

Please read these instructions in conjunction with the pictures on the more information page of the coach you have bought. There are some very clear pictures there showing close up detail.

### Step 1.

Trim off any excess resin left over from the moulding process with a scalpel or file.

### Step 2.

Super glue the side and end panels together.

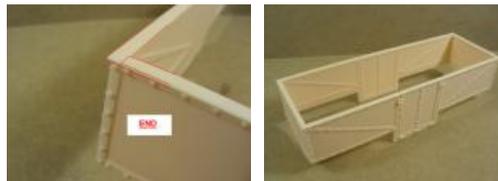


Fig 2.a

Fig 2.b

### Step 3.

Test fit the floor panel and remove any excess resin with a file if necessary. The bottom of the floor and the bottom of the wagon should be flush in the middle, ( see pic ). Glue floor into place making sure it is fully home and up against the internal ribs of the wagon sides and ends. It is a good idea to run an extra fillet of glue along the inside edge where the floor meets the end panels, to give a little extra support to the couplings ( see pic ).



Fig 3.a

### 3.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.**



### Step 4.

Cut off excess axle with a hacksaw, flush to the wheel boss. Glue axle sets into bogie bodies. When fully dry, flip the bogies over, and glue all the bogie side frame details into place.



### Step 5.

Drill a 2.5mm hole in the top of each bogie and screw the bogie mounting plates into position. Make sure the bogie with the round top is not tight. It must be loose enough to tilt in all directions, but not too loose. Make sure the bogie with the bar top is free to tilt forward and backwards, but not side to side. Also make sure that when the mounts are screwed into place, the counter sunk screws are sunk below the top of the mounting plate.

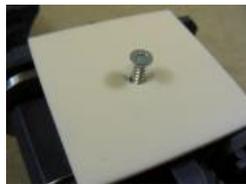


Fig 5.a



Fig 5.b



Fig 5.c

### Step 6.

You may want to paint the wagon and bogies at this point?

### Step 7.

Place a blob of super glue into each corner of the mounting plate and place the bogie with mounting plate inbetween the location bars on the underside of the wagon floor.

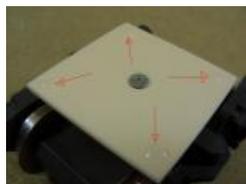


Fig 7.a



Fig 7.b



Fig 7.c

All that is needed to finish, is fitting couplings of your choice. If you want to keep with 16mm standard height couplings, you will need to chop off the two top middle rivets from the buffer beam.

If you have trouble with the building of this kit, please do not hesitate to contact me. Also if you are not happy with the quality of a casting, I will be happy to replace it free of charge on receipt of the supplied kit item. Please do not forget to keep an eye on my website, as my range is growing fast.

