# The Palatine Models Pivot Plates with/without Mounting Blocks

The Palatine Models Pivot Plates and Mounting Blocks have been designed for the easy installation of a hinged version of the Alex Jackson coupling.

The hinged version of the coupling offers several advantages over the original fixed version in that it is adjustable in all directions, it is more positive in operation, it doesn't require any form of centre gauge, and it is more robust.

The pivot plate has been designed so that, when mounted, the coupling is on the centreline of the vehicle. This will aid vehicle stability on the track, particularly useful if the vehicles overall weight is inadequate. Prior to folding up the pivot plate the two etched 'pop' marks must be carefully drilled through to clear an 11thou wire. It is suggested a 0.4mm drill will provide an appropriate clearance.

This etch can be used with or without a mounting block.

If you are using one of our mounting blocks please note that we have stopped producing the etched version and are now using a 3-D printed mount.

***Use of mount***

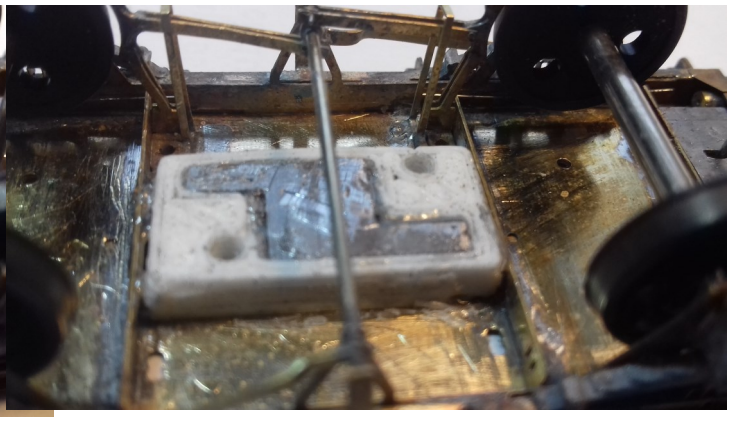
File the 3-D printed mount flat on both surfaces removing the printing marks. The screw holes will self tap with the included M2x4mm screws providing you just clean the edges of the holes, do not remove too much 'plastic' otherwise you will lose the grip.

With your AJ wire already formed with the first 90 degree bend insert it through the first hole and then make another bend in the same plane at right angles.

Solder the counterbalance weight to the coupling wire that protrudes from the mounting plate. In the example shown a panel pin has been used after having the head and tail cut off.

The mount can be glued to the vehicle either before or after you set up the pivot plates. Adjustment is provided by the slots on the plate. The use of the washers provided will increase the grip of the screw.

*Mounting plate screwed to 3-D printed base. Counterbalance weight position alongside the wheel so it is not visible.*



*Mounting plate filled with lead to gain extra weight.*