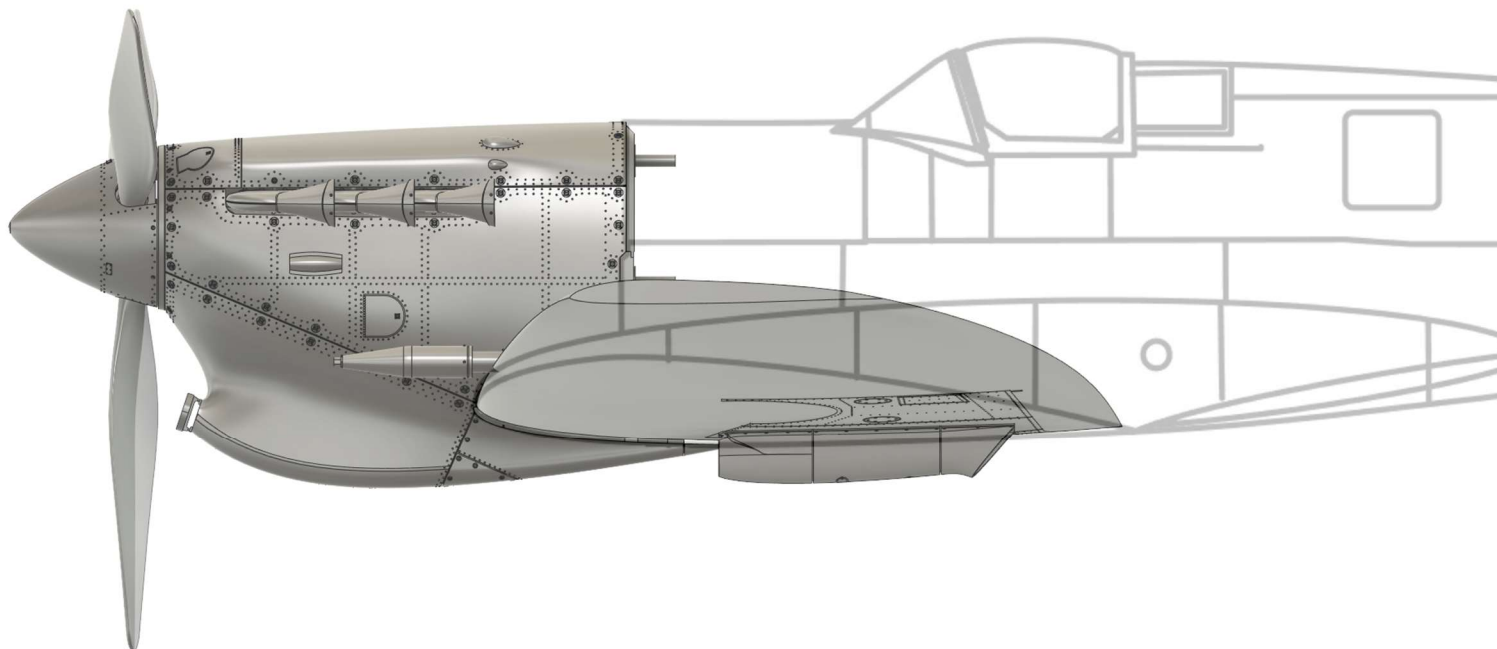


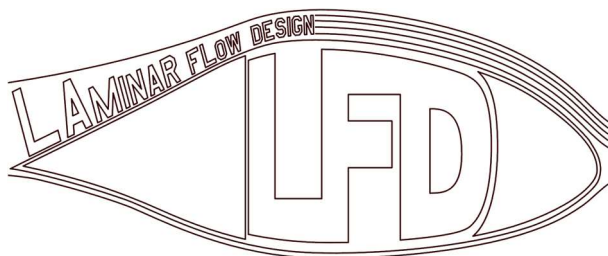
Spitfire Mk Vc Conversion

1/32 Conversion Set for Tamiya Spitfire MkIX

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- Working with 3D printed parts.
 - Removal of the supports: Parts are printed into an enclosed cage that protects them in the different stages of production, transport and storage. Please cut the 4 pillars at their base on the corners and clean up the remaining mesh to access the parts. Then you can remove the parts from their support, starting with the most accessible on the sides and working your way to the center. Work support by support, using razor saw or new scalpel blade.
Avoid snapping the part off its supports as it could damage the part in the process.
 - Outer fuselage surfaces (ie: Sides of the cowling) might need Surfacer and sanding work for optimal result. Please try to avoid filling small rivets in the operation.
 - Avoid to “force fit” parts into assembly. Cured resin is very hard, but will break under pressure.
 - Washing agent residues can remain on some surfaces, fine grid sand to get rid of them
 - Parts Id in these instructions with an added (T) indicate part number from the base set



Spitfire Mk Vc Conversion

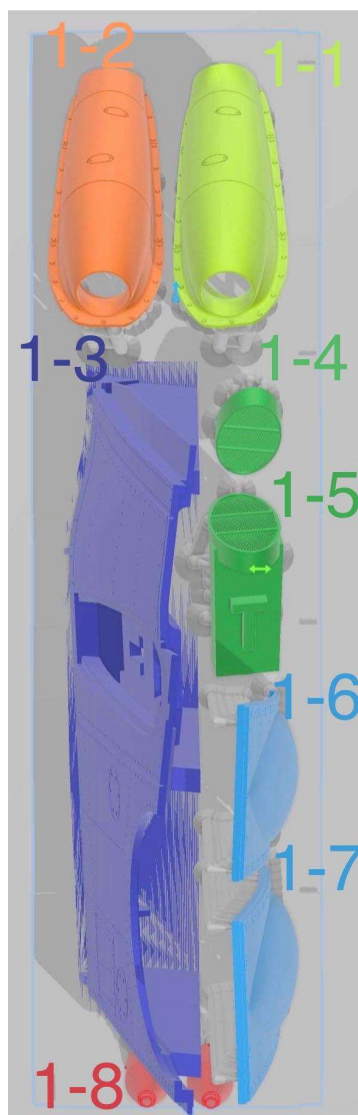
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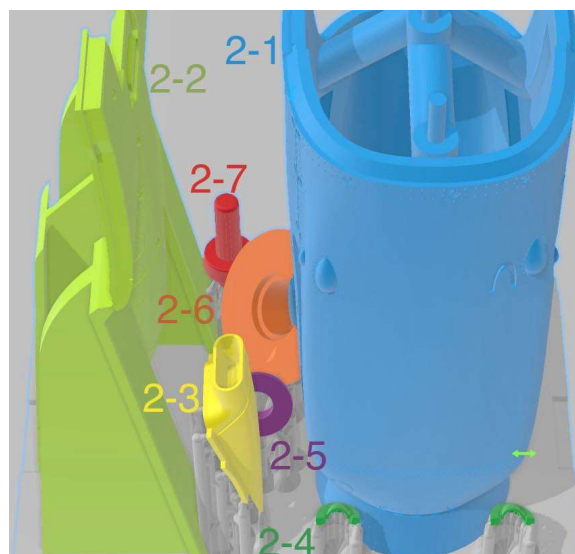
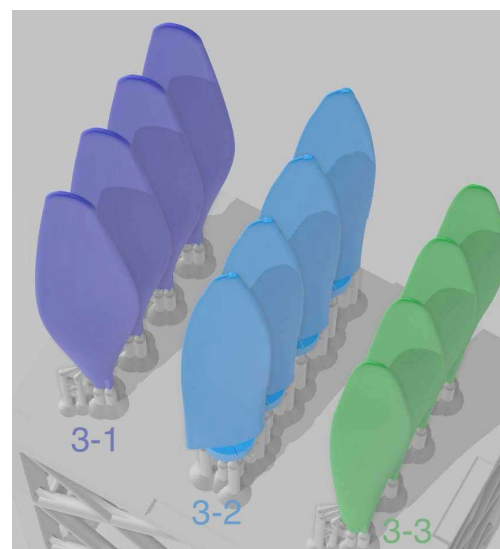
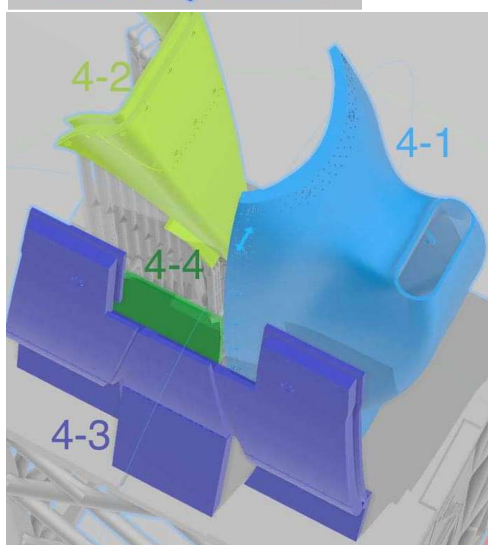
- Cage Layout.



- 1-1: Oil cooler, Trop exhaust
- 1-2: Oil cooler, Straight exhaust
- 1-3: Lower wing Panel
- 1-4: Oil cooler rear grill
- 1-5: Oil cooler body & front grill
- 1-6: Teardrop canon fairing Right
- 1-7: Teardrop canon fairing Left
- 1-8: 20mm outer canons(2x)

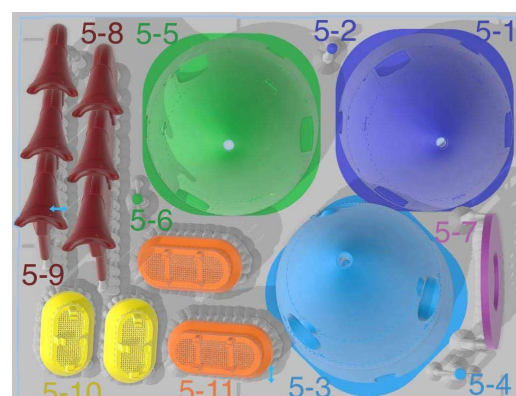
- 2-1: MkV nose unit
- 2-2: Lower cowling & wing insert
- 2-3: Carburetor intake
- 2-4: Air scoop upper cowling (2x)
- 2-5: Front Seal
- 2-6: Front Cap
- 2-7: Axle

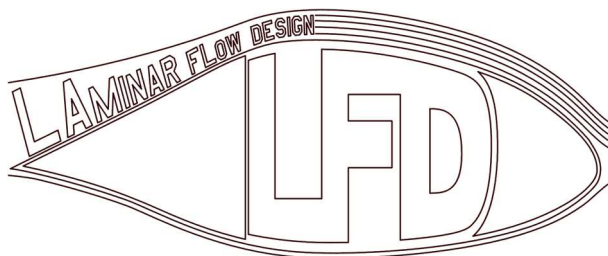
- 3-1: de Havilland Hydromatic Propeller blade (4x)
- 3-2: Rotol Jablo Propeller blade (4x)
- 3-3: de Havilland CS propeller blade (4x)



- 4-1: Vokes Trop Carb intake
- 4-2: Vokes rear fairing
- 4-3: Lower wing insert
- 4-4: Duct

- 5-1: dH Hydromatic Spinner (Long)
- 5-2: dH Hydromatic Spinner cap
- 5-3: Rotol Spinner
- 5-4: Rotol Spinner cap
- 5-5: dH CS Spinner (short)
- 5-6: dH CS Spinner Cap
- 5-7: Spinner Rear Cap (common)
- 5-8: Fishtail Exhaust Left
- 5-9: Fishtail Exhaust Right
- 5-10: Snow guard (Classic carb intake, 2x)
- 5-11: Snow guard (Vokes intake, 2x)





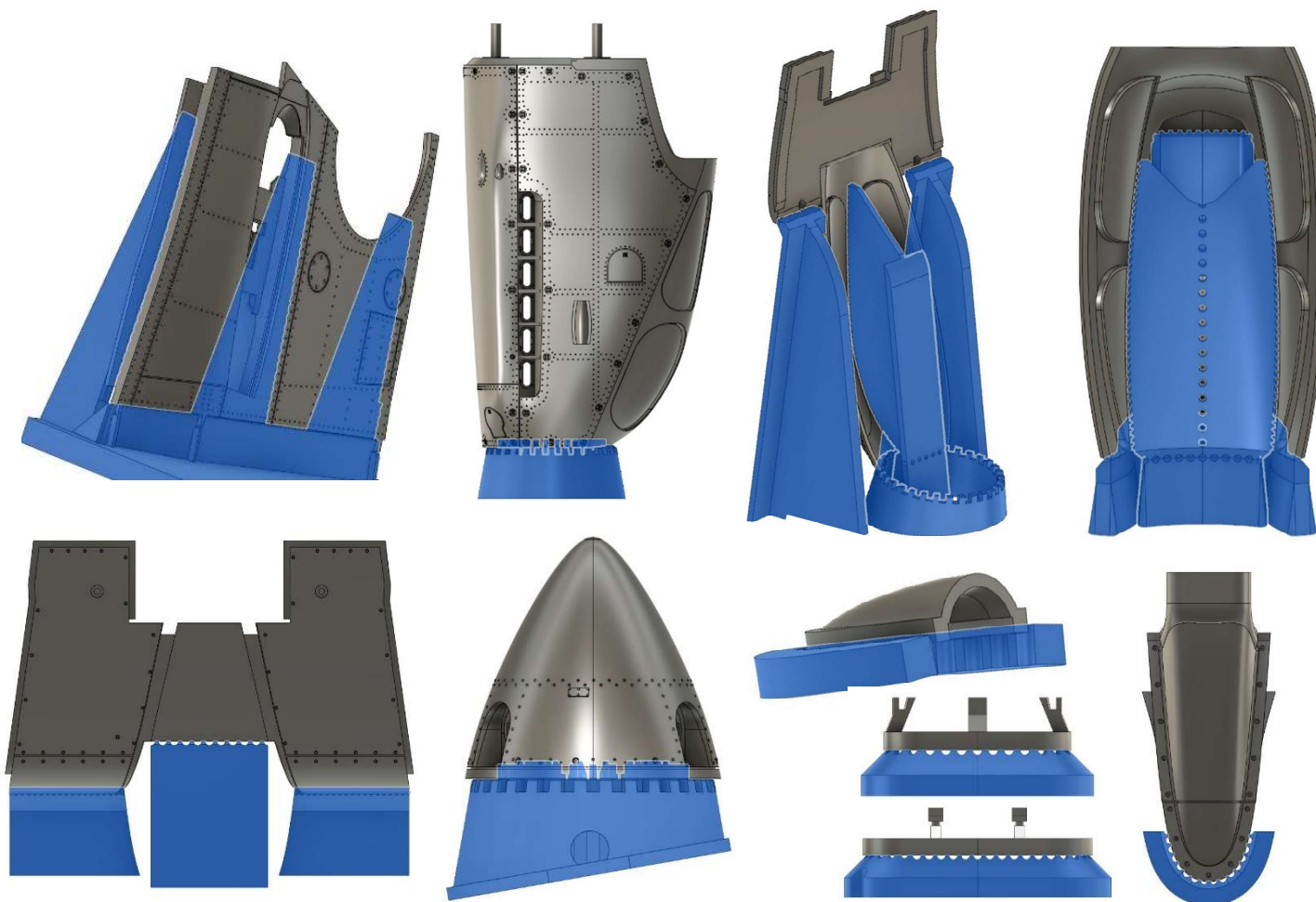
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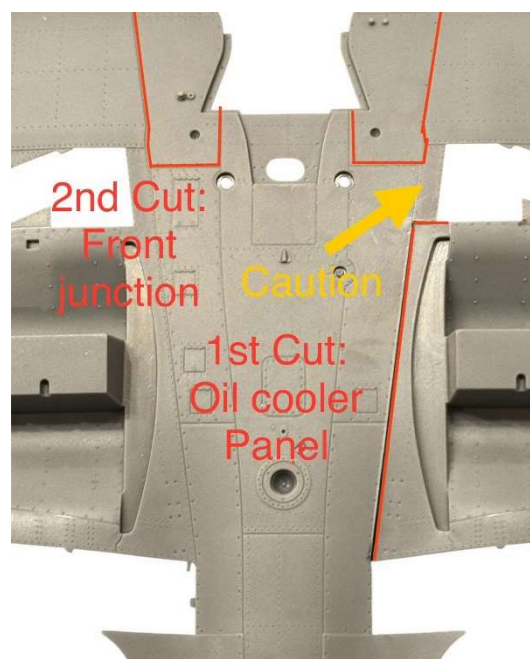


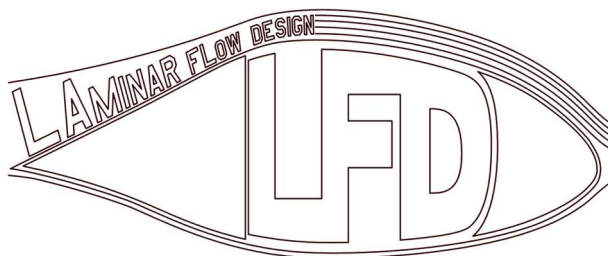
- Custom Supports: Remove blue highlighted areas to clear the parts, sand off the junction ridges.



- Preparation of the plastic parts:
 - o Lower Wing: It is advised to split the work in two sequences. There is only a thin plastic strip maintaining the lower wing integrity if you do all the cuts at the same time (Yellow arrow).
 - Oil cooler panel: Cut along highlighted panel lines. Install part 1-8 in place. Add part BB-14(T) for better structural integrity. Sand smooth inner junction (Red line), restore the junction/panel line once flush.
 - Front Junction: Remove the 2 panels along the lines, immediately after cutting & cleaning the front wing junctions, Fix wing spar Part A10(T) to avoid damage in manipulation.

!! The Lower panel integrated with lower Cowling (part 2-2) is quite fragile at the wing to cowling junction. Preferably use the Vokes lower wing insert (part 4-3) for adjusting and trimming the 1st cut. Use part 2-2 when ready for assembly.





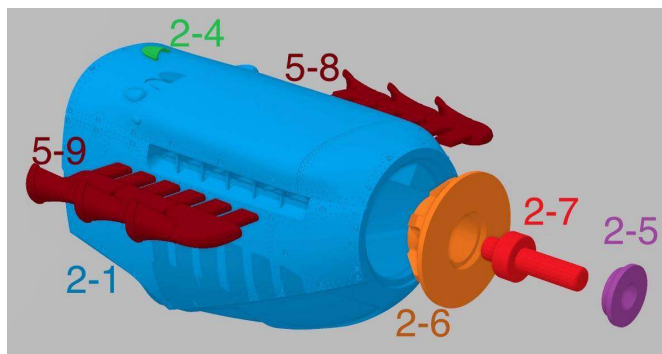
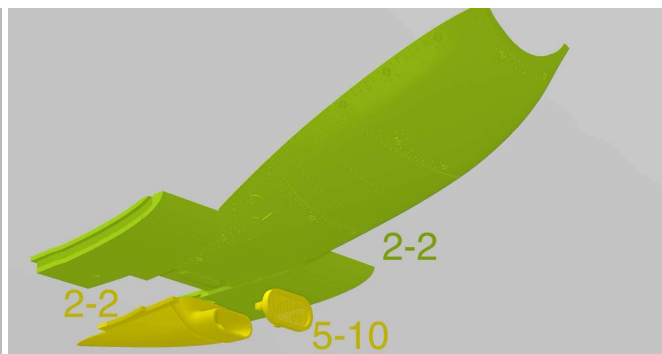
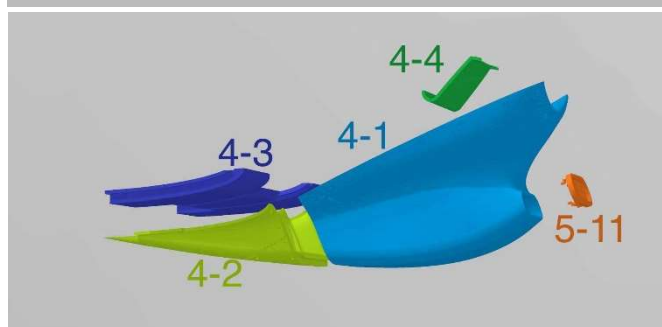
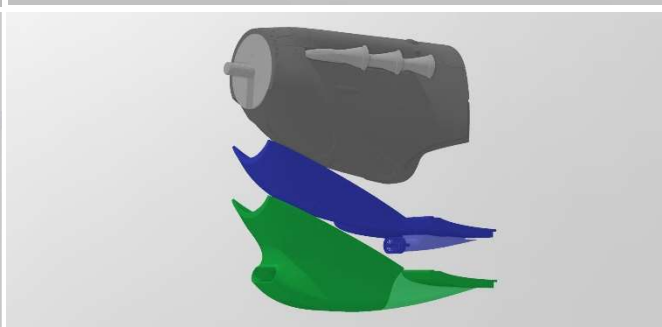
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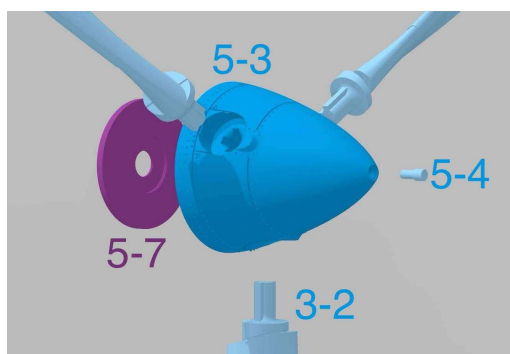
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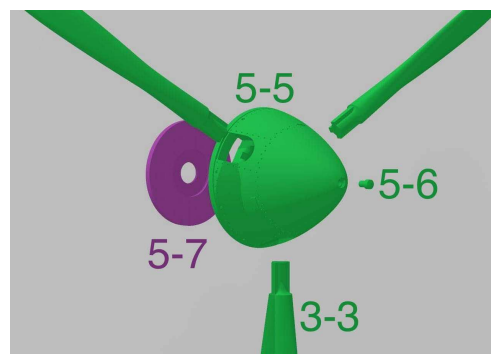
- General Assembly:
 - Nose: Choose between Standard lower cowling & Vokes Tropical Filter.
 - Paint Vokes inner duct before adding 4-4



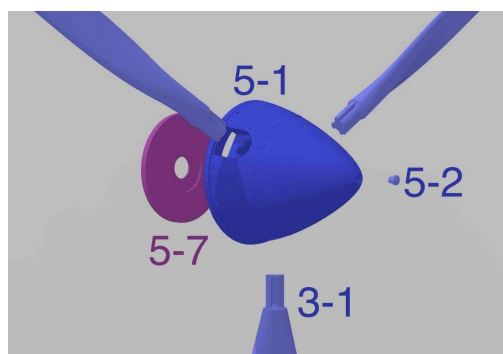
- Spinner: **Add Polycap(T) between Spinner Backplate 5-7 and Spinner (5-5, 5-3, 5-1)**



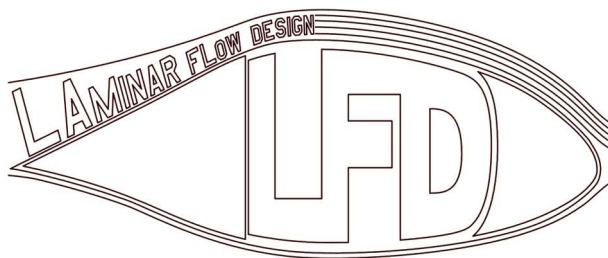
1: Rotol Spinner with Jablo Wooden propeller



2: de Havilland Constand Speed short spinner & propeller



3: de Havilland Hydromatic long spinner & propeller



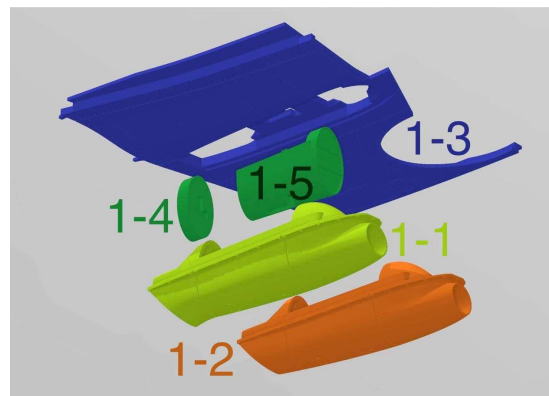
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- Lower wing Panel: Choose between Standard & Tropical Fairing.
 - Part 1-1: Trop exhaust fairing (enlarged)
 - Part 1-2: Standard exhaust fairing



- Upper Wing Panel:
 - Use Part CC3(T) 2x in the inboard canon slot for a 4x 20mm configuration.
 - Open the outboard ammo chute slot in the lower wing panels BB11(T) & BB14(T) if using part 1-8

