



B—1B WING MECHANICS

1/48

for Revell/Monogram kit (04560 or 04900)

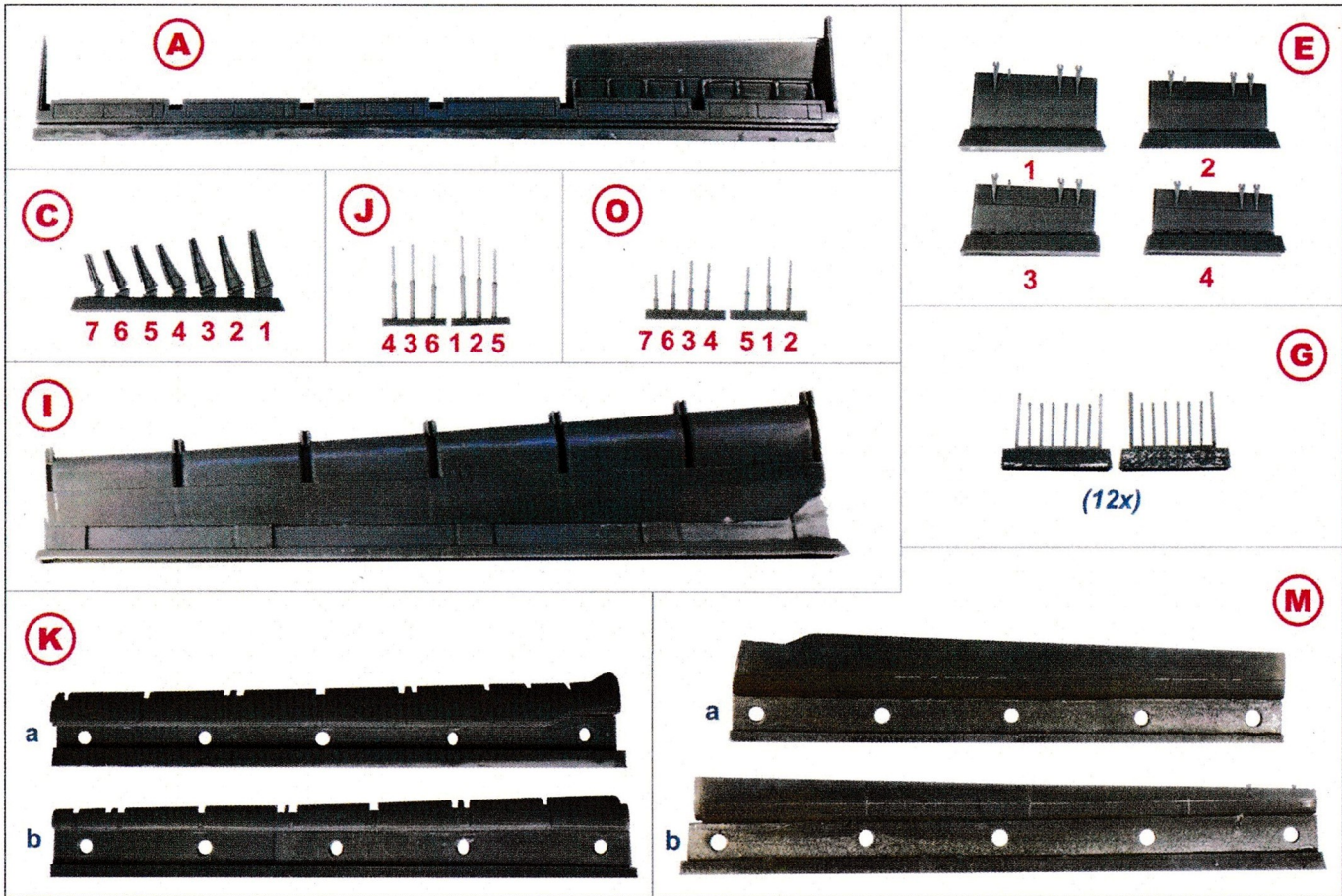
This product contains resin detail parts for upgrading scale plastic models. When selecting this set make sure that it is for the kit mentioned in product name as these sets are made specifically for that kit. When upgrading the model some cutting or corrections may be necessary for parts to fit accurately. For gluing resin parts use cyanoacrylate (CA) glue.



WARNING!

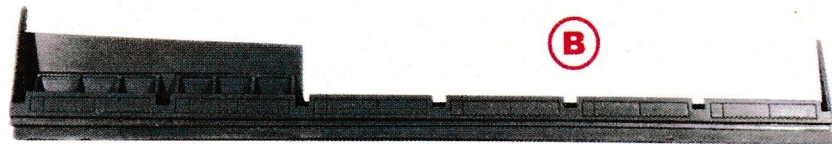
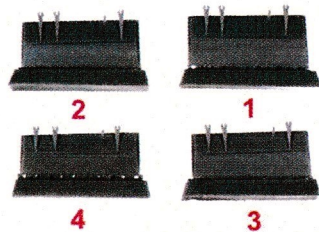
This set contains small and sharp parts. Work carefully in a ventilated and well-lit room. Safety glasses are recommended. This product is not suitable for children below 16 years of age and beginners. It is intended for experienced and skilled modelers.

PUR PARTS – LEFT WING

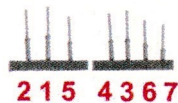


PUR PARTS - RIGHT WING

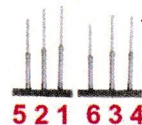
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O



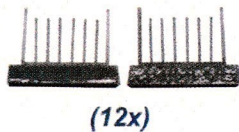
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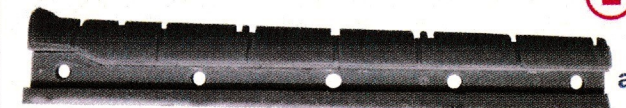
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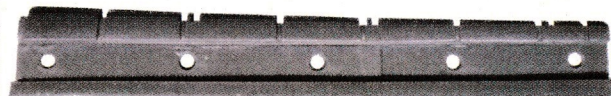
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b

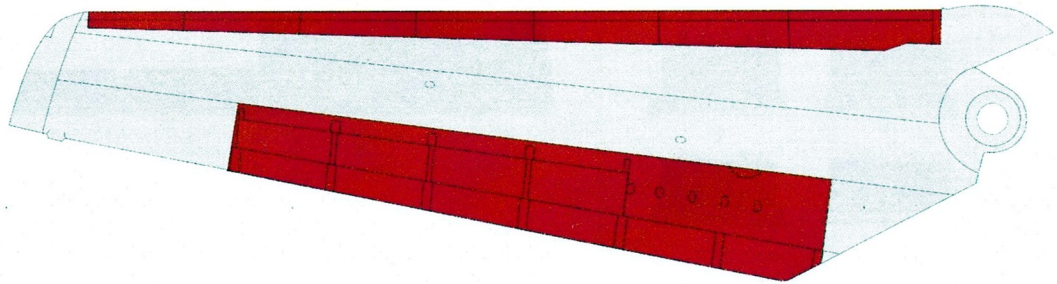


b



1. Preparation of original wing parts from kit

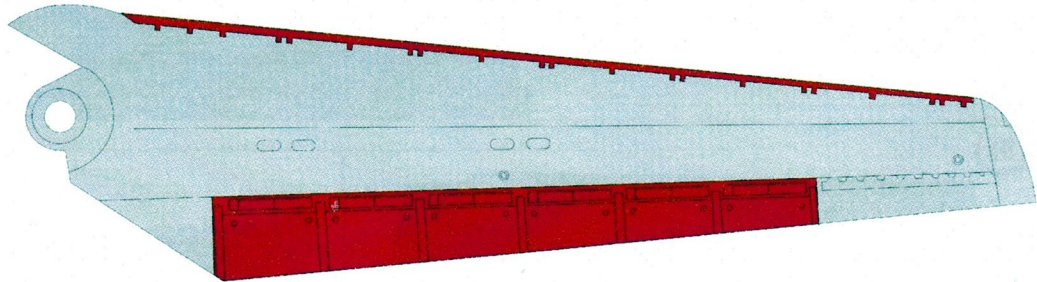
- Cut of red sections from both parts of the wing.
- Don't glue them together yet.
- For cutting use engraved panel lines on wing parts. The PUR part would fit there only with small corrections of angles in flap section (lines should be perpendicular, but they are not)



HINT

If you are not sure, just cut smaller sections and the rest grind off slowly step by step.

During the work You ought to examine, if the housings will fit into wing.



ATTENTION

Lines on both wings are not the same and the PUR parts are adapted to them, so they may look slightly different from each other.

2. Flap and Slat housings

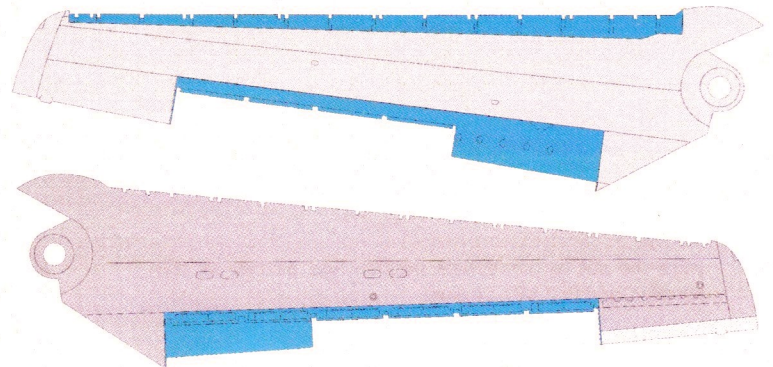
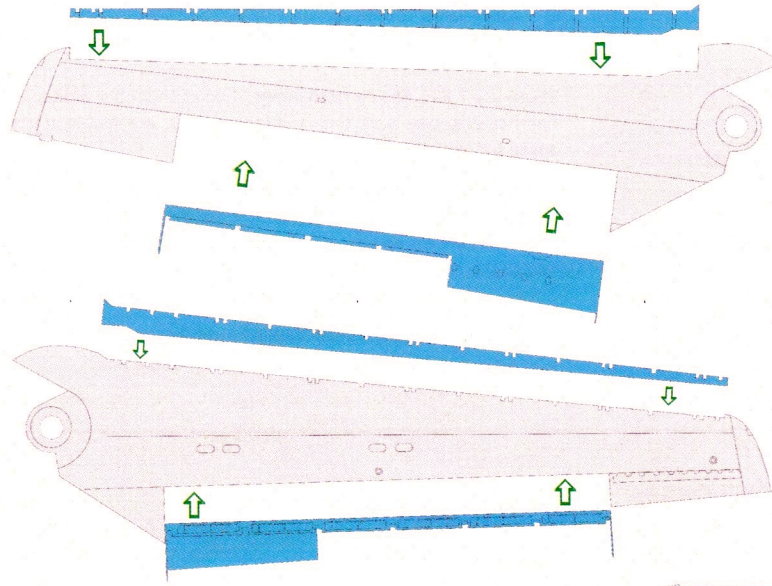
- Compose Slat housing from two PUR parts
- Try to assemble wing only with masking tape instead of glue. If everything fits, then carefully glue Slat and flap housing into the bottom half of the wing. The outer side of flap housing must exceed wing edge (hatched area on bottom drawing belongs to upper part of wing).
- Fit the upper part of wing, fix it with cyanoacrylate and finally complete and glue all the wing.

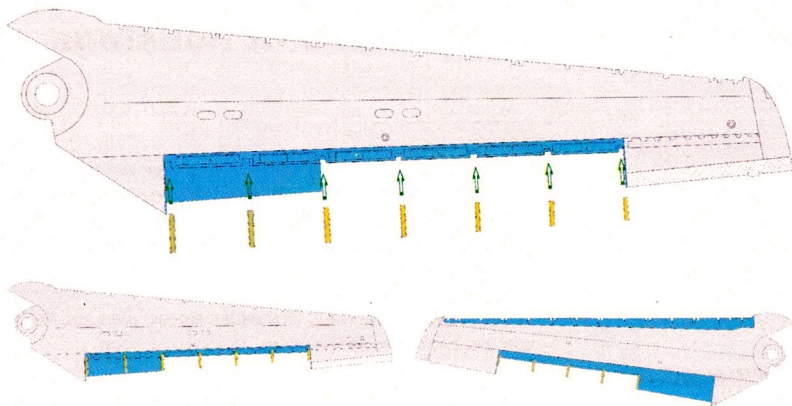
Pay close attention to wing geometry.

WARNING

This part of work is most important for the final result, so work very carefully.

Every mistake in geometry (e.g. twisted or wavy wing) can lead to problems when assembling moving parts of the wing





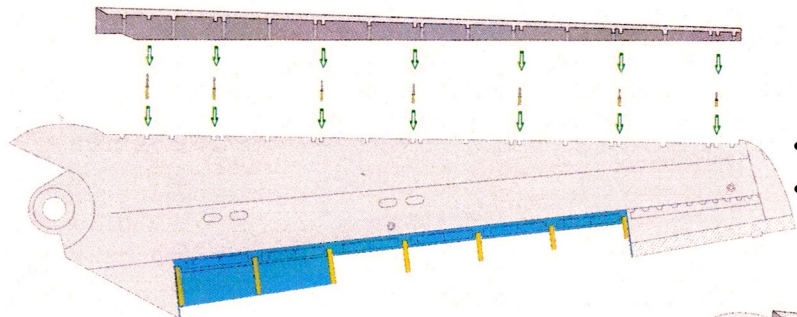
3. Wing ribs

There are 7 flap ribs on both wings. Two of them are hidden in flap housing, one is partially hidden and four are visible in the space between spoilerons.

You ought to start composing ribs from outer ones and then continue to the middle.

Use Flap part for setting every rib into position. Every outer H end of the rib must fit into H hole in flap lock (min to a depth of 2mm).

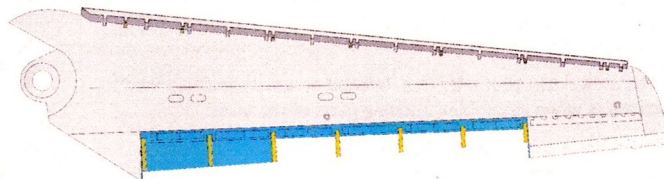
You can also help yourself with appropriate spoileron when fitting distance and parallelism of the fully visible ribs.

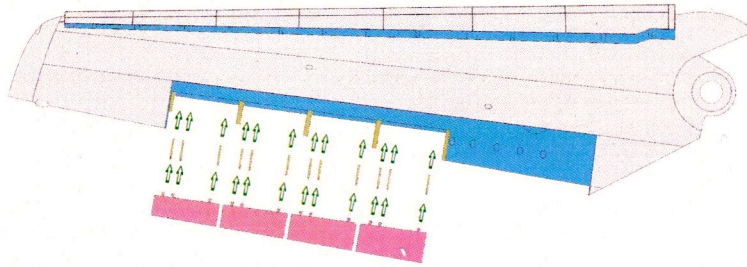


4. Slats

- Compose slat from two PUR parts.
- Adapt 7 slat pistons to required length and glue them under appropriate angle into holes in slat housing (holes without groove above them).

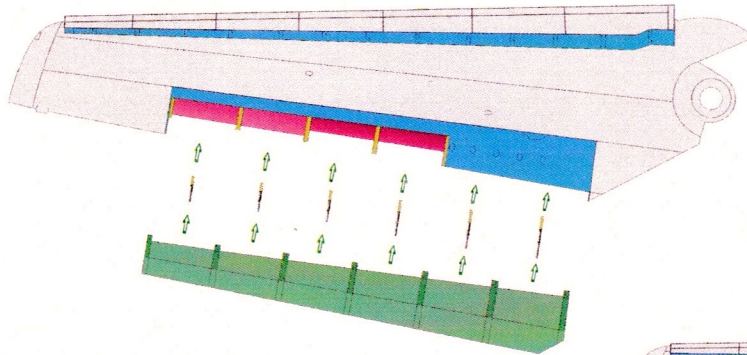
- Place the slat to appropriate position (use pictures of real machine) and fix it with CA glue.





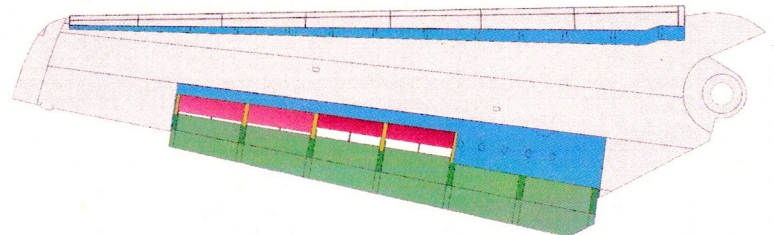
5. Spoilerons

- Deepen 12 holes outlined in flap housing with 1mm drill (holes for spoileron pistons).
- Snap 3 pistons into every spoileron and slip them into drilled holes.
- Settle three small Spoileron wedges into U locks in flap housing and fix it with position with small amount of CA glue. Tilt angle of every spoileron on every wing can differ (use photos of real aircraft).



6. Flaps

- Drill 1.5 mm hole into middle of every central section in flap housing (for flap pistons).
- Adapt 6 flap pistons to required length.
- Gently push H locks in flaps to H ends of the ribs approx. 4mm deep and fix it with small drop of CA glue. Tilt angle of flap is given.
- Insert pistons into holes in flap housing and then the other end into holes in flap and fix it with CA glue.



It's done!