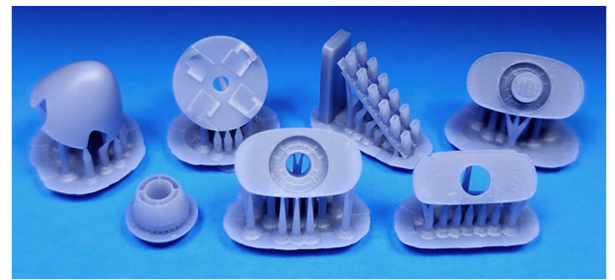




BR72492

Hawker Tempest V Upgrade Set (Airfix)

Designed for the new-tool Airfix 1/72 Tempest V. May be fitted to other kits



Designed by Mike O'Hare. Research by Roy Sutherland

This set was designed specifically for the new tool Airfix 1/72 scale Hawker Tempest Mk V kit. It fixes the oversized DH spinner issue and adds much detail to the chin intake and exhausts. It can be adapted to fit the Heller and Academy kits.

New to using 3D printed parts? Here are some useful tips for working with them.

This set consists solely of parts that were 3D printed. If you are used to working with cast resin parts, be aware that 3D printed parts do not have the same properties, and require a little different handling. You can tell 3D printed parts from Barracuda as they will most likely be gray, whereas our resin parts are cast in yellow tan or clear resin.

3D printed parts are very strong; stronger than injected plastic, but they have one caveat. A sharp jolt (such as dropping them onto a hard floor) may cause parts to fracture. This is not good for models of any kind, so try not to drop parts onto hard surfaces! :-)

Removing parts from their print supports requires a little care. If the supports attach to the thin edge of a part, take care to cut by repeated light passes with a sharp hobby blade or saw until you have cut through the supports, or by sawing through the part carefully. A hobby saw with a photoetched blade is very useful for this. Breaking off the supports may chip an edge off the actual part. Save yourself some time and frustration and remove supports carefully. After that, cleanup is like with any model parts. Files, sandpaper, grinding burrs (I prefer diamond coated ball cutters) in motor tools are all good tools for this task.

Sanding sponges in various fine grits, such as from Tamiya, are excellent for removing the fine stepping from the 3D printing process, if your parts have any. Priming is recommended to check for any stepping or minor surface flaws. Sanding sponges will make quick work of these.

3D printed parts are not made of styrene and plastic cements (in liquid or tube form) will not bond them to each other or to plastic kit parts. Assemble with Cyanoacrylate (CA) glue or epoxy. Always carefully test fit parts first.

Assembly Instructions for This Set

- 1) First job is to select which radiator you will be using; the early style with the ringed shrouds around the central carb intake, or the later forward airbase style with the attached coffee can dust filter. Remove all supports from the parts needed for your chosen version as described above. Test fit the radiator front and rear, making sure the scribe lines are on the same side. See image below. When satisfied, glue front and back together with CA.
- 1) Test fit the assembly into the fuselage halves and adjust if necessary. Note: you will need to slightly reduce the fairing on the kit intake roof (part number A3 as shown). Airbrush radiator faces scale black and drybrush mesh with aluminum. Shroud and front face of dust filter are dull aluminum. Filter element would be a dirty tan color.
- 2) Remove exhausts and spinner parts carefully and cleanup. Assemble the kit prop and new spinner and install as per kit instructions. You can use white glue to install the exhausts, giving you time to adjust the position.

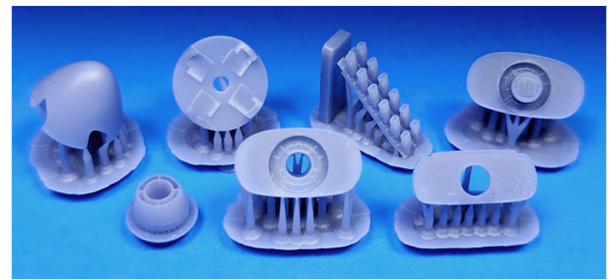
Happy Modelling!



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