

Pi PIL-004 Peckett W Class Late Style



Prototype Info

The Peckett 'W class' was a long lived 0-4-0st design from the Bristol manufacturer with the W2 from 1884 to the W7 in 1938. Hornby's W4 is a turn of the century design and our kit provides a later style cab and steel buffer beams to post-date the model and represent a later 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 and chimney. The cab may be damaged during removal, take your time and it will all come away. Remove the whistle, rear lamp iron and glazing for re-use. It is also possible to re-use the cab interior detail if you wish. Clean the tabs and slots on the chassis to bare metal using a small file and blade. If you wish, the smokebox front plate can also be removed, a replacement flat sided one is provided.

3 • 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. Re-fit the smokebox front plate before adding your choice of front buffer beam. Fit the new rear buffer beam before offering up the cab, make small adjustments to the tabs with a blade to ensure a good fit. Do not fit in place yet, it is useful to keep this removable until after painting, but remove the tabs between the cab sides at the bottom of the door. Gently form the cab roof to shape and superglue in place and then open up the hole for the whistle with a 0.6mm drill. Fit the replacement chimney, some fettling with a curved needle file to the underside may be required to get a good fit. Cab handrails are cut from 0.4mm brass rod, and fit into the pre-formed holes. Re-fit the whistle and rear lamp iron. Cab steps can be cut straight, or replaced with the etched examples. You may wish to replace the front handrail with a straight example, reusing the Hornby handrail knobs. 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. It may be necessary to cut down and separate the front windows. The slots in the buffer beams will accept a Smith's type 3 link coupling. 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 works plates, let them dry and then clean off the surface with fine wet and dry paper before securing on the lower cab sides.

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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