

Painting and Transfers

All PNAs are Railtrack Green, and the parts have been moulded in an approximation of this colour. The interior will look better painted in dirty brown or buff.

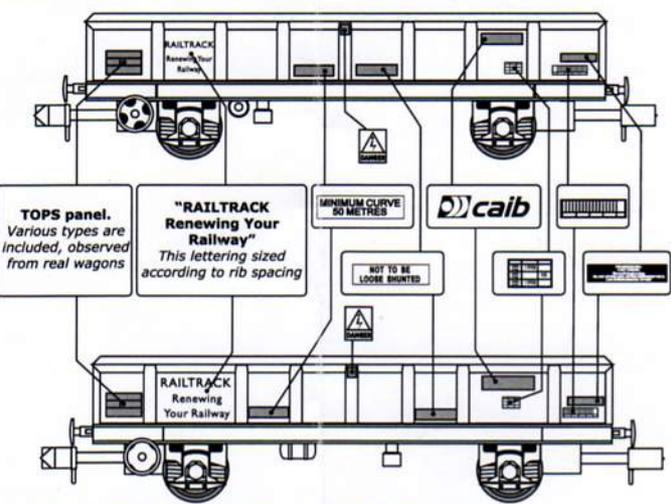
The solebar and underframes should be black, so the chassis extension parts and brake cylinder/air tanks will need painting. You may also wish to paint the coupler. Brakewheels should be white, and axleboxes yellow.

Tips for Applying Transfers

Transfers adhere best to a gloss finish. Use varnish or Johnson's *Klear* floor shine. Apply decals one at a time. Dip into water, remove, wait a few seconds, then slide off backing paper onto model. Use water and a cocktail stick or small brush to aid repositioning. Once dry, varnish or protect with a coat of decal fixative.

NOTE: Positions of lettering are given only as a guide. It is recommended that modellers refer to photographs if possible - many can be found on the internet.

EVENLY RIBBED VEHICLES - Nos. CAIB 3795-3804, CAIB 3817-3828



UNEVENLY RIBBED VEHICLES - Nos. CAIB 3829-3949

CONGRATULATIONS!
Your model is complete

BA 2008



N Gauge Society Kit 33 Railtrack PNA twin-pack



Kit contains self-coloured parts, wheels and transfers to complete two wagons

To complete this kit you will need:
Plastic cement, contact adhesive & black paint

General Notes

The N Gauge society wants you to achieve the best results you can. These simple guidelines should help:

- * Read the instructions through fully before you begin
- * Clean off any flash/moulding pips
- * Use liquid cement for plastic parts

But above all....TAKE YOUR TIME!!

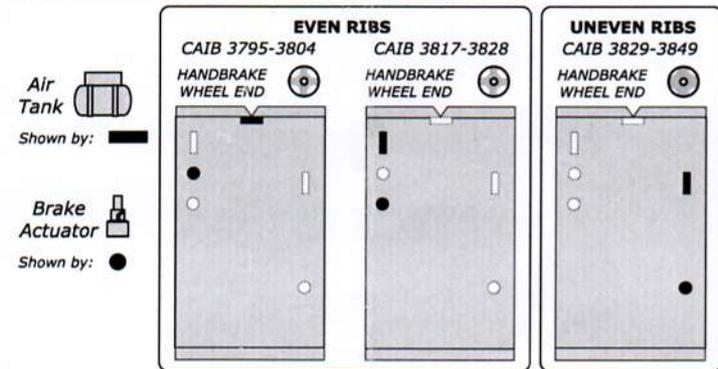
Cover photo courtesy Tom Smith

Assembly instructions

In the late 1990s Railtrack converted 250 tank wagons into open spoil carriers, coded PNA under TOPS, with the fishkind name "Piranha." 44 have Gloucester Pedestal suspension; these are the wagons depicted in this kit.

They were built in three batches, numbered CAIB 3795-3804, CAIB 3817-3828 and CAIB 3829-3849. The first two builds had seven evenly spaced bodyside ribs, the final build seven unevenly spaced ribs. The kit has enough parts for TWO wagons - one with even ribs (from first two batches) and one with uneven ribs (from the last batch.)

The air tank and brake actuator are in different positions for each build, so it is recommended that you pick an appropriate TOPS number for each wagon from the transfer sheet, then fit the brake gear castings to the cast underframe weight, and choose the etched brake wheel, according to the diagram below:



The supplied chassis will need to be modified. The kit chassis modifications are the same for both versions of the PNA you will build.

Remove "pipe detail" on the chassis underside (do not damage the coupler pockets or the axleboxes) and cut away the central section of the floor as shown, leaving just a lip at each end.

Remove the buffers, and the solebar at each corner, from just above the axlebox edges as shown.

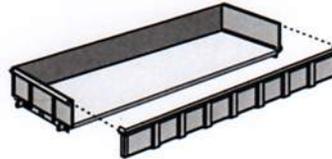
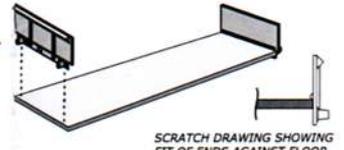
Fit the weight casting from above, using epoxy glue or similar, ensuring that the upper surface is flush with the top of the chassis.

The air tank and brake actuator castings should be fitted in the positions corresponding to the instructions on the previous page.



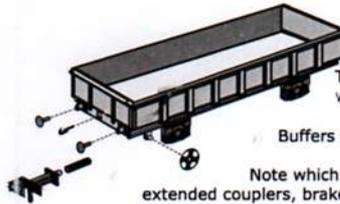
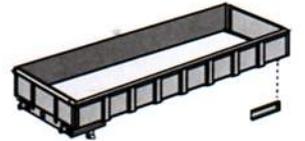
When assembling the body, it is recommended that a small square or block of wood is used to ensure all is square.

First, fit each end to the floor, aligning the floor to the lower edge of the guide rib as shown.



Next, the sides should be fitted. Note the alignment of the corners.

Add the small solebar extension parts at each end, inside the bufferbeam. Ensure those with brake wheel mounting brackets are at the correct end in relation to the cast brake gear on the underside. Note: Only nearside solebar extensions shown.



The body should now be a neat fit on the chassis, with the extensions forming a continuous solebar.

Buffers and etched coupling hooks should be added now.

Note which type of brakewheel goes with which wagon. The extended couplers, brakewheels and wheels are best fitted after painting.