



**RT Models**

## **4mm scale, 009 gauge Vale of Rhiedol 2-6-2T**

### **Walchaerts valve gear set**

#### **Instructions**

Before commencing with construction, please read through these notes and familiarise yourself with the assembly diagrams.

Before removing any etched parts from the fret, drill all the holes with a 0.8mm drill bit or even better, use a broach as these will minimise and snatching like a drill may do, take your time doing this so not to bend any of the parts.

Carefully cut through the tabs with a Stanley knife or a pair of Xuron etched fret cutters, I find them personally very handy if you build a lot of etched kits.

Supplied with the valve gear set of small steel rivets, these need to be inserted through the holes with the head placed on the outside / viewing side, lay this and the parts carefully that are about to be joined together on a hard surface such as the top of a vice, anvil or steel block.

With either a sprung loaded centre punch or a small hammer, just a couple of LIGHT taps are all that is needed to join the parts, make sure you check between each tap that the parts move freely, its best to have them loose than tight as once these are too tight you will need to file the rivet off and start again. As long as the rivets are not likely to fall out that is the main thing.

Parts 5, The cranks that go on the centre crank pin need slight bending into a S shape, whilst the real locos did not have them shaped like this, it saves them binding for us modellers.

The large ends of these are best soldered onto the pin away from the wheel cranks.

When installing the cranks, they need setting slightly off centre towards the rear of the loco both sides with the crank pins/ coupling rods at the bottom.

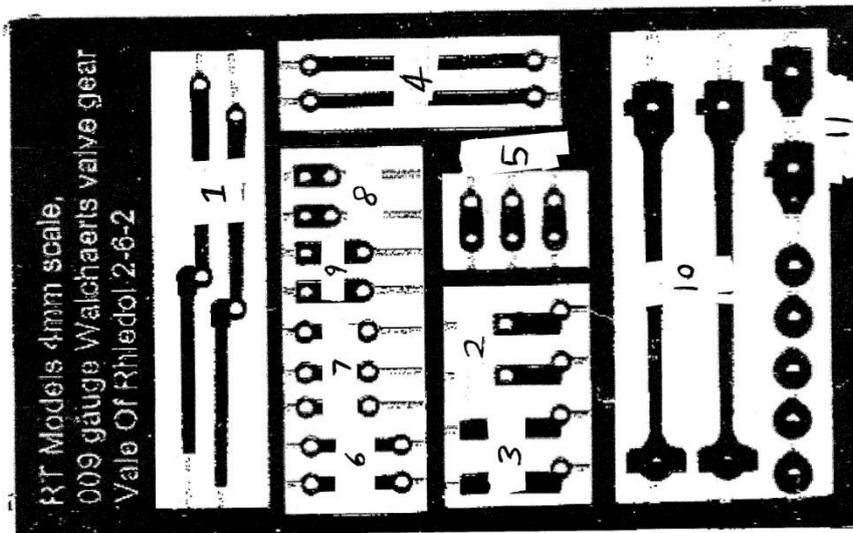
There is also included a couple of extra/alternative parts but for this actual loco you will NOT need 2 or 9.

#### **Contents**

1x etched valve gear fret

16x small rivets

3x small pins



Valve gear

