

# FALCON ENGINE GRILL

For DeAgostini Kit ISSUES 91 AND 96

**PARA  
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PGX204

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## INTRODUCTION

Thank you for purchasing ParaGrafix's engine grill for the DeAgostini Millennium Falcon kit. This set is easy to install and provides an excellent looking result, even when the kit's lights are turned off.

**IMPORTANT, PLEASE NOTE:** Although the headline for these instructions say "Issues 91 and 96", it really means "ignore issue 91' instructions about mounting the kit supplied diffuser sheet and wait until issue 96 to install this photoetch set". Adding the photoetch and backlight film during the steps of issue 91 will subject these delicate parts to unnecessary potential for damage.

## Materials

In addition to the photoetch, you will also need scissors or a knife\* to remove individual pieces from the main fret, a file to remove material left from cutting, and super glue (aka CA or cyanoacrylate).

\* We prefer a #17 Xacto chisel blade.

## Lighting Options

For best results, we suggest using Micro Kristal Klear from Microscale Industries ([www.microscale.com](http://www.microscale.com)) or Window Maker and Clear Parts adhesive from Testors ([www.testors.com](http://www.testors.com)) to attach the backlight films to the kit.

## Key

Kit part (plastic): **1**

Photoetched part: **1**

Back-Light Film: **A**

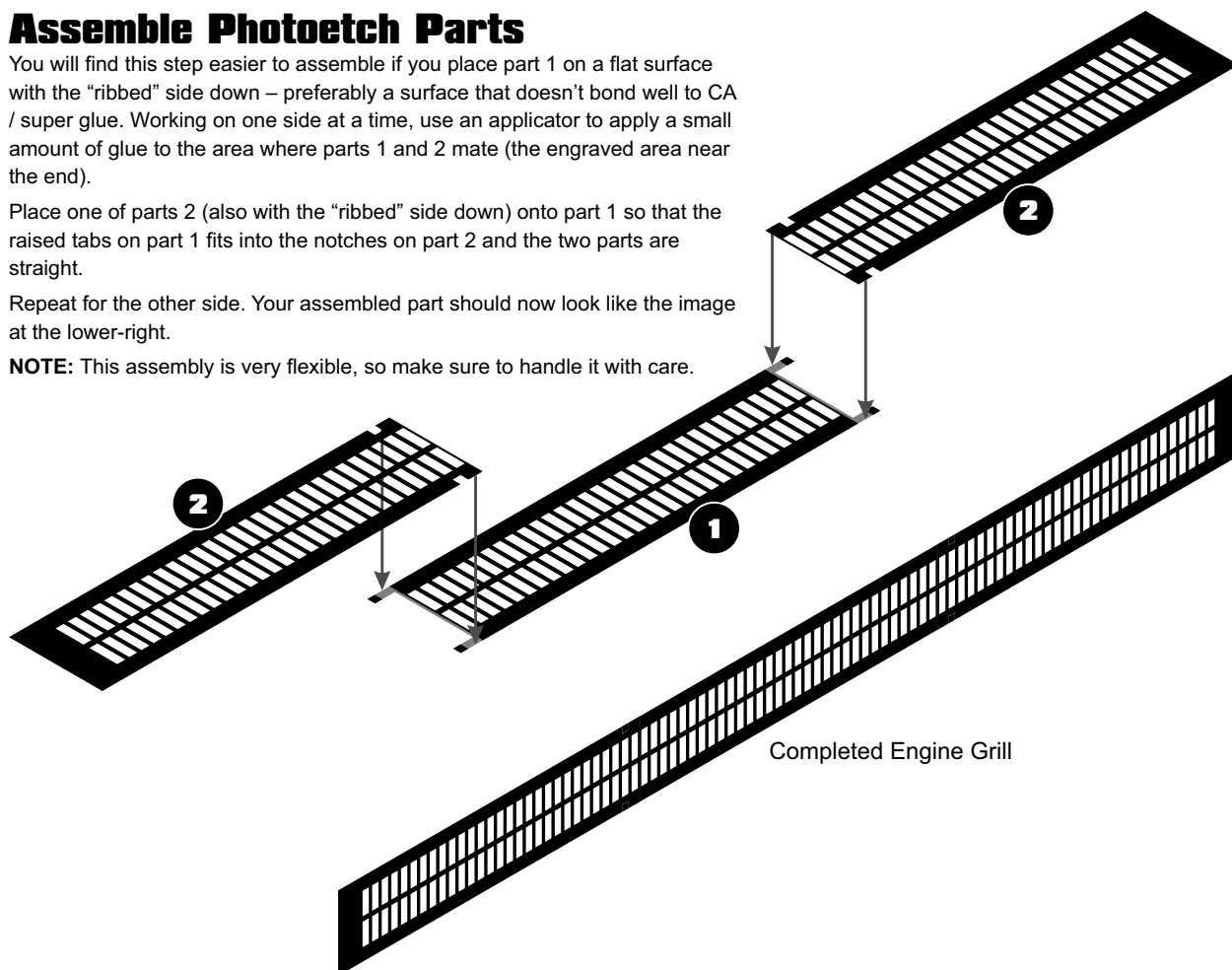
## Assemble Photoetch Parts

You will find this step easier to assemble if you place part 1 on a flat surface with the "ribbed" side down – preferably a surface that doesn't bond well to CA / super glue. Working on one side at a time, use an applicator to apply a small amount of glue to the area where parts 1 and 2 mate (the engraved area near the end).

Place one of parts 2 (also with the "ribbed" side down) onto part 1 so that the raised tabs on part 1 fits into the notches on part 2 and the two parts are straight.

Repeat for the other side. Your assembled part should now look like the image at the lower-right.

**NOTE:** This assembly is very flexible, so make sure to handle it with care.



TRIM TO 8" WIDE

## Mount Photoetch and Backlight Film

This is a two-step process. First, the photoetch will be installed, and then the film behind it.

**TIP:** Practice this procedure before applying any adhesive.

### Photoetch

Attach the photoetch assembly to the lower hull, securing it to the lip with super glue (CA) or epoxy. Shim photoetch in place using 0.08" stock or other material so that it fits snugly against the lip until the adhesive sets.

**TIP:** Although the photoetch is intended to be mounted with the smooth side facing out, you can add a bit more detail by placing the grooved side out.

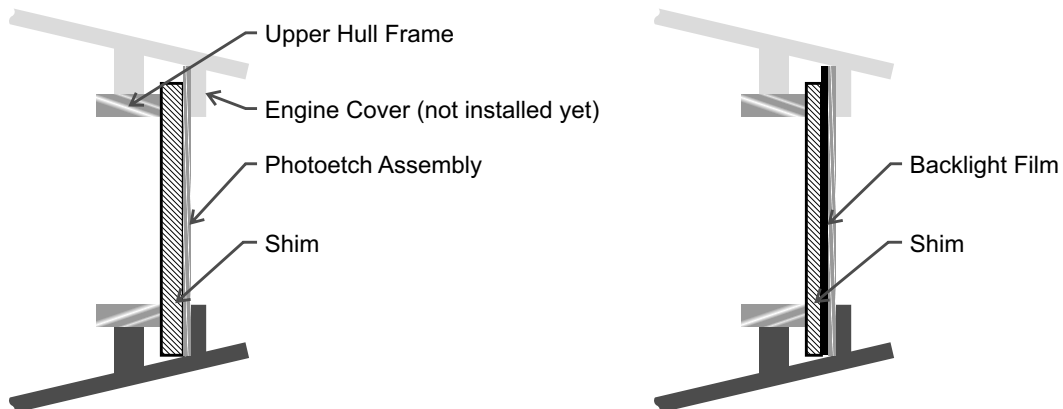
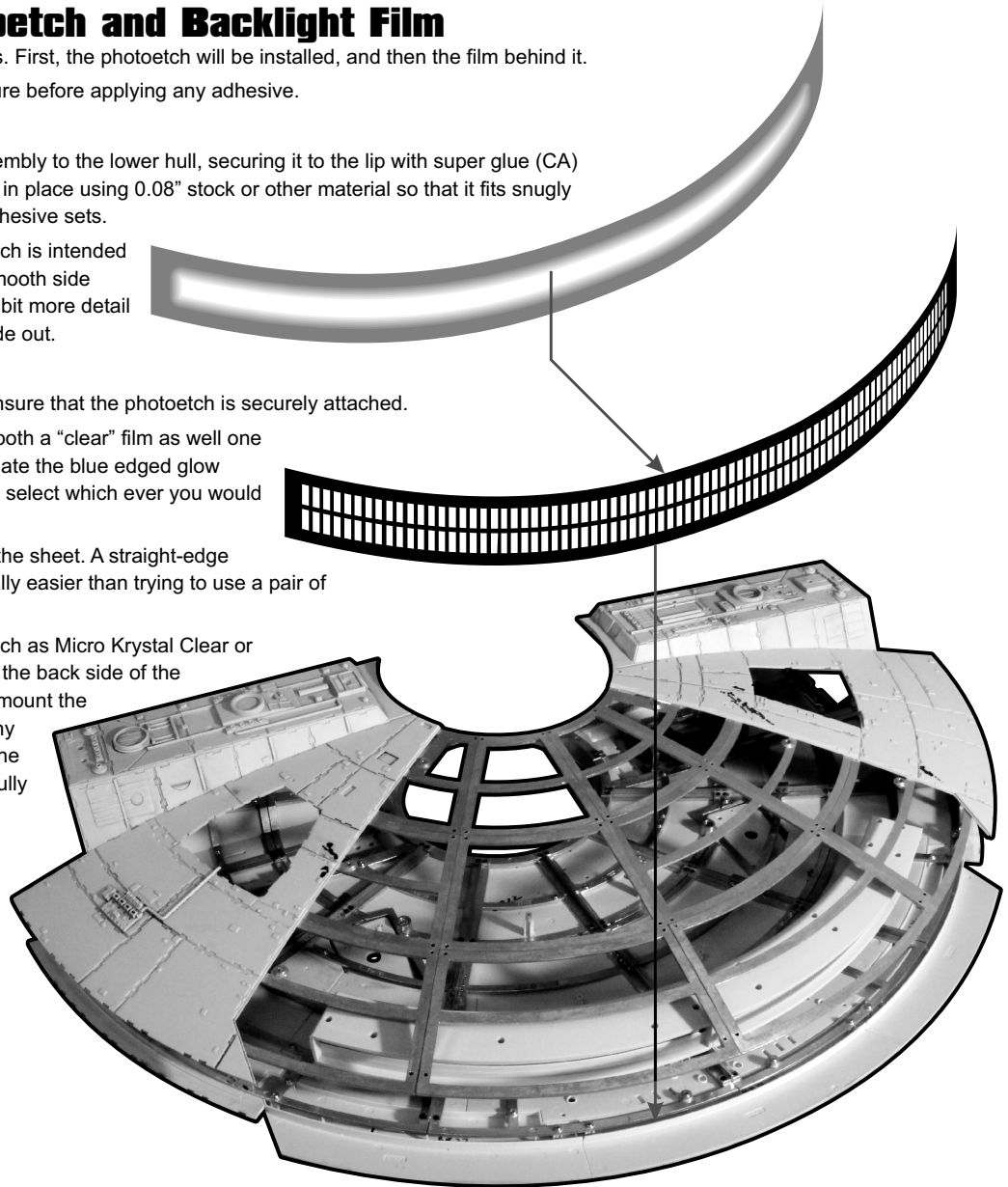
### Backlight Film

Remove the shims and ensure that the photoetch is securely attached.

**NOTE:** This set includes both a "clear" film as well one with a gradient fill to simulate the blue edged glow sometimes seen. You can select which ever you would like.

Cut the desired film from the sheet. A straight-edge and hobby knife is generally easier than trying to use a pair of scissors.

Apply a clear adhesive such as Micro Krystal Clear or Testors Window Maker to the back side of the photoetch, then carefully mount the backlight film with the shiny side facing out. Replace the shims until the adhesive fully cures, then remove them.



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Many thanks to Iain "Small Scale Futures" Costall for sending us the kit lighting diffuser film to aid our design of this set.