



Ariane 1

After the failure of the Europa launcher, France pushed hard to try again to make a pan-European launch vehicle. The Blue Streaks were all gone, but that provided the opportunity to replace that stage with a larger, more powerful one. Original plans for a large LOX/LH2 upper stage were scrapped in favor of a small one, above a second stage which used the same engine as the first stage.

The Ariane 1 could throw up to 4070 lbs into Geosynchronous Transfer Orbit (GTO). With this capability, it could (and did) break into, indeed create, the commercial satellite launch market

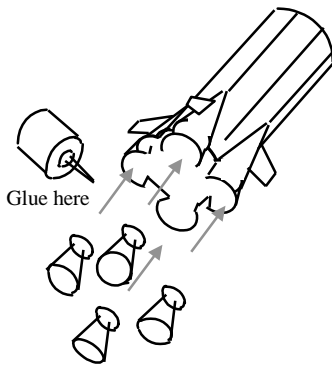
This kit is a resin kit. It is not up to the standards of professional mass-produced injection-molded kits; on the other hand, there are no such kits of the Ariane 3.

You will need to trim flash off of parts, sand parts to fit, and fill gaps and holes with plastic putty.

Before beginning, take inventory of your parts. Compare them with the kit instructions, and familiarize yourself with both. Now would be a good time to wash all resin parts in soap and lukewarm water, as this will wash off any “weeping” that may have come off the resin during shipping.

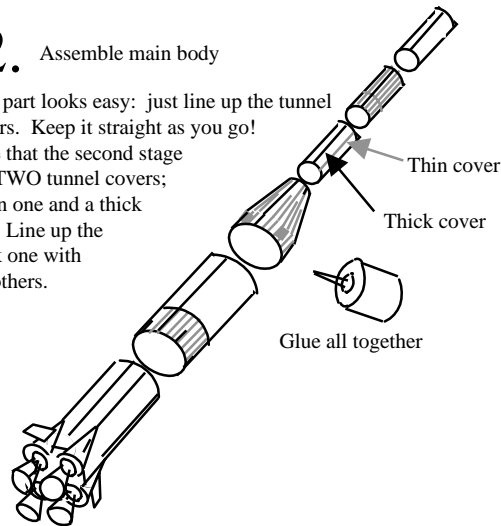
Use of a cyanoacrylate glue (Super Glue) or a fast-setting epoxy is recommended.

1. First Stage Engine Bay

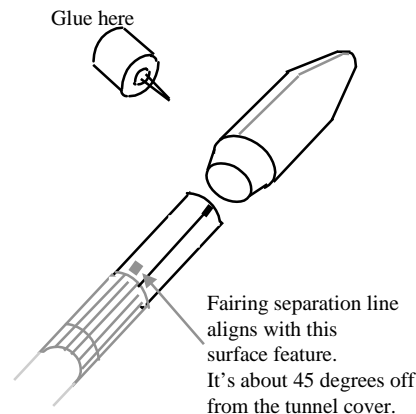


2. Assemble main body

This part looks easy: just line up the tunnel covers. Keep it straight as you go!
Note that the second stage has TWO tunnel covers; a thin one and a thick one. Line up the thick one with the others.



3. Assemble fairing



Ariane 1 Painting/Decal Guide

The Ariane 1 is finished in four colors:

- White -- Overall
- Brown -- Third Stage except for surface details
- Black -- Lower fairing transition, lower section of first-stage engine fairings
- Aluminum -- First Stage engines, Fairing nose

Please forgive the drawing below; it's an official ESA drawing, which unfortunately is wrong in a few details. But it'll show where the decals go

Finally, here's a view of L01 to help you put it all together:

Long tunnel cover is on the right side in this view.

These 2 are spaced 180 degrees apart, aligned with SRM's.



Place Belgian flag against the tunnel cover, and wrap..



Then put Dutch flag against other end, and continue wrapping.



Two of each, 180 deg. apart

