



## FUDGE

Thank you for buying this locomotive kit from Boot Lane Works, please read all the instructions carefully before assembly.

### Tools & Adhesives

I recommend a few tools to help you assemble your kit –

- Small Bench Vice
- Modelling Knife (*I use a scalpel*)
- Tweezers, Pliers, etc...
- Needle Files, various shapes
- Wet & Dry abrasive paper (*the mixed selection from Halfords is very good*)
- Selection of small twist drills, including 1.5mm & 2mm diameter
- A 90-degree angle (*I use a set block, but a small set square will work well*)
- Personally, can't manage without my small, tapered reamer, look for them on eBay!  
*TAKE CARE WITH THE REAMER - MAKE A SMALL CUT, TRY, AND CUT AGAIN*

I also recommend the following adhesives –

- Super Glue  
*I use Gorilla Super Glue*
- Dichloromethane, A liquid solvent for the acrylic  
*I use E.M.A. Model Supplies "Plastic Weld"*

### **ABOUT THE PRINTED FILAMENT**

**THE FILAMENT WILL SOFTEN IF IT GETS HOT - DO NOT LEAVE IN DIRECT SUNLIGHT**

*The printer extrudes a filament of plastic, layer by layer, to create an object. As it does so, it can leave tiny ridges along the object.*

*For best results use a file to clean the surfaces, then apply a primer or a primer/filler and rub back with a wet'n'dry. A little effort with preparation will reward you with great a topcoat.*

### **THE RESIN PARTS ARE BRITTLE AND MUST BE HANDLED WITH CARE**

*The resin is hardened by an ultraviolet light process but continues to adsorb the light after the process. Please ensure the resin is thoroughly painted to stop the hardening process continuing.*

FUDGE is a freelance model tram in either 32mm or 45mm gauge and part of our Sweetie range of kits.

## **THE SKIRT**

A one-piece print, there are two buffer/couplings that can be screwed onto each end. There are four M2 8mm screws that self tap into the main skirt body.

The chassis kit comes with an acrylic spacer should you want to gain extra height/clearance under the model.

## **THE BODY**

Another single-piece print, the body will need a little cleaning up.

We find Halford Yellow Filler/Primer to be a good starting point. Followed by 400/800 Wet'n'Dry.



The 2mm acrylic piece fits snugly onto the inner of the main body and represents the top of the tanks. Tank fillers are supplied, along with a chimney and sand-dome.

There is a printed block that we covered with coffee stirrers (supplied) to replicate an old wooden toolbox. This toolbox also fits over the switch should you wish to use it.

Printed firebox detail can be adorned with the supplied two water gauge glasses and regulator handle. A smokebox door and dart complete the detail for the front of the locomotive.

The body, skirt & chassis are held together with two M3 conehead screws that self-tap into the chassis through the skirt from the body. The body has countersunk holes to accommodate the M3 screws.

## **THE ROOF**

There is a single printed roof frame and a 0.5mm styrene roof.

Attach the two together with a strong glue to create a single roof that will be a good push fit into the body. I usually turn the roof frame upside-down, and support the styrene and frame on two lengths of wood and place a weight on the top while the glue dries, keeping the curve of the roof.





A PDF copy of this document can be downloaded from –  
[www.bootlane.org.uk/instructions](http://www.bootlane.org.uk/instructions)

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