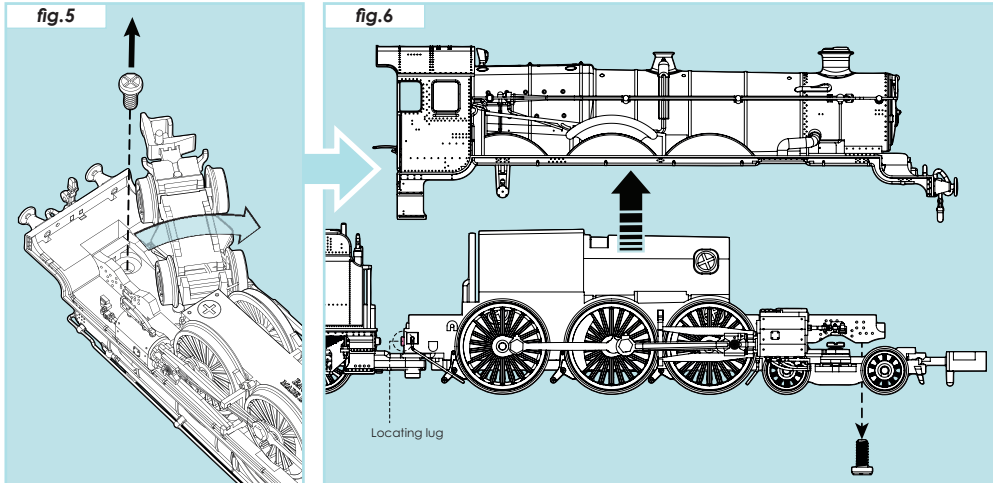


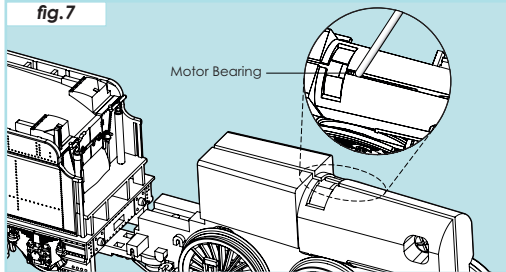
3. Lubrication (Continued)

Motor Bearing Lubrication

Periodical lubrication of the motor bearing may be required. Some disassembly is required and is shown below.



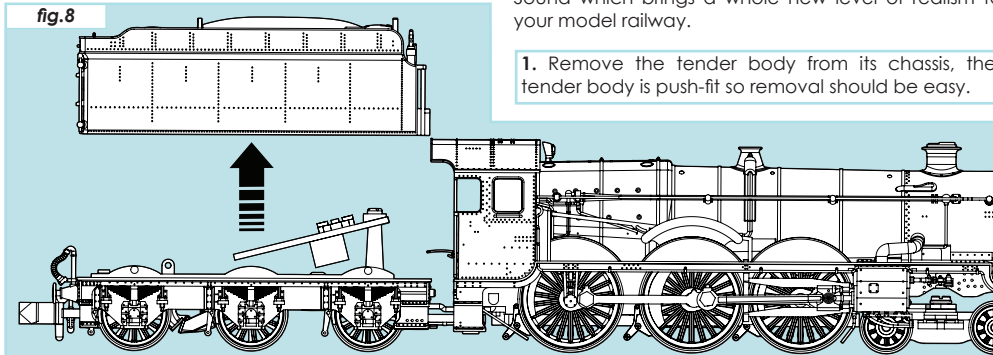
1. There is only one assembly screw which is located under the front bogie, move the bogie aside and remove the screw (fig.5). Then, using a small flat headed screwdriver, gently ease the Cab end of the body over the locating lug on the chassis (fig.6).



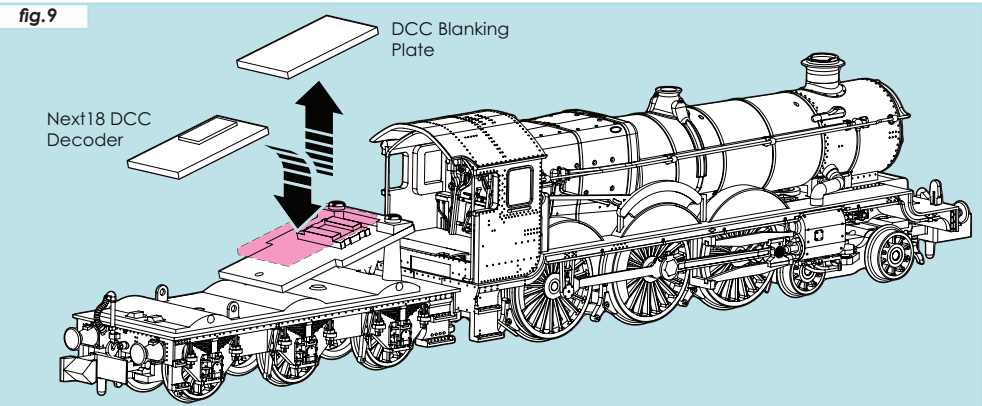
2. To lubricate, apply a small amount of plastic compatible lubricant to the front motor bearing, visible through the two part chassis, using a needle type applicator such as those on the Woodland Scenics Premium Hob-E-Lube range (fig.7).

4. DCC Decoder - Fitting a Next18 DCC Decoder

Digital Command Control (DCC) allows for greater functionality and control over the locomotives on your layout: such as the simultaneous control of speed & direction of multiple locomotives and enables the use of DCC controlled track, points and other DCC Decoder fitted accessories. DCC also allows the addition of DCC Sound which brings a whole new level of realism to your model railway.



1. Remove the tender body from its chassis, the tender body is push-fit so removal should be easy.



2. Remove the Next18 DCC decoder blanking plug.

3. Push-fit your Next18 DCC Decoder.

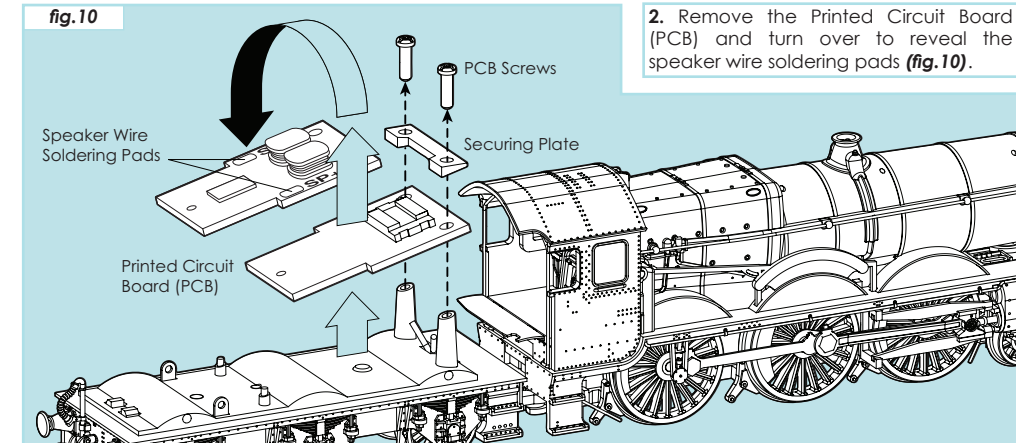
5. DCC Sound - Installing DCC Sound

The following equipment is required for DCC Sound.

- 1 x Next18 DCC Sound Decoder (pre-programmed with the relevant sound file of your choice).
- 1 x 10 x 15mm Speaker.
- 2 lengths of suitable wire to connect the speaker to the PCB Board.

Please note: It's recommended that the DCC Decoder and Speaker are both from the same manufacturer and the speaker specifications are compatible with the decoder. Please consult your retailer for advice.

1. Remove the Tender body and Next18 DCC Blanking Plug as shown previously in figures 8 & 9.



2. Remove the Printed Circuit Board (PCB) and turn over to reveal the speaker wire soldering pads (fig.10).

3. Solder the two speaker wires to the SP+ & SP- soldering pads on the underside of the printed circuit board (fig.11).

4. Replace the printed circuit board using the screws and securing plate removed earlier.

