

# EURONG ENG-011 Hungarian C50 Forestry Diesel

## Prototype Info

The Hungarian C50 diesel is a small 50hp locomotive in both 600 and 760mm gauge. Over 200 were built between 1953 and 1966, with another 20 exported to North Korea, and almost all forestry railways in Hungary have one or more of the class. Powered by a 50hp Csepel-Steyr D413 diesel engine with mechanical transmission with a maximum speed of 30km/h their light axle loading made them suitable for lightly laid and sometimes poorly maintained track.

Today many survive operating both tourist and remaining forestry services across the country.



## About the kit

The kit is comprised of a 3D printed plastic body shell and a fret of etched nickel silver detail parts. No folding of these parts is required and they can all be glued in place.

Please note this is a scale model for adult collectors and not intended for children under 14 years of age.

## About EuroNarrowGauge

EuroNarrowGauge was founded in 2014 with support from Narrow Planet. This kit is part of an expanding range of European prototypes and was designed by James Hilton. If you have any queries about the model or instructions please get in touch.

## Painting and finishing

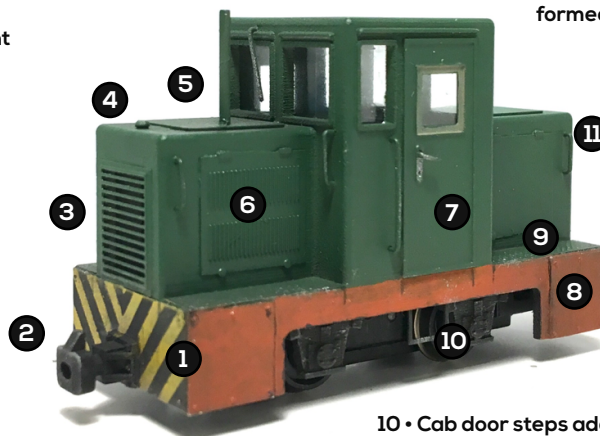
We recommend two thin coats of Halfords car plastic primer, which is grey, easy to apply, widely available and provides an excellent surface for painting. Leave the primed model for a few days to harden. The prototype locomotives were often finished in green with red side plates, black chassis and chevron yellow and black buffer beams.

## Contact Details

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## Parts Placement

- 1 • Etched buffer beam overlay at each end, fitted before buffer.
- 2 • 3D printed buffer fitted to each end.
- 3 • Etched bonnet front grill fitted with superglue.
- 4 • Bonnet top panels, noting one end has a hole for the exhaust.
- 5 • 0.9mm brass rod for exhaust.
- 6 • Etched bonnet doors fitted to each side. Note longer rectangular hinges on top edge. Louvred doors on the end with the front bonnet grill.



- 7 • Etched cab side door fitted to each side of the cab.
- 8 • Chassis side overlays added to each corner, noting the bolt heads run down the top and bottom edges.
- 9 • Chequer plate panels added to each of the four footplates.
- 10 • Cab door steps added to the inside face of the chassis side frames in line with the door.
- 11 • Use needle plies to form 0.4mm brass rod for all handrails and windscreen wipers in pre-formed holes.

Thank you for purchasing this EuroNarrowGauge kit, we hope you enjoy building and operating it. Please read through the instructions thoroughly before beginning assembly.

### Tools required:

Sharp craft knife or scalpel  
Tweezers  
Wet and dry paper  
Superglue.

### Parts required:

0.4mm and 0.9mm brass rod.  
Glazing material.

## Assembly Notes

- 1 • **Clean up the 3D printed body** • Use a fine wet and dry paper in water to achieve a smooth finish to the cab sides, bonnet and chassis sides. Rinse the model in a white spirit to remove any traces of printing residue or grease from handling. Remove the couplings from inside the body.
- 2 • **Check the donor chassis** • The kit is designed to fit a Bachmann USA 'Rusty' diesel engine chassis. Before removing the body from your donor locomotive it is suggested you run the model in following the manufacturer's instructions.
- 3 • **Test fit the body** • Offer up the kit body to the chassis to check for alignment and fitting. The chassis is a push fit within the body, but it is possible to re-use the Bachmann screws to secure the body if you wish.
- 4 • **Detailing** • Carefully remove each part from the fret using a sharp knife on a cutting mat or similar hard surface. Clean up the tags.
- 5 • **Weight** • To improve the performance of the model it is suggested that some lead is added within the bonnet.