

PARCEL VAN INSTRUCTIONS

5 May 2014

On a flat surface place the van floor with the bulk head slots facing up. Using a square block, square up 1 van end to the floor ensuring the floor is flat to the working surface and the edge of the van end and edge of the floor are flush. Glue into position. Repeat for the other van end and bulk heads.

Photo1.



Place a van side 'windows to the top' against the side of the ends and bulk heads. Square the end of the side to the van end and glue. Square up the side with the other van end and glue. Glue the side to the bulk heads and repeat for the other side. Glue the sides to the floor. Glue the doors into the slots on the sides with the chamfer to the top. Place a sheet of abrasive paper on a flat surface and sand the bottom of the van body flat. Support the van body upside down and glue the buffer beams flush with the ends and the sides. Insert the 1/8 dowels into the holes in the van floors flush with the inside of the floors and glue. Line up the sole bar with the clearance slots for the buffer shanks on the inside against the pegs and buffer beams, glue in place. See photo 4
Glue the buffer stocks into the holes in the buffer beams make sure the buffers are square. The footstep should be up. Glue the coupling plates into the buffer beams, glue both sides.

PARCEL VAN INSTRUCTIONS

Place the corner plates on the corners of the body after filing a small chamfer on the body. The angle that is cut on the plates goes to the side of the van. See Photo
With the top flush with the top of the body mark where the buffer flange hits the angle plate. Remove the area marked on the angle plates. Then glue in place.

Glue the vents into the pockets on the van sides and the 2 chalk boards into their slots. The angle irons that fit onto the sides are right and left handed. The slots in the van sides are colour coded red and green. There is an angle cut at the top and on the side of the angle irons. Glue the angle irons marked red into the red slots with angle cut at the top and on the left side at the bottom. Glue the angle irons marked green into the slots marked green.

Photo 2.



Glue the short angle irons to the sole bars and the vertical angle irons. The 4 smaller dimensioned angle irons fit diagonally on the end panels of the sides. The thin strips fit at the sides of the doors. When gluing the hinges in the slots on the doors. File off the thin strip area where the hinges fit, so the hinges fit to the ends of the slots. See photo 2

PARCEL VAN INSTRUCTIONS

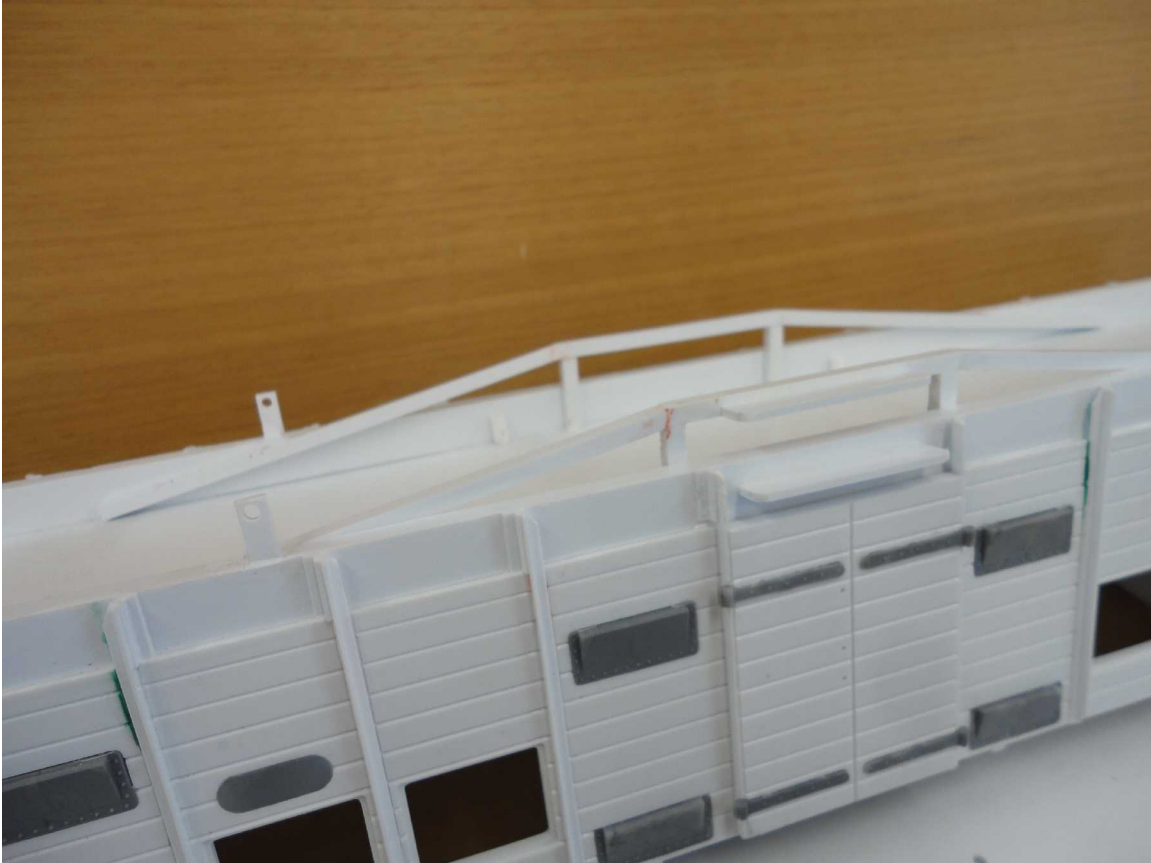
Photo 3.



Glue the 'T' irons into the slot cut into the ends and trim flush top and bottom. Take a larger gangway end and glue the small gangway end to it with the same relief all round the sides and top. Repeat for the other 3 gangway ends. Glue one of the assemblies with the spacer in between another assembly. Repeat for the other gangway end and then glue each set into the ends of the van in the cut out provided. See photo 3

PARCEL VAN INSTRUCTIONS

Photo 4



Take two of the queen posts for the trusses and glue the short truss rod on top of and square to the queen posts. Glue the assembly to the bottom of the van floor and against the inside of the sole bar central about the van body. Repeat for the other side. File a small angle to one end of the long truss bar to match the angle of this truss bar fitting against the queen post assembly and the van floor. Repeat for the other truss bars and glue in place. Glue the foot boards to the sole bars and truss under the doors. See photo 4
Screw the battery boxes to the under side of the van.

Fit the roof to the van body and tape into position. Take the paper template and glue it to a piece of thin card. Cut out the profile of the paper template, bend card at the roof line and up with the door. Pencil line the position of the rain strip onto the roof. Repeat for the other doors. Glue the rain strip to the marked lines on the roof. Glue in the ventilators. See photo

PARCEL VAN INSTRUCTIONS

Glue the door handles to the doors, grab handle in the bottom holes and the lever in the top hole.

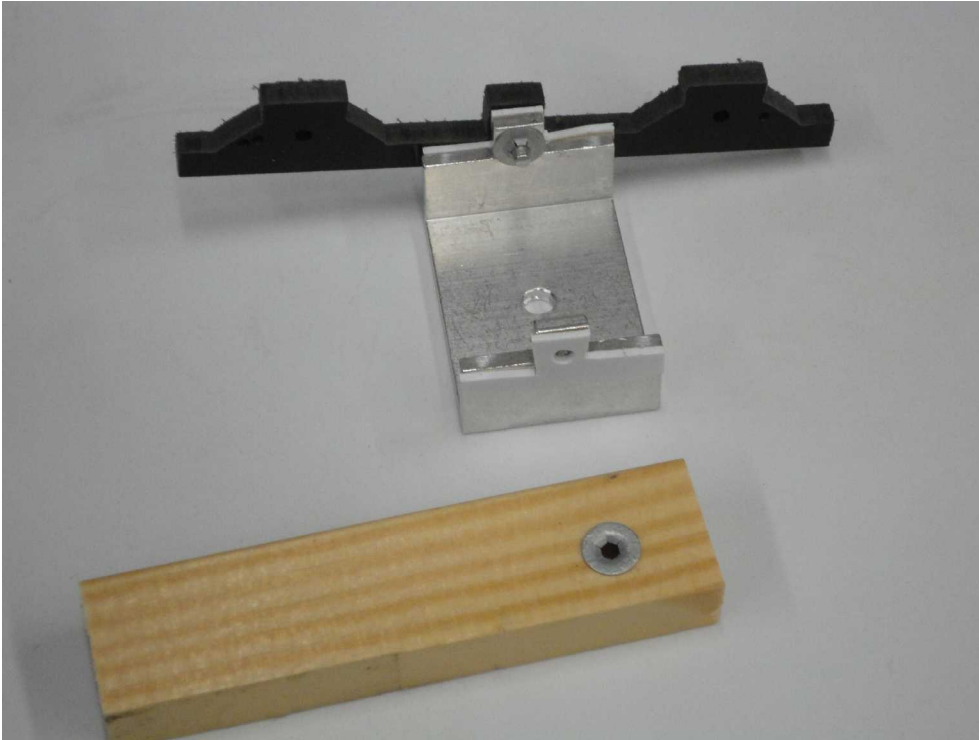
Place the bogey pivot bolts through the floor and line up the dimples to the indents in the floor. Glue the short spacers either side of the head of the bolt and glue the longer strip over top of the bolt onto the first 2 spacers. On the underside place the spacer over the bogey bolt and glue to the floor. Glue the hand wheel bracket 6 inches from the left hand side of the van and the other bracket opposite

Photo 5



PAGE 6.
PARCEL VAN INSTRUCTIONS

Photo 6



Now it is time to paint the van body and roof. First wash the van body with vim or a powder detergent to remove any oily film, rinse in clean water and dry.

Take the bogy bracket and with care trim the plastic strips on the side to the shape of the bracket. Remove all the burrs and flash off of the dummy bogy side frames. Then paint all the bogy parts black.

Take a piece of wood and drill a 6mm hole through one end and grip it in a vice.

Place a retaining washer with the dished side down in the hole.

Place the rivet through the bogy side with the head of the rivet fitting into the counter bore and into the hole in the bogy bracket.

Place the parts over the washer and hammer the rivet into the washer.

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

Using the small screw fix the dummy bogy side to the bogy frame. Spring the wheels in position

PAGE 7.
PARCEL VAN INSTRUCTIONS

When the paint is dry fit the buffers with the springs and nuts supplied. Dab a spot of superglue on the end of the nut and buffer shaft so the nut will not loosen. Slide the shank of the coupling through the slot in the buffer beam and snap the spring on to the retainer part of the shank. Glue the cloth strip around the outside of the gangway ends, into the recess created by the smaller spacers and trim to length.

Place the bogie assemblies over the bolt and fit the nut on the thread. (DO NOT TIGHTEN THE NUT UP) There must be clearance between the nut and the bolster bracket. Dab some super glue onto the nut and bolt to stop the nut coming lose.

Glue the roof in place. Put a weight on top of the roof until the glue is set or glue blocks to the bulk heads and hold the roof down with screws using the blocks as anchors.



Contents of Kit

Pack 1

1 Floor - 2 Sides - 2 Sole bars – 1 Roof
3 Window Material Strips

Bag 1

2 Ends – 4 Bulk Heads – 4 Corner Strapping
4 'T' Irons – 8 1/8 Pegs

Bag 2

2 Buffer Beams – 4 Buffer Stocks – 4 Buffer Heads
4 Buffer Springs – 4 2m Nuts – 2 Screw Couplings
2 Springs – 2 Coupling Plates

Bag 3

8 Angle Irons (red) – 4 Smaller Angle Irons

Bag 4

8 Angle Irons (green) – 28 Small Support Angles
12 Door Strips

Bag 5

6 Doors – 24 Door Hinges – 6 Grab Handles
6 Door Handles – 2 Brake Wheels

Bag 6

20 Side Vents – 4 Chalk Boards

Bag 7

8 Foot Boards – 2 Brake Wheel Brackets
4 Queen Posts – 2 Short Truss Bars
4 Long Truss Bars – 2 Battery Boxes
2 Brake Wheel Brackets

Bag 8

8 1-72 Flat Head Screws - 1 Hex Key - 4 1/8 Rivets - 4 Keeper Washers
4 Bogy Detail Sides – 4 Bogy Sides – 2 10-32 Flat Head Bolts
4 Short Styrene Strips – 4 Long Styrene Strips – 2 Spacer Plates

Bag 9

6 Roof Vents – 6 Drain Strips – 1 Rain Strip Template

Bag 10

4 Large Corridor Ends – 4 Small Corridors Ends – 2 Spacers – 1 Cloth Strip