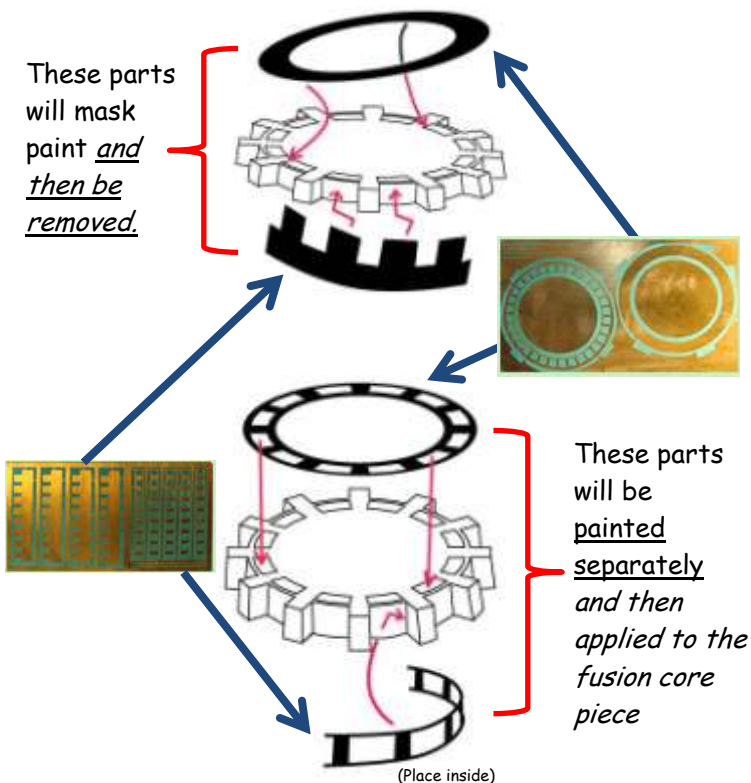
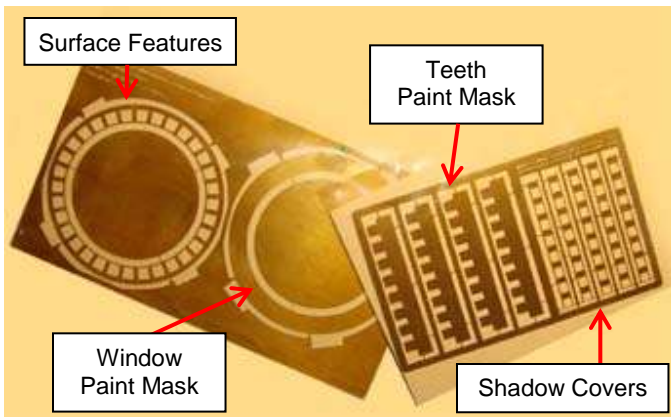


Your 12" Fusion Core Enhancement Kit includes:



This illustration simplifies the fusion core for clarity. The real one has 32 vanes and window shapes.

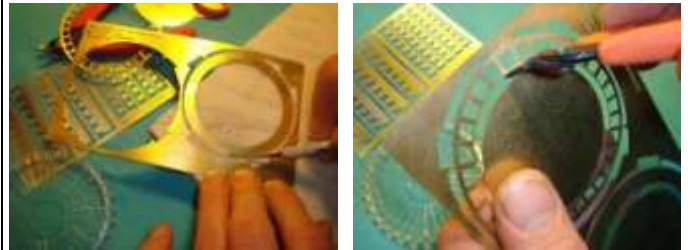


Use this kit to get an easy perfect painted finish on the 12" Jupiter 2 Fusion Core

### Working With Etched Brass Parts

(It's easier than you think.)

**General:** Brass this thin — .003" — can be cut like paper and it can also be crumpled. You have several bends before it snaps, just like a paperclip. Handle it gently and as little as possible. If you bend it, gently bend it half-way back and trust to the glue to flatten it when applied. Try not to drop any pieces to the floor. As a precaution, tape loose parts down with low-tack tape applied to a corner.



**Cutting:** Cut parts out (gently remove the frets) with a pair of fine-point flush nippers, small scissors, or even a good nail clipper. If you use a rounded or chisel hobby blade (like X-Acto #22 or #18 blades which fit in their larger #2 handle) you must work against something hard and unyielding like a thick piece of glass, a polished flat stone or a piece of metal. Take care. The cut metal is quite sharp.

**USE EYE PROTECTION.**



**Painting:** Tape down some low-tack tape, sticky side up, on your work surface. Affix a part of the brass piece you're painting to the sticky side of the low-tack tape. Affixing only a part of the brass piece will allow you to gently peel off the piece when you're done priming or painting. Prime both sides then paint one side. Use automotive primers which are designed to dry in 15 minutes.





**Sanding:** Sand gently with fine grit sanding sticks or sand paper. For round interior edges wrap fine grit sandpaper around a Dowel or 35mm film Canister. See left photo.

**Gluing:** It is best to use Micro-Scale's Kristal Klear or Plaid's Mod Podge. Both dry clear. Normally, brass-to-brass or brass-to-plastic gluing is done with gap-filling cyanoacrylic "super glues." But cyano can "fog" clear plastics.




**Troubleshooting:** In the awful event that your brass gets a kink or a bend, roll it between the aluminum handle of a hobby knife and something very flat and hard.

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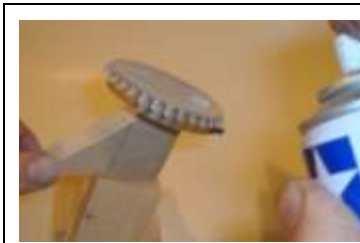



**Apply the Paint Masks**

			
<p>Apply rubber cement to both pieces to temporarily hold the paint mask down. Remove stray cement from any surface you don't want masked. You can spot/tack one section and wiggle the mask into place—gently.</p>		<p>Gently insert the “teeth” paint mask into the window shapes. Slowly and gently wrap the brass around and into place. <i>The fit is so good you don't need to use glue.</i> Attach the ends with a narrow piece of sticky masking tape.</p>	

**Additional Paint Preparations**

 <p>Apply low-tack tape to the interior to prevent over-spray</p>	<p>Consider how you're going to hold the piece when you apply the paint. For this fusion core piece I used a rigorous home made paint stand and attached it to the core with Photographer's Type 285 Black Masking tape rolled inside out.</p>		 <p>Place the other parts on your painting work surface. Secure with reversed low tack tape</p>
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**Prime and Paint**

			
<p>Prime and paint the core from above and below. Prime and paint the window shapes and shadow covers at the same time. I used Mr. Surfacer from a spray can. Optionally you can add a black primer on top of that. For the paint I used Rustoleum Metallic Finish straight from the can. It has that “space metal” aluminum look of TV's Jupiter 2.</p>			



**Strip Off the Masks, Peel Off the Tape**



**Apply the Primed & Painted Surface Feature**


<p>I recommend Micro Kristal Klear Glue</p>

**Apply the Primed & Painted Shadow Covers**

	
<p>The primed and painted shadow covers for the interior light baffles make your lighting look super-realistic. Align one and the rest will follow. Beware of the 4 half-round mounting pegs. You will need to remove them to fit on the hull. Test fit and cut before installing.</p>	