

1/35 German Ommr Flatbed



contains 1 highly detailed and accurate model

106 resin parts

150 PE parts

+ plastic parts and wires needed for assembly

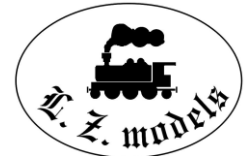
decals for one wagon

glue and paints not included

suitable for advanced modellers

keep safety rules for work with resin

instructions and references on CD



No.35115

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.

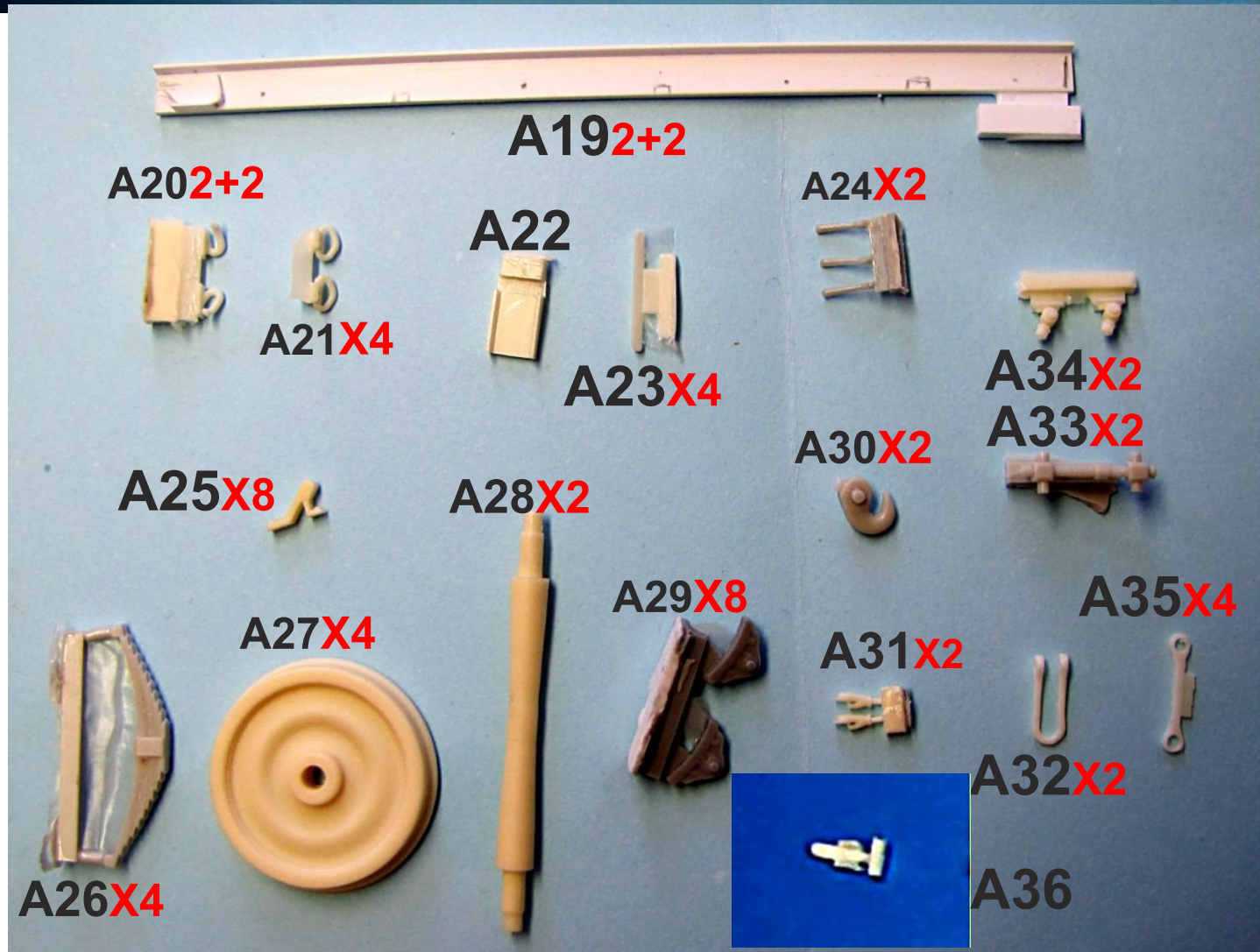
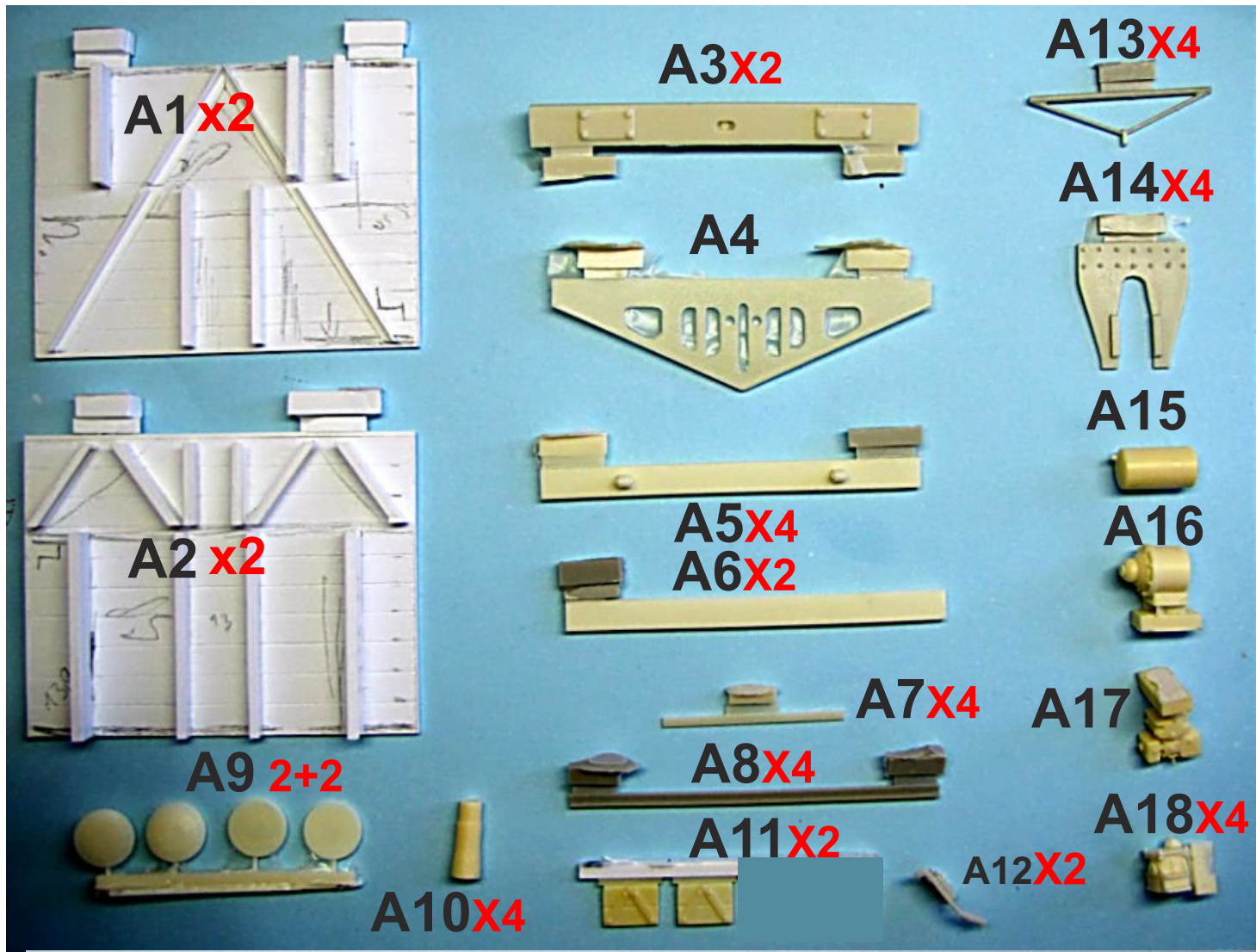
The kit contains small parts, keep it out of the reach of children.

Glue and paints not included

Contains 106 resin parts, 150 PE parts and plastic parts and wires needed for assembly. Decals for 1 wagon

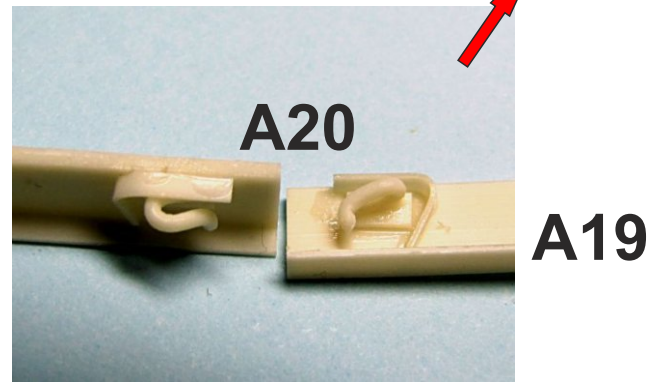
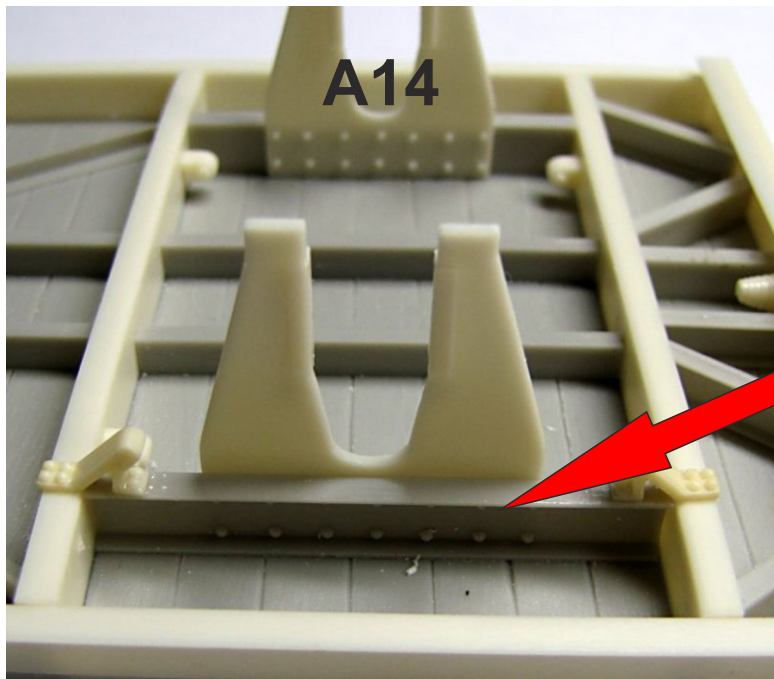
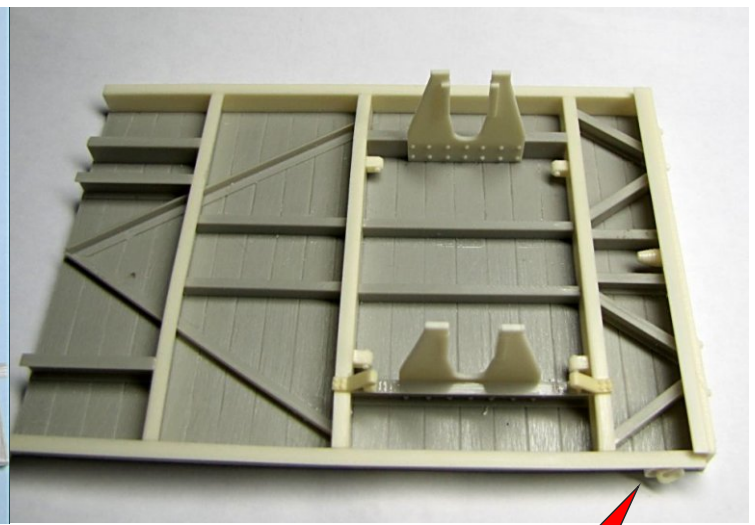
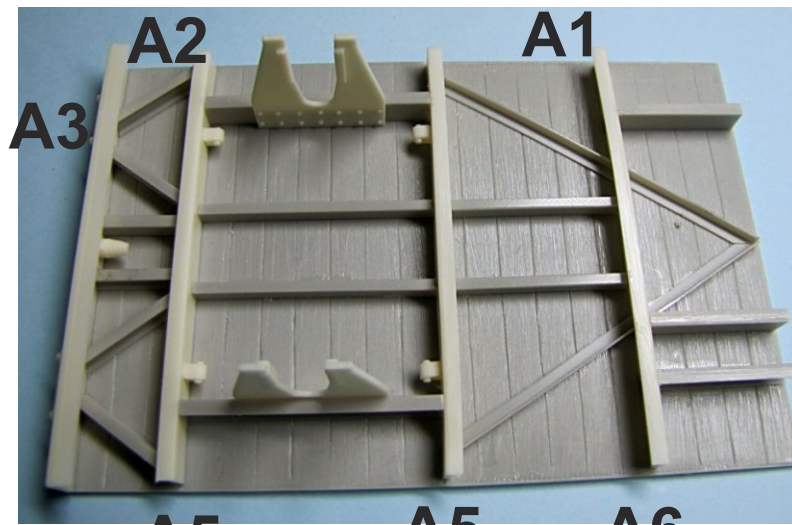
Before WWII Ommr wagons were mostly used in service with sides mounted. During the war German Army required large numbers of flatbeds to move their tanks and vehicles to the East. Ommr wagons could be loaded up to 25 tons, enough for small tanks and trucks, so the Deutsche Reichsbahn put into this task most of the Ommr wagons with sides removed. In that time these were most common wagons seen in trains heading to the East. Armored sides were later added to some of these flatbeds, together with lighter guns and Flaks - they were used to protect German trains against air and ground attacks. A few of these wagons were changed into improvised armoured wagons and used as a part of armoured trains in last years of the war

Kit contains many thin, but larger or long parts, some can warp or bend in the box during time period, especially if stored in hotter conditions. It is very easy, but also necessary to fix these before build - simply put them in hot water shortly and let them cool on flat surface like glass. Another way is to lay them on flat surface first and heat them up using a hear dryer.

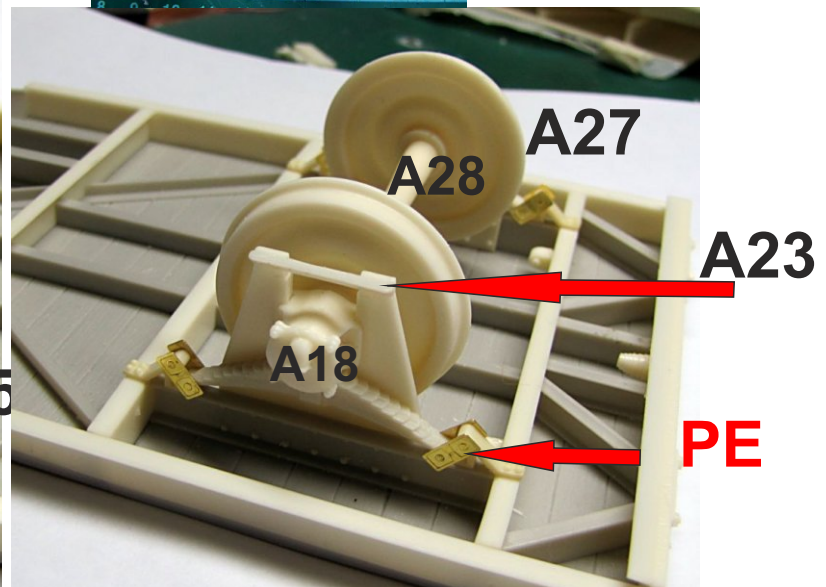
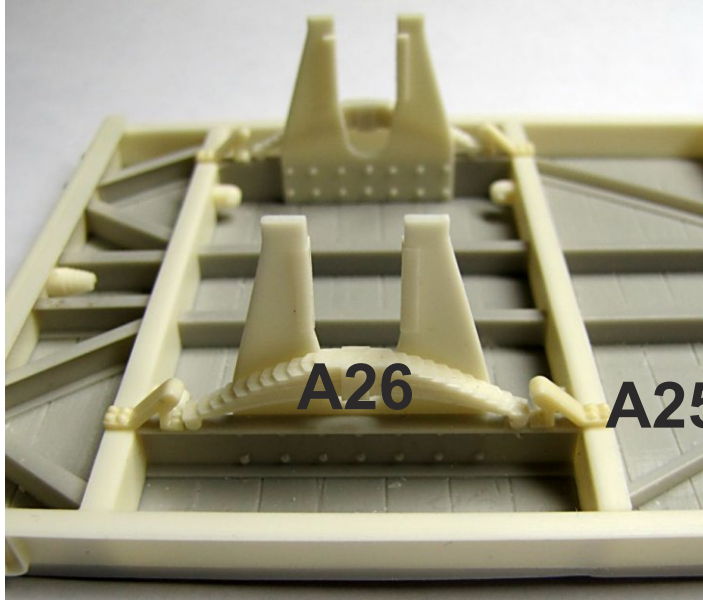


Assembly:

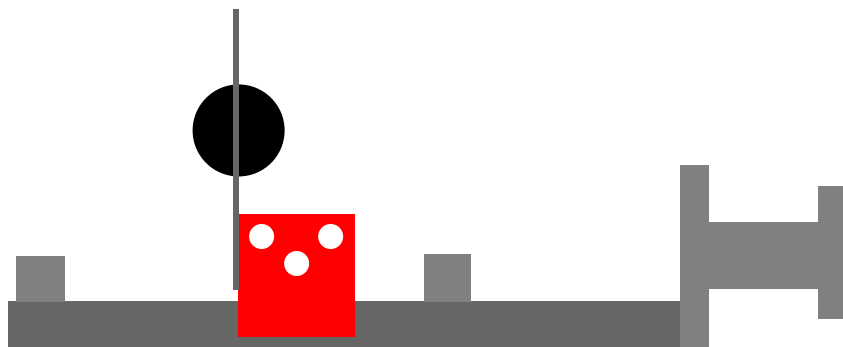
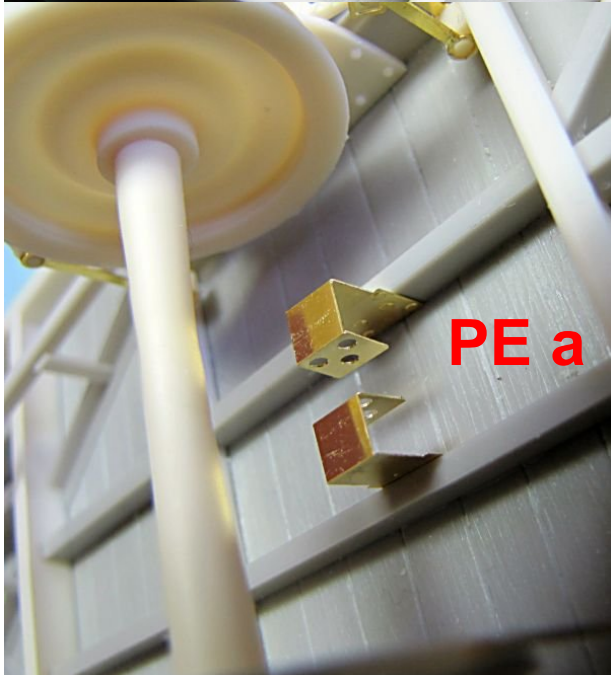
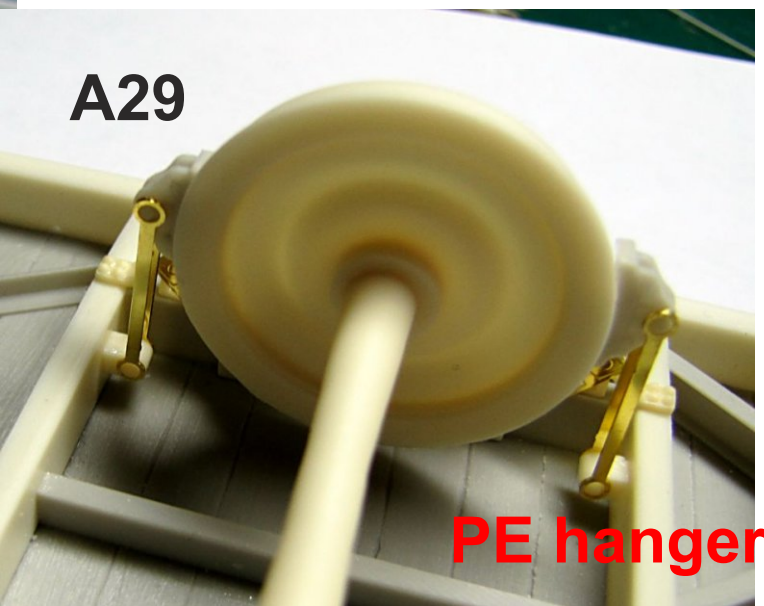
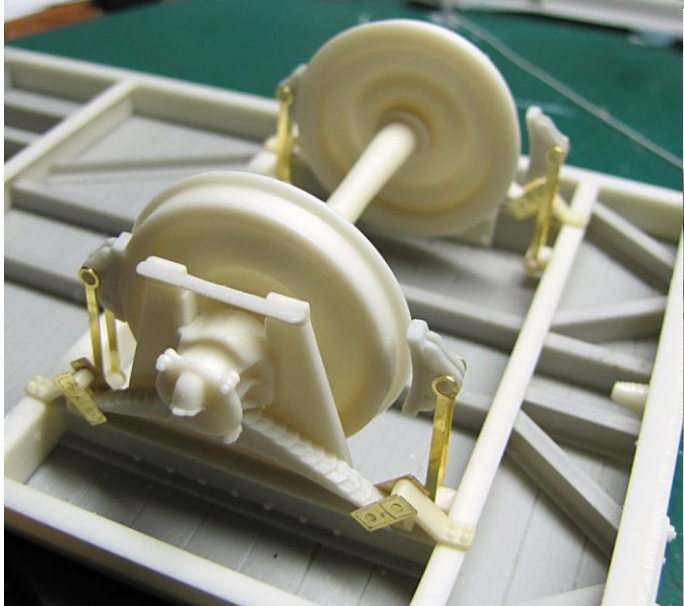
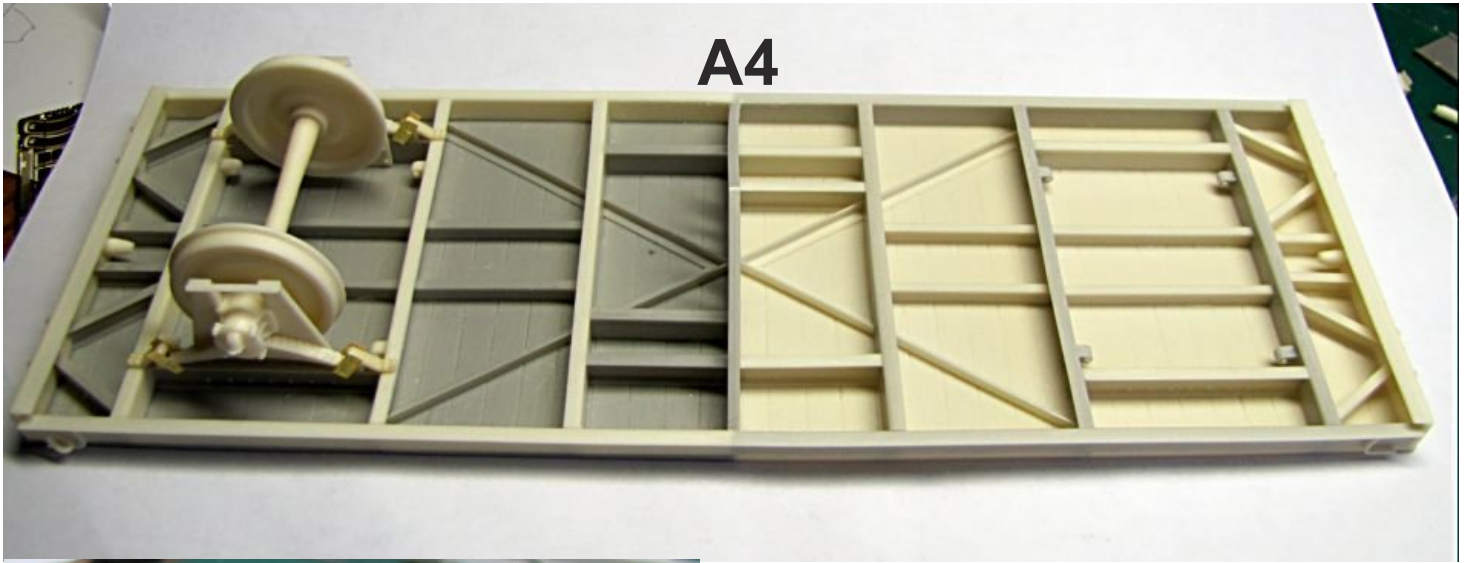
The kit contains many long, but thin parts, some of them might warp in time, it is resin nature and also storage in hotter conditions can cause warping. It is easy to correct with help of hot water or fast blow with hair dryer - fix such a part and then leave it cool on perfectly flat surface. Assembly is easy, but it is very important to keep eye on right angle in any corner, also perfectly flat working surface is a need.



Assemble A14 rivet heads against rived heads on the beams



Little sanding might be needed to get exact length of channels A19 - simply any resin castings always shrink a bit, so these parts are about 0,3mm longer than they need to be - to avoid trouble with short sides. When you have assembled both A1+A2, glue them together after sanding the side beams A19 if needed

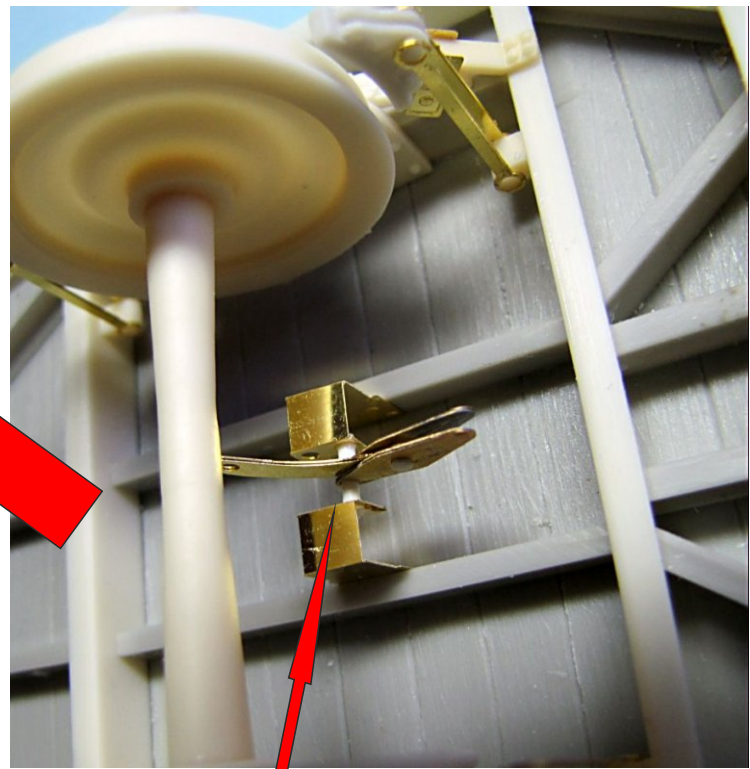


inner edge of PE a placed right below axle centre, see images at next page

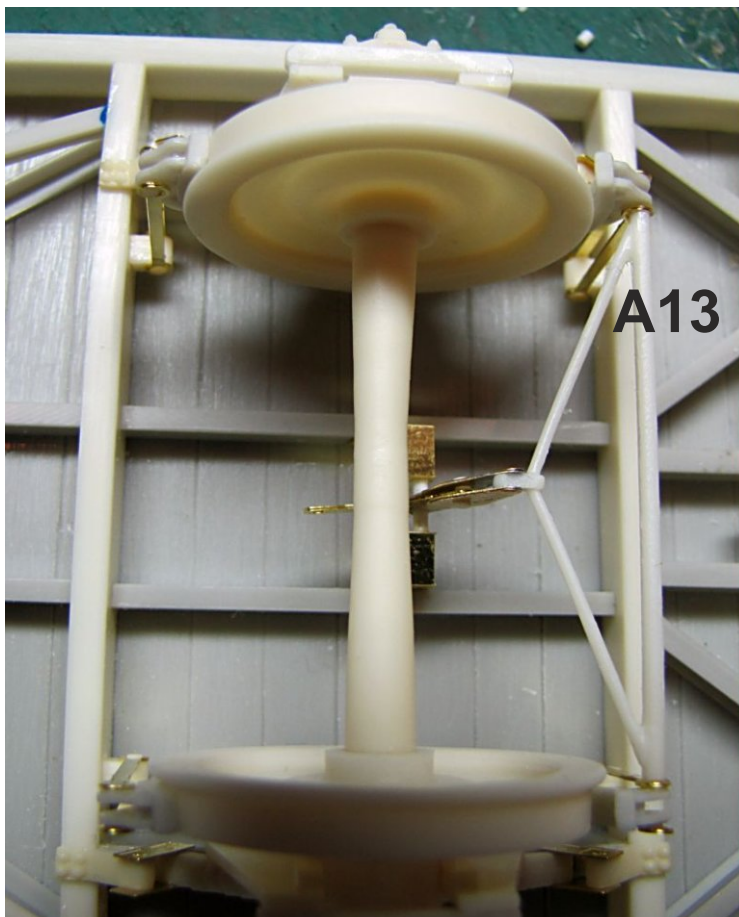
PE b - facing car ends



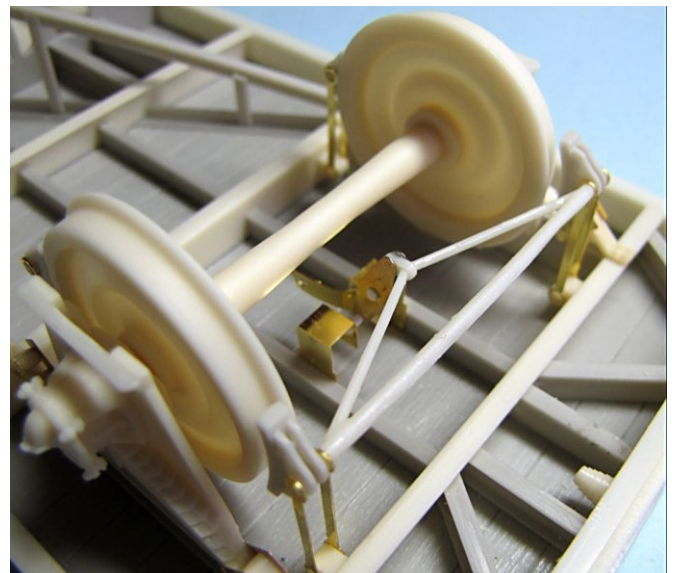
**1,2mm rod
2,5mm long**



2,55 length of 1,2mm diameter rod used for middle holes in PE b. I use lighter to melt rod ends, it secure assembly better than glue. PE s placed between two and two PE b glued or soldered together, assembly secured with rod with melted ends. 6mm length of 1,2mm rod used to hold brake arms between PE a



shorten its length to fit between brakes if needed glue it between PE b



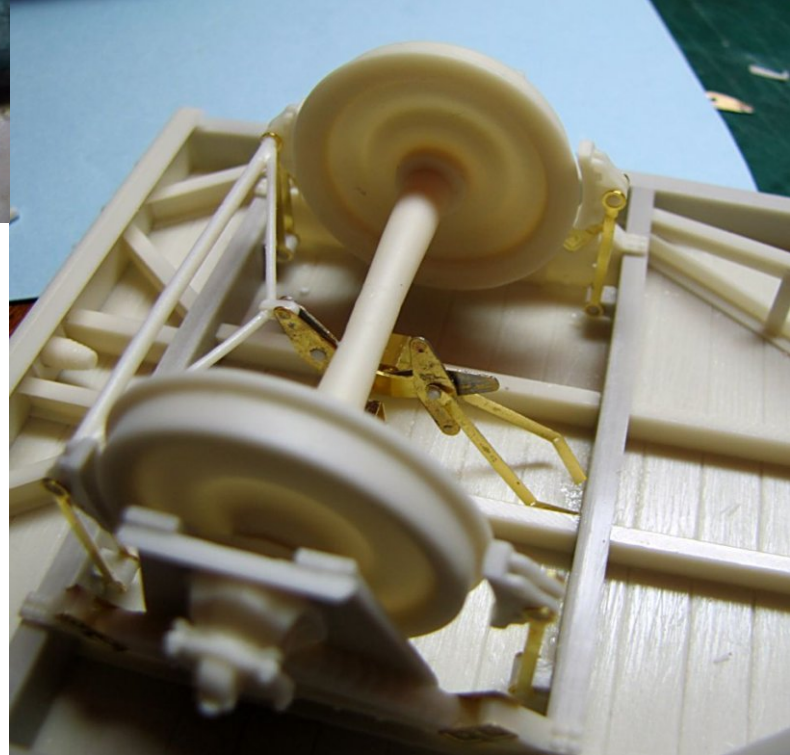
PE c facing car centre

PE m

PE c

first batch of PE b is missing hole in second half of the part, drill it through 1,2mm diameter should it be your case

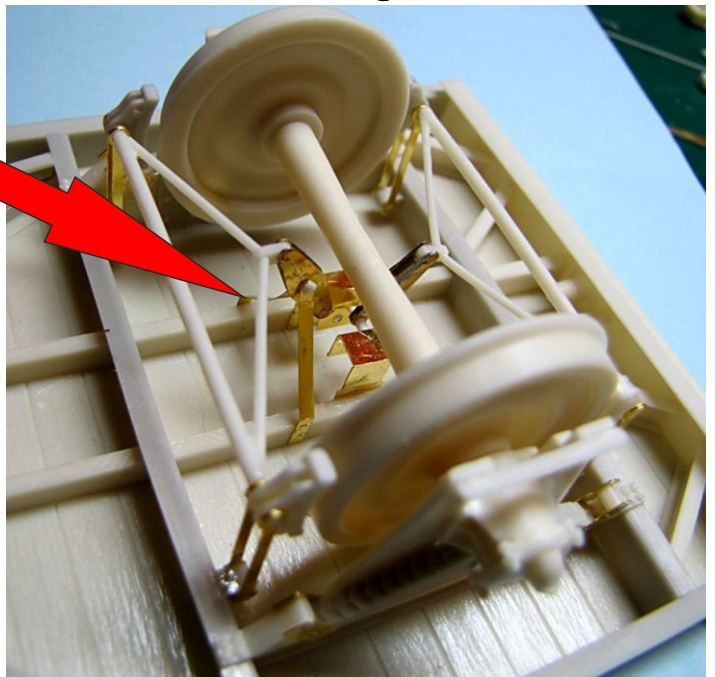
1,2mm rod
2,5mm long

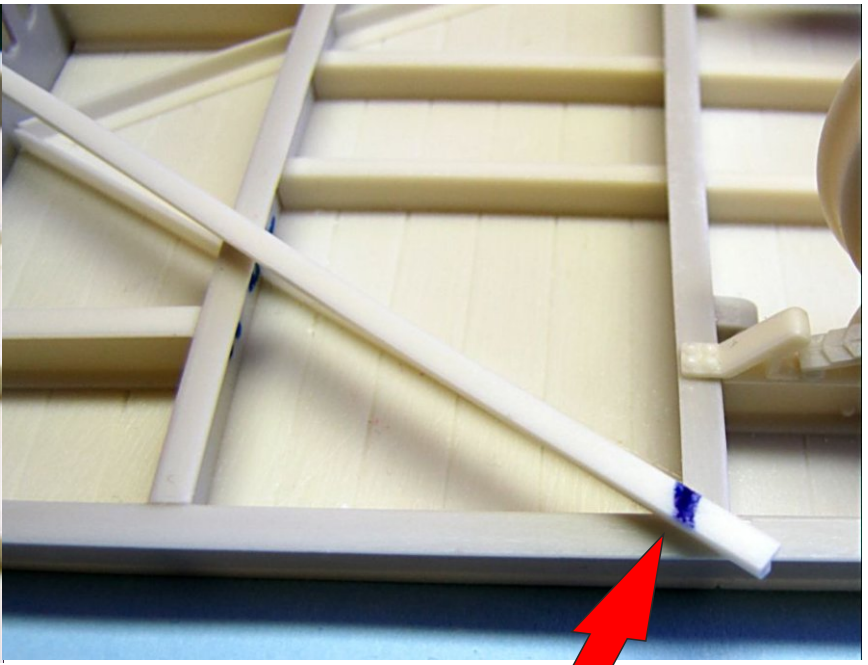
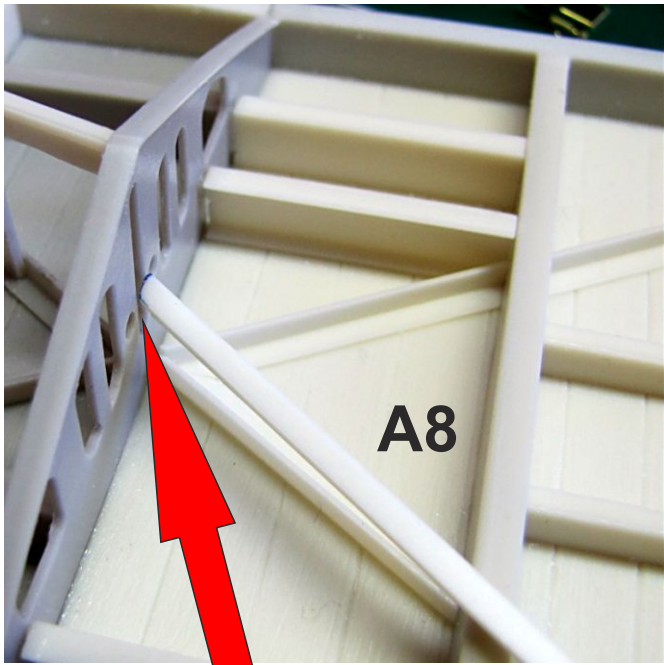


Place **PE c** with **PE m** and push the rod through **PE s**, then add second half of **PE c** and finally **PE m** - secure with glue. At the end glue **PE m** on the A1 beams

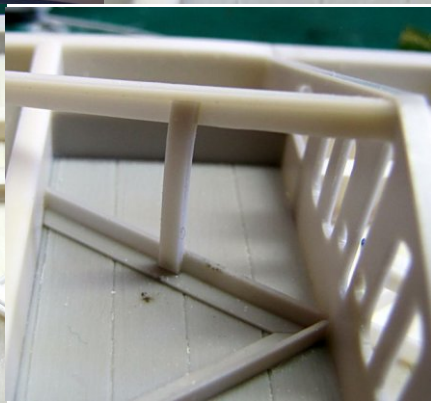
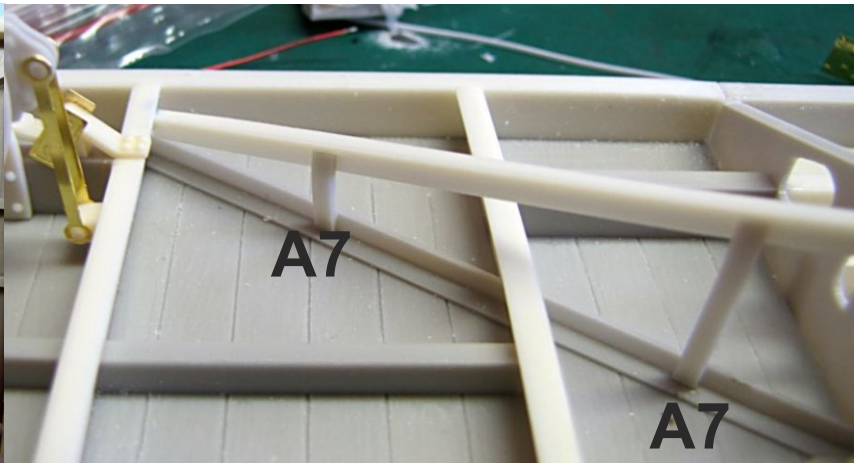
add A13 shorten its length to fit between brakes if needed glue it between **PE c**

Repeat for opposite side

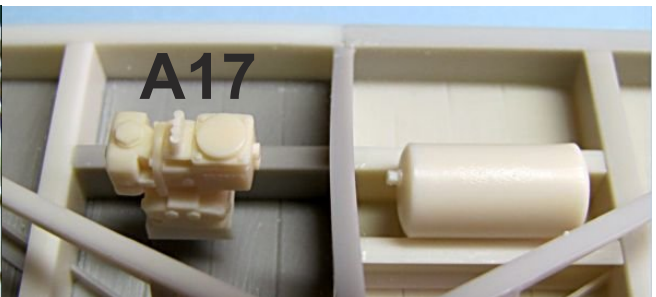
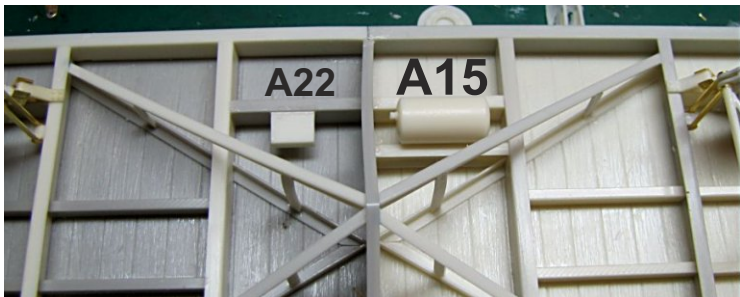


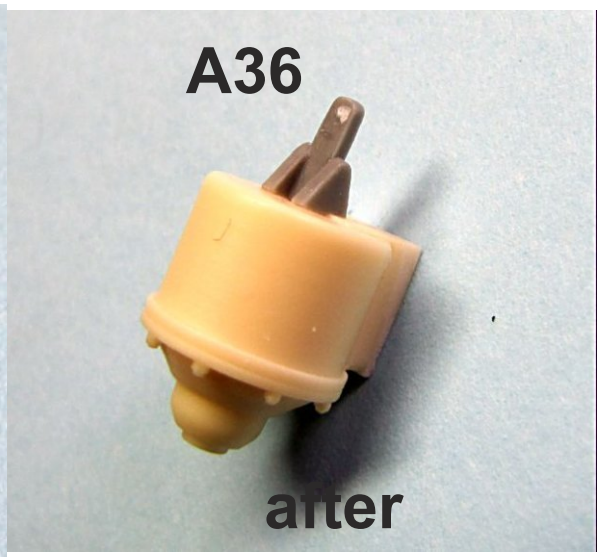
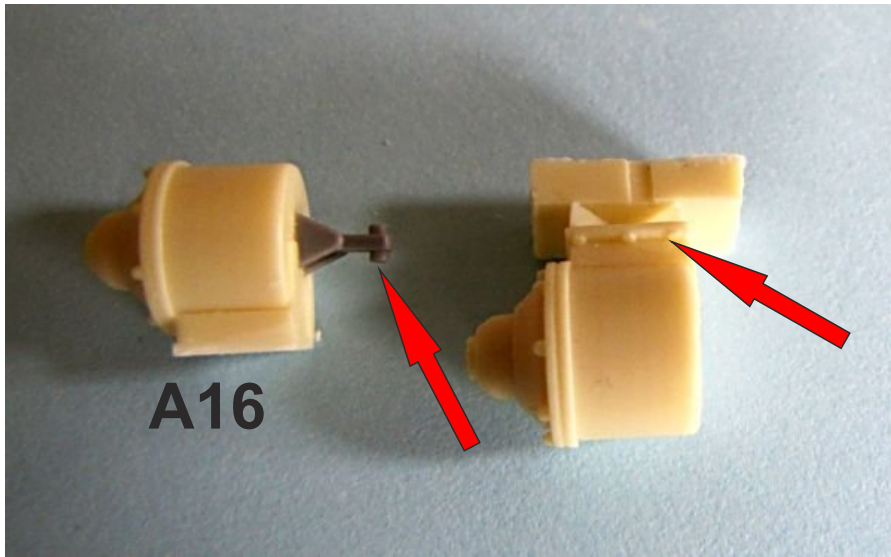


cut end of A8 in angle needed, glue on A4, then cut its other end in angle and length needed and glue on A5

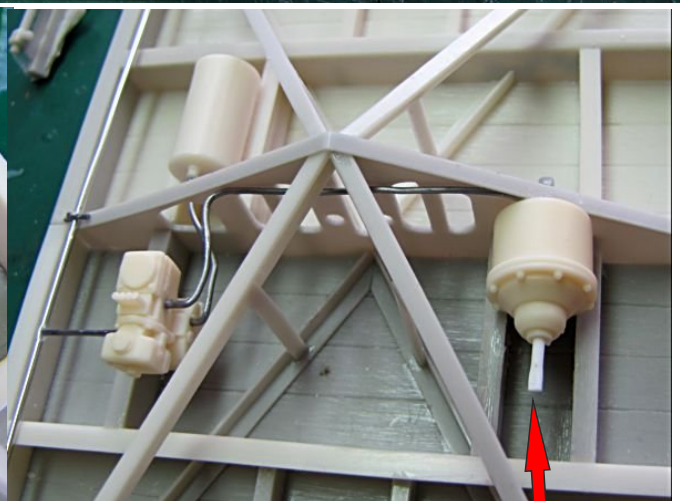
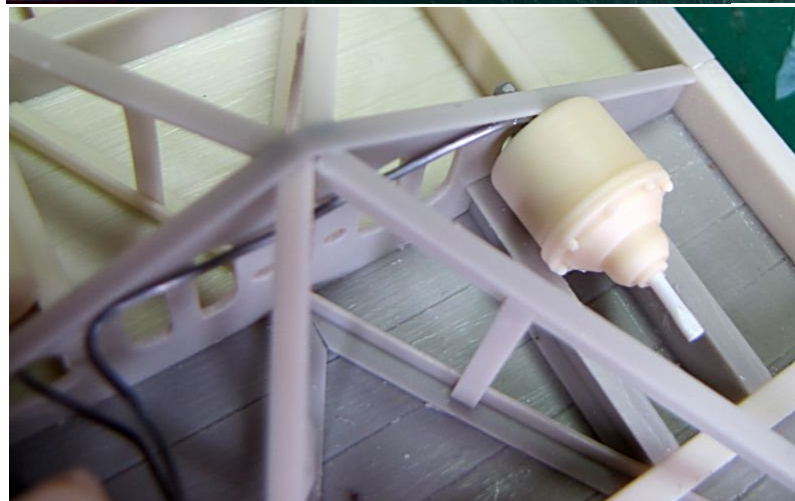
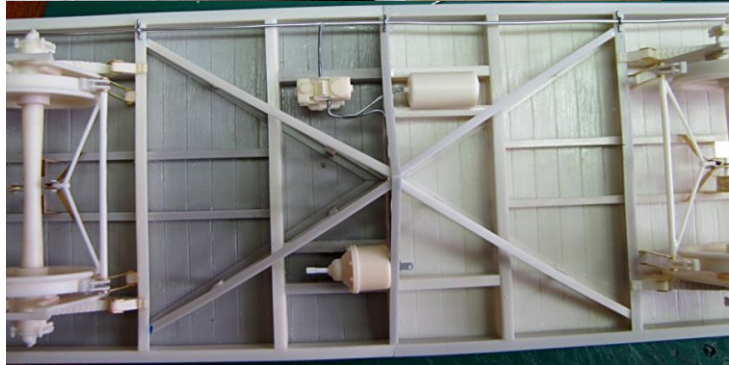
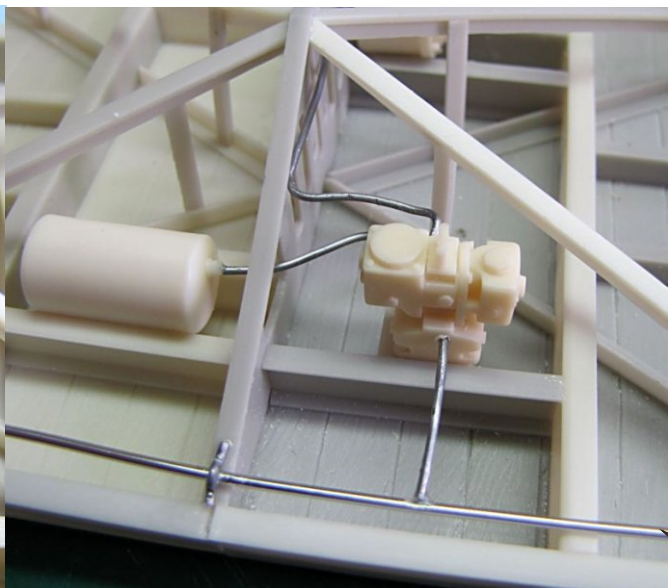
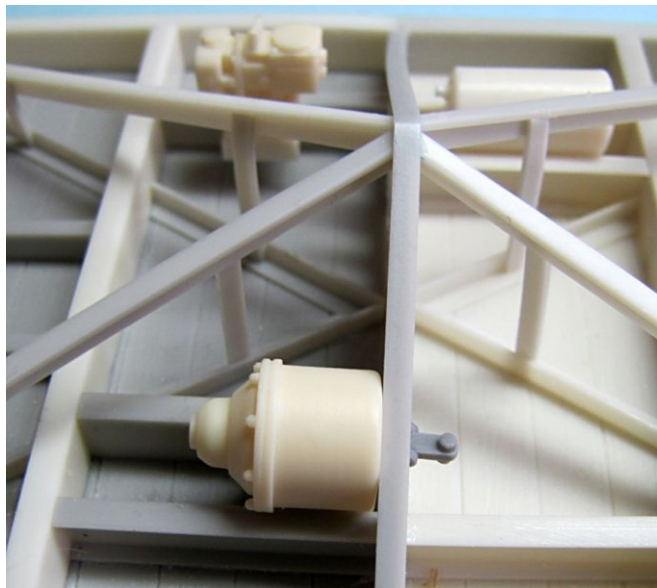


Cut A7 to lengths required and assemble as shown in pictures. Repeat for all four beams

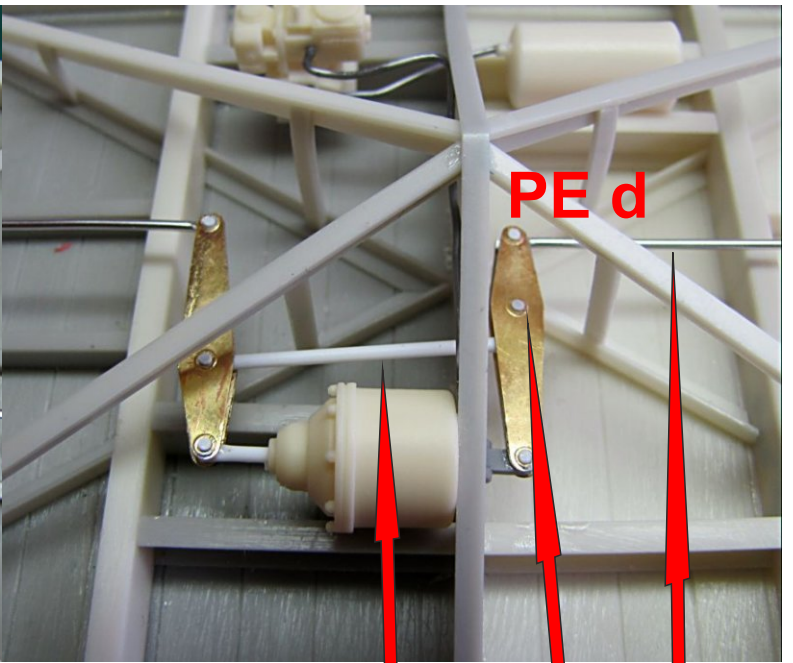
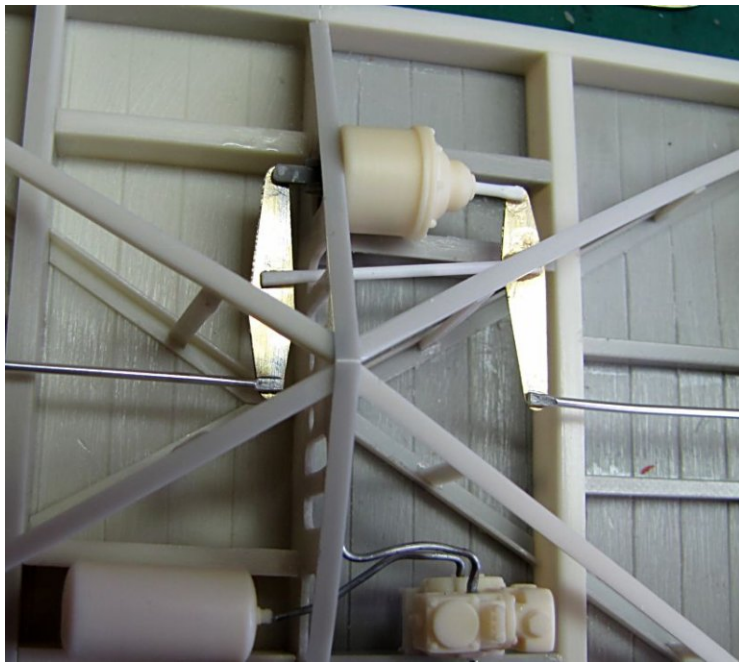




Modify - cut - A16 and A36 as shown for this kit variant. 1mm wire used for main pipe, 0,8mm for other pipes



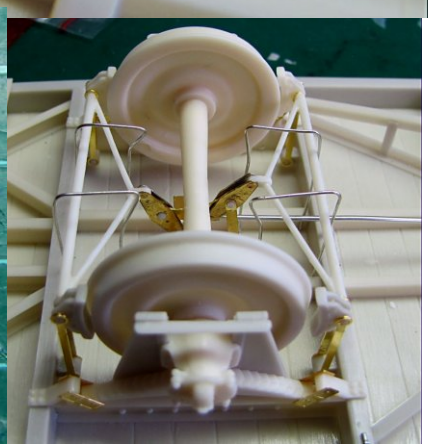
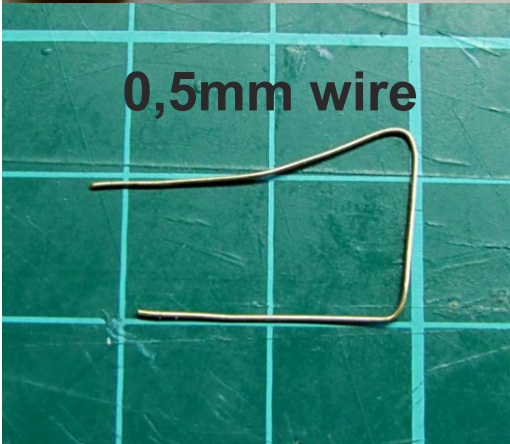
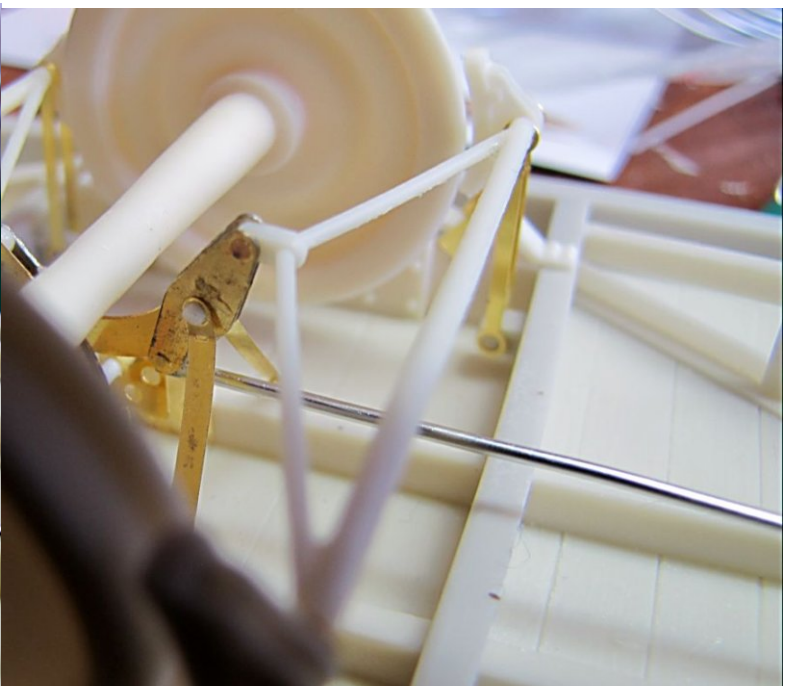
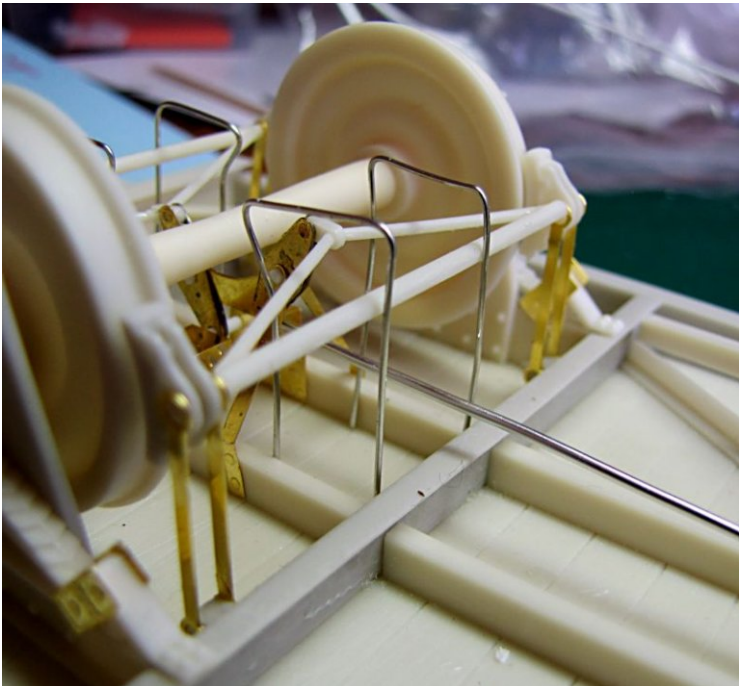
1,2mm rod with end flattened in pliers

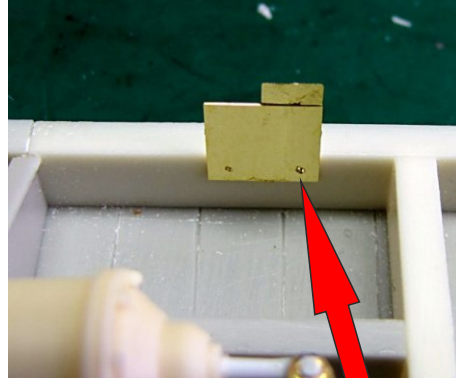


1,2mm rod with end flattened in pliers

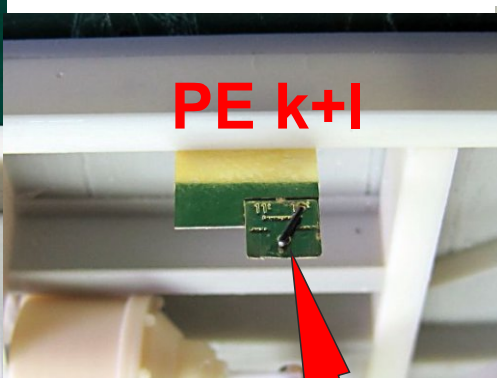
slices of 1mm rod used to cover holes in PE d

1mm wire with end flattened in pliers connected into brake arms

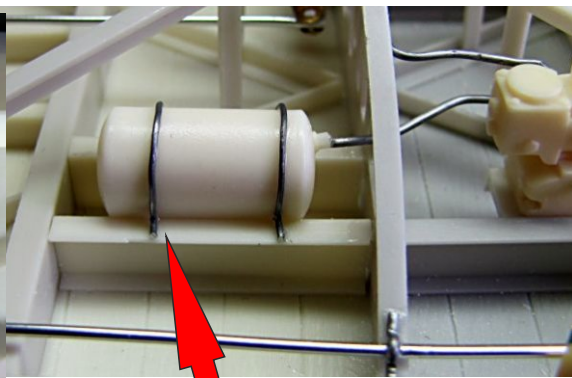




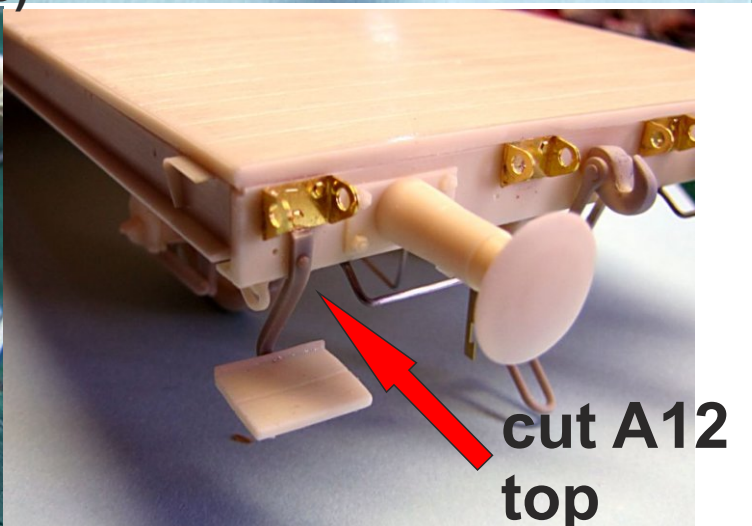
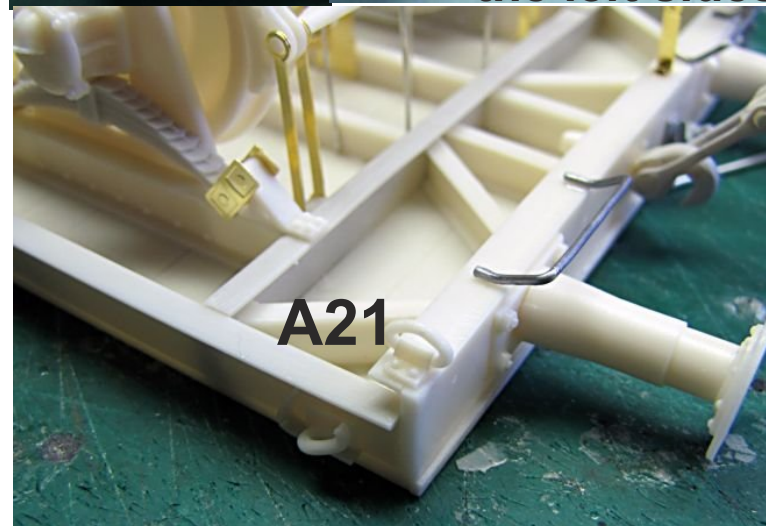
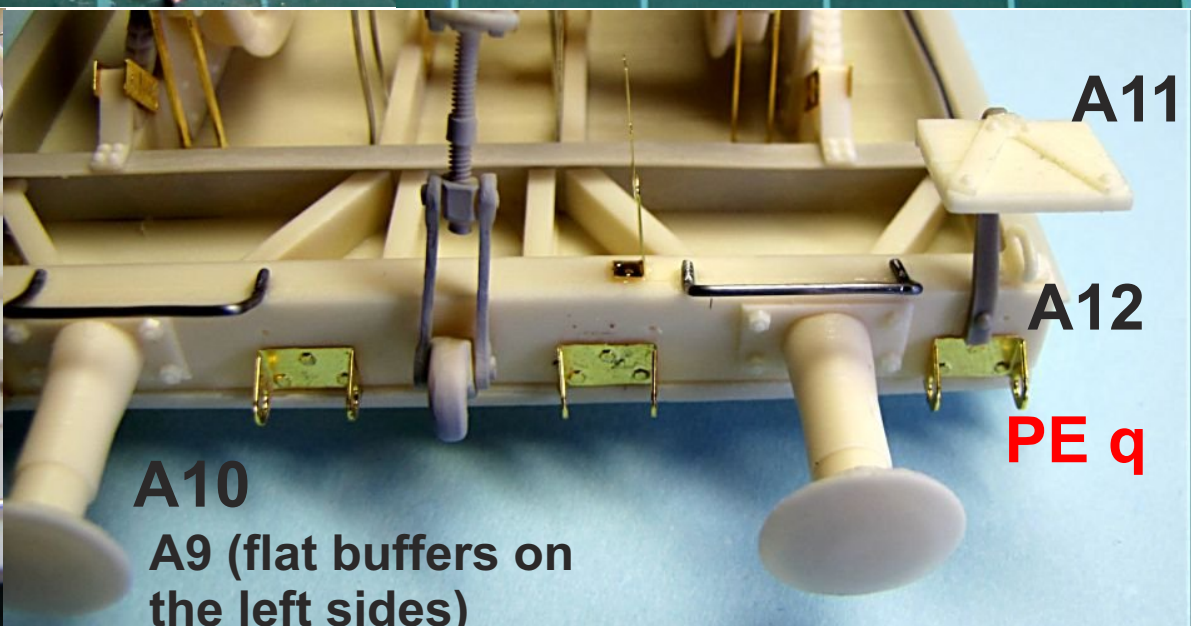
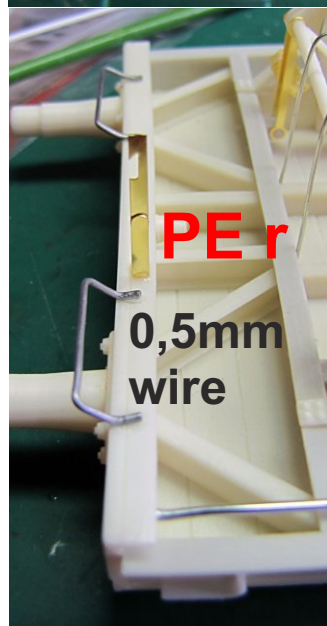
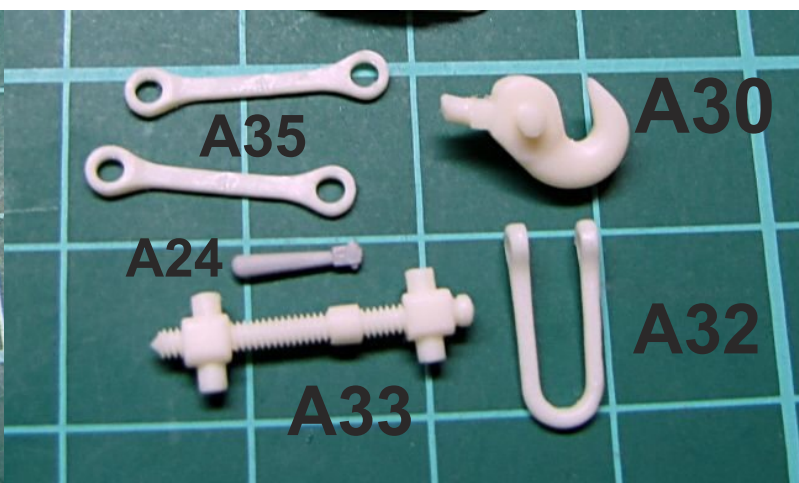
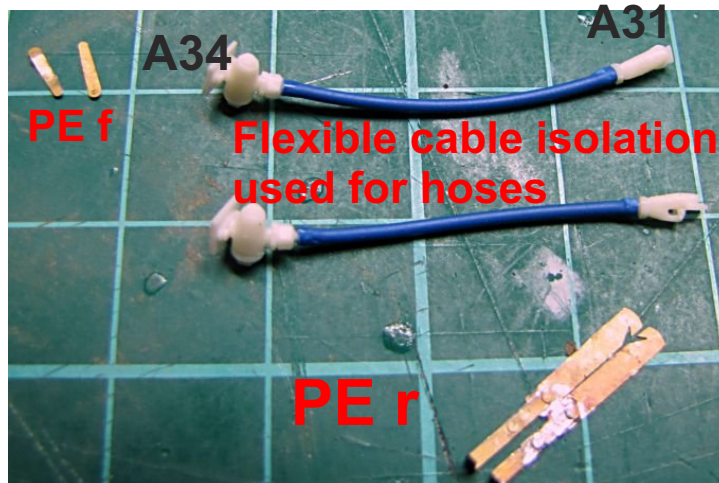
Push rivets from opposite side

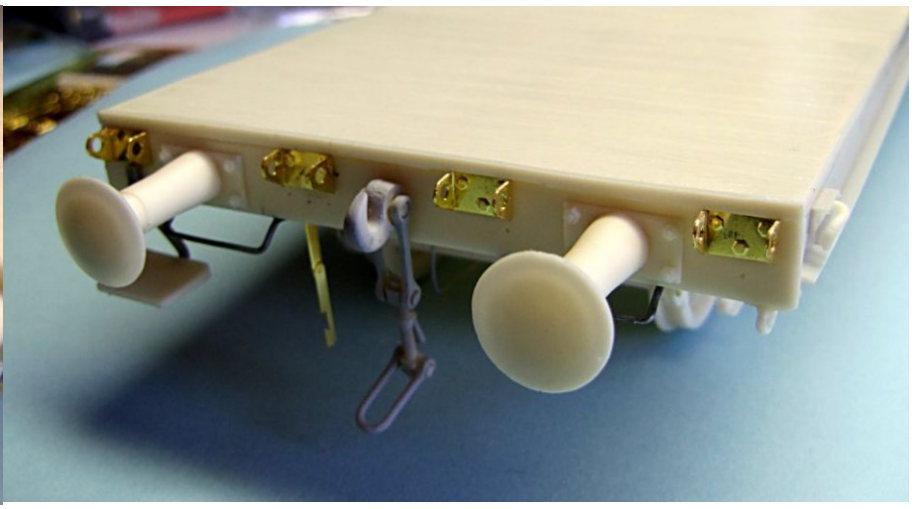
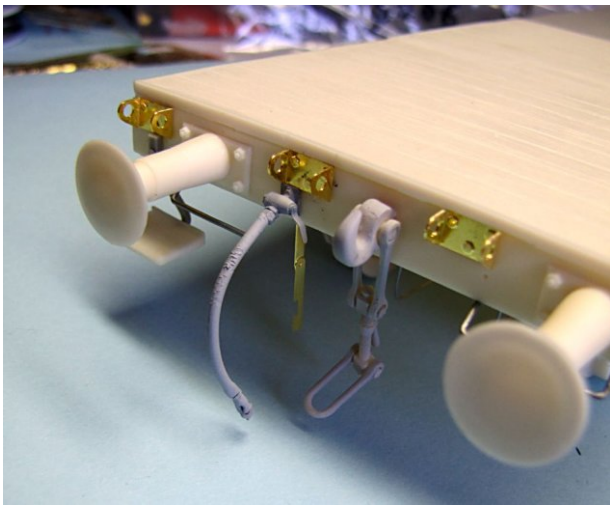


0,3mm wire for lever

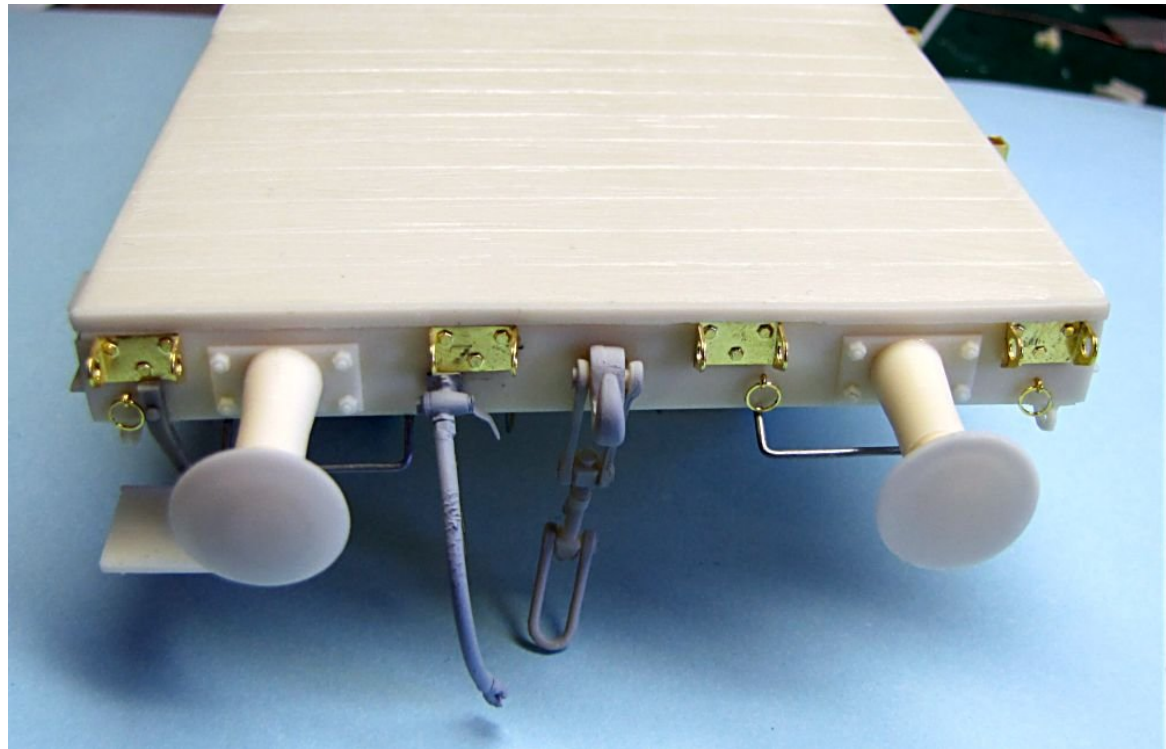
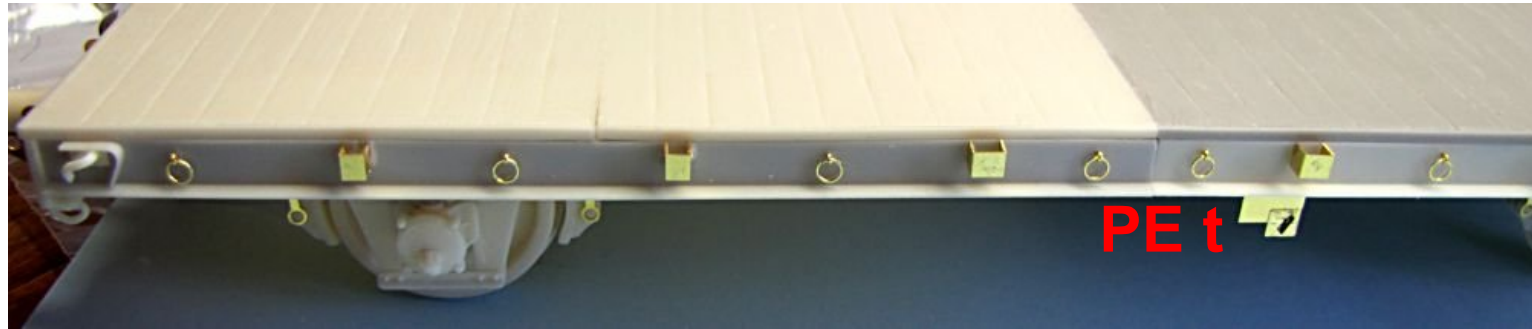
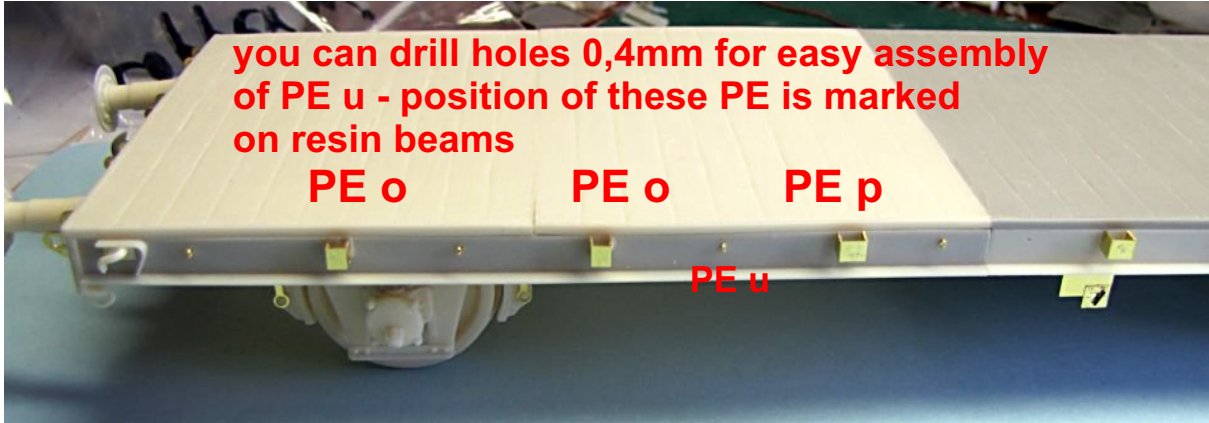


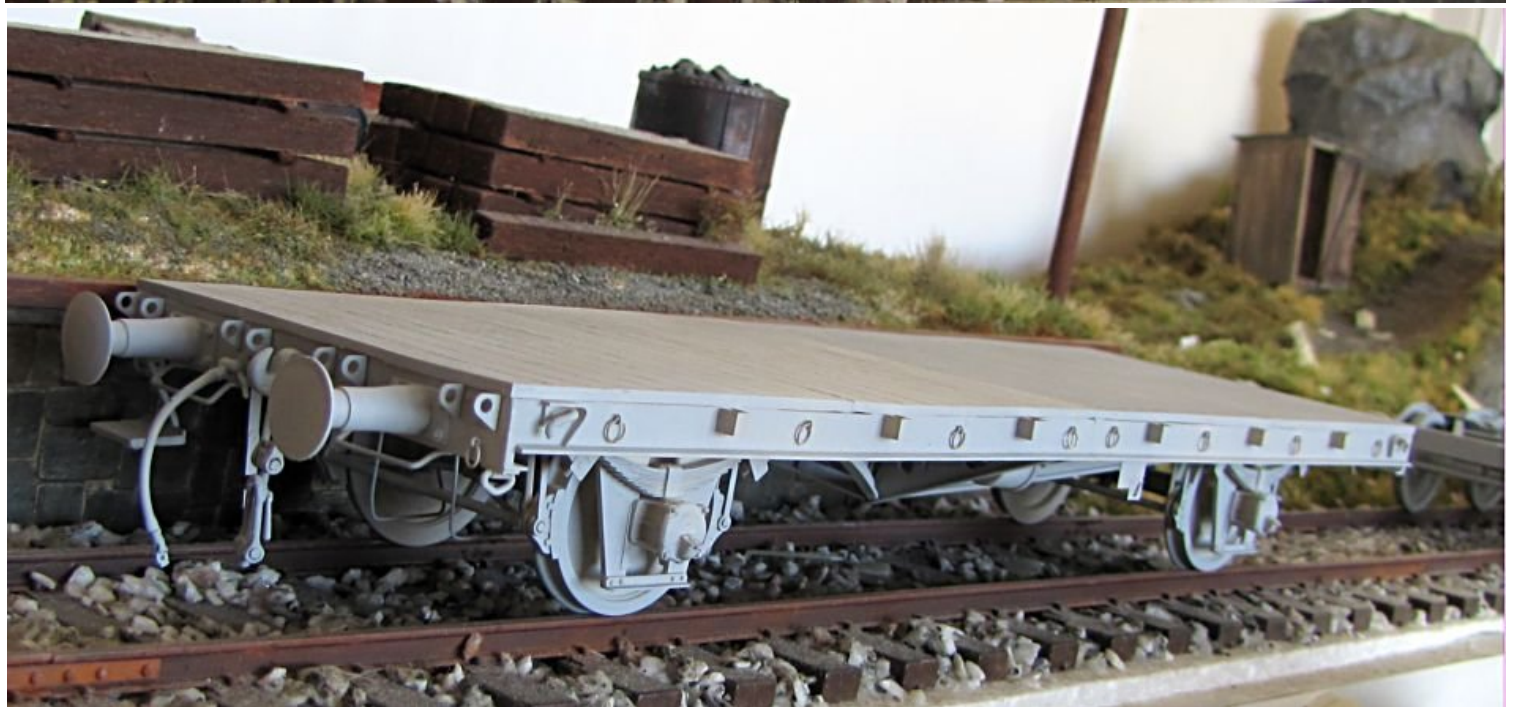
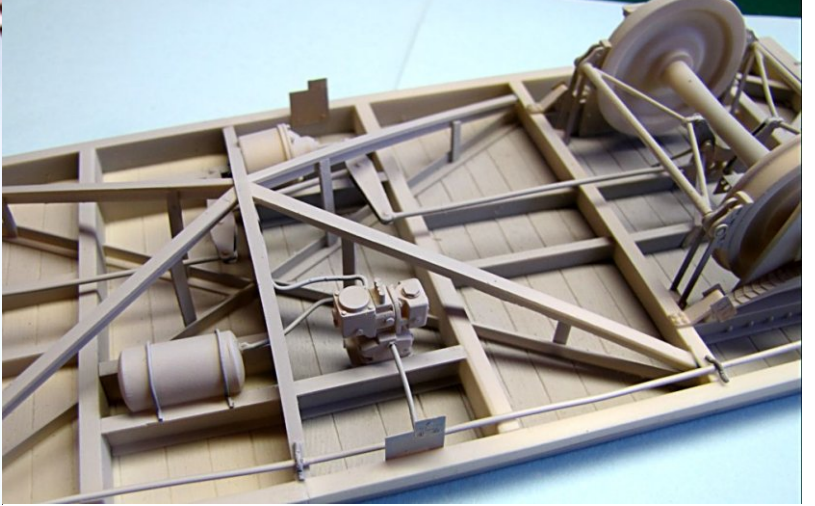
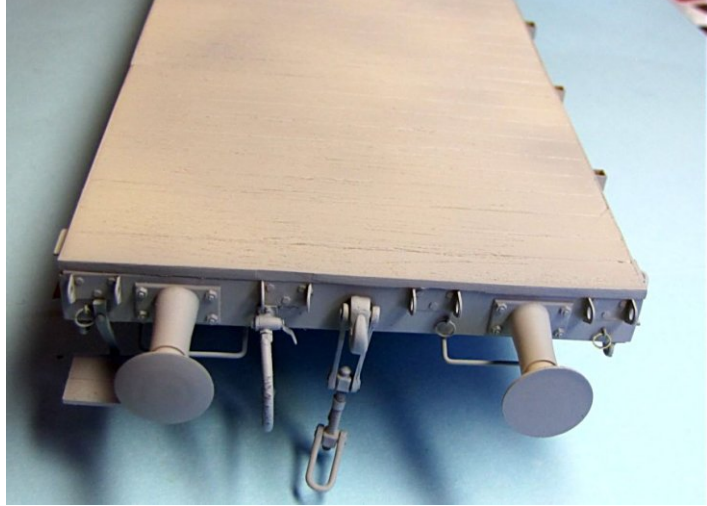
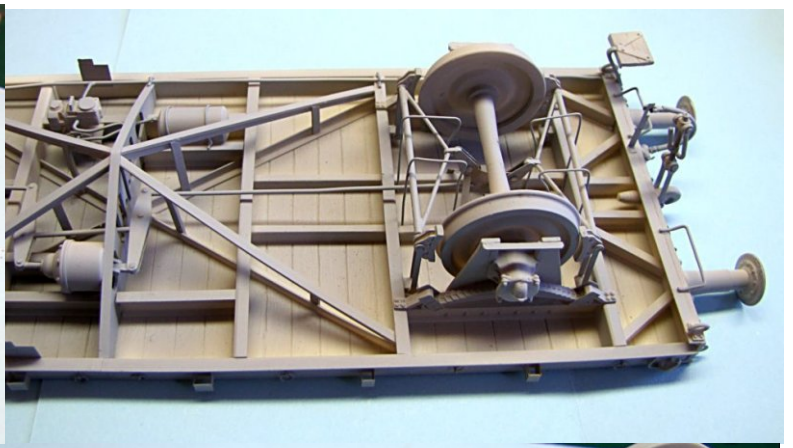
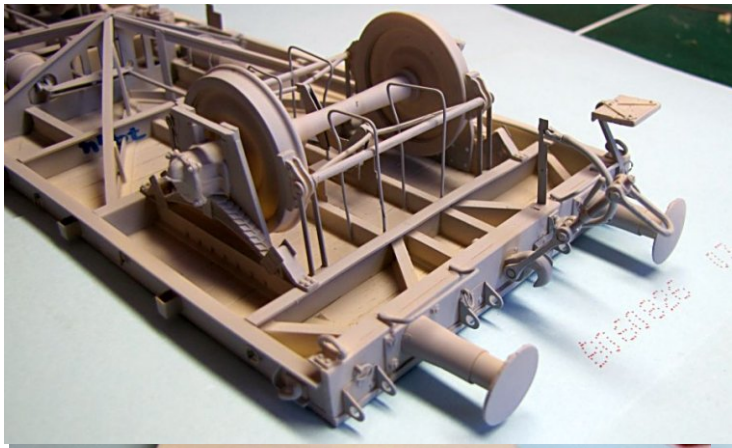
0,5mm wire





flat buffers assembled on the left sides, only one step board assembled on the right at each end





Painting - metal parts in black, wooden floor in brown-red or worn out dirty wood