

## 2. Running-in

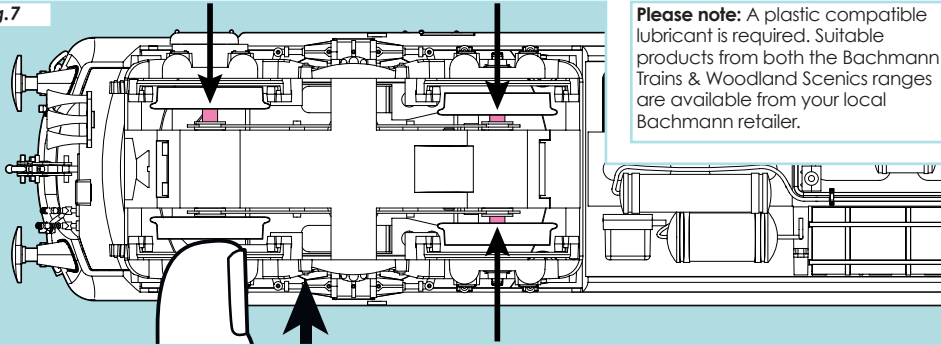
It is necessary that this Locomotive is 'run-in' to allow the mechanism and gears to settle. This requires the model to be run without a load (wagons, coaches, etc.) for 30 minutes in each direction at half speed.

## 3. Lubrication

All Bachmann Branchline Locomotives are supplied ready lubricated and can be used straight from the box. Over time your locomotive 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 (where shown pink in **fig.6**), it would be advisable to lubricate your model.

fig.7

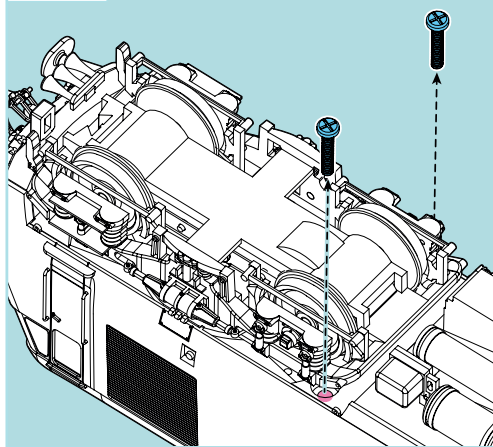


**Please note:** A plastic compatible lubricant is required. Suitable products from both the Bachmann Trains & Woodland Scenics ranges are available from your local Bachmann retailer.

### Motor Bearing Lubrication

The motor bearing come ready lubricated, however depending on frequency of use and time they may require further lubrication, To access the motor bearings a small amount of disassembly is required and is shown below.

fig.8



**Please note:** Due to the length of the DMU, each driving car A & F is fitted with it's own motor, any maintenance should be carried out on both cars.

1. To remove the body you must unscrew the four screws that are located on the underside of the chassis behind the rear set of wheels of each bogie. You will need to rotate the bogies to access the screws. (figs.8 & 9)

fig.9

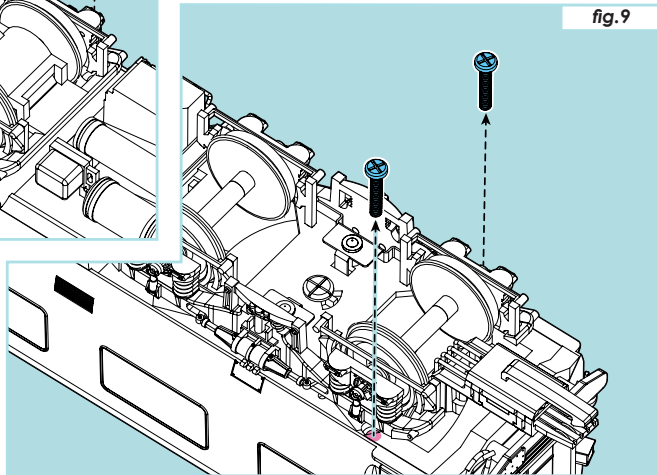
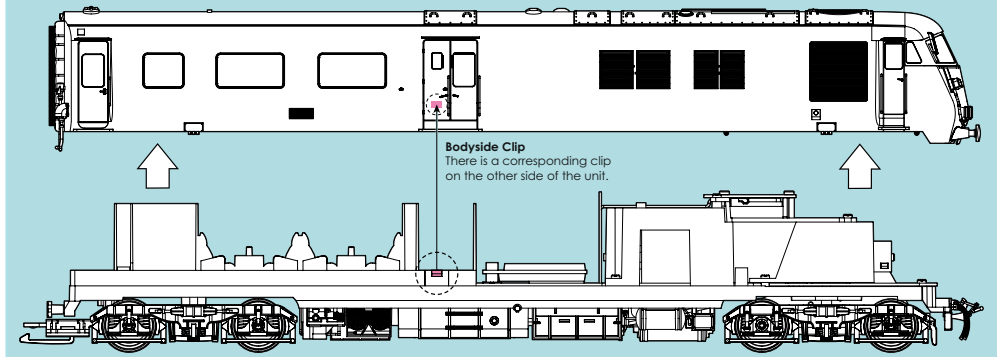


fig.10



2. Remove the body shell of the power car. Once the screws have been removed the body is held in place by two Chassis Clips, one on each side of the car. Gently ease the sides of the body shell out to release it from these clips and carefully slide the body shell off (fig.10).

3. Once the body is removed the Rear of the Motor Bearing will be visible, if it appears dry apply one drop of lubricant to it (fig.11).

fig.11

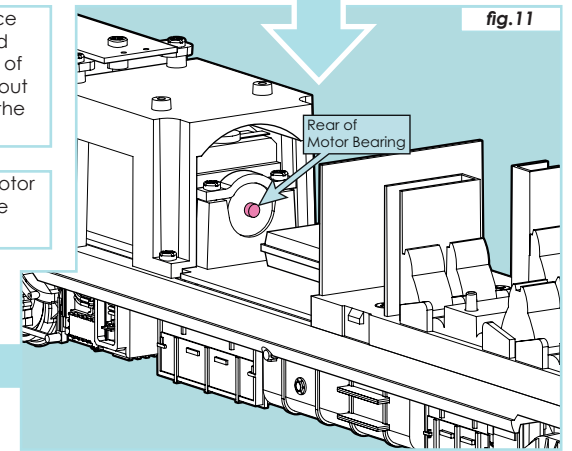
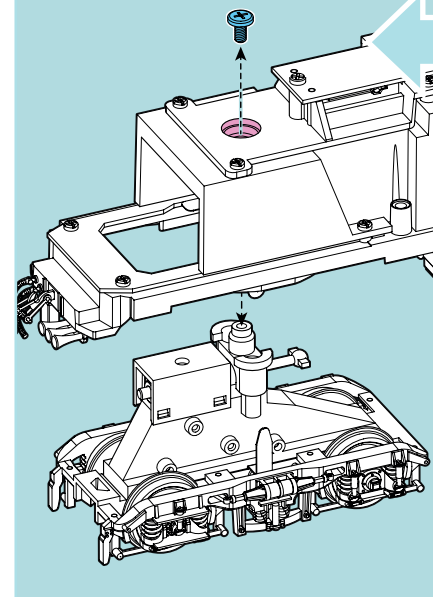
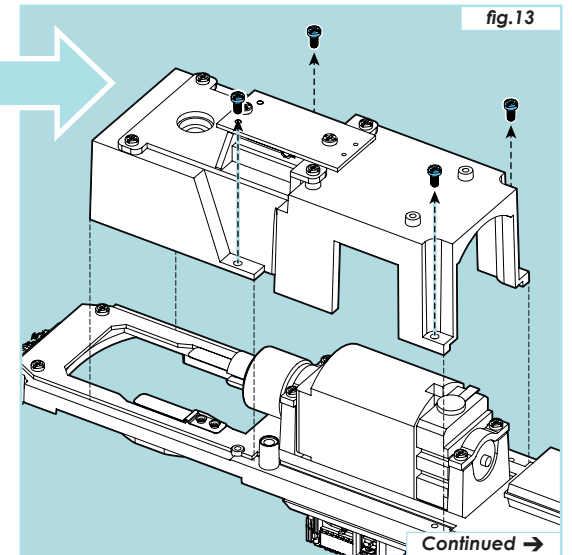


fig.12



4. To access the front Motor Bearing you will need to remove both the powered bogie and alloy motor block first (figs.12 & 13).

fig.13



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