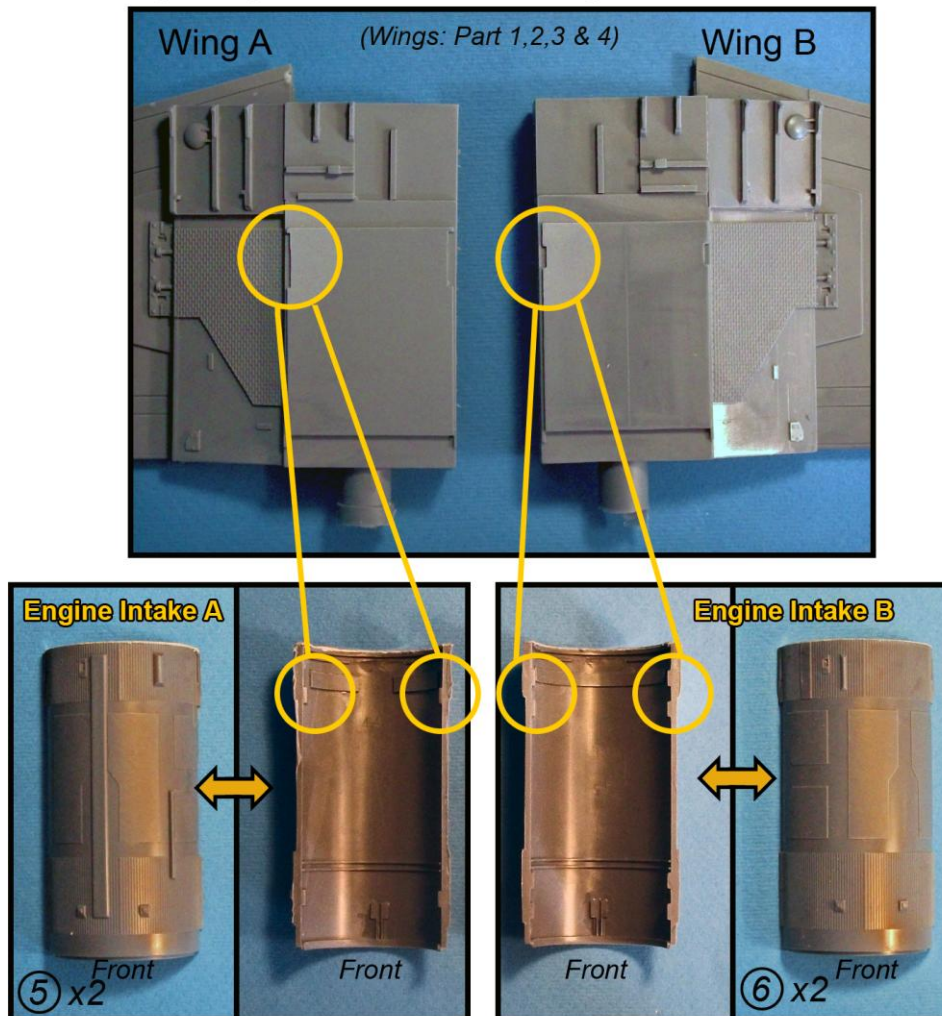
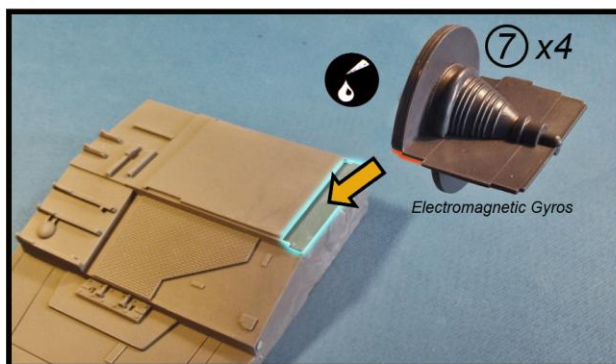


A- Wing Assembly

Before starting assembly you must select the right parts for each wing. Your kit has 4 wings, 2 type A and 2 Type B. They can be recognized by the different size of the assembly guides on each wing. These guides match with the correct **Engine Intake A** or B.



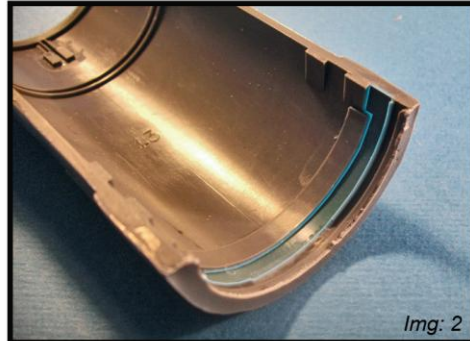
Step-1



Using **Cyanocrylate Glue**, paste part 7 (Electromagnetic Gyros x4) on the front wing surface -Highlighted in Cyan- matching the form of the border of part 7 -highlighted in red- with its negative form on the wing structure. **Do not** apply glue on the semispherical part because it barely touches the wing surface and would produce an incorrect angle for all the part.

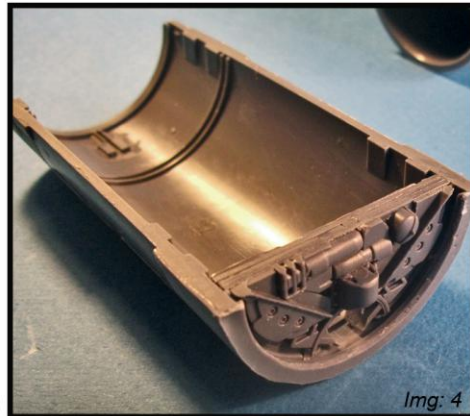
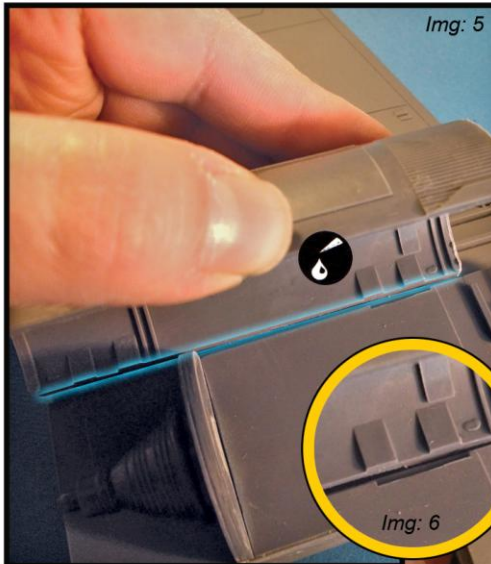
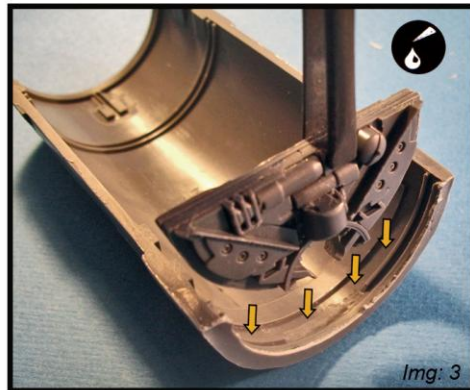
Step-2 Pasting the Rear Engine detail

Practice the fitting of part 8 -Rear Engine Detail on the surface highlighted in Cyan on the Engine Intake - part 5(x2) and 6(x2)- .If the rear engine detail -part 8 (x4) does not fit please sand it until it fits. Then apply Cyanocrylate glue and paste part 8 on the Engine intake.



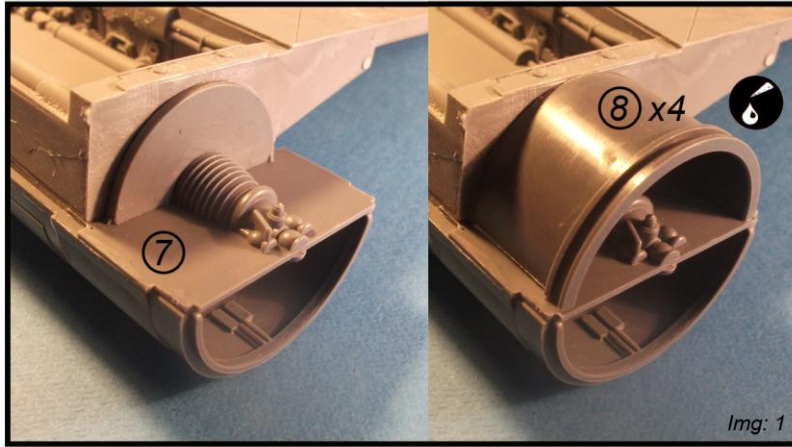
Step-3 Pasting the Engine Intake

Practice the fitting of the Engine Intake A or B on the wings that match them before applying Cyanocrylate glue to it as seen on image 6. Also practice how the contour of the Engine Intake matches the borders of Part 7 -Electromagnetic Gyros (img 7). When you are confident that every part matches correctly apply the Cyanocrylate glue.



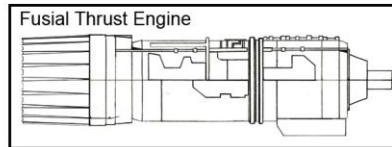
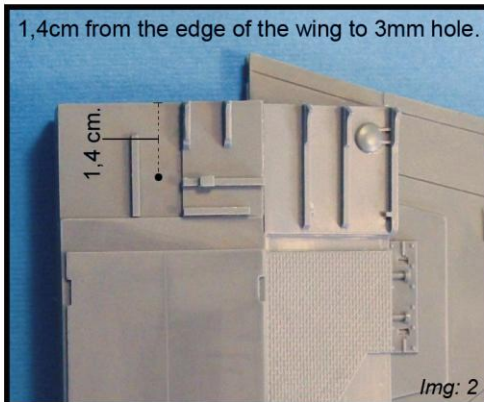
Step-4 Lower Enging Intake

Paste the Lower Engine intake - Part 8- To the Electromagnetic Gyro -Part 7-



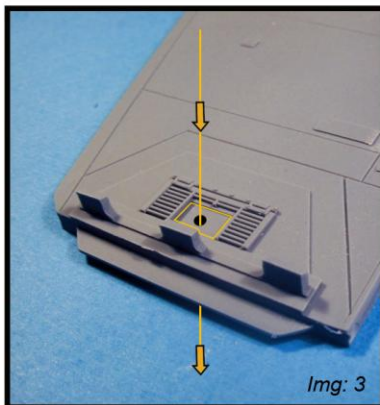
Step-5 Drilling

Drill a hole in the wing 1,4 cm from the rear edge of the wing, (as seen on img 2) , where the Fusial Thrust Engine will be attached later. We recommend to use 3mm headless screws. Use a drill bit according to the size of the screws you use. Reptit the same process for t guns as seen on img 3



NOTE We recommend the use of Headless Allen screws **M3 x 10 mm**. You will require 24 of these screws for this kit:

- 16 M3 for the Armature.
- 4 M3 for engines
- 4 M3 for the guns.

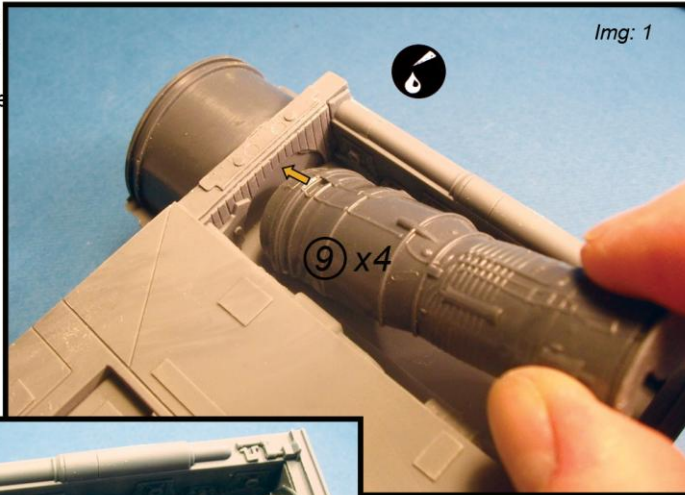


Step-6 Attaching the Inner Wng Engines

Fit the Inner Engines

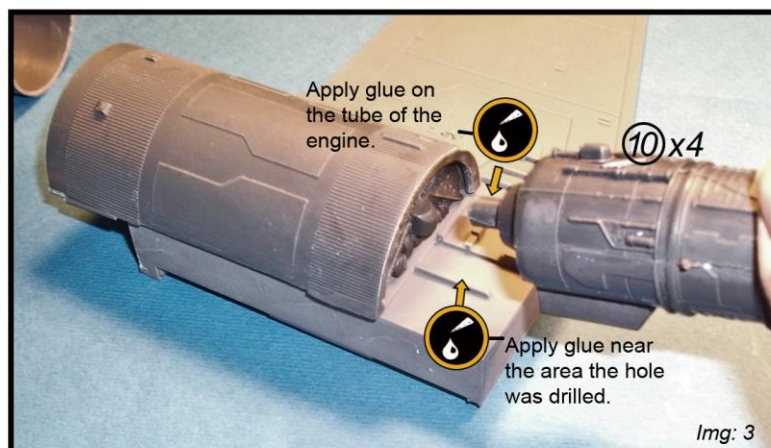
-Part 9 x 4 - inside the wing bay.

Practice the assembly of the part before definitively gluing the inner Engine to the Wing.



Step-7 Attaching the Fusial Thrust Engines

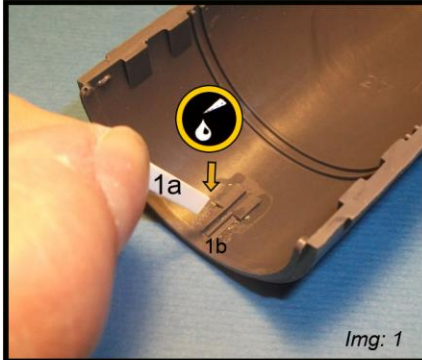
The 4 Fusial Thrust Engines must be glued with **Cyanocrylate Glue** before being drilled and screwed to the wing. Apply Cyanocrylate glue to the areas indicated with yellow arrows as seen on img 3



Step-8 Intake Bar detail.

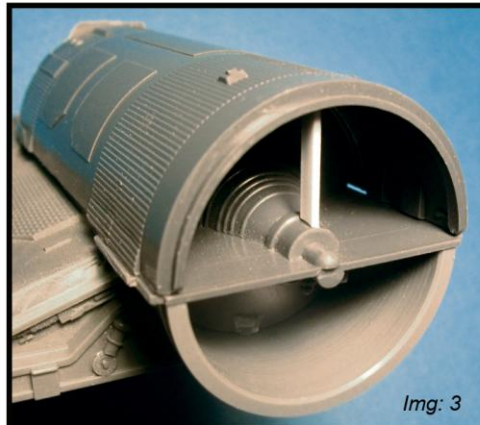
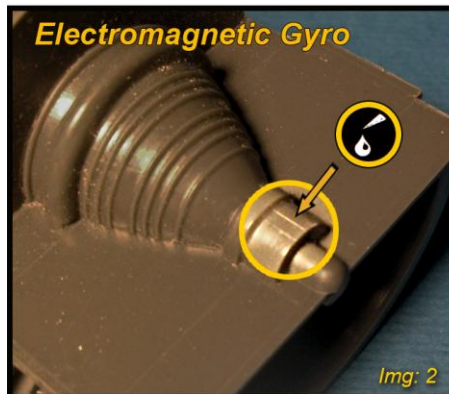
For **Intake Bar** we recomend you use **Plastruct Styrene Strip** N° **90746** (.040" x .125" or 1.0mm x 3.2 mm). From 1 Strip cut 4 strips 1,75 cm / .69" tall(*Img 1a*). This strip is 1 mm wide and fits exactly in the trench located inside the Intake as seen in *image 1b*.

Take a close look to the **Electromagnetic Gyro**. It has some very light marks to glue the strip in the right position (*Img 2*)



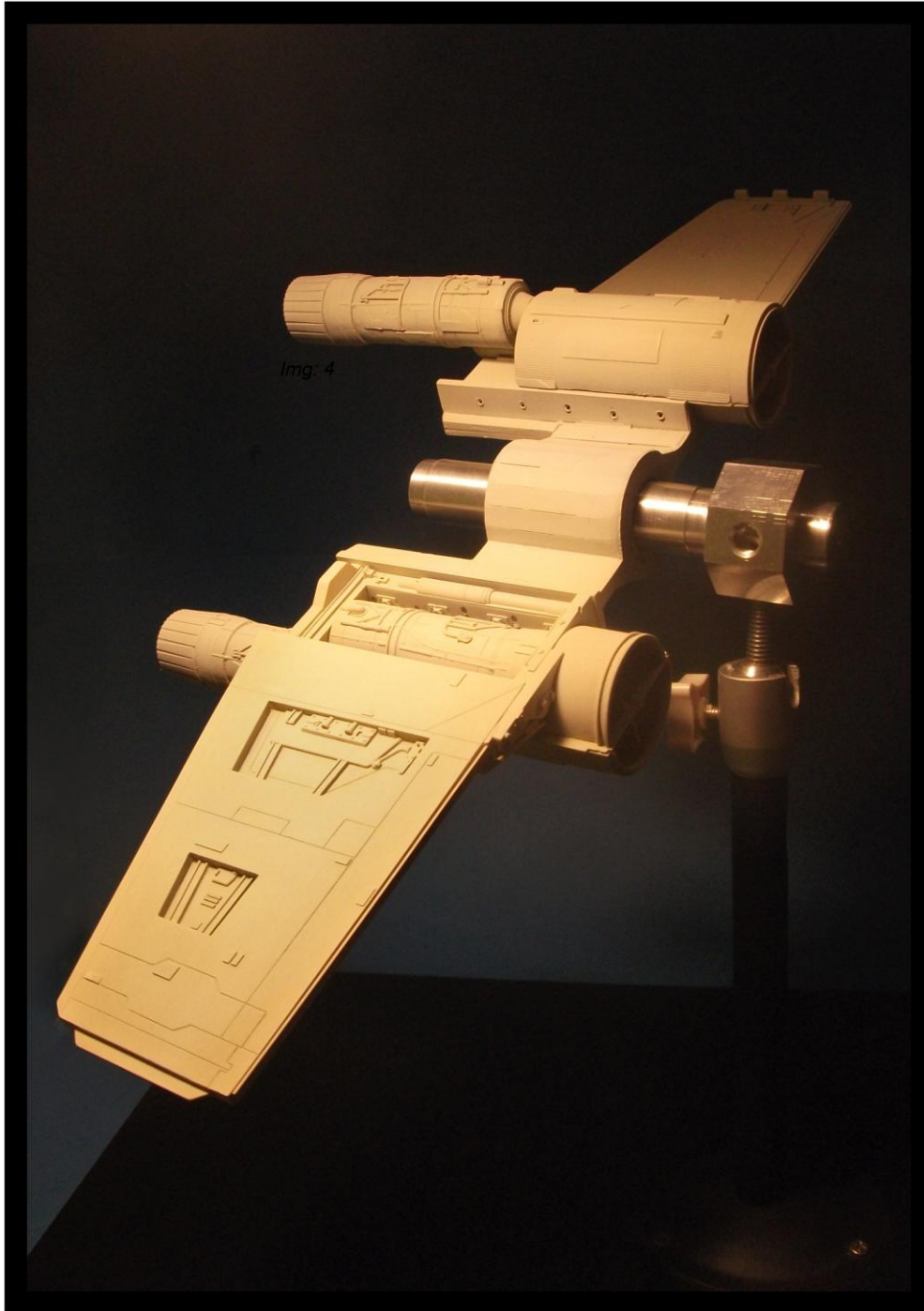
As always, we recommend you to practice before gluing the **Styrene bar**, so you are suer the height of the bar is right and that the position of the bar resting in the **Gyro** is in 90° with the **Gyro** and with the trench on the ceiling of the **Engine Intake**.

Use **Cyanocrylate Glue**



First assemble the 4 Wings before moving on to Part 2 of this guide.

B-Aluminium-Resin Armature



B-Aluminium-Resin Armature

The Aluminium-Resin Armature is a simplified version of the original ILM full aluminium armature used in the original filming models.

The main reason for this change of armature was not price, but to ensure a correct alignment of the wings thanks to an original constructed part.

The manual machined parts proved to be uneven thus making it very difficult to assemble the wings or making the close and open with out effort or being too loose to withstand a closed position.

It took us too much effort to assemble a functional full aluminium armature due to the imprecision of the aluminium machined wing supports, so we decided to look for a different solution that would make it easier and faster for the wings to be assembled and functional.

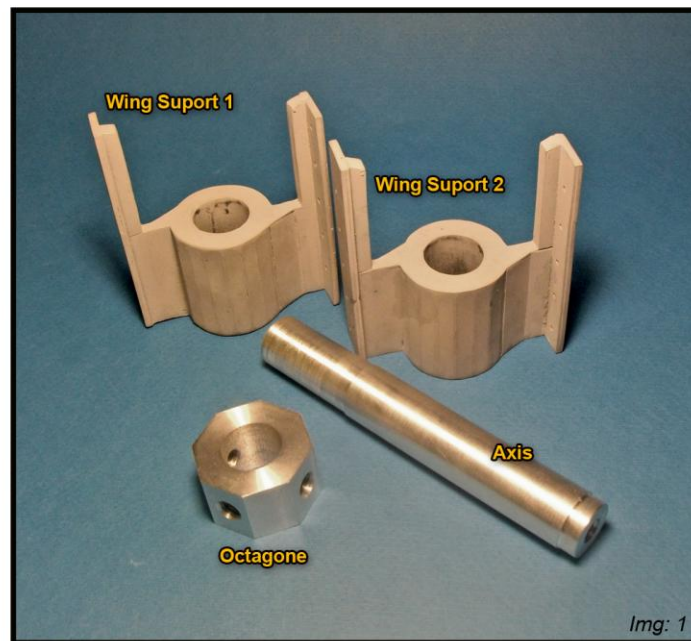
The solution was this half resin-half aluminium armature that we offer in this kit. I believe and hope that this armature will prove to be practical and resistant

To strengthen the resin used on the wing supports, steel wire is placed in the molds before pouring the resin inside them.

It is very important that you follow the order of the steps of this guide to ensure that you get the best of the resin parts of the armature.

Sincerely:

RMartinez



The four parts of the wing armature