

# Avanti in Miniature

## BRASS AVANTI UPDATE

### More progress and assembly in Switzerland

By Roger Zimmermann  
Special to Avanti Magazine

Summertime was not the great season for the model. I had some work to perform on my Cadillacs; presently, I'm replacing the engine wiring from my '57 Brougham. It's a job which is quite intensive!

Anyway, some progress was done on the model. Photos in *Avanti Magazine* Issue 147 show the body alone freshly painted. In that almost empty body shell, I could accomplish the final assembly for the headliner, cement the leather on the shelf panel behind the rear seat, install the side quarter trim panels and rear seat, the carpet – it's made with velvet or velour – and some chrome.

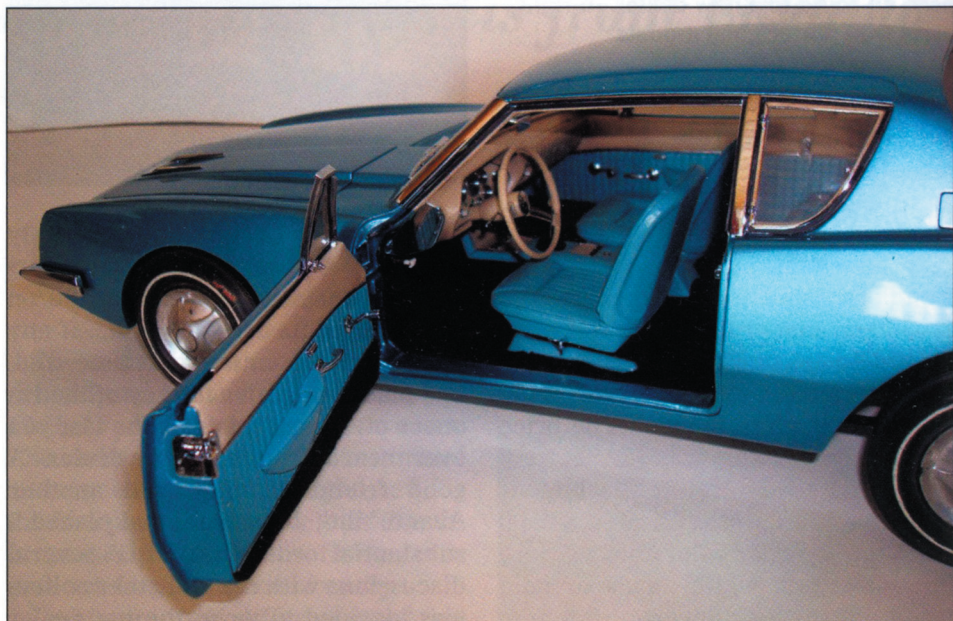
To install the dashboard assembly, I had first to install the windshield and its moldings, as the wipers are assembled to the body with a nut from the inside of the car. (*Just like on a real Avanti – Editor*).

The first two pictures are showing the way I let cure the cement agent for the moldings.

It was then time to assemble the body to the frame. Due to space problems, the radiator with its shroud had to first be assembled on the body. Therefore, the engine fan is to be installed later, so it was removed.

I had to be careful with the routing of the hand brake cable; the installation of the body went without trouble. But I had the fan to install and I discovered my error – I could not install it! Either the pulley was in the way or the shroud. How to do it?

Then I remembered my "tactic" imagined years ago – the fan is to be put loosely into the shroud, and then the body was to come down on the frame and at this moment the fan can be screwed into the engine. Effectively, after removing the body again from the frame, it worked that way.



Fortunately, except for some minor scratches on the upper pulley, there is no trace of this incident.

I could also assemble the hand

Nearly complete, interior and exterior of 1/12th scale Avanti reproduce nearly exactly, the real automobile. Still to come are redesigned tires and wheel covers.



# Avanti in Miniature

brake cable to its lever, the gas pedal lever; put all the screws maintaining the body to the frame with the exception of two – the ones fixing the radiator cradle to the frame.

After that, the way was free to install the bumpers. The rear one was installed without difficulties with four screws (okay, the real one has more) – then it was the time to mount the front bumper.

Just six screws, I thought it would be quickly installed! It was not. When I constructed the front bumper, I did also the assembly to the frame, but it was WITHOUT the radiator! Suddenly this element was adding a lot of difficulties and necessitates the fabrication of special wrenches. I don't know the time required to install a real front bumper; mine took the whole afternoon! (*Many take an entire day to install the front bumper on a real Avanti – Editor*).

To complete the car, I have the following elements to finish and install: front headlamp covers, front lenses for the indicator lamps, side windows and door trim and the rear window.

Then the model will be ready. Really ready? not quite. The first element I wanted to improve, the wheel covers, are not yet designed! I will do new wheels and tires and, I hope, and wheel covers matching the real ones.

Still more things to report!

The scale is 1:12.

Length is 405 mm (15.95"), width 150 mm (5.9") and height 115 mm (4.53"). Its weight is now 1.8 kg (about 4 pounds).

If you divide the dimensions from a real Avanti by 12, you will notice some discrepancies.

That's life!

So many details would be for me impossible to do at 1:24.

**Roger Zimmermann  
photos**

