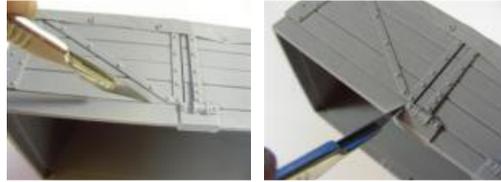


**Read these instructions before you start, as there are one or two things you may want to do in a different way to the way listed below!**

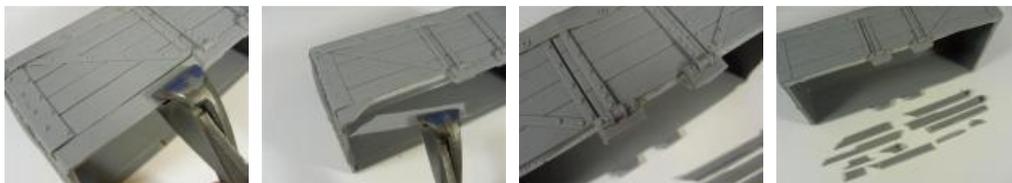
**1**

**With a scalpel, score the part line around the bottom of the wagon top.**



**2**

**Snap off the excess waste resin.**



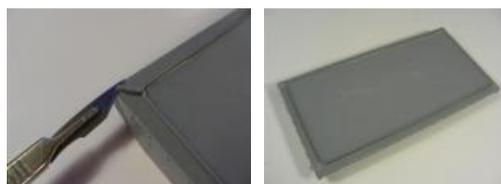
**3**

**Clean up the surfaces with a nice sharp file and clean out the corners with a scalpel.**



**4**

**Trim off the waste resin on the corners of the chassis with a scalpel.**



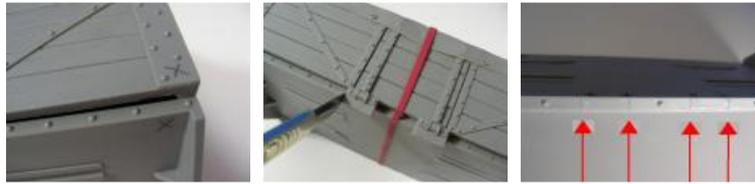
**5**

**Place the chassis up against the wagon top in the position it will eventually be. Make a note of what rivets are in the way. Trim those rivets off with a scalpel.**



**6**

Reposition the chassis onto the body and place a mark in one corner. Hold the two parts together with an elastic band. With a scalpel, make a scribe line where the hinges touch the side of the chassis, making sure the chassis is exactly in position so your marks are accurate!



7

Place the chassis in a vice and with a 32tooth hacksaw blade, cut on the inside of the score lines right down to the rebate.



8

You now need to remove the waste resin. You can use a variety of tools, coping saw, knife, Dremel, square file etc. Whatever you use, make sure you do a neat job.



9

Offer up the chassis to the body with the corner marks lined up and test fit the hinges into the chassis. You may well need to trim a little to get a nice fit.



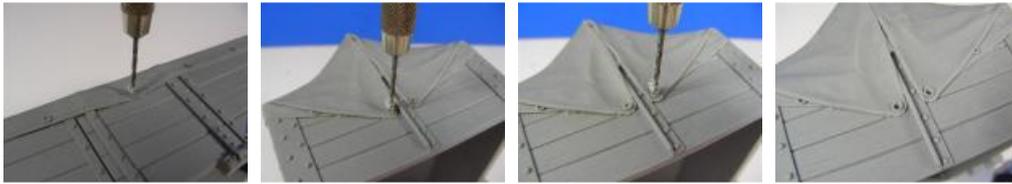
10

With a 32tooth hacksaw blade, cut off the excess resin from the bottom of the hinges and file flush to the underside of the chassis.



**11**

**Drill the middle and two end eyelets with a 1.5mm drill**



**12**

**Directly under the eyelets, on the wooden plank, just touching the canvas, drill a 0.8mm hole. Repeat for all 6 eyelet holes.**



**13**

**It is very hard to cast cloth and sometimes a clean line can not always be cast. Have a look along the canvas edge and trim off any excess resin you feel needs to go. If you feel brave and you have the hand of a surgeon, you may like to have a go at cleaning out the excess resin from the canvas folds !**



**14**

**With a stiff pair of short, half round pliers, make 4 'U's from the brass 'O' rings.**



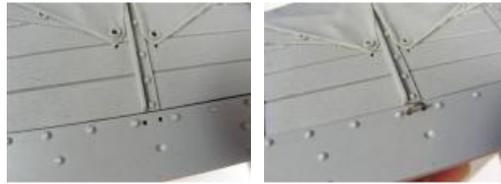
**15**

**With a 1mm drill, drill two holes about 3mm from the underside edge of the chassis in the middle. Add glue to the tips of the 'U' and push the 'U' into the holes, leaving about 3mm sticking out.**



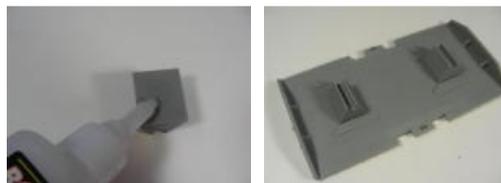
16

Repeat for the ends.



17

Glue the axle holders into place.



17.a.

Pull off one wheel and cut off the excess plastic protruding from the inside of the wheel with a sharp knife. Clean the ends of the brass axle tubes until smooth with a small file, craft knife and fine wet and dry paper, then wash the tubes clean, especially the insides. Put a spot of light oil onto the axle. Push the wheel back onto the axle making sure the 'back to back' is correct for your gauge, 28mm for 32mm gauge and 40mm for 45mm gauge.



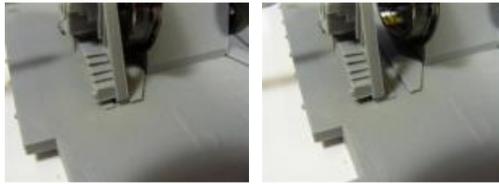
18

Cut off excess axle from the wheel sets with a hacksaw flush to the wheel boss. Put a drop of glue into the axle slots, place wheel sets into the slots and add a further drop of glue on top of the brass axle tube. **ONLY CARRY OUT THIS STEP IF YOU DON'T MIND PAINTING THE WAGON WITH ITS WHEELS GLUED IN PLACE.** Otherwise, just leave the wheel sets off the model until it's painted. Only use a DROP of glue!!



19

Glue the 'W' irons into place making a note that there is a position for 32mm and 45mm.



**20**

**Drill a 1.6mm hole into the buffers. Bend the brass wire into hooks. Glue the hooks into the buffers.**



**21**

**Glue the buffers into place.**



**22**

**At this point, you should have the top and bottom parts all finished and ready to paint. It is up to you how you go forward. I would personally paint each half, thread the ropes through the holes and then glue the two halves together. Give it some thought, as there is no hard and fast way of finishing the model from here.**

