Class 411 4-CEP Electric Multiple Unit

Thank you for your choice of the Bachmann Branchline Class 411 4-CEP electric multiple unit.

General

The mechanism of this model requires running in (without a load) for approximately half an hour in each direction at moderate speed to allow the gear train to bed in.

When required, sparingly lubricate the motor bearings using plastic compatible light oil and the gear train with model grease.

Bachmann Branchline trains are not suitable for use on track tighter than second radius (18 inches).

Body removal

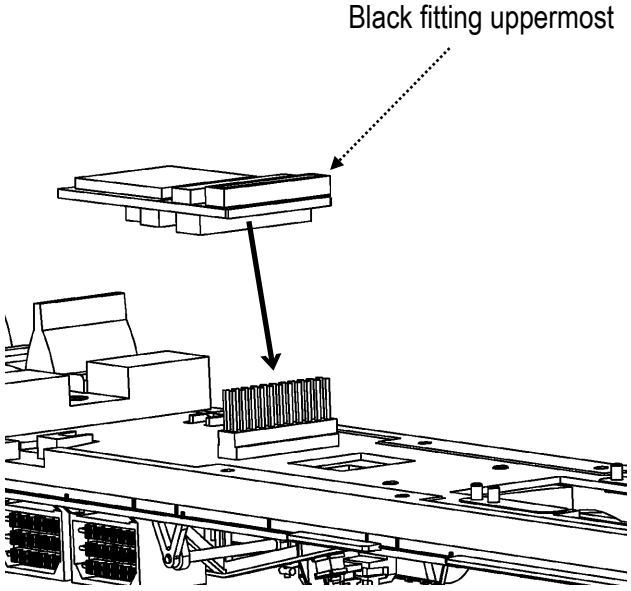
The body is secured by clips at 5 points on either side of the body as shown on page 3. Ease the sides of the body away from the solebar, if necessary slide strips of thin card or plastic each side as each clip is released to hold the clips open. Take care to avoid damage to the underfloor equipment details.

DCC Decoder fitting to DC model

This model has a 21-pin connector for a decoder.

It is recommended to run in a DC model first on a DC power supply before installing a decoder.

Carefully remove the blanking board and locate the decoder onto the pins on the PCB following the instructions included with the decoder: the decoder fits so that the black contact block is uppermost.



Control of lights with DCC

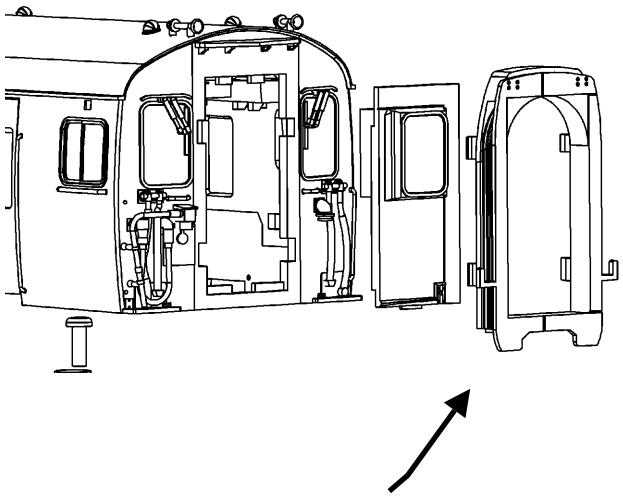
When using a decoder with the appropriate number of function outputs, the onboard lights can be controlled as follows:

F0 - Blind lights turned on / off

F1 - Interior lights on / off

Interchangeable end doors

The unit end doors are interchangeable to allow the headcode box to show a either number code for the front , or red or white bars for the rear.



Corridor connection clips into front of unit. Take care when removing or refitting

Hints for best results

The operation of a DCC loco requires that the power to the model is not interrupted. Track, wheels and pickups should be kept clean and all rail joiners must give good connections between sections of track. Improved reliability of DCC performance may be obtained by deselecting DC operation of the model on the decoder. This is usually controlled by CV29, Bit 2