

## Instructions.

Before starting construction, read through these instructions carefully and have a dry run with the parts to check that all is well. The metal castings should be treated with respect as rough handling could cause damage. If any castings are bent, they can be straightened carefully by hand, but do not use excessive force. Any item found to be faulty should be returned to the manufacturer for replacement.

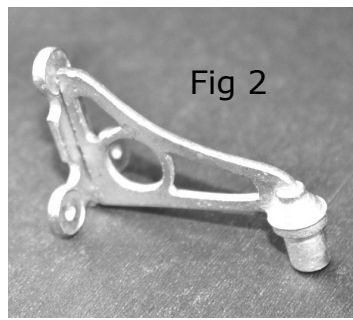
This kit consists of 5 white metal castings, one moulded plastic glazing piece, one 12 volt 'warm glow' LED and one resistor.

Carefully clean all parts, removing mould lines and flash with a sharp craft knife and small file.

Trim excess material from around the top of the plastic glazing (item 2) with a sharp craft knife or scissors until it fits snugly in the recess on the underside of the top casting (item 3).

Using 'Araldite' or similar, glue the plastic glazing (part 2) onto the lamp base (part 1) and set aside to dry.

Once the assembly has set, carefully drill through the hole in the base casting and through the plastic glazing with a 3mm or 1/8" dia drill, to allow the wire to pass through.



Glue together parts 5 and 6 as shown in fig 2 and leave to dry.

The LED should be soldered to a pair of thin

extension wires of a length to suite the installation position on your railway. Note that one of the LED wires is longer than the other and it is important that this one is connected to the positive side of the power supply or the light will not function. The two wires from the LED may be cut shorter to allow positioning in the lamp, but don't forget to mark the positive wire prior to cutting.

Ensure that any connections or bare wires are insulated so that they do not touch the metal lamp at any point. Pass the wires down through the hole in the lamp base for later connection to a suitable power supply giving between 6 and 12 volts.

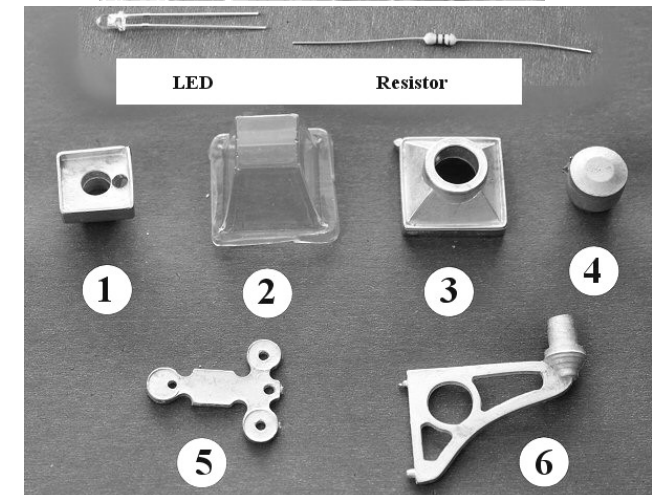
The resistor must be connected in series with the LED but can be attached to either the positive or negative side. This does not need to be close to the LED and can be anywhere convenient between the lamp and power supply.

Glue the lamp top and vent (items 3 and 4) together then glue this assembly on to the top of the plastic glazing.

Once the glue has set, assembly can be painted as desired, not forgetting a thin line on each corner of the glazing to represent the frame.



## LA4 Wall Gas Lamp Kit



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