

Thank you for your choice of the Graham Farish 4CEP electric multiple unit.

## Running in

The mechanism of this model requires running in (without a load) for approximately 1 hour in each direction at moderate speed.

## Curves

This model performs best on 12" radius curves or greater but will operate on 9" radius curves.

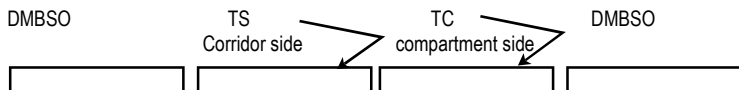
## Body removal

The bodysell clips over the chassis and can be removed by carefully easing away from the chassis. Start by easing apart beneath cab doors and working towards the rear of the car

## Lubrication

When required, sparingly lubricate the motor bearings using plastic compatible light oil and the gear train with model grease. Suitable lubricants are Bachmann E-Z Lube item 99984 or Woodland Scenics 'HobbyLube' Lite Oil item HL654.

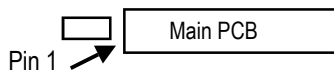
## Unit configuration



## DCC Decoder fitting

The model has a NMRA/NEM 651 6-pin decoder socket in both power and trailer cars.

Follow the instructions supplied with the decoder. Remove the blanking board and fit the decoder, aligning as shown. We recommend that the model is run in first using a DC supply before fitting a decoder.



## Sound decoder / loudspeaker fitting

Space is provided at the gangway end of the power car for loudspeaker to be used in conjunction with a suitably sized sound decoder.

## Additional parts

- 1 x Speaker housing
- 6 x Short couplers (use on larger radius)
- 2 x dropped head dummy buckeye coupling
- 6 x raised dummy buckeye coupling

## Bachmann Europe Plc

Moat Way, Barwell, Leicestershire, LE9 8EY 01455 841756

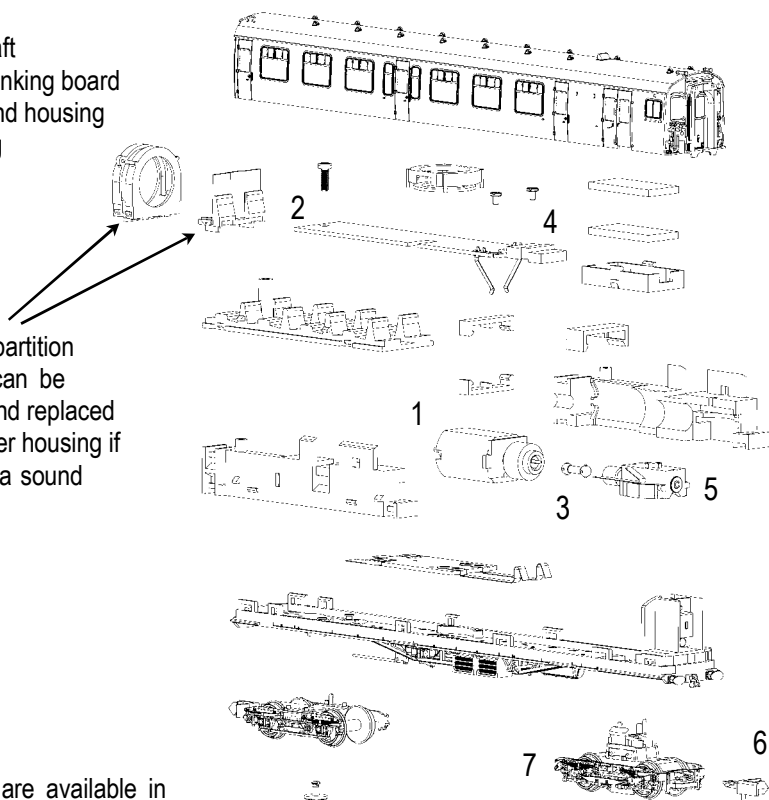
[www.bachmann.co.uk](http://www.bachmann.co.uk)

4CEP rev 1 07/11

F7267-IS001

## Parts

- 1 Motor
- 2 PCB
- 3 Driveshaft
- 4 6-pin blanking board
- 5 Worm and housing
- 6 Coupling
- 7 Bogie



Vestibule partition moulding can be removed and replaced with speaker housing if fitting with a sound decoder

Couplings are available in packs from retailers:

- 379-401 standard length
- 379-402 short

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

When ordering parts please quote the catalogue number together with the livery of the model (if appropriate) and number of the part required.  
All parts are subject to availability.