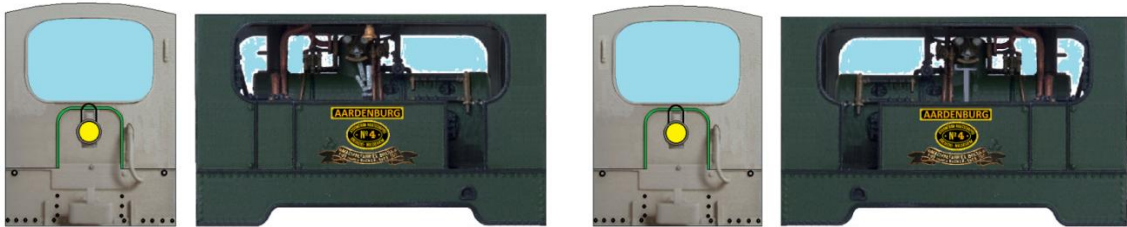


SBM steam tram loco Aardenburg № 4 (Jan van Mourik)

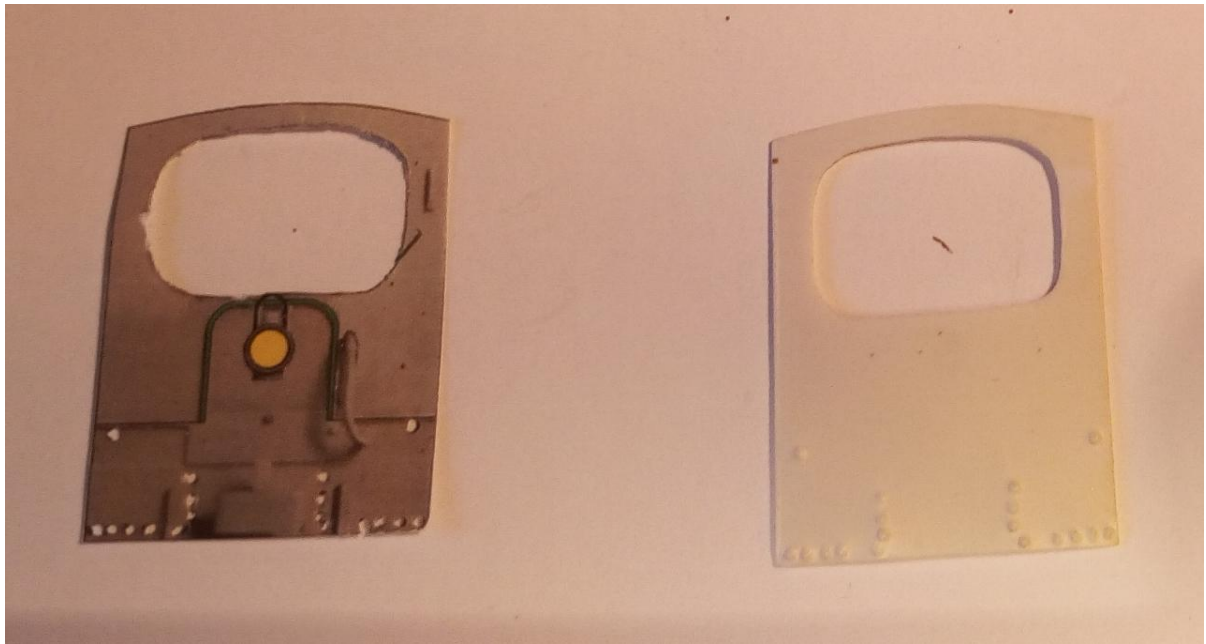
For my new project, a model of the harbour at Sluis in the extreme south of our country, I built an interpretation of a Backer & Rueb steam tram loco on 9mm gauge. The prototype is no. 4 Aardenburg of the Breskens-Maldegem steam tramway, which crosses the Belgian border.

The drawing below was created of photos made to size on the computer and printed out as paper templates.

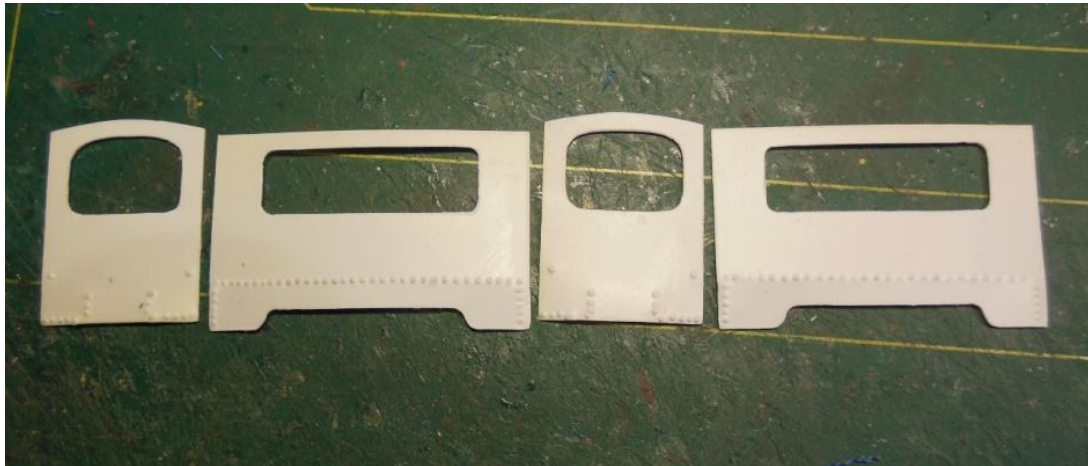


Paper template for Backer & Rueb tram loco no. 4 Aardenburg

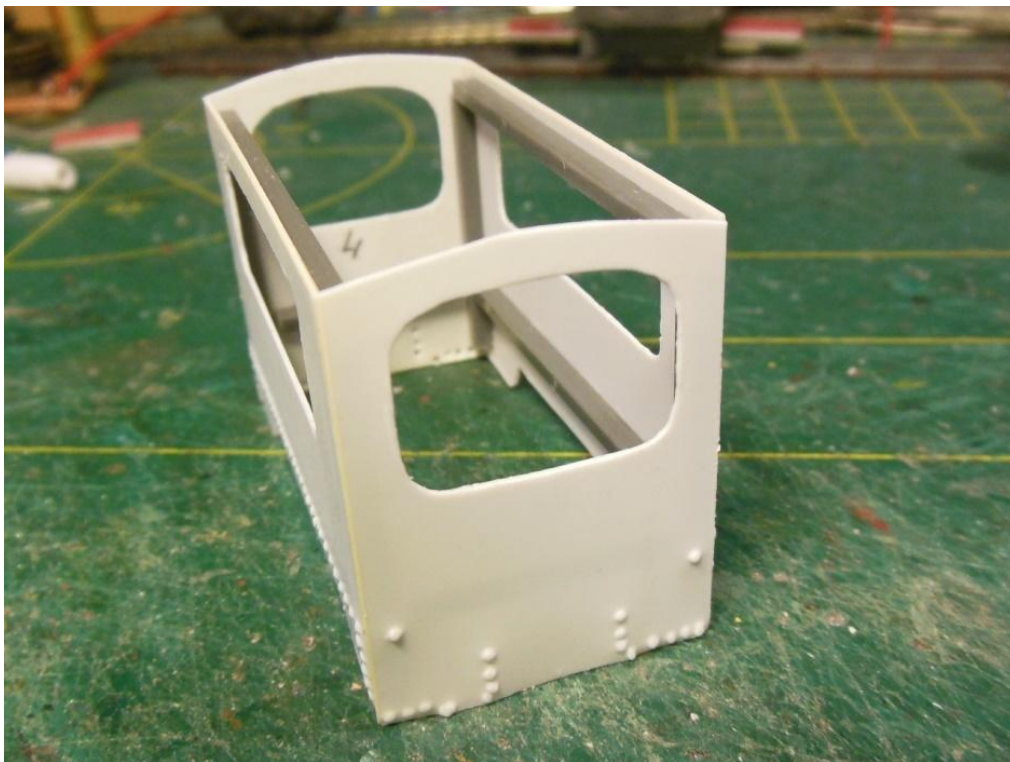
The length of the side walls is adapted to the chassis of the donor locomotive, a Fleischmann 7000. The walls were cut out of 0.25mm Evergreen styrene sheet, using the paper template as an example.



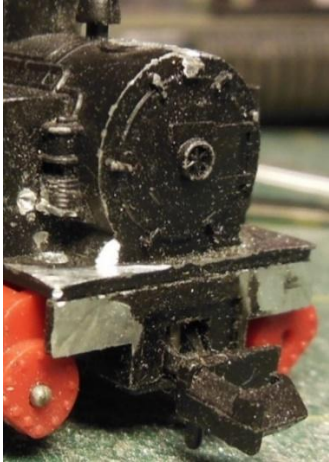
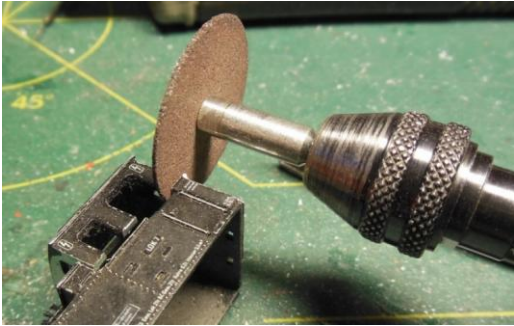
The rivets were embossed from the rear, using a pencil line to ensure they are in a straight line.



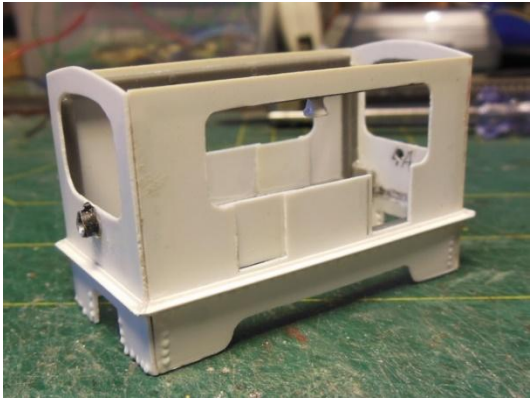
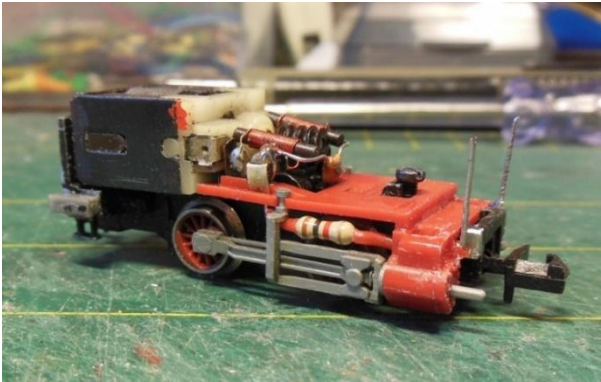
To prevent warping, the rear of the walls is strengthened using plastic square section strip, which is also used as a help to ensure the body will be straight. The steps and doors in the sides will be added later.

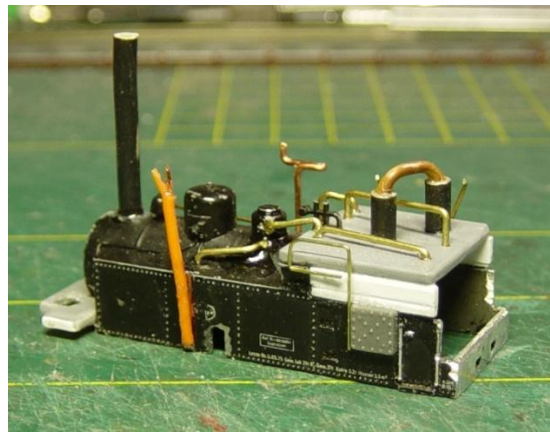
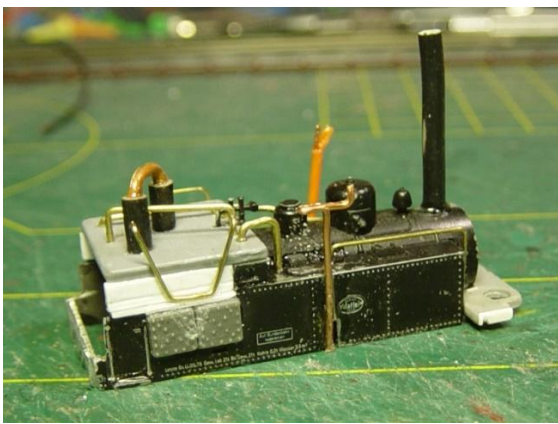
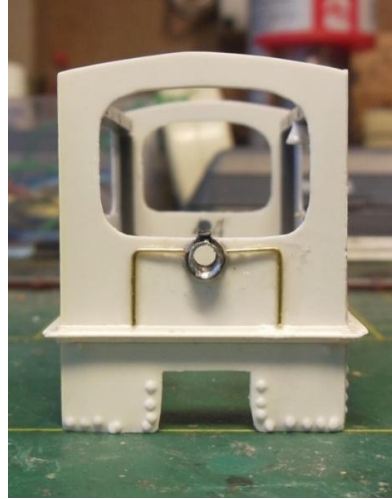
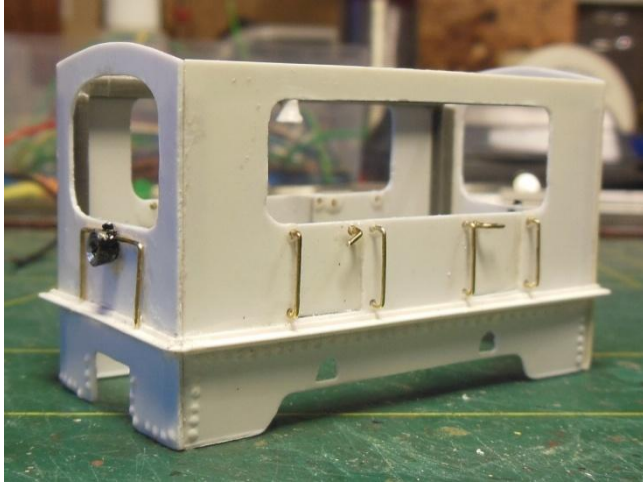


The donor chassis comes from the Fleischmann 7000 N gauge loco. The body shell is modified by cutting off the cab and sundry details.

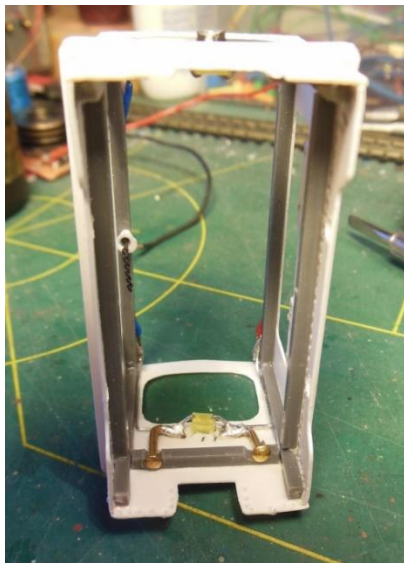


Wiring for the headlights, note the resistor:

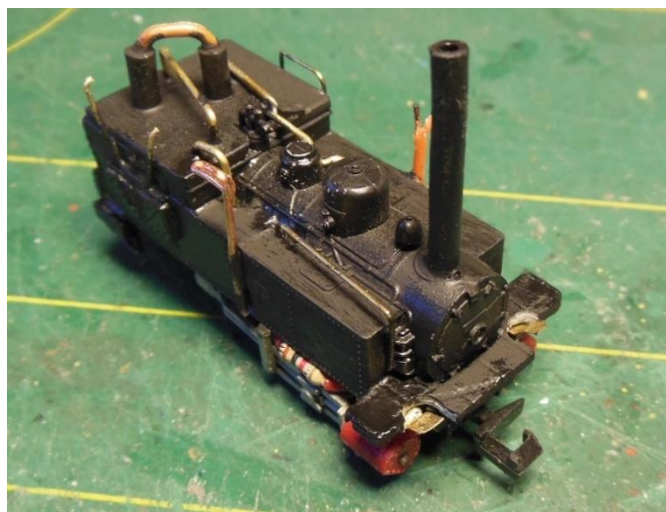




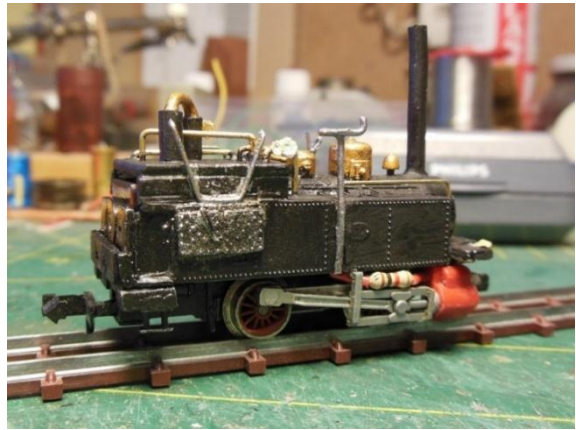
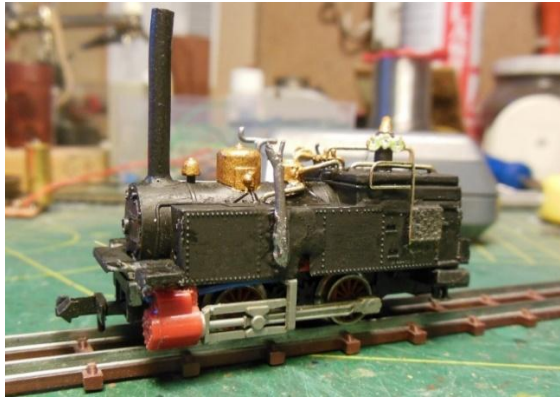
The modified body is fitted to the chassis with the original screw, which is inserted from the bottom. The LEDs were fitted into the plastic body - the circuit is connected with the chassis using studs made from brass pins and contact pads on the chassis.



Wiring for the LEDs - note two brass pins.



Contact pads on the chassis



Completing interior detail



Detailing the roof - note the condensor pipe: the exhaust was led through a condensor to prevent the issue of steam as the tram travelled through the road in the villages it passed through.

