

1/35 German SSyl Köln platform wagon



contains 1 highly detailed and accurate model

160 resin parts

152 PE parts

+ plastic parts and wires needed for assembly

decals for two different wagons

glue and paints not included

suitable only for advanced modellers

keep safety rules for work with resin

instructions and references on CD



No.35111

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.

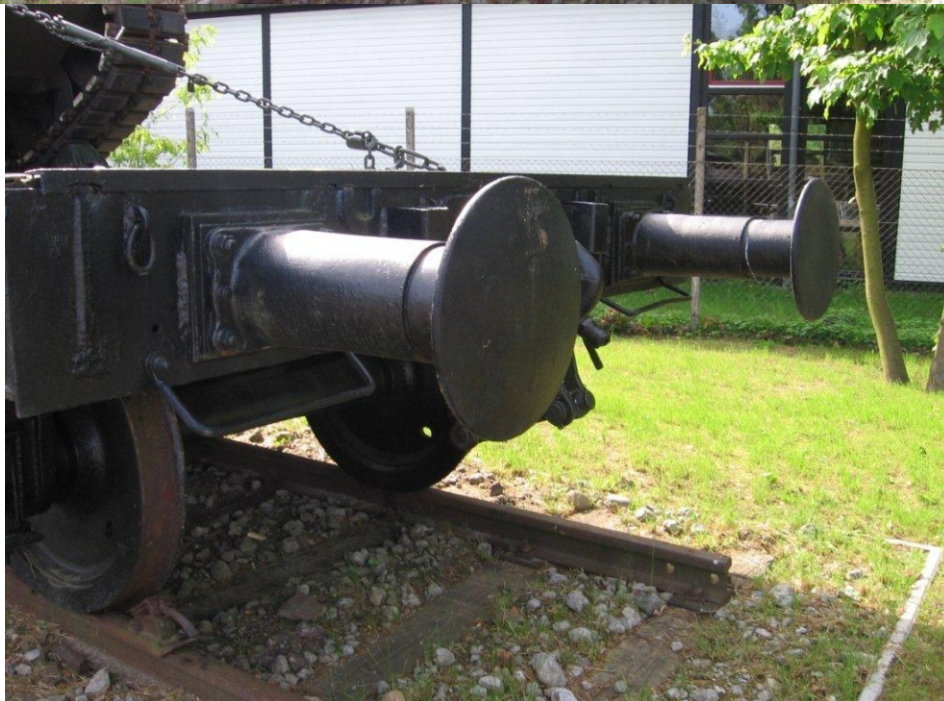
Glue and paints not included

Contains 160 resin parts, 152 PE parts and plastic parts and wires needed for assembly

During WWII many Russian wagons of different types and age were captured and then used in German service. Among them there were hundreds of four-axle almost new flatbeds and low - sided wagons. Some minor changes were made (German bogies - usually just axles with wheels replaced - if not changed earlier already, couplings, often buffers and brake system) and then wagons suitable most for transport of military vehicles left immediately the factory to head back to service. Besides of them also production of similar original German SSyl wagon serie was running.

In the kit are optional coupling holders - original Russian ones or small German ones. Two screw couplings are also included. Some reference pictures show one of these wagons displayed in English museum, however this wagon has earlier Russian bogies with replaced original axles, also Russian coupler holder is noticeable in pictures, but the wagon markings in this case show a car which

belonged to German DB rail company. Markings of Deutsche Reichsbahn were different.

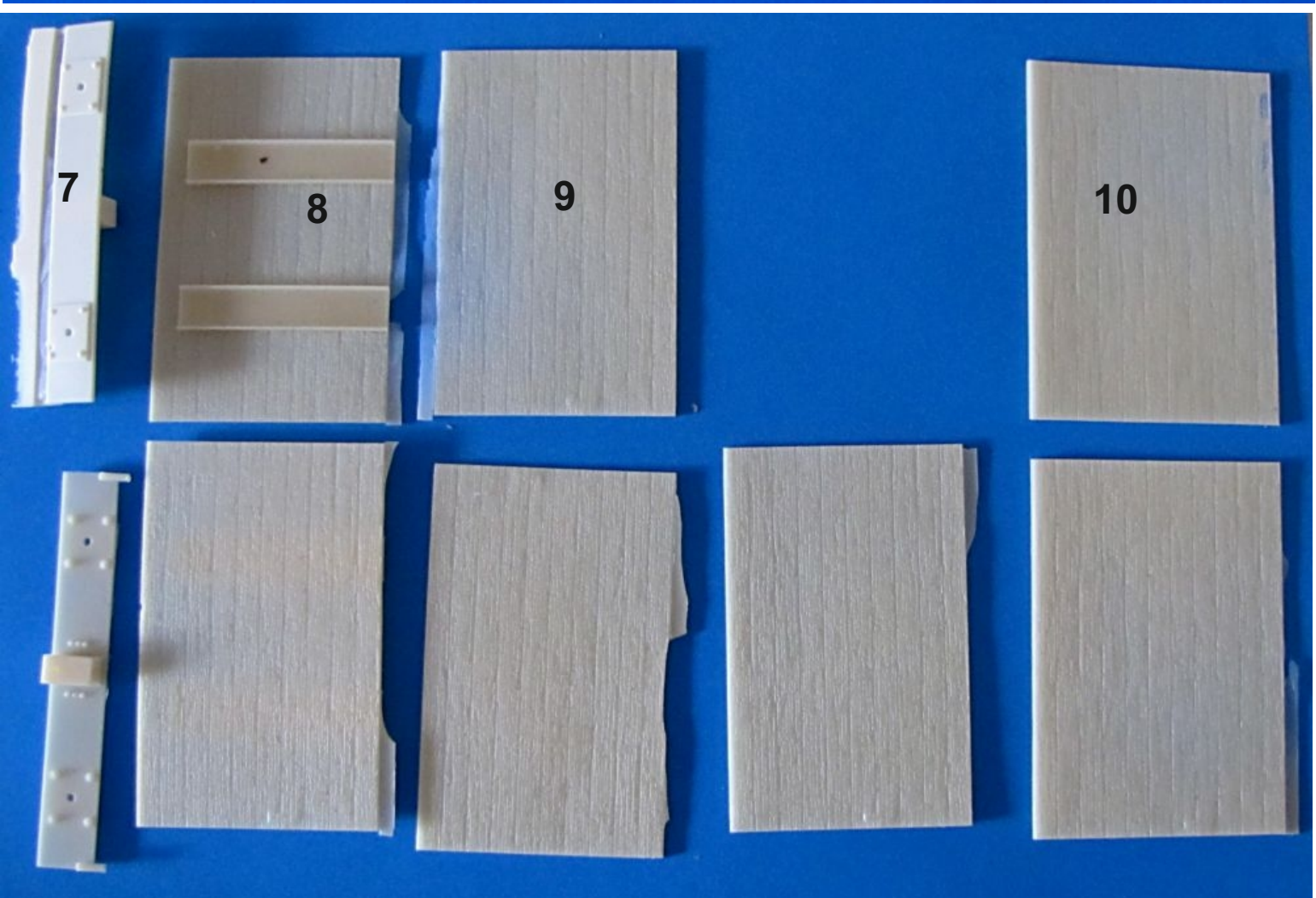
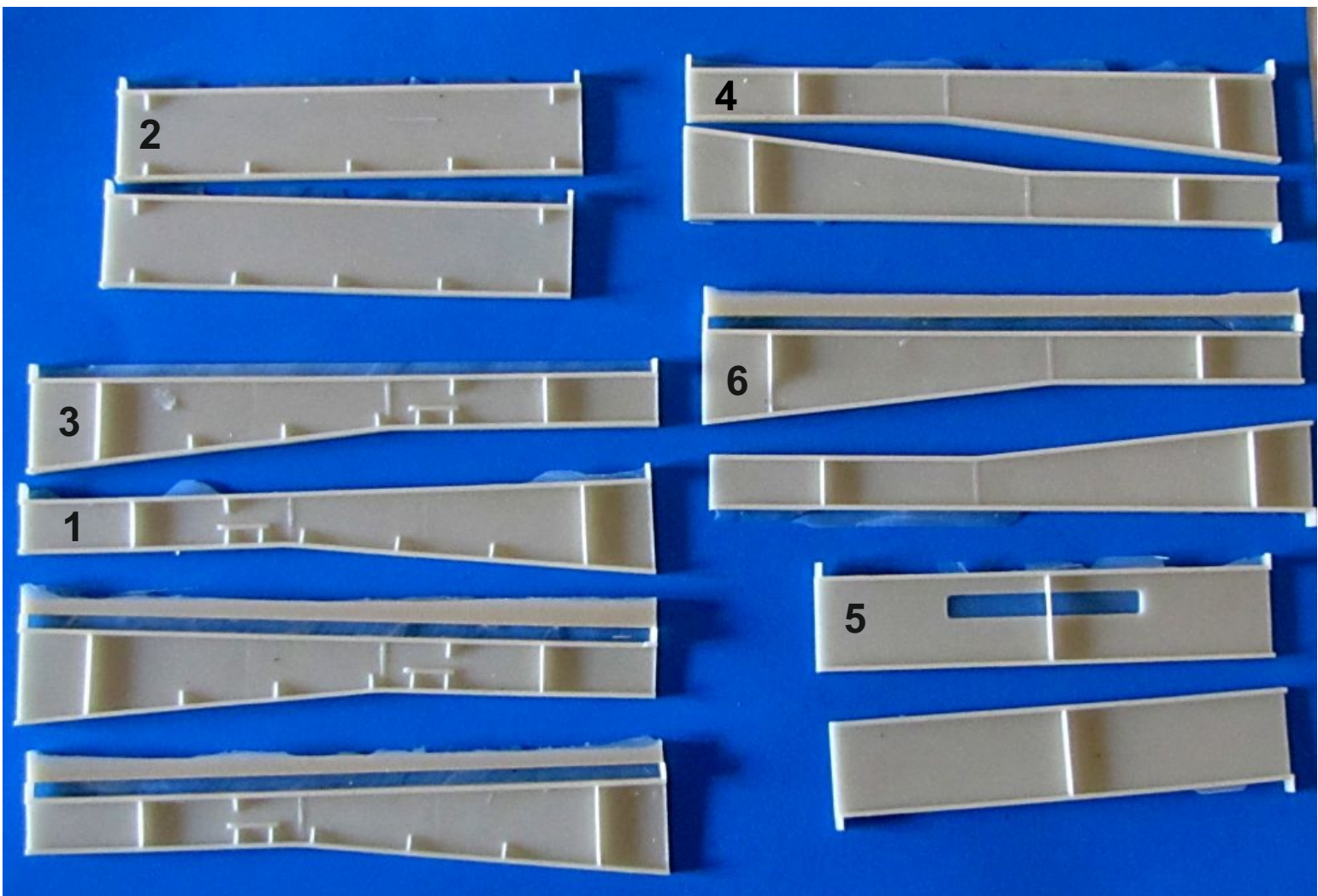


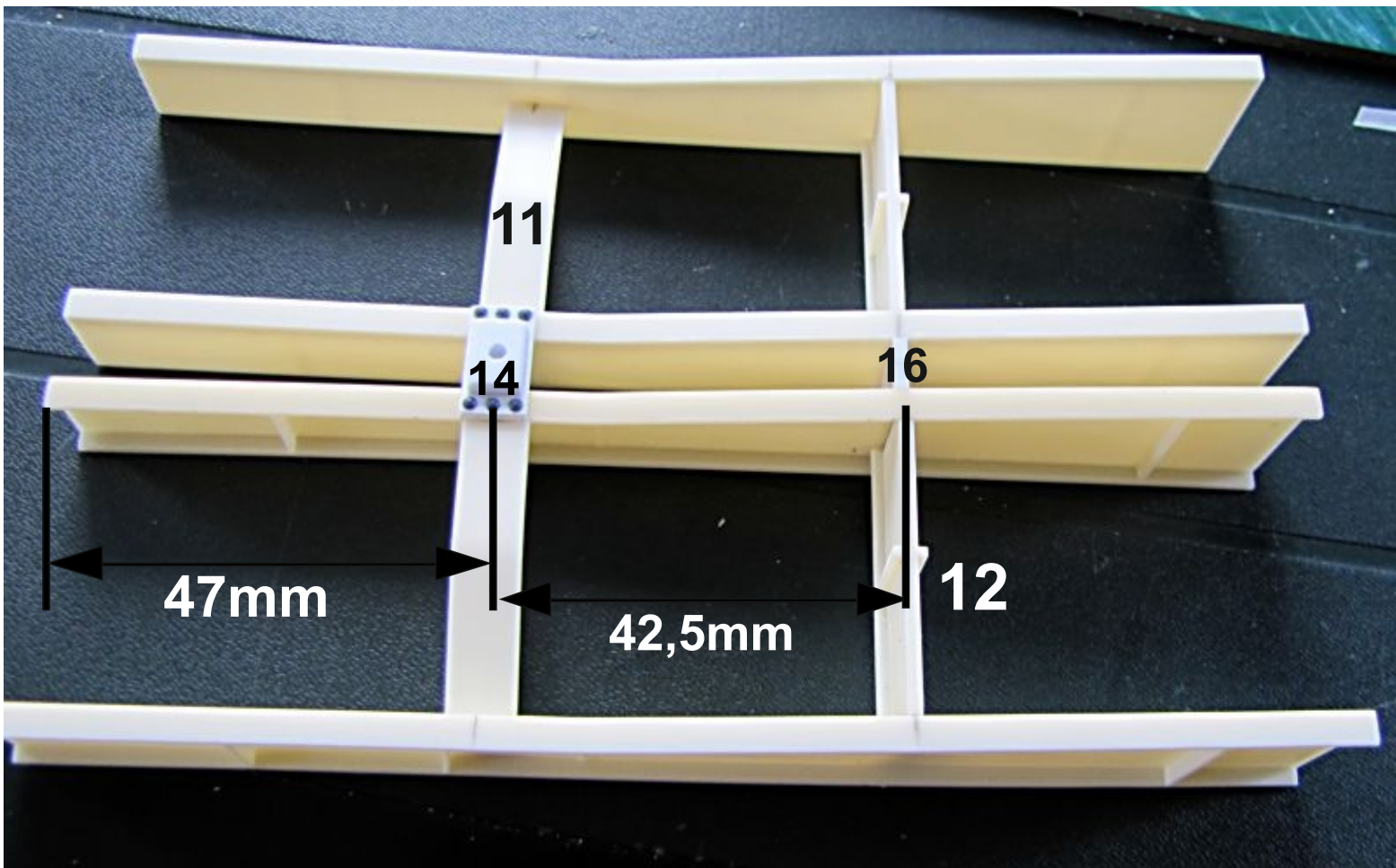
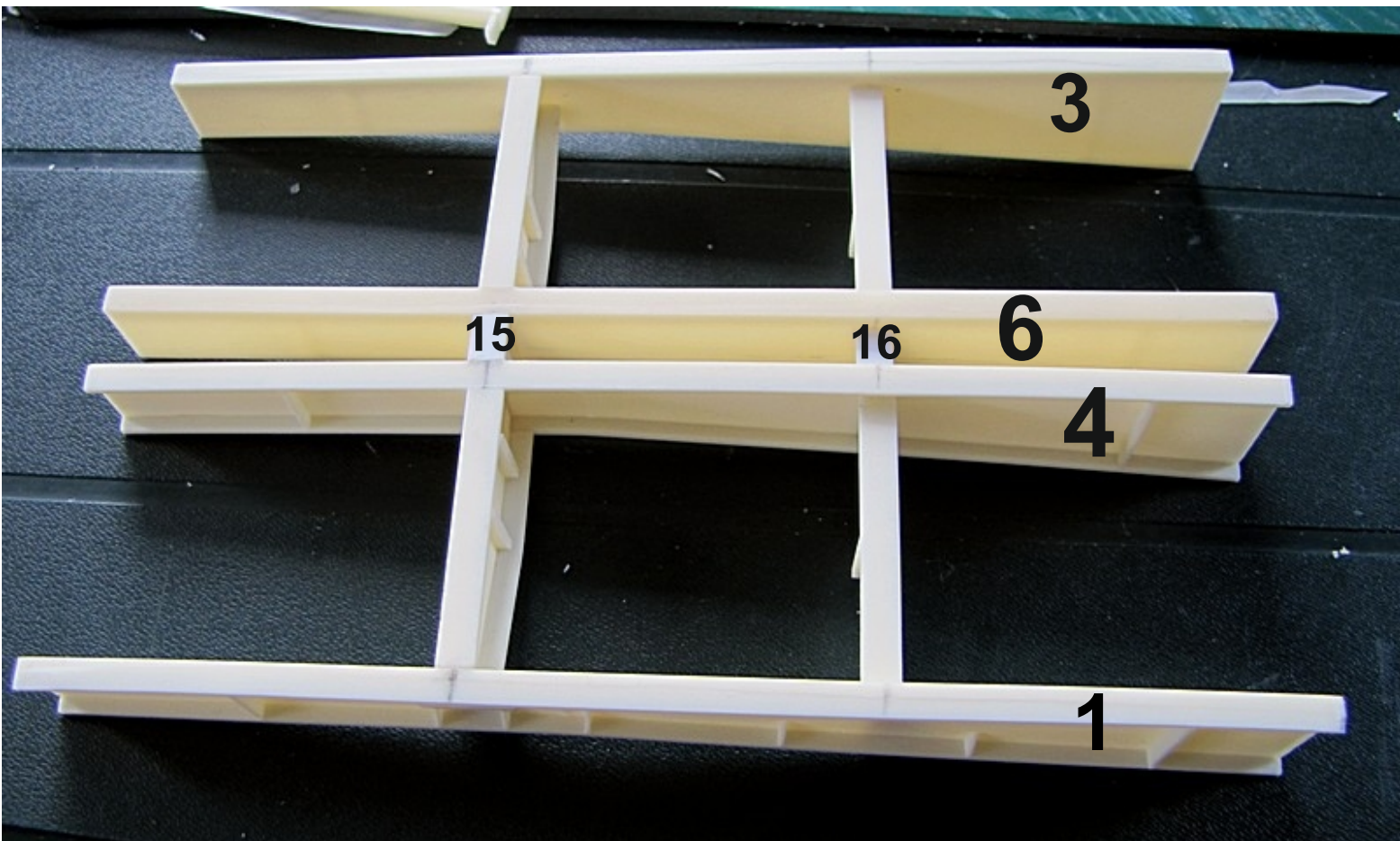
Frame

I started assembly of the frame in sections, but I would recommend to build full length beams first, add buffer beams - and then continue with all the crossbeams. Assembly is simple, the only thing to be minded all the time - right angle between any beams. Very flat working surface is a need to avoid any issue with fitting later.

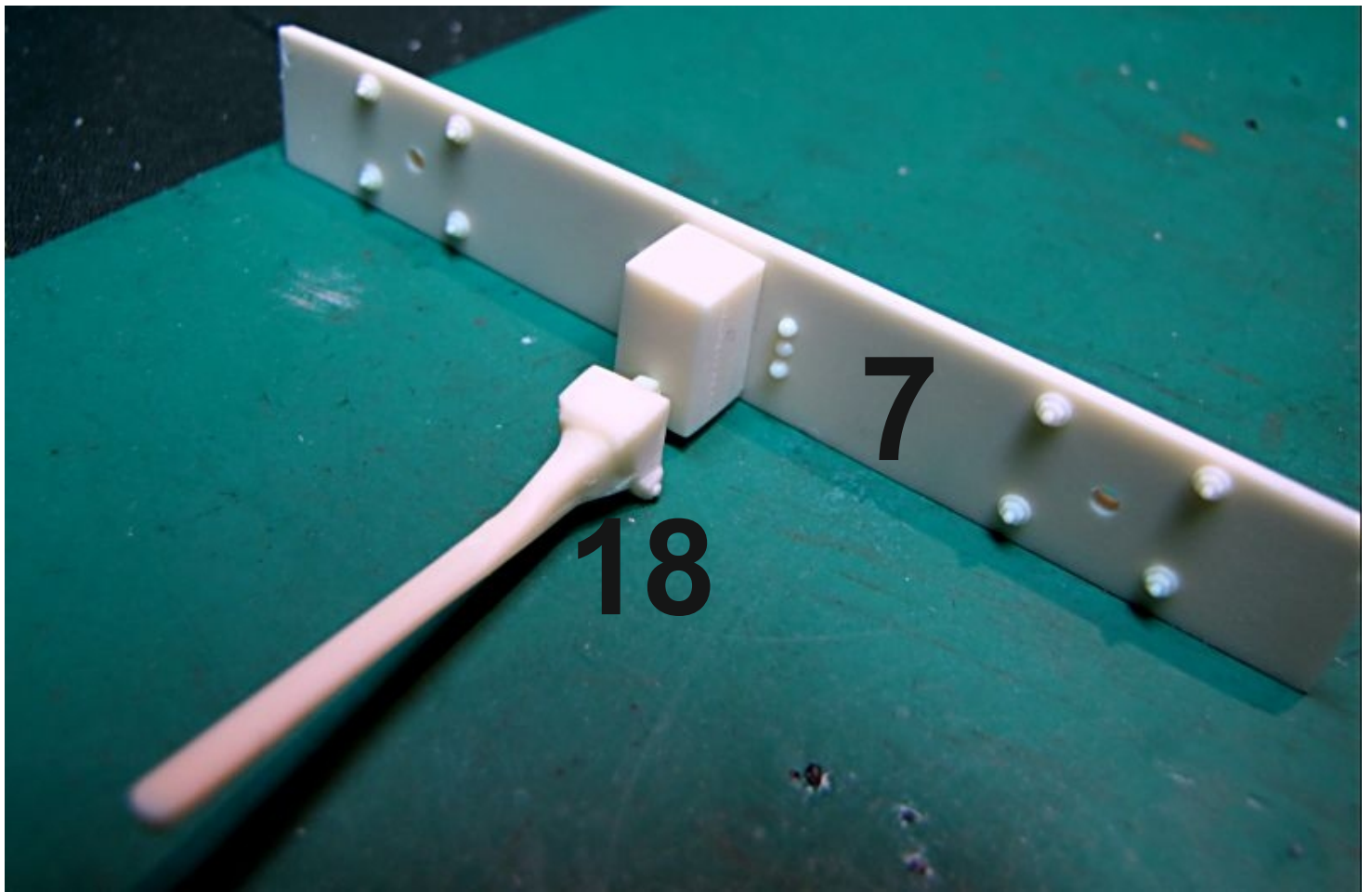
outside beams

inside beams

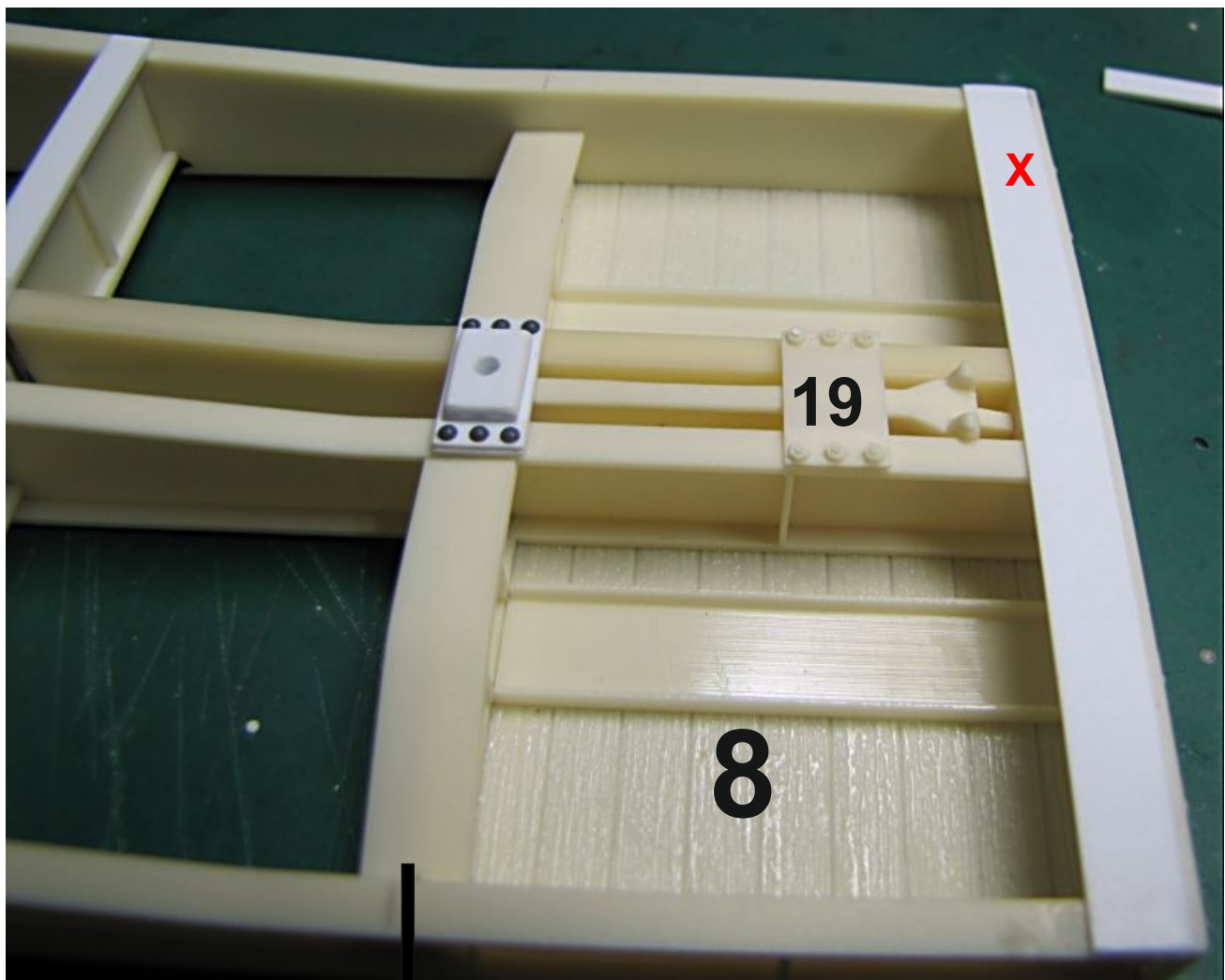


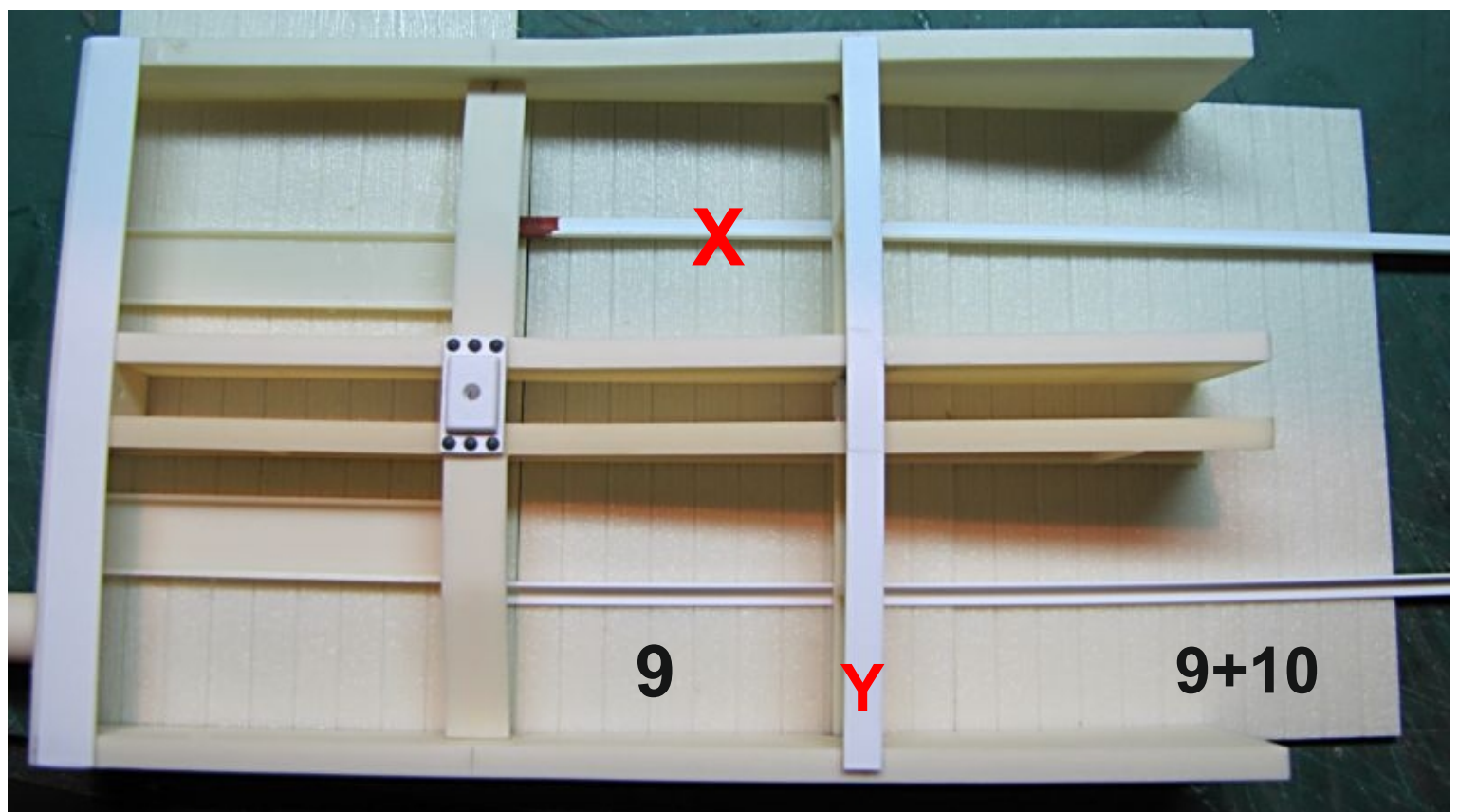
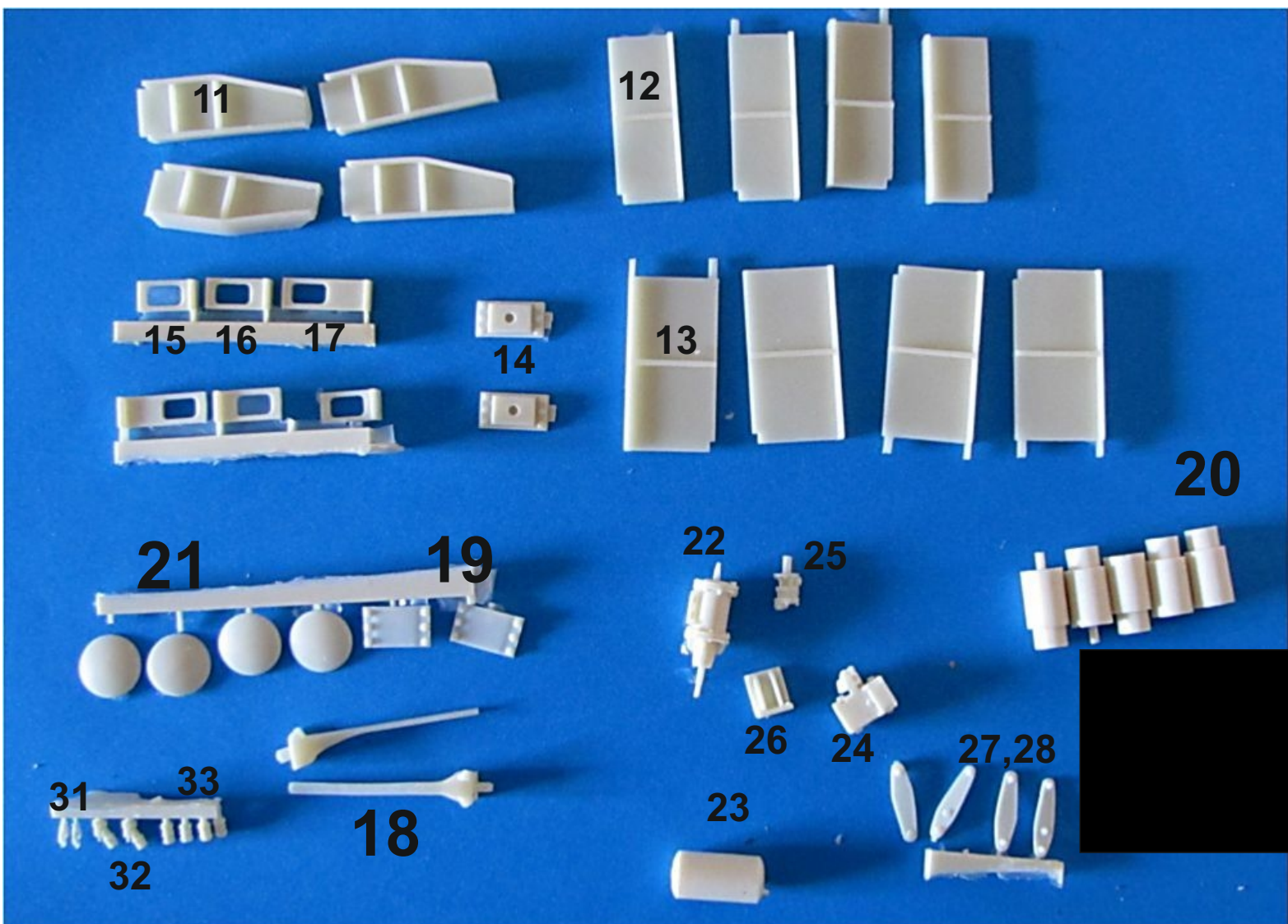


47mm from beam end to centre of No.11
 42,5mm between No. 11 and 12 centre



X - 0,5x6,3 styrene strip in length of No.7

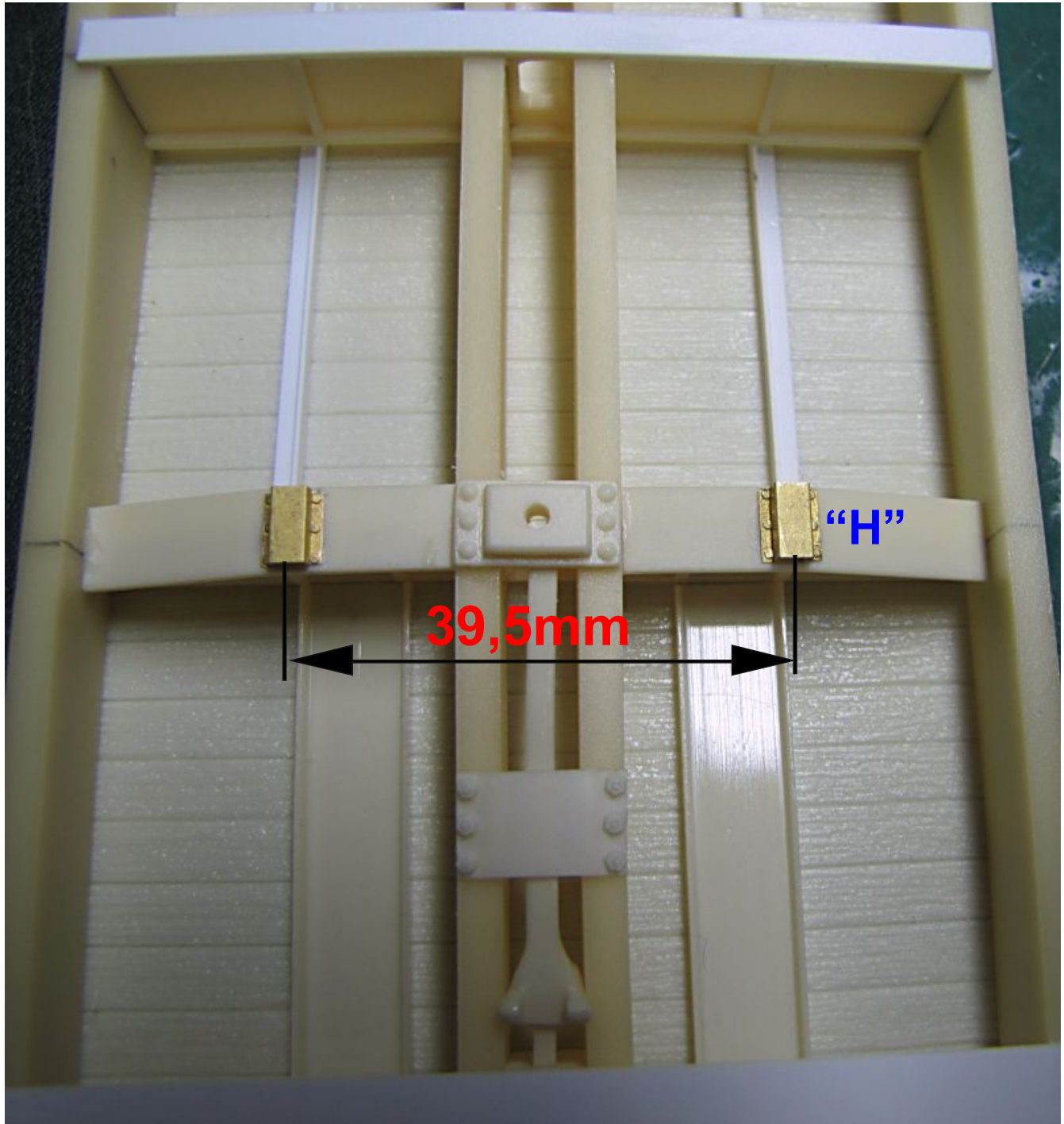


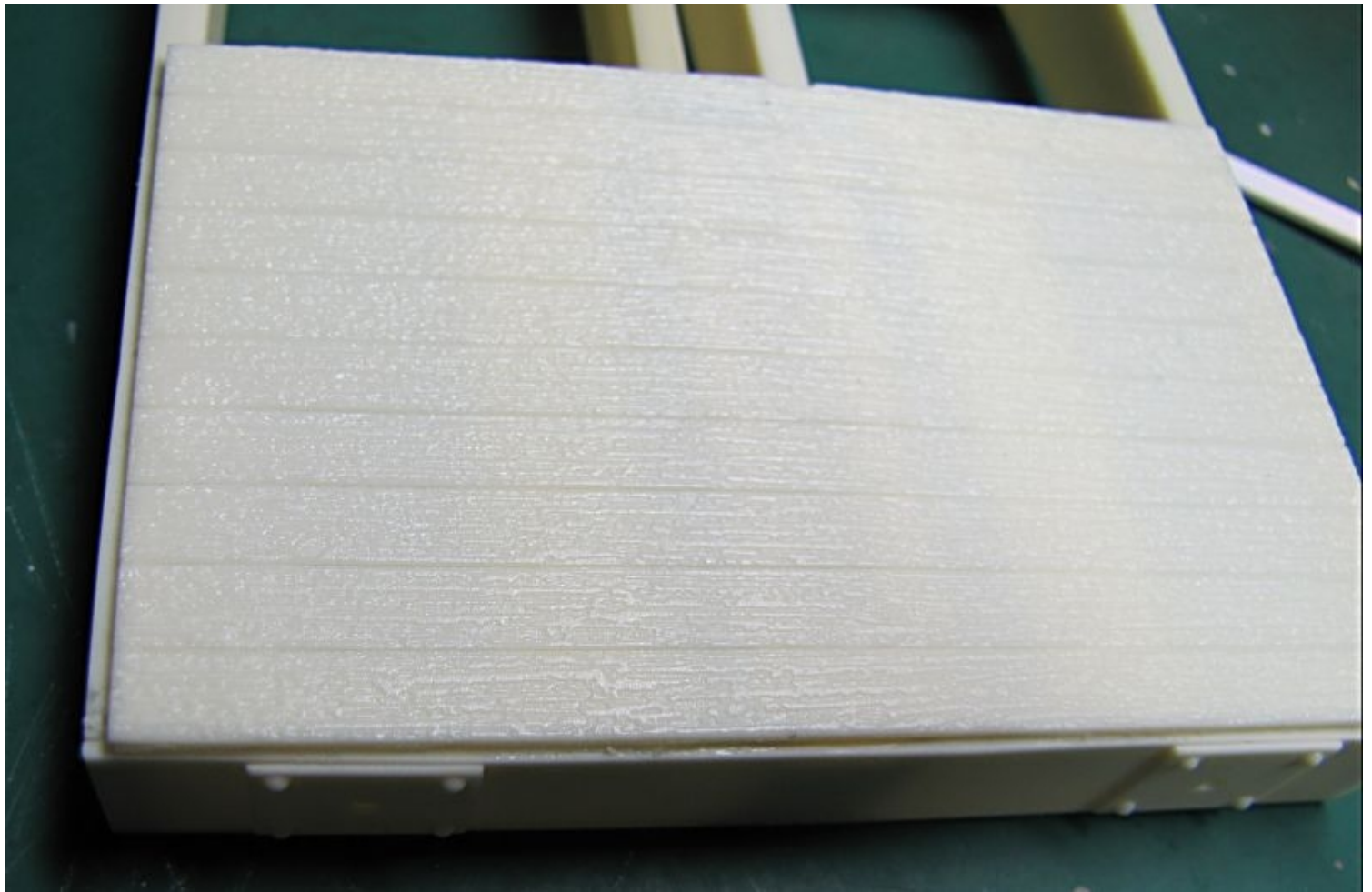


X - 2,5mm angle strip

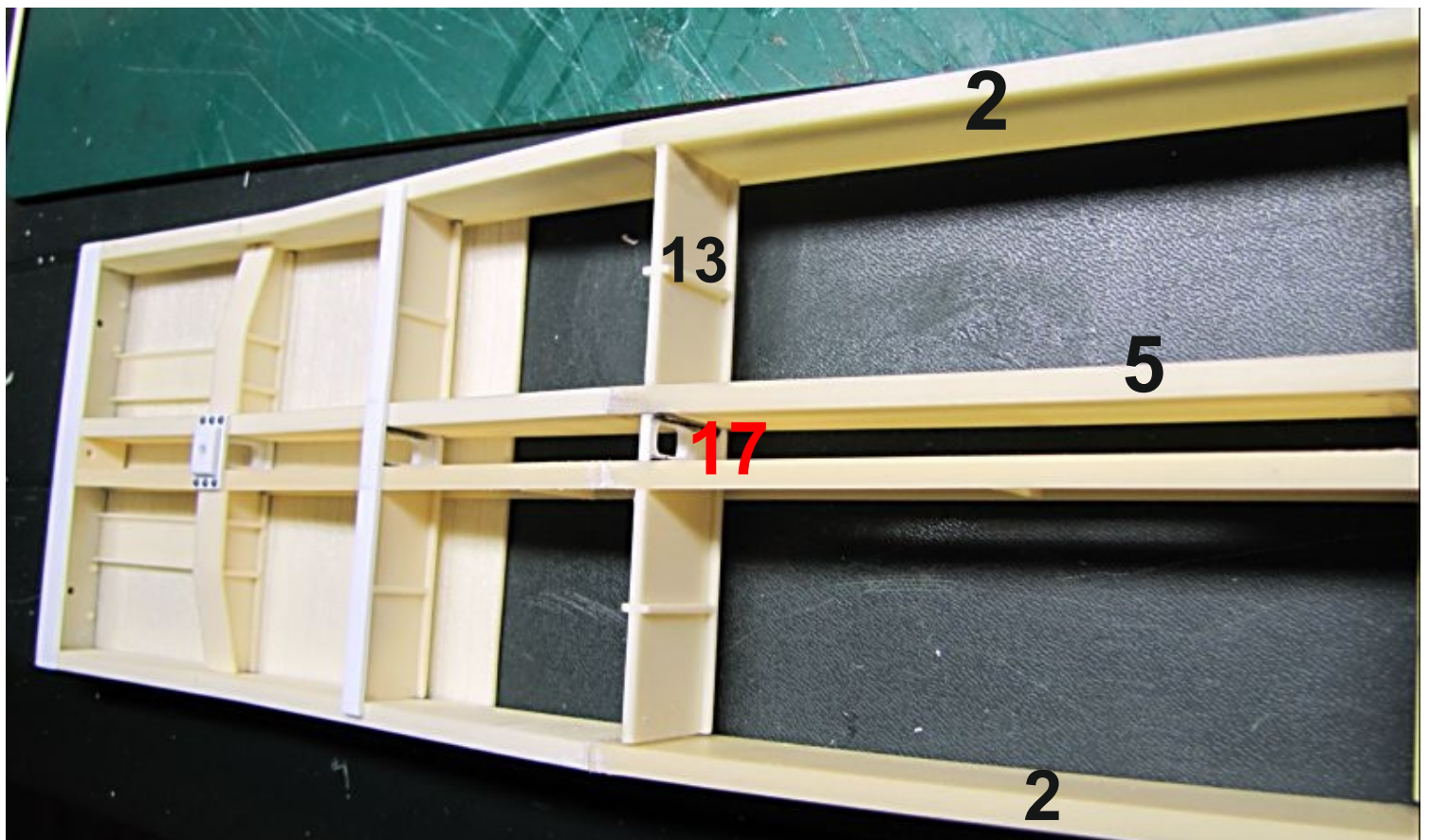
Y - 4x1mm strip - assembled like in the picture

When assembling last section of the floor, small sanding might be needed to get right length and exact fit - It is recommended to start with sections from Buffer beams **No.7** and finish with any of them in the middle. Two floor sections are a bit longer than the rest of them, can be placed in any order - only two sections **No.8** have to be placed at the ends of the car

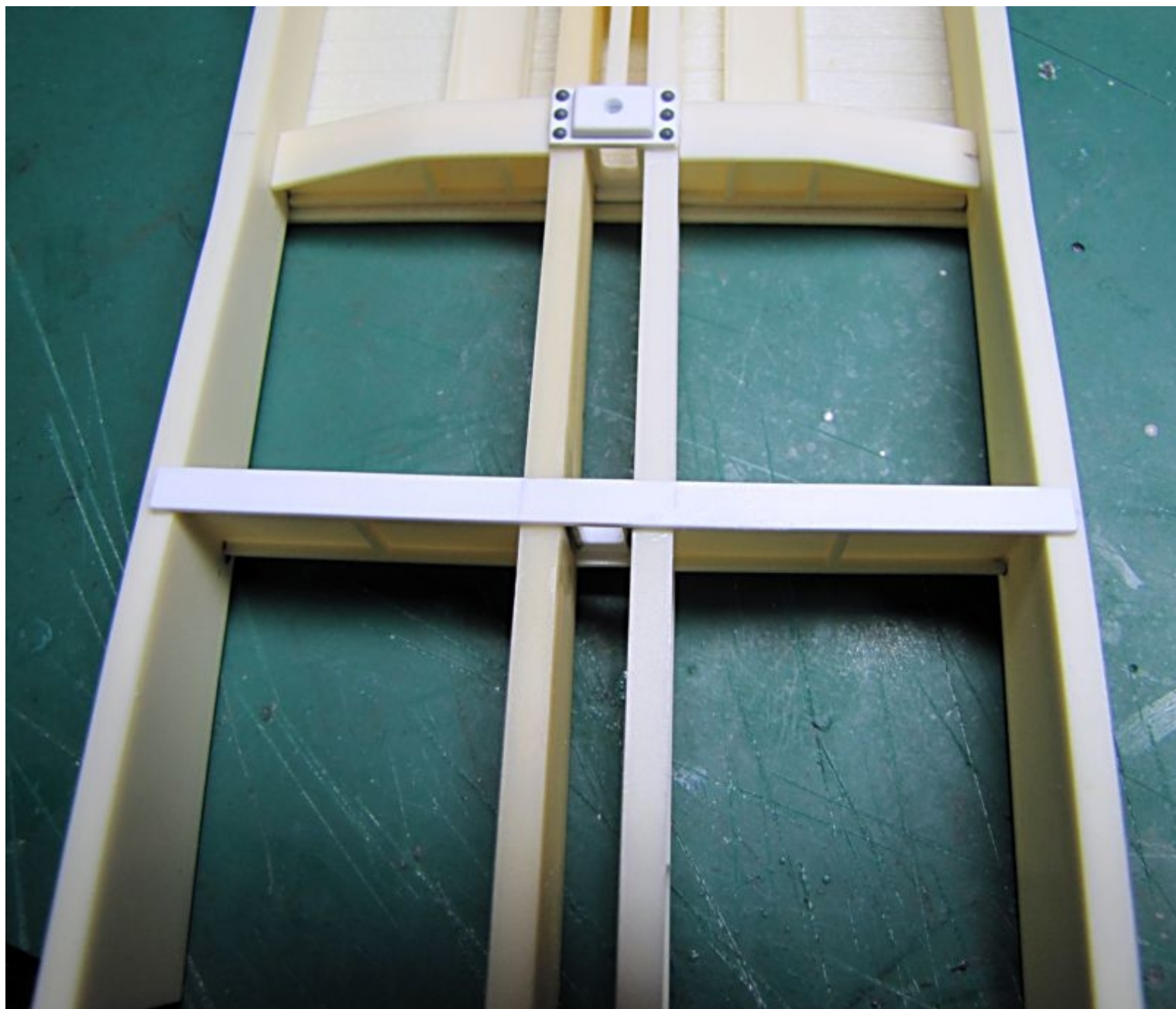


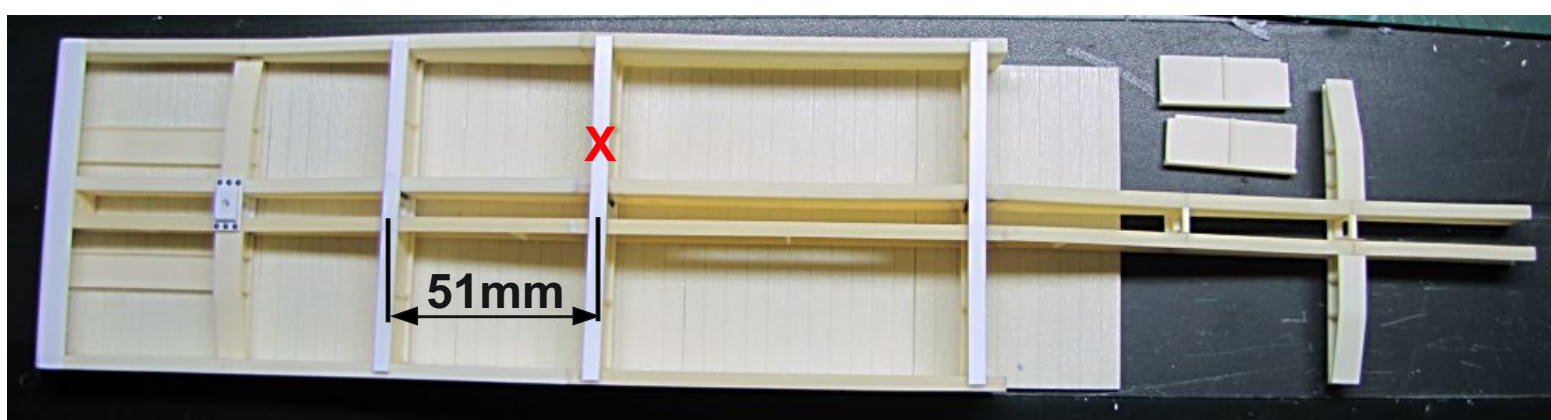


From top the floor is assembled like this. Whole platform will be later “framed” by 1,1x1,7 mm styrene strip



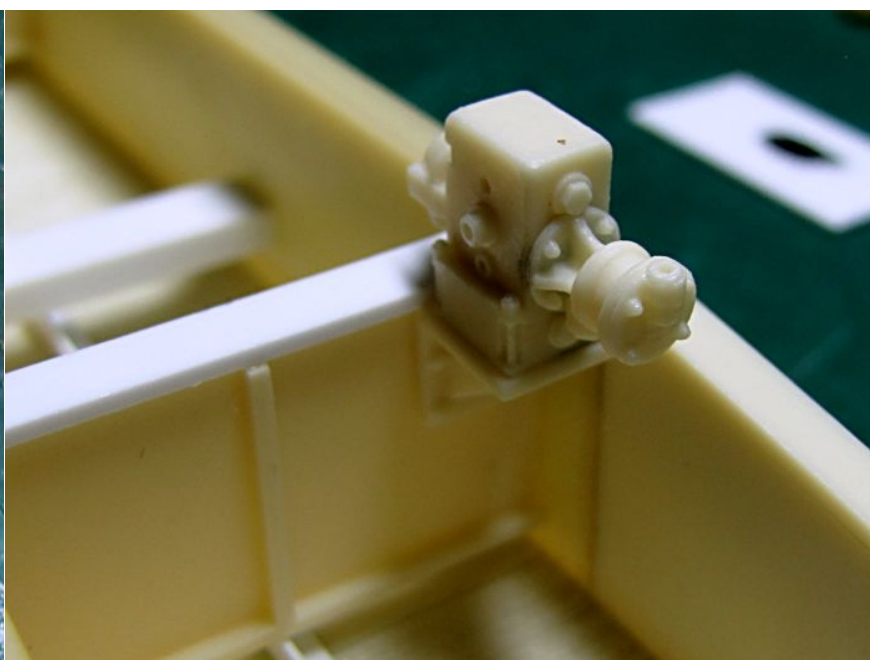
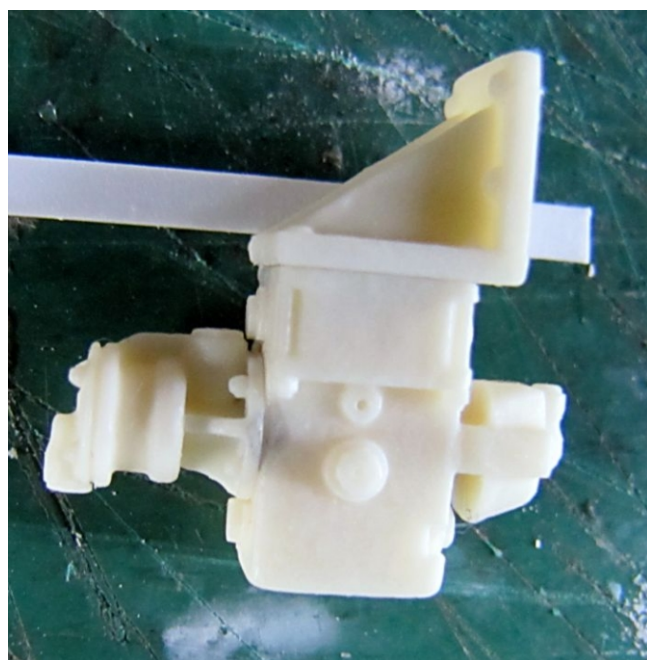
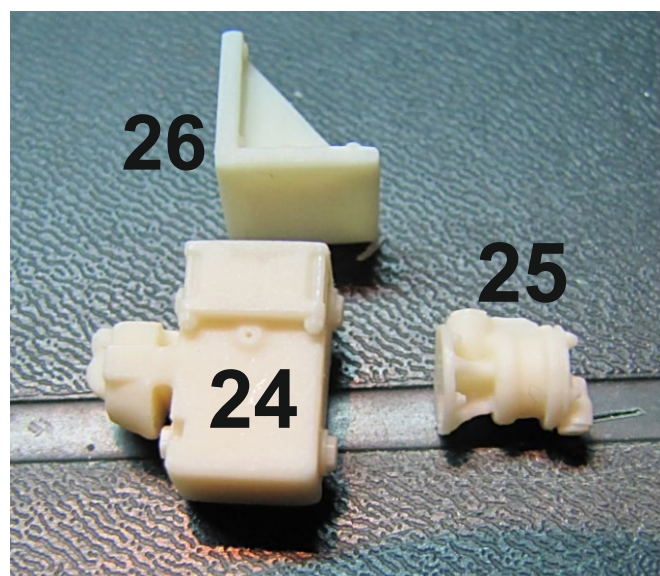
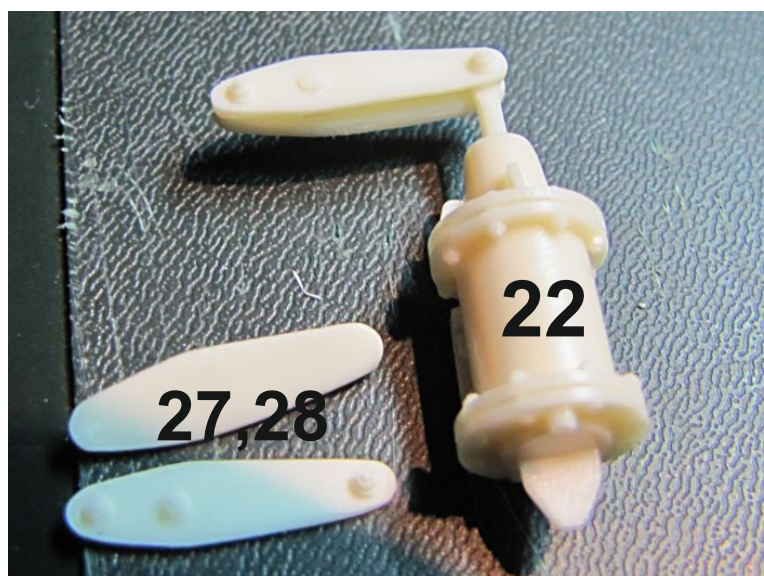
One of parts No.5 has a slot for brake arms, mind its direction



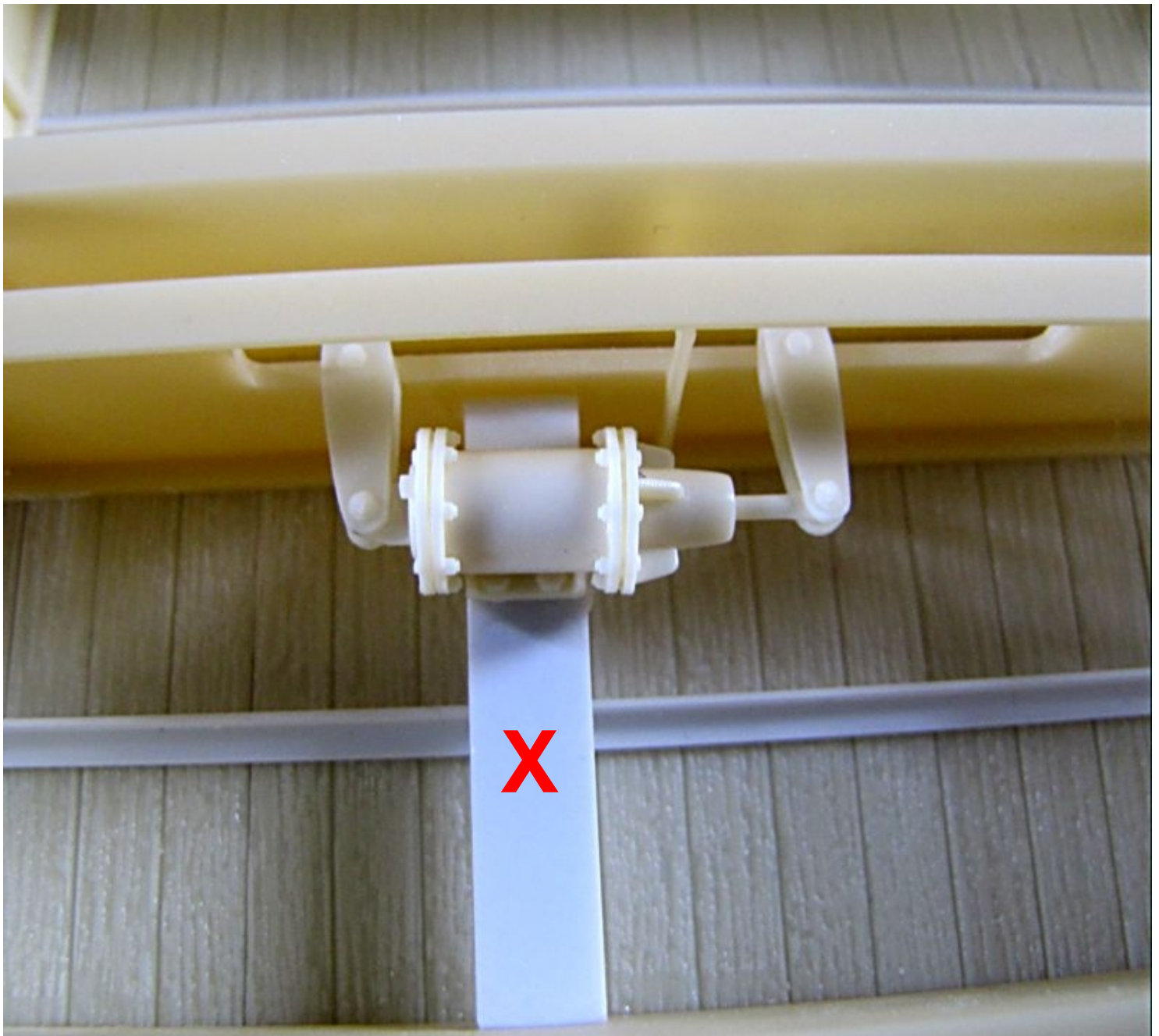


51 mm between No. 12 and 13 centre

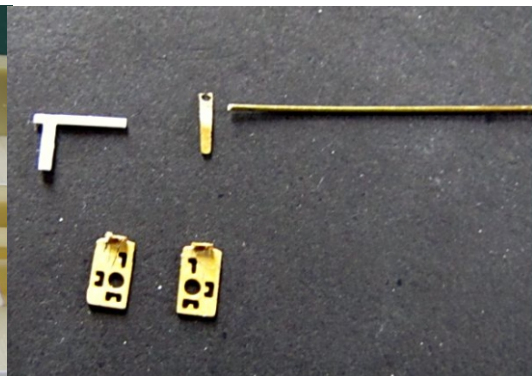
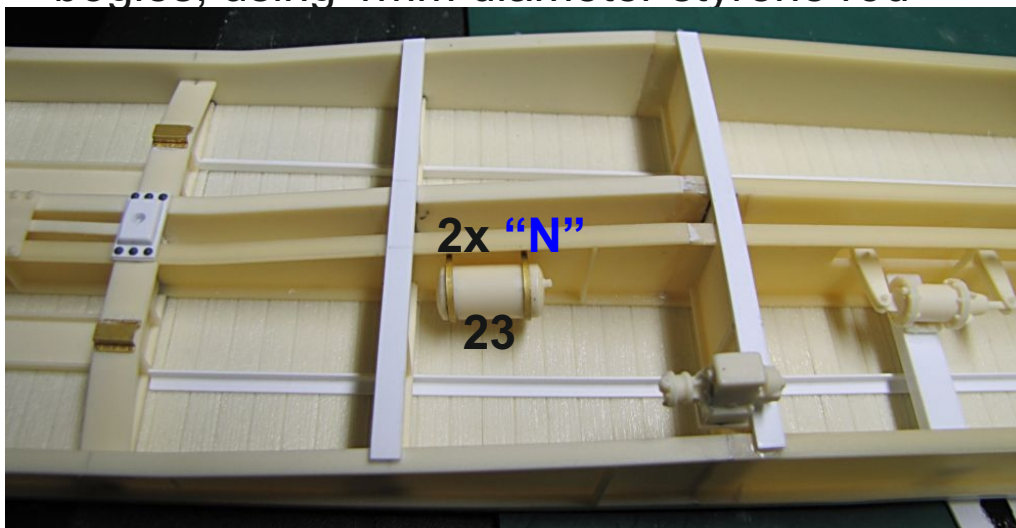
X - 4x1mm strip assembled like in the picture

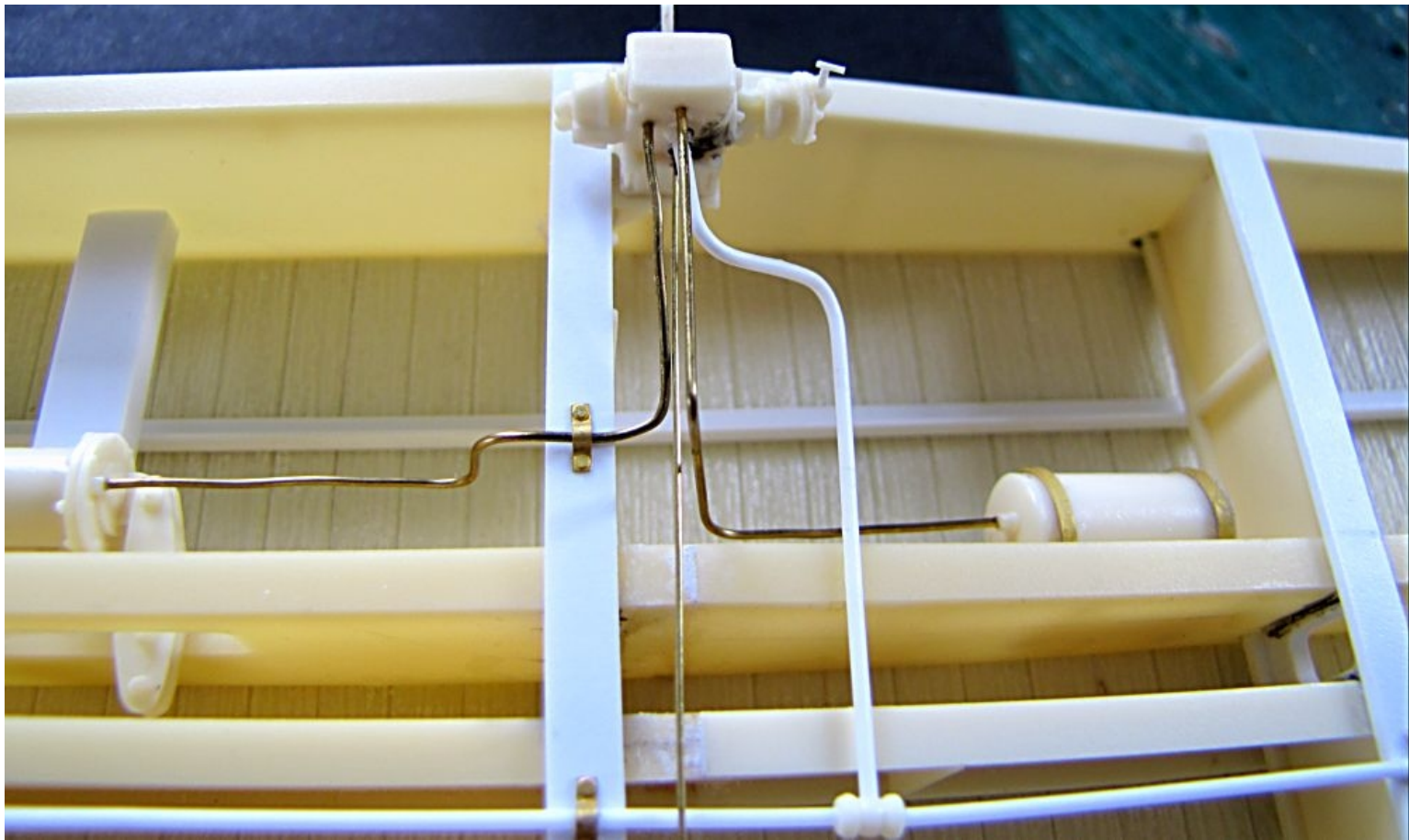


Brake assembly



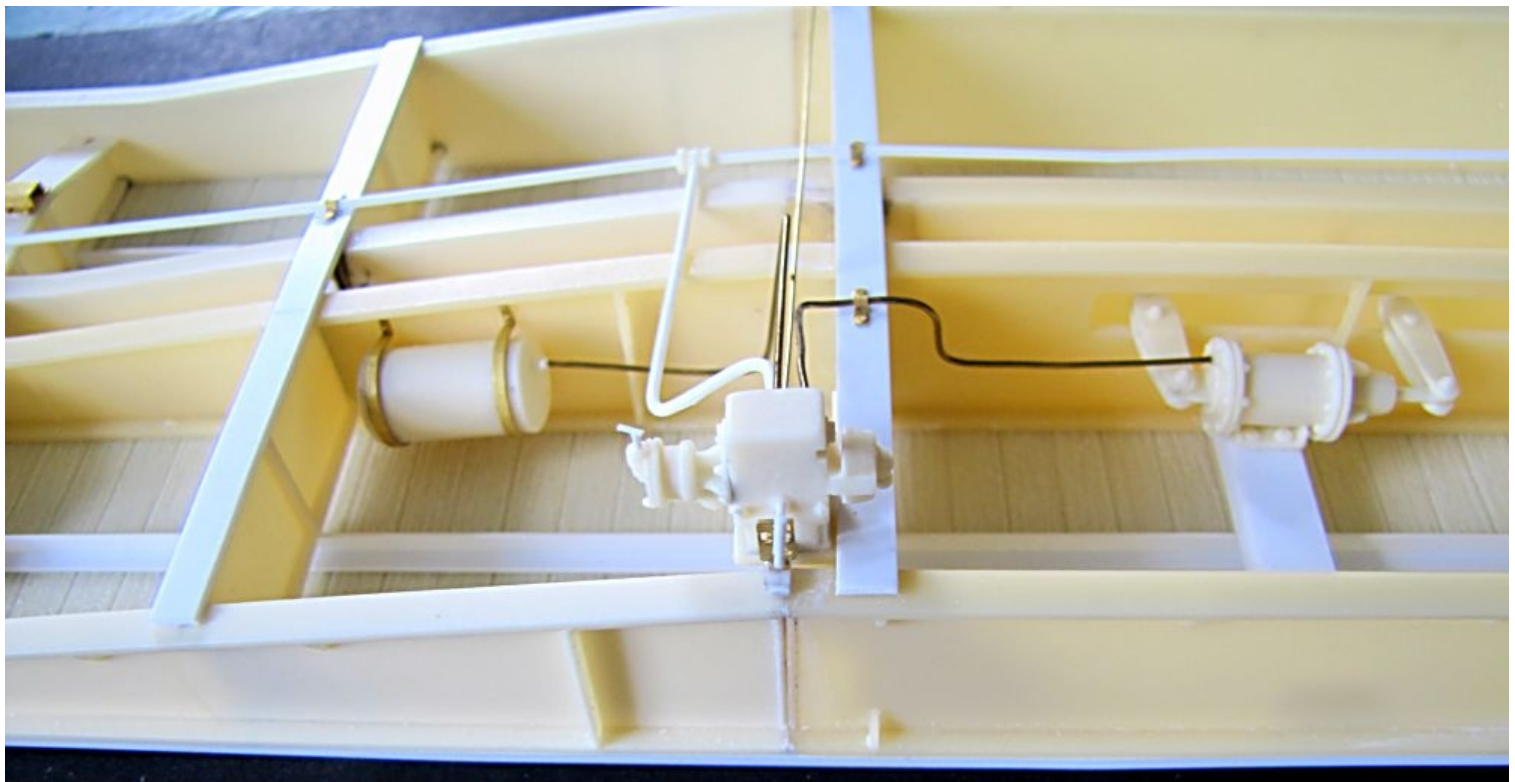
X - 6,3x3,2 strip - assembly the brake cylinder with arms first, then its holding beam, arms are glued straight on slot edge, longer side out and shorter in - they will be connected to brake arms on bogies, using 1mm diameter styrene rod

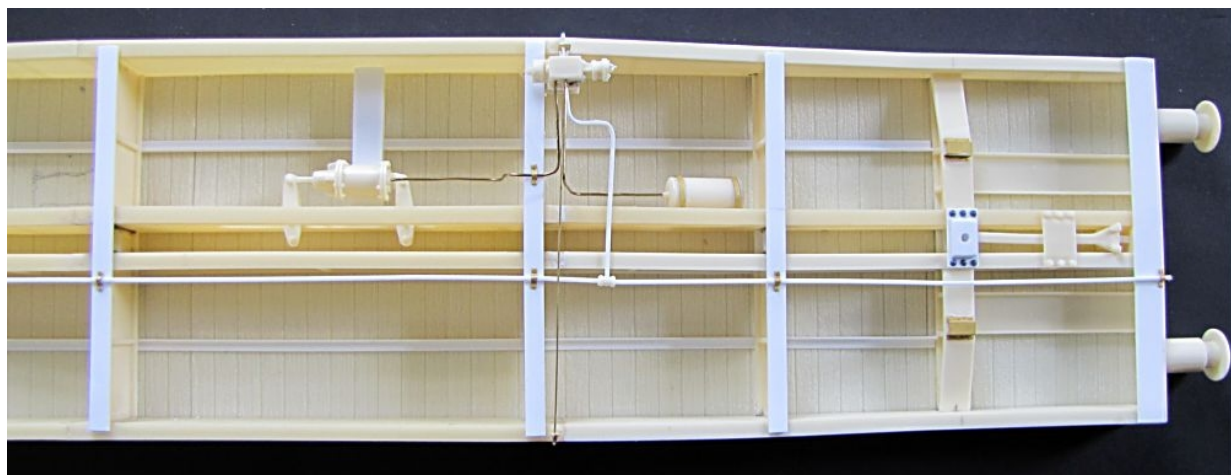
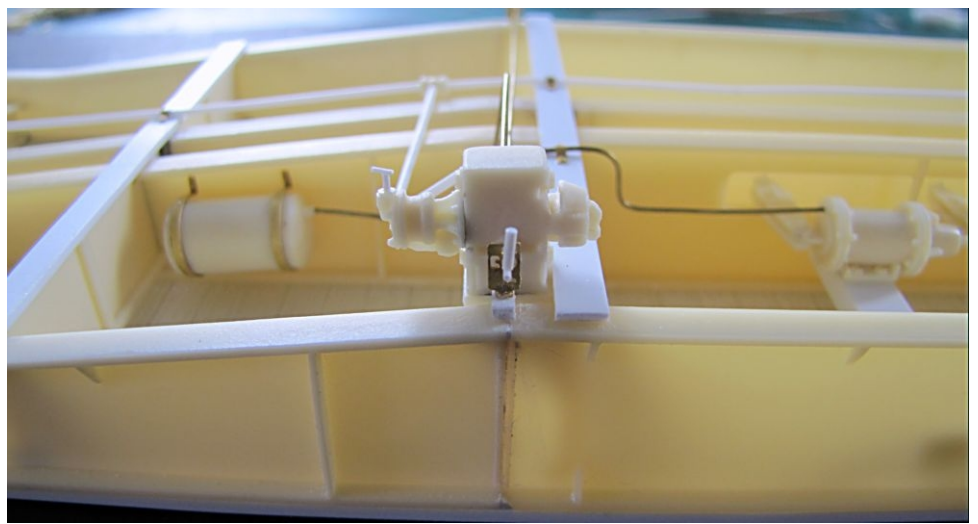
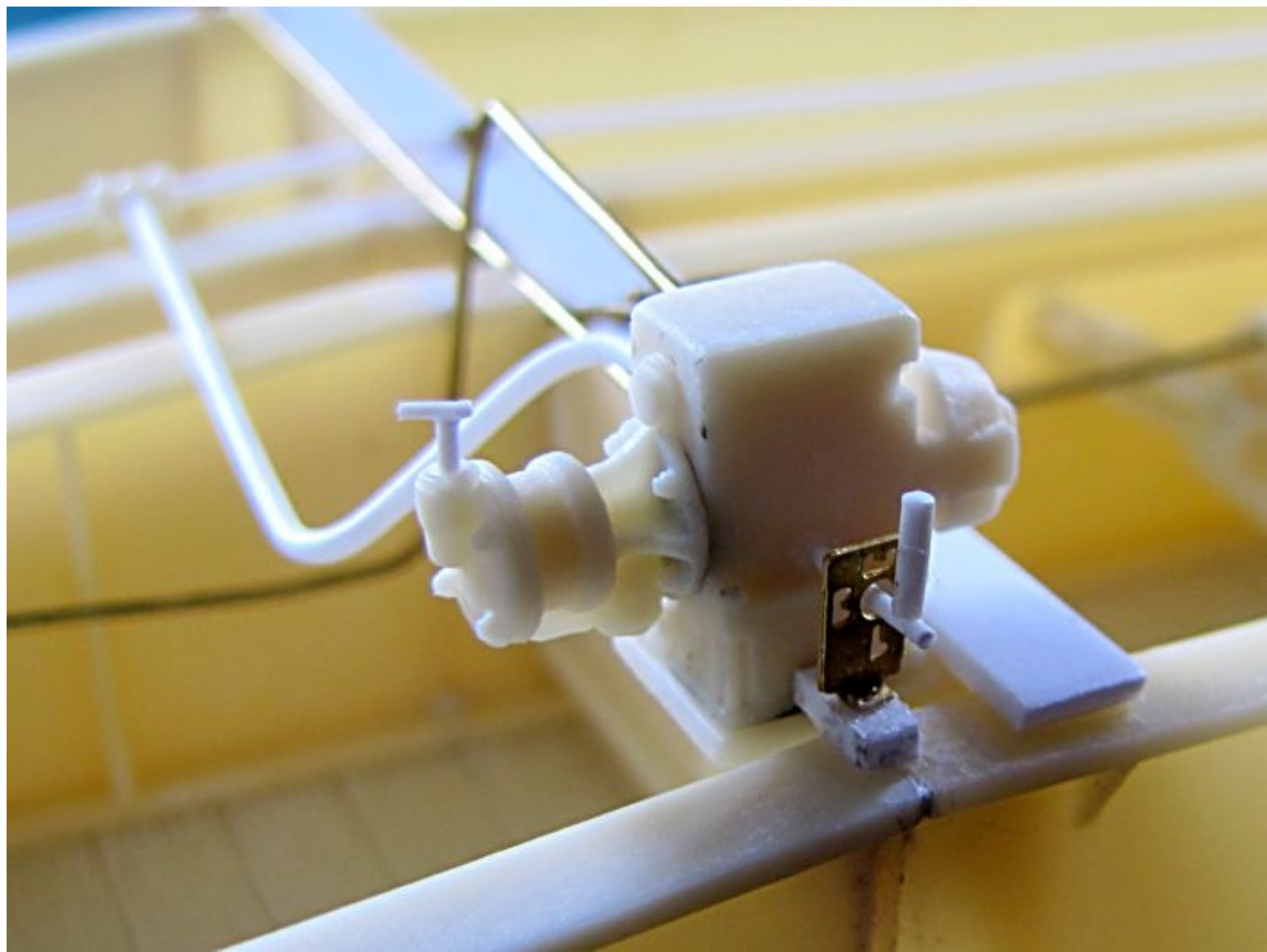


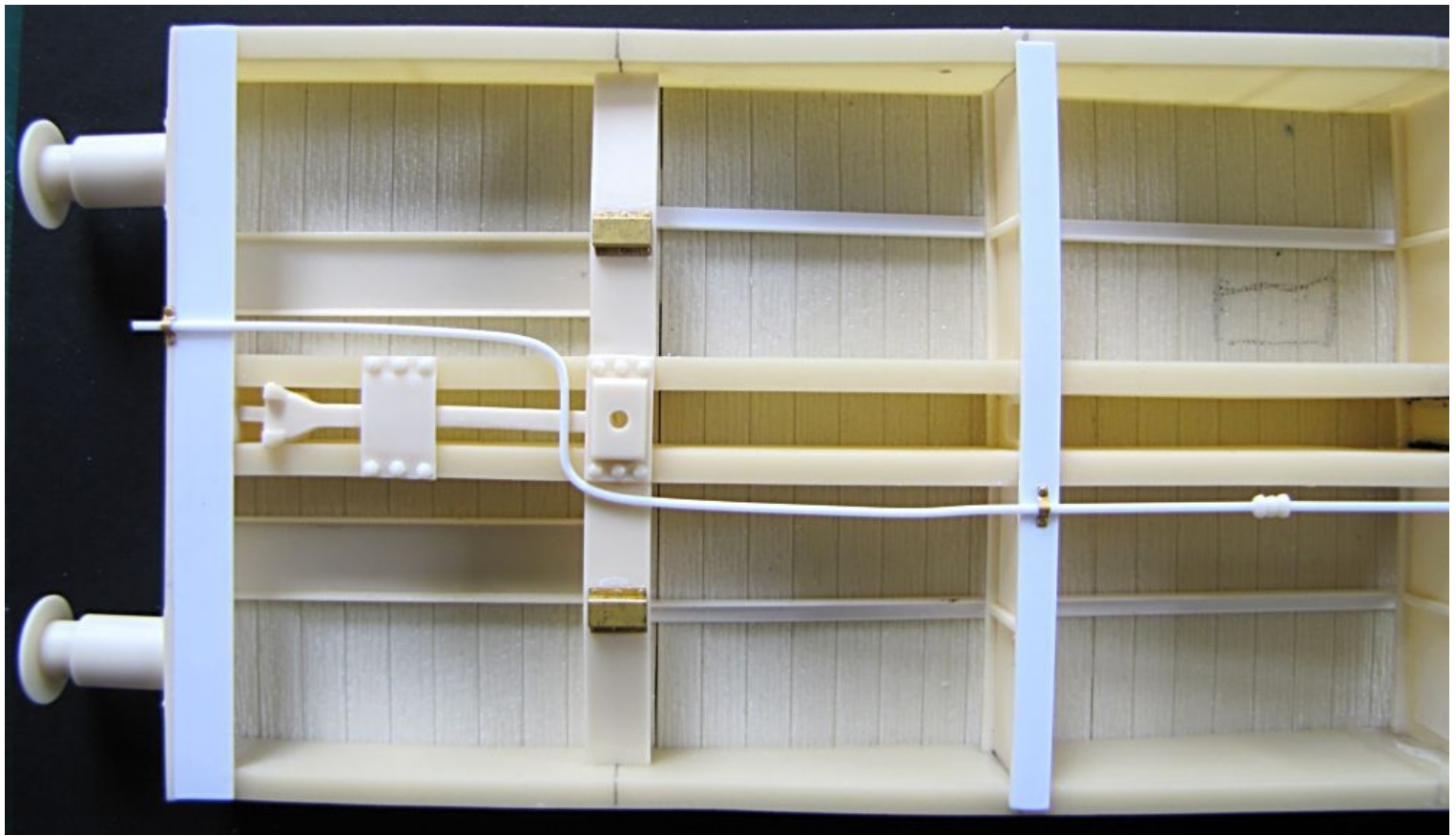


33

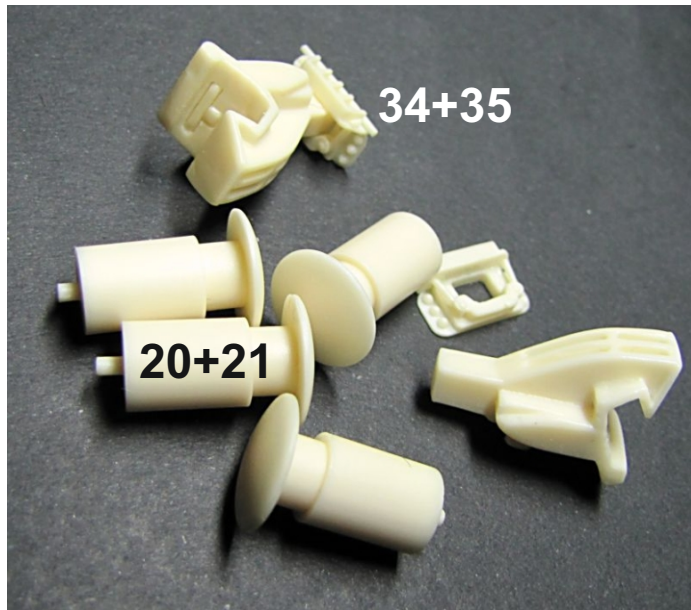
1mm diameter rod used for main air line, 0,6mm diameter wire for other pipes, 0,4mm diameter wire for rod to manipulate the brake power switch. Its lever can be made from thin styrene rod or PE "G" from brake sheet can be used. There are also PE "H" - pipe clamps, and "L+M" markings



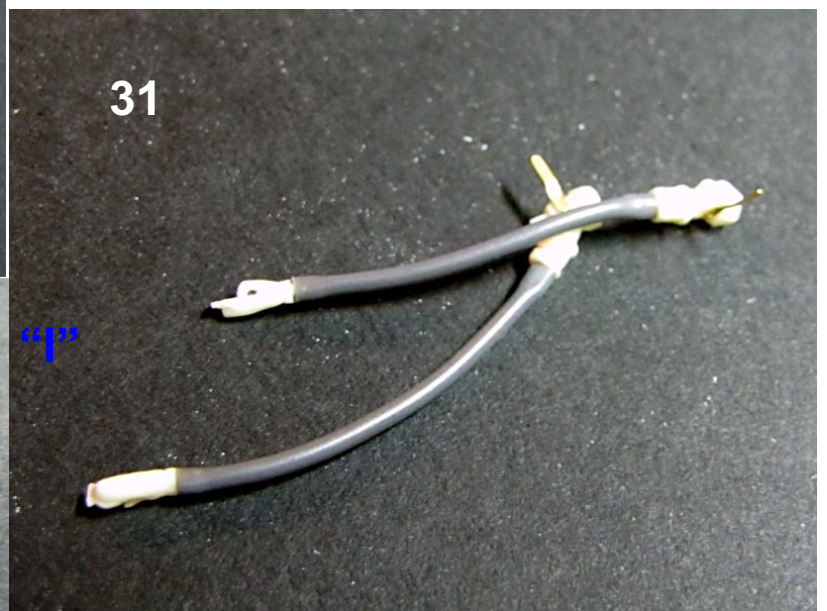
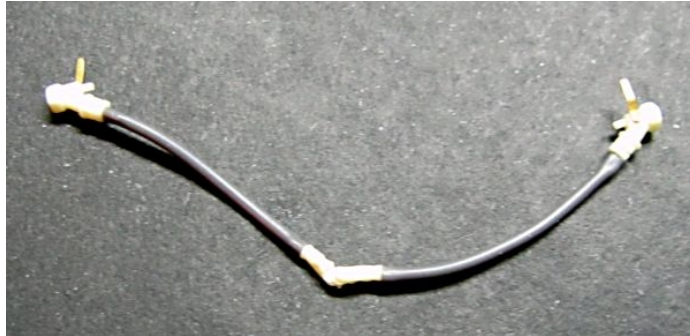




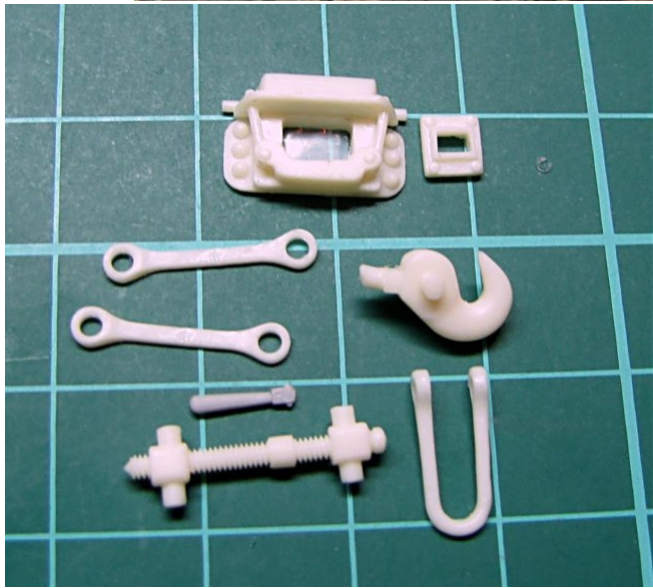
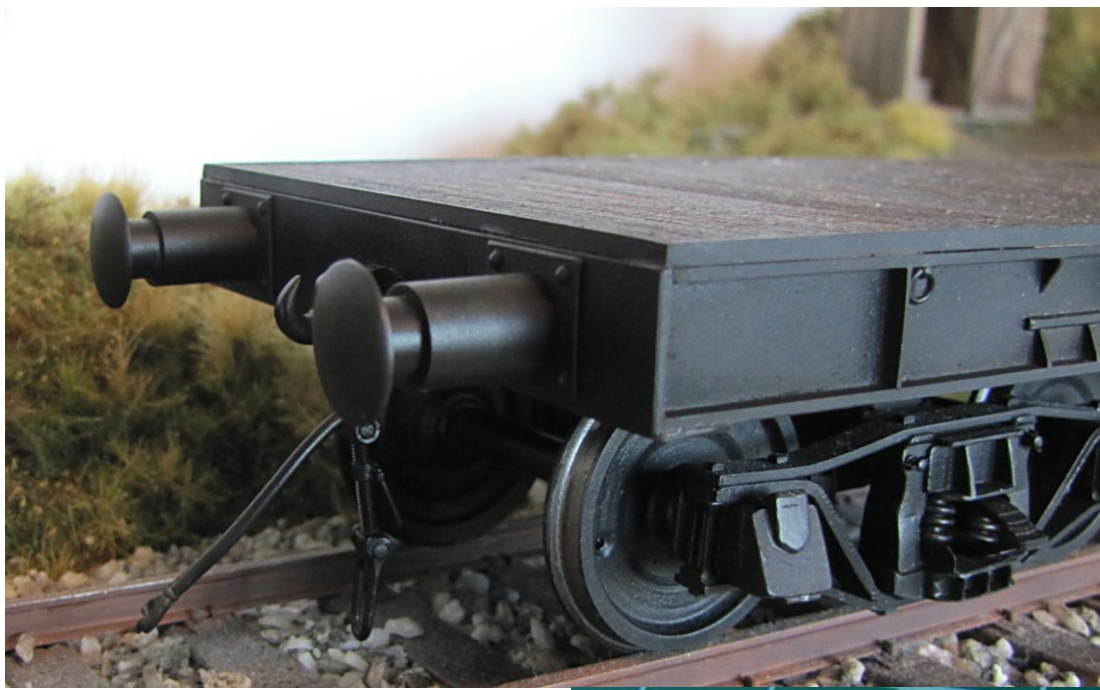
Air pipe should end on the left at both sides



Russian couplers are not included in this kit, but there are German screw couplings instead. Russian "35" and German holders are here to choose an option



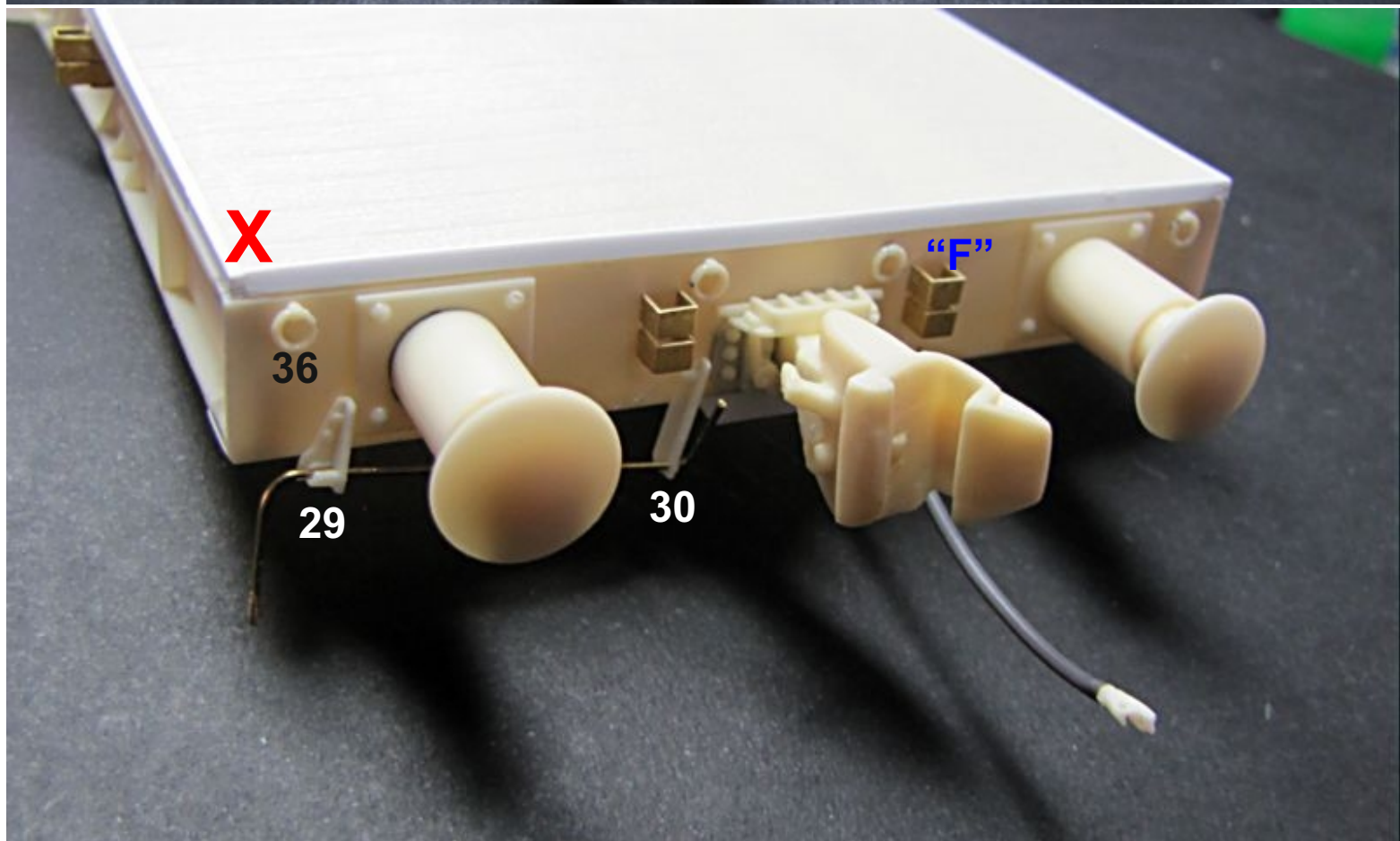
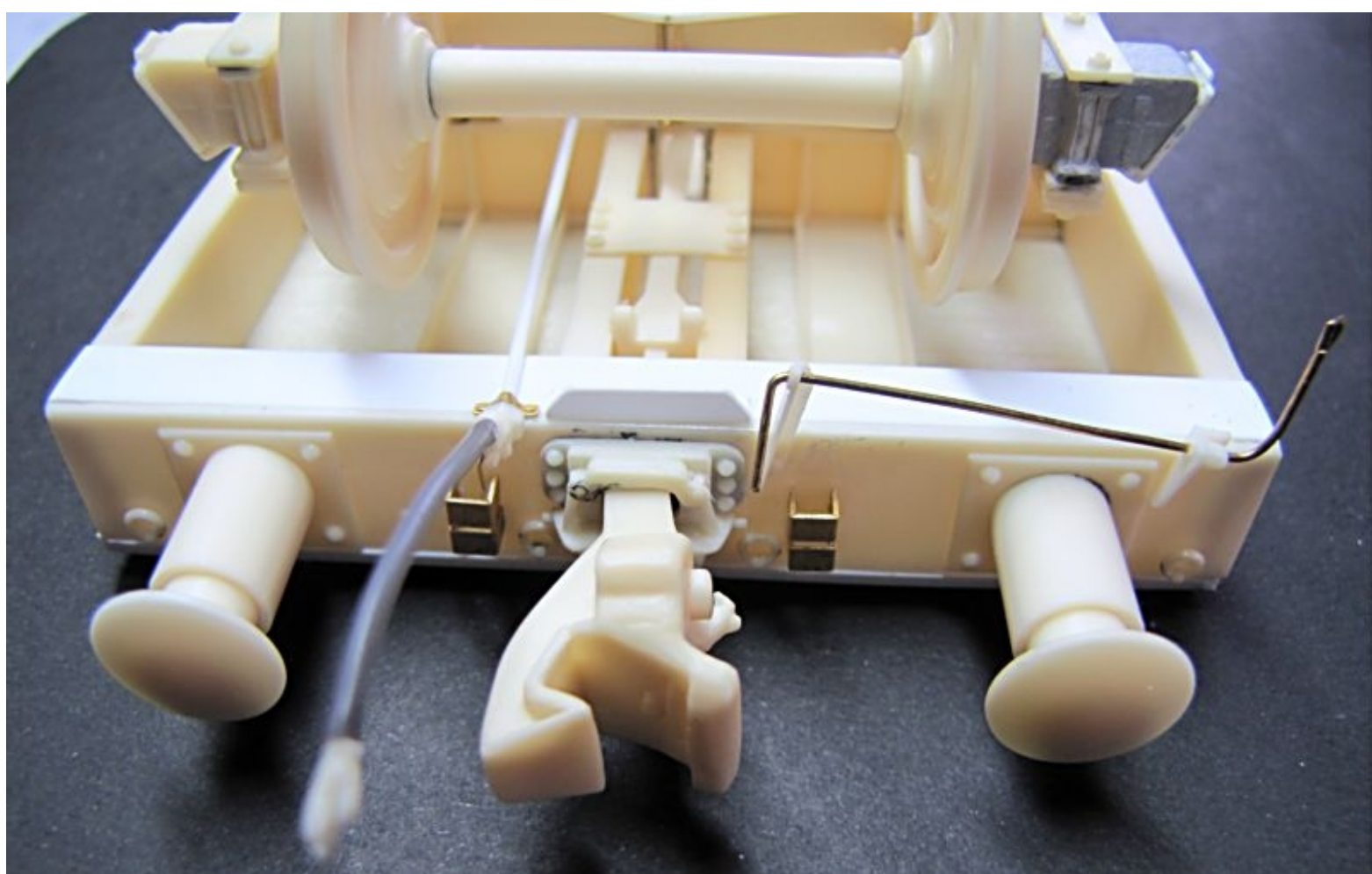
For hose can be used isolation from suitable tiny cable - to get "flexible hose"



Turning screw handle can be glued in any position - for coupler hung down or for connected one.

PE hangers "G" to be glued next to the air valves - to hold hose connector in fixed position

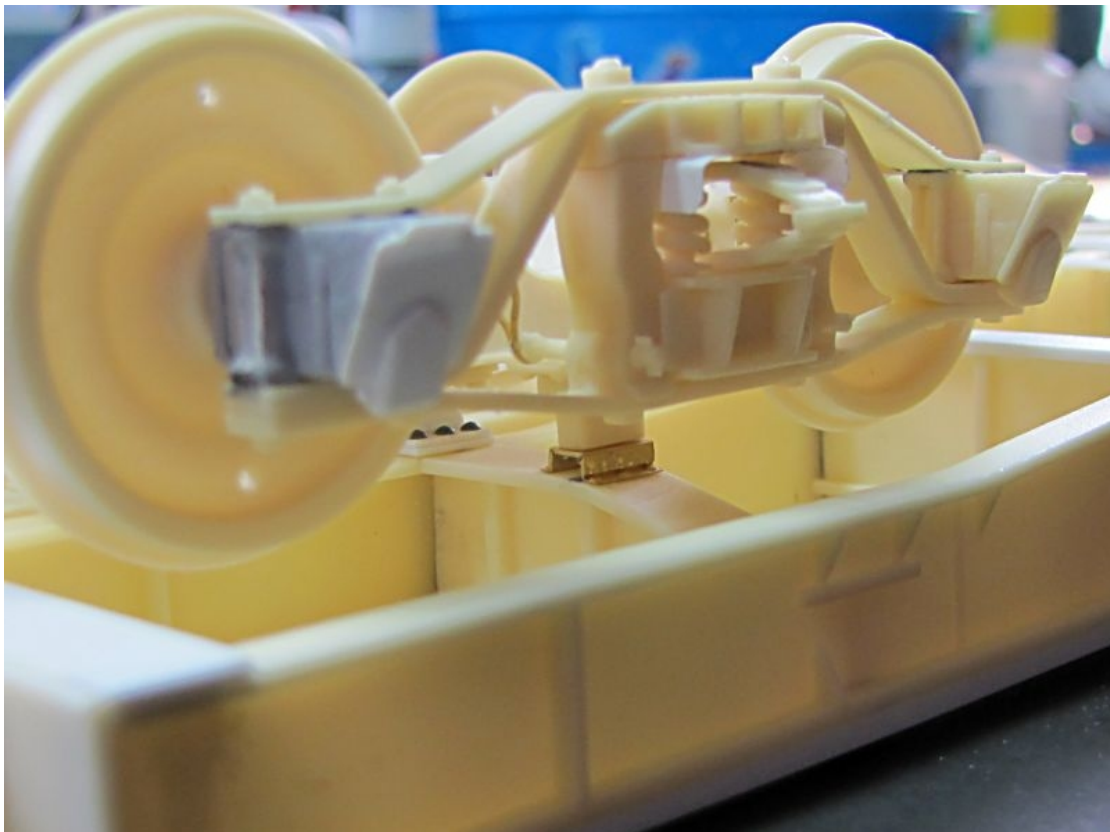


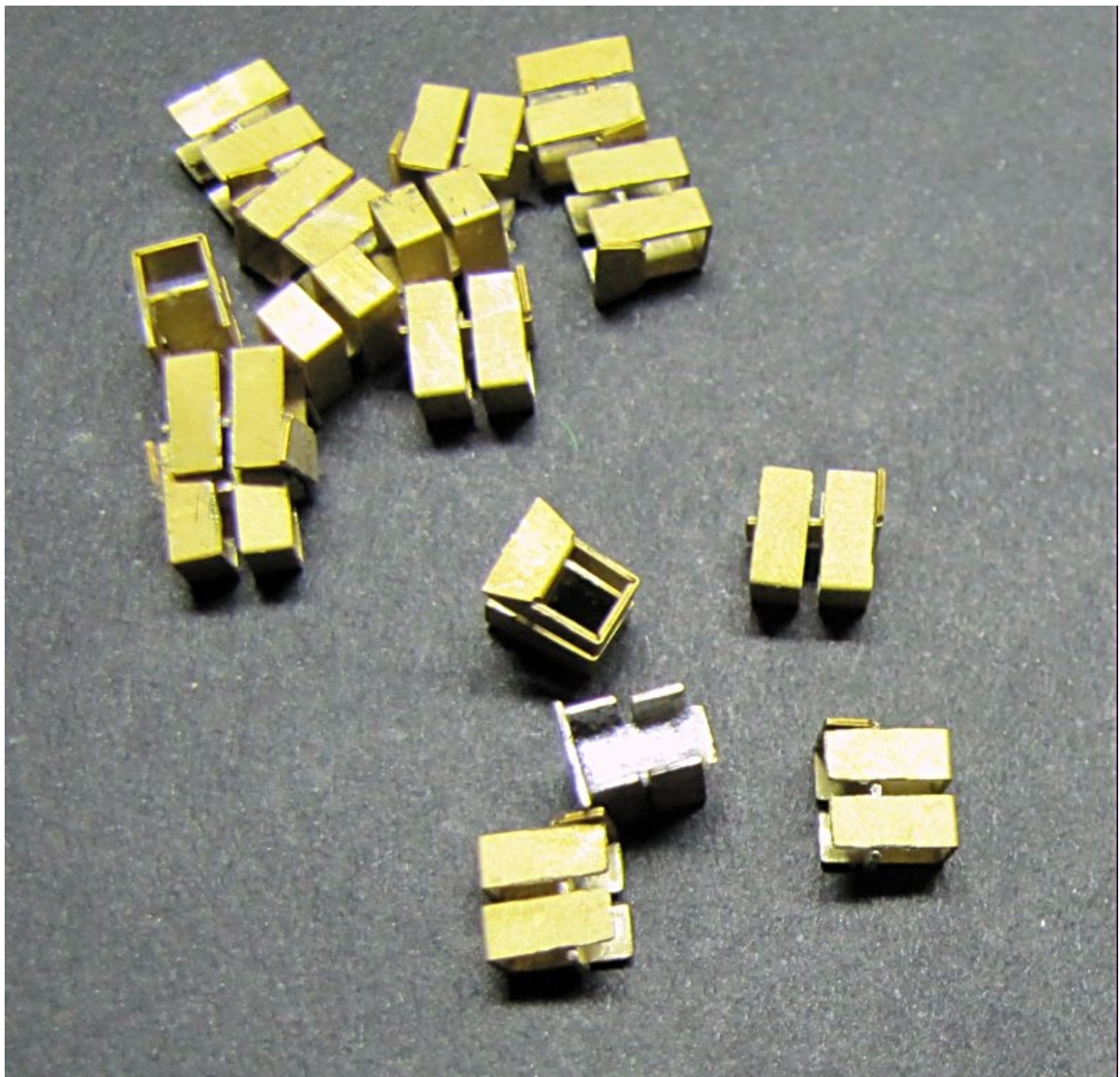
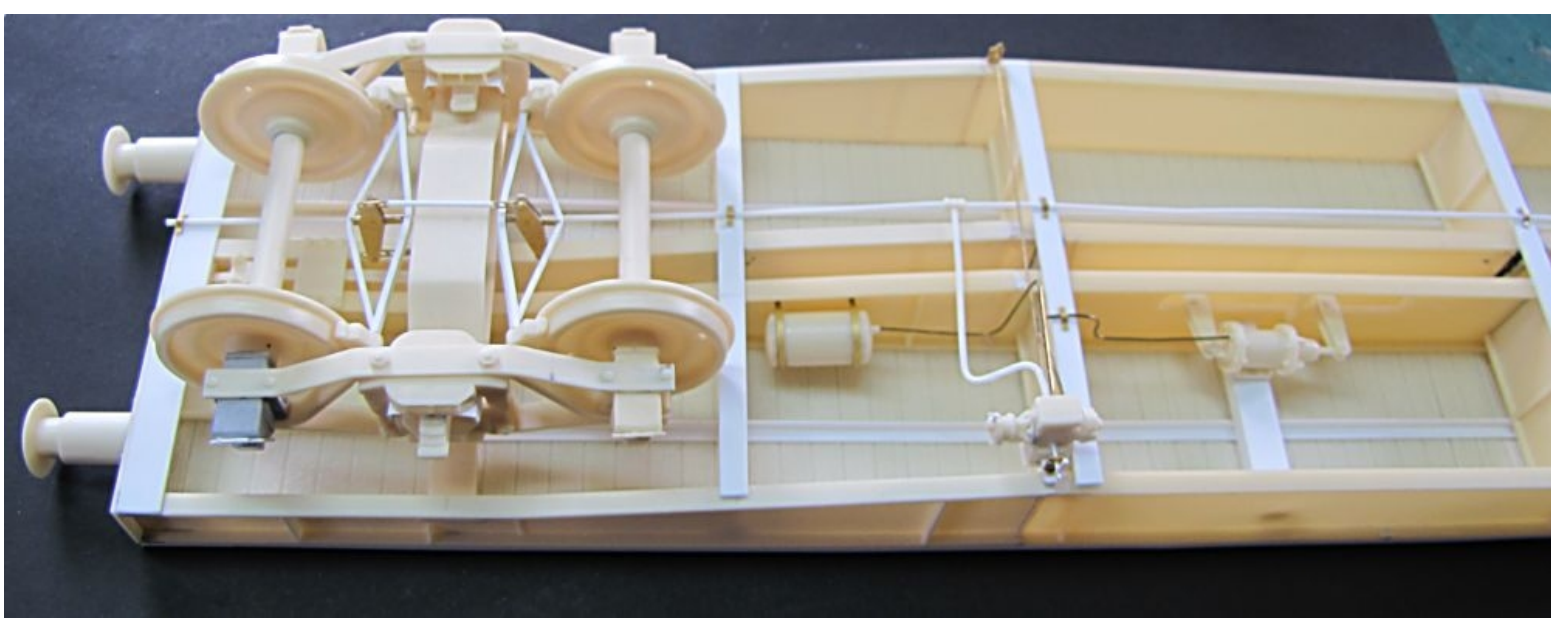


X - 1,1x1,7mm styrene strip frames whole floor all around. Parts 29 and 30 are not included in the kit

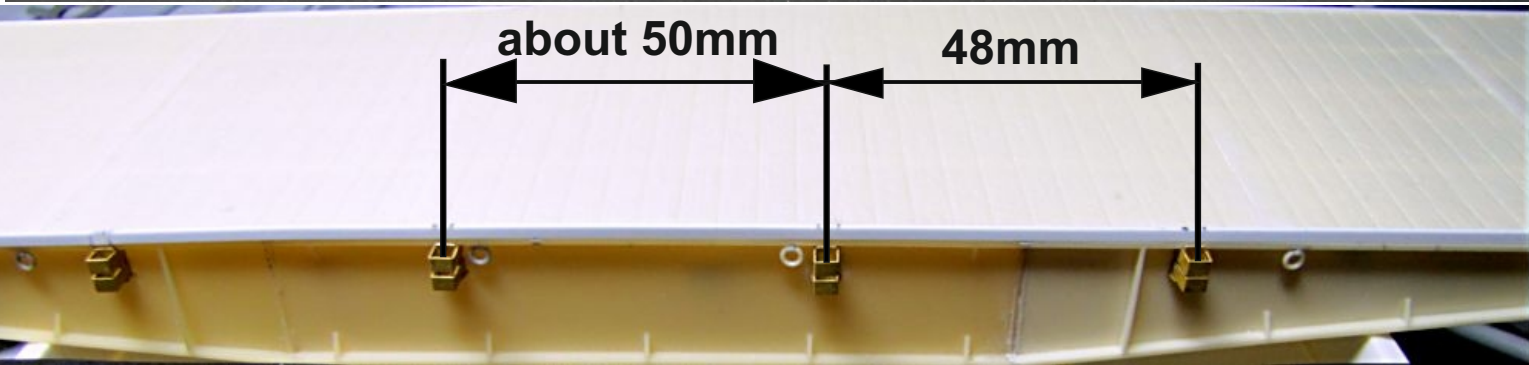
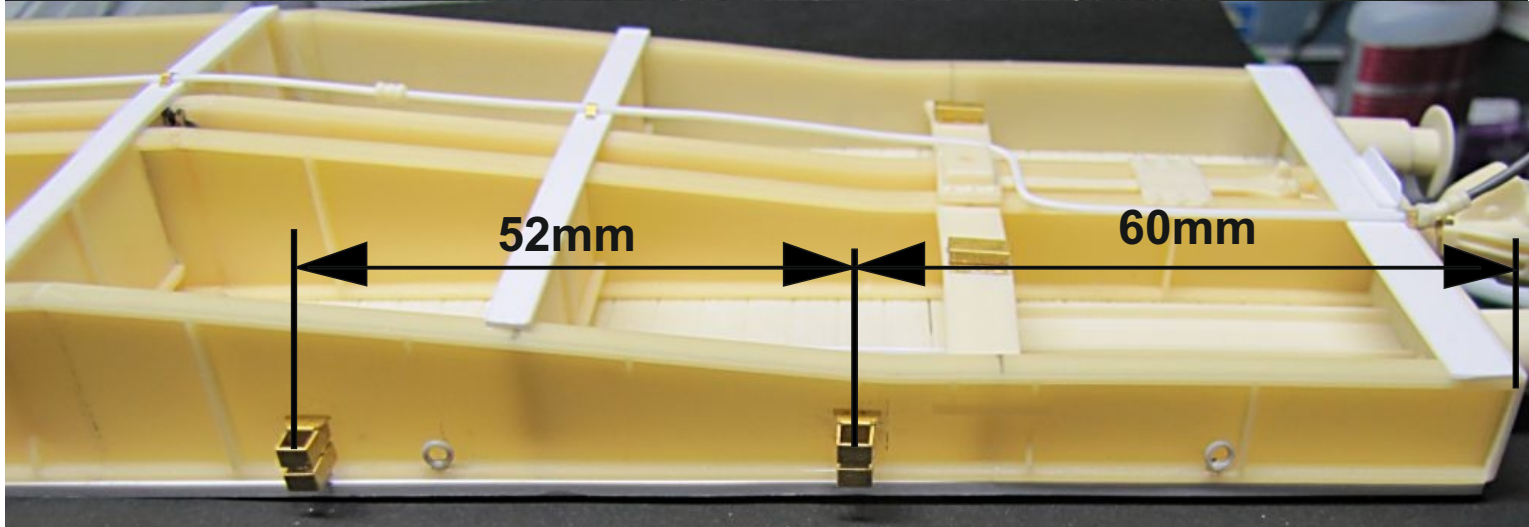
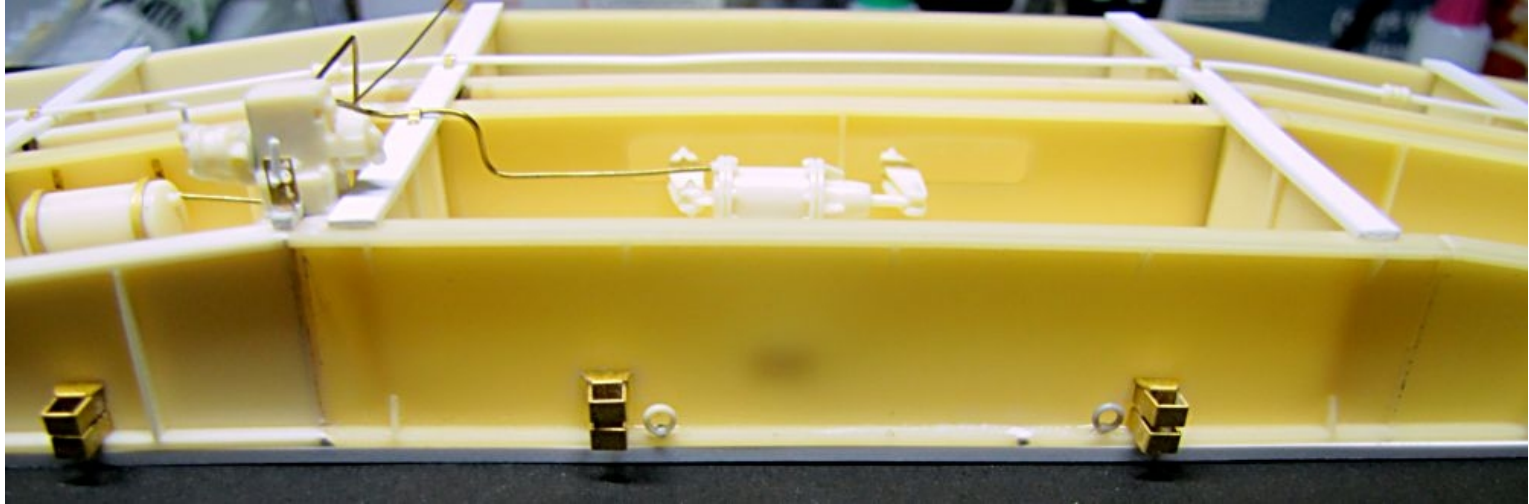


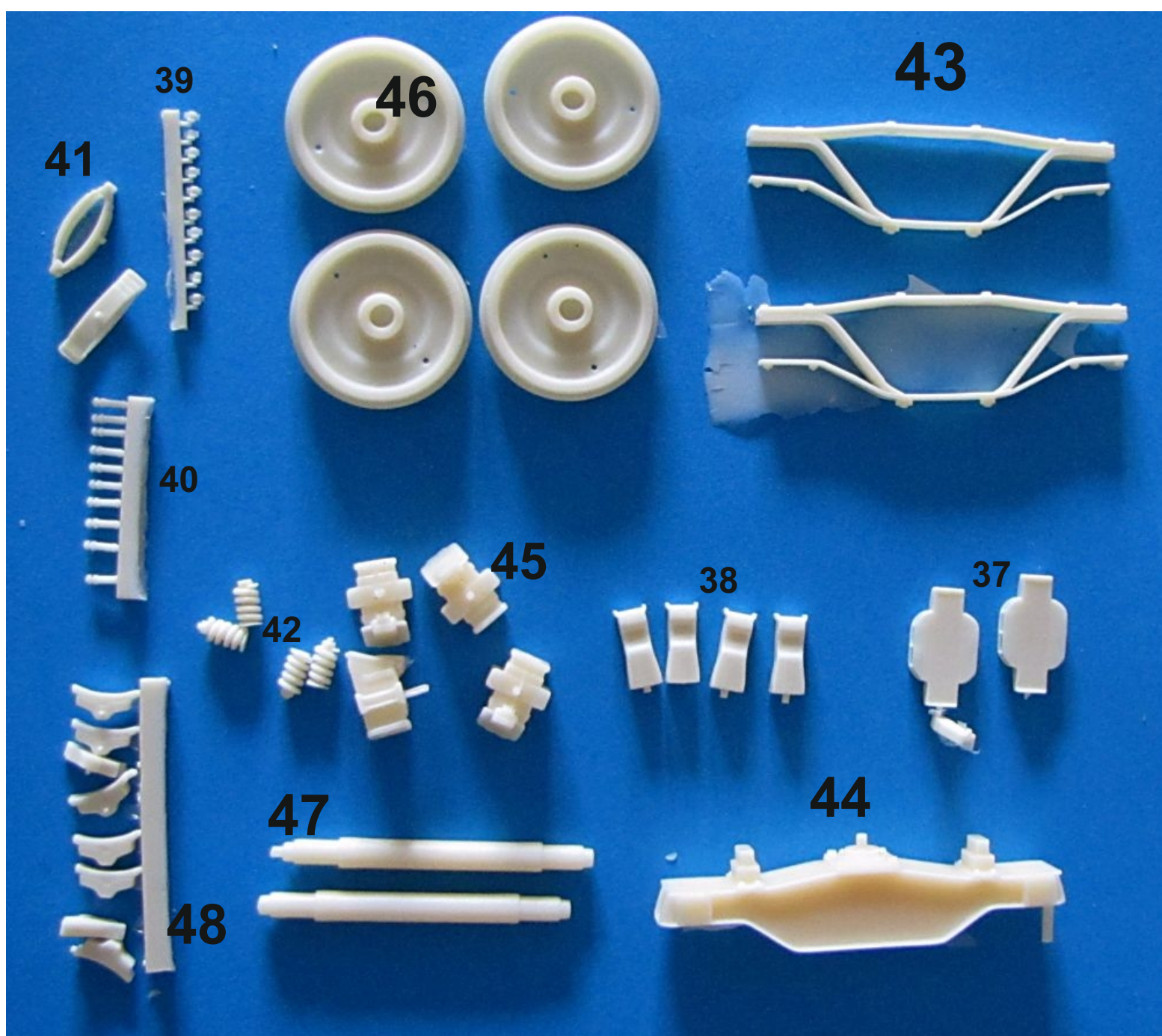
Earlier type of Russian bogie in the picture





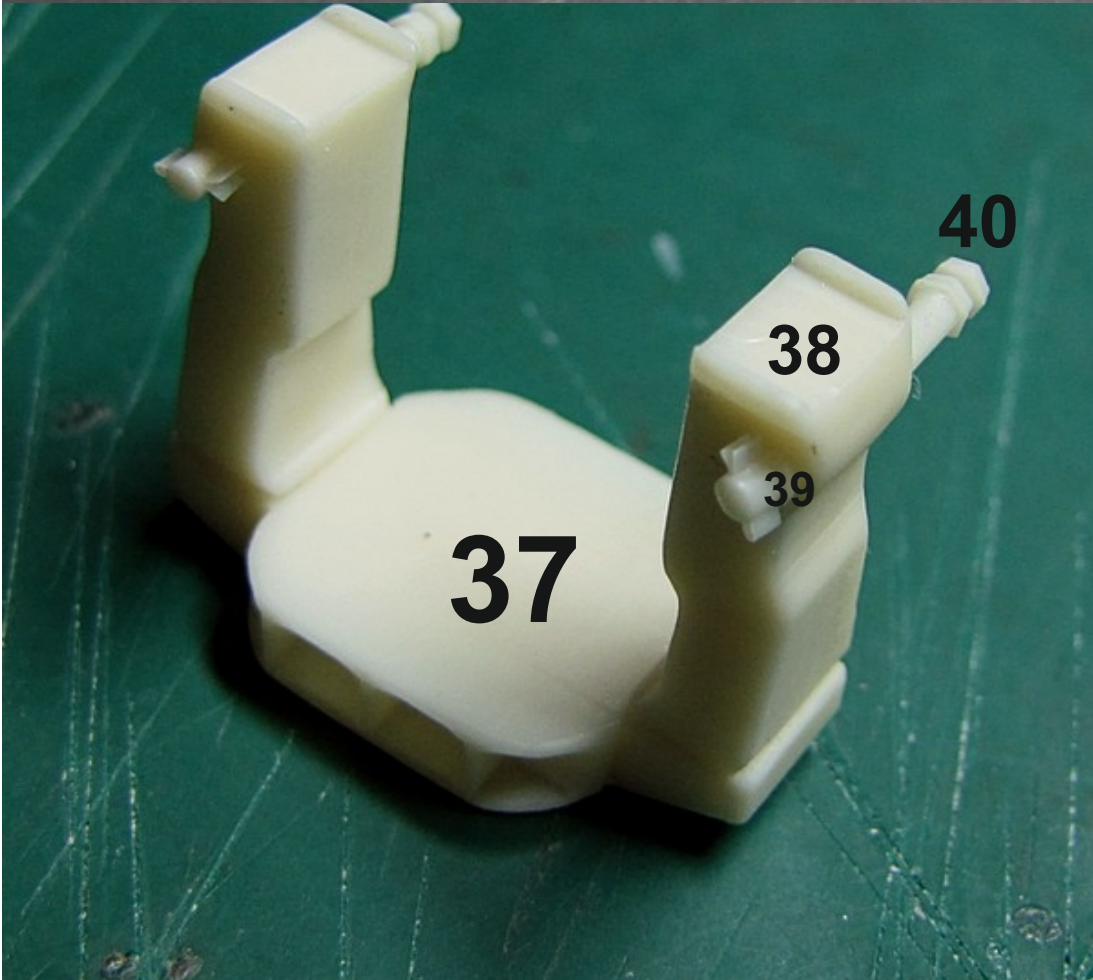
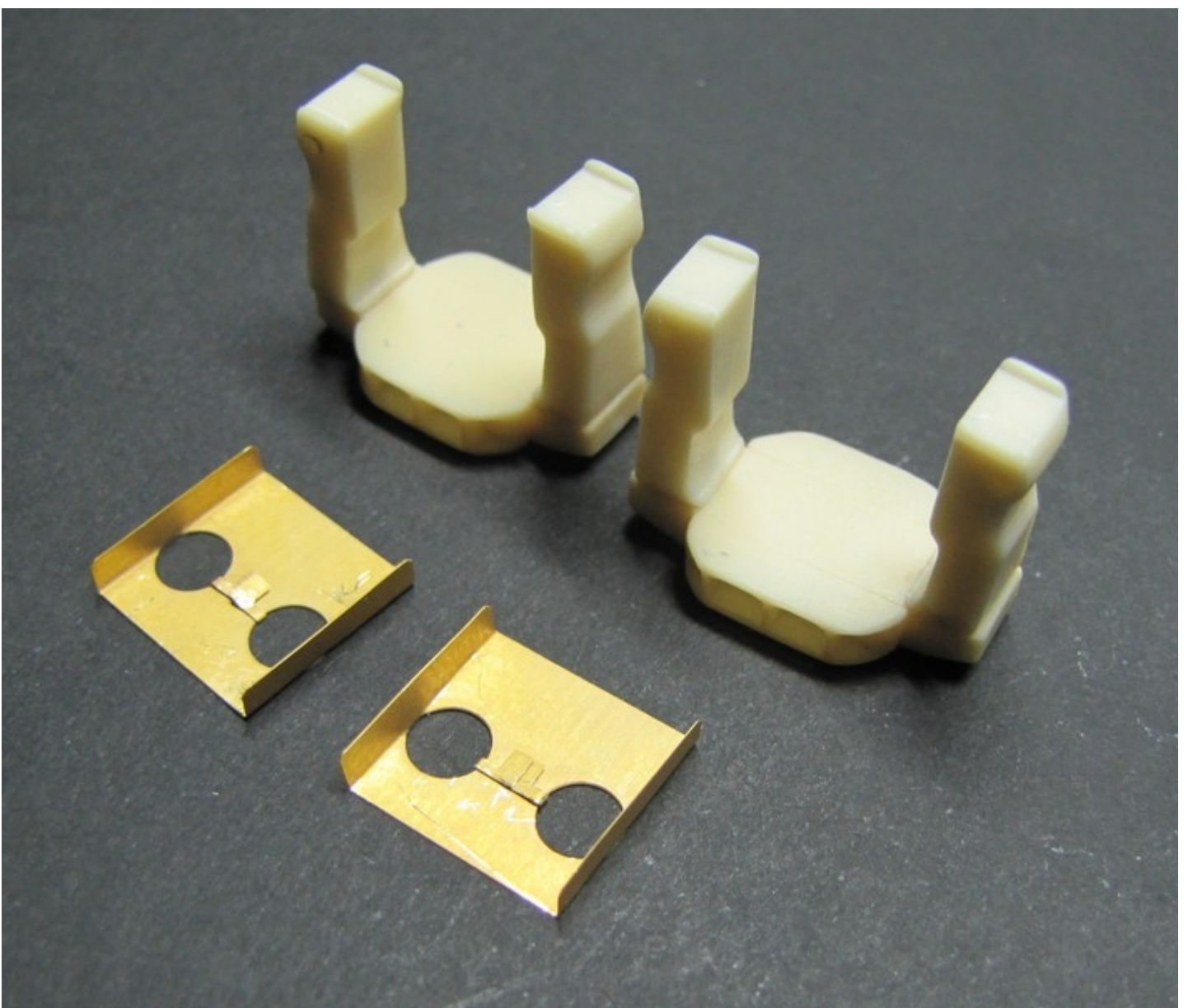
PE “D+E” glued or welded together

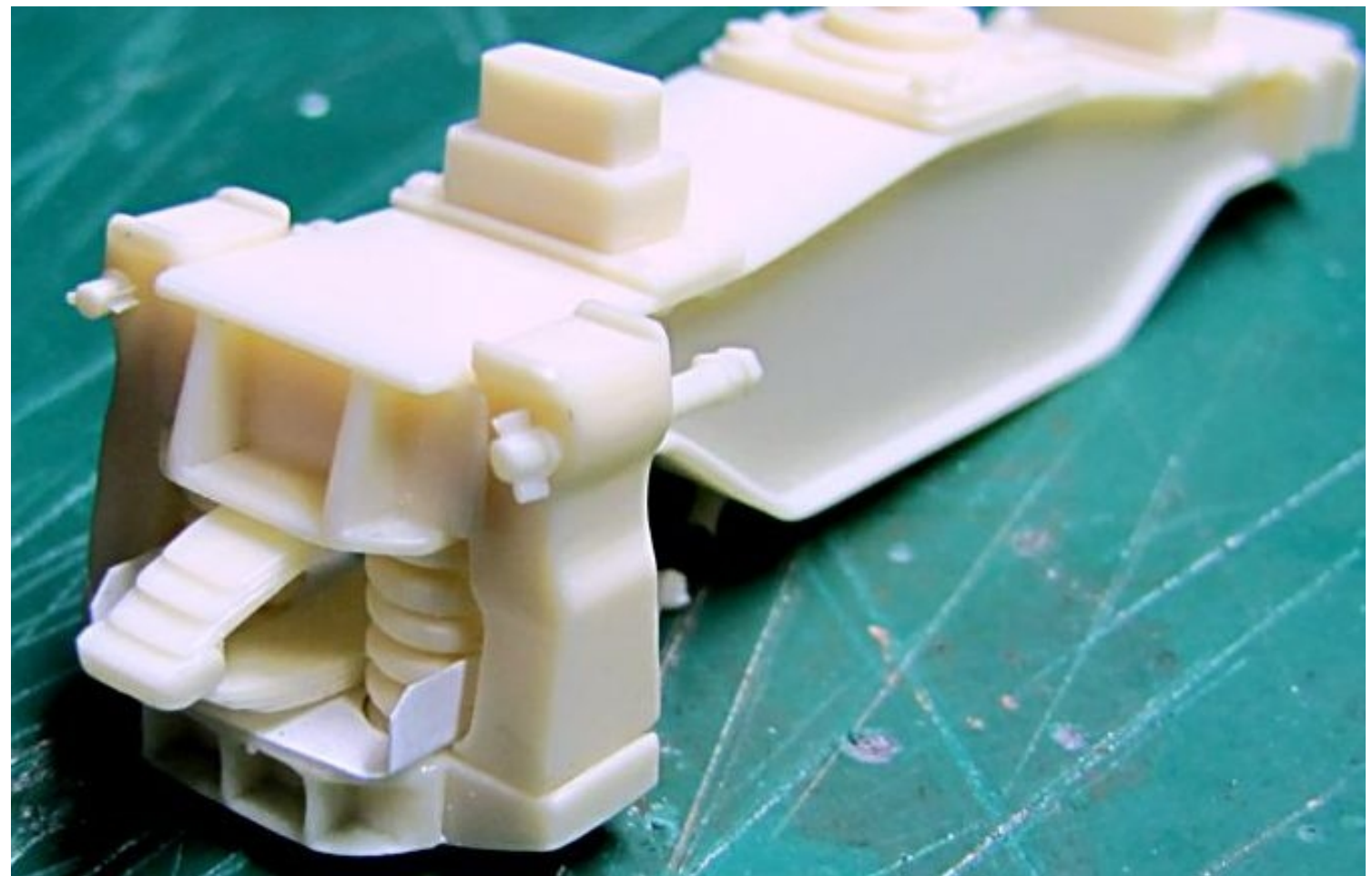
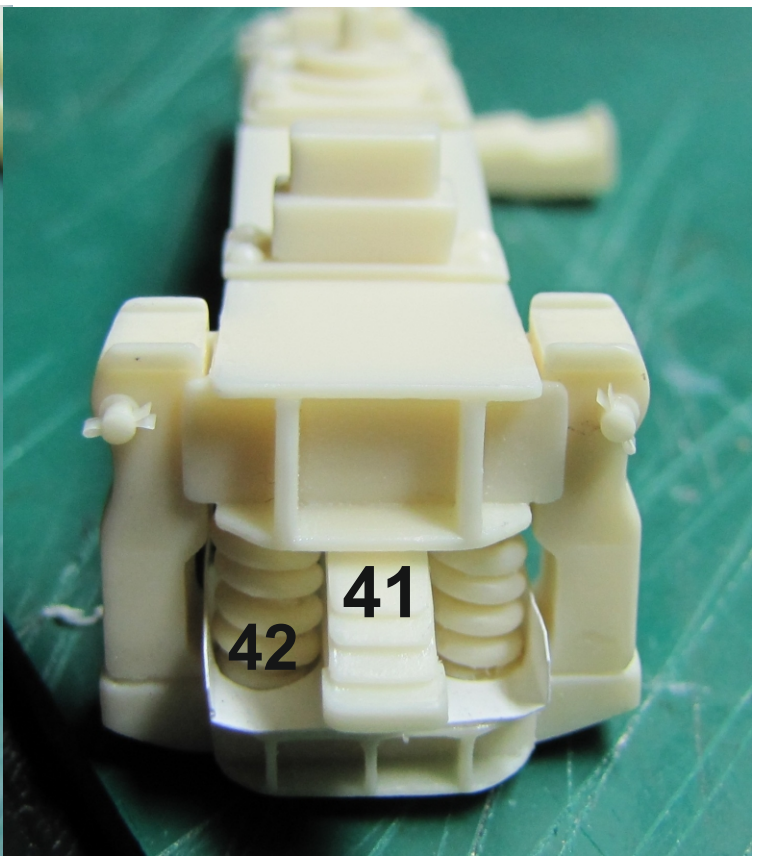
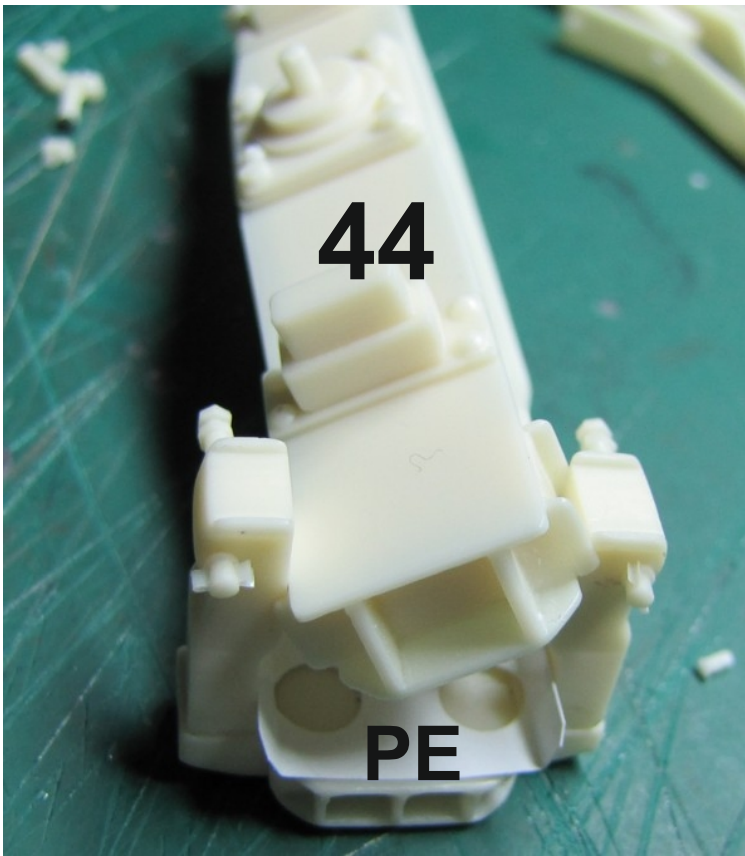


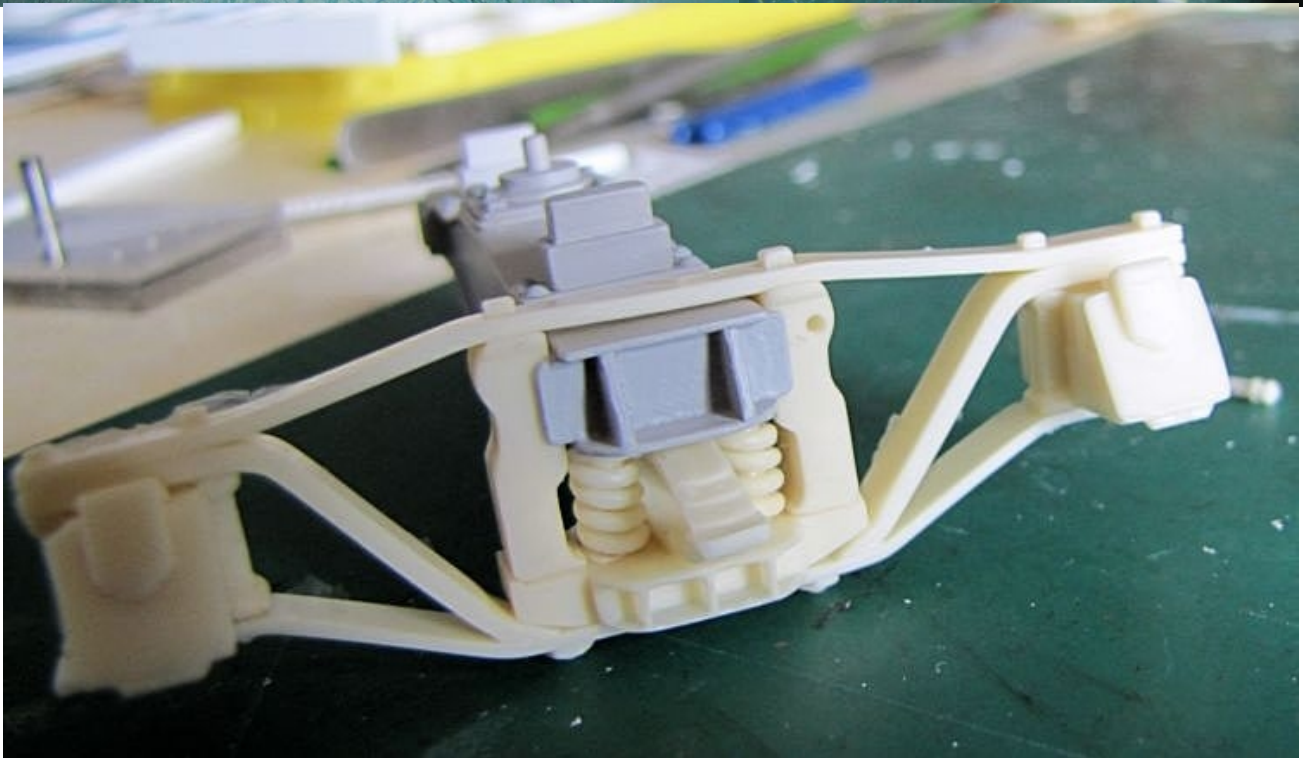
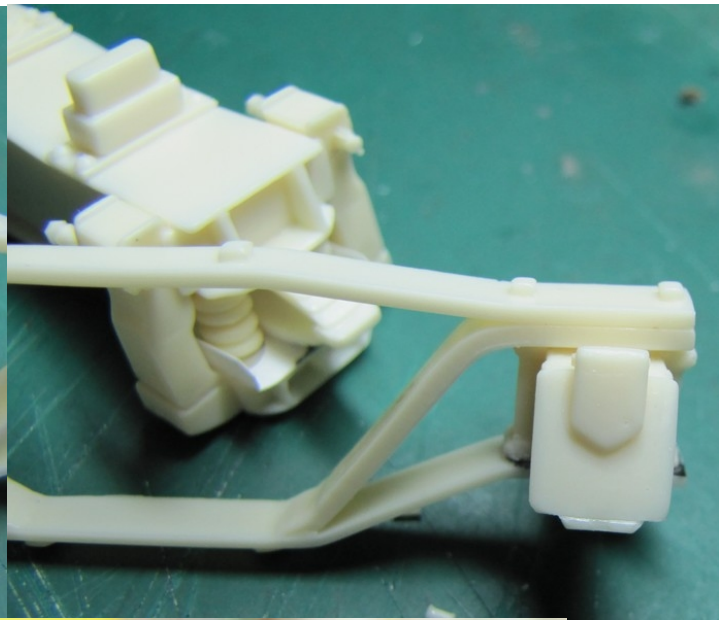
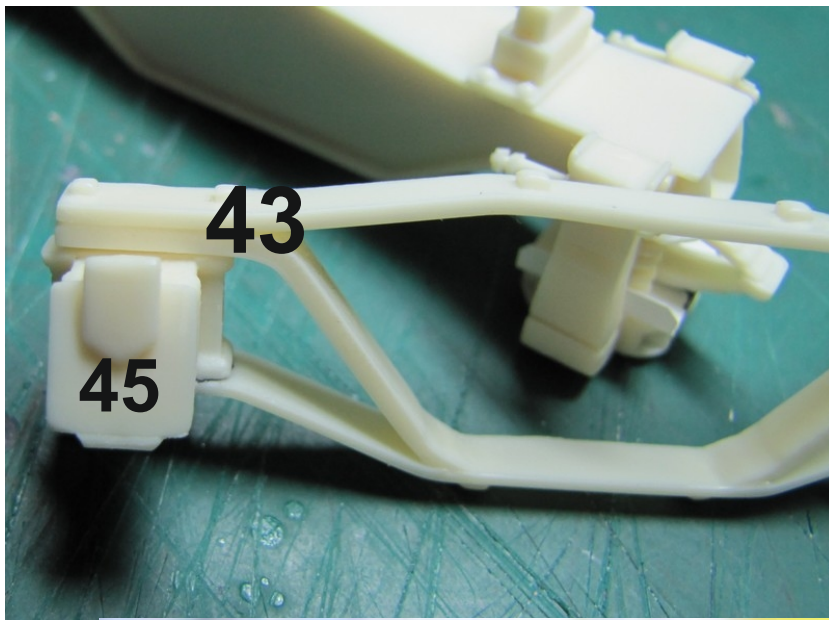


Bogies

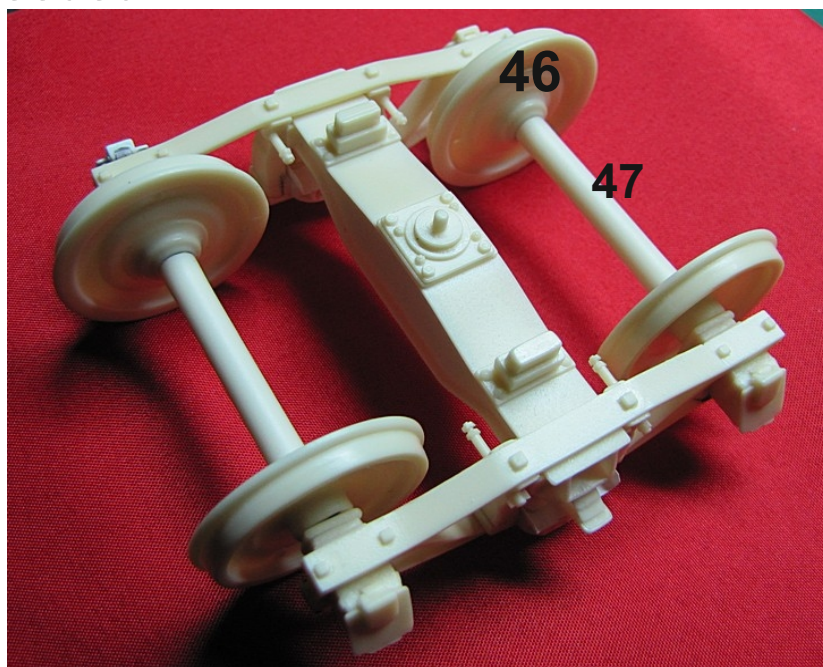






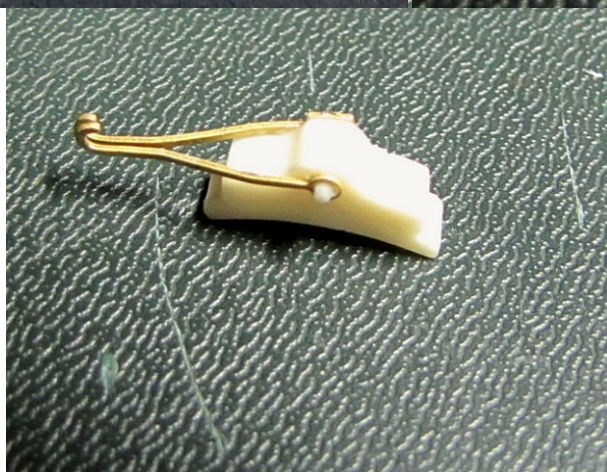
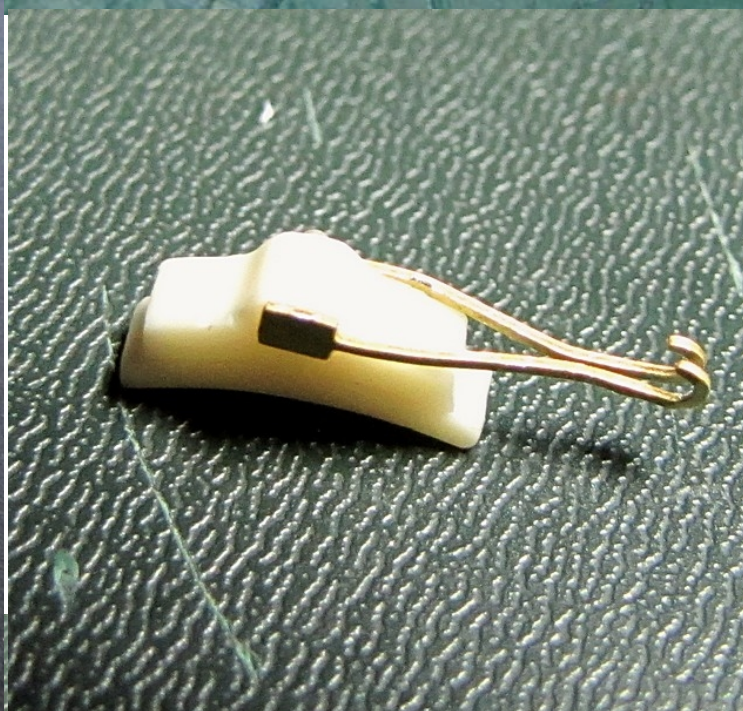


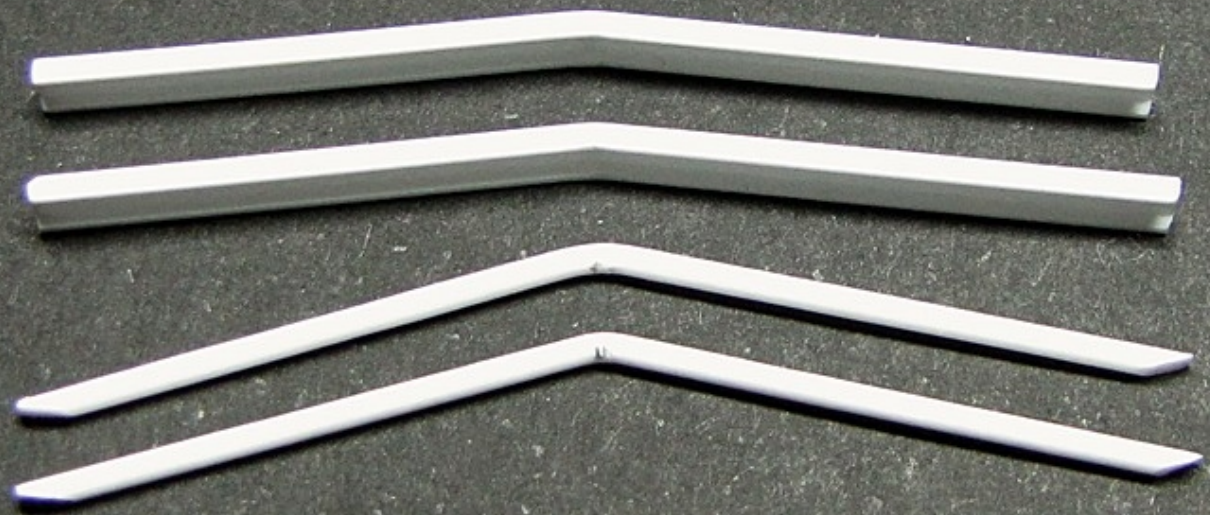
Holes in wheels need to clean up and extend with 4-4,2mm diameter drill bit. Extra care to assembly wheels on axles in right angle needed.



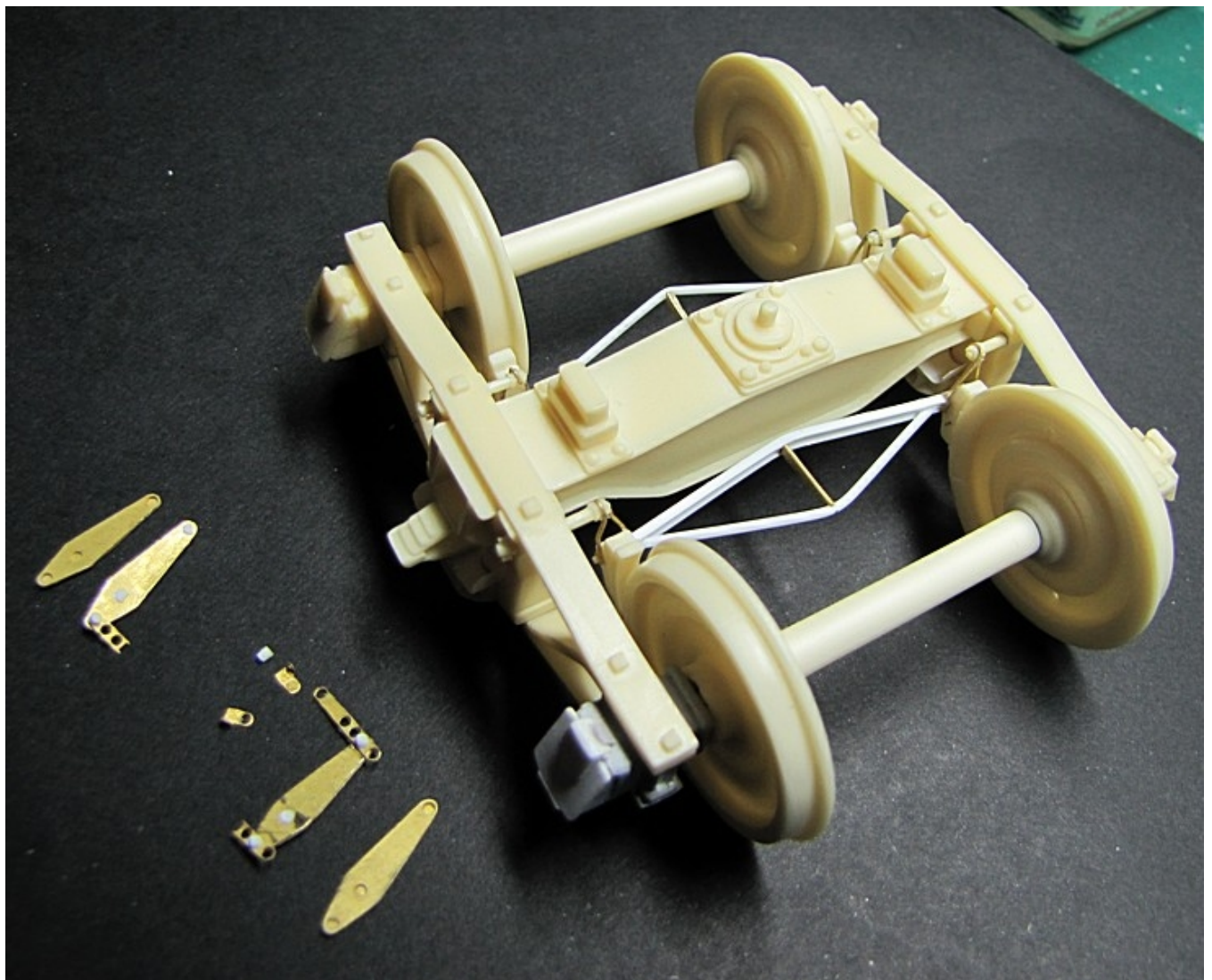
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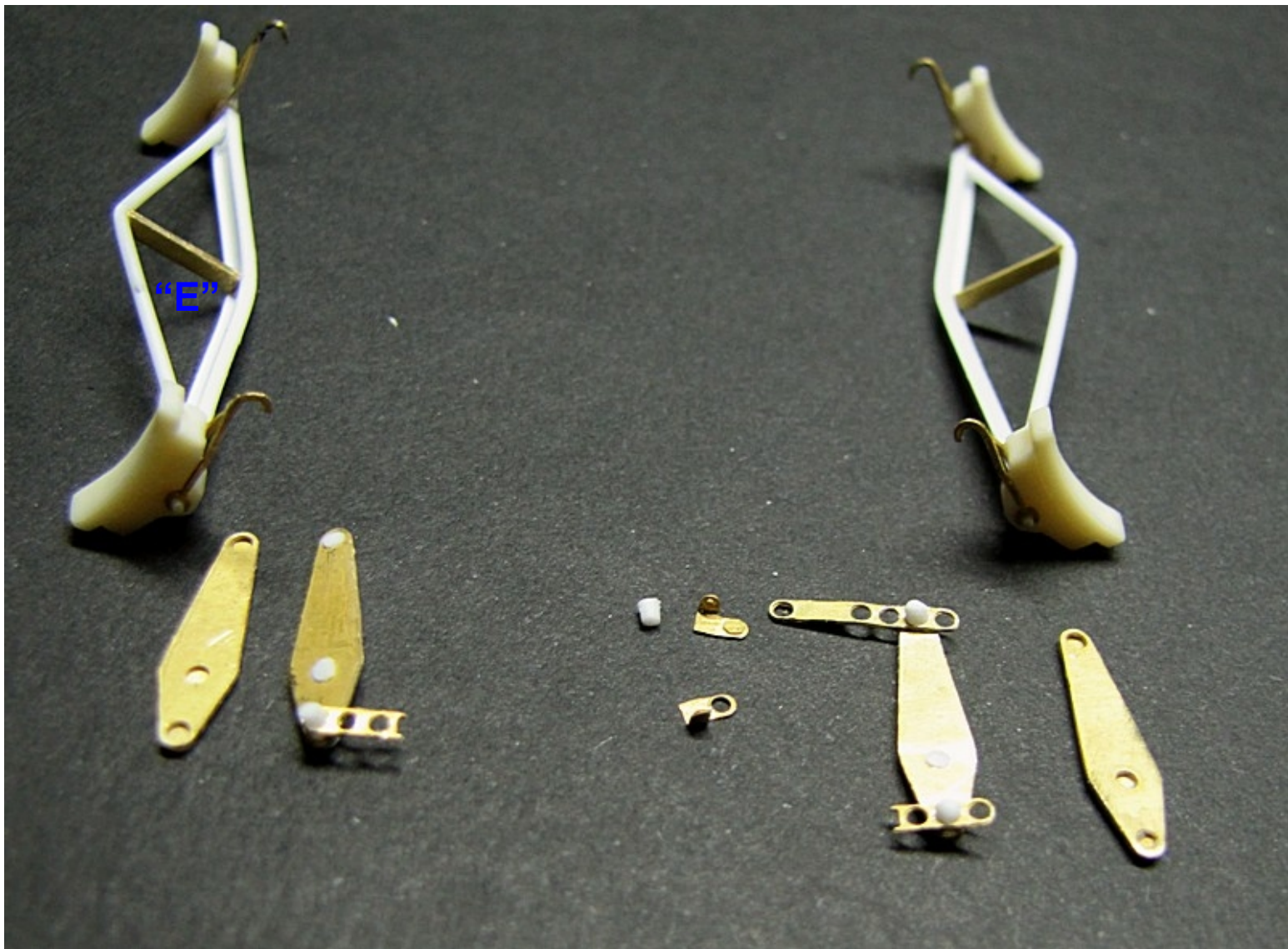
"J+K"



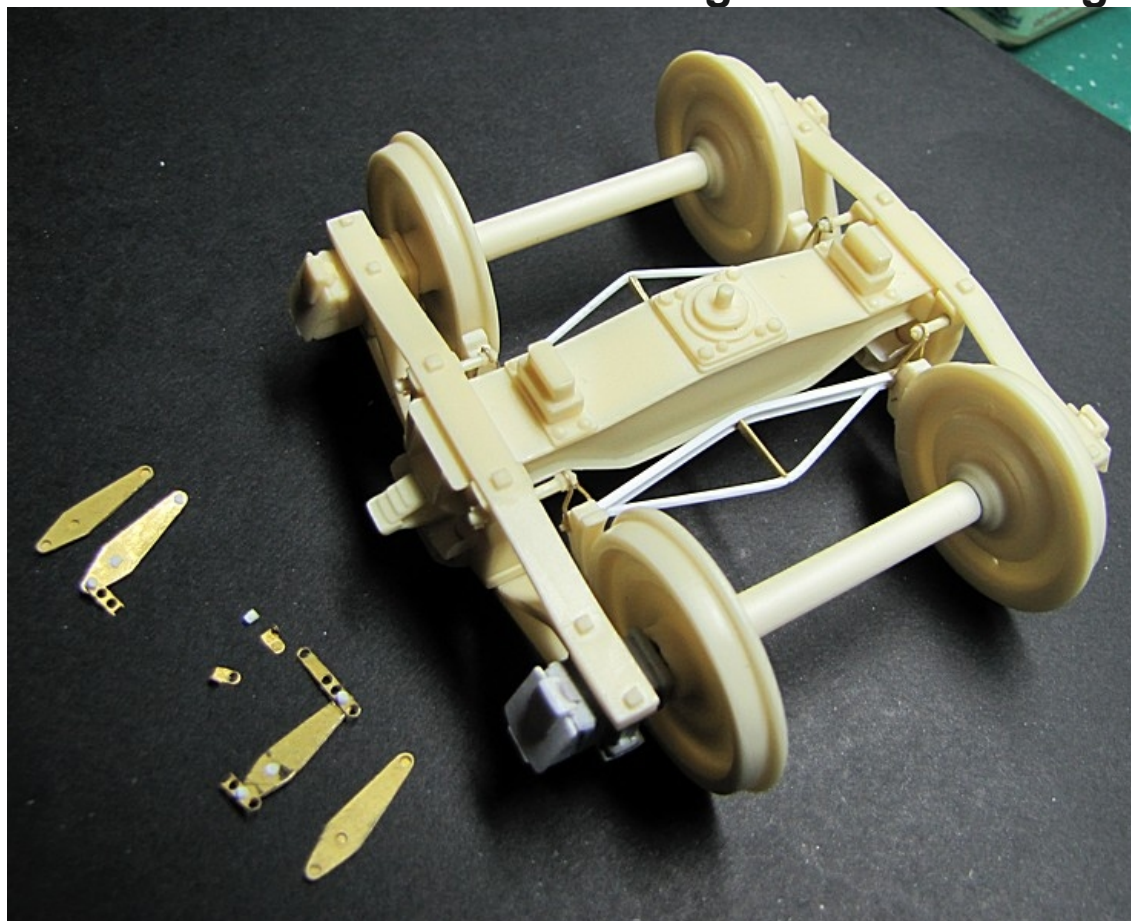


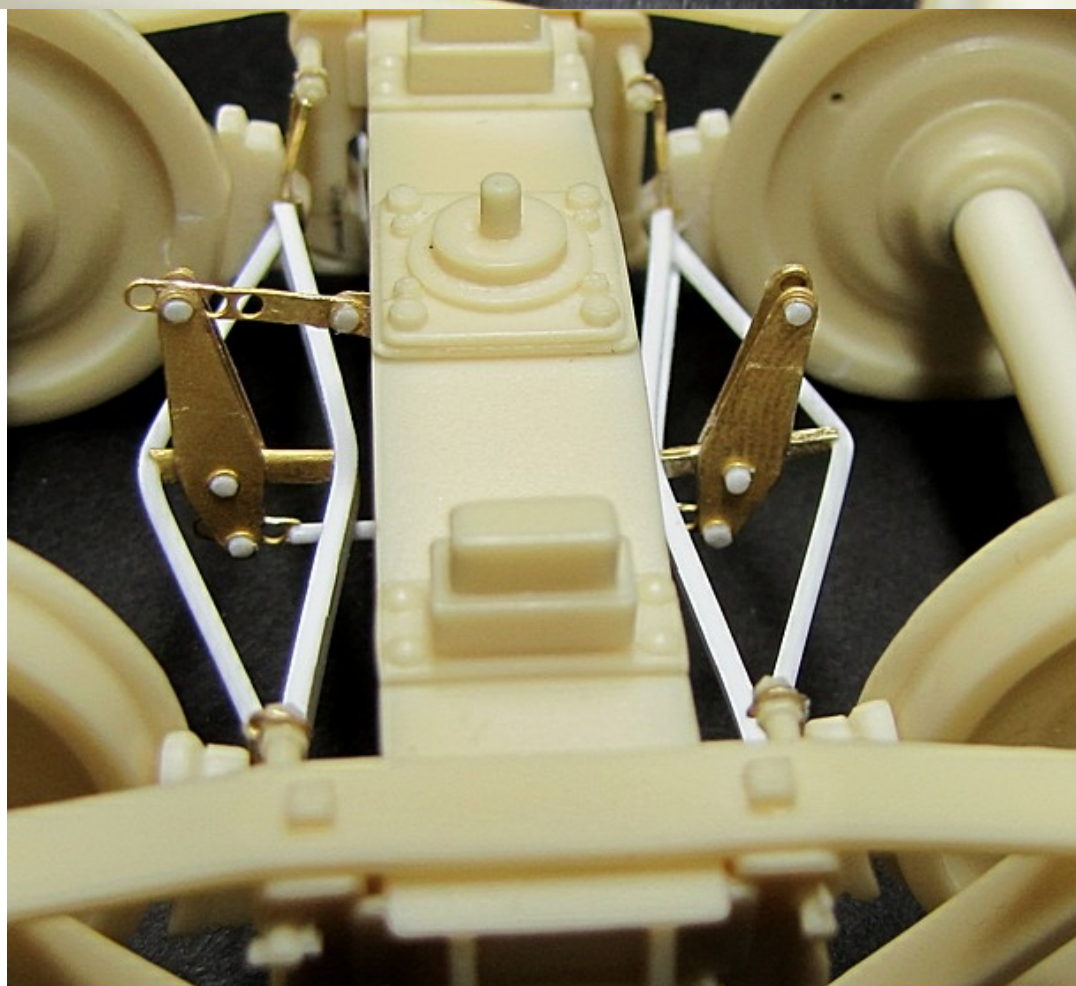
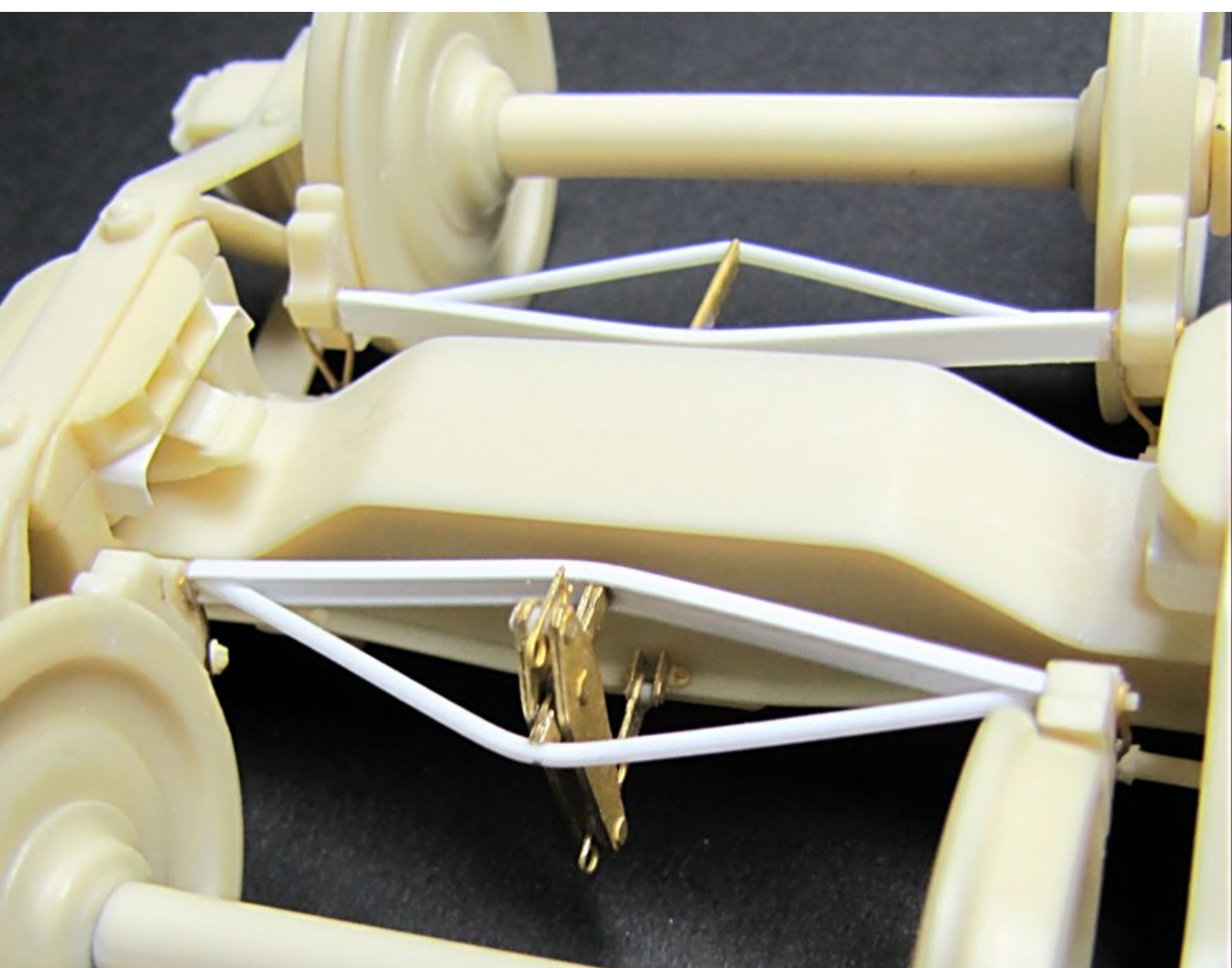
2mm channel long 40mm, 1,2mm diameter rod long 41mm
bend like in picture

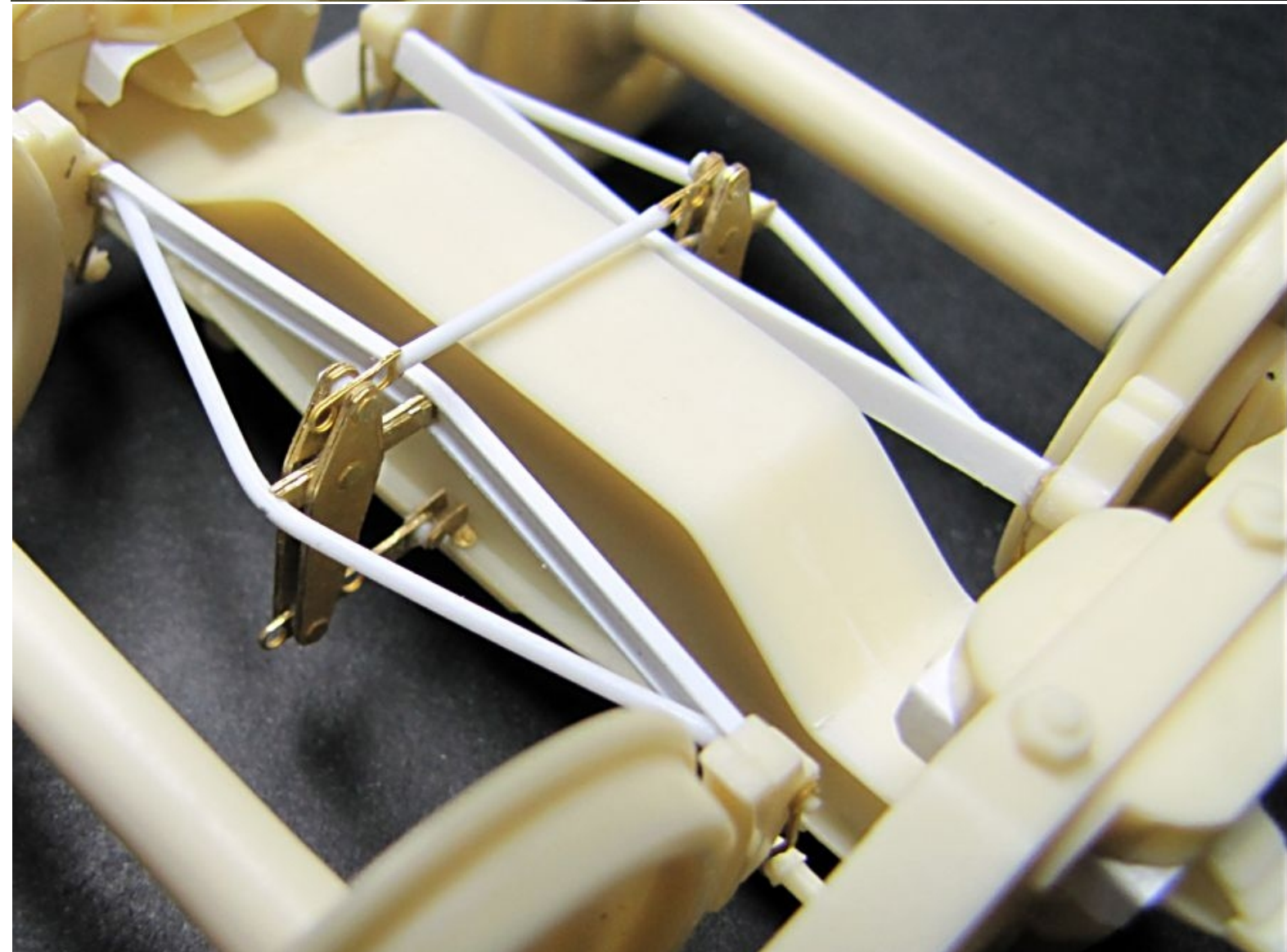
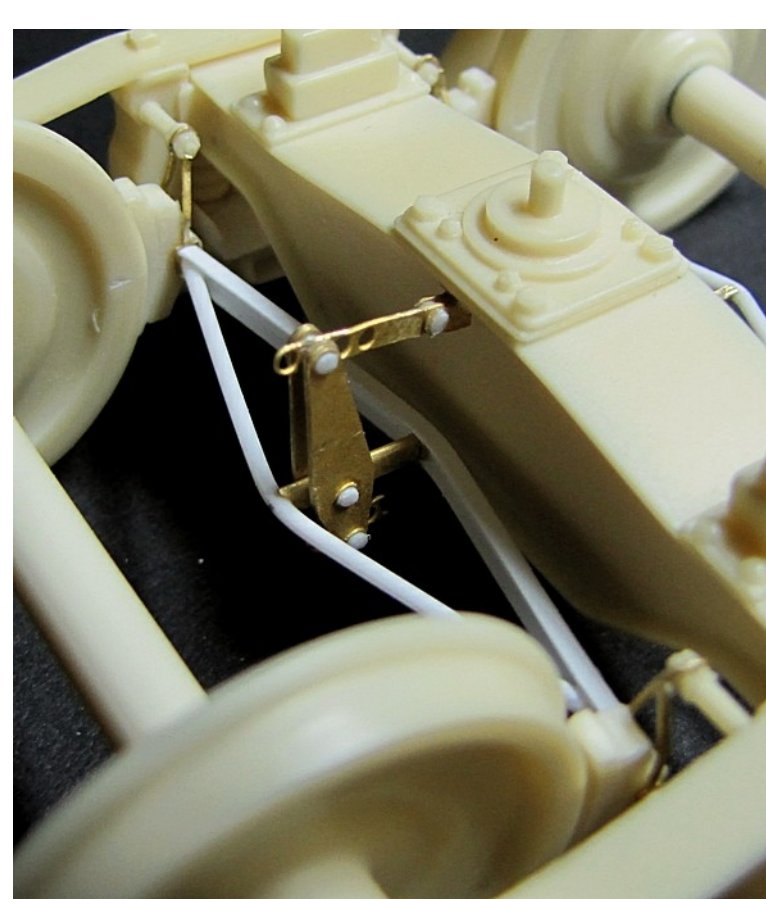


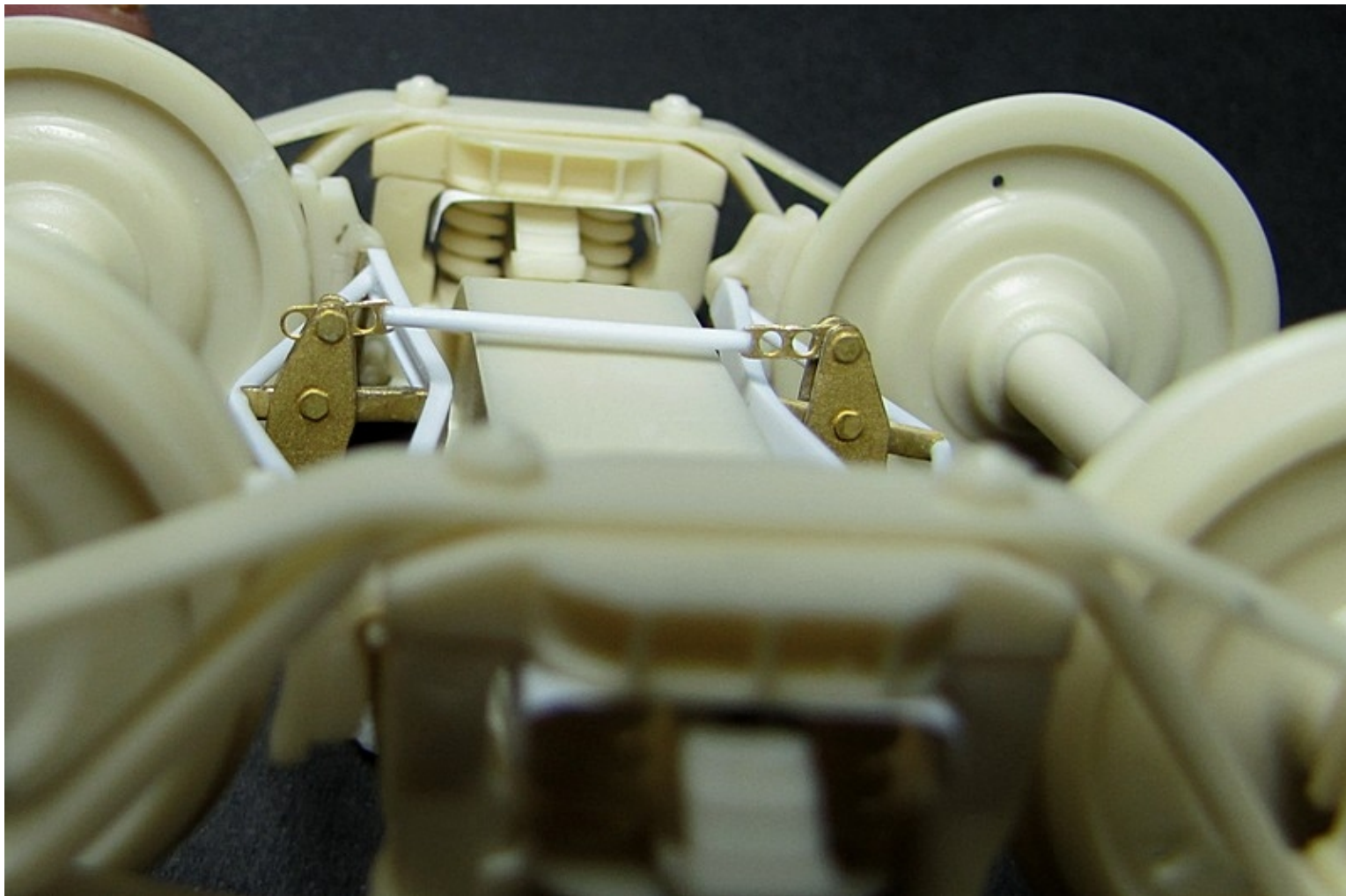
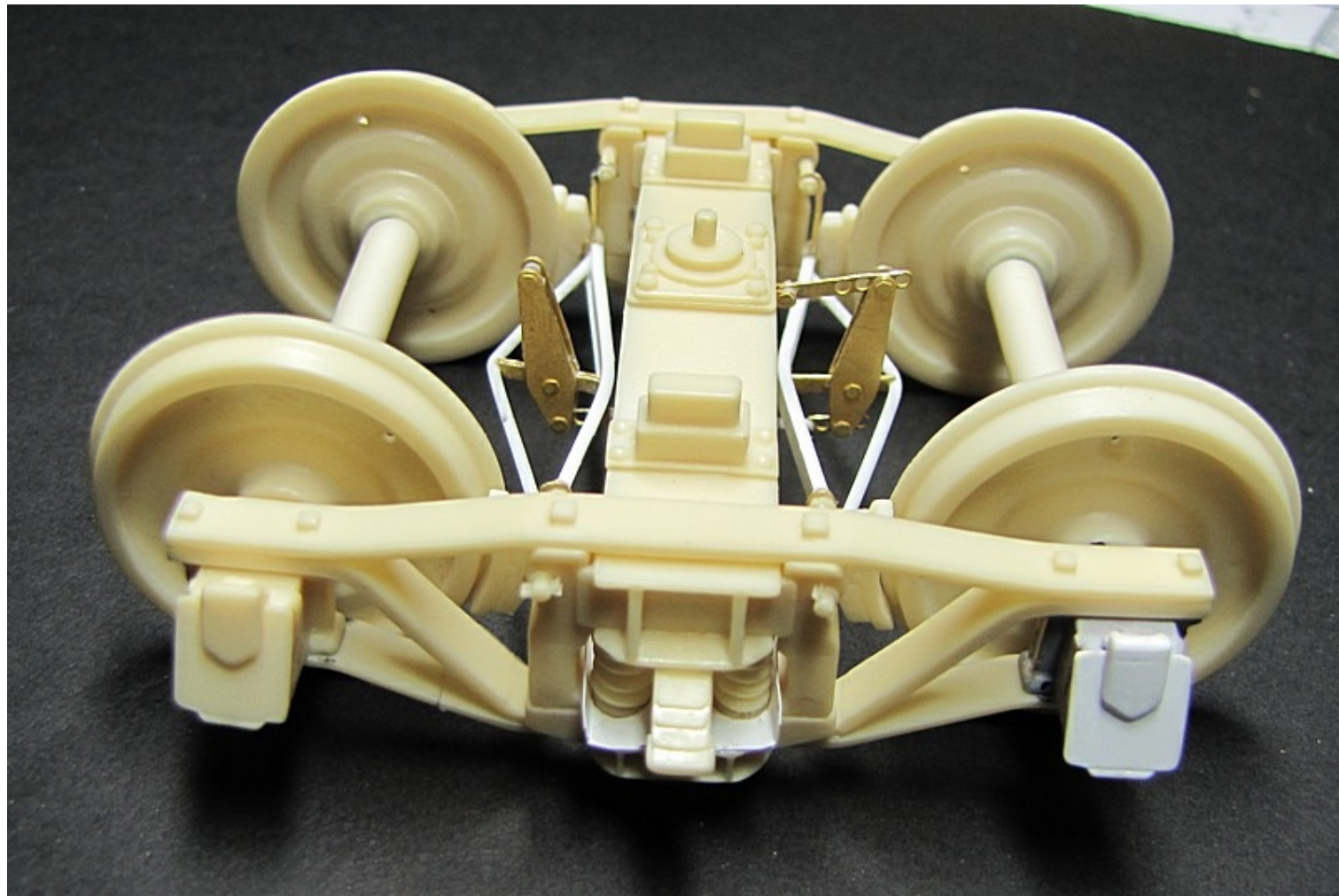


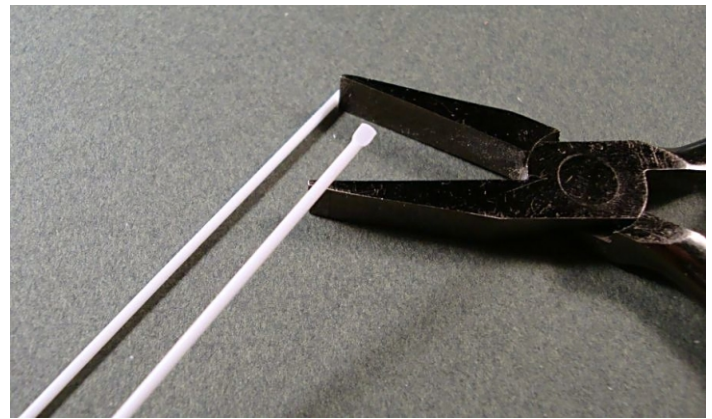
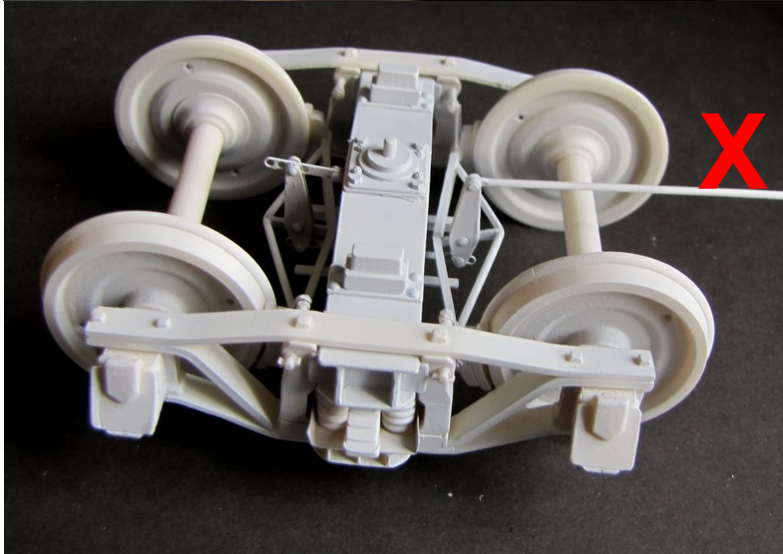
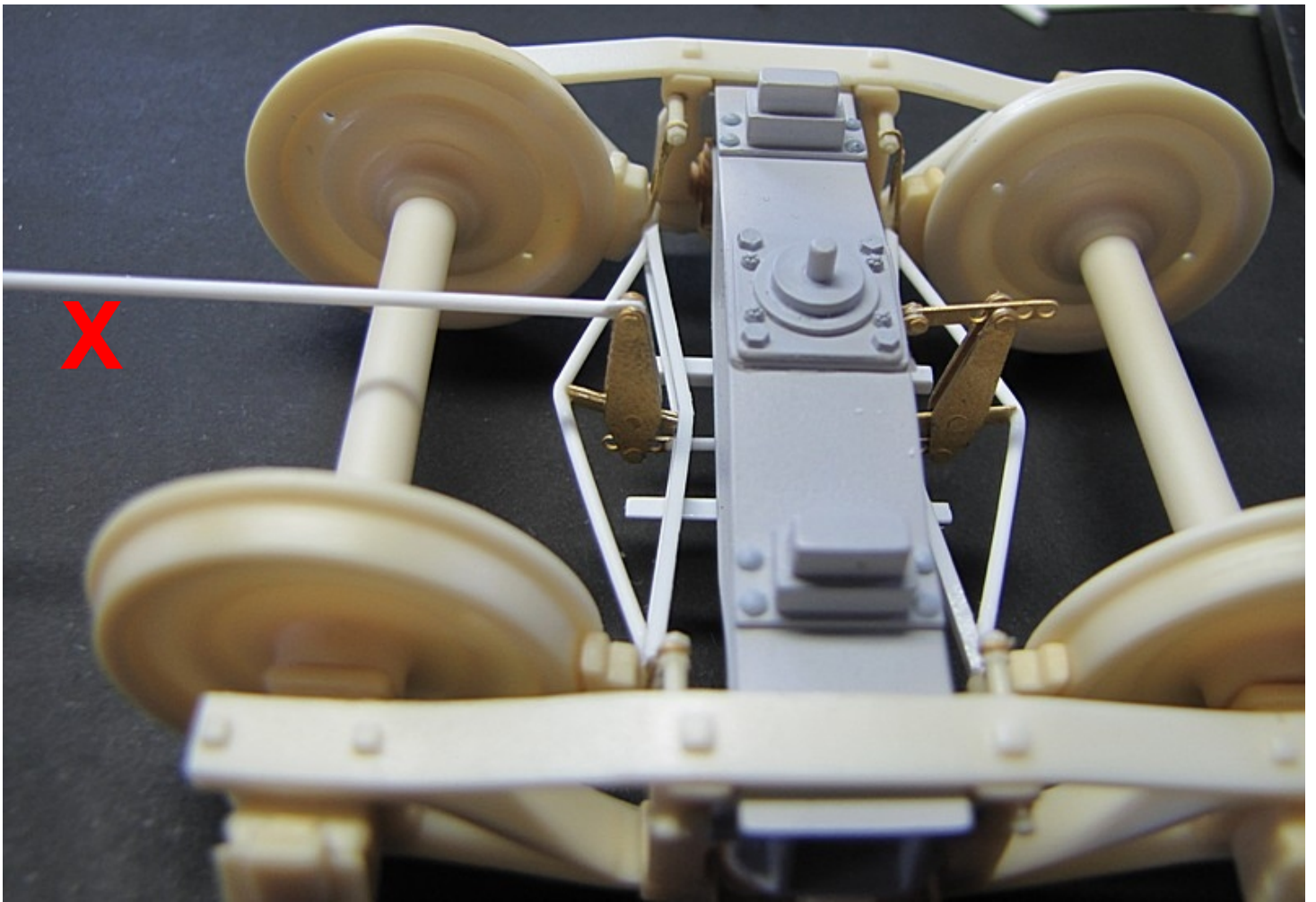
**1mm diameter rod used to make pins for brake construction
brake arms "C+D" - bend halves and glue or solder together**



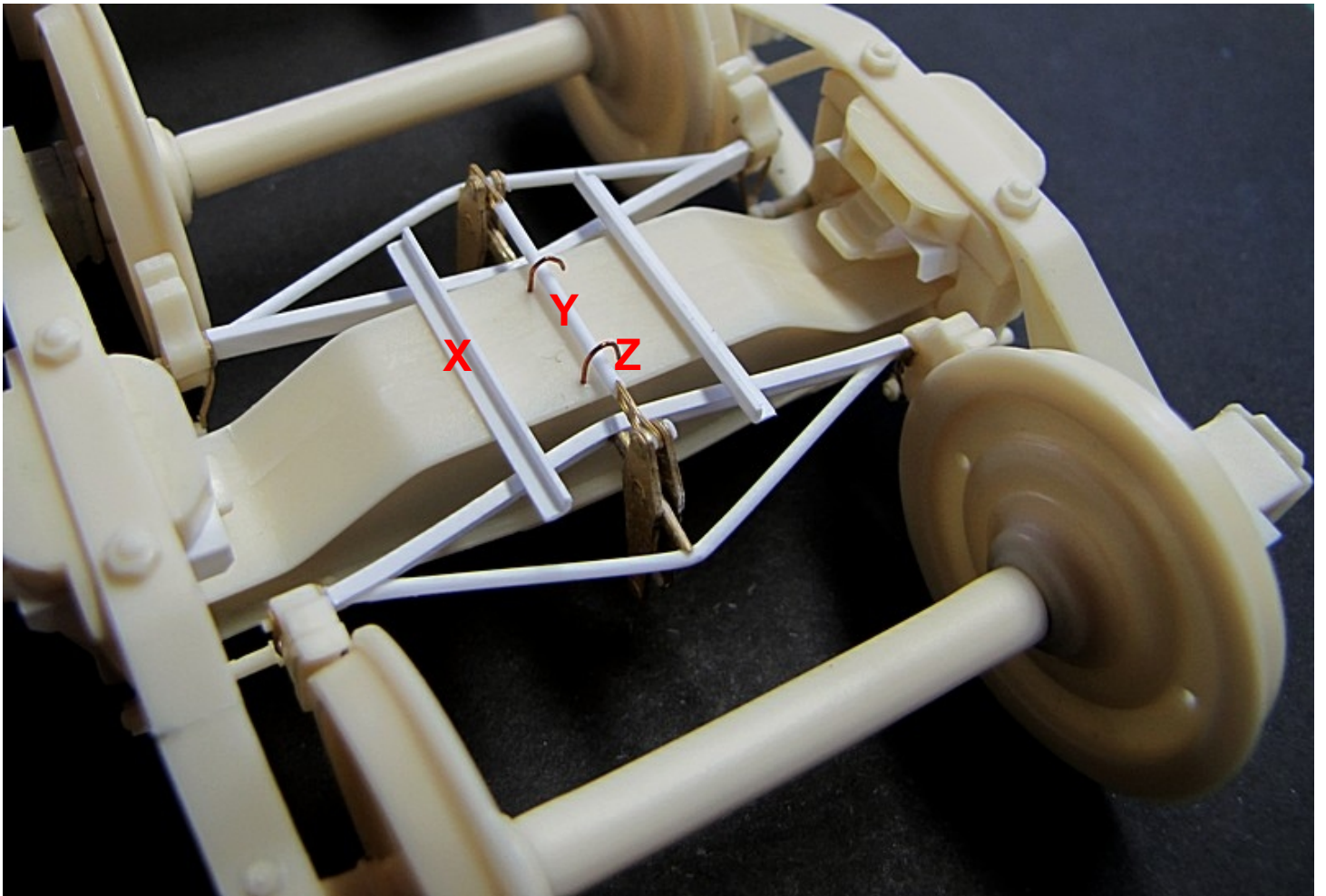




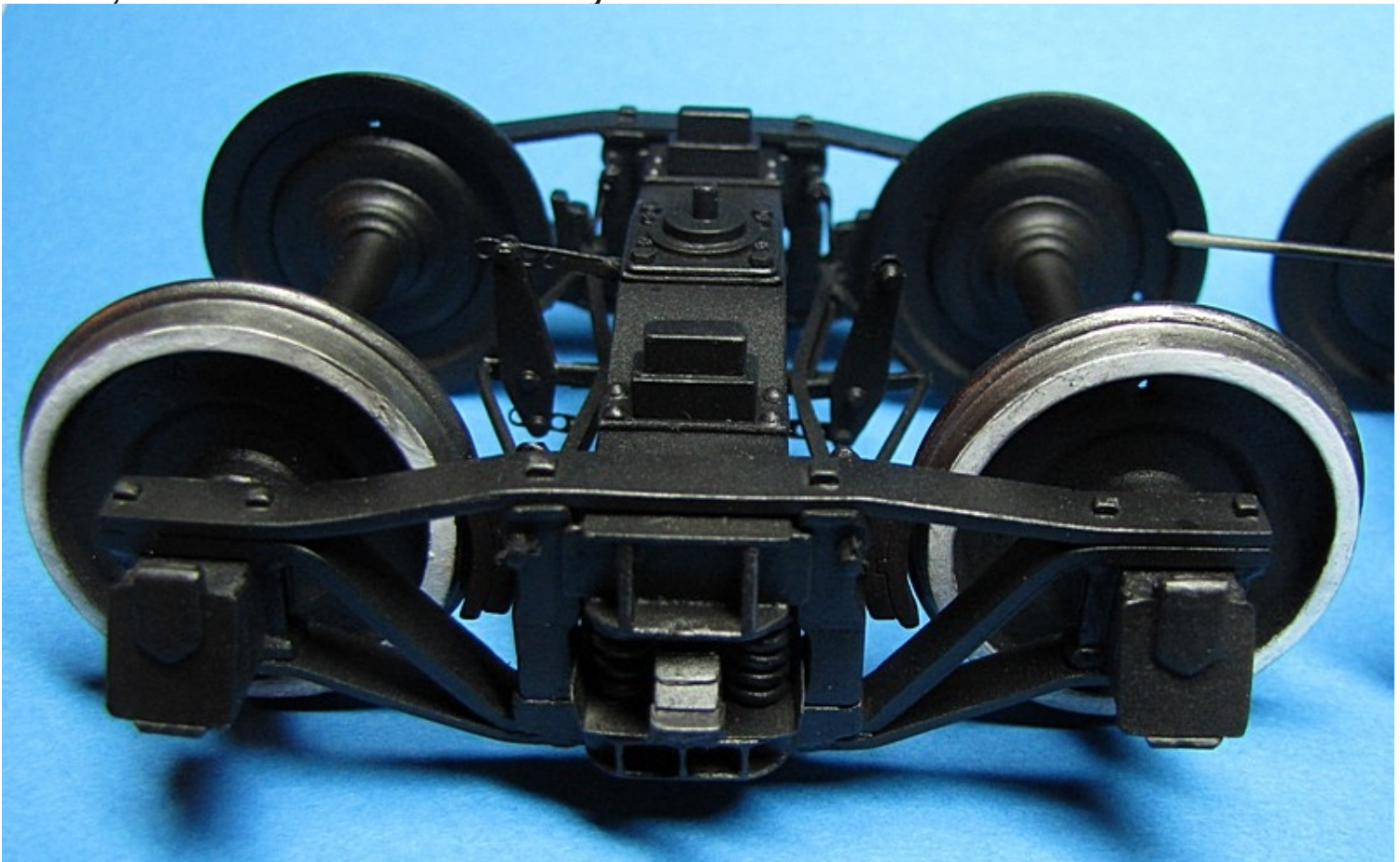


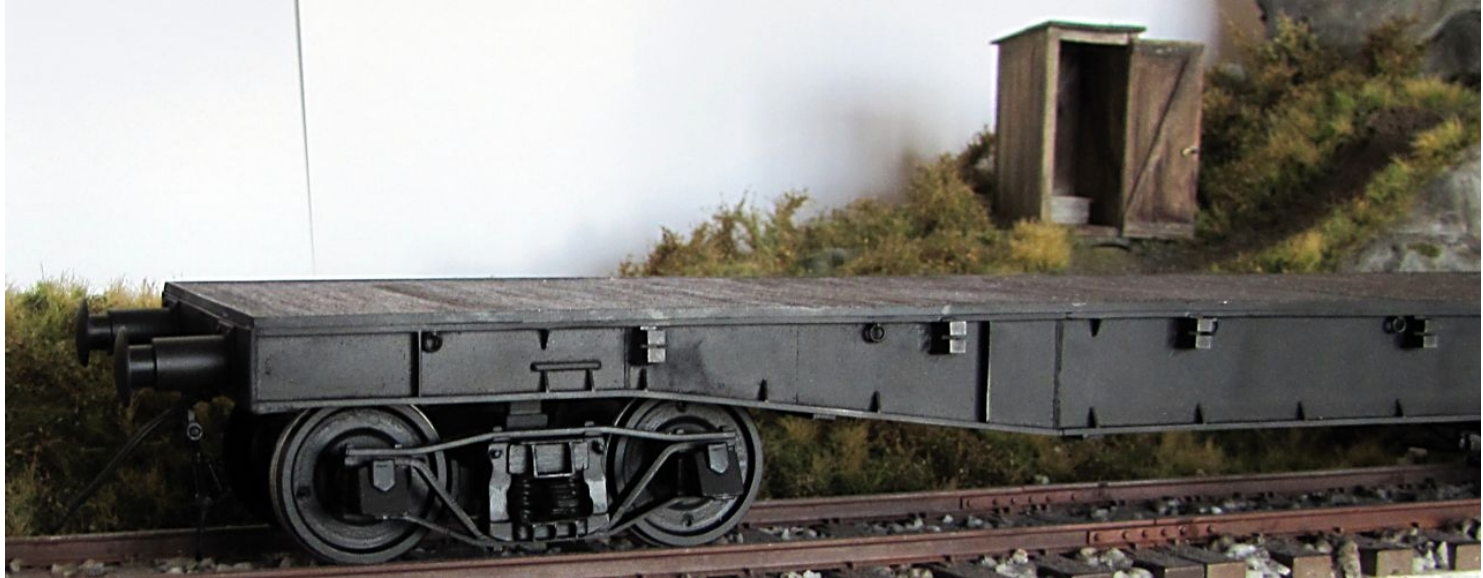
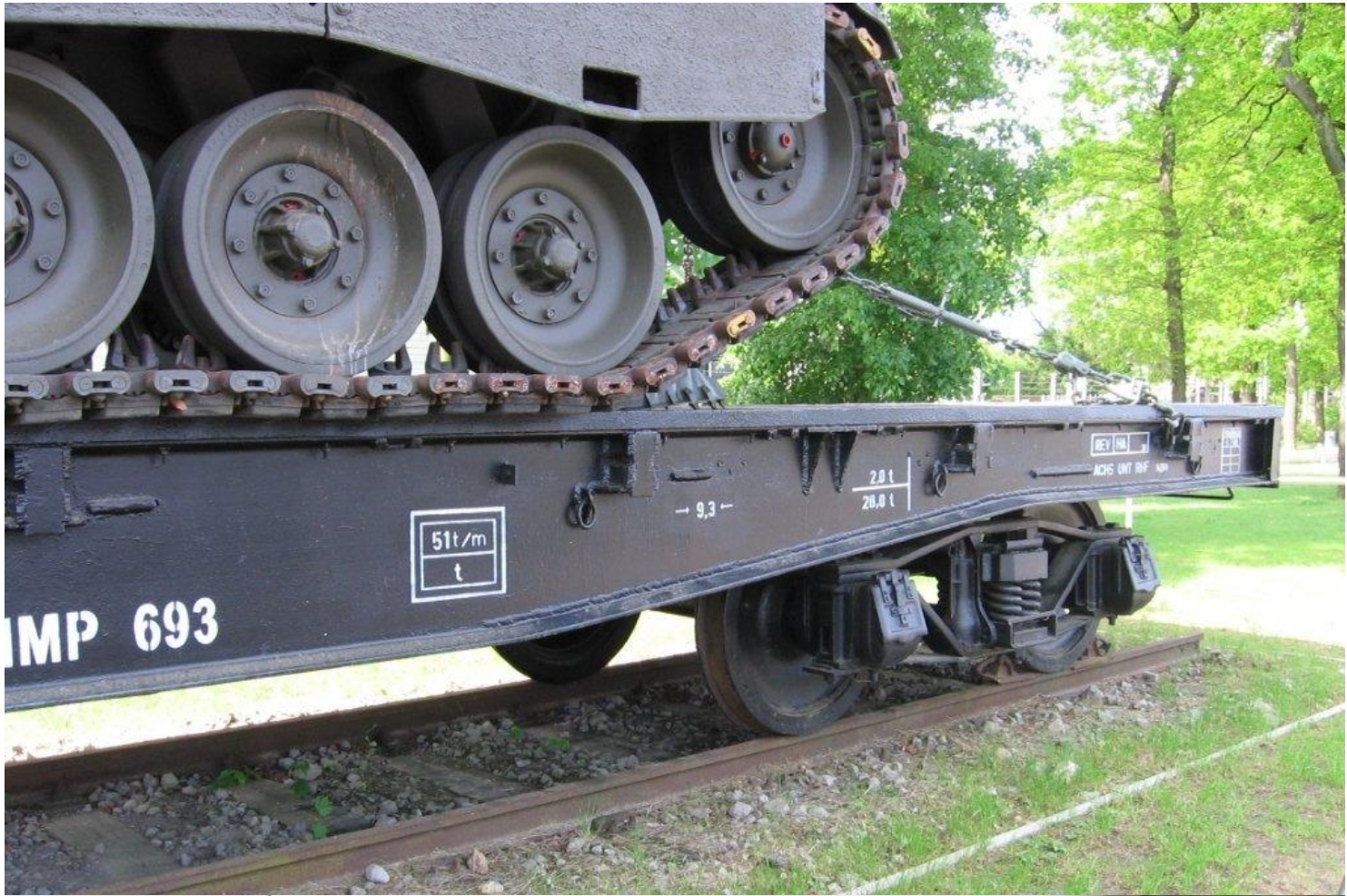
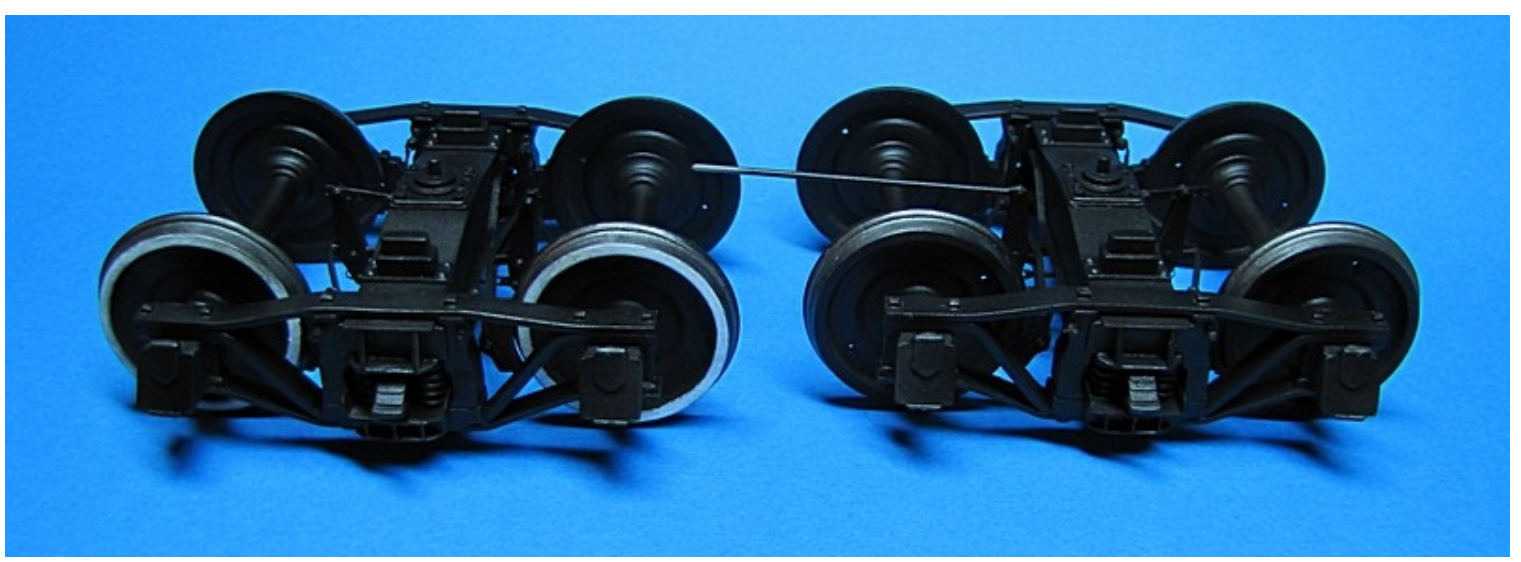


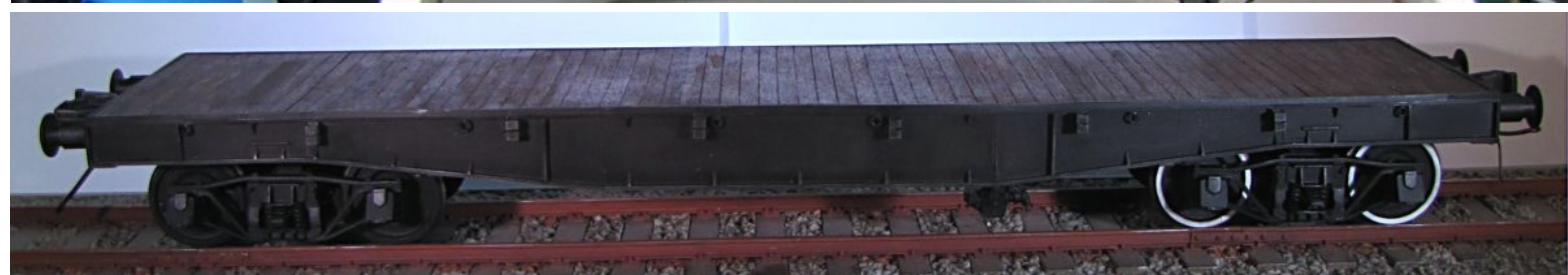
X - 1mm diameter rod to be connected to brake cylinder arms - at ends pinched in some toothless pliers --this is very easy and results looking very much like how real steel rod is hammered flat for attachment points

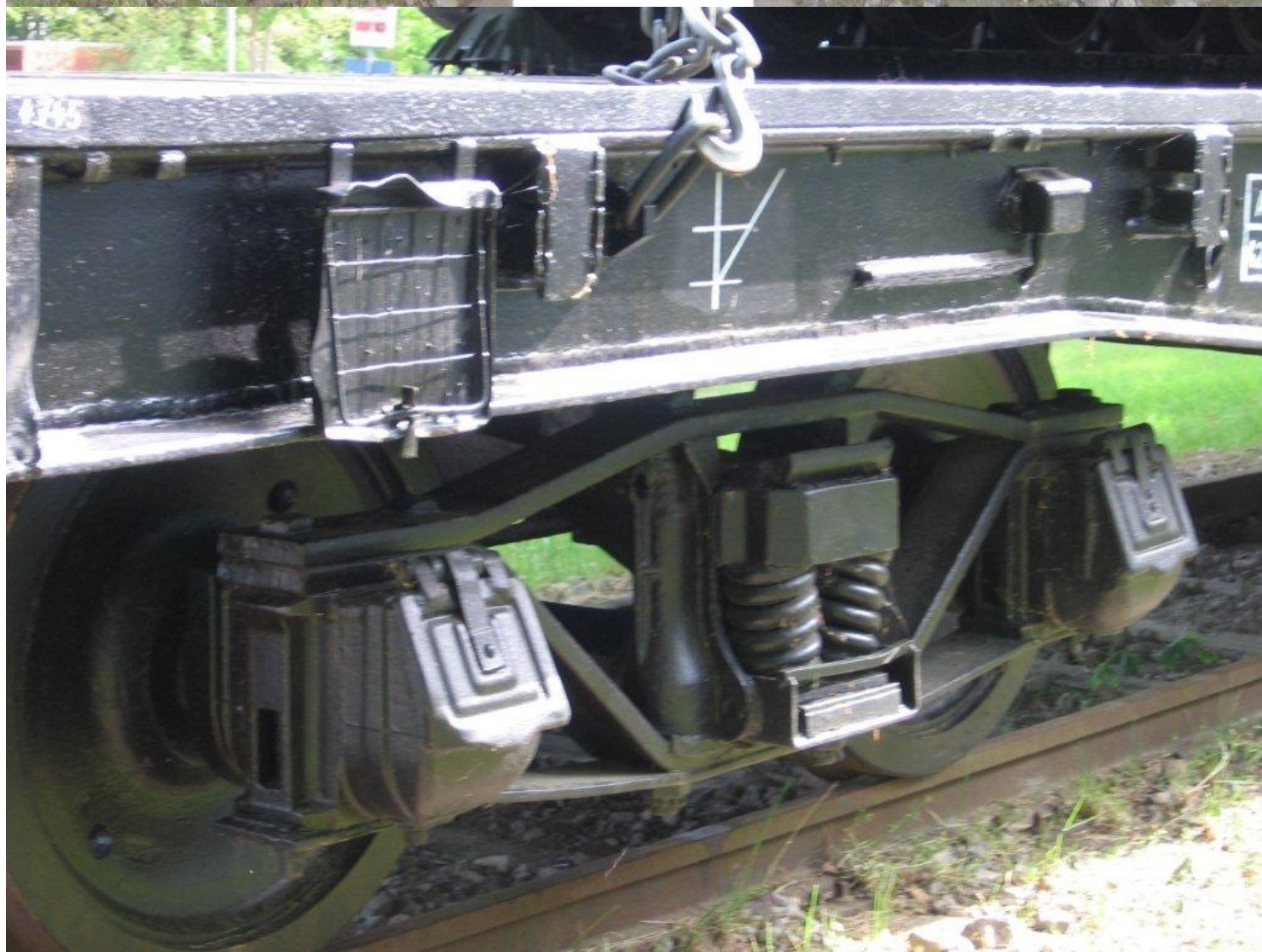


- X** - 1,5mm angle strips 22mm long
- Y** - 1mm diameter rod to connect PE "I"
- Z** - 0,3mm wire to bend safety holders









Decals

