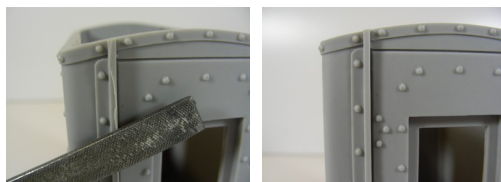


Please read all these steps BEFORE starting, as painting needs to be considered.  
You may feel that the window frames need painting before they are glued in against the glass?

1.

The casting mark on the vertical strip needs removing, and is best done with a small sharp file and fished off with 'wet & dry' paper (400 grit) used wet.



2.

Position the roof on top of the body with the lamp cut out on the non door end of the body and glue into place.



3.

Draw reference pencil lines ether side of the outer two rivets on the sole bar and super glue the bearing blocks into position using these lines as a guide.  
Repeat for all four.



4.

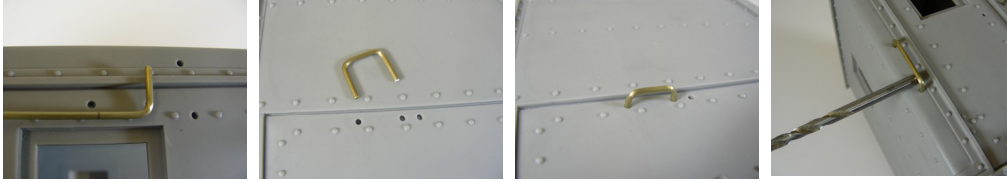
Using the top or bottom reference marks, drill a 1.6mm hole in the buffer.  
Make two hooks from the brass wire and glue the hooks into place.



5.

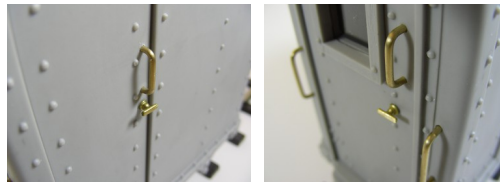
Drill all the handle and hand rail dots found on and around the doors with a 1.6mm drill. Bend up the brass wire to fit all the hand rail holes. A good tip is to make the first bend, then offer up the bent wire to the two holes you need to use. Cover one hole with the bend and put a pencil mark about half a

hole's width before the hole that still needs bending for. When the pliers are placed on this mark and the wire is bent, it should be very close to the correct spacing as long as your bending is tight. Super glue the four rails into place. Another tip for getting the rail level is to 'gauge' it with a drill bit.



6.

Fit the 'T' handles into position with super glue.



7.

Cut off 10mm of the flat brass strip and file all the ends to a nice finish. Solder the 10mm strip 3mm in from the end of the remaining piece. Clean up as necessary.



8.

This next step is easier with a dremel. Drill two 1mm holes at the ends of the cut out found in the wooden beam, running above the end window. Then with a sideways movement of the drill, connect up the two holes to form a slot.



9.

Insert the lamp bracket into the hole and super glue into place so that the lamp bracket is 3mm off the wooden beam. Bend up the excess inside the body and super glue that as well.



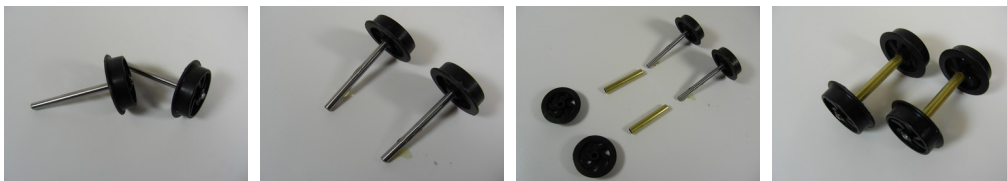
10.

The tubes are cut to the correct length, but they will need cleaning up with a file, scalpel and 'wet & dry' paper. File the moulding pips off the wheel flanges.



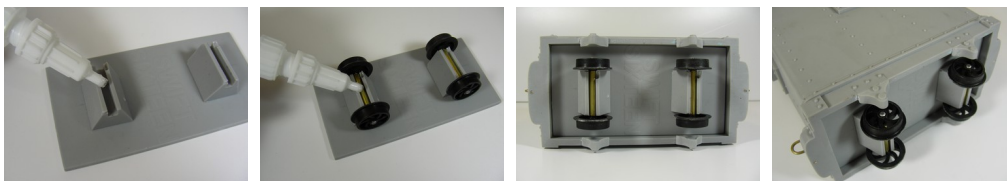
11.

Push one wheel on its axle, put a spot of oil on the axle, slide the brass tube on and fit the other wheel. Set to the correct back to back.



12.

Put a SMALL drop of super glue or epoxy into the bottom of the axle holder channel. Put the wheel sets into place and add another SMALL drop of glue on top of the axle tube. Make sure the ends of the corner fillets are flat, then put a drop of super glue on top of each corner fillet. Slide the chassis past the bearings so that the chassis is fully seated on top of the fillets.



13.

Cut three pieces of glass so that they are a nice easy fit into each window hole. Place the window frame onto a piece of sand paper and make sure that the back is flat. Place the glass into the window hole and dry fit the window frame into place. If you feel that there is too much window frame sticking out, simply sand the back of the window frame on the sand paper and dry fit again. Keep doing this until you get the look you want. Once happy, put a spot of glue on the sides of the window frame and drop in for the last time.

