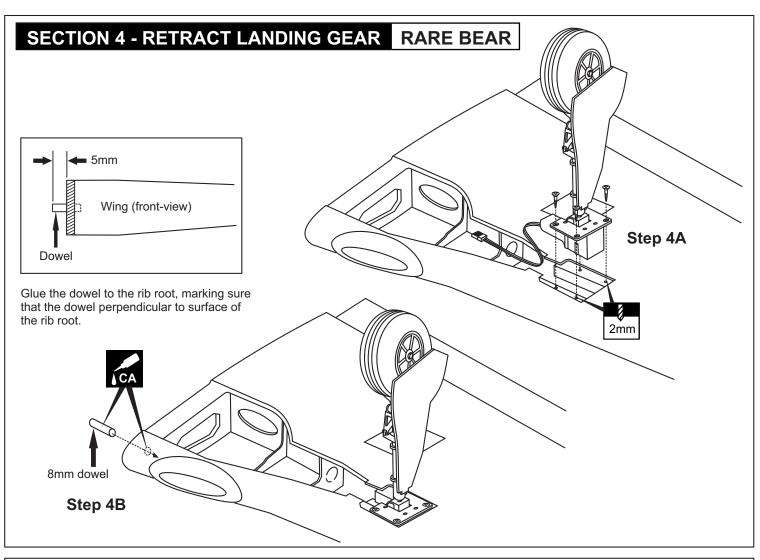
3.0mm = 1/8" 10mm = 13/32" 25mm = 1"1.0mm = 3/64" 4.0mm = 5/32" 12mm = 15/32" 30mm = 1-3/16" 1.5mm = 1/16" 15mm = 19/32" 2.0mm = 5/64" 5.0mm = 13/64" 45mm = 1-51/64"

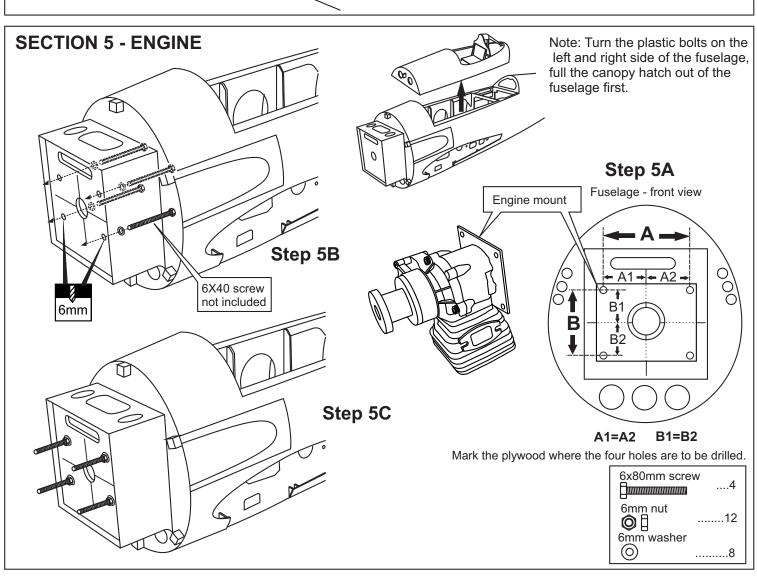
20mm = 51/64" 6.0mm = 15/64" 2.5mm = 3/32"



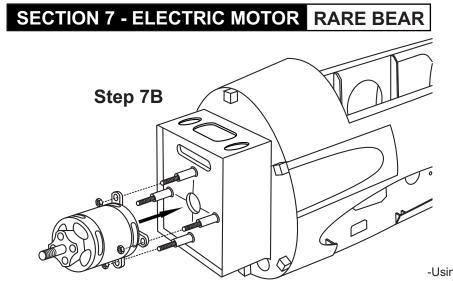


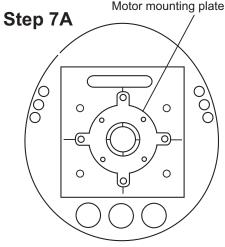






SECTION 6 - ENGINE continued RARE BEAR Please Note: This plane was design to use for 40cc gasoline-2 stroke engine or 40cc-4 stroke engine. Incase you want to use bigger engine, please reinforce the firewall and other connection by Epoxy If you attach too large engine, this can destroy the structure of your model and cause an accident. Step 6A E1=E2=E3=E4 (The long of the aluminum tubes are the same and depend of your engine) Note: The aluminum tubes for the engine installation not include. Step 6B Step 6C Note: secure the 6mm nuts in place using silicon sealer. **FUEL TANK ASSEMBLY** Adjuting the distance from the fire-wall to the hub of Filler tube engine is 145mm. Rubber stopper Air tube Stopper To engine Cap

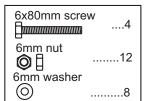




Fuselage - front view

- -Using a aluminum motor mounting plate as a template, mark the plywood motor mounting plate where the four holes are to be drilled.
- -Remove the aluminum motor mounting plate and drill a 7/32"(5mm) hole through the plywood at each of the four marks marked .

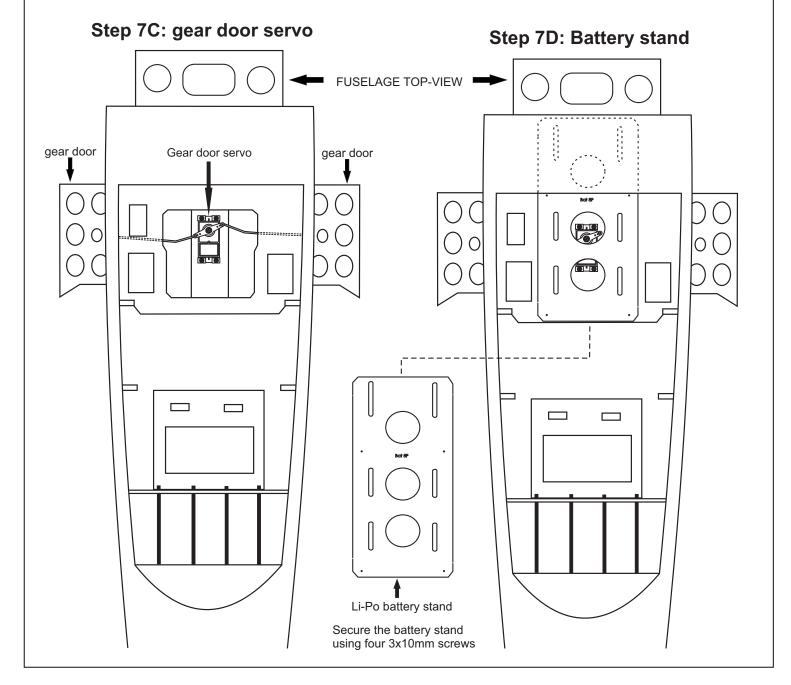
Note: The aluminum motor mounting included with electric motor set.

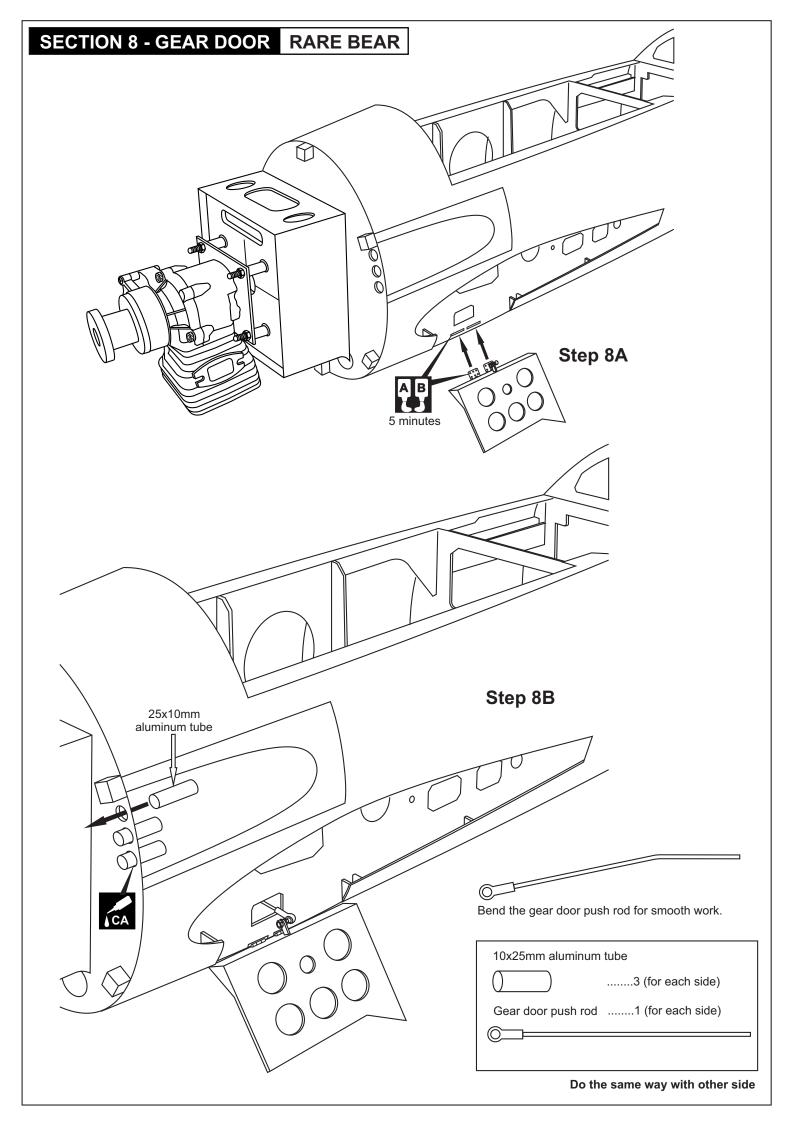


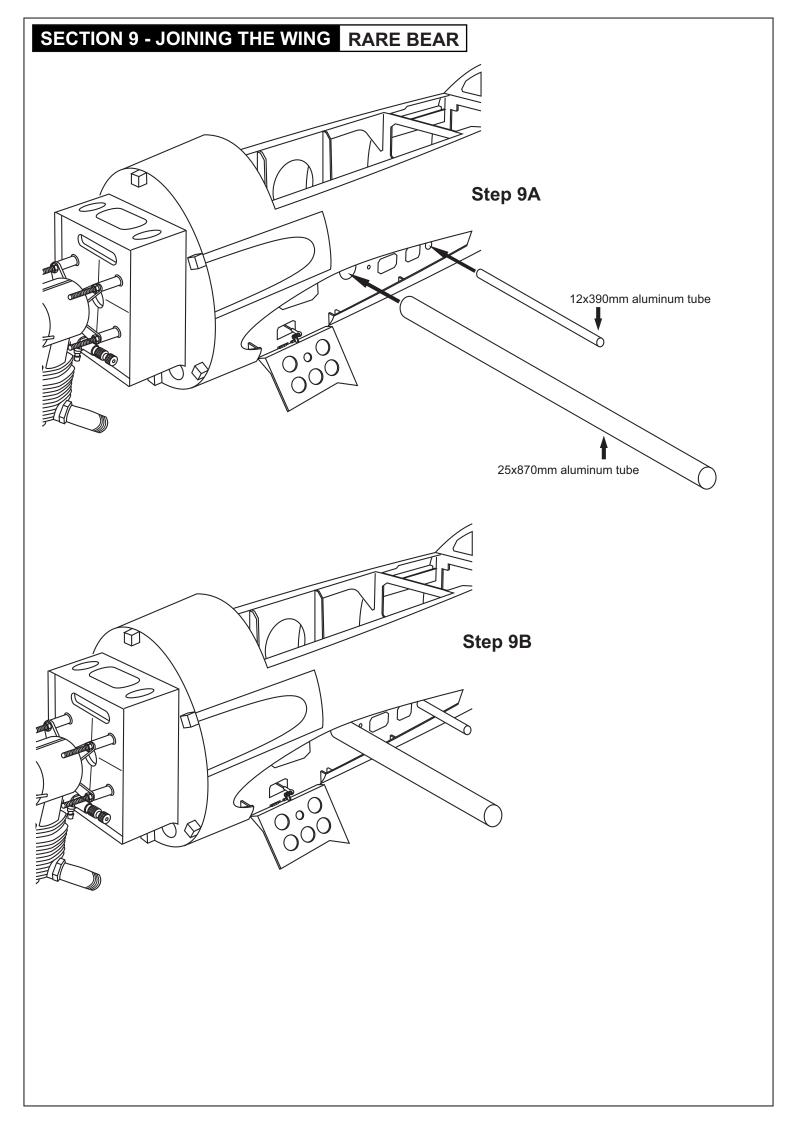
Adjuting the distance from the fire-wall to the hub of motor is **145mm**.

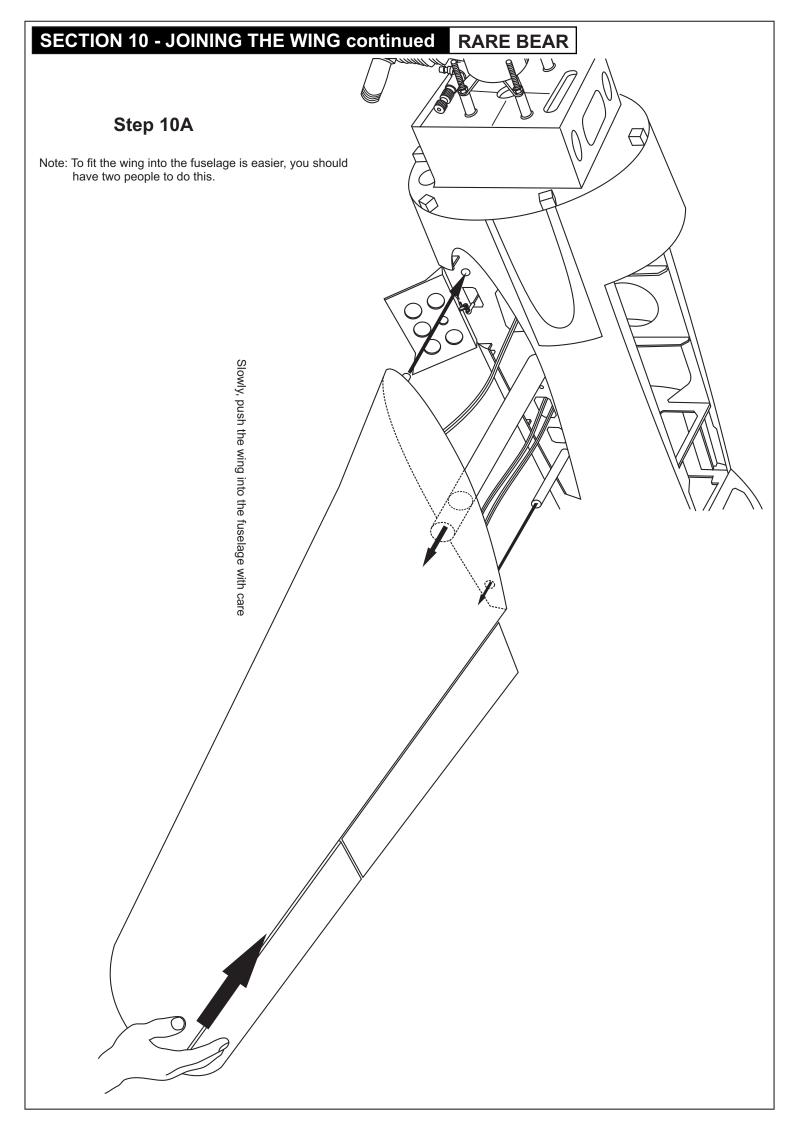
The long of the aluminum tubes are same and depend of your motor.

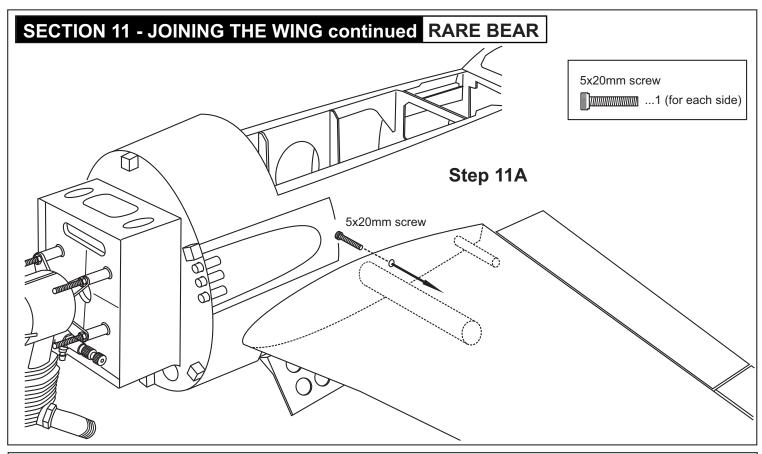
Note: The aluminum tubes for the motor installation not include.

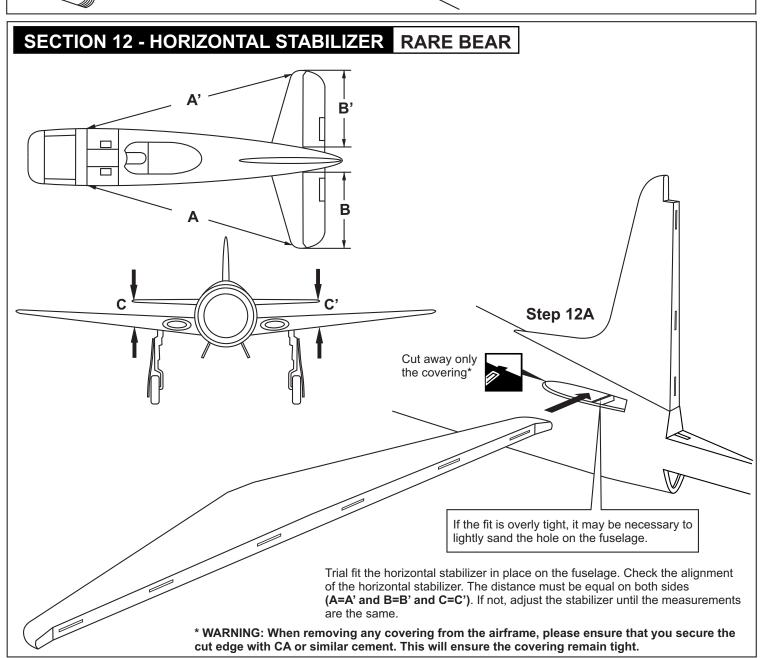


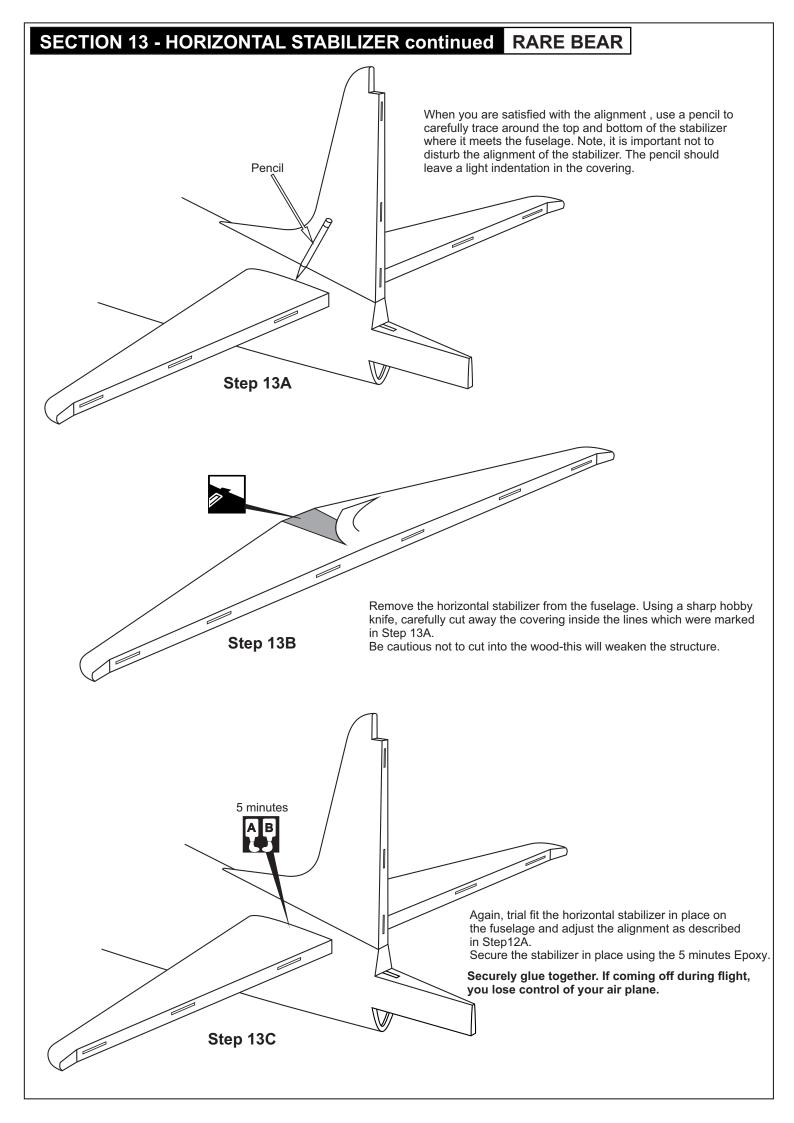


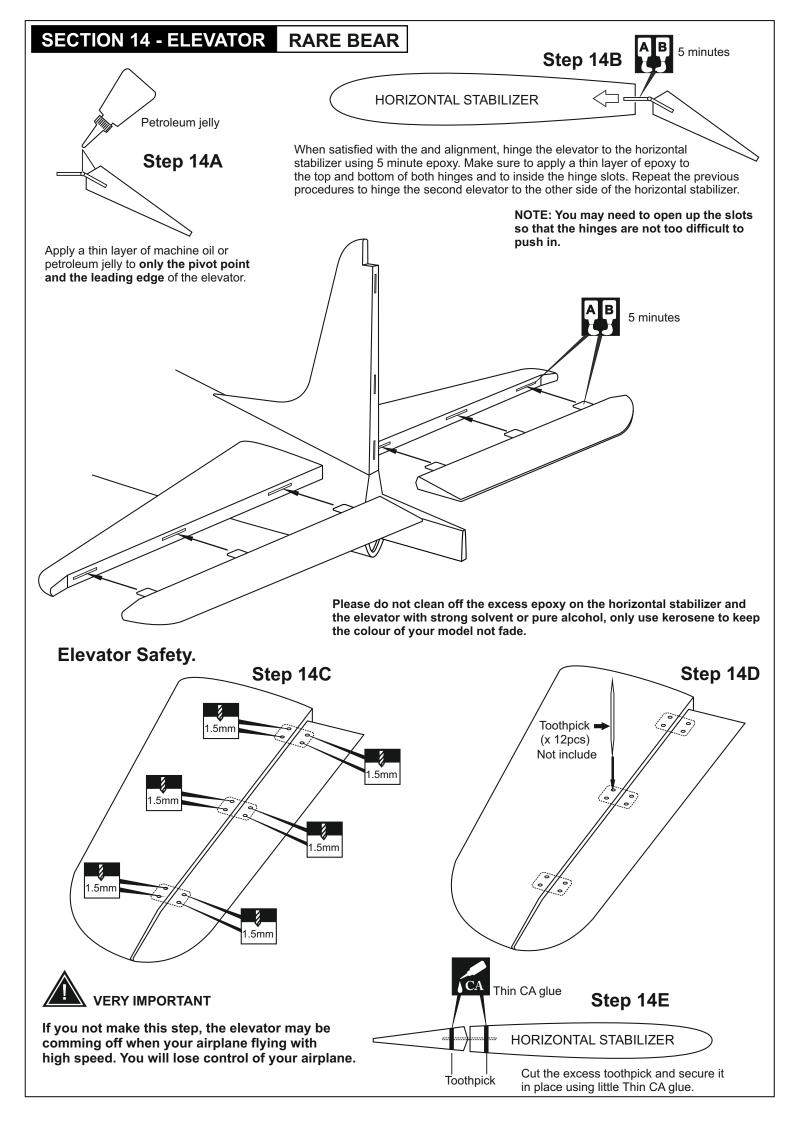


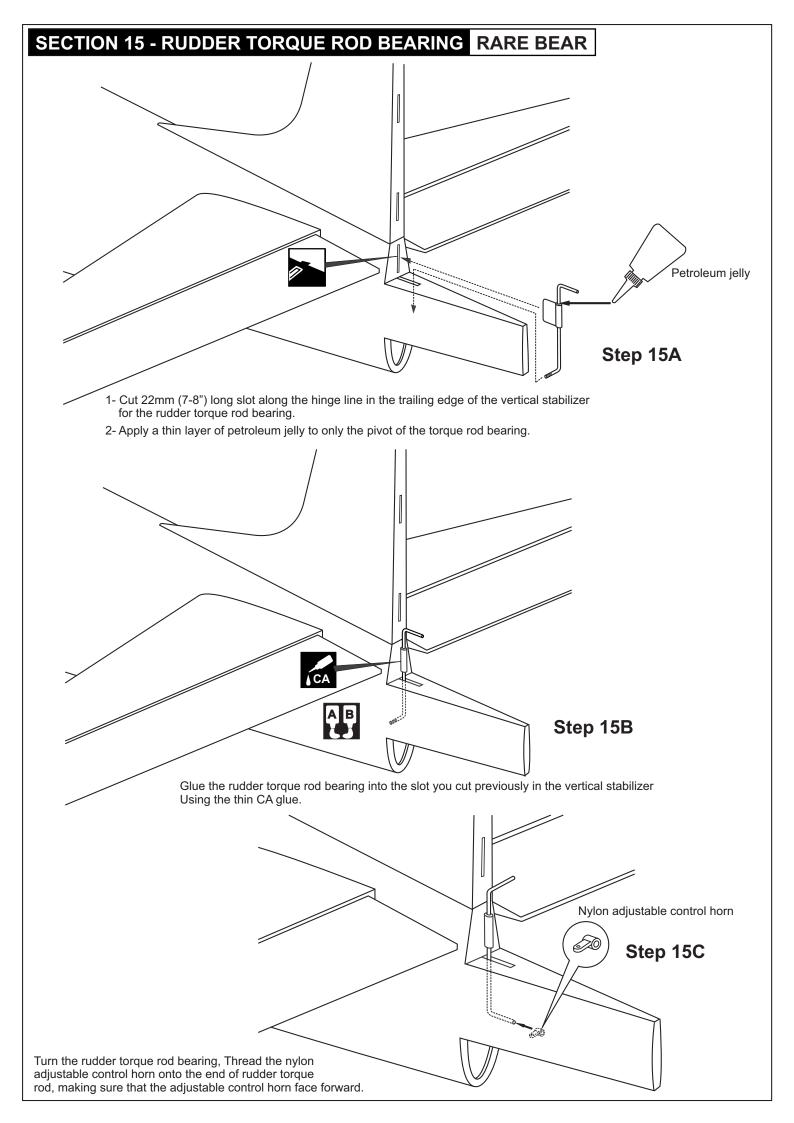


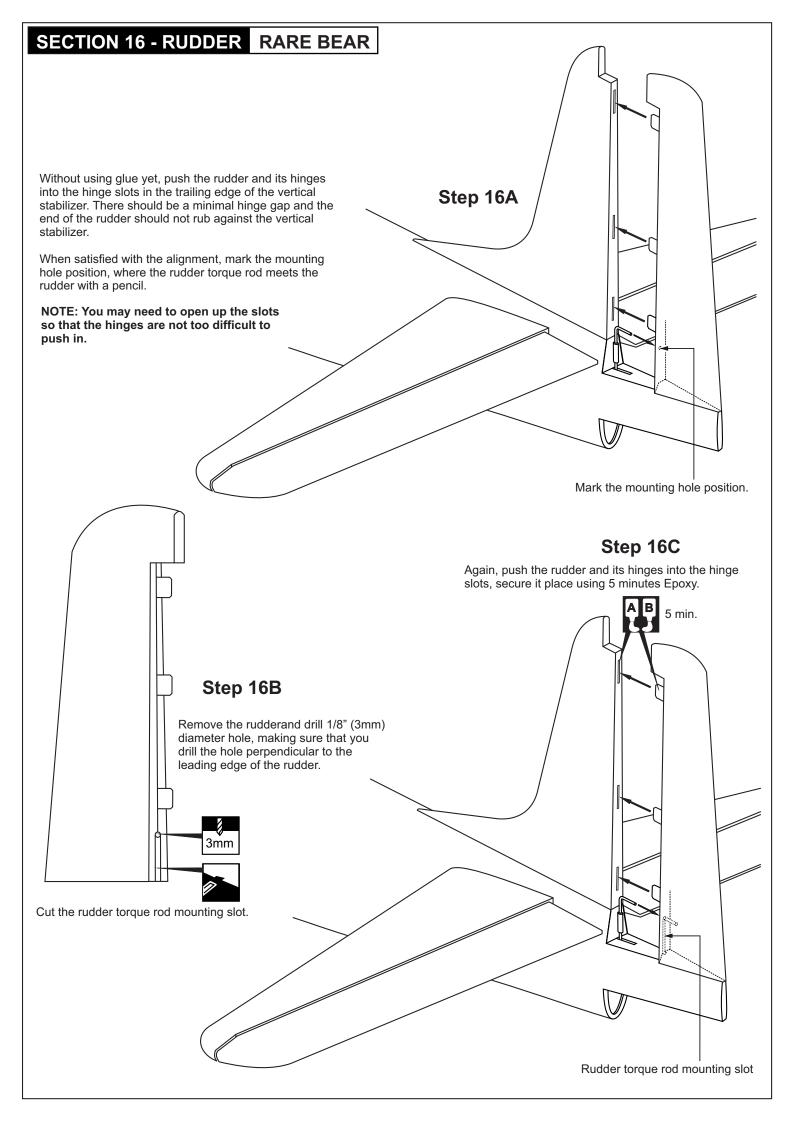


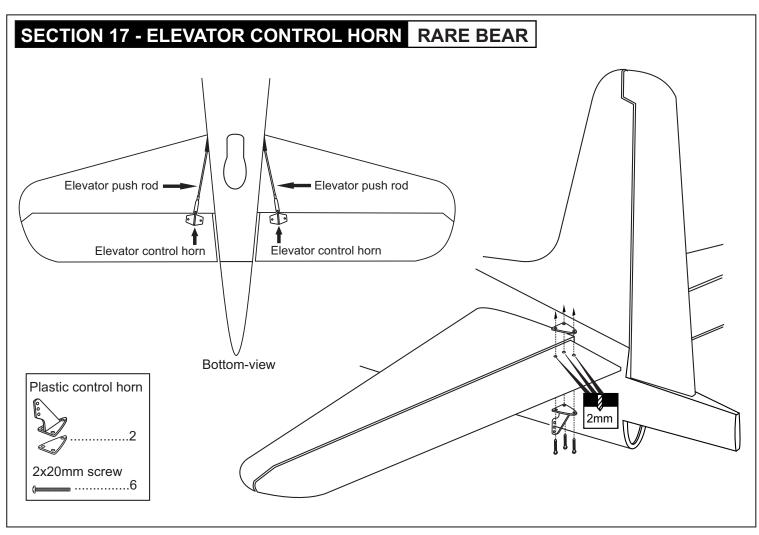


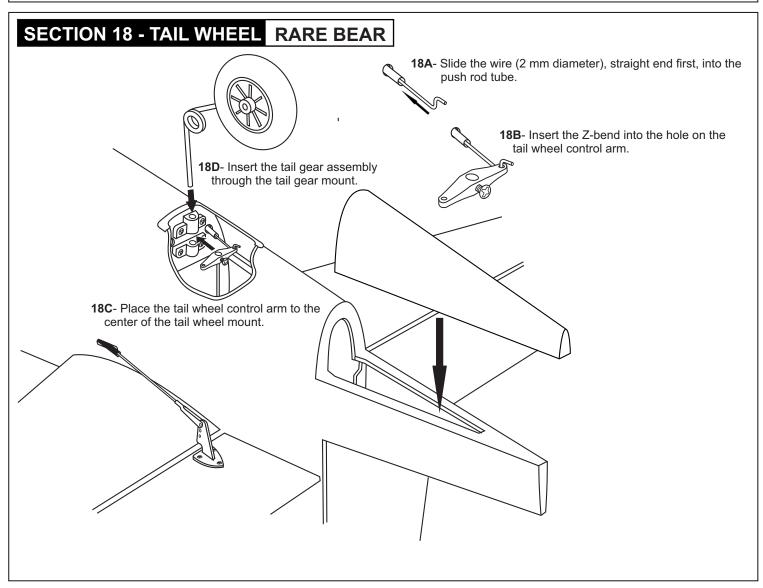


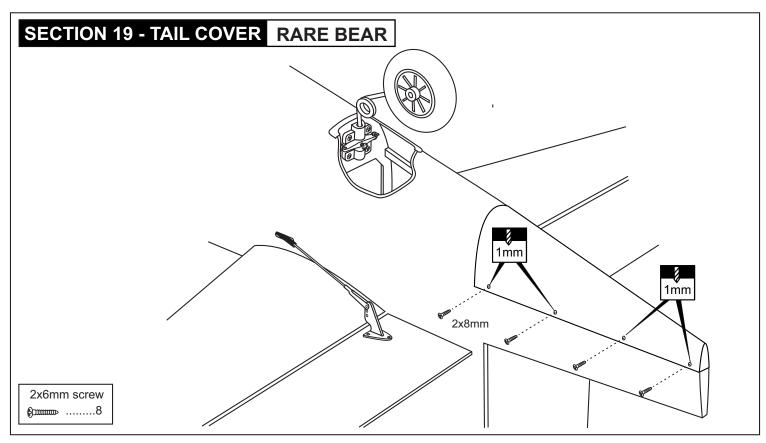


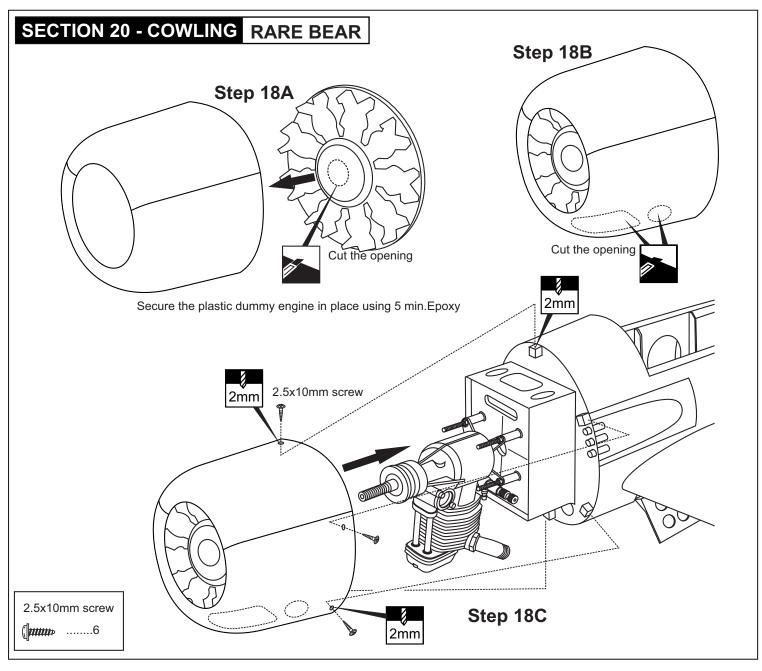


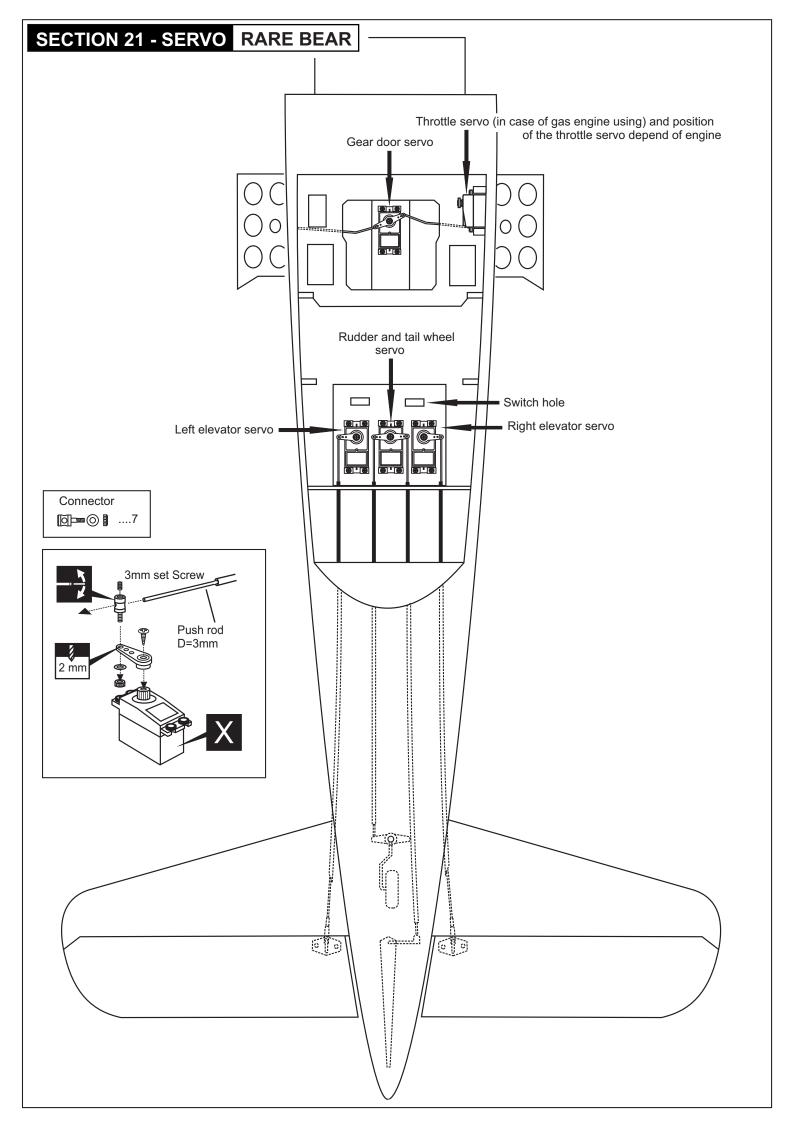




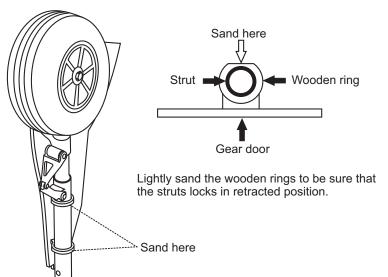






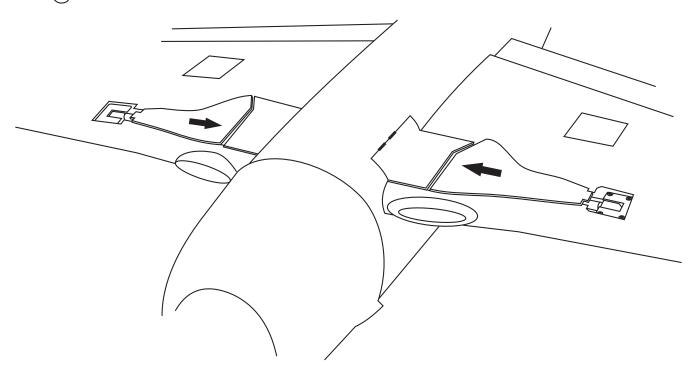


SECTION 22 - STRUTS RARE BEAR



Important: When you "on" the retract swicth, if the retract gear does not retracted completely, you immediately "off" the retract switch. If the retract gear does not extend, use your finger to push the retract gear to the completely retrated position, it will extend.

Then use the hobby knife to remove the place where the retract gear is entangled.



With the retract in the retracted position, carefully move the gear door on the strut until the gear door nearest with the gear door on the fuselage, mark on the struts.

