

Etched Pixels Digital Design
LMS Six Wheel CCT (D.1872)
Kit to fit N Gauge Society Stove-R Chassis
No soldering required

<http://www.etchedpixels.co.uk>



This product is intended for adult modellers with reasonable skill in handling small components.
It is not suitable for children.

Contents

- 1 x Printed and polished shell including roof.
- 1 x Overlay etches for body and end

Requirements

N Gauge Society Stove-R chassis, paints, decals, glue (evostick or spray adhesives).

History

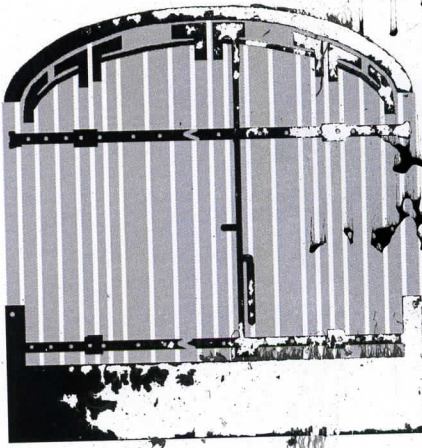
The LMS built a series of CCT vehicles on redundant LNWR and Midland Railway coach chassis varying between 30' and 30'6" long. The first vehicles were built in 1926 and production continued until 1934. They were banned from passenger services in 1959 but survived until 1968 with several entering departmental service.

Only one vehicle is believed to survive. M30562 was converted into a battery carrier between railway works and survived as CDM395492. It survives in this modified form on the Northampton & Lamport railway where it is being restored.

Some of the departmental conversions received steel doors and sometimes different end doors.

The Body

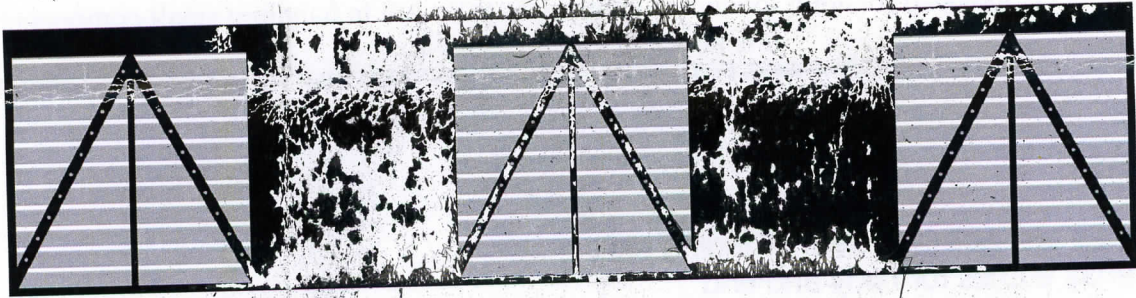
Begin with the 3D printed shell. This should be a tight but not force fit onto the Stove-R chassis. If the chassis is bending slightly in the middle gently file the inside ends of the printed shell until it fits tightly but flat.



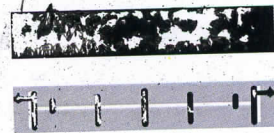
With sharp scissors or a sharp knife on a hard surface cut out the main end overlays. Clean up any edges from the tabs. It is not possible to reproduce all the rivets on the raised areas of the etch so for those who really care there are fine dents on the back of the various parts. These can be tapped (not too hard) using a track pin to produce a rivet on the other side if desired.

Glue this over the end of the 3D printed shell. There are two ways to glue it. One is to use a liquid glue and carefully glue each layer, the other is to spray the back of each etch with a spray glue and assemble. If you are using a spray glue take care you have good ventilation.

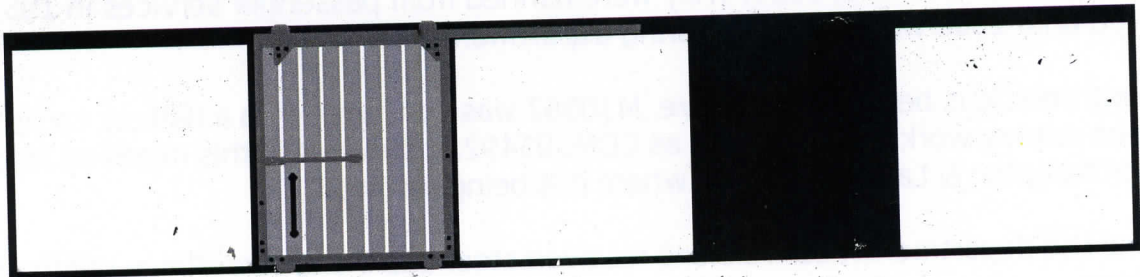
Cut out the main side overlays and orient them as shown. Clean up the edges and glue these onto the sides of the shell.



When you are happy with the position and they have set return to the ends and glue the small solid end overlays oriented as shown in the diagram. Next glue the detail overlay on top.



Glue the framing overlay onto the sides taking care to align it with the body etch. Glue the doors on top as shown. Take particular care with the fine runners at the top of the doors. It is best to bend these slightly inwards before fixing and to ensure they have a small amount of glue right on the end.



The Chassis

Remove the battery box from each side - you can usually remove it just by rocking it back and forward a bit and then pulling it upwards. It is also possible to remove the dynamo and with care you can remove the steps and footboard from the chassis

ex Midland Chassis

This chassis is very similar to the Stove-R chassis with the modifications above.

ex LNWR Chassis

These vehicles can be built but the Stove-R chassis is not a good representation although it can be made to look more like the LNWR chassis if you are willing to move the brake levers and make other small changes.

These vehicles also had tie rods along the bottom of the axleboxes which can be modelled with a small piece of wire or plastic rod if so desired. There are two known versions of the tie rods. In the one case the tie rods join the axles. In the other case they have angled ends. This type should run from the left hand spring down at an angle to the axle box then flat across and then angle up to the right hand spring.

Optional Detail

Most vans had curved rainstrips running the full width of the roof. These can be modelled with fine wire or fine plastic strip if desired. Start the arc just under 3mm in from the edge of the roof with the centre 4mm in from the centre of the van.

Painting

The vehicle needs priming before the body is painting. A suitable primer for both the printed and etched parts is Games Workshop's white spray primer.

In LMS days they were initially painted in a lined crimson lake with crimson ends, giving way from 1936 to plain crimson lake and black ends and grey roof. Vehicles would not have been repainted until needed so many vans would have retained crimson ends into British Rail days.

Numbers post 1934 were 35025-9 and 35129 to 35473 receiving a leading and trailing M in British Rail days. The Midland chassis are believed to be those with the number range 35249-35348.