

# TETRYON PARTS

## Enhanced Dorsal Piece for AMT/ERTL 1:1400 Galaxy Class



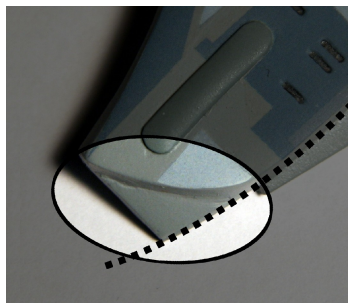
### Preparing the Replacement Part

Resin parts should always be carefully washed with soap to remove mold release agents. A light sanding will help paint adhere to the plastic.

### Preparing the Model

The replacement neck is provided as a cut-and-replace portion of the Galaxy Class rear neck piece. This allows the weight of the saucer to be supported by the kit's stronger polystyrene plastic.

To cut the correct section out of the rear neck piece (kit part #3), cut in the groove along the top of the piece (dotted line). Note that the line continues straight at the sides, where the edge otherwise turns downward



(circled). Test-fit the replacement part against the altered neck piece, and adjust the cut as needed.

While the model is molded with sub-optimal raised pattern lines

("aztec pattern"), the replacement part has a smooth finish. The modeler may wish to remove the raised pattern throughout the surface of the model.

### Applying Replacement Part

The new part should be attached to the head of the neck along the cut using cyanoacrylate glue or epoxy. Polystyrene cement will not work with polyurethane resin.

A 2.5mm-by-0.5mm polystyrene strip (Evergreen 125) should be added, extending from the detail below the engine, along the spine of the secondary hull. Fill and sand any remaining gaps.

### Lighting (clear part only)

The recommended way to light the impulse engine is to apply a strip of polystyrene over the molded light box. This strip can be drilled to hold red LEDs, and light blocked as required.

A simpler alternative is to paint the engine with clear red paint and allow it to catch the ambient internal light from the window light sources.

Use the template below to create a fitted impulse engine mask to use during painting. Unwanted light leaks can be prevented by applying black paint to unlit areas from the inside.

### Painting

The part should be painted to match the rest of the model. Recent re-releases of the model contain aztec pattern decals that simulate the paint design in *Star Trek: Generations*. The optional replacement pattern decal is provided to align with the details of the replacement part. To best match the appearance of the kit decals, the included mask should be transferred to frisket film and the shaded areas painted white.

An alternative decal design that matches the freely-available aztec pattern designed by Carlos Zangrando is available for download from [tetryon.ca](http://tetryon.ca).

Apply the included engine decal if a *Star Trek: Generations* impulse engine pattern is desired.



Engine Mask