



Annual Model Competition 2026

Kit or Scratch Build Locomotives

The following pages show the entries in the Locomotives category of the 2026 model competition. Voting takes place online, and all members will be emailed voting instructions and a unique voting ID.

To make your choice, look through the pages, and select your choice of best entry, note its number (eg. L1) and select that choice on the online voting form.

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L1 – Victorian Railways AEC Petrol Railmotor

This model represents one of the Victorian Railways AEC railmotors, introduced from 1922 for passenger services on branchlines. The prototype combined an AEC model Y truck with a lightweight body.

The model is built to 2 mm scale (1:152) and is 3D printed from the member's own CAD drawings. It is built for 10.5mm track, which is 2mm scale for the Victorian Broad Gauge of 5'3".

The drive mechanism is the member's own design and construction. A miniature motor drives through module 0.2 gearing, comprising an initial 2:1 spur reduction, 15:1 worm drive and final 10T-to-16T spur reduction, giving an overall reduction of 48:1. The model is currently DC, however a socket has been included to ease the installation of a small DCC Chip.

The wheels were made by the member with nickel-silver tyres, and the model incorporates electrical pickup with 0.2mm phosphor bronze wire. Wheel centres, front and back have been 3d printed.

The model is painted, to represent RM9 the last AEC Railmotor in service between Fawkner and Somerton. in the then outer suburbs of Melbourne – the prototype can be seen in the last picture.









L2 – LNWR 19" Goods

The model is a London and North Western Railway 19" Goods 4-6-0 in LMS livery. The body is constructed from an ex- Brassmasters etch shot down to 2mm scale. The loco and tender chassis are the member's own etches and the motor is a 7mm coreless.



