

Pi PIL-004B Peckett Greenhithe Cut Down Cab



Prototype Info

The Peckett 'Greenhithe' was a special based on the firms W6 design built in the late 1920s. Hornby's W4 is a turn of the century design and our kit provides a cut down style cab and steel buffer beams to post-date the model and represent the Greenhithe example, within the possibilities of using the existing chassis and saddle tank.

About the kit

The kit is comprised of a fret of etched details and 3D printed plastic parts. Basic preparation has already been completed so all holes should be open, and the roof surface has been smoothed. We recommend sparing use of liquid superglue for adding the roof etch and details, ideally using a bottle with a thin applicator nozzle. Please note this is a scale model for adult collectors and not intended for children under 14 years of age.

Assembly Notes

1 • Check the donor model

It is suggested you run the chassis in gently before assembly, to confirm it's operation.

2 • Strip down the donor model

Prise out the coupling mounts and remove the chassis. Remove the buffers for re-use and use a craft knife to gently prise off the front buffer beam, smokebox door, smokebox frontplate and chimney. The cab may be damaged during removal, take your time and it will all come away. Remove the whistle, glazing, handbrake stand and reversing lever for re-use.

3 • Cut down Hornby footplate

Use a razor saw to cut into the Hornby footplate, studying Diagram 1 for the position of the required cuts. Cuts 1 and 2 should join up with the slots at the front of the cab. Cuts 3 and 4 from the edge of the rear tabs to the deepest part of the front tabs. Take your time and smooth the cuts with a needle file.

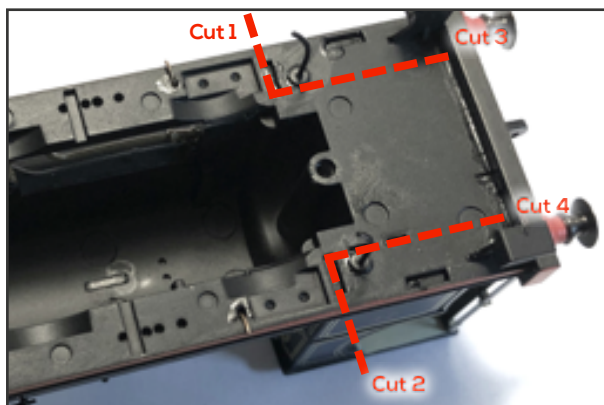


Diagram 1 : Modifications to Hornby footplate

4 • Add details and replacement parts

Cut metal parts carefully from the fret with snips or a knife and clean up the tabs with a file. Clean up 3D printed parts with a sharp blade and wet and dry paper.

Re-fit the smokebox front plate and door before adding the front buffer beam. Fit the replacement chimney, some fettling with a curved needle file to the underside may be required to get a good fit. Tentatively fit the cab and secure the rear buffer beam at the correct height, but leave the cab loose as it's useful to remove for detailing until after painting.

Gently form the cab roof to shape and superglue in place. Cab handrails are cut from 0.4mm brass rod, and fit into the pre-formed holes. If you wish to re-fit the whistle a 0.6mm hole can be drilled in the front of the cab, so the whistle projects forwards. Cab steps are folded up and glued to the bottom of the cab under the doors. The rear access hatch in the upper cab back sheet can be glued in position if you choose to fit it.

You may wish to replace the front handrail with a straight example, reusing the Hornby handrail knobs. On our prototype we have filled the original holes and filed it smooth and re-fitted the handrail at a higher position.

Finally, the wheel balance weights are a straight forward fit over the existing wheel moulding.



Painting and finishing

If a full-repaint is planned, then prime and paint the cab and tank together. Re-fit the Hornby glazing, securing with a small drop of PVA. Cut some clear plastic material or use glue-n-glaze for the front windows. The slots in the buffer beams will accept a Smith's type 3 link coupling with cut down shank. If using NEM based couplings then add an etched hook from Smiths (or similar) and refit the Hornby NEM pockets, note you will need to not push the couplings fully home due to the extended buffer beams. Finally paint the plates, let them dry and then clean off the surface with fine wet and dry paper before securing on the body.

About Planet Industrials

Planet Industrials was founded in 2019 and offers a range of kits and components in 1:76 scale specifically suited to industrial prototypes.

This kit was designed by James Hilton, If you have any queries about the model or instructions please get in touch.

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