

INSTRUCTIONS FOR DIESEL LOCOMOTIVE Catalogue Nos. 1165/68 1010 1012 1013

1. Carefully unpack locomotive. Place the locomotive on the track ensuring that all wheels are on the rails. Do not push locomotive along the track by hand. Speed and direction are controlled by the transformer controller.
2. All locomotives are tested and oiled before they leave the factory, therefore no further lubrication will be required for the time being. WARNING: too much oil will interfere with the performance of this loco. Please note this locomotive requires a certain amount of "running in" before full speed will be obtained.
3. To take off the superstructure proceed in the following manner: Unclip black centre section from the skirting, then remove couplings.  
Note that each bogie is fitted independently into the locomotive body, but both are connected by one or more wire leads. Take care not to dislodge the connection. Each bogie is held in position by four lugs recessed into the walls of the superstructure. Gently force side walls apart and raise one end of the bogie, repeat same with the other end of the bogie unit. When replacing the bogie proceed in reverse order.
4. The following parts should be oiled periodically:
  - (a) The front and rear bearing of the motor; and
  - (b) The six axles only.
5. Replacing motor brushes: After removing the motor bogie (See para. 4) unsolder or remove wire tags from brush arm, press tension spring together, and remove worn brushes. Insert new ones, replace wire leads and release tension spring and secure with solder.
6. Changing light bulbs: (Where applicable) Remove bogie(s) from superstructure. Slide right hand bulb contact forward. Remove bulb; replace bulb if required. Return contact to original position and refit bogie(s) into superstructure.
7. To replace traction tyre(s) the side frame moulding has to be removed from the bogie casting; care should be taken not to break the fixing lugs of the sideframes when removing same. It may be necessary to re-secure the said sideframes with a suitable glue.
8. The motor is held by one screw only. Should it be necessary to remove the motor, utmost care must be taken when replacing the motor unit to obtain correct meshing of gears.
9. In order to obtain the best performance from the locomotive, special care and attention should be paid to the cleanliness of the track, the wheels and pick ups as dirt deposit will interfere with the performance of the model.