

Coach Instructions.

Insert the bogie pivot pins through the bottom of the coach body ensuring the dimples fit into the recesses. Glue the .06 x.25 short strips each side of the pivot head, bridge the head with the longer strip and glue to secure the pivot pin in place. On the underside of the coach place the bogie spacers over the pivot pins and glue in place. Large spacer on first and then the smaller one on top.

Support the inverted coach body upside down on blocks and glue the buffer beams flush with the end of the coach ensuring the slot for the foot board is farthest away from the coach floor and the cut outs are facing inwards see photo 1.



Photo 1.

Glue the sole bars on to the bottom of the coach. Check the alignment of the slots for the foot boards make sure the sole bars are straight and parallel.

File a small radius on the corner of the foot boards, insert them into the slot on the sole bars and check for fit. Glue in place with the overhang equal at each end.

Insert the queen posts into the holes in the coach floor and glue. Where the truss rods meet the sole bars glue the triangular spacer to the sole bar and small strip on to the top of the triangle to secure.

Glue the dummy turnbuckle in place in the centre of the truss rod between the queen posts

See photo 2



Photo 2.

Glue the vents above the doors and toilet windows in the recesses. There is clearance on the sides and top. Note that the vents are a different size for the doors and toilet windows.

Glue the steps on the end of the coach. The steps plug into the holes with the large step at the top.

On the other end of the coach glue the half moon pieces on the pads provided and the small strip in the centre on its pad. Cut and glue a piece of rod to fit between the half moon parts and the block in the centre of the carriage end. The short rod that is provided is glued to the centre rib and the block.

See photo 3 & 4

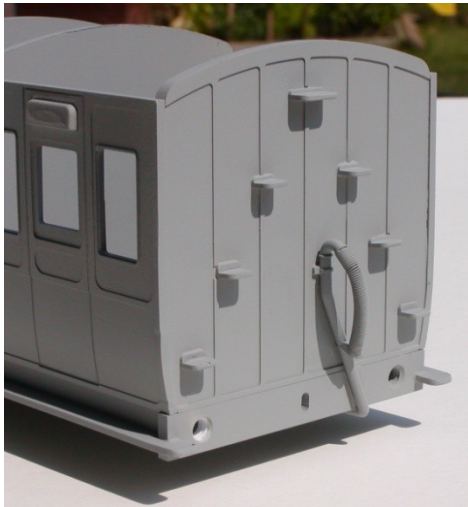


Photo 3.



Photo 4.

At this stage paint the coach body.

Glue the door handles and grab rails in place, glue the vacuum pipes to the ends of the coach using cyanoacrylate . Apply your transfers (decals). When set and dry, spray with clear varnish.

Fasten the battery boxes to the floor with wood screws.

Fix 3 links of chain to the hook and pass the hook shank through the buffer beam. Place the spring over the shank and secure with a split pin,

Screw the buffer body's to the buffer beam, insert the springs then slide the buffer through the buffer body and secure with the brass nut. Secure the nut with loctite.

On mat photo paper print the bulk head interiors, cut from the sheet and apply double sided tape to the back, then cut to size marked on one of the prints supplied. Apply the prints to the bulk heads, first checking the correct bulkhead and class of compartment from the drawing supplied.

Sand a small radius to one edge of the seats, paint to match the colour on the bulk head prints, glue in place. Glue a block in each of the lavs as well Note where the lav doors are on the bulk heads.

Position the roof on top of the carriage body ensuring that it is the correct way round, roof vents are central to the doors. Place a heavy weight on top of the roof and glue the long strips to the roof ensuring that they fit tight against the top of the coach body. See photo 4 & 5



Photo 4.



Photo 5.

Do not leave the roof on the body for very long as the glue will wick down and fix it to the body.

The paint on the top edge of the side will help to stop the glue adhering too quickly; this will allow removal of the roof.

Glue the rain strips on to the roof and glue the vents in the holes provided. Trim the strips flush to the ends of the roof and paint.

Remove the protective film from the windows and slide them into the compartments, trimming the bottom corners of the window strips will help the fit.

On the lav windows leave the protective film on and tape with non clear tape in the window positions to create a frosted glass effect.

Glue the roof in position with the weight on top and let set. I use silicone sealant.

With a fine saw cut away the corners of the plastic strip to the shape of the bogie bracket, see photo 7

Remove all burrs and flash off of the bogie side frames and the dummy side frames Then paint all of the bogie parts black.

Protect the small tapped holes from filling with paint.

Take a piece of wood and drill a 6mm hole through one end and grip it in a vice, place the washer with the dished side down into the hole. see photo 6

When the paint is dry, place the rivet through the bogie side with the head of the rivet fitting in the counter bore and into the hole in the bogie bracket.

Place the parts over the washer and hammer the rivet into the washer. see photo 7

The side frames should be free to move but not a sloppy fit.

Using the small screws fix the dummy bogie sides in place on the bogie frame and spring the wheels in position.

See photos 8 & 9

Place the bogies over the pivot pins and screw the nuts on leaving LOTS of clearance.

Secure the nuts with loctite 222 or any adhesive that will allow the nut to be removed if necessary.

Your coach is now ready to run.



Photo 6

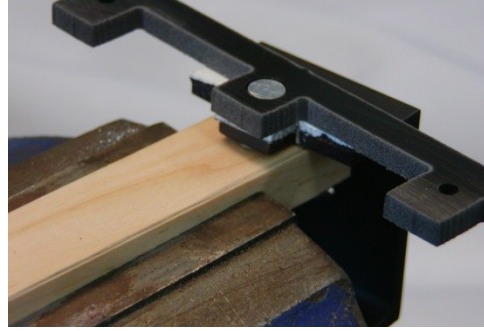


Photo 7

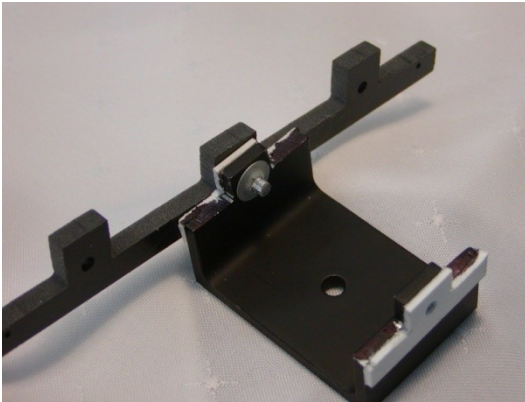


Photo 8



Photo 9