

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.

There are 2 different types of etch, one including a mounting block and one without. The one without is intended for proprietary wagons with a thick floor. If you are using mounting blocks then please read on.

The mounting blocks are provided as an etched fold up. The user can use either 12BA or 10BA nuts and bolts to tighten the pivot plate to the mounting block but it is recommended to use a washer if using the smaller bolt to increase the purchase area of the bolt head.

The holes in the pivot plate and mounting block are for 12BA clearance or 10BA tapping. Also included on the fret are a number of small plates with a hole in the middle. These are for no other reason than to save on nuts. Solder three of them together and solder to the underside of the mounting block. These can then be used in place of a nut if using a 10BA bolt.

Since the fold up mounting block creates a hollow area this can be filled with lead or appropriate material for weight prior to mounting to the vehicle. Please note that the blocks have centrelines etched on them to assist fitting to the centre of the vehicle.