

# Street Level Models

## 1935/38/56/59/62 Tube Stock

### Instructions

To build this kit you will need a suitable craft knife, steel rule or suitable cutting edge, a safe cutting surface and suitable glue. I always favour impact adhesive for constructing these kits, although there are many alternatives available on the market, so I would recommend using whichever variety and brand you are most comfortable with.

Before starting work it is best to familiarise yourself with this kit. There are quite a few small parts on this kit, including some duplicate parts.

Once you have familiarised yourself with the sheet, begin by cutting out the main bodysides and roof (1), the car doors, and the car ends (2) Notice that alternative cab ends have been provided allowing for different destination combinations on your finished train. If you wish to glaze and detail the vehicle, now is the best time to cut out the windows and glue or tape some acetate (*not included*) behind the openings.

Take the floor (3), score and fold down the solebars, colour in the white fold line, and run a black pen or paint around the edges of this part as it will be difficult to get at later. If you are building a static display model, simply prick the corners of the white dotted rectangle through the card with a pin to locate the dummy bogies. If you wish to build a working model, draw two lines corner to corner to find the centre, and drill a hole to take the motor bogie of your choice. It is worth noting that Metromodels produce ready to run trailing bogies which would be suitable for this kit. They are available from [www.metromodels.net](http://www.metromodels.net). To build a working model, I would recommend reinforcing the floor with something stiffer than card, ideally a sheet of plasticard.

Interior detail kits are available direct from us for £3.99 (1935/38 stock only), or can be downloaded for free via our website to be printed at home. One interior kit will give you enough parts for a four car set

Take the bodysides and roof (1) and turn it face down on the cutting board, position the doors behind their openings and glue them in. the **single leaf** doors at the **trailing ends** of each car should be glued into position with the **tabs outermost**. I find it useful to roll the tabs on these around the shaft of a small screwdriver so that they give the required smooth curve when the trailing end is glued on. Now I find it helpful to score a series of light score lines on the reverse of the roof to ease rolling it to the right shape. Be careful when doing this, as it is easy to cut right through! Using the cab fronts and trailing ends as formers, carefully roll the sides and roof to shape. On 1935/38 stock the front edge of the roof needs to be rolled down as well as around to give the streamlined slope which characterised this generation of tube stock (*see diagram below*).

The trailing ends need to be shaped at the same time as the roof to ensure everything is a snug fit. Finish the main body by glueing the cab fronts into position. The chevron vent (8) can be glued over the domed end of the roof on the 1935/38 stock.

To complete the static model, simply cut out the printed bogies (4) and fold them into a box. These can be mounted under the floor using the pin-pricks as a locating guide.

For both static and working models, mount the bogie frames (5), and axleboxes/shoebeams (6a/6b) on some medium thickness card (*about 0.75mm thick, scrap from a card backed envelope is ideal*) Cut the components out and glue them in layers onto the bogies. They will stick flat to the dummy bogies provided in the kit, but will need some extra layers of card to bring them out clear of the bearings on a motorised model.

Finally cut out the couplers (7). You can make them up as a shallow box, or, if it is easier, simply cut out the face plate and mount it on some scrap card before glueing them to the headstocks under the end doors on each car.

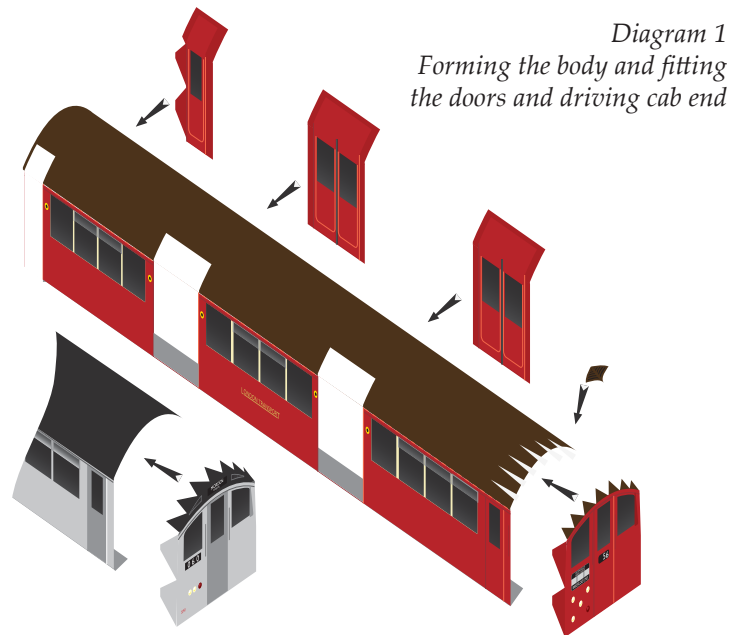
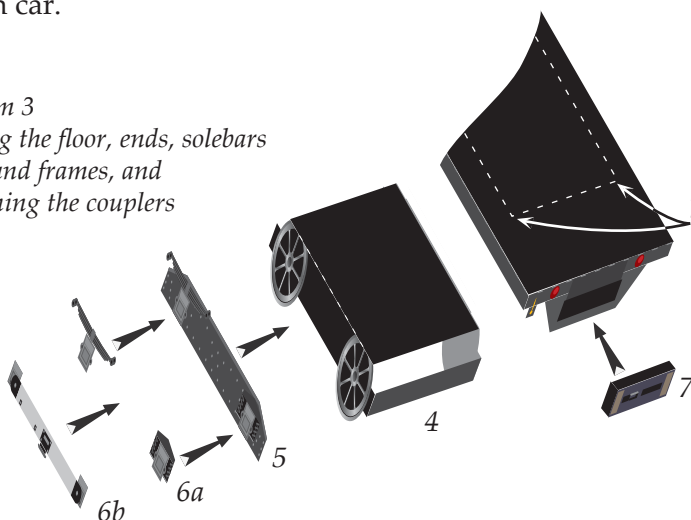


Diagram 1  
Forming the body and fitting the doors and driving cab end

Note the different roof ends. The right hand diagram shows 1935/38 stock the left hand diagram shows the straight end on 1956/59/62 stock

Diagram 3  
Forming the floor, ends, solebars bogies and frames, and positioning the couplers



Use a pin or scalpel point to prick these corners to help locate the bogies

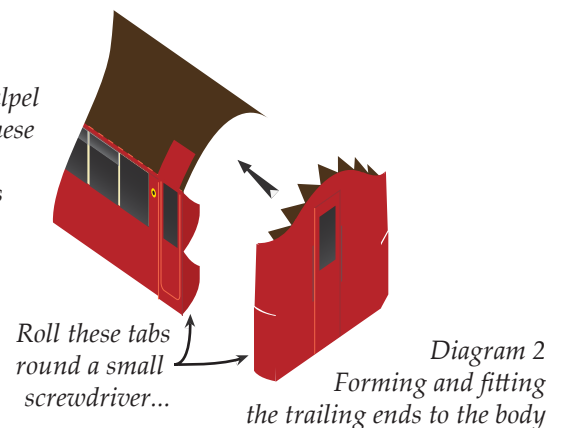


Diagram 2  
Forming and fitting the trailing ends to the body