

### 3. Running-in

It is necessary that this unit is 'run-in' to allow the mechanism and gears to settle. This requires the model to be run without a load (wagons, coaches, etc.) for 30 minutes in each direction at half speed.

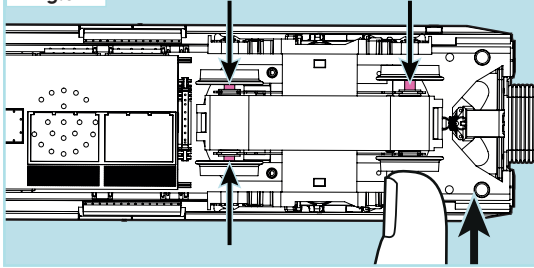
### 4. Lubrication

All Bachmann Branchline models are supplied ready lubricated and can be used straight from the box. Over time your model will require some additional lubrication - when will depend on the frequency of use and storage so please inspect your model on a regular basis.

If the driving wheel axles appear dry and no lubricant is visible, the driving wheel bearings will require lubricating. To do this simply push the set of wheels to one side and apply a single drop of plastic compatible lubricant to the exposed axle. Then repeat on the other side.

**Please note:** An electrically conductive and plastic compatible lubricant is required. Suitable products from both the Bachmann Trains & Woodland Scenics ranges are available from your local Bachmann retailer.

fig.6



#### Motor Bearing Lubrication

The motor bearings will also require lubricating. A small amount of disassembly is required and is shown below. The motor is located in Car C (which is noticeably heavier than the other three units) and the body is held in place by four screws, one at each corner and a clip at the centre of the bodysides.

1. Remove the securing screws from both ends of the powered unit. (figs.7 & 8)

2. Gently ease the bodysides out to release them from the clips and pull body away from chassis. (fig.9)

fig.7

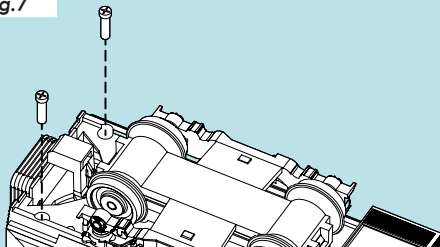


fig.8

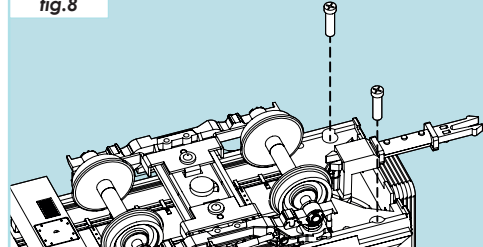
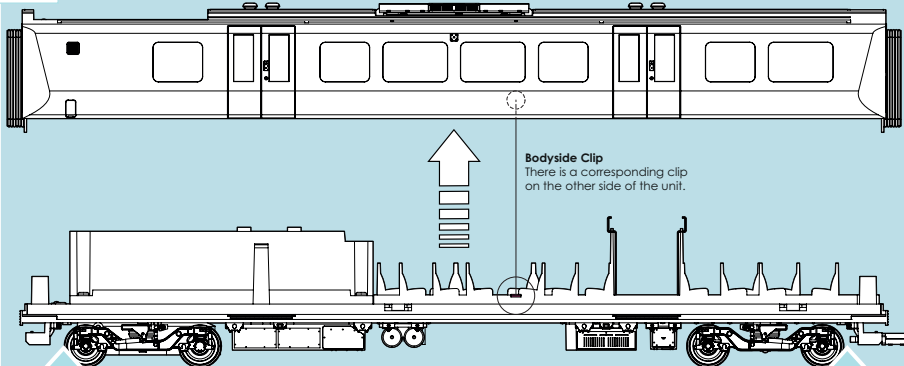


fig.9



3. Remove the five screws that hold the chassis block and power bogie in place. (fig.10)

4. Lift the chassis block and turn it over and place it on its back, please take care as the motor is wired to the PCB on the chassis. (fig.11)

5. Both the front and rear of the Motor Shaft are now exposed (figs.12 & 13). If they appear dry, apply one drop of lubricant to each.

fig.10

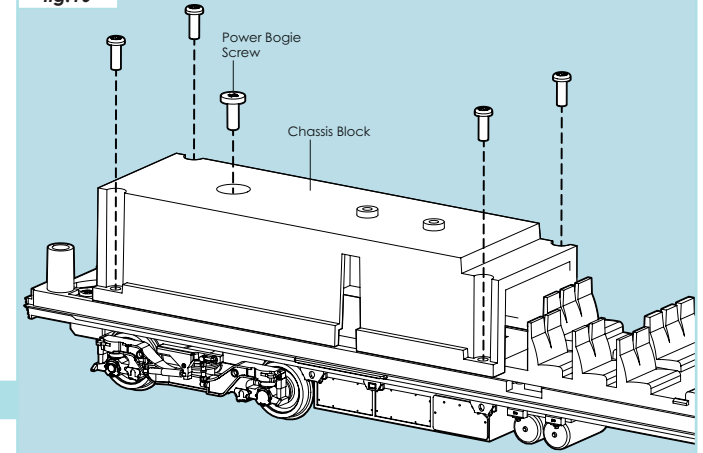


fig.11

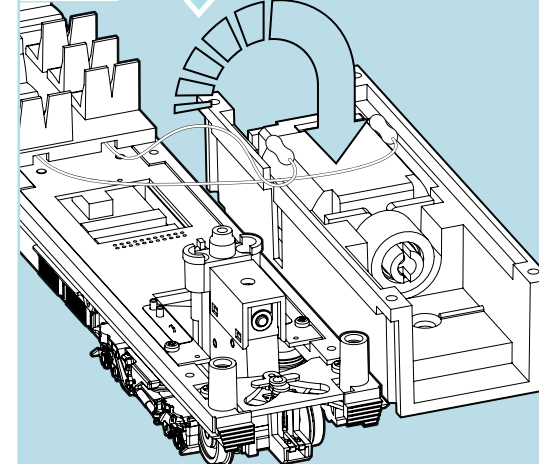


fig.12

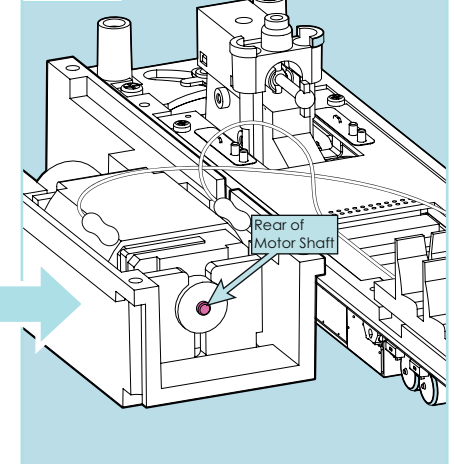


fig.13

