

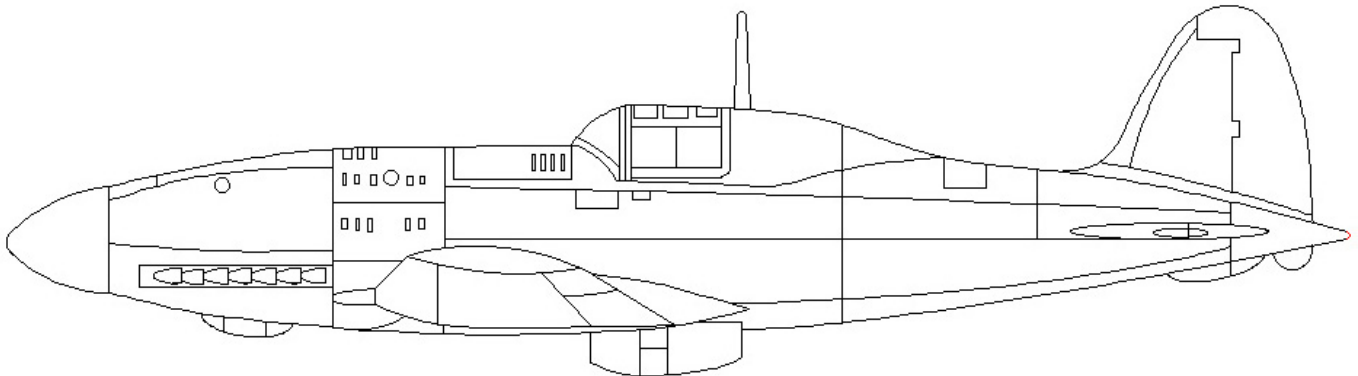


RADIO CONTROL MODEL

Semi Scale – Almost ready to fly

MACCHI

M.C.205



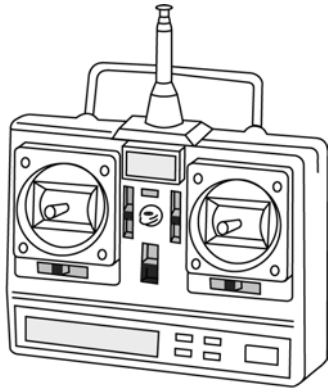
ASSEMBLY INSTRUCTION

.40 - .46 CLASS – 2 CYCLE ENGINE

.60 - .70 CLASS – 4 CYCLE ENGINE

WARNING: This radio control model is not a toy. If modify or flown carelessly, it could go out of control and cause serious bodily injury or property damage, It is your responsibility to build this kit correctly, to properly install all components and to seek the help of an experienced R/C pilot for a pre-flight safety inspection and flight test.

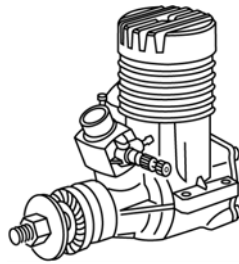
REQUIRED FOR OPERATION (Purchase separately)



Minimum of 4 channel airplane radio (with 4 standard servos). A 5 channel radio is req. for retracts. (5 standard servo)

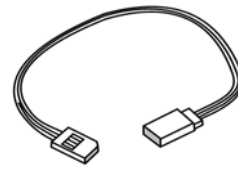


For 40 ~ 46 (2 cycle engine)
10.5x6 ~ 11x6

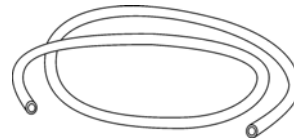


40 ~ 46 2 cycle
60 ~ 70 4 cycle

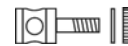
For 60 ~ 70 (4 cycle engine)
12x6 ~ 13x7



Extension for aileron servo



Silicon tube



Linkage Stopper

GLUE (Purchase separately)



Cyanoacrylate Glue



Silicon Glue




Epoxy Glue (30 minutes type)

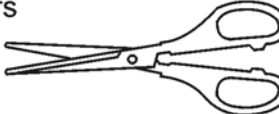
TOLLS REQUIRED (Purchase separately)

Hobby knife 


Needle nose Pliers 

Sander 

Phillip screw driver 

Scissors 

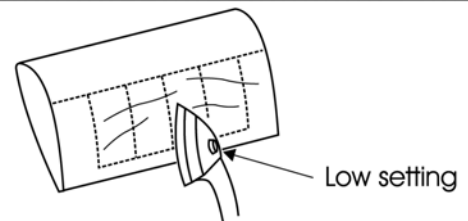
Hex Wrench 

Awl 

Wire Cutters 

The pre-covered film on ARF kit may wrinkle due to variations of temperature. Smooth out as explained right.

* Use an iron or head gun. Start as low setting. Increase the setting if necessary. If it is too high, you may damage the film



Drill holes with the specified diameter (here: 1.5mm).



Pay close attention here.



Cut of shaded portion



Ensure smooth non-binding movement while assembling



Apply epoxy glue



Apply instant glue (CA glue, super glue).




Assemble left and right sides the same way.



Must be purchased separately.

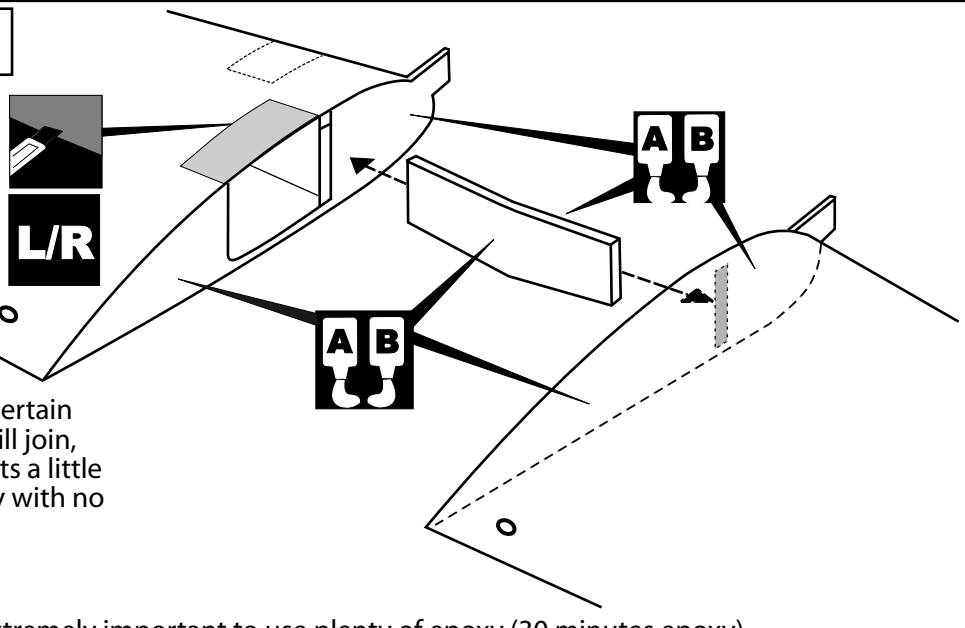
1- Joining the wing

Use epoxy glue to bury the opening



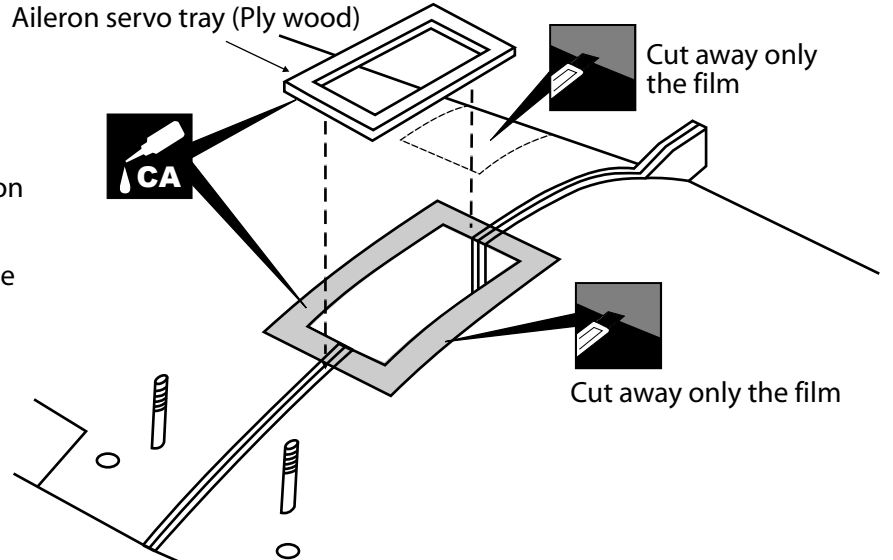
! Make sure to glue securely. If not properly glued, a failure in flight may occur.

- 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.
- Check for the correct dihedral angle
- When joining the wing halves it is extremely important to use plenty of epoxy (30 minutes epoxy).
- Carefully slide the wing halves together, ensuring that they are accurately aligned, Firmly press the two halves together, allowing the excess epoxy run out. Using rubbing alcohol and paper towel, clean off the excess epoxy.

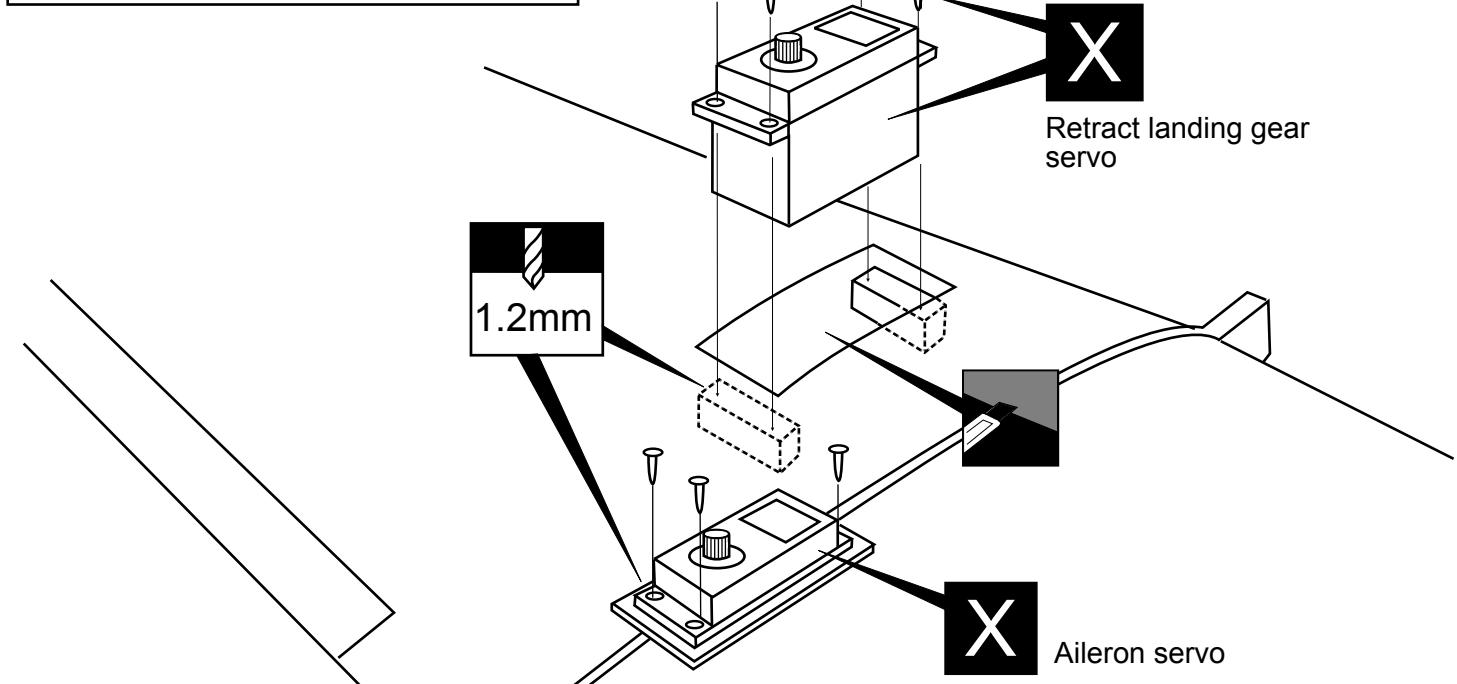


2- Aileron servo tray

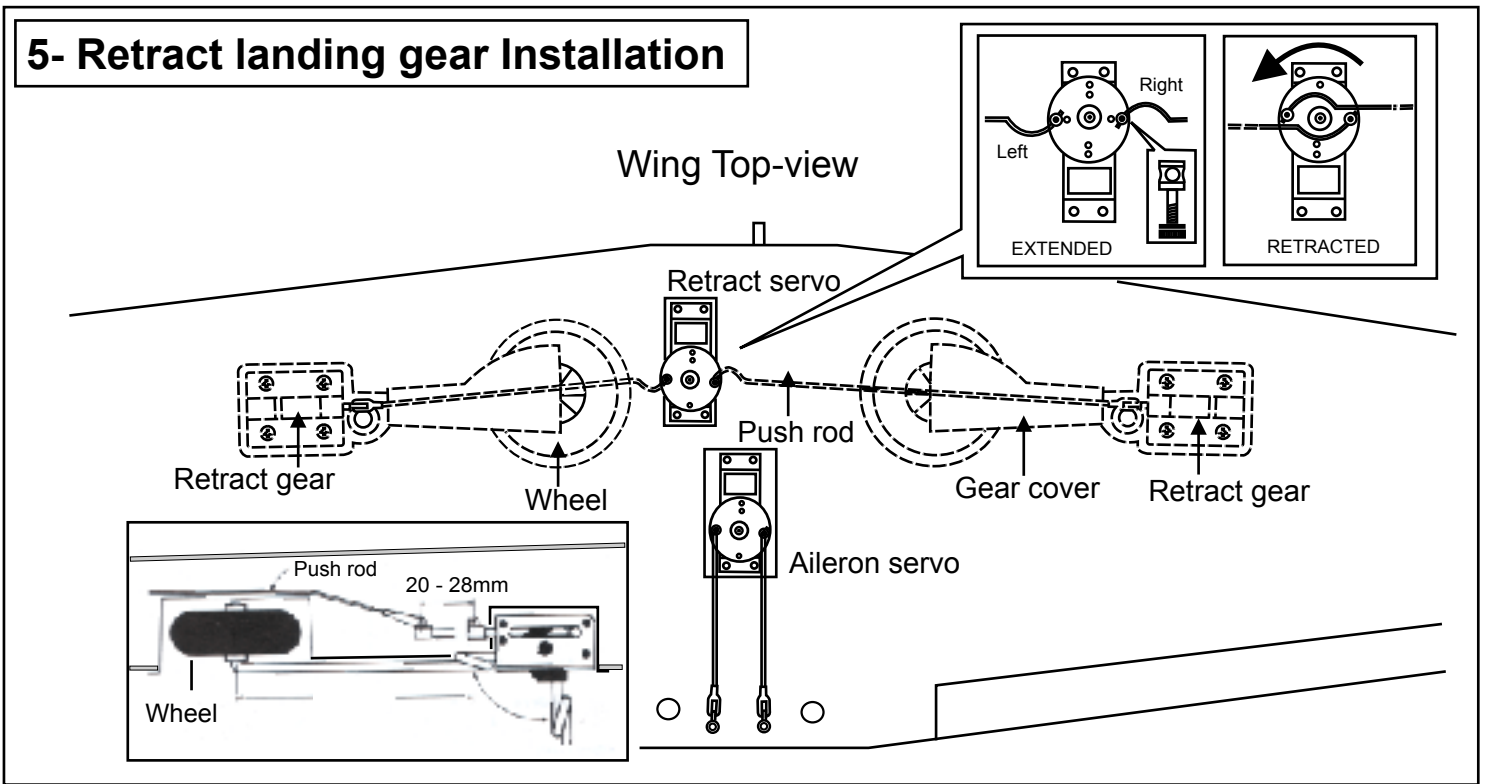
- Using the aileron servo tray as a template, trace around the outside edge of the aileron servo tray and then remove it.
- Using a sharp hobby knife, cut away the covering inside the lines. Not to cut into the wood.
- Apply the aileron servo tray in place and secure the servo tray with CA glue.



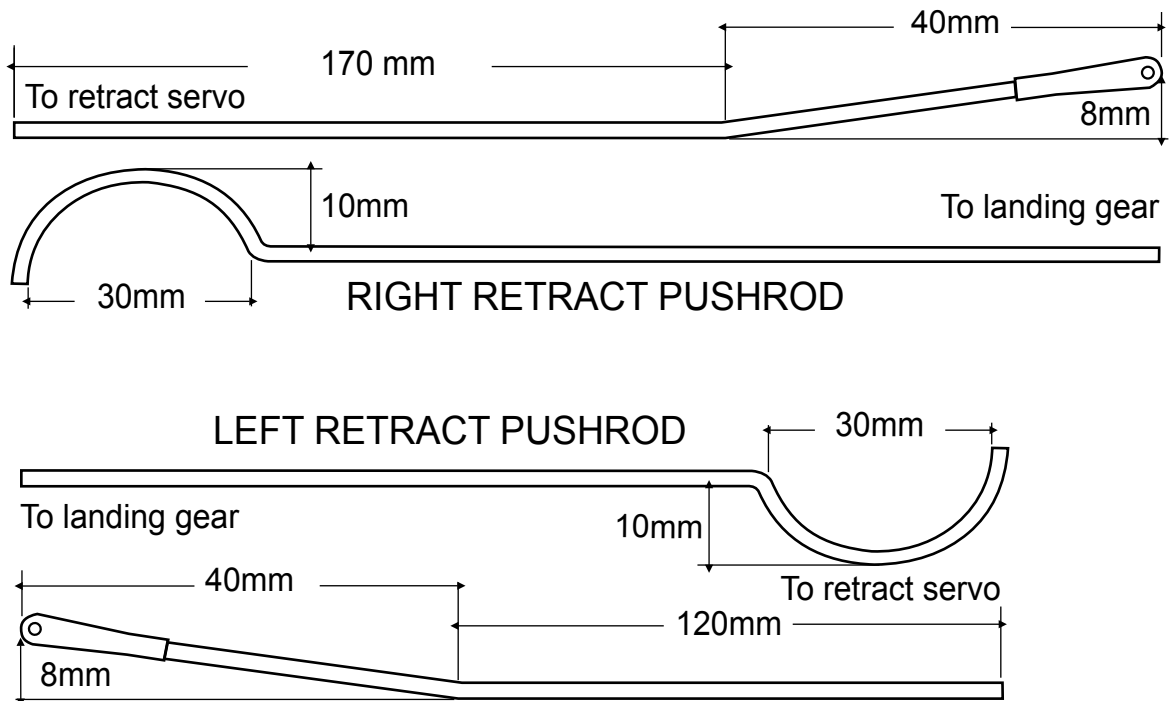
3- Servos installation



5- Retract landing gear Installation



Retract Push rod



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

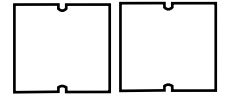
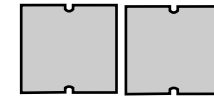
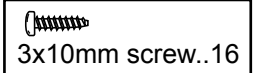
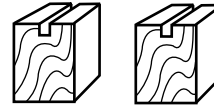
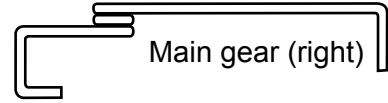
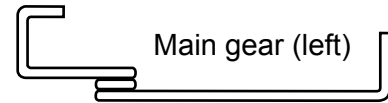
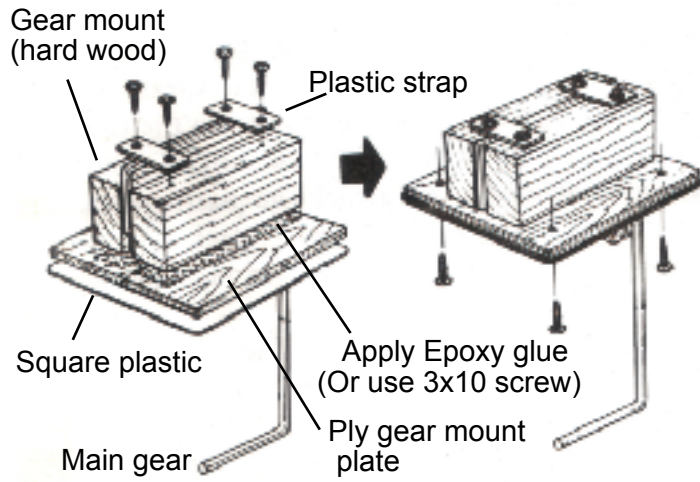
Use epoxy glue

Apply cyano glue

Assemble left and right sides the same way.

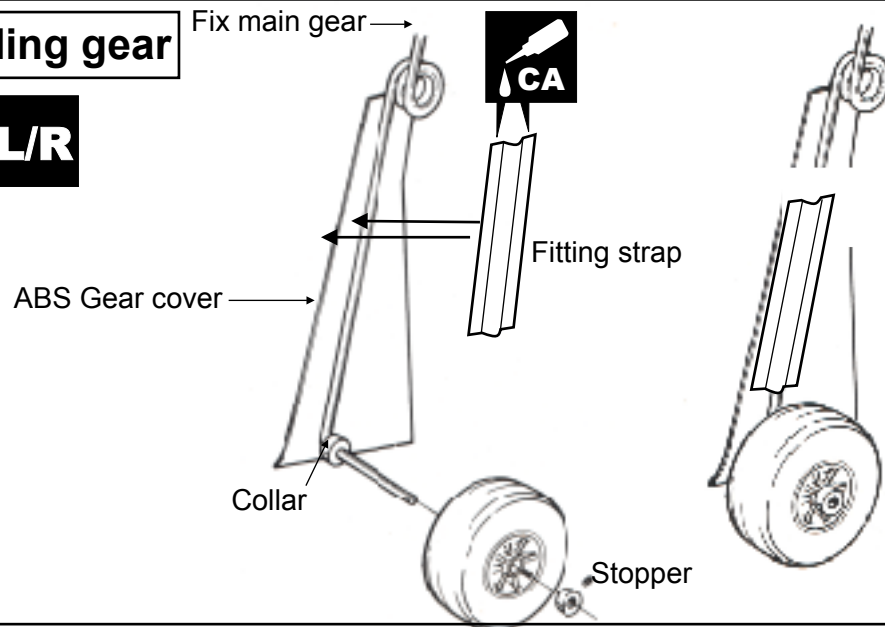
Not included. These parts must be purchased separately

5- Main Wing: Fix gear

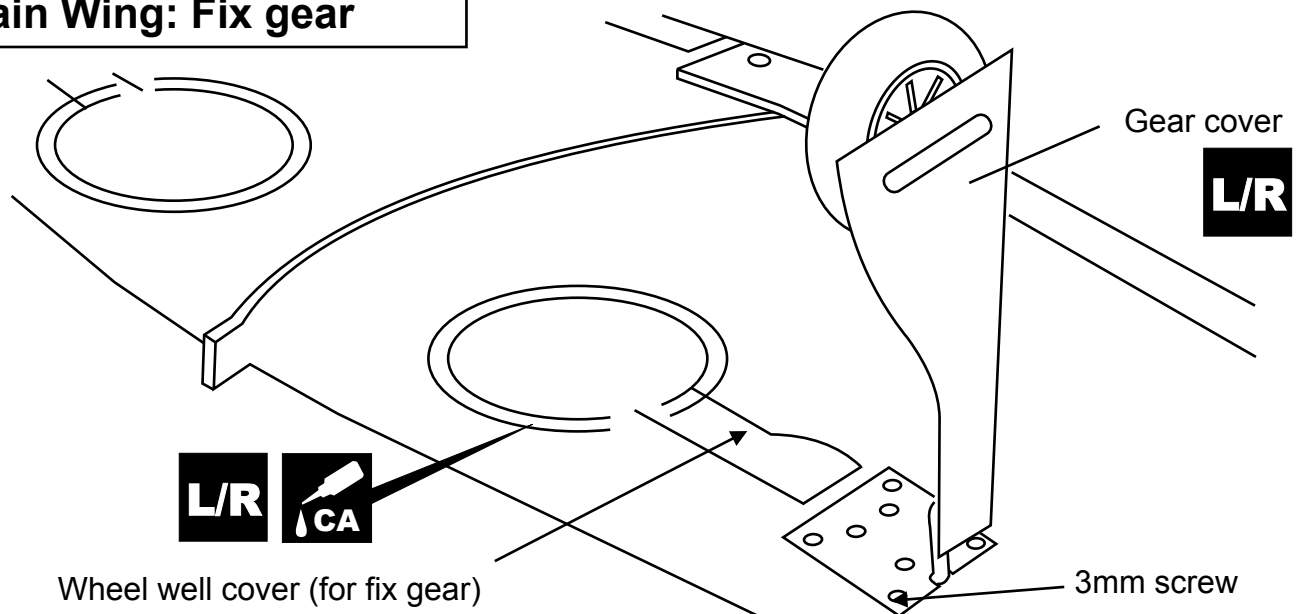


6- Main Wing: Landing gear

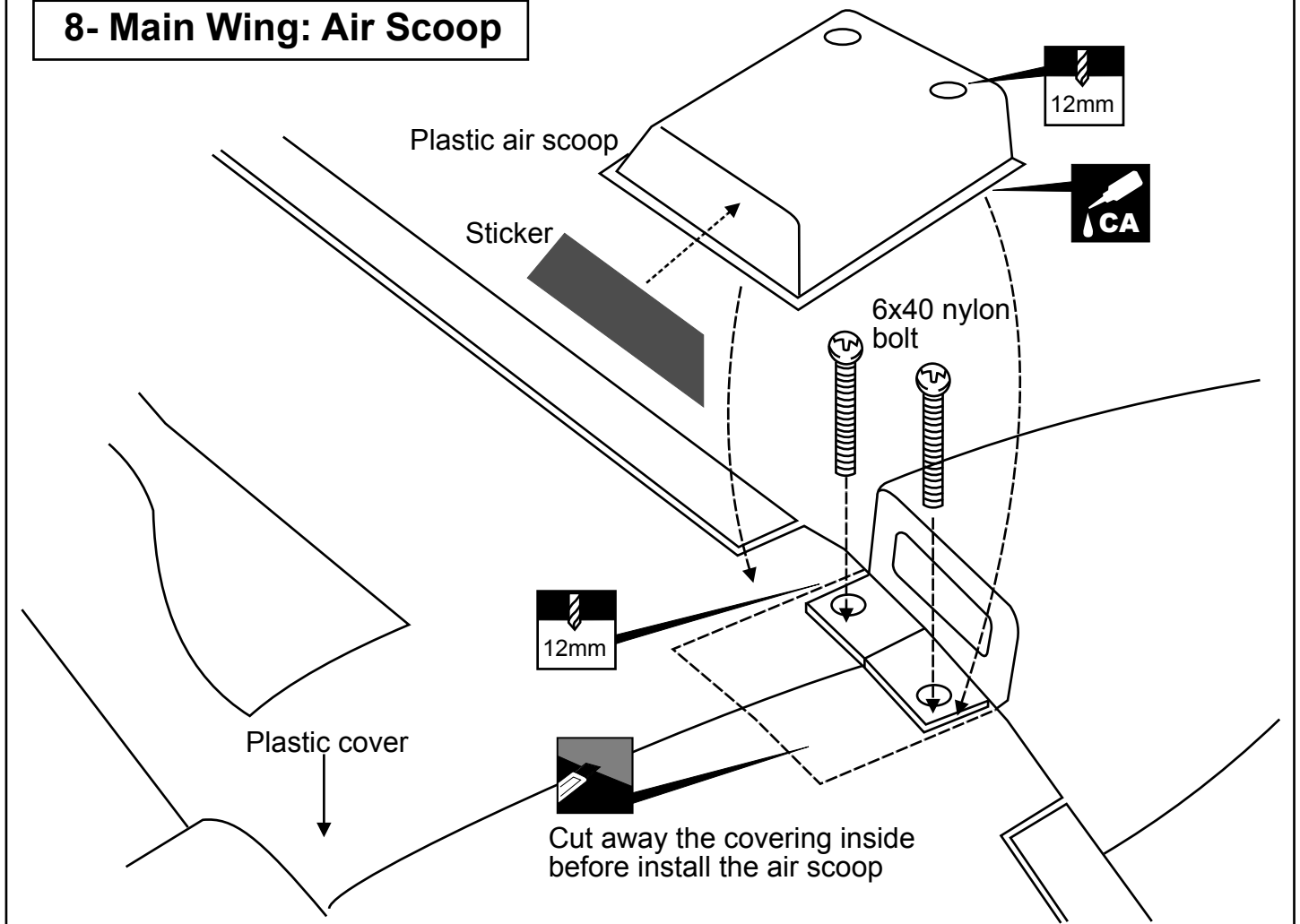
L/R



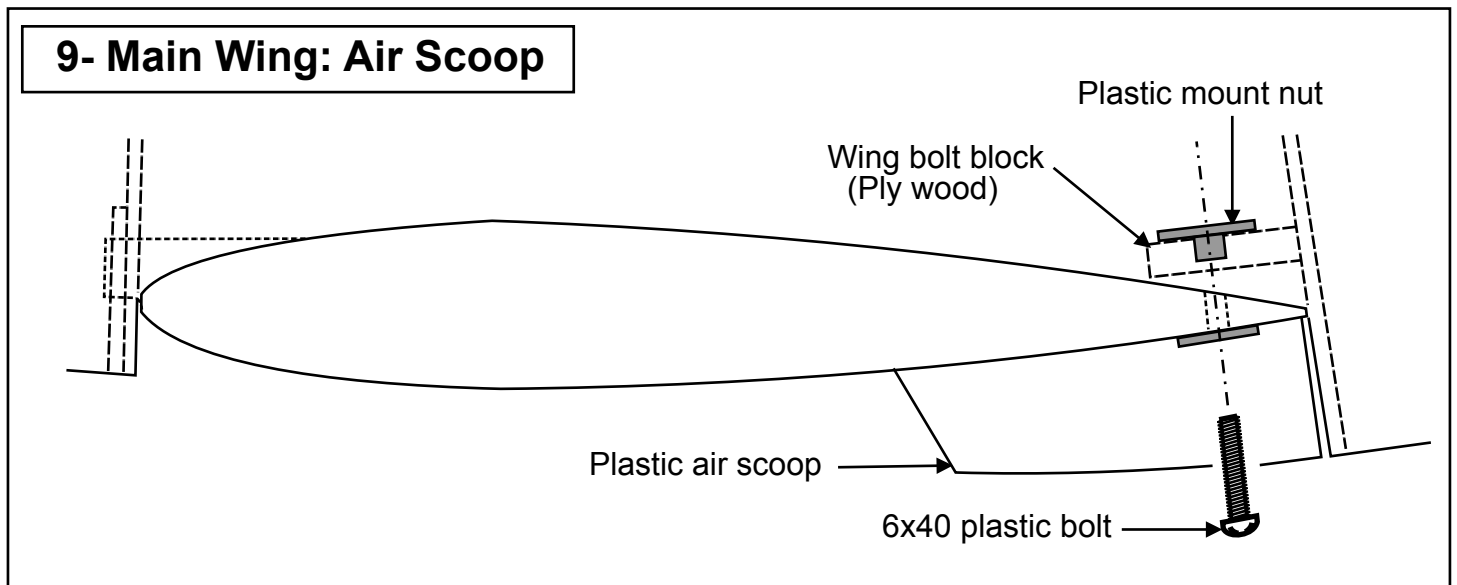
7- Main Wing: Fix gear




8- Main Wing: Air Scoop





9- Main Wing: Air Scoop





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


1.5mm


 Take particular care here


 Hatched-in areas: remove covering film carefully

 Check during assembly that these parts move freely, without binding

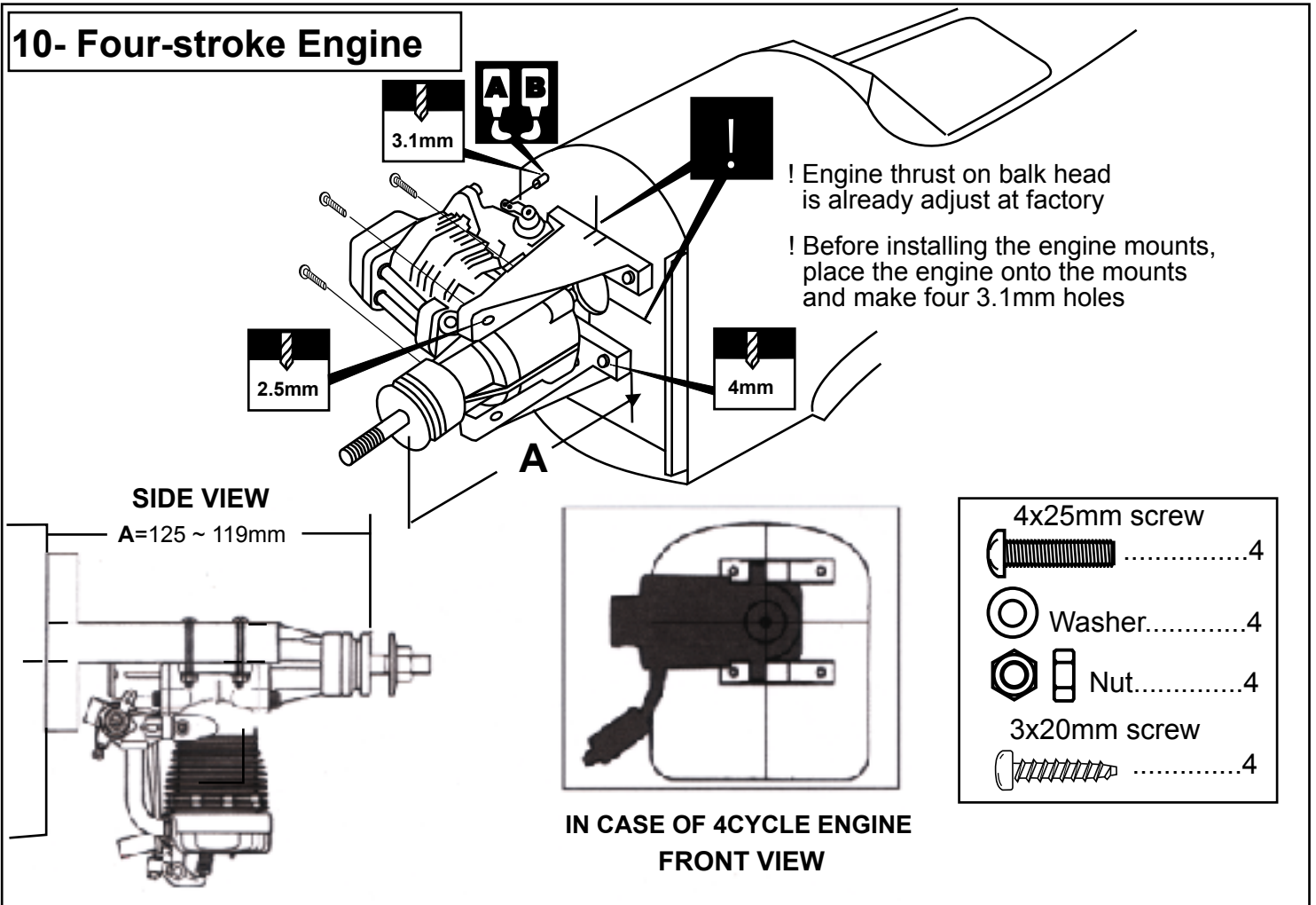
 Use epoxy glue

 Apply cyano glue

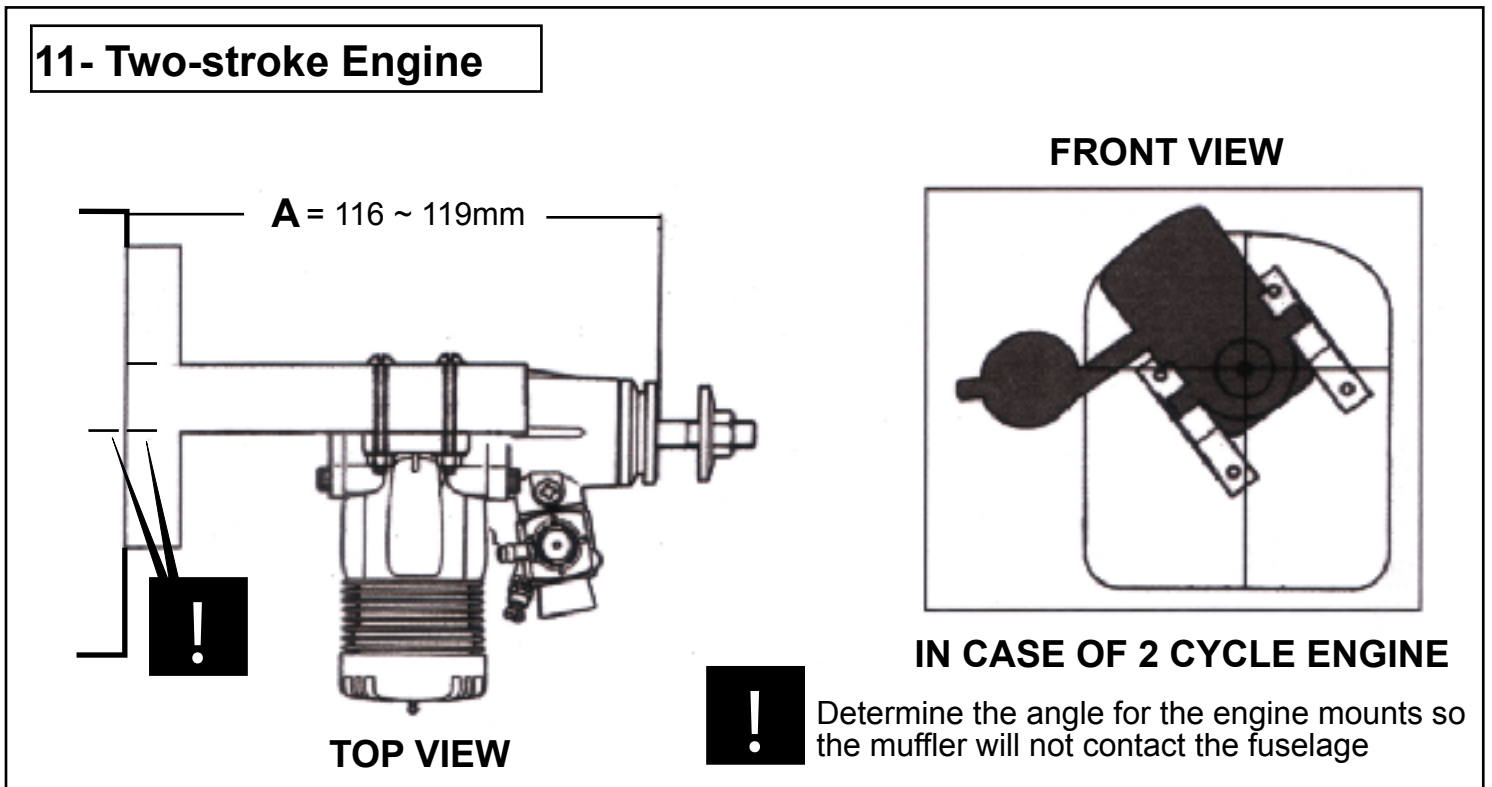
 Assemble left and right sides the same way.

 Not included. These parts must be purchased separately

10- Four-stroke Engine



11- Two-stroke Engine



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

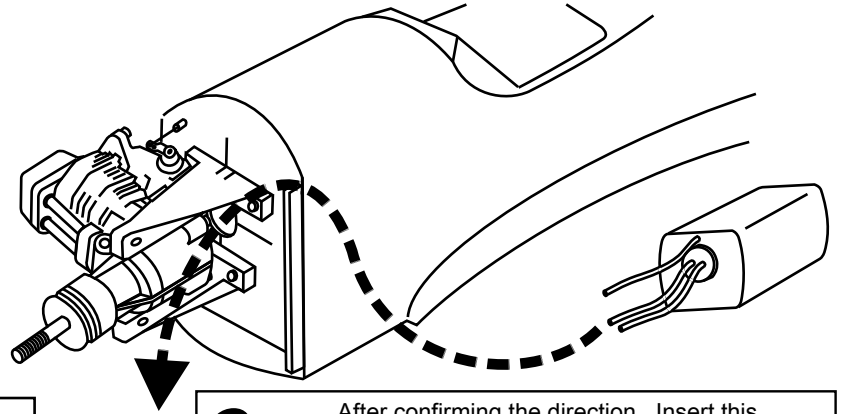
Use epoxy glue

Apply cyano glue

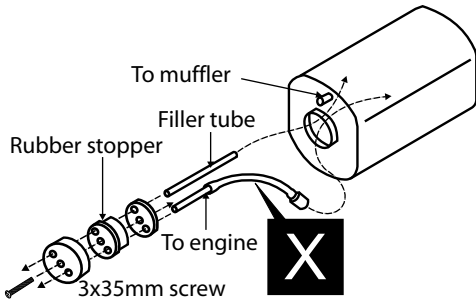
Assemble left and right sides the same way.

Not included. These parts must be purchased separately

12- Fuel tank installation

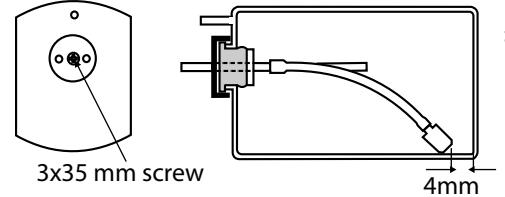


1

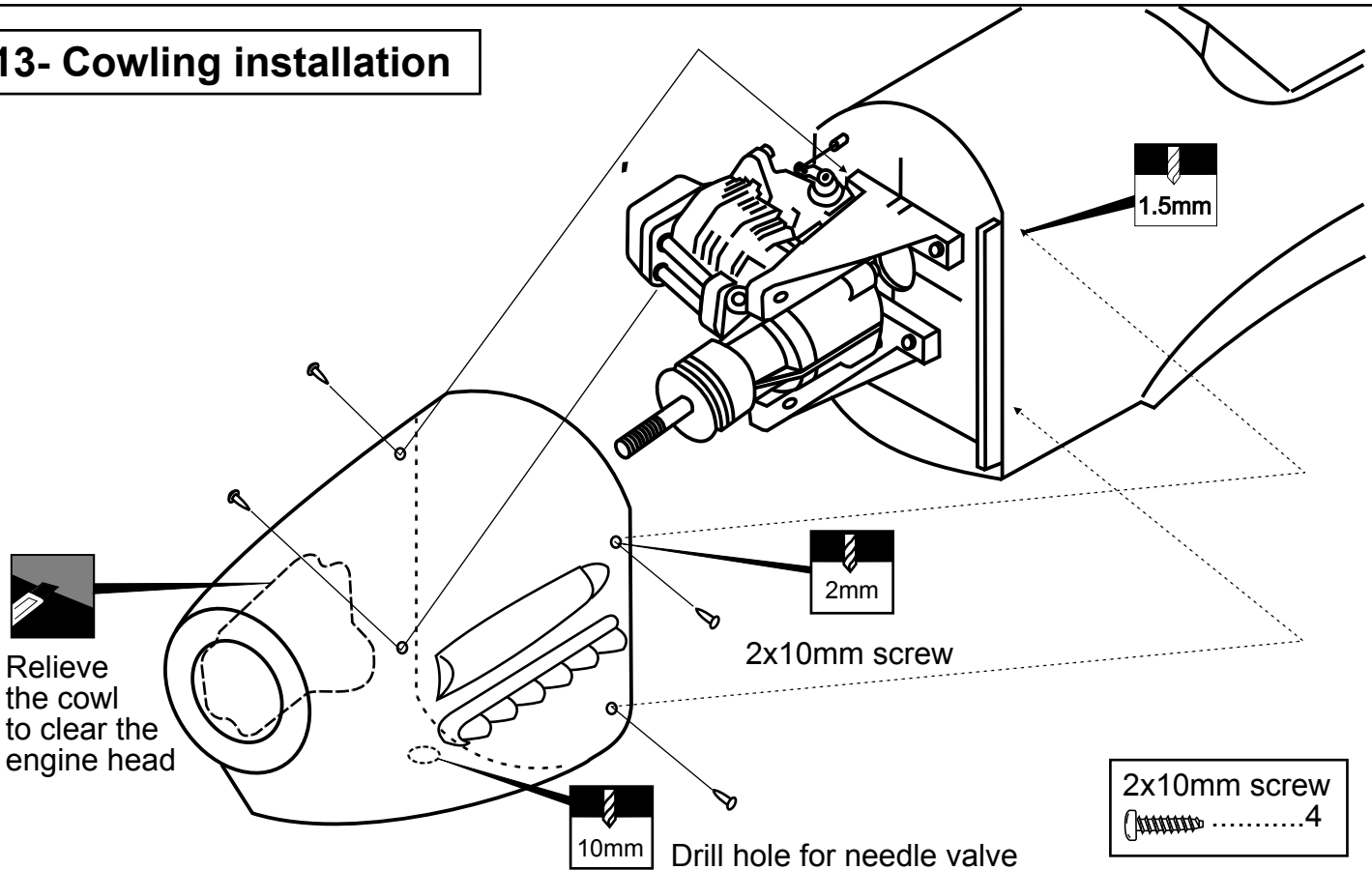



2


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





13- Cowling installation





 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

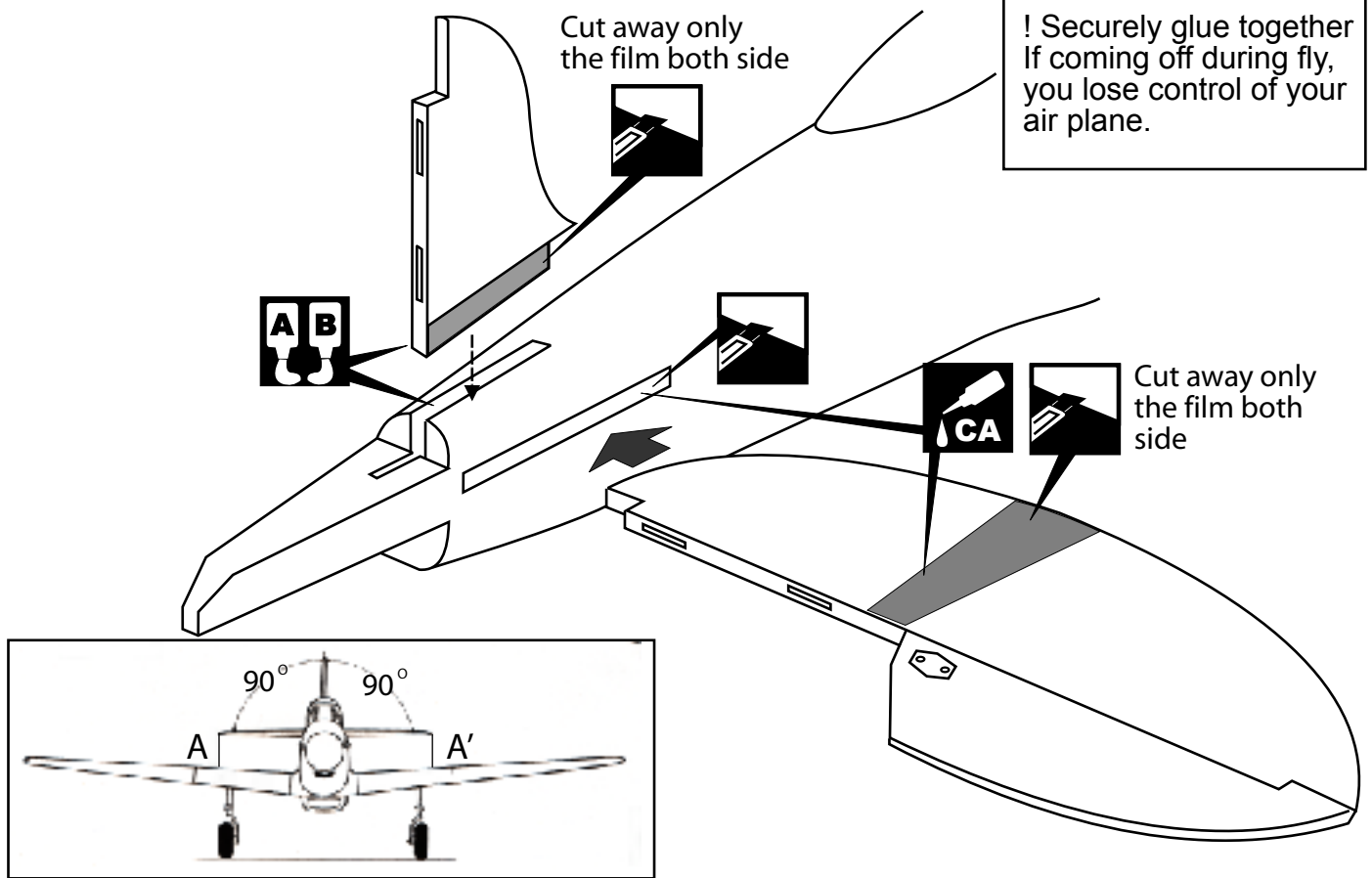
 Use epoxy glue

 Apply cyano glue

 Assemble left and right sides the same way.

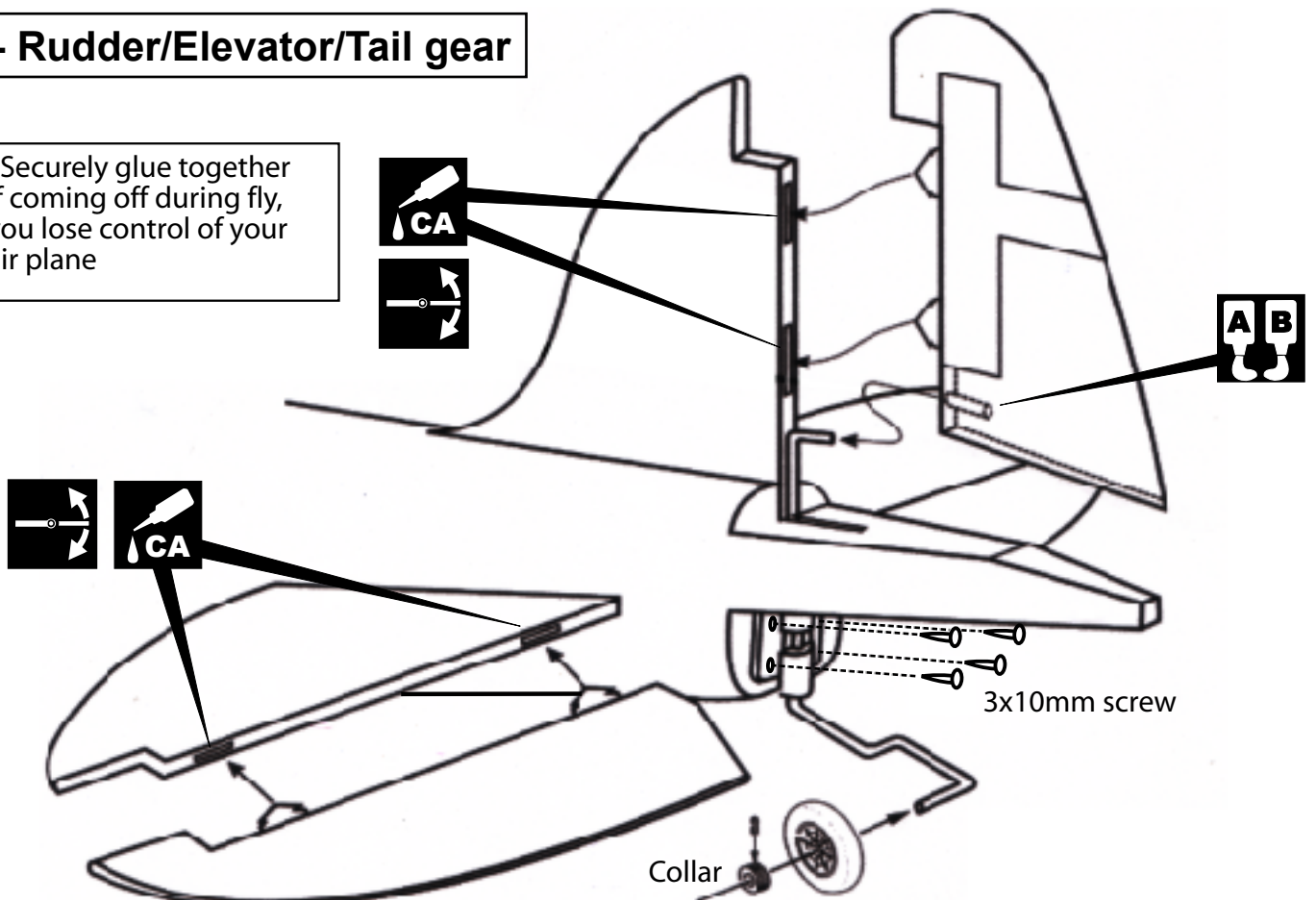
 Not included. These parts must be purchased separately

14- Vertical/Horizontal Tail

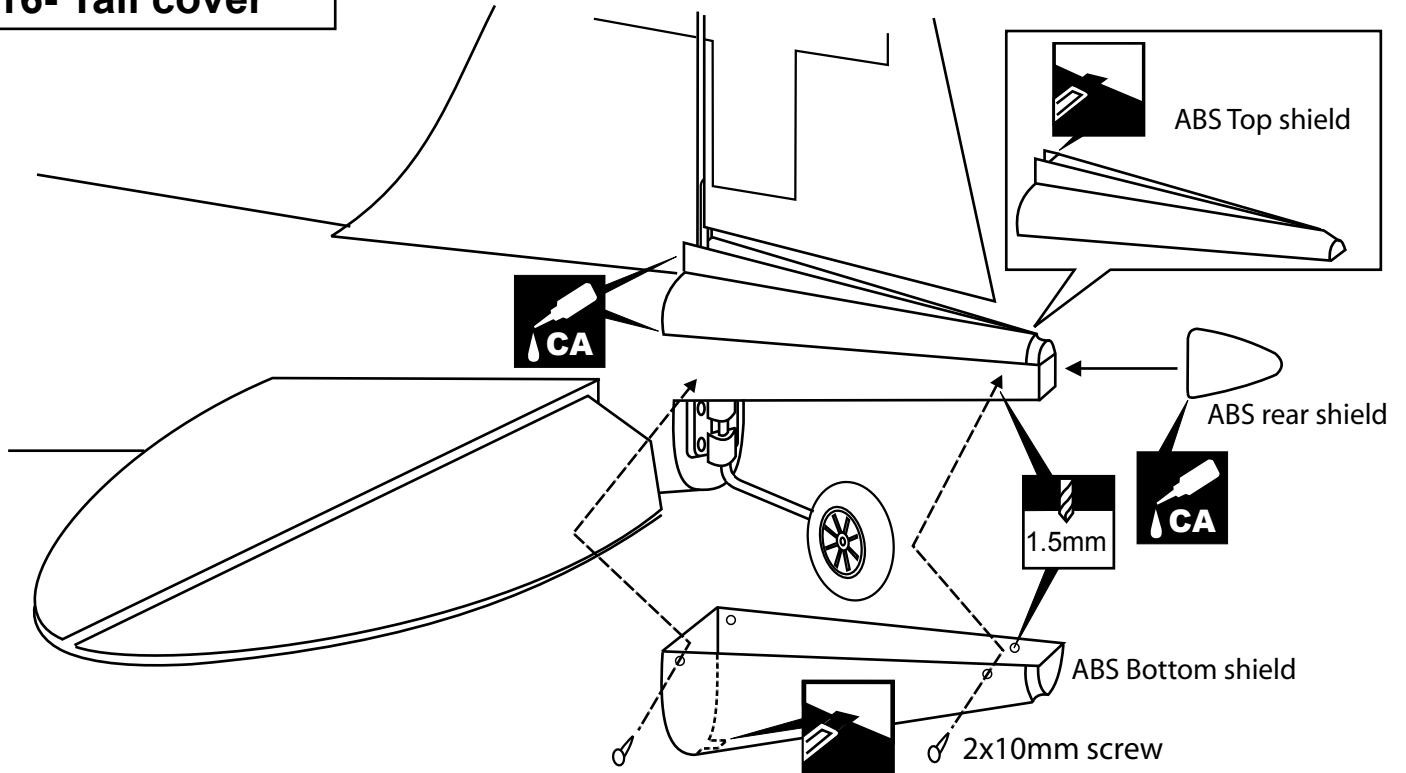


15- Rudder/Elevator/Tail gear

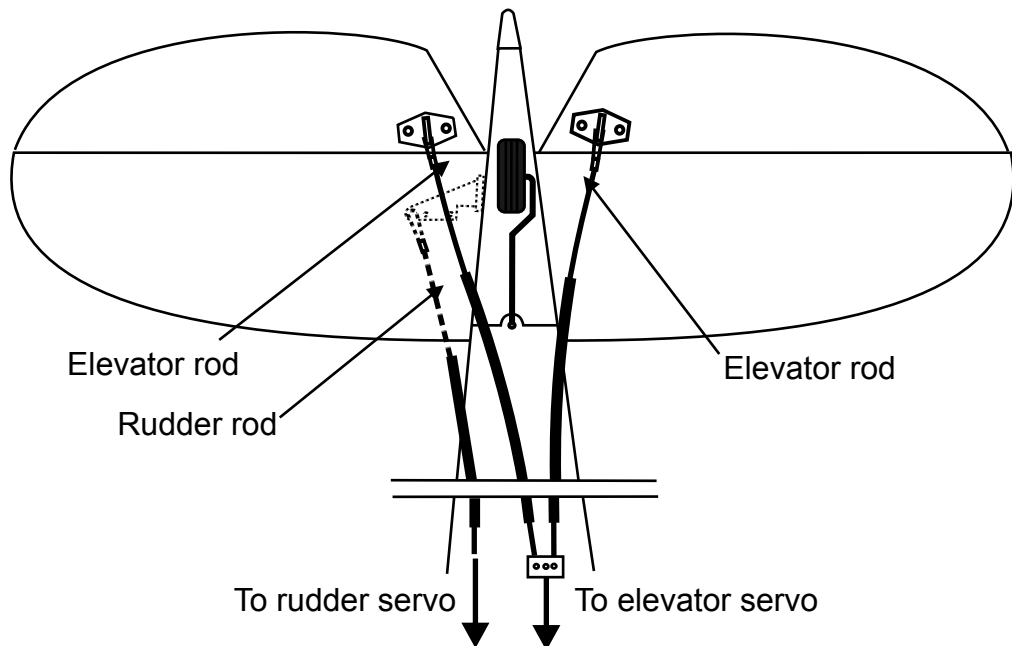
! Securely glue together
If coming off during fly,
you lose control of your
air plane




16- Tail cover





17- Linkages





 1.5mm 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

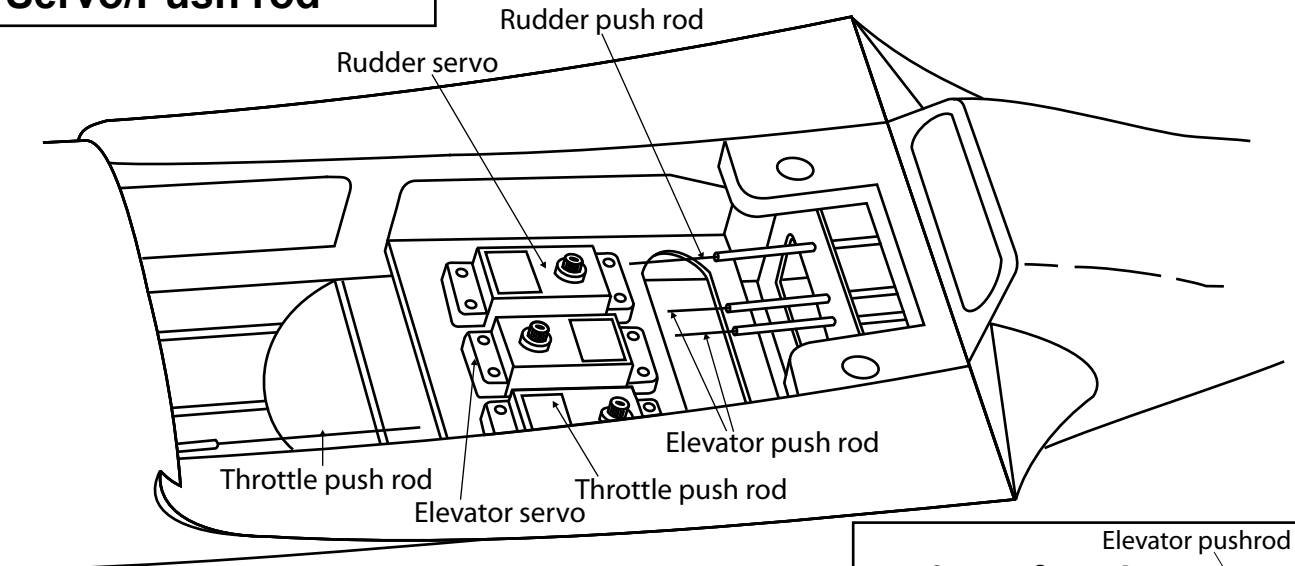
 Use epoxy glue

 Apply cyano glue

 Assemble left and right sides the same way.

 Not included. These parts must be purchased separately

18- Servo/Push rod



Connector

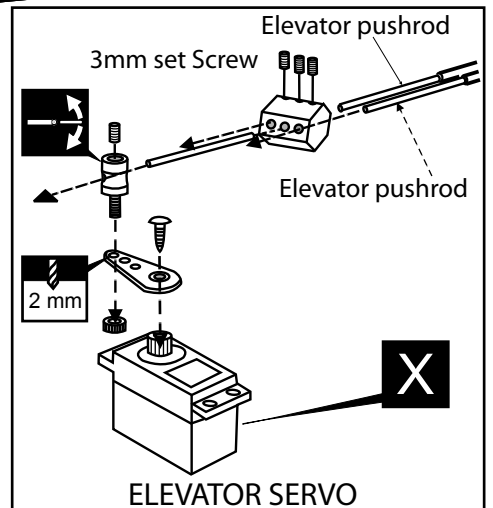
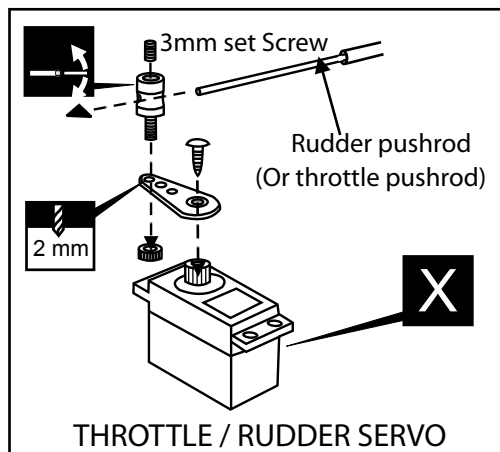


.....3

Connector



.....1

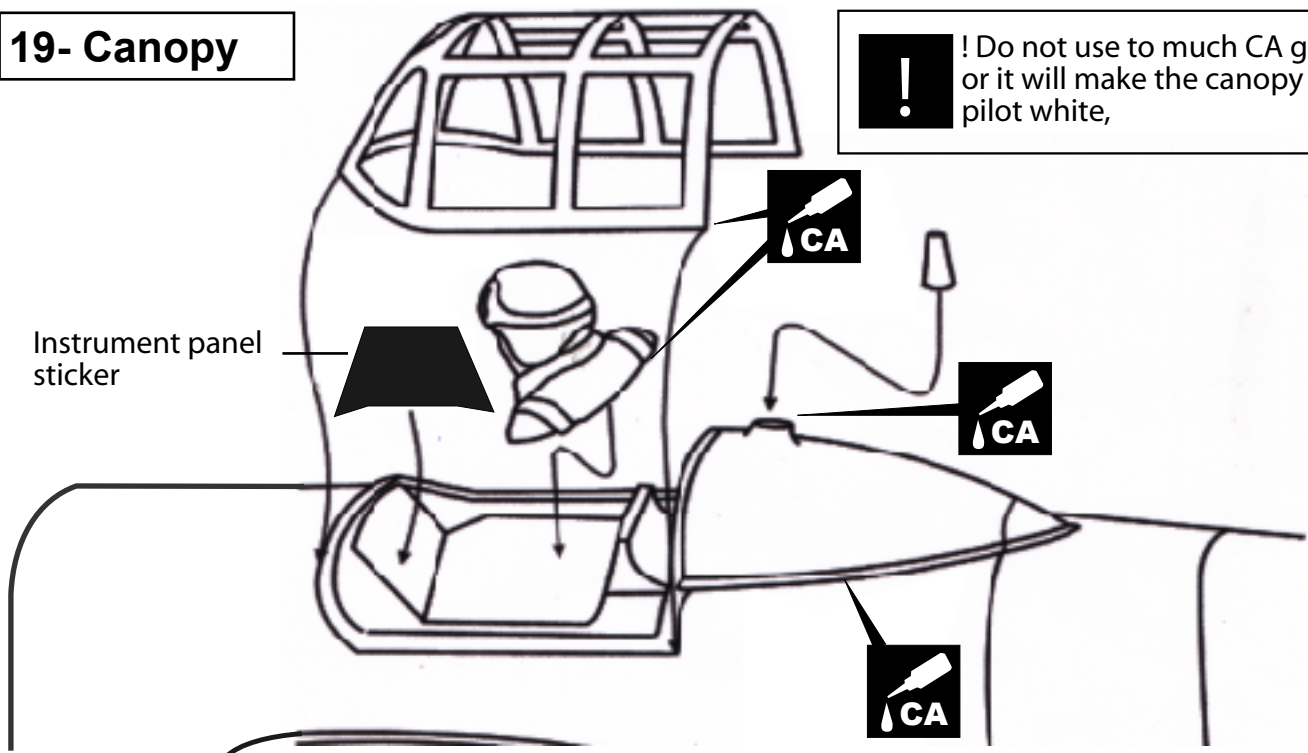


19- Canopy

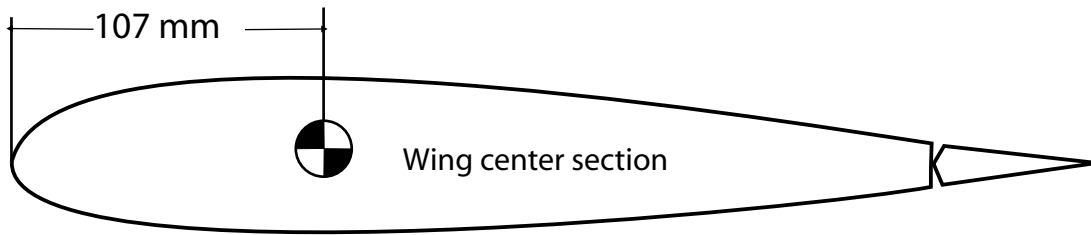


! Do not use too much CA glue or it will make the canopy and pilot white,

Instrument panel sticker



20- Balance



DO NOT try to fly an out-of-balance model !

21- Control Surface

