



Manning Wardle H Class Locomotive Body Kit

Cabbed Versions – Straight and Curved

Please Note:

This kit is produced in 3D printed resin. Although quite durable the material will not stand rough handling and may be liable to cracking. Please read and familiarise yourself with the instructions before starting.

Before starting your kit please check the contents. In your package should be:

1x Main Body	1x Cab Roof	1x Backhead
2x M2 Nuts and Bolts	2x Footplate Crew	1x Smokebox Door Dart
7x Handrail Knobs	3x Lengths of Handrail Wire	2x Draw Hooks
2x Sandboxes	2x Toolboxes	

The main body is provided having been already removed from its moulding sprues. Check the body over for any small left-over pips and remove them with a modellers file if necessary.

Using a 0.9mm drill bit in a pin vice open up the six holes for the handrail knobs. There are three on each side of the saddle tank. Also open out the locating hole for the smokebox door dart. The two holes in the front of the saddle tank and two on the tank filler cap now need opening out with a 0.5mm drill. Make sure the body is well supported and take your time opening-up the holes – only a little pressure is required.

Thread three handrail knobs onto a length of wire and fit them into the holes on the side of the saddle tank before trimming to length at the front with a pair of small cutters before repeating on the opposite side. The third handrail is a little more complicated. This handrail requires a curve forming to go around the front of the chimney. A suitable curved object is useful to help form this. When ready the handrails can be glued directly into the front of the saddle tank. Finally take one of the off-cuts and bend it with to 90-degree bends to form a handle for the saddle tank water filler cap.

The smokebox door dart can now be cleaned up and fitted.

Lastly fit the drawhooks through the slots in the bufferbeams. These can be cut down behind the bufferbeams if required.

The main body is now ready for painting. Firstly, ensure it is properly clean with a gentle wash in warm soapy water. Once completely dry the body can be spray or brush painted. Start with a primer before applying the body colour.

Once thoroughly dry we recommend painting the cab interior wall colour. These were often black to waist height and cream or off-white above. Pick out the cab gauges with a little brass colour.

Carefully mask the body to allow the neat painting of the running plate in black. Once complete a similar method can be used to paint the smokebox and front and rear buffer beams. The underside of the body and frame extensions will also require a coat of black paint. Finally pick out any details you wish.

Moving away from the body the roof and backhead can be removed from their printing sprues and cleaned up. Once complete these can be painted black in a similar manner to the body and details such as the regulator and gauge glasses picked out. The footplate crew figures can also be removed, cleaned and painted. Lastly the sandboxes can be painted – this is easier before final fitting running plate. These fit towards the rear of the smokebox. A toolbox is also included and can be added at the builder discretion.

To finish the model first fit the backhead inside the cab with a little glue. This is followed by the footplate crew, and finally the cab roof.

Turning the body over you will find two recesses for the M2 nuts. Fit these in position with a small amount of superglue. Make sure you don't get any glue inside the nut on the threads.

The donor chassis needs a very slight modification. At the front of the boiler section are two plastic clips / locating lugs which need to be removed. Carefully cut them with a small pair of cutters. Fit the chassis into the body, carefully ensuring any wires are neatly tucked in. Pass the two M2 bolts through the chassis and gently tighten. Do not over tighten.

Finally fit the two couplings into the NEM sockets ensuring they are the correct way up. Your locomotive is now ready to haul its first train!



We hope you have enjoyed building this kit. If you have any questions, please do not hesitate to contact us at management@hardyshobbies.co.uk

Hardy's Hobbies

