

1/35 German Ssys Schwerer Plattformwagen



contains 1 highly detailed and accurate model

221 resin parts
350 PE parts
+ plastic parts and wires needed for assembly
decals for 3 wagons

glue and paints not included
suitable only for advanced modellers
keep safety rules for work with resin

instructions and references on CD



No.35113
WWW.LZmodels.com

Made in EU

Keep safety rules when working with resin.

For safety reasons, and due to the complexity of construction, this kit is recommended only for advanced modellers.

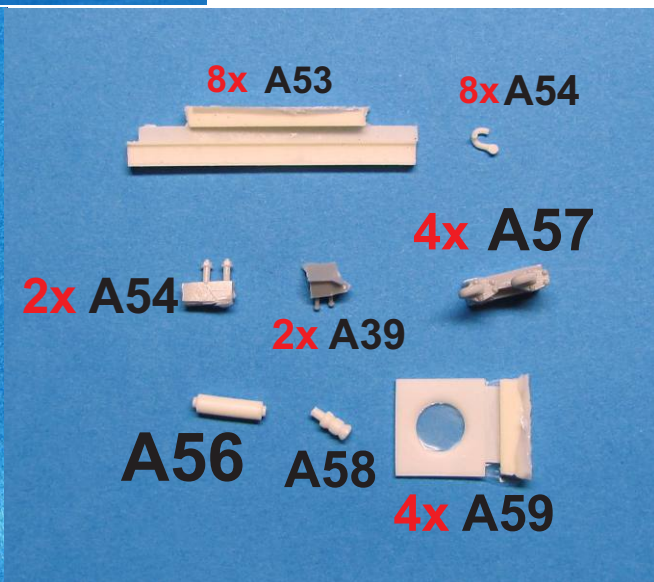
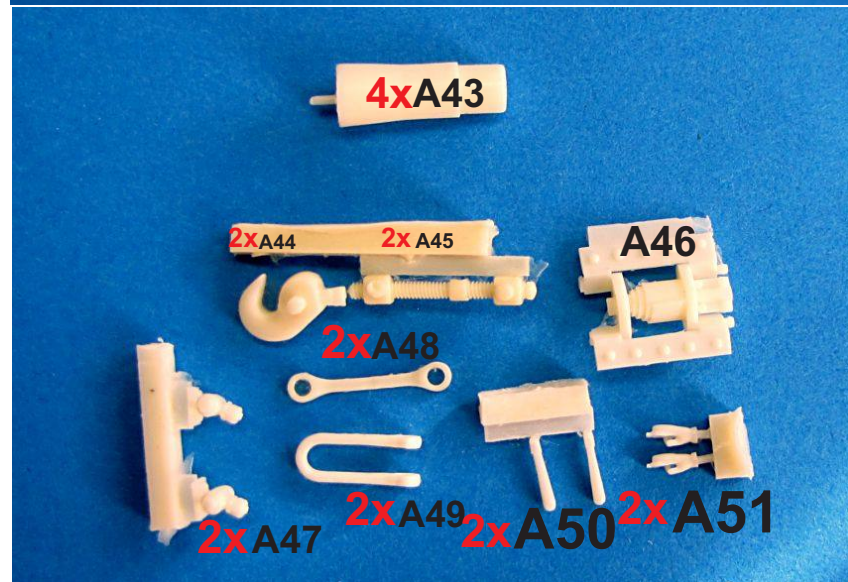
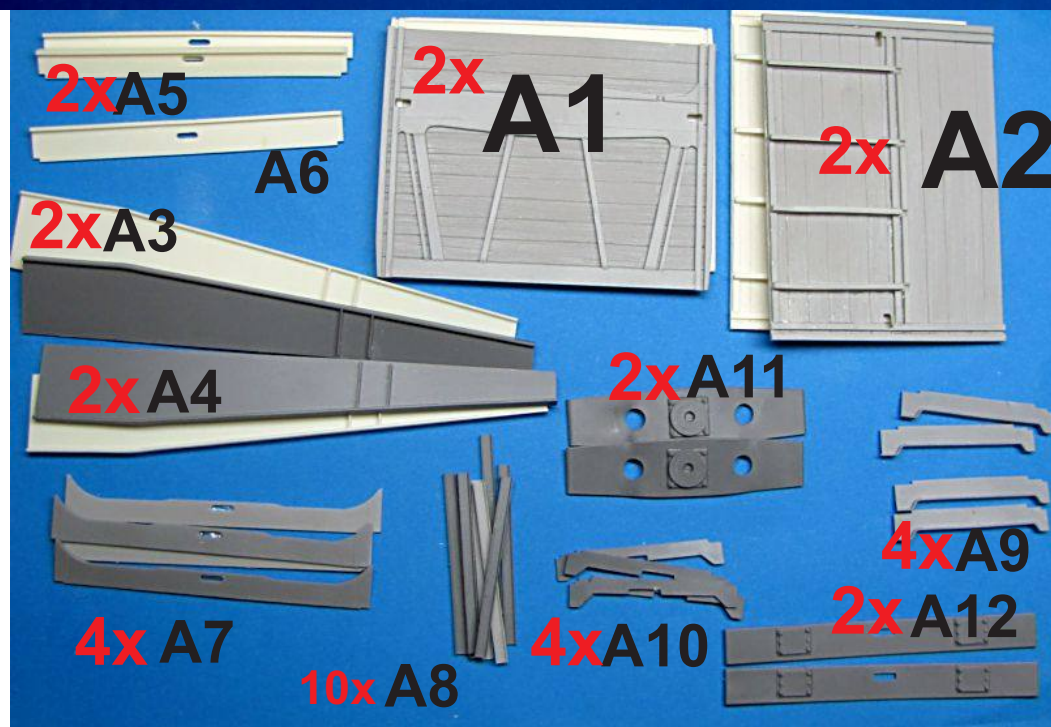
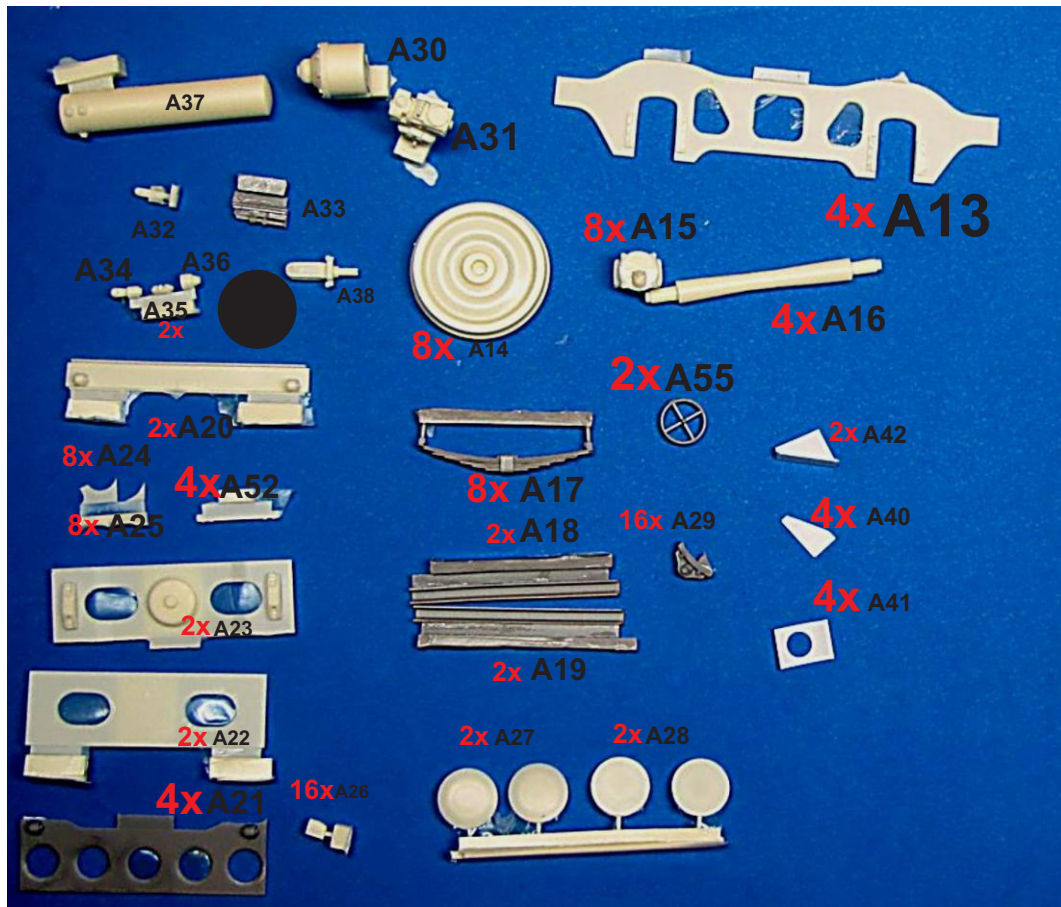
The kit contains small parts, keep it out of the reach of children.

Glue and paints not included

Contains 221 resin parts, 350 PE parts and plastic parts and wires needed for assembly

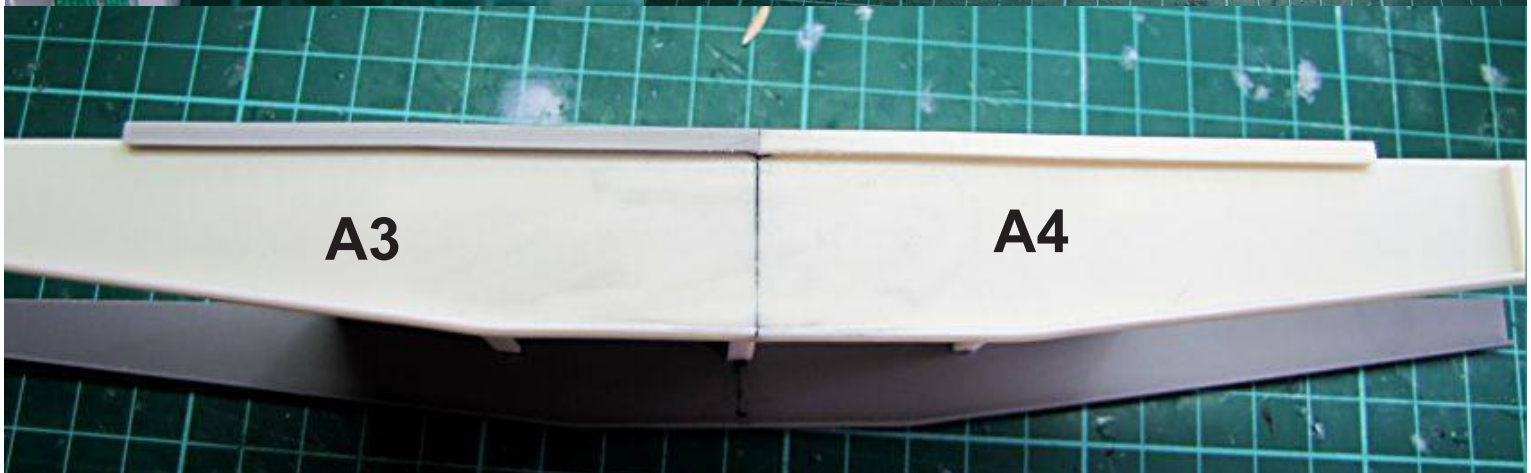
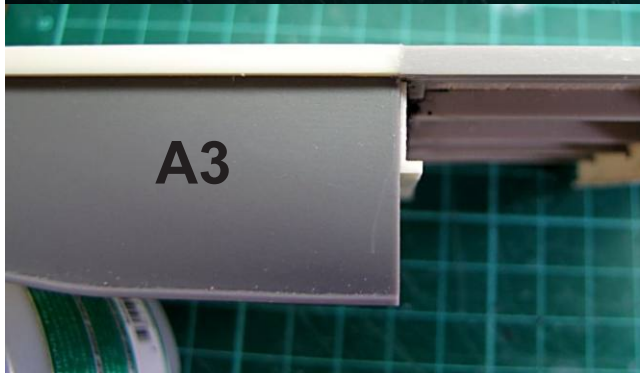
One of three SSy variants of 50t famous heavy flatcars manufactured in Köln, and used by the Deutsche Reichsbahn to transport armored fighting vehicles such Panthers and other heavy armor throughout Europe for the German Wehrmacht during the WWII

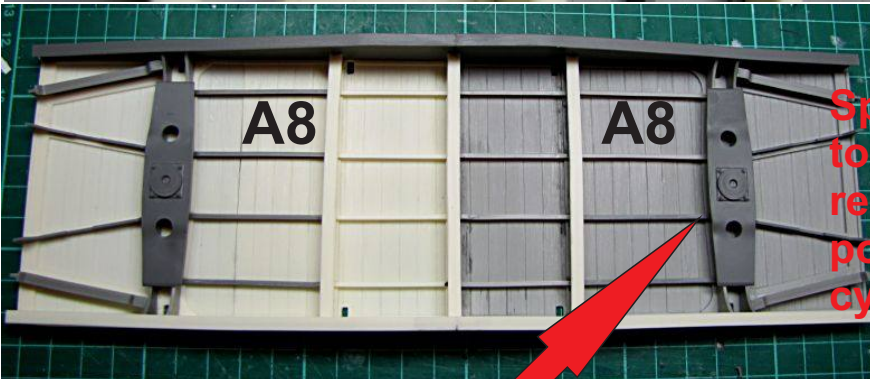
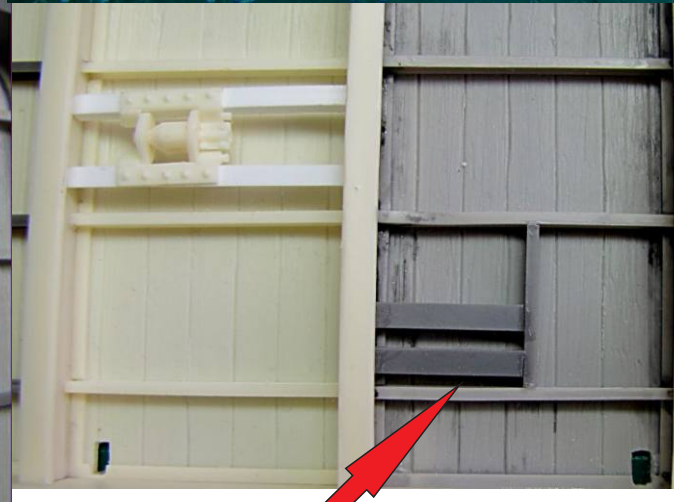
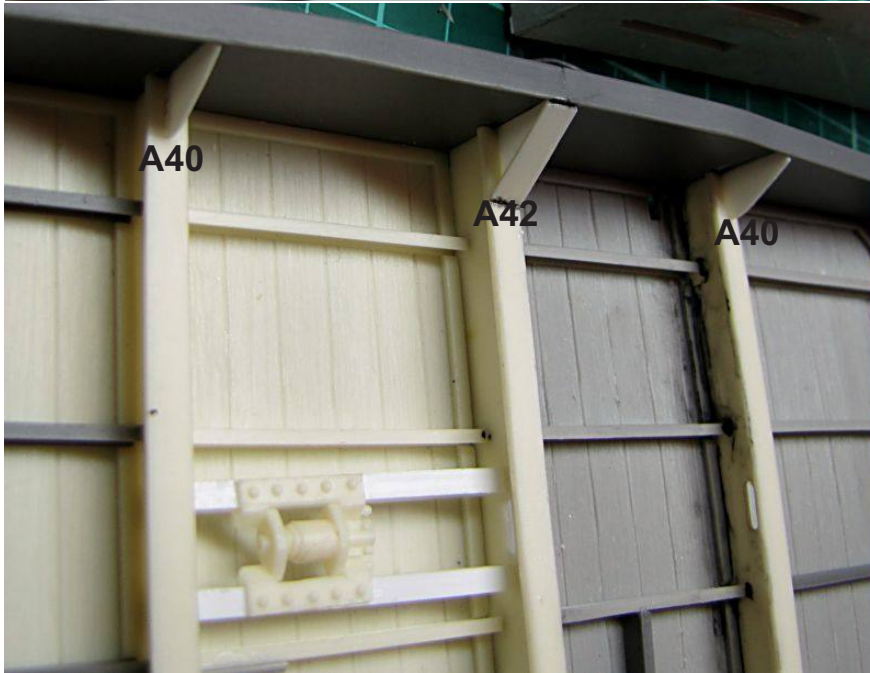
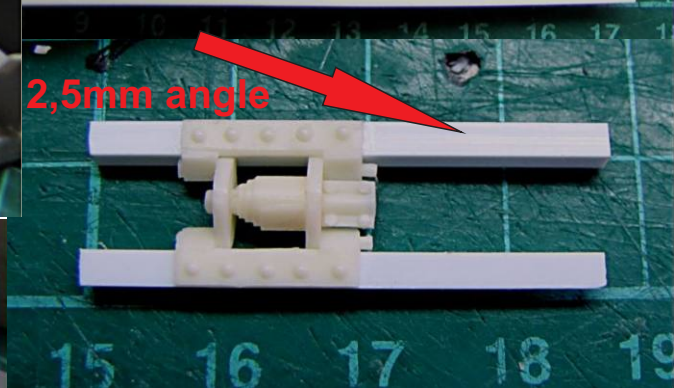
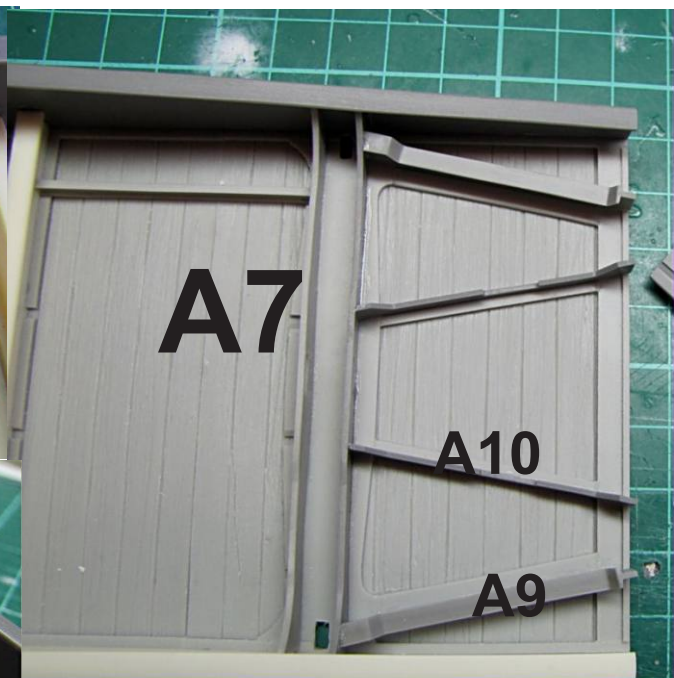
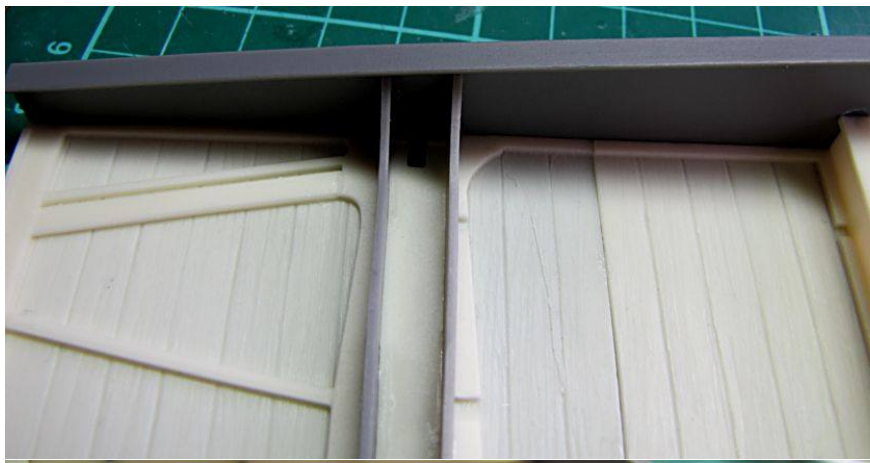
This wagon was introduced in 1942, and its slightly advanced variants remain in service



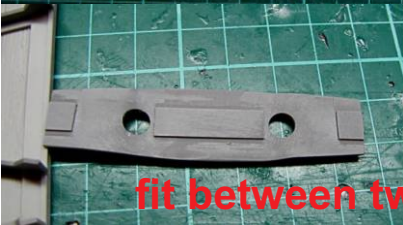
frame assembly

The construction is actually very easy, all parts fit in slots made in opposite parts. I started with inner floor sections, added 3 cross beams (high one in the middle), assembled both sides - they have to meet each other exactly in the middle of the floor, and all secured with drop of C/A. I used some thicker black C/A to make welding lines look in areas where the cross beams are joined together and fill any tiny gaps during assembly



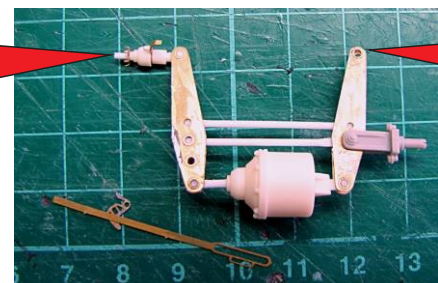


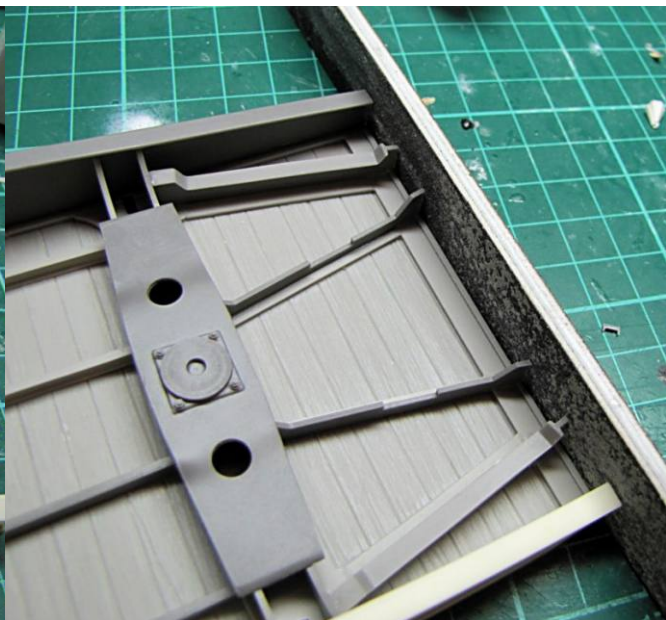
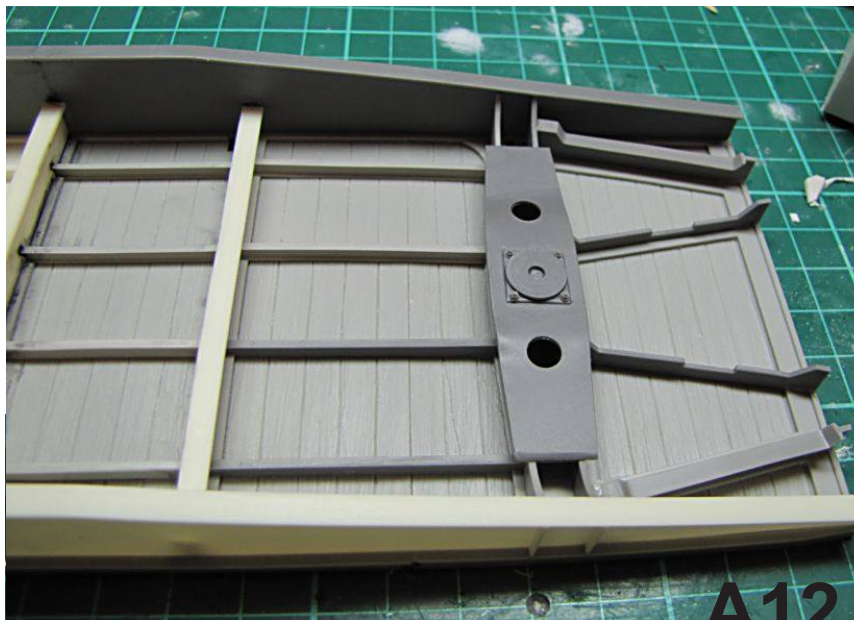
Spare A8 cut and glued together to get cylinder assembly, I would recommend to check its exact position with completed cylinder assembly before gluing on



fit between two A7

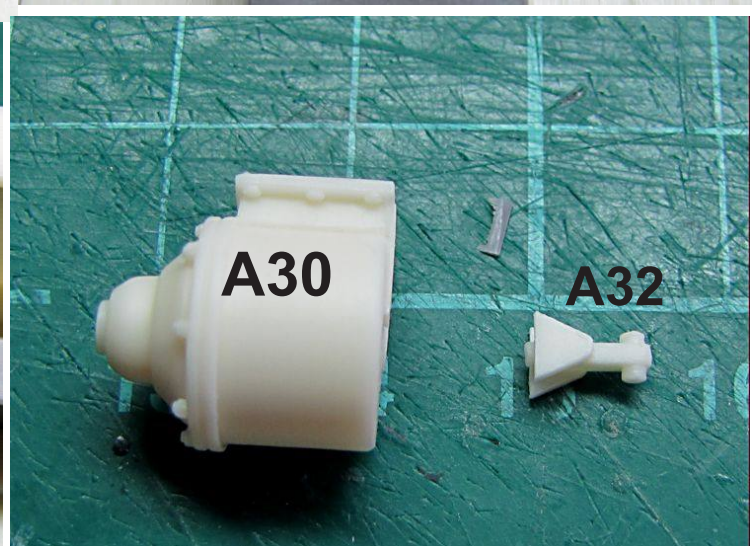
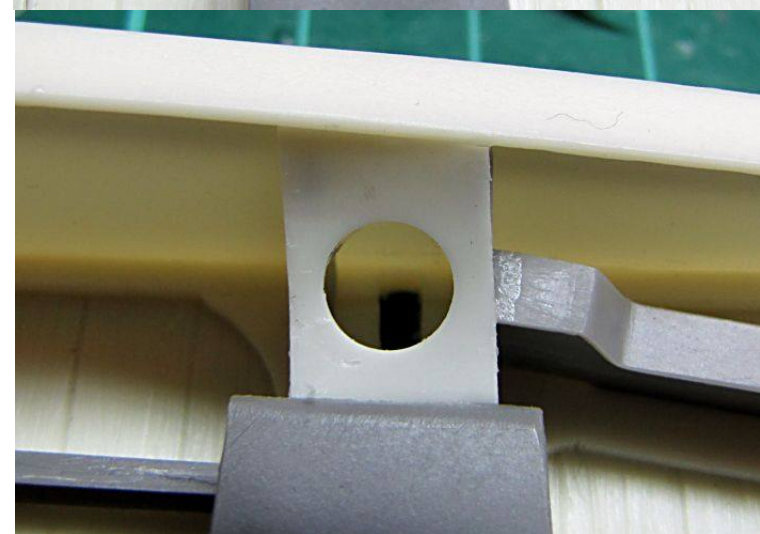
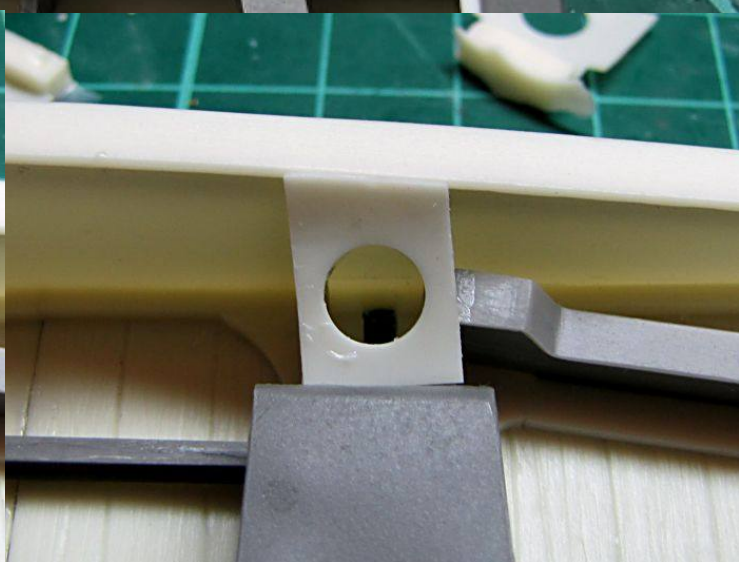
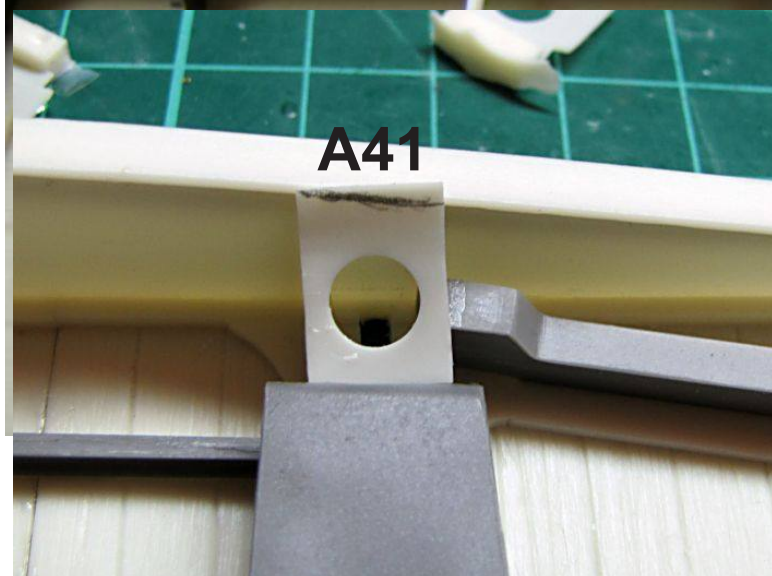
to be located in centre of the chassis

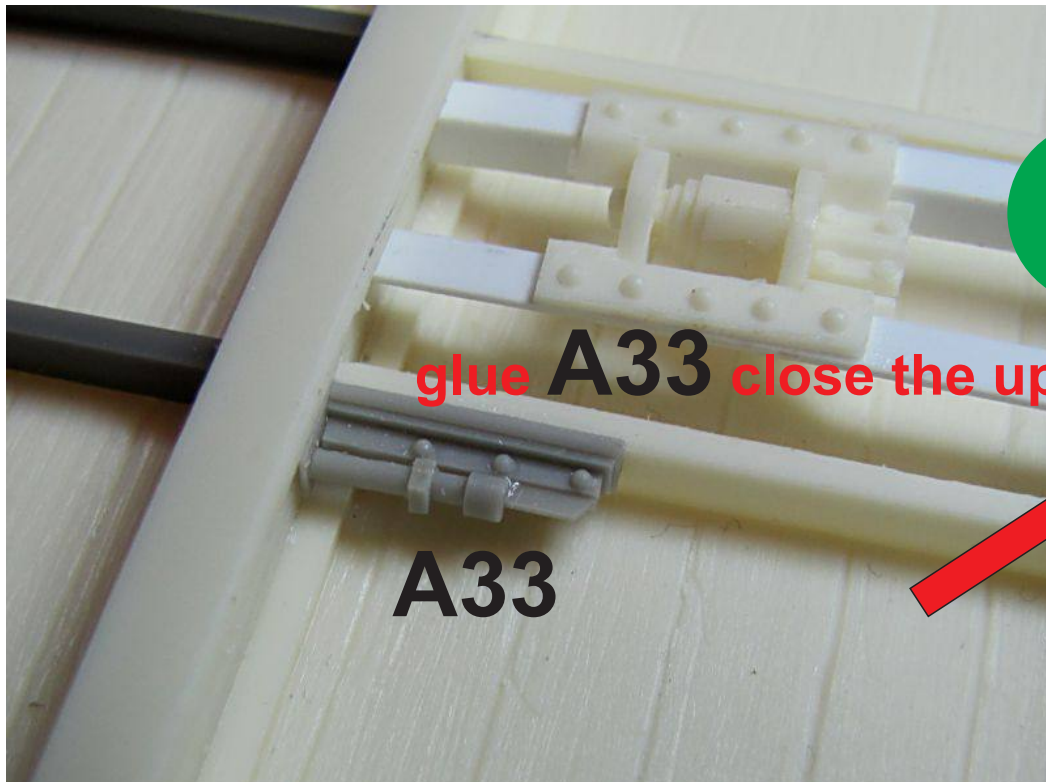




3,2x0,75mm strip

A12

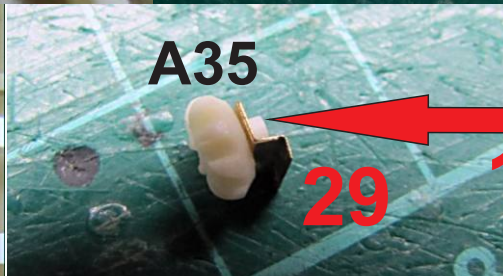
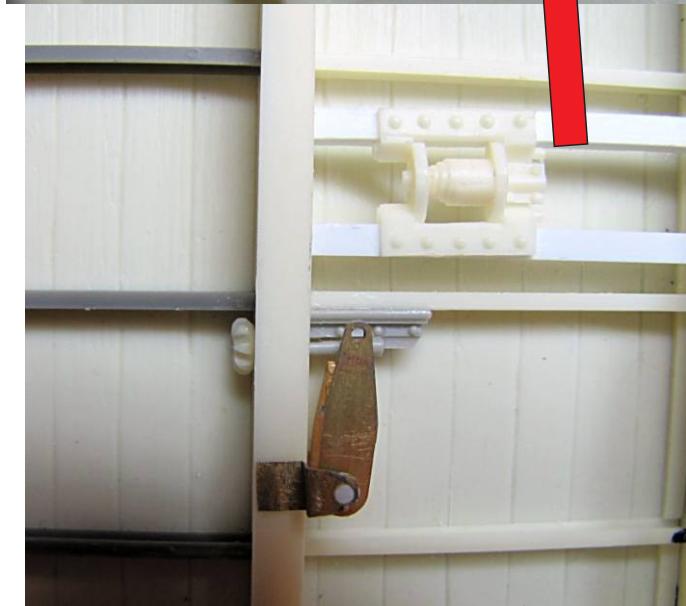
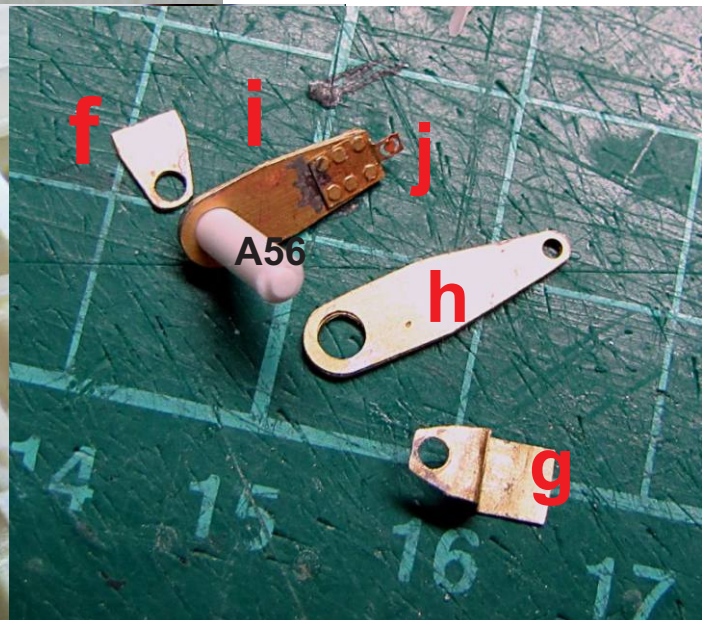
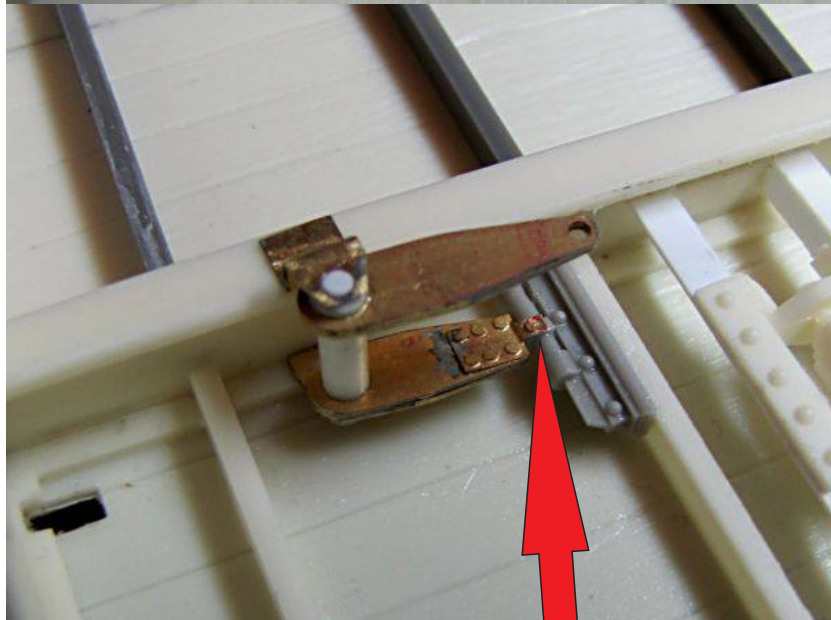
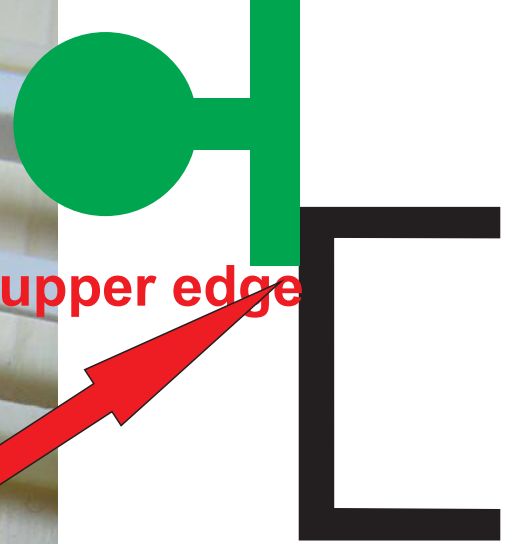




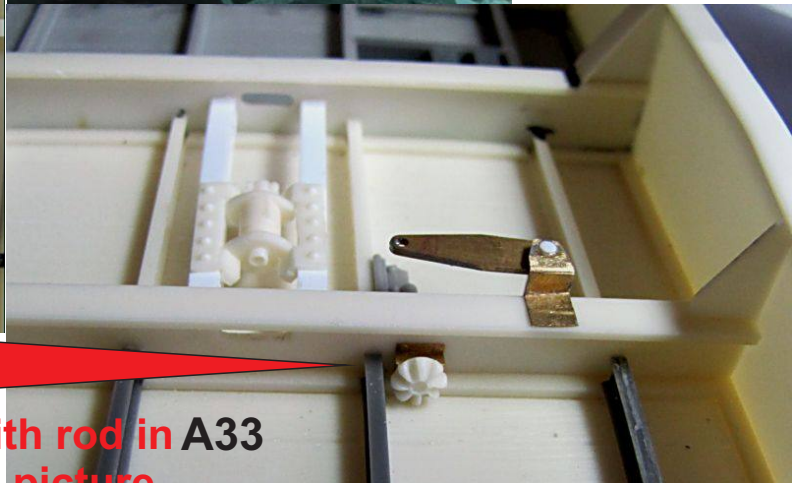
glue **A33** close the upper edge

A33

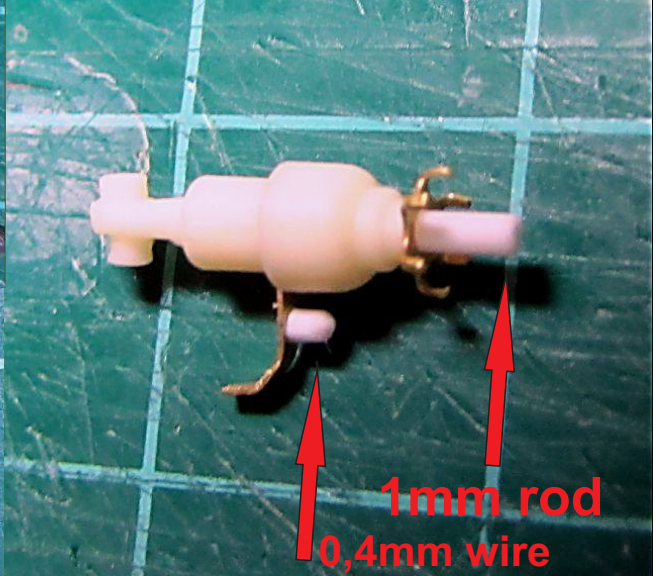
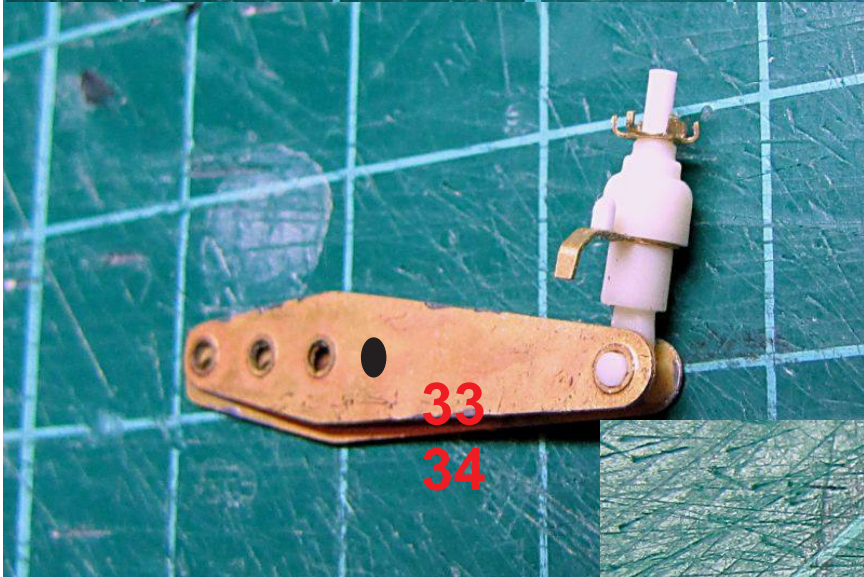
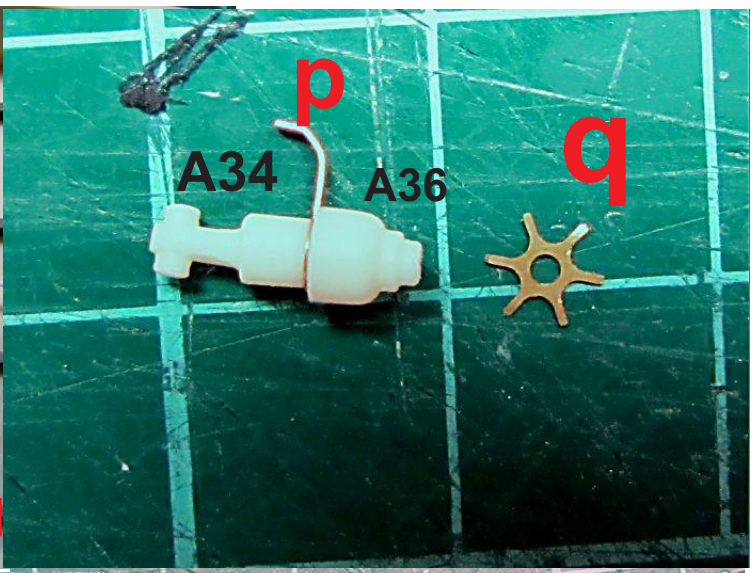
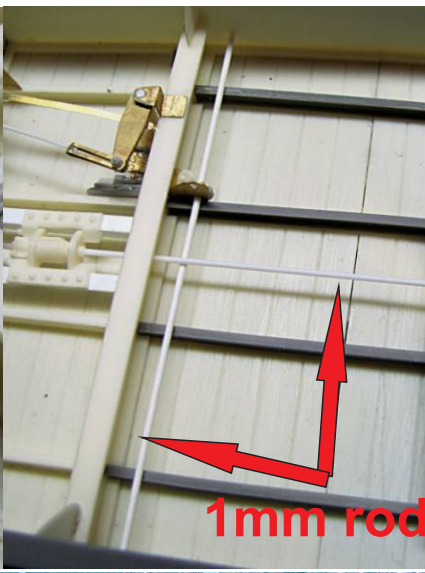
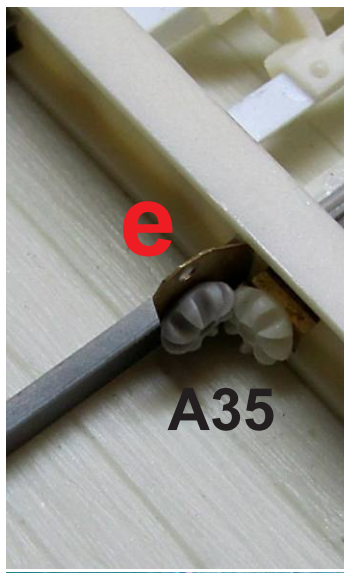
A33

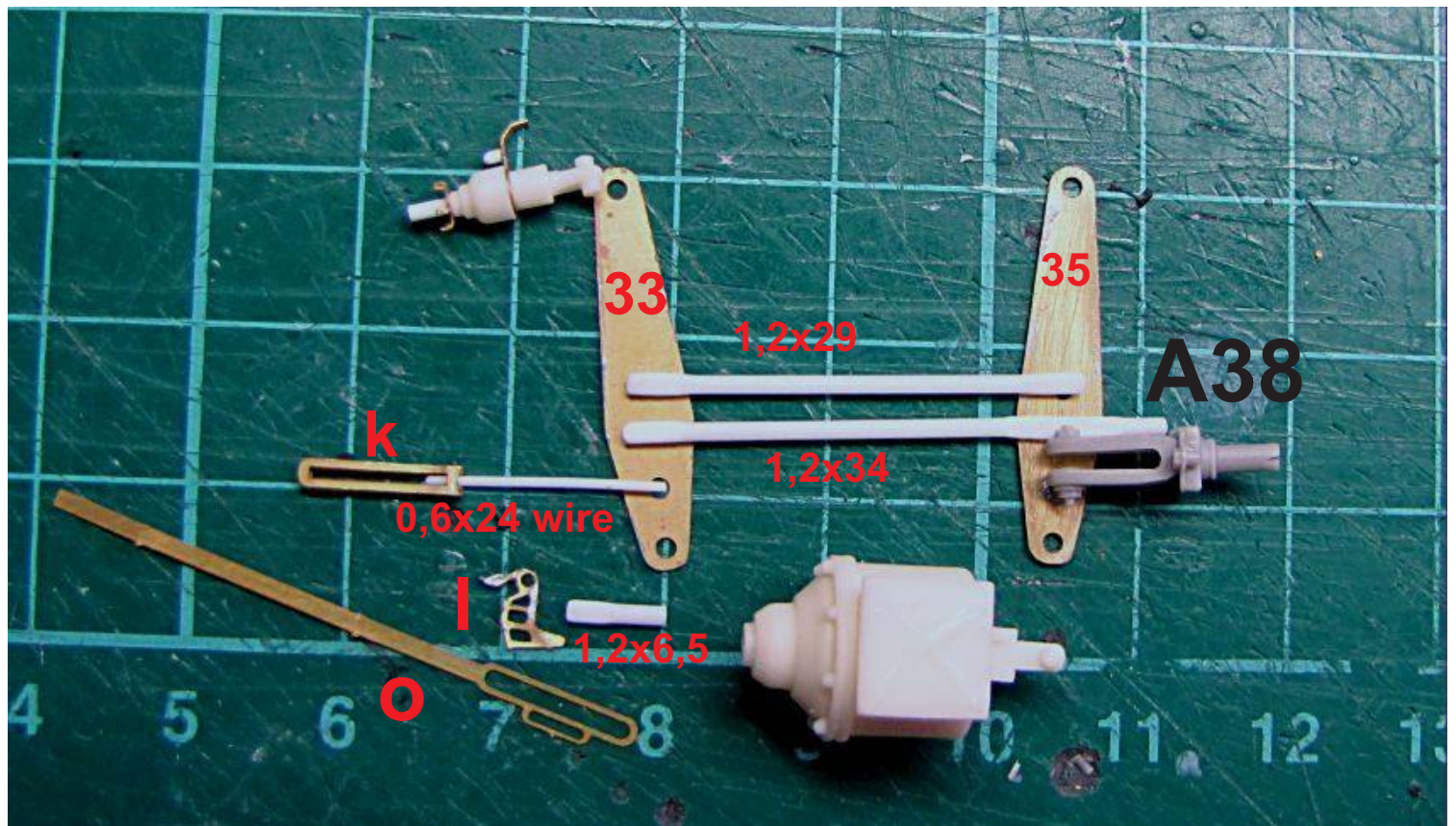


29 1mm rod



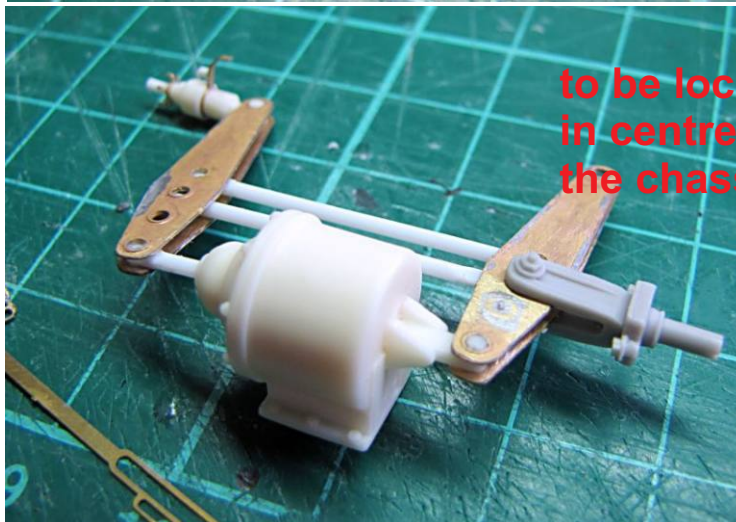
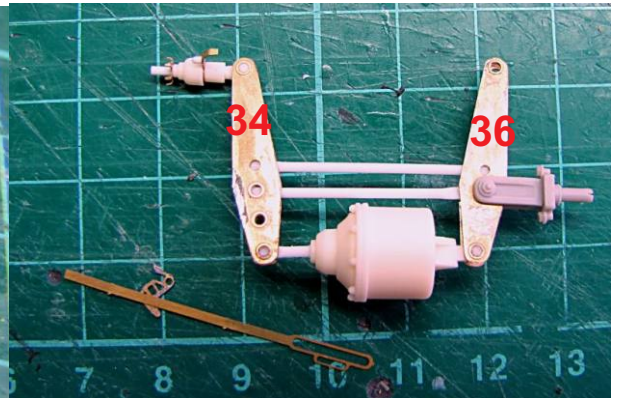
centre of wheel to correspond with rod in **A33**
will be about 1mm higher than in picture



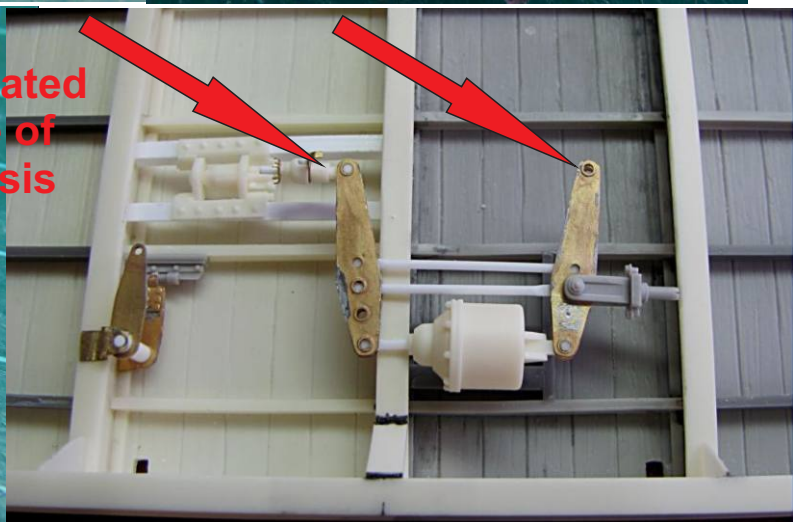


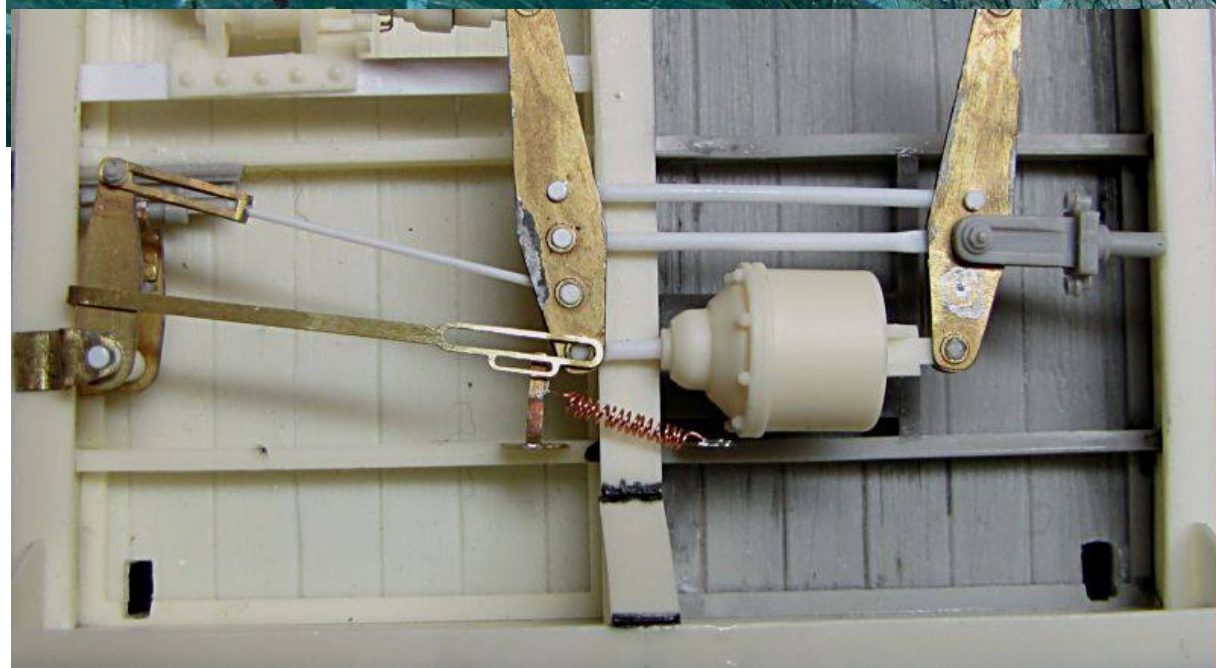
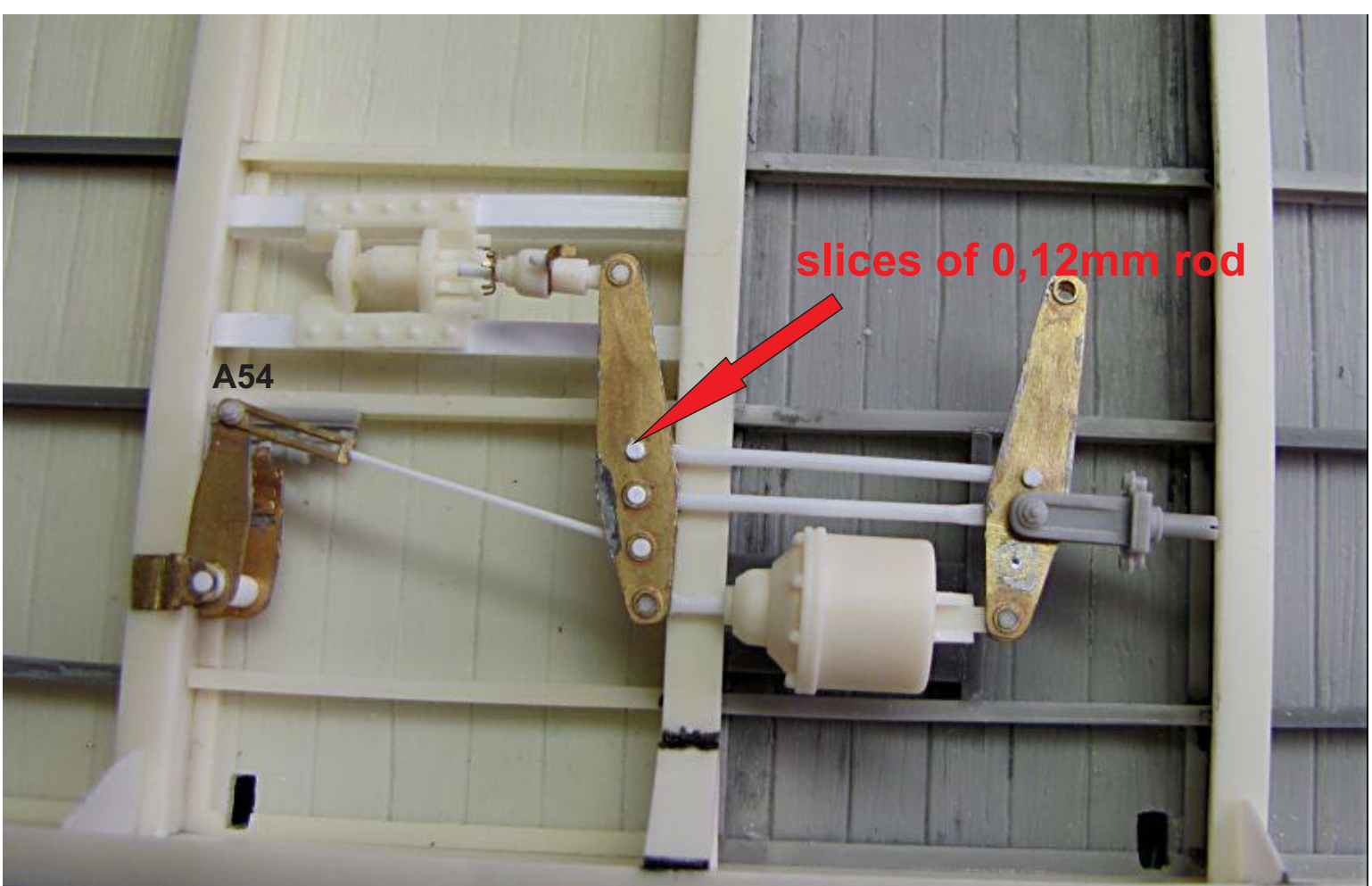
There are some plastic rods involved, they have flattened ends which are to be placed between two PE arms. This is easy done with suitable pliers

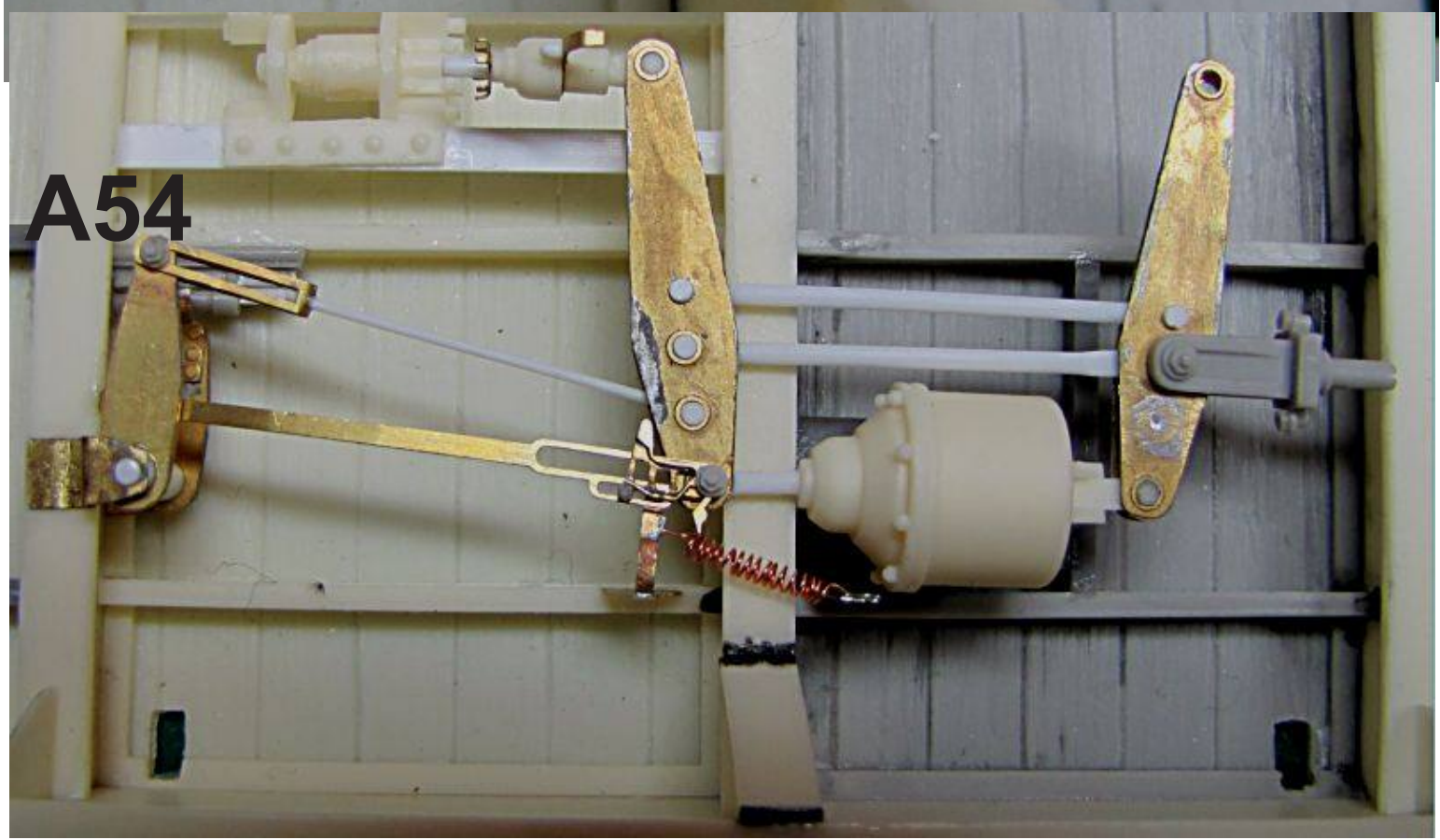
Continued with brake system assembly, I put together all the parts and secured with a drop of glue. The brake cylinder is placed in its position and a connecting rod for the hand brake assembly is also on its place. Finally I closed holes in PE arms with thin slices of 1,2mm rod do get nice looking pins

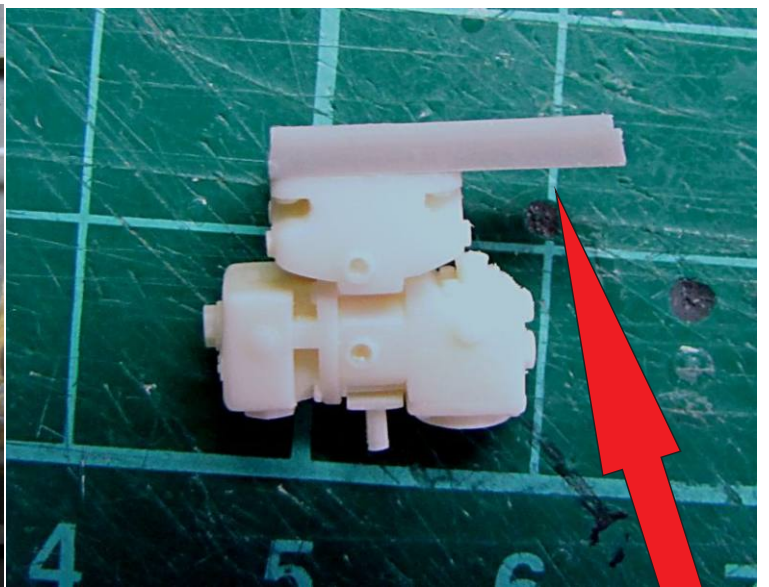


to be located
in centre of
the chassis

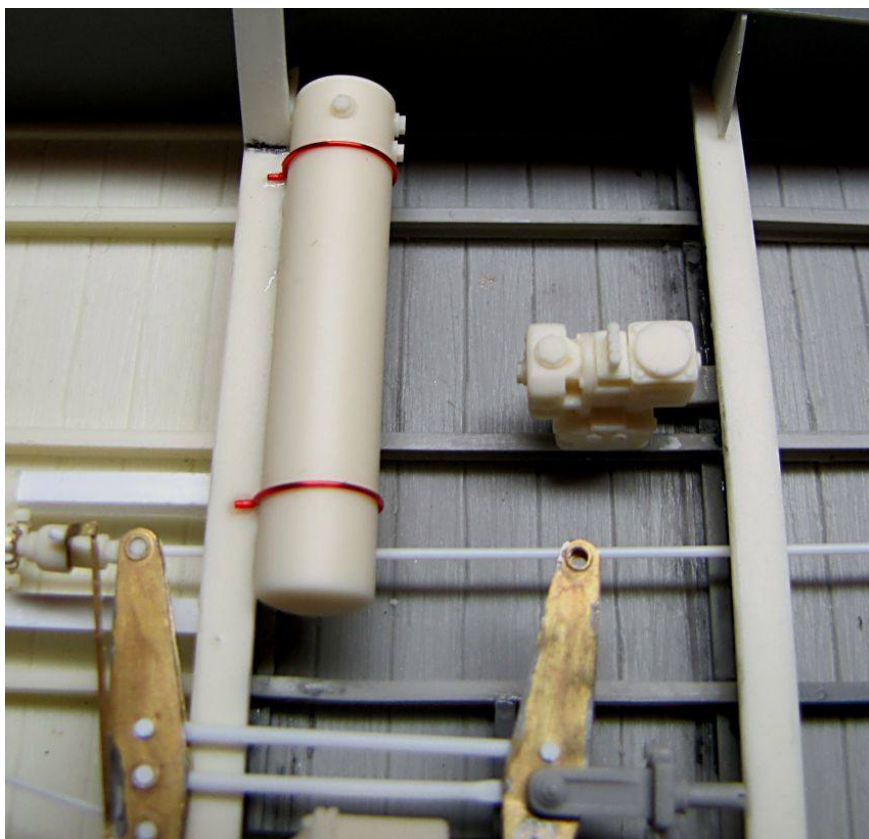
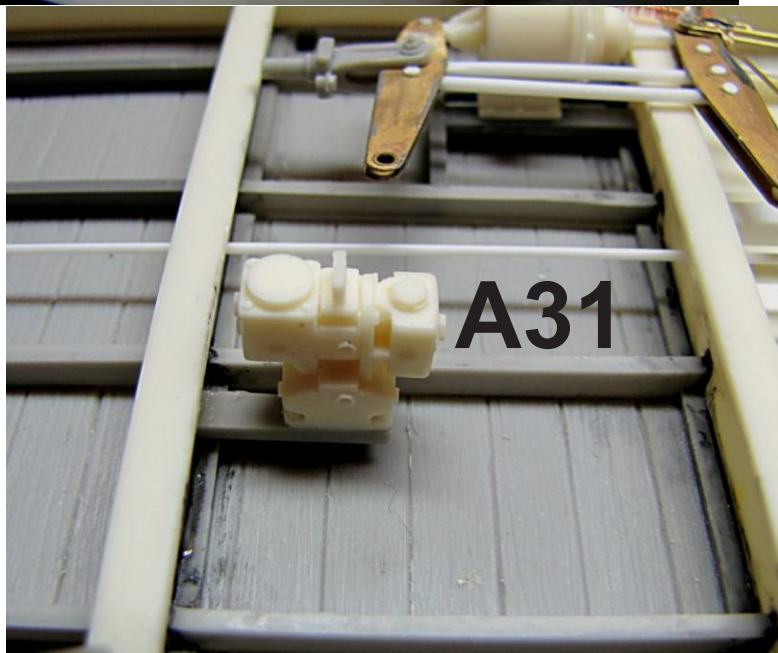


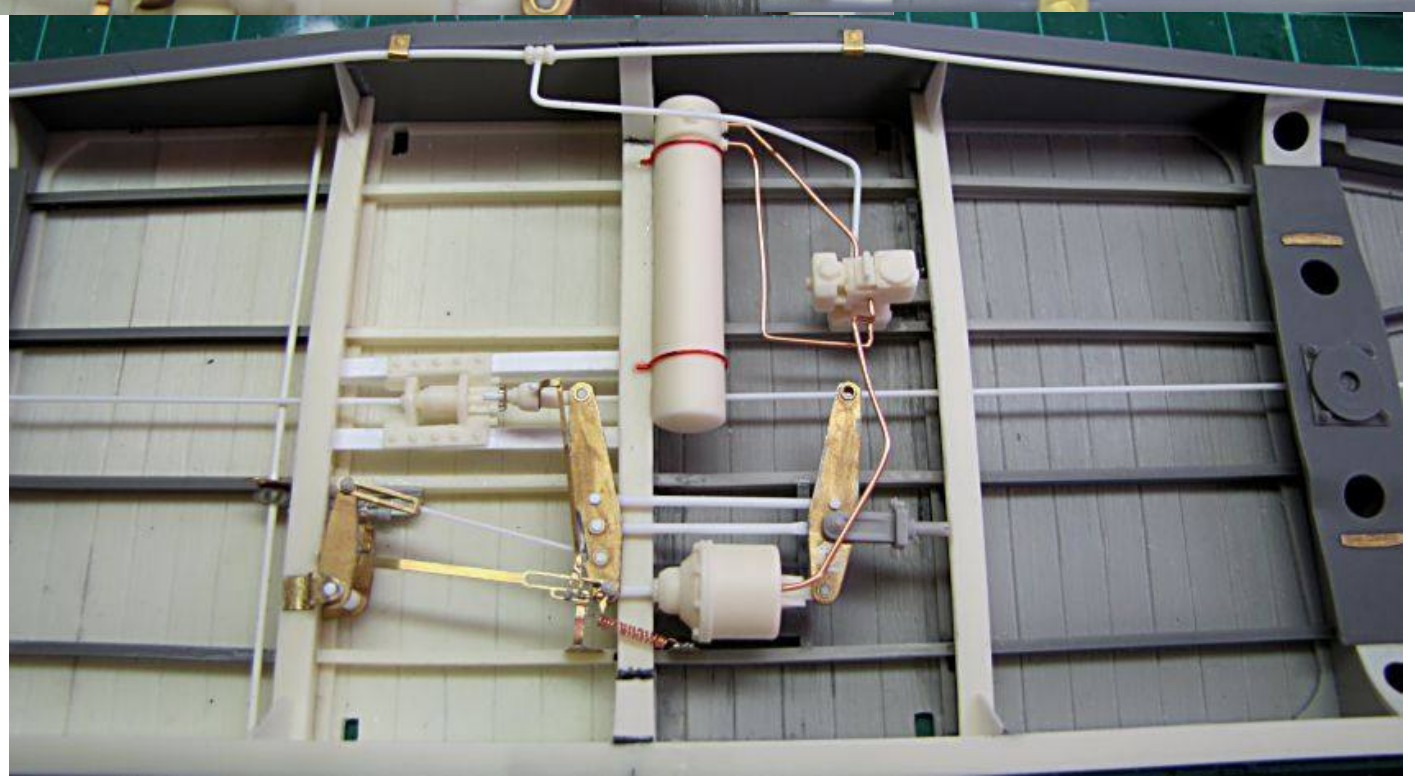
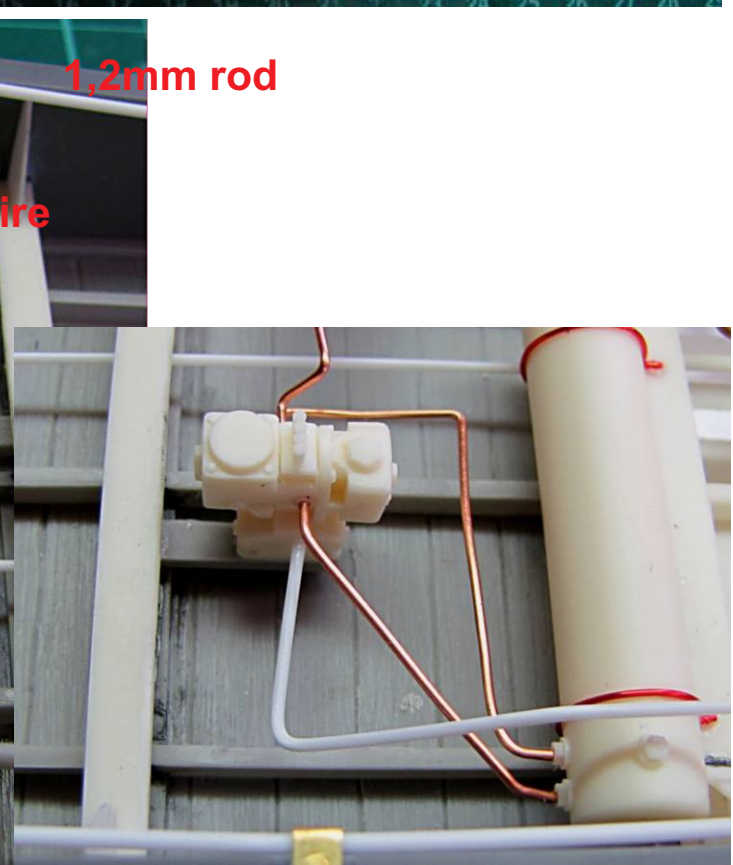
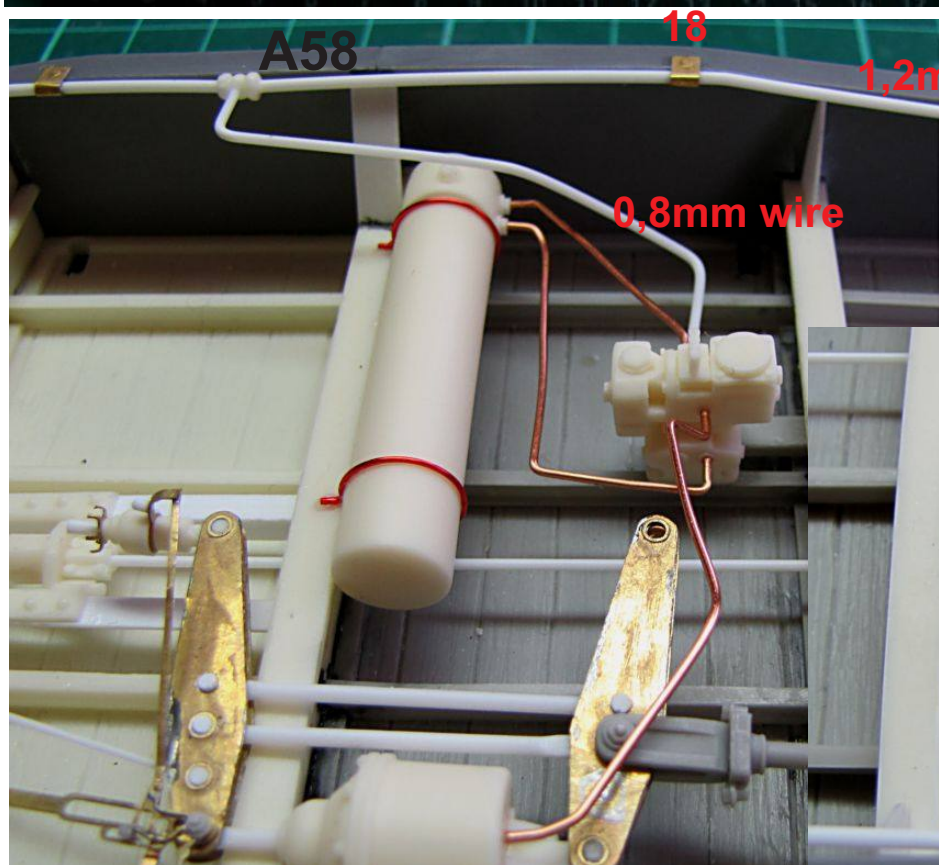


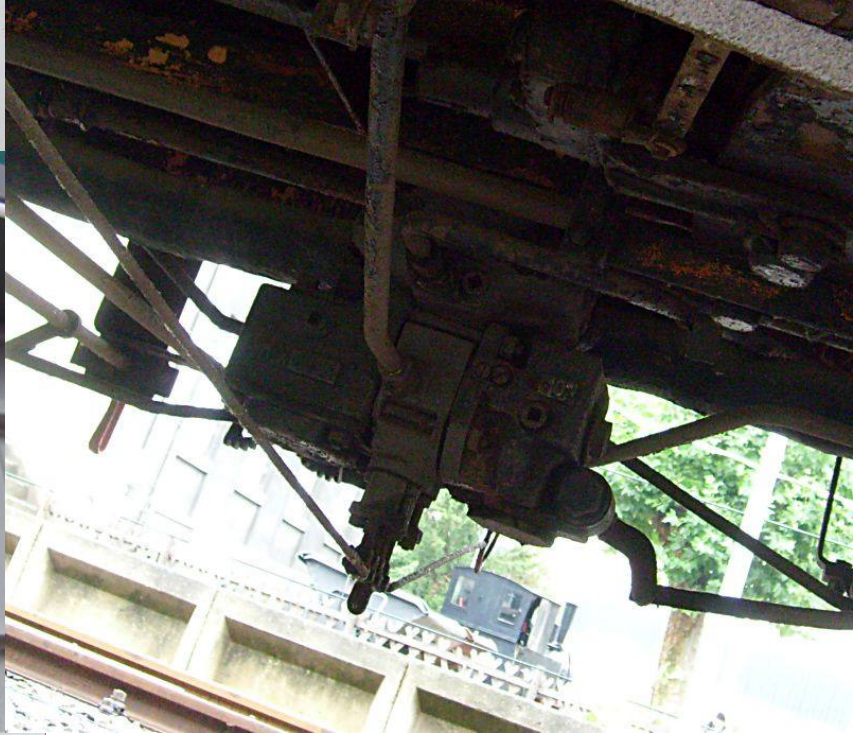




a bit of spare **A8**

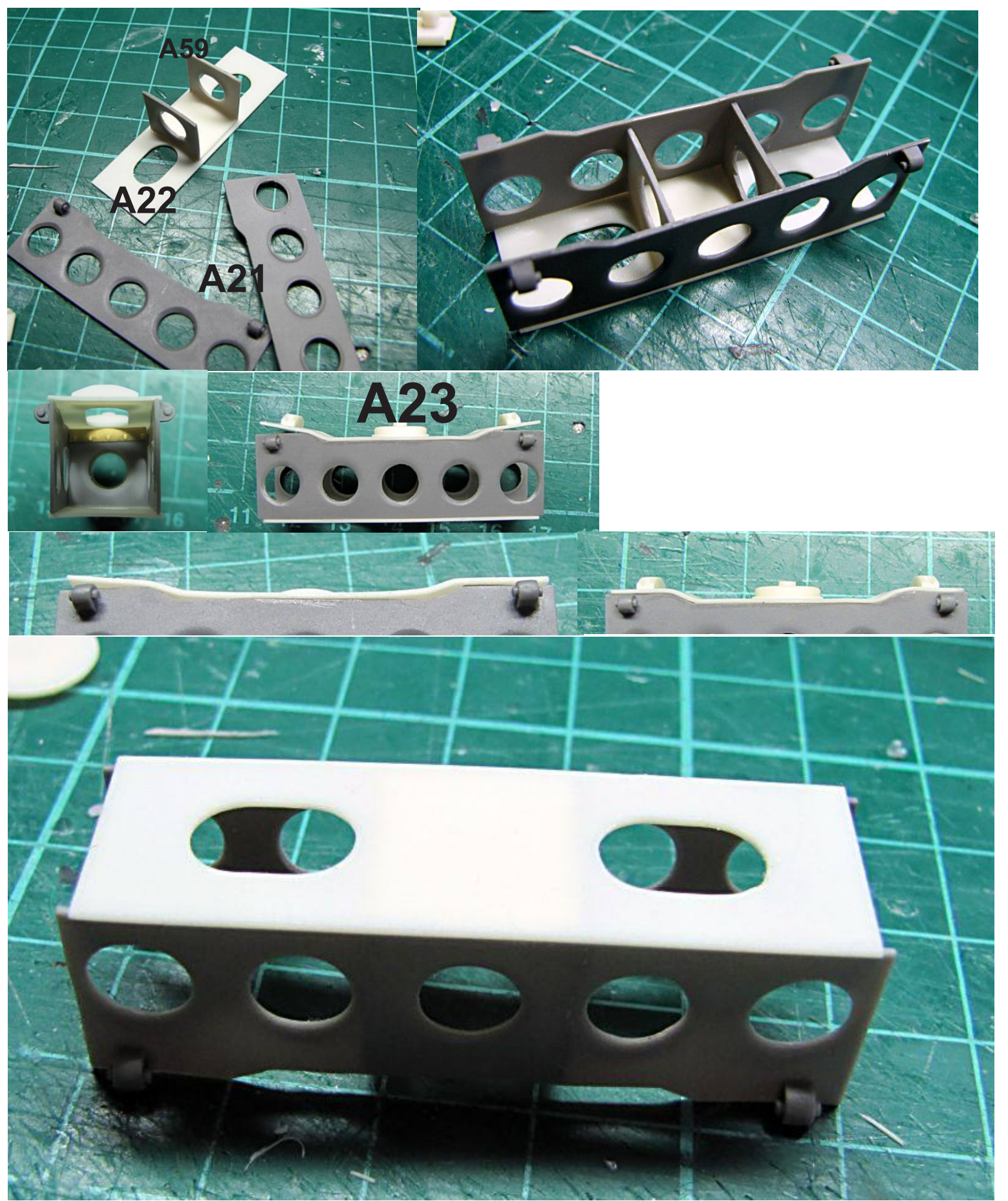


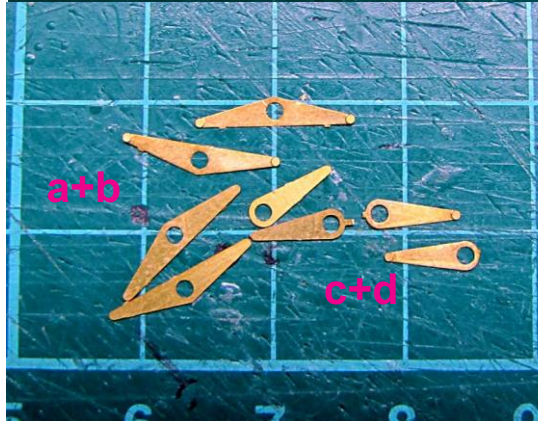
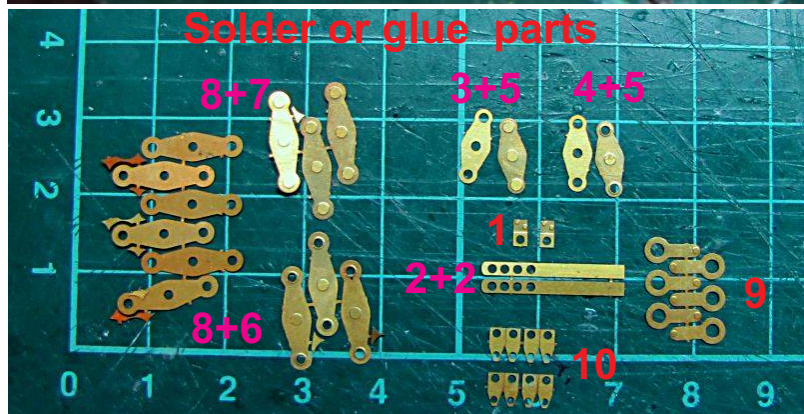
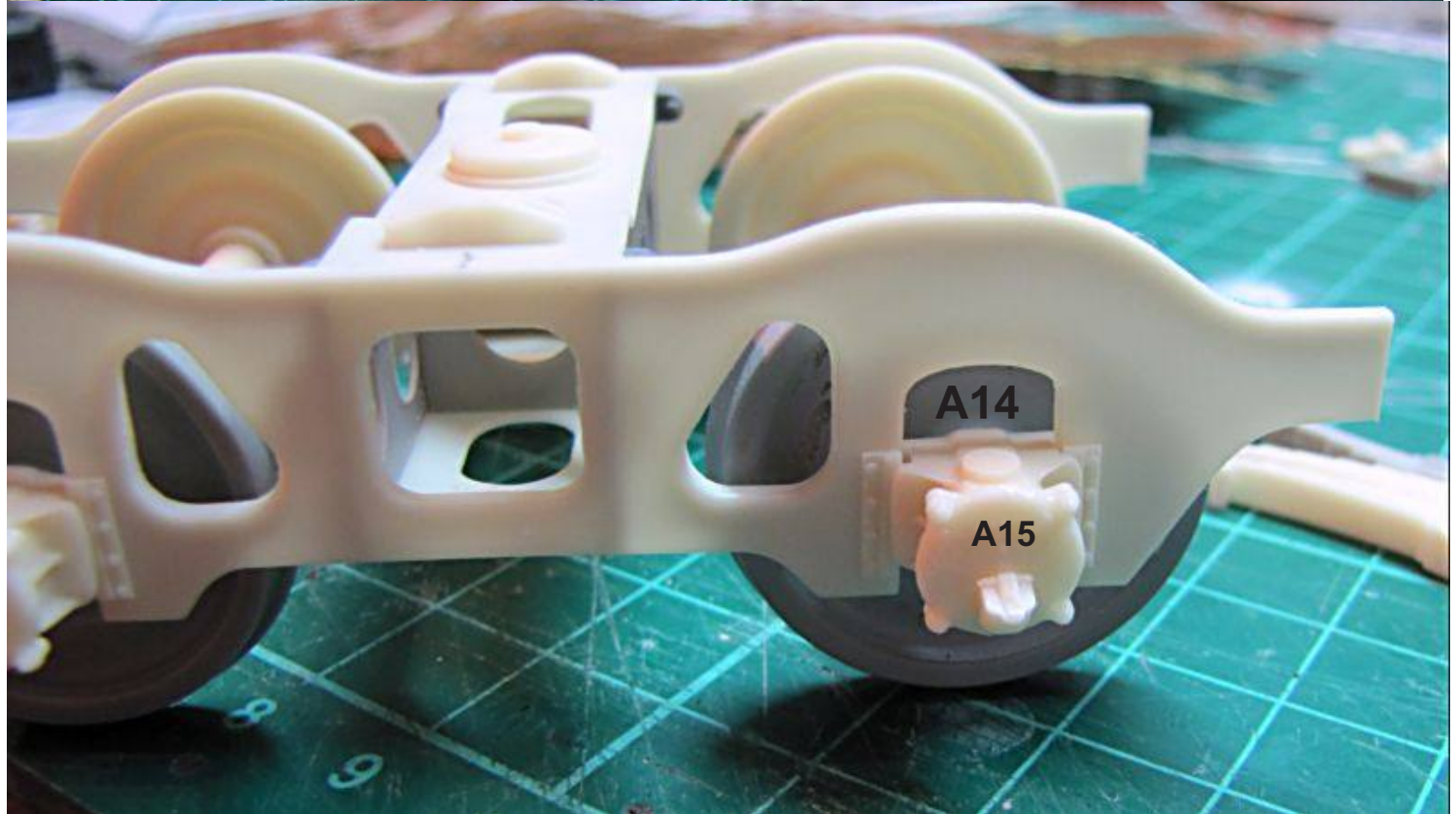
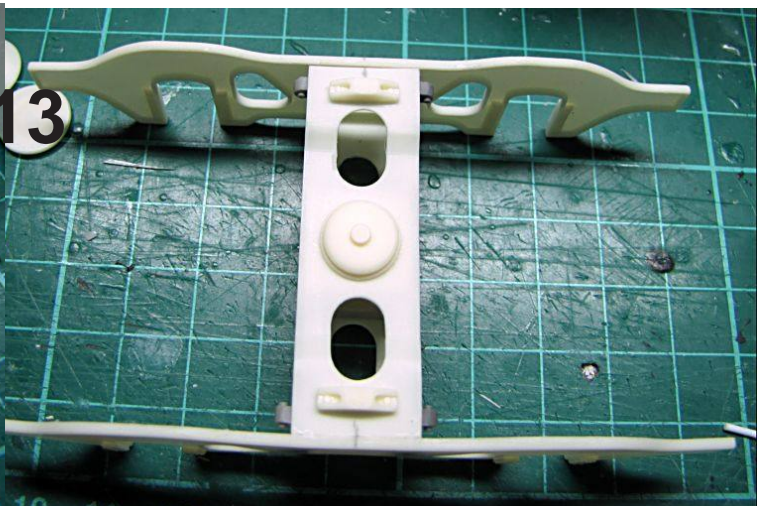
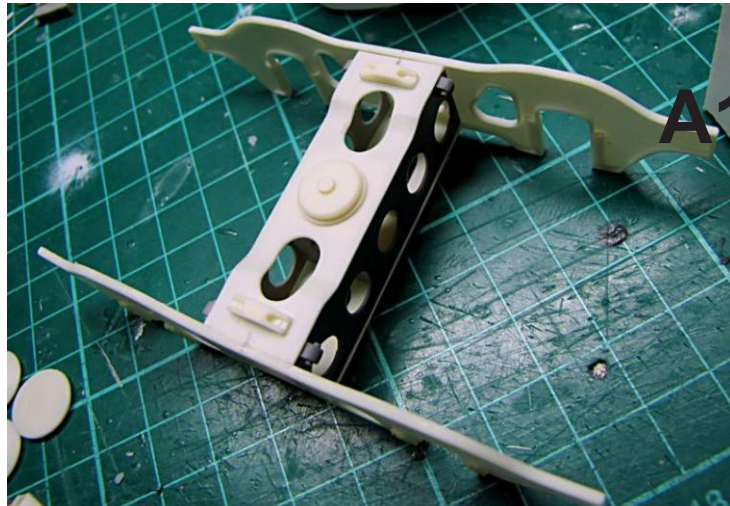




52 to correspond with A23

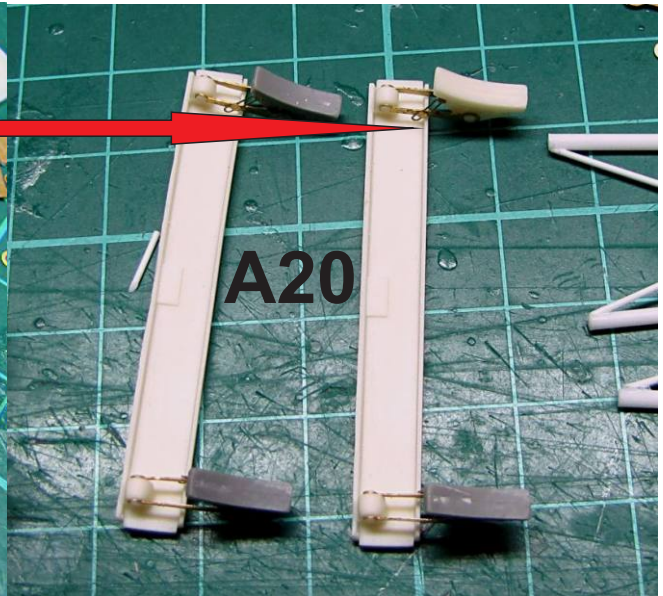
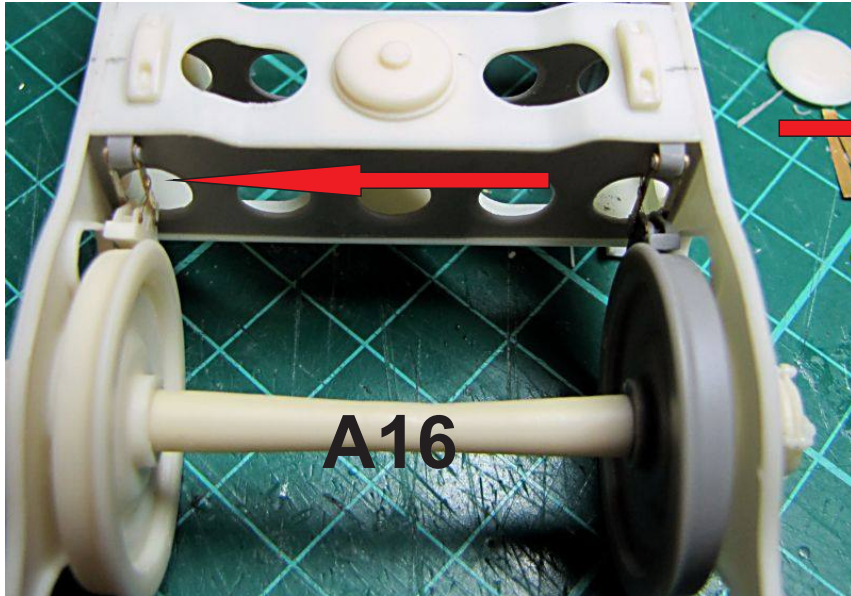
Bogie assembly. These parts are very thin and easy to work with. To shape the top piece with turning base properly I glued it in the middle area first, and then I used hot cloth to warm it up a bit and bend it easily. PE parts "54" glued on top of A59 before warming up A23 for exact fit will avoid any deformation. Finally a drop of C/A used to secure it in position. Extra care has to be taken to assembly bogie sides. I marked centre on all pieces first to fit it right, and then I used flat surface to make sure that all the angles are correct, before all parts are secured with glue. Wheels mounted on axles, bearing housings added and whole things slid in slots.



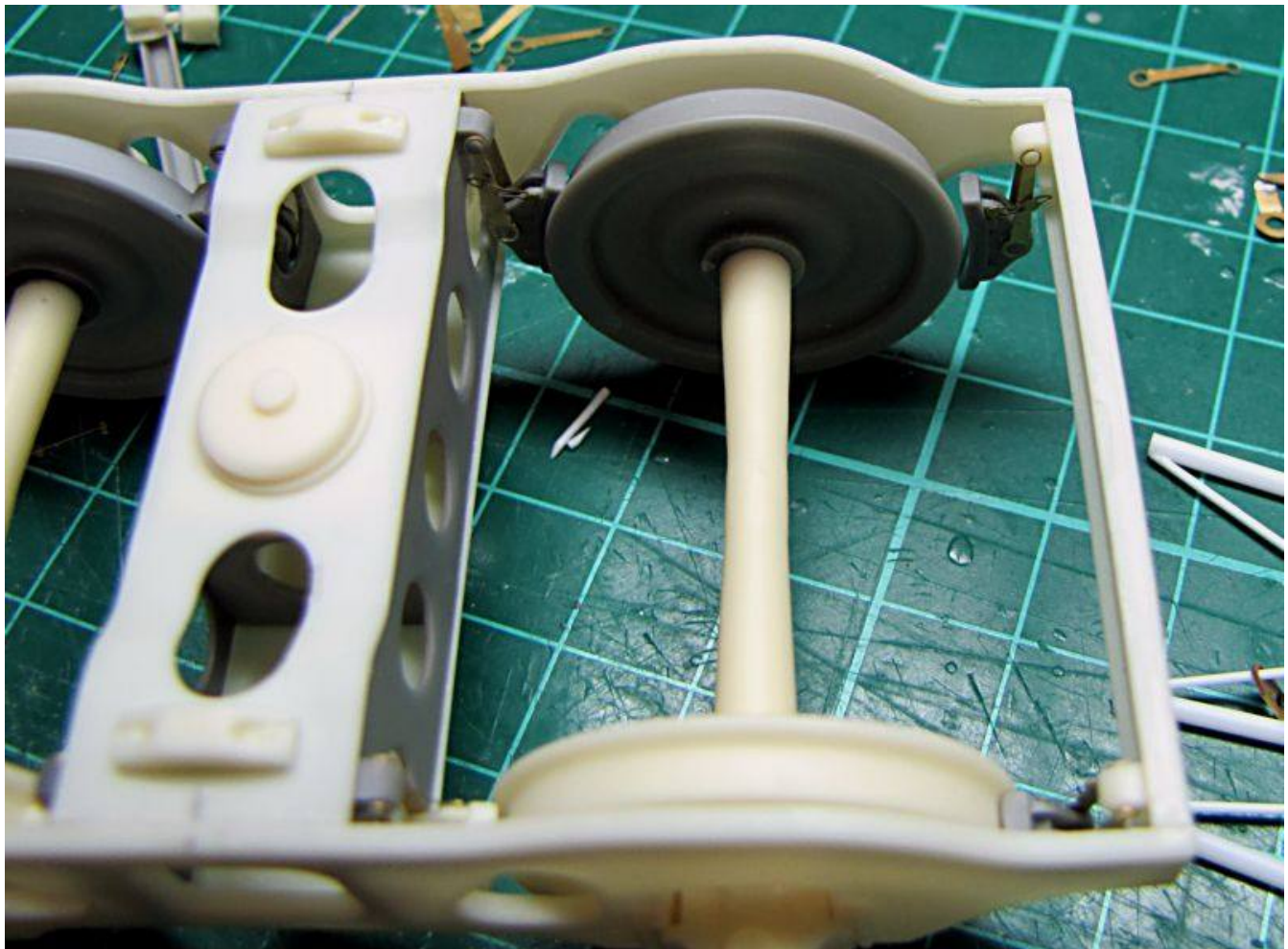


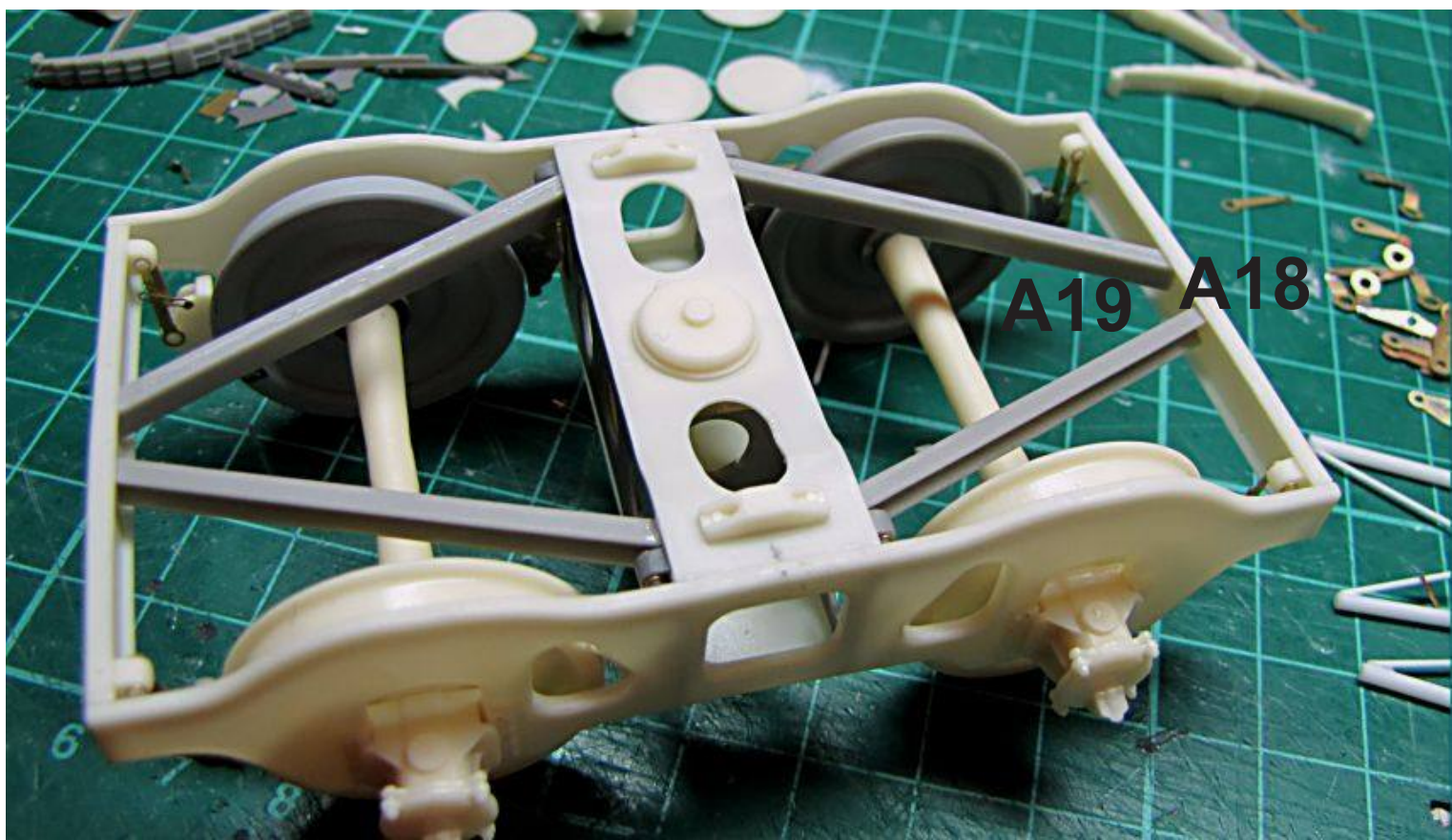


4 left spacer sided and 4 right spacer sided brakes for each bogie

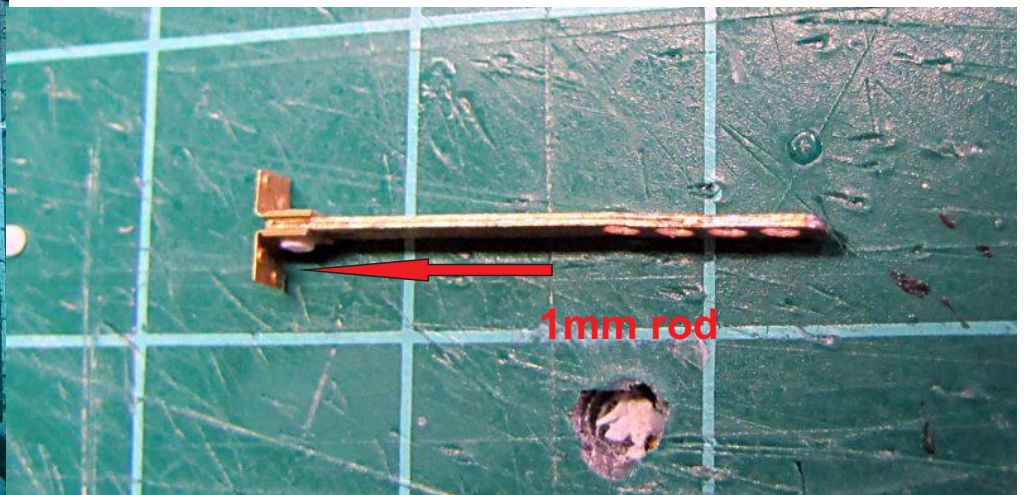
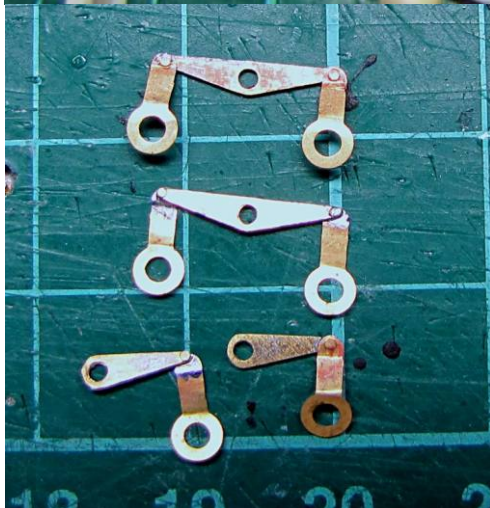
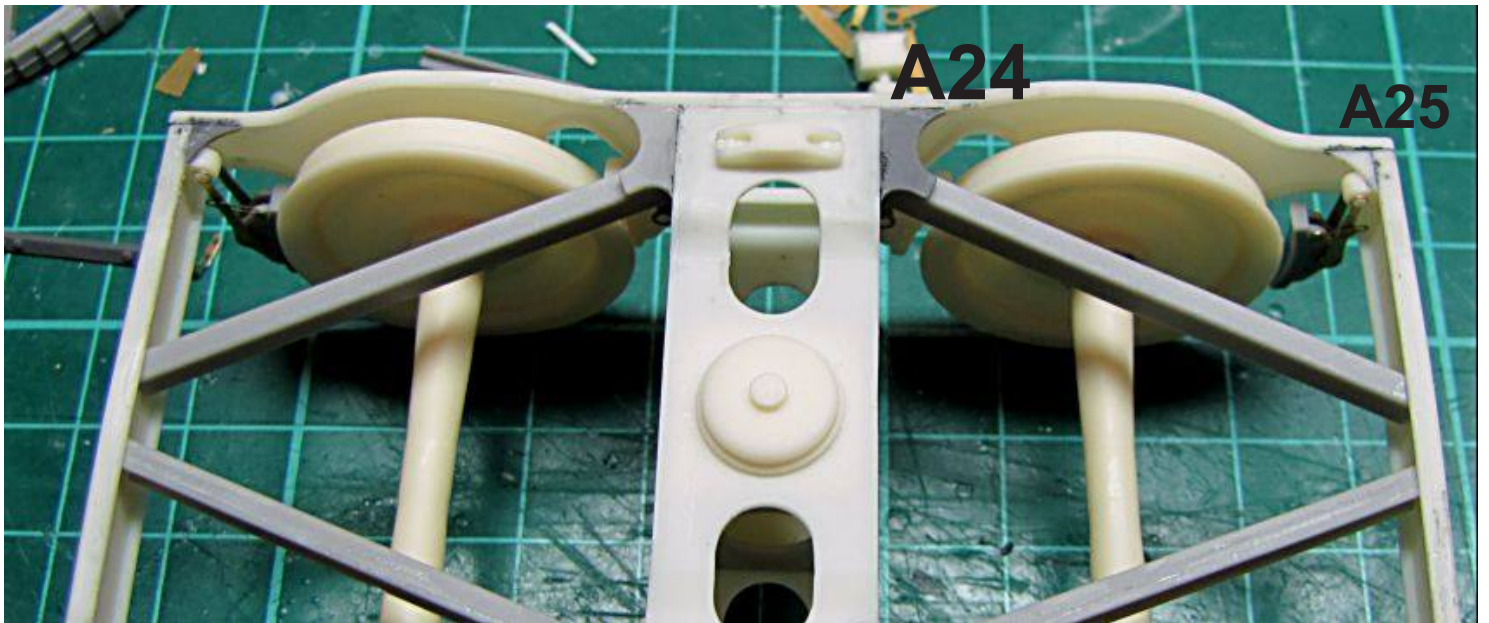


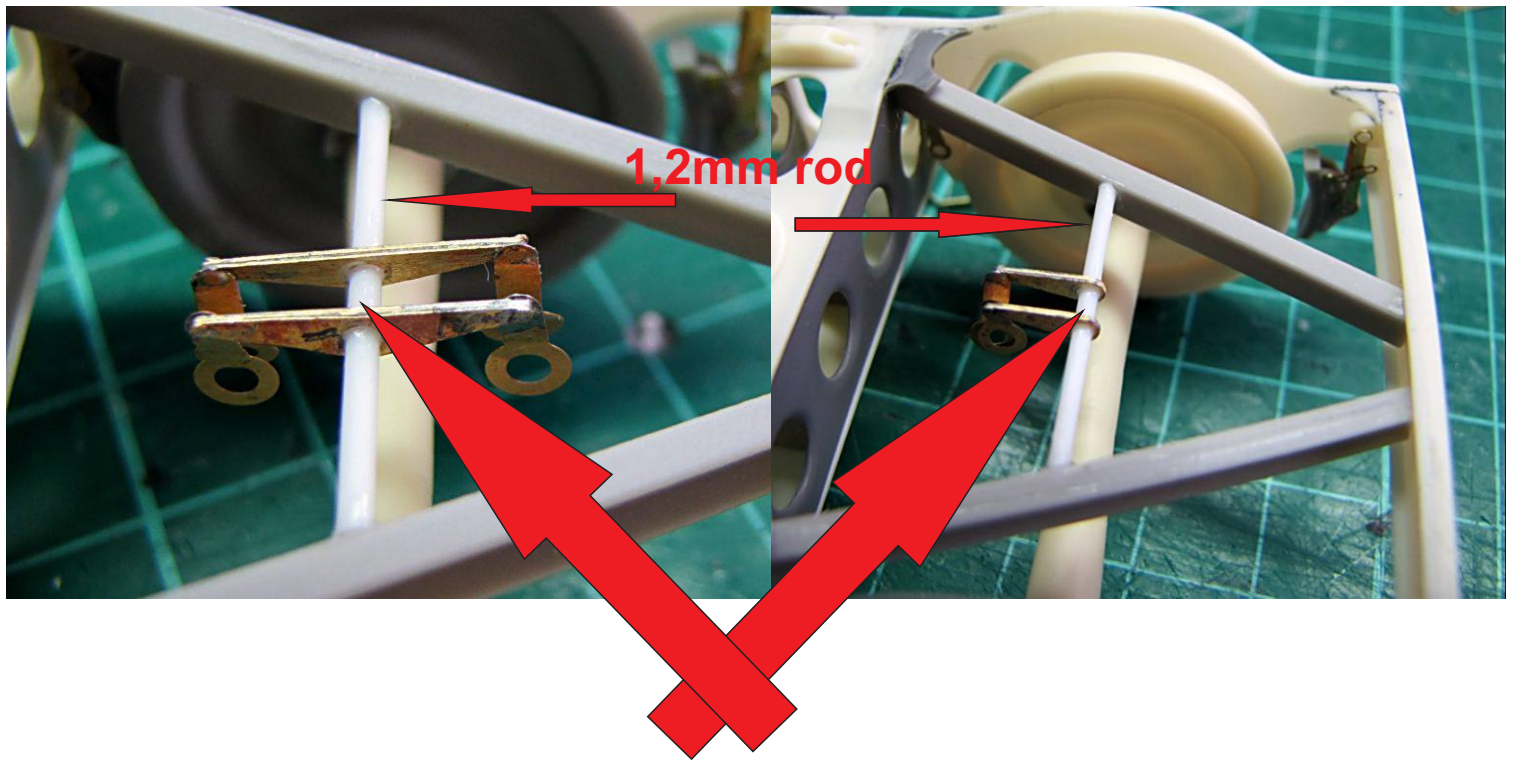
Hang brakes on pins - spacers are facing always inside



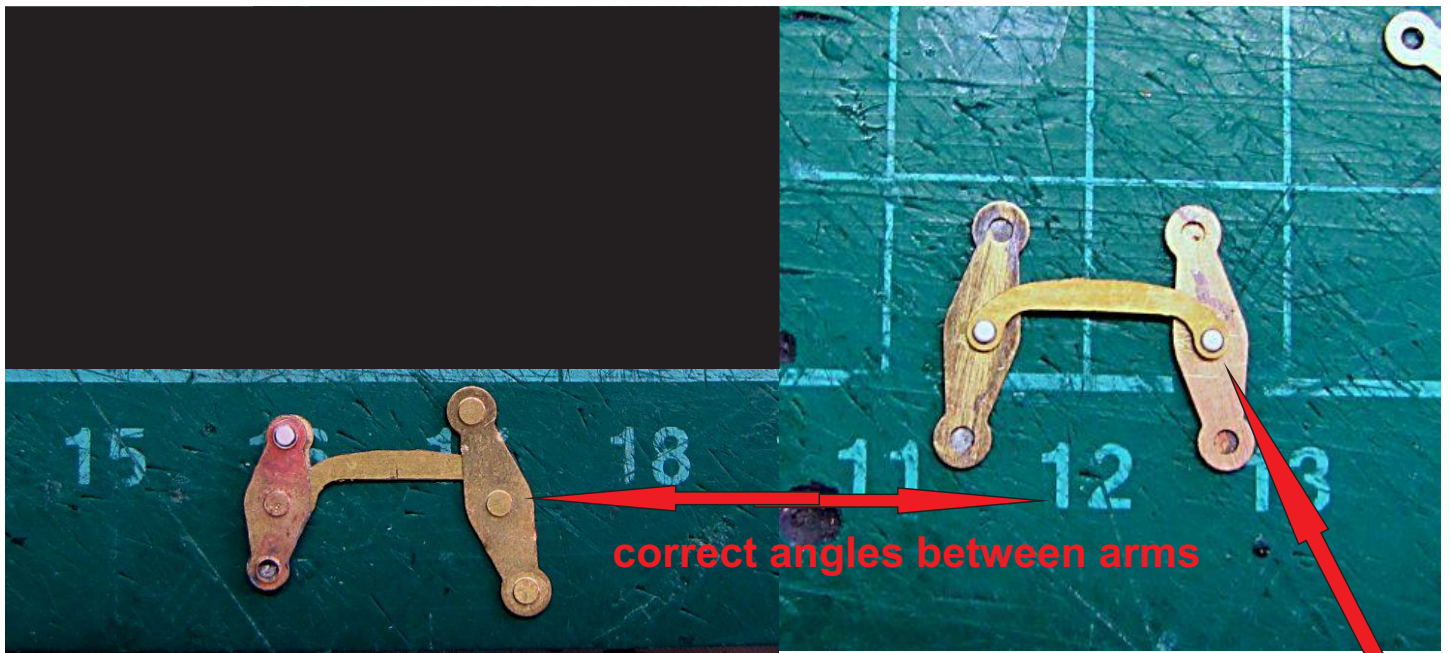


Mind direction when assembling A18+A19. They have angled ends. A little sanding might be needed if they appear to be a bit longer (they must not push out or deform A20)

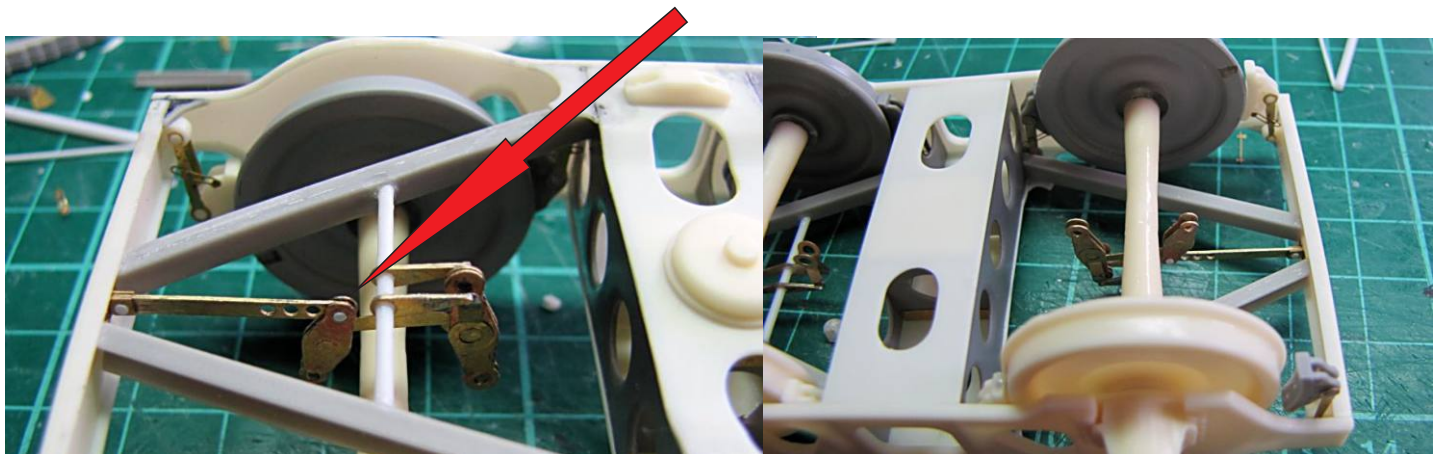




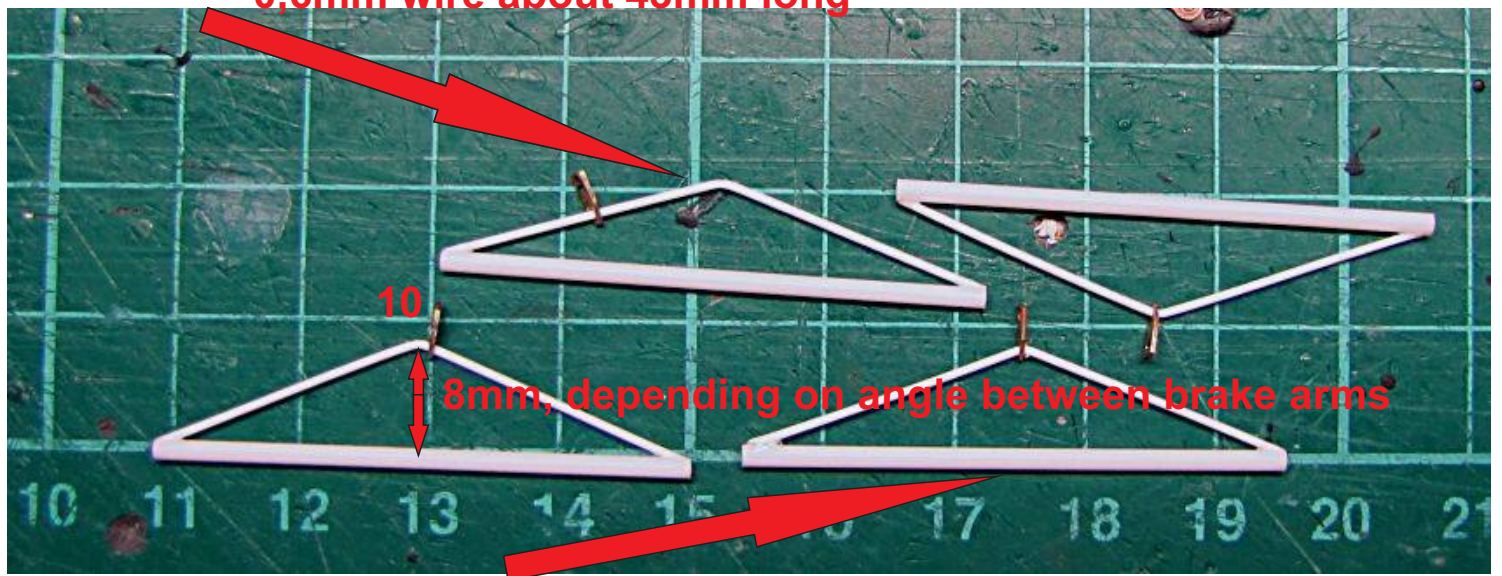
rods are assembled just above the axles, just below upper edge of A18+A19 hangers glued in the middle of rods, distance between them some 4mm



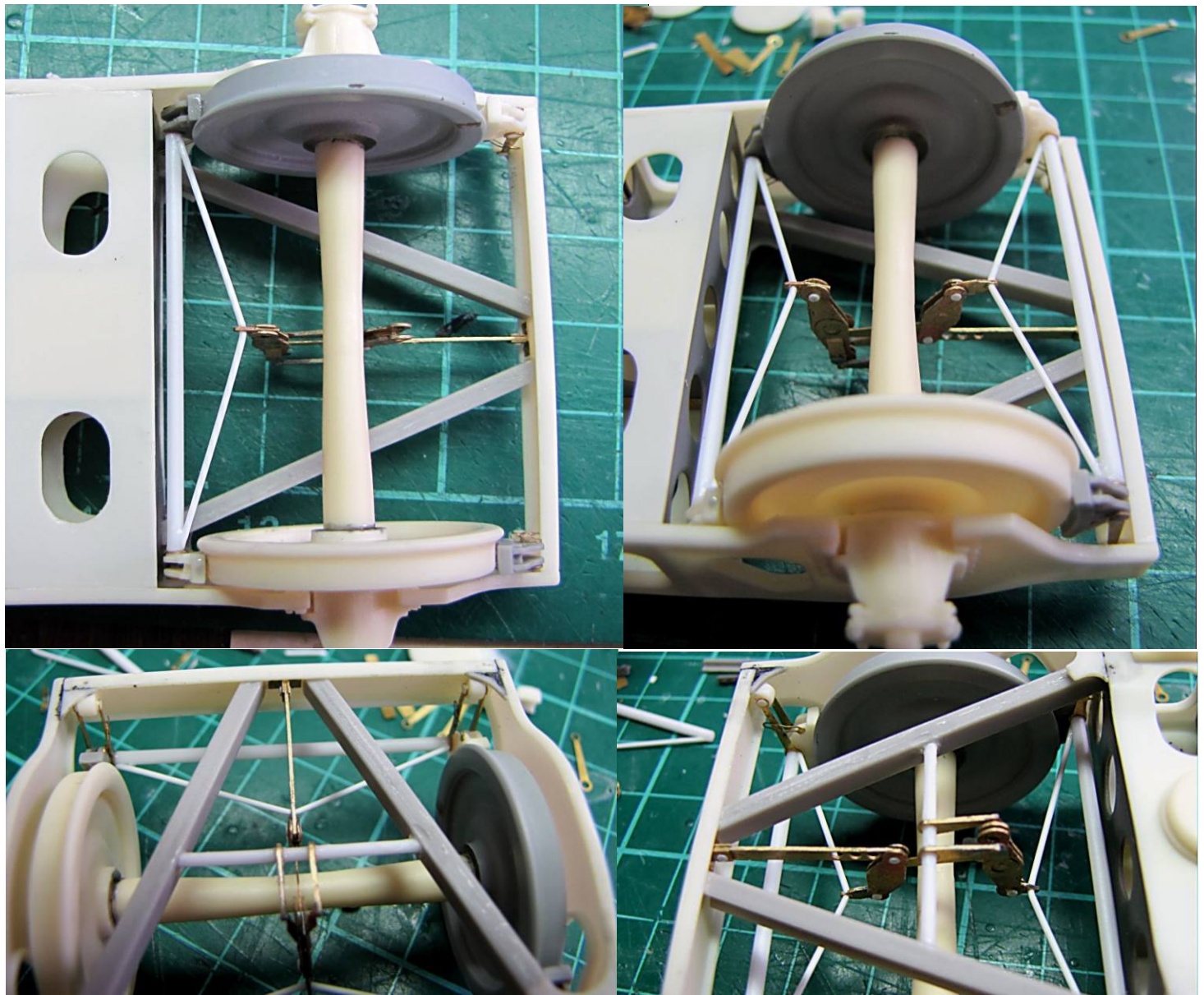
short cuts and slices of 1,2mm rod used for pins

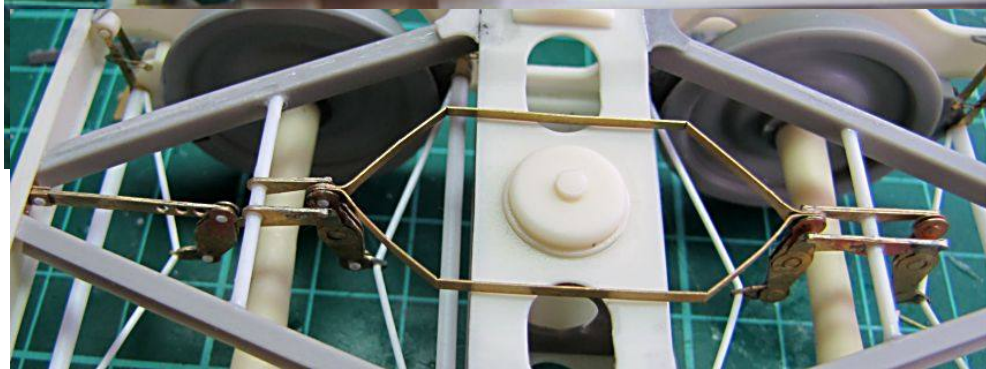
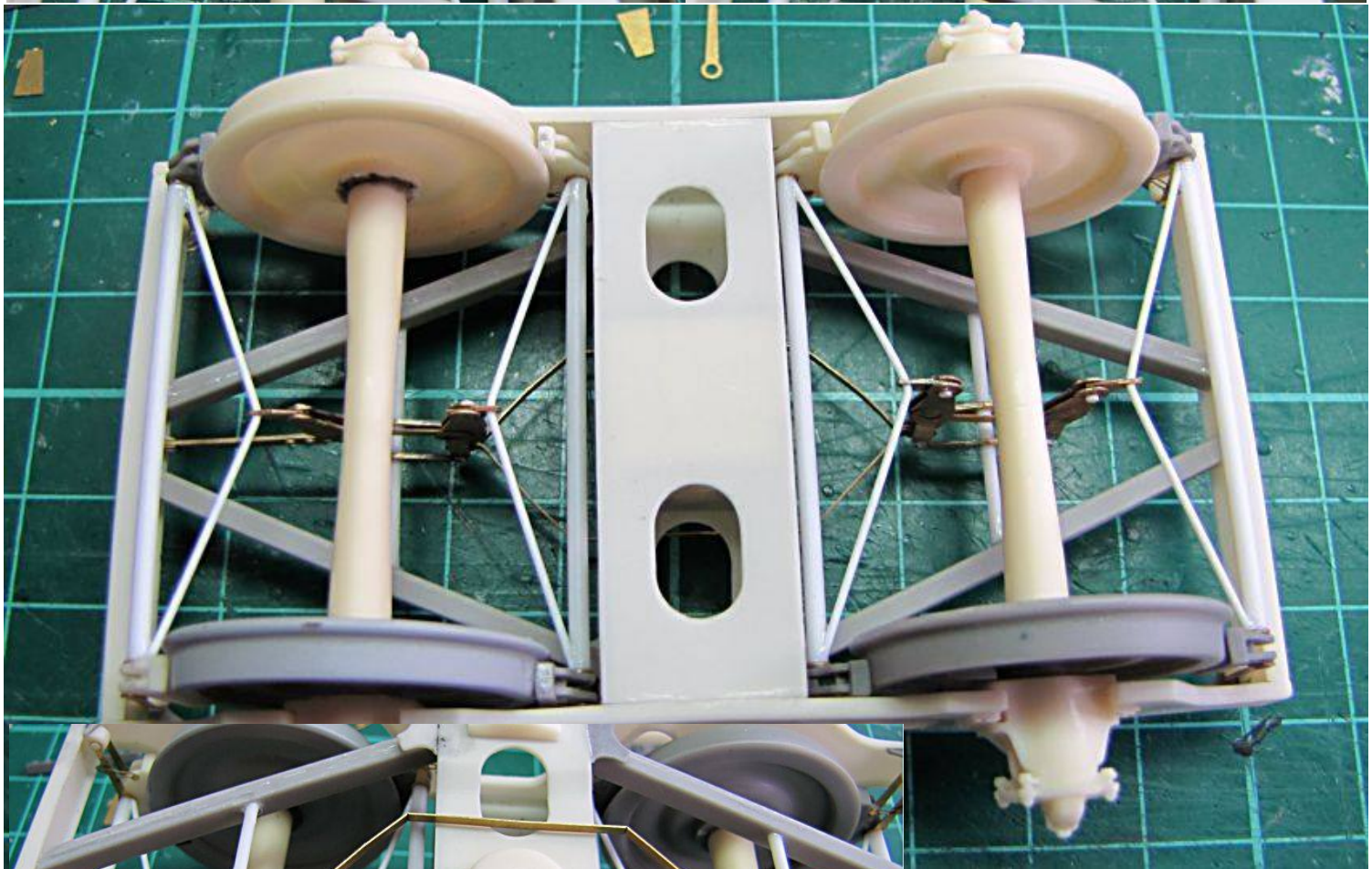
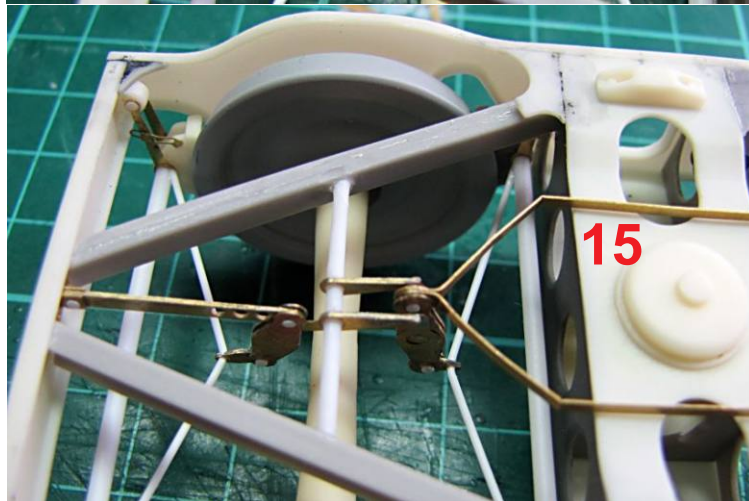
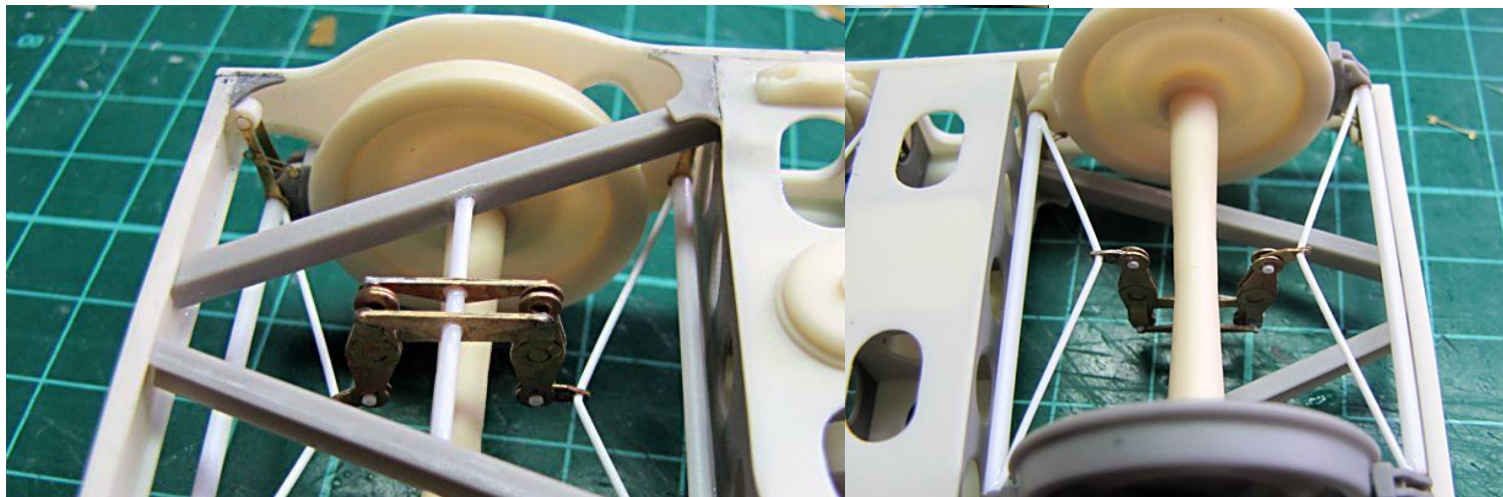


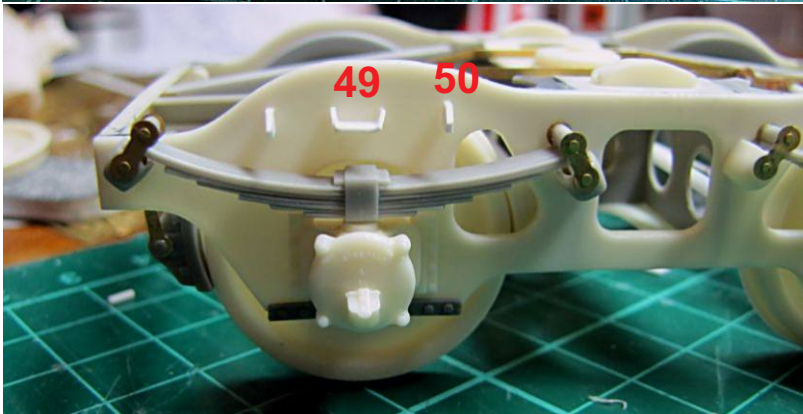
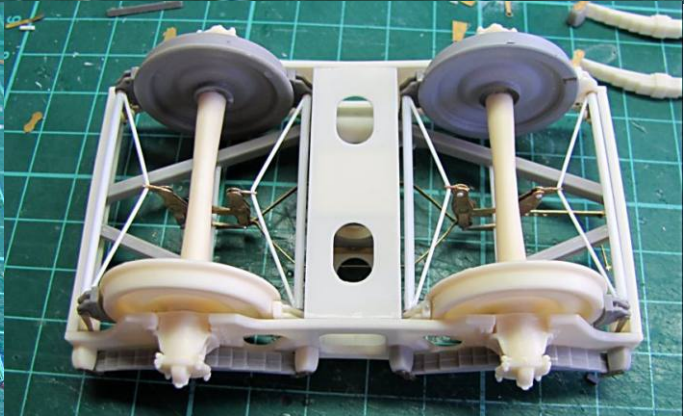
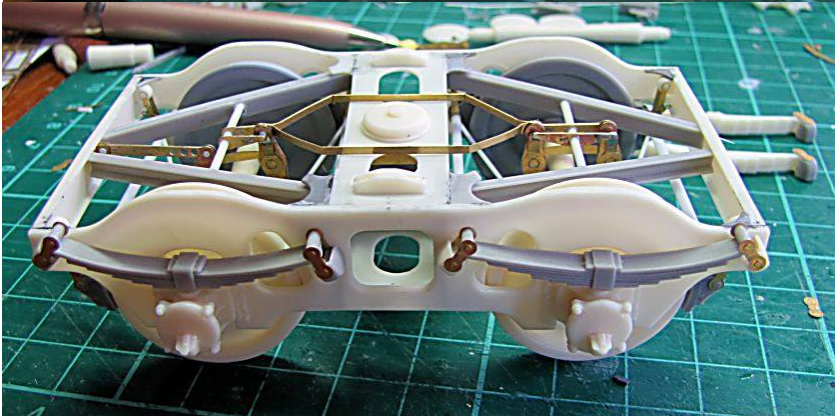
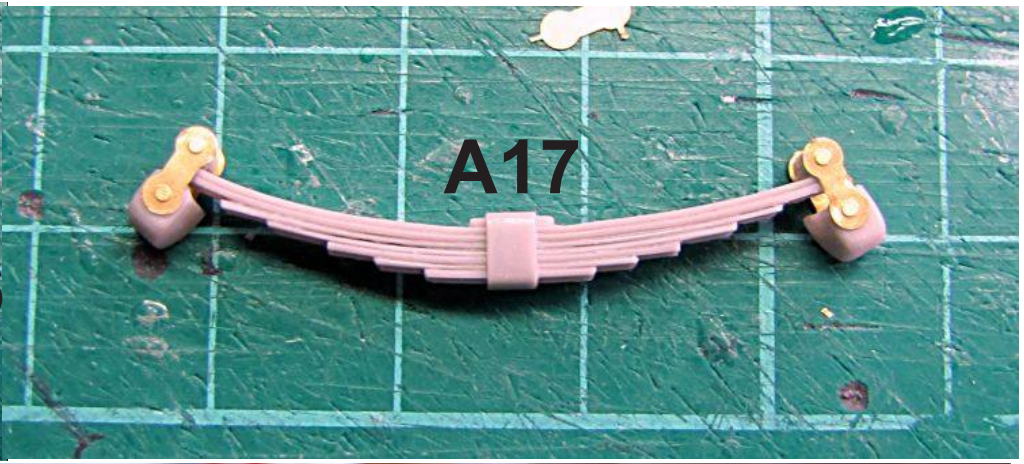
0,6mm wire about 43mm long

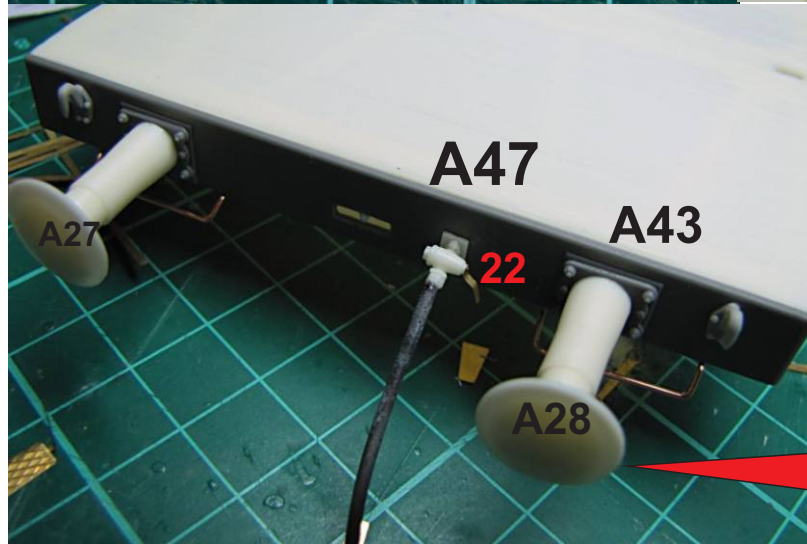
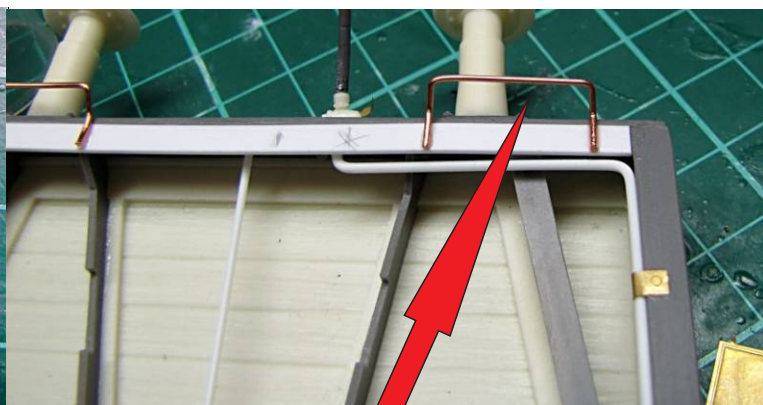
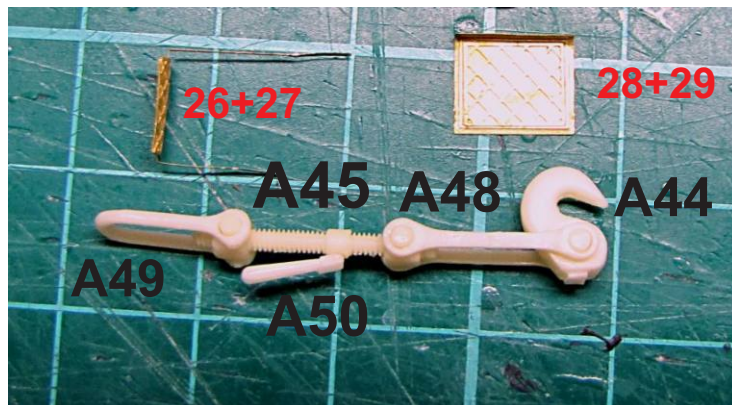


1,6mm rod about 41mm long

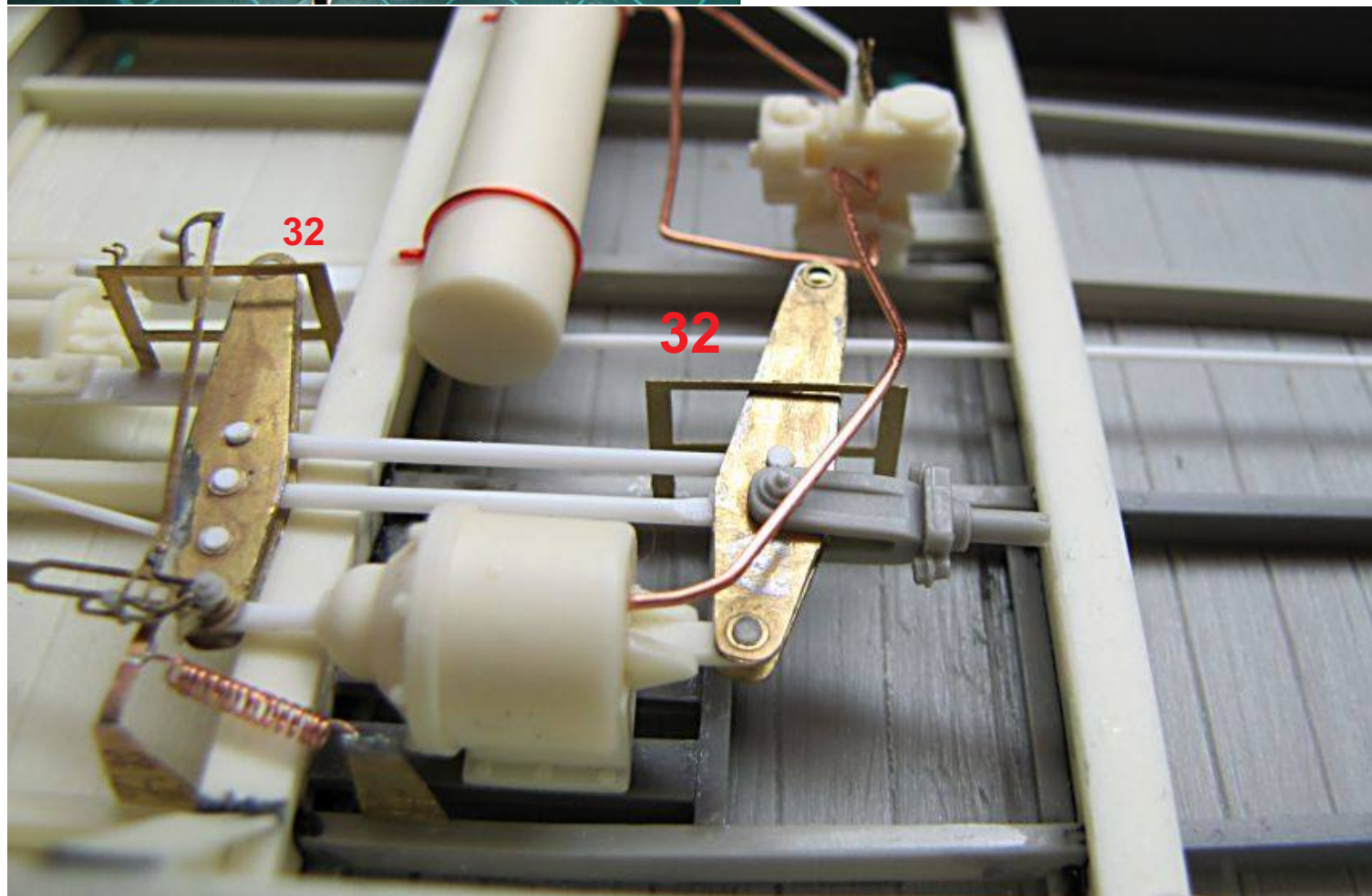


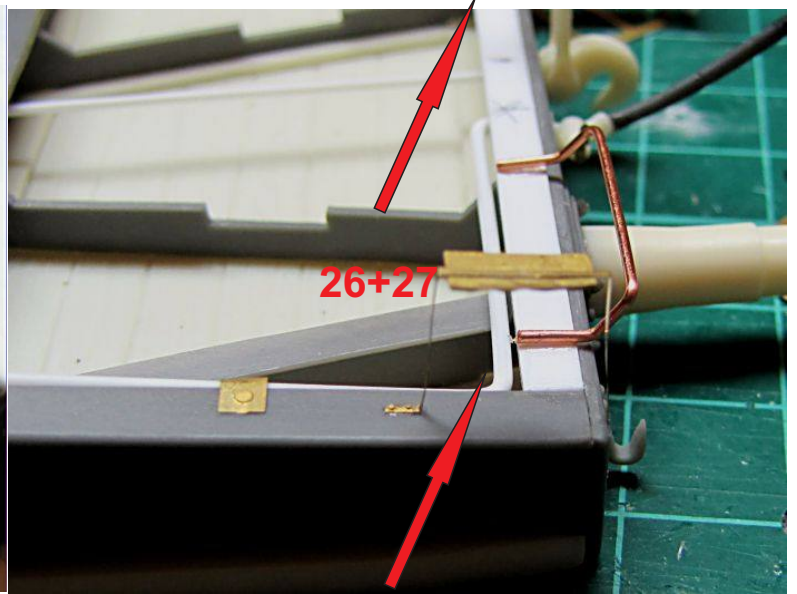
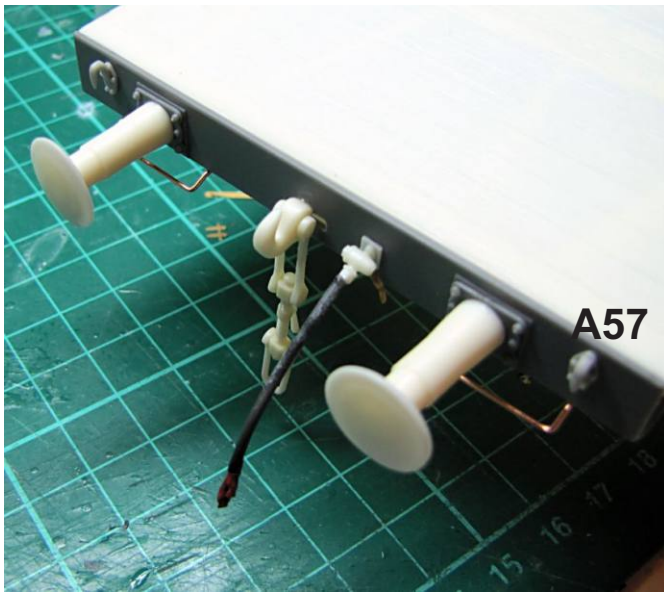




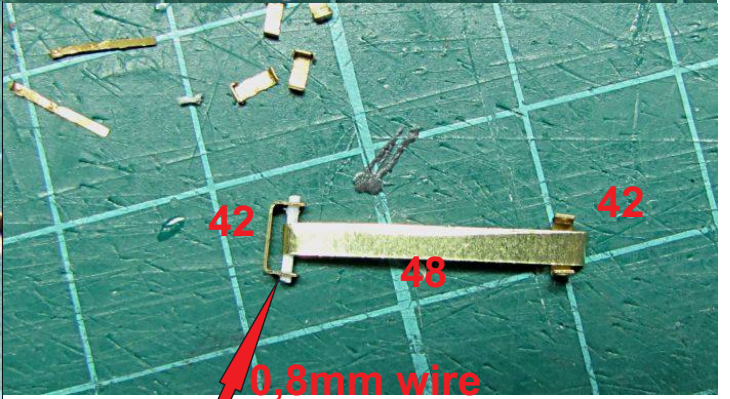
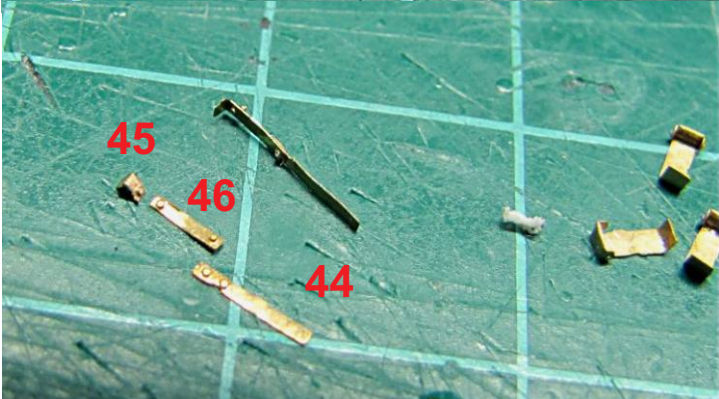
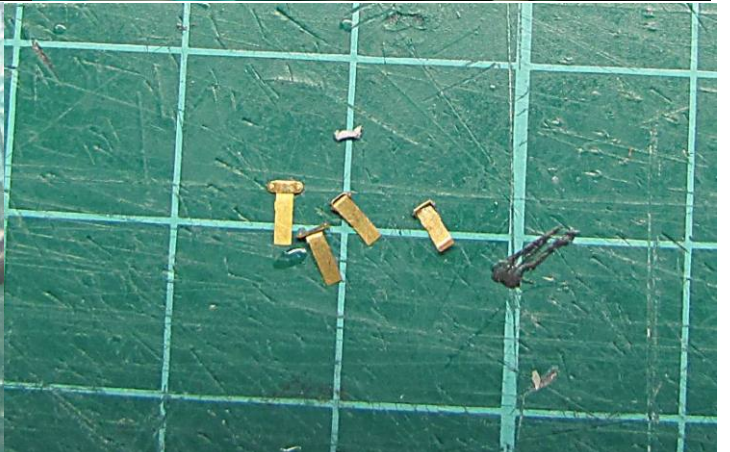
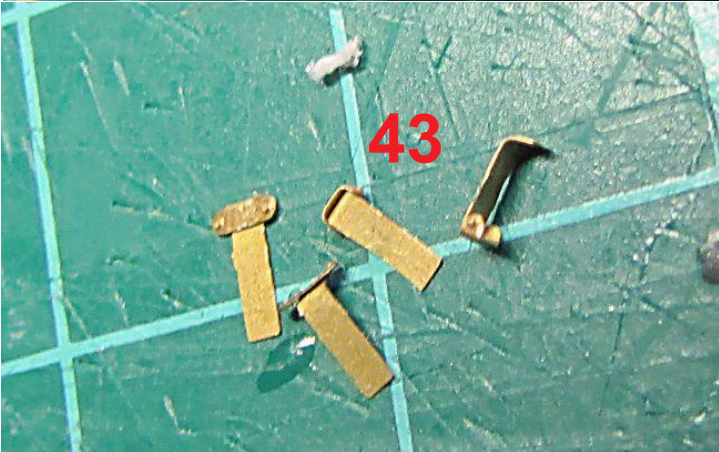
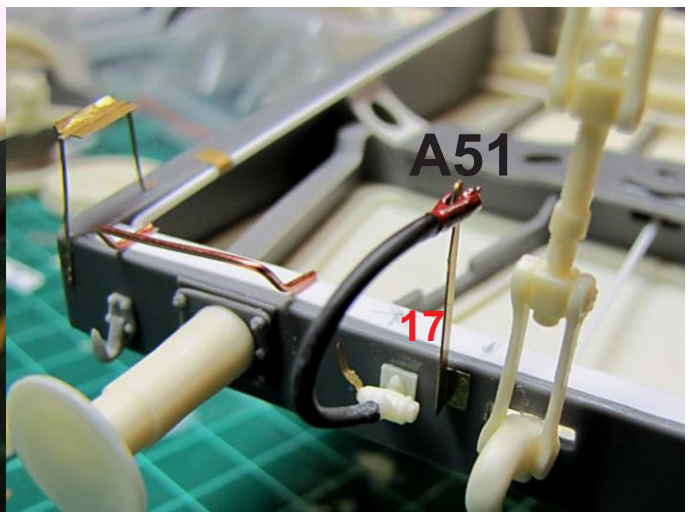
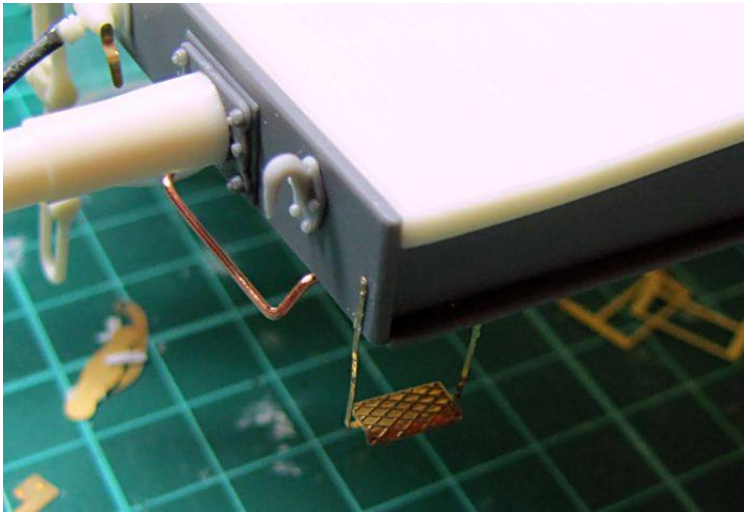


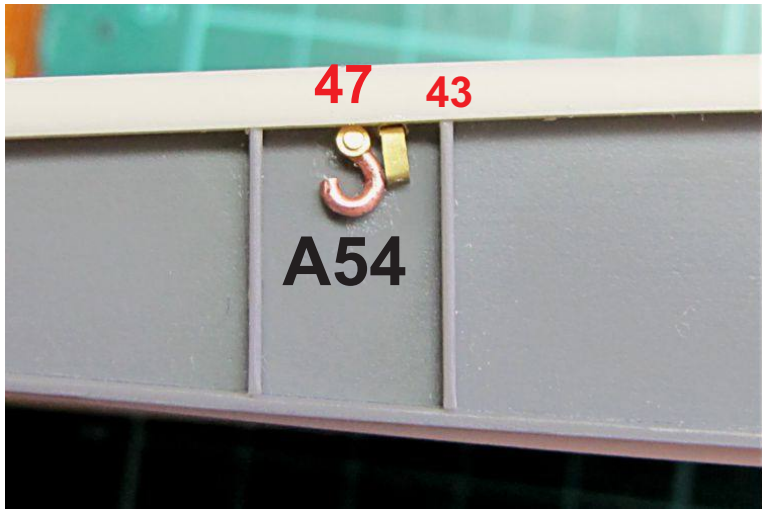
Flat buffers assembled on the left sides



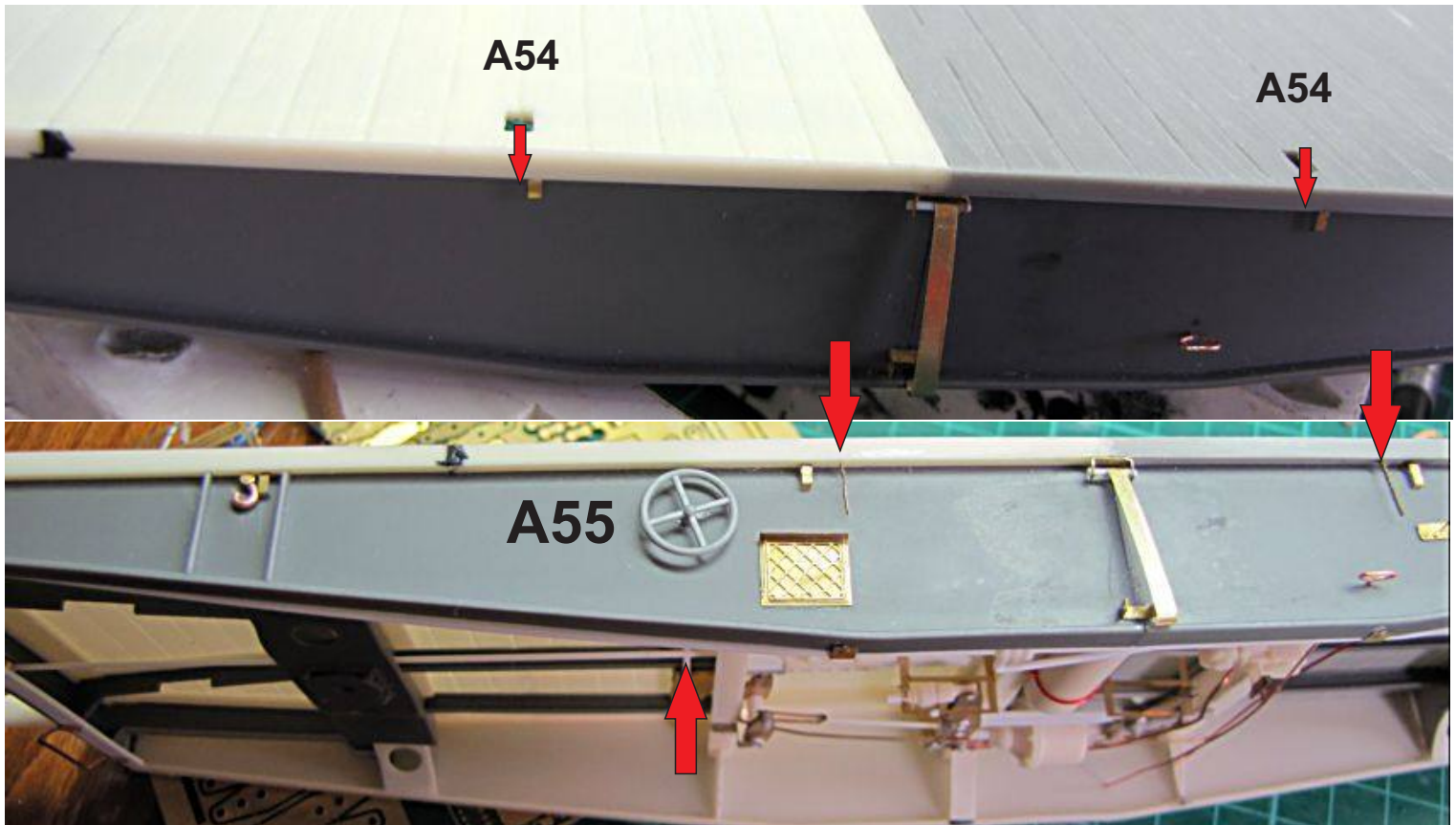


Footboards mounted on the left and right side only at one end of the wagon

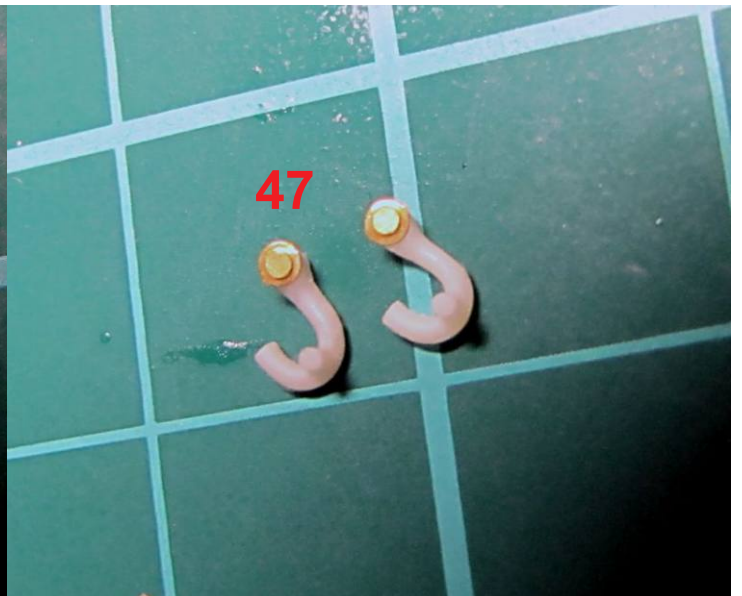
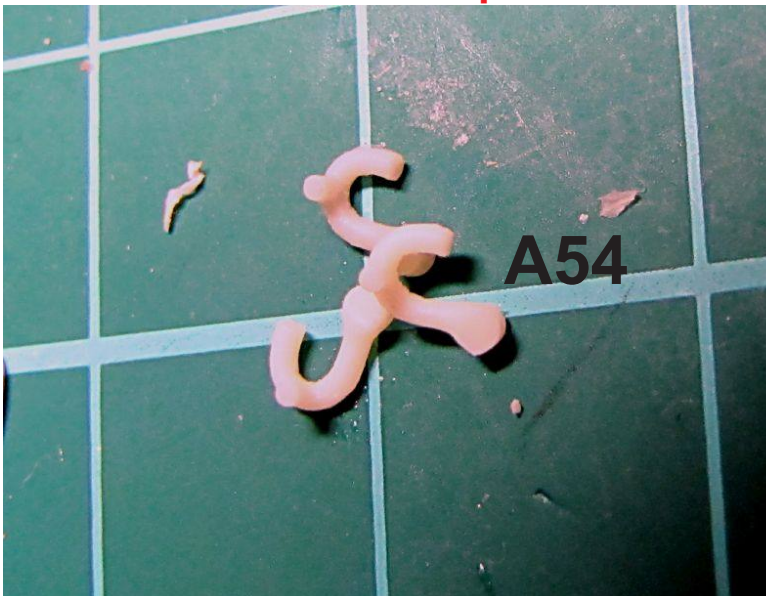


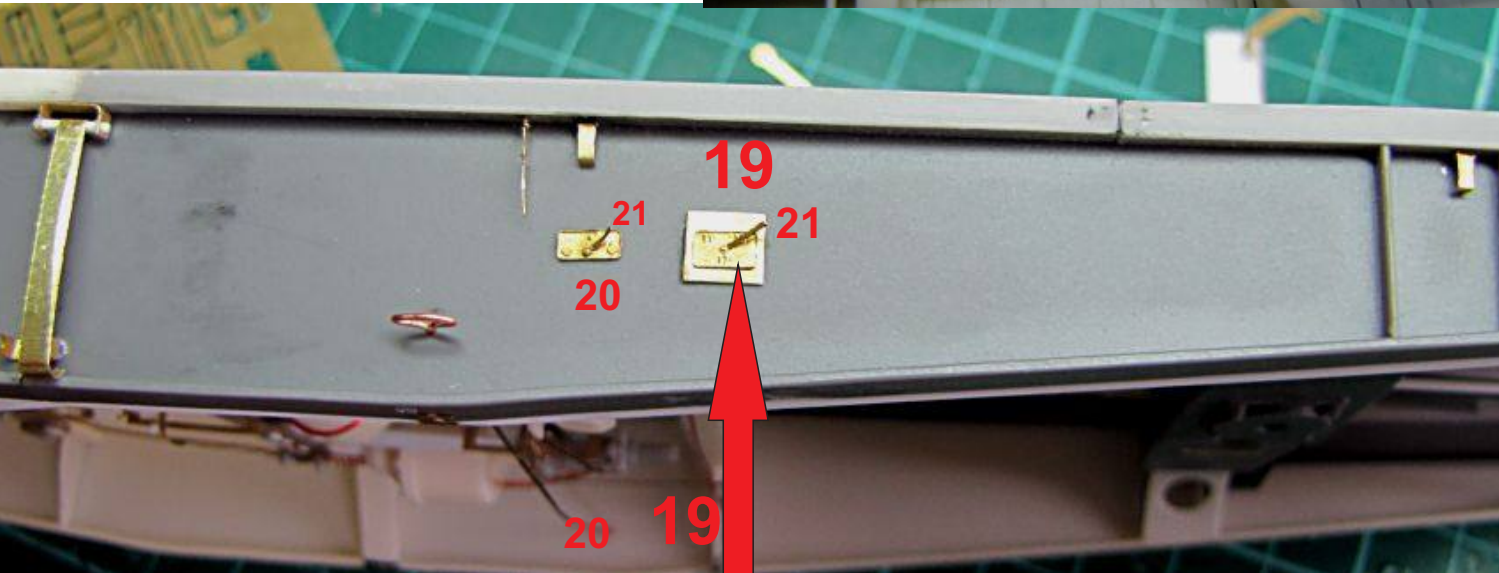
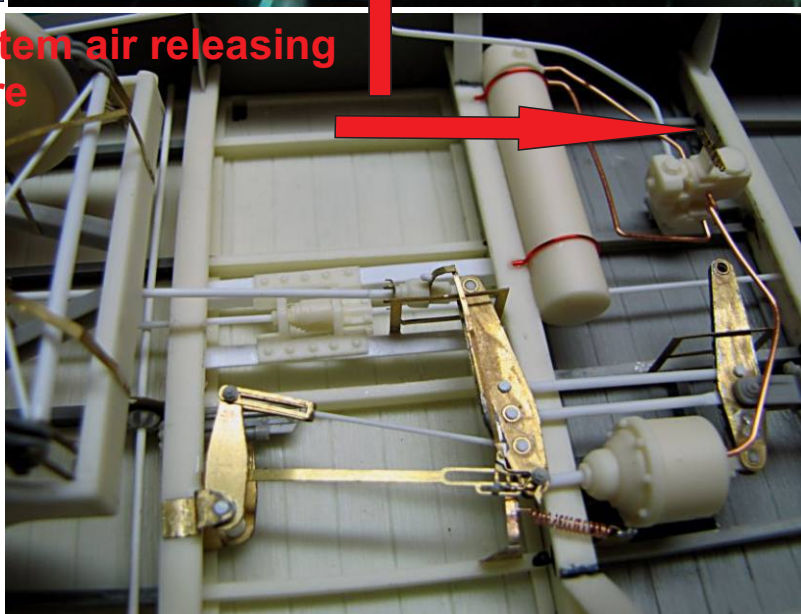
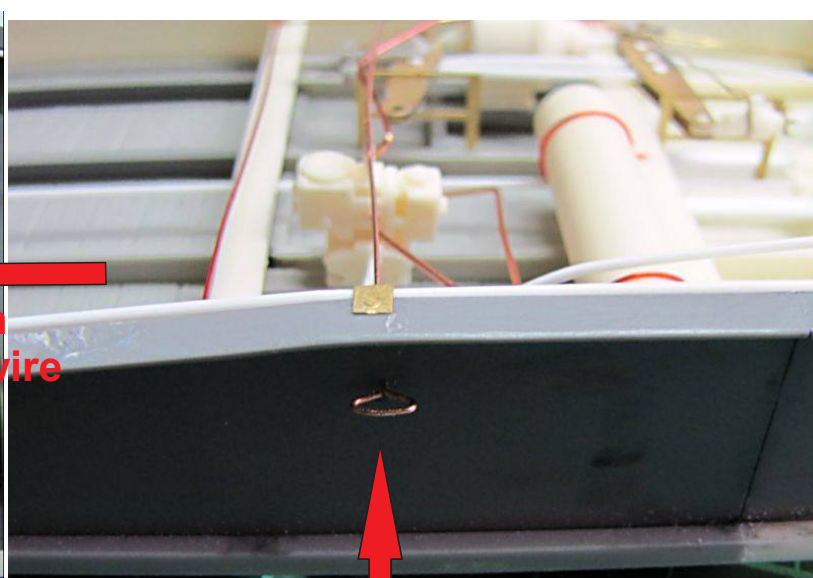
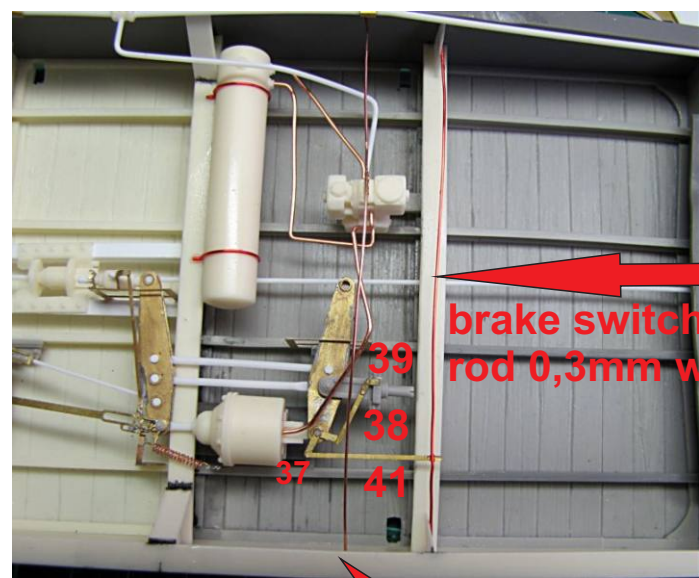


hooks are located in the centre of stanchion holes with locks (43) on the right



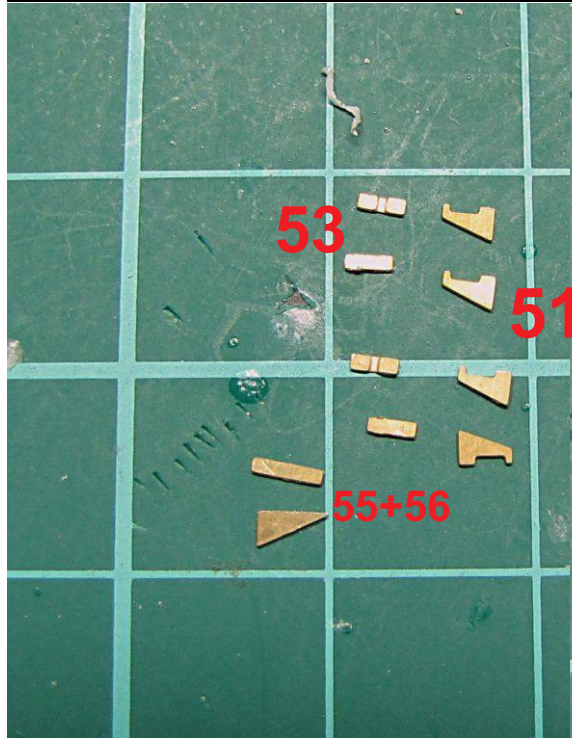
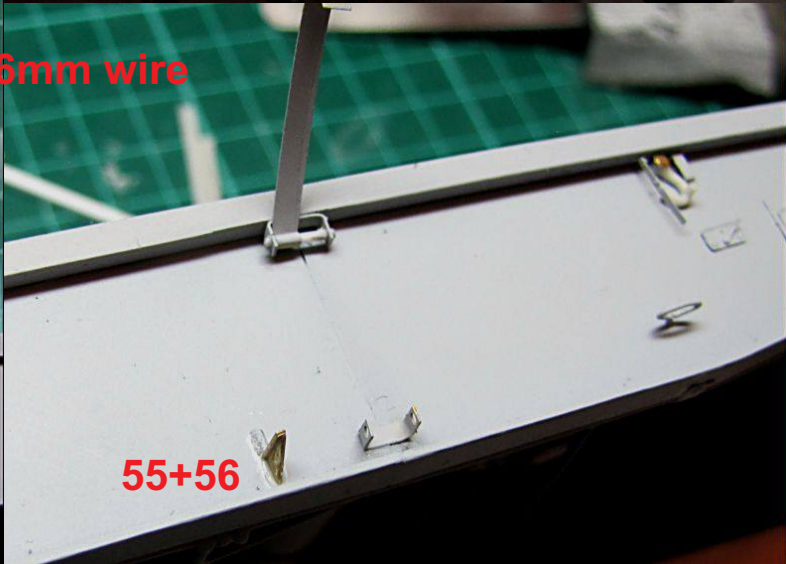
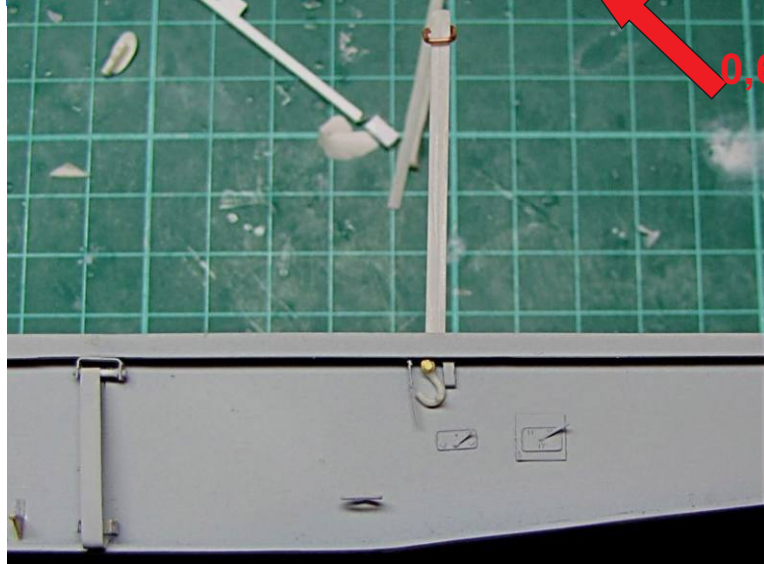
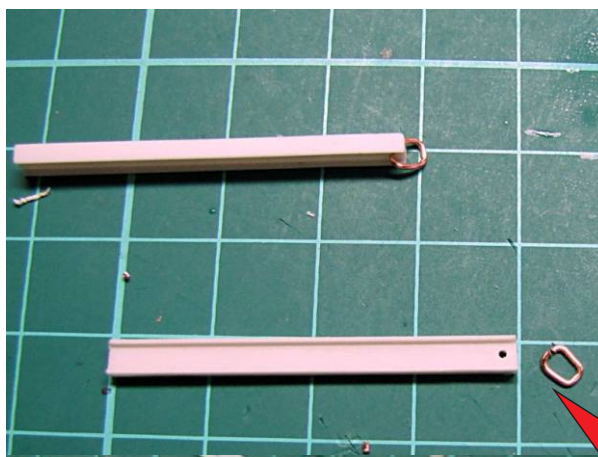
Completed hangers (44+45+46) assembly shown by arrows
brake wheels to correspond with rod



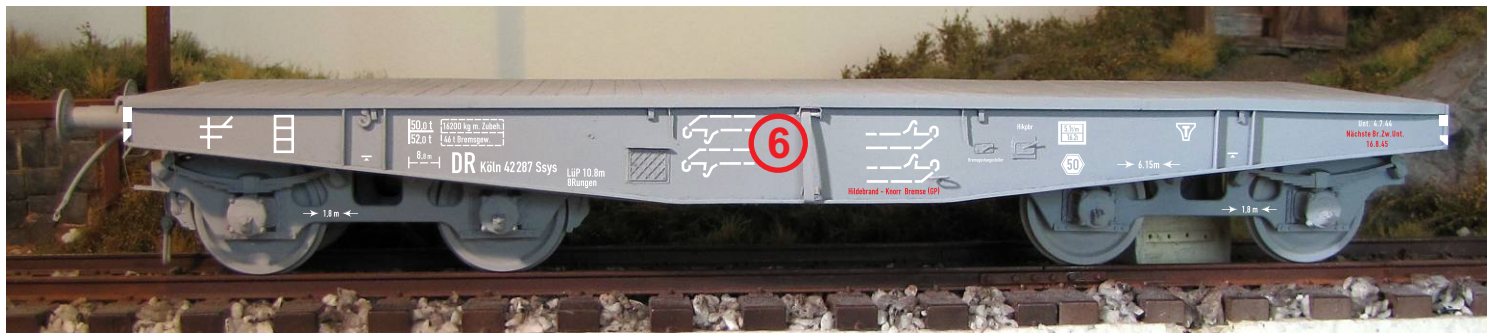
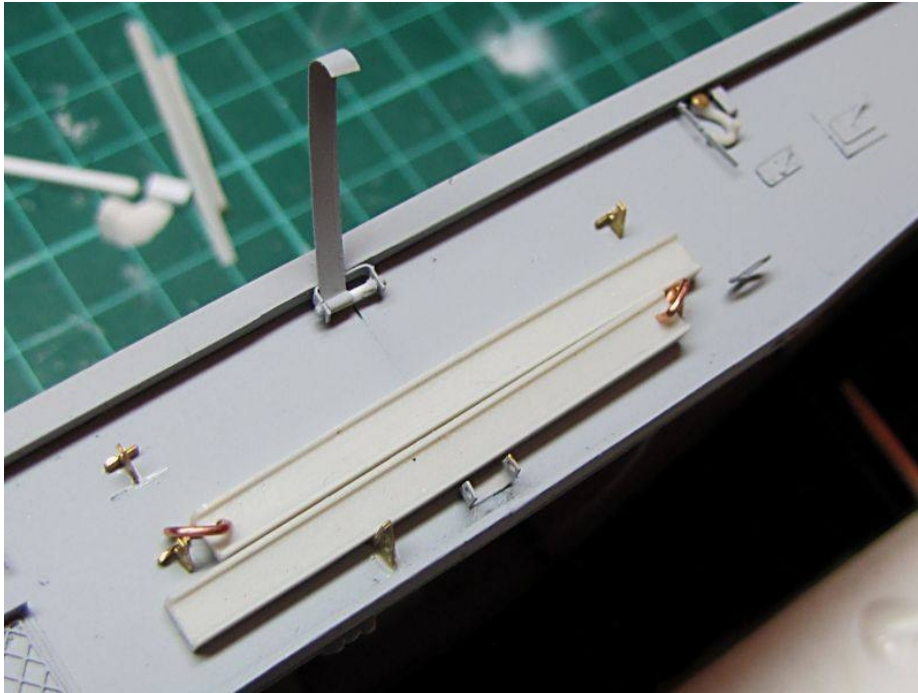
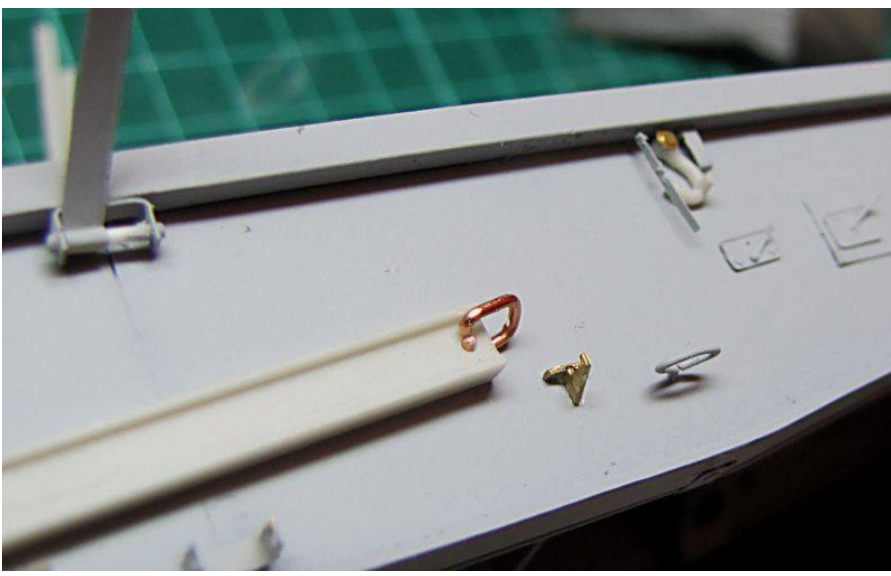


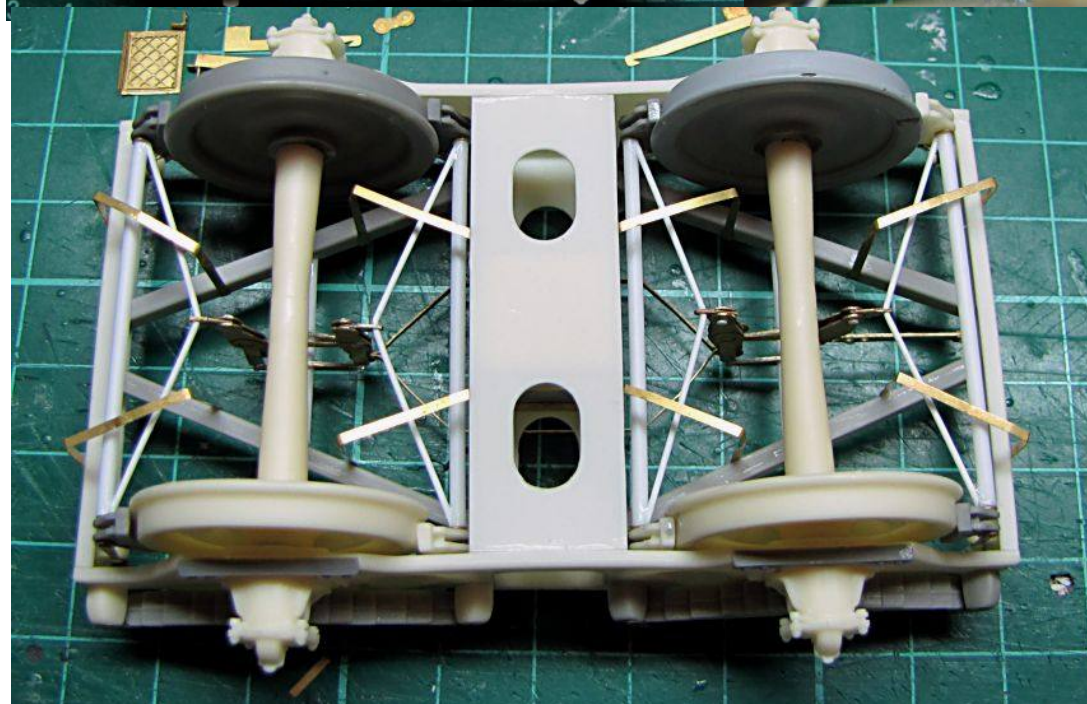
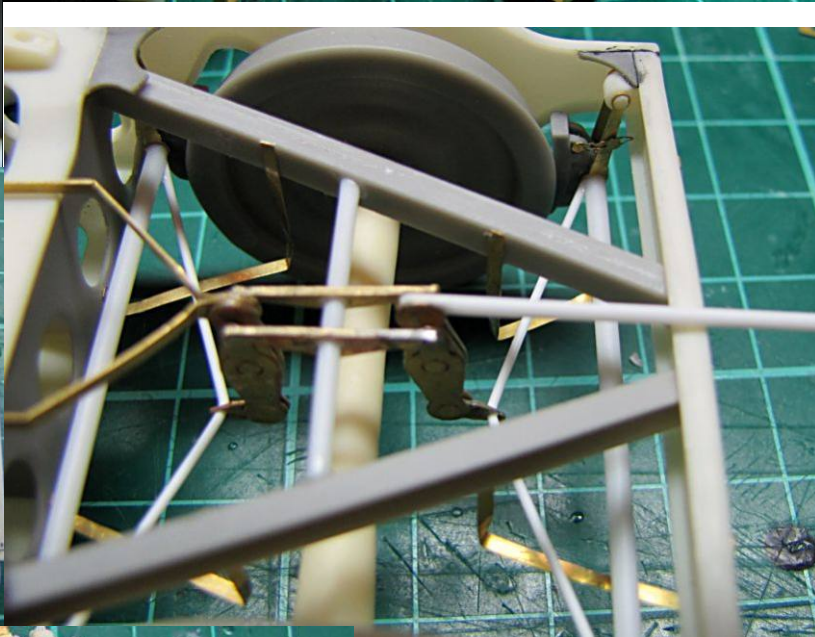
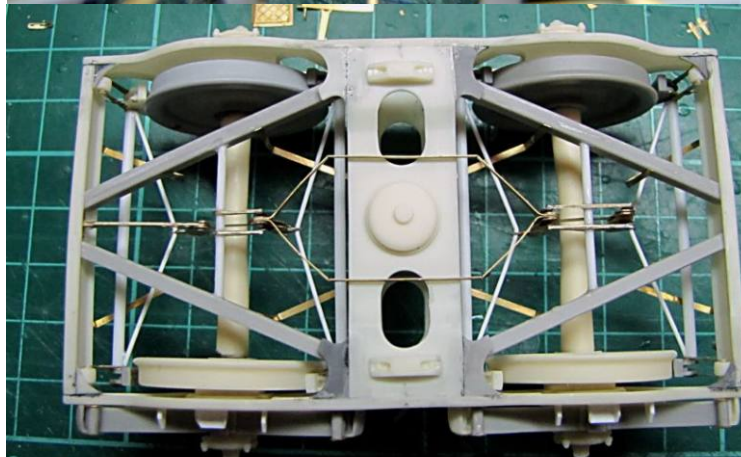
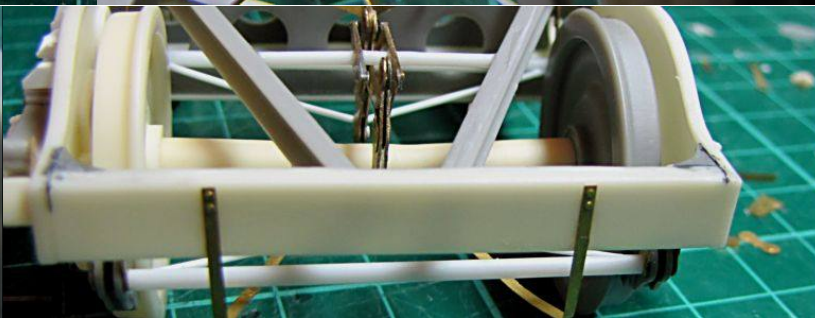
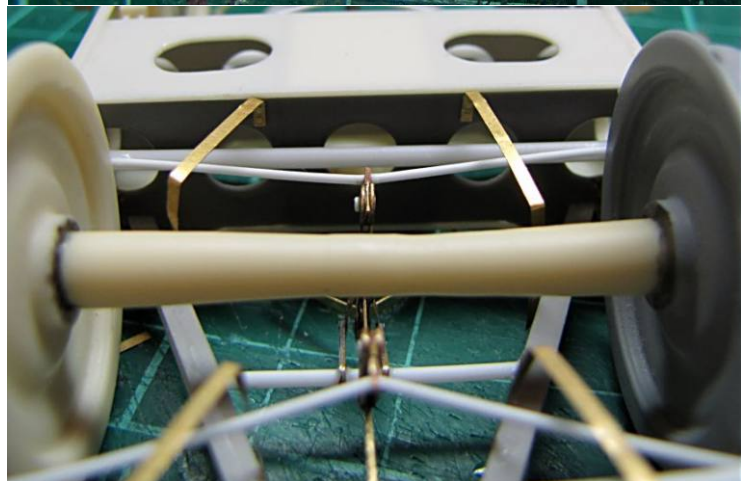
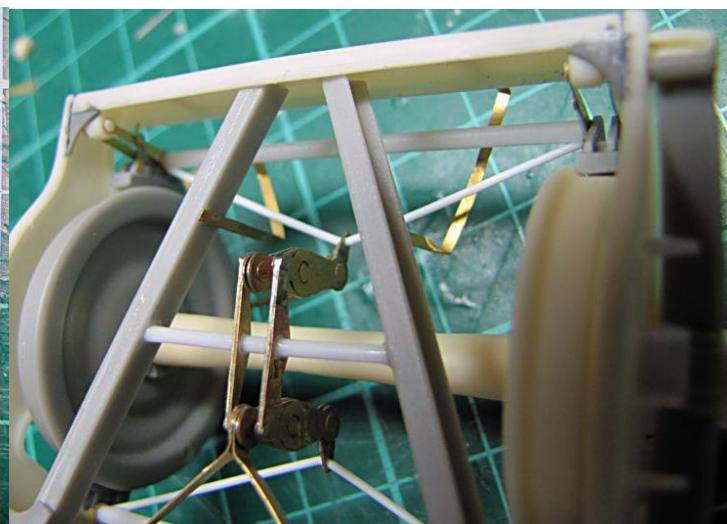
This lever to correspond with brake switch rod, smaller plate (20) is assembled on both sides of the wagon to the centre, bigger plate to the buffers

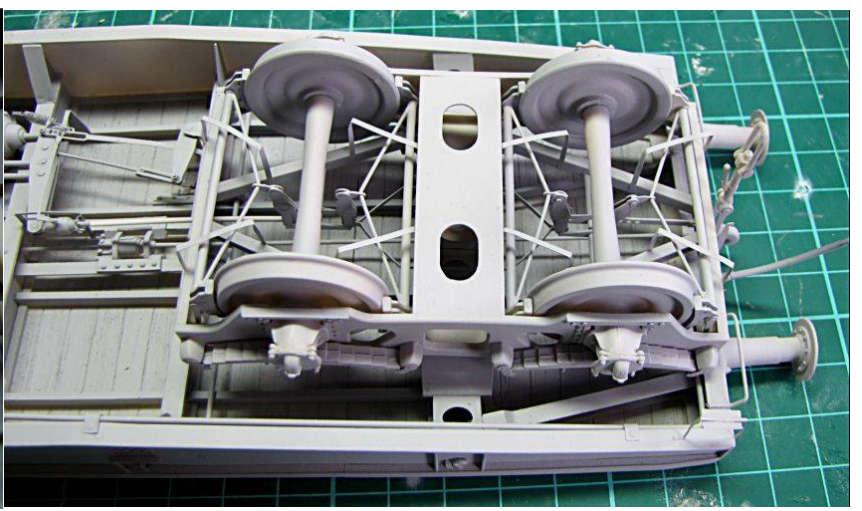
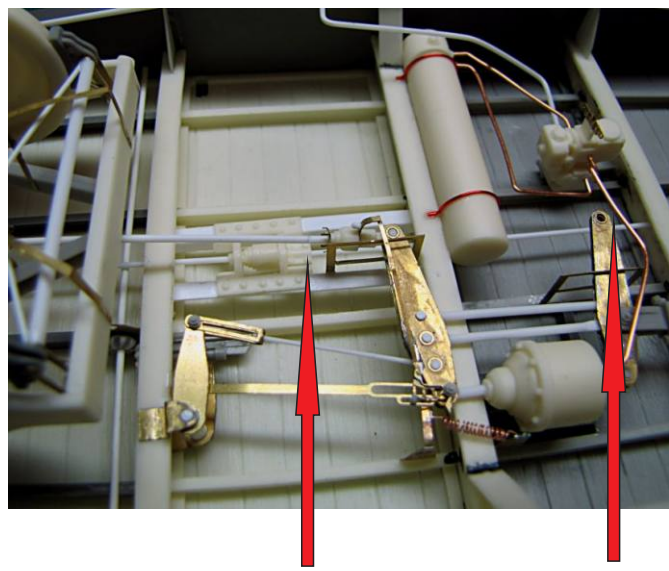




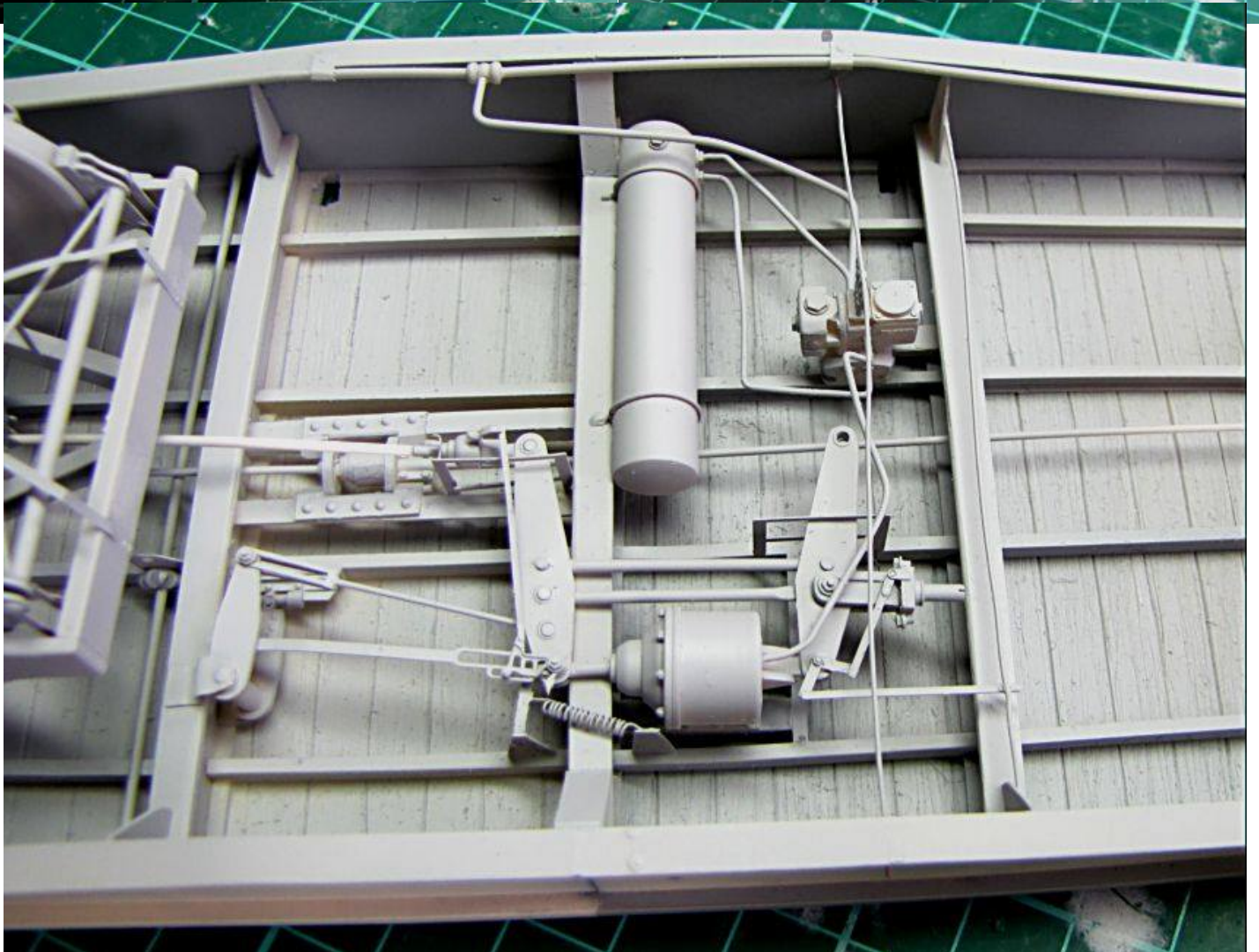
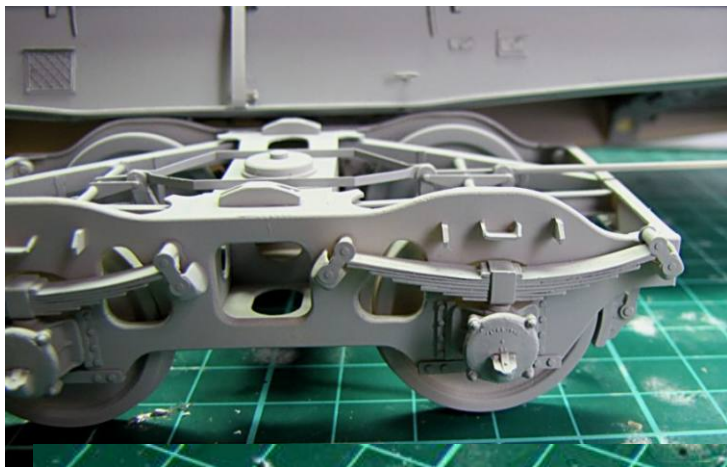
Dry fit stanchions first and glue on PE 51+53. Then apply decals ⑥ on painted sides and finally assembly the stanchions and secure with drop of C/A

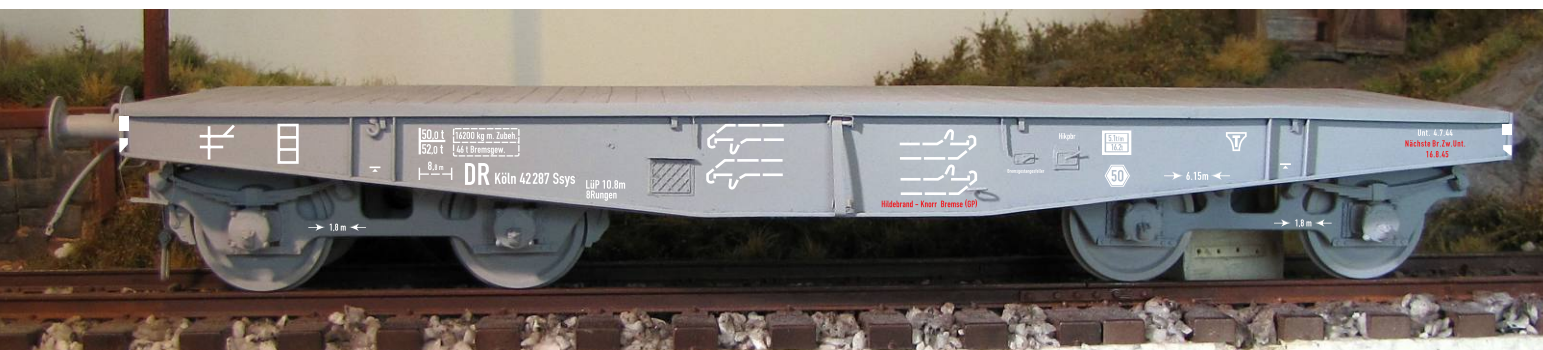






Bogies are connected with brake assembly, 1,2mm rod used





common plate painting example

Ssys wagons were painted in black

