

Thank you for your choice of the Bachmann Branchline Windhoff Multi-purpose vehicle.

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 perform best on second radius (approx 18 inches) or greater.

DCC Decoder fitting to DC model

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

Use either a decoder with matching fitting (for example Bachmann 36-554) or the Bachmann 36-559 8/21-pin adaptor to use a decoder with an 8-pin plug.

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

Unclip and remove the central water tank to reveal the main PCB. 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 contact block is outermost.

The water tank should be handled carefully as it has an asymmetric weight

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 - Head / tail lights turned on / off

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E3157-IS001
03/11 Rev 1

CARE WHEN UNPACKING

The modules are packed separately from the MPV to protect the location lugs

Lift the tray that retains them VERTICALLY taking extra care not to 'twist' as the packaging is lifted, as damage to the circuit board (that protrudes from the chassis into the water tank) can occur

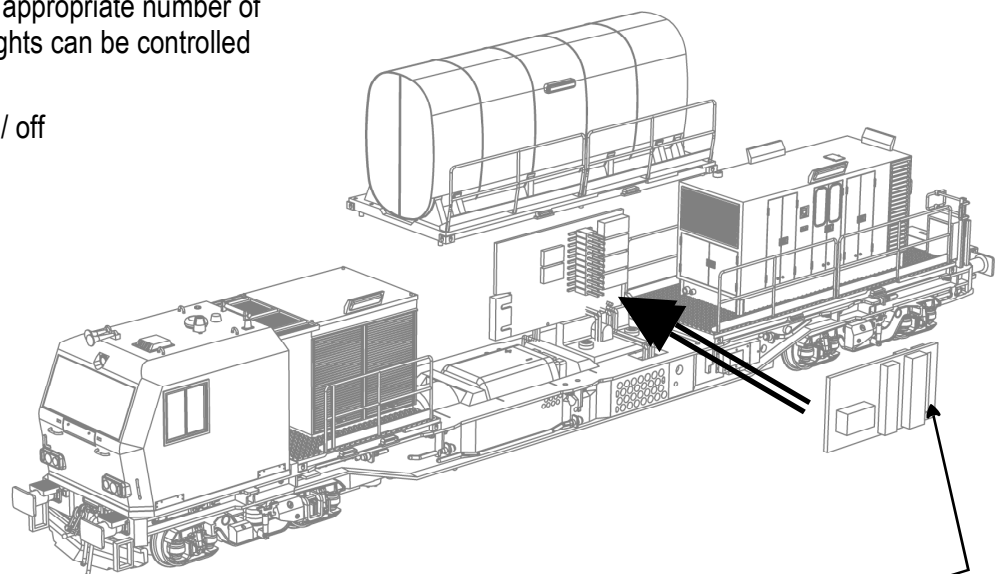
Fitting DCC Sound decoder

There is space for an aftermarket loudspeaker by motor mount underneath the unit removed by unscrewing the 4 screws in each corner. The piece also holds the spring for the unpowered end coupling bar. Unclip this spring from the moulding before removing.

Spare parts

1	Driveshaft	575-105
2	Motor	575-106
3	Coupler	575-107

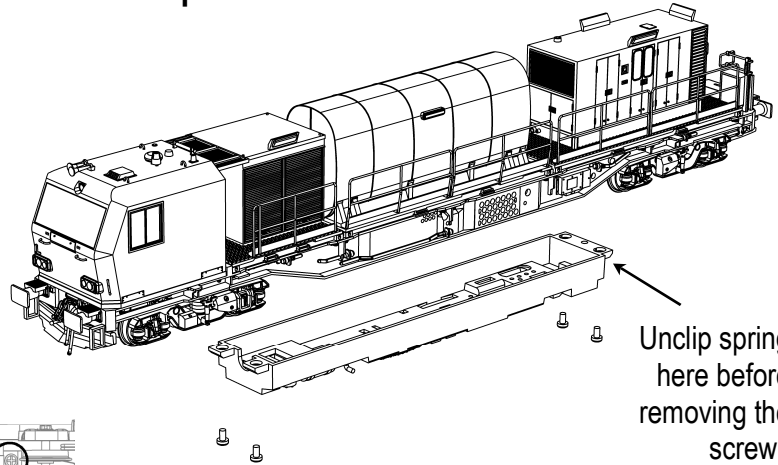
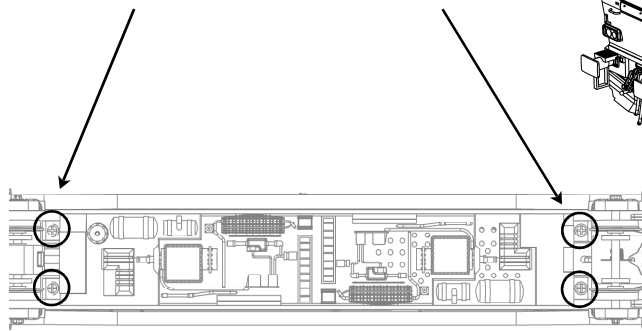
Parts are subject to availability



Black fitting on decoder goes outermost

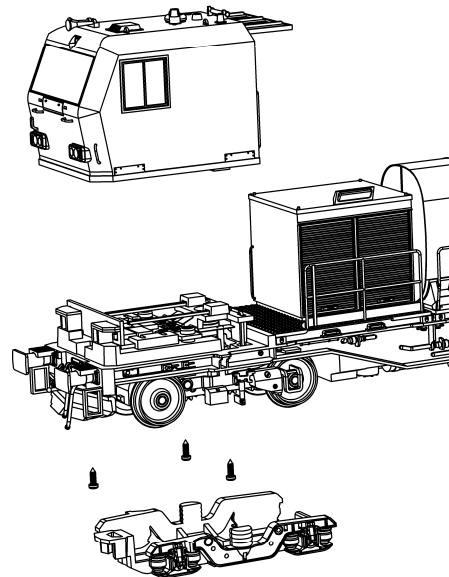
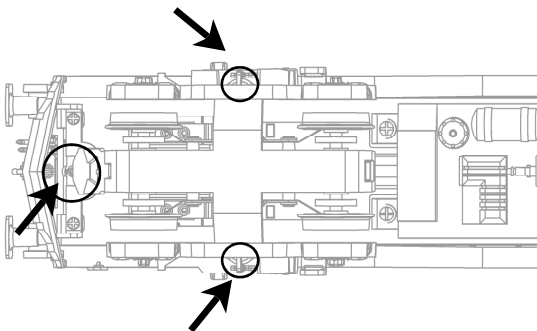
Removing engine moulding to access motor or fit speaker

4 screws, one each corner of the engine moulding. Note that the spring for the unpowered end coupling pocket fits over a lug on this moulding.

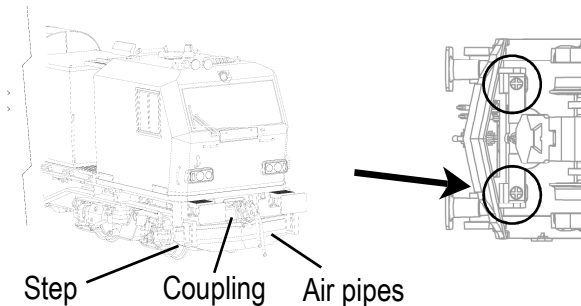


Removing cab

There are 3 screws as indicated below - unclipping the bogie frame may assist removal /refitting



Fit detail parts or remove plough to fit couplers



The plough fitted can be removed should it be desired to fit functional couplers to the unit - remove the two screws indicated

Wheels with traction tyres

Two alternative axles with traction tyres are included - fit one if required on steeper gradients

Uncoupling the two cars

Use the enclosed tool to unclip the connector between the two cars whilst on the track and lift off after uncoupling

The model should be handled carefully as it has many finely detailed parts. It is not suitable for persons under 14 years