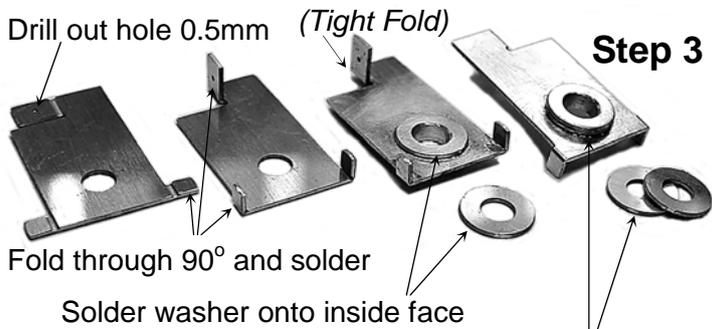
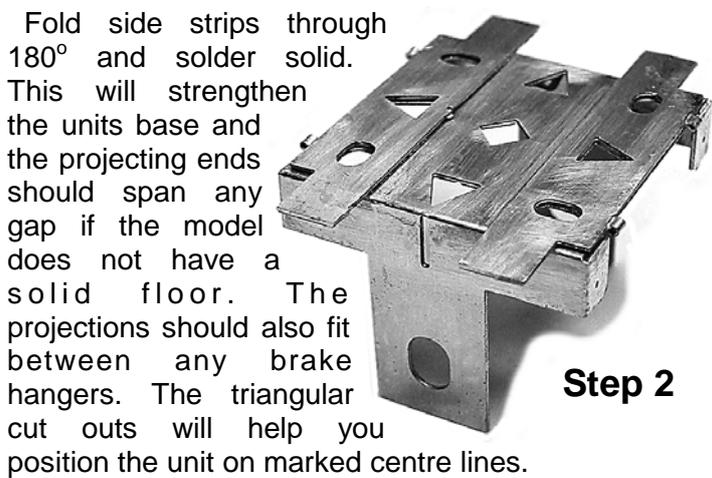
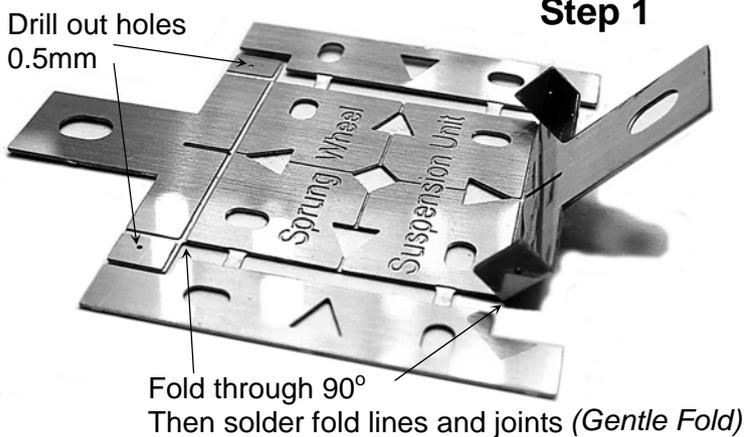


The spring wire included is 0.016" thick. It is in effect electric or acoustic guitar string readily available from musical instrument shops. It should provide a suitable sprung ride for a vehicle built from a typical etched kit.

Different thickness guitar strings are readily available normally in 0.002" increments at very modest cost. So if the weight of your model requires lighter or heavier springing. Pop into your local music shop and stock up on a range of this excellent modelling material. Then experiment until you achieve the desired ride for your vehicle.

Outer Axle Units



Solder single washer onto outside face for 0 gauge fine scale, twin washers for scale 7. Use a generous amount of solder so that it flows under the washers and around the inside of the hole.

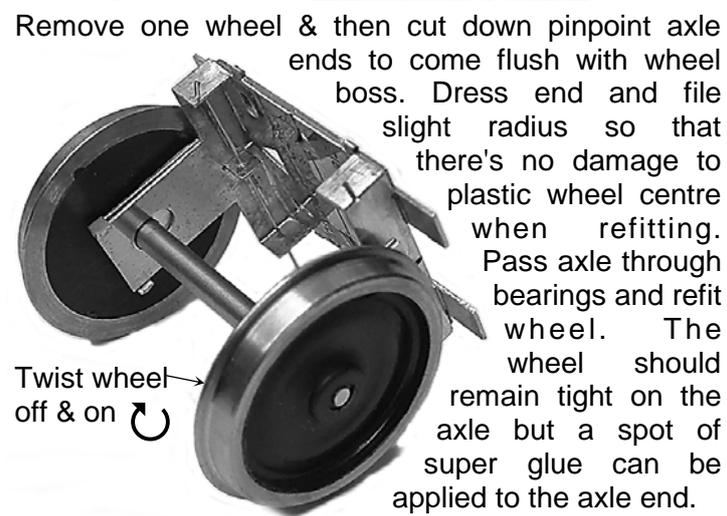
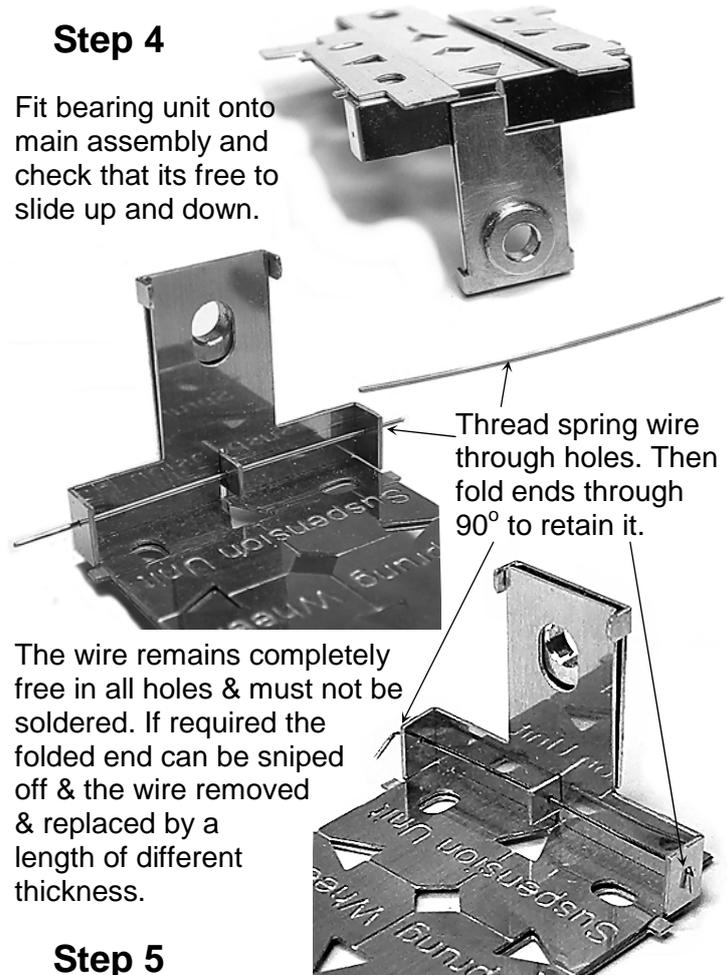


Then use a cutting broach (*round file*) to open up the hole to provide a smooth bearing surface for the axle.

6 Wheel Coach Sprung Suspension Units Price £12.00



A universal unit to provide sprung inside bearings for Slater's type wheels. The kits axleguards are then used as cosmetic fittings. This also makes fitting to a built model easier.



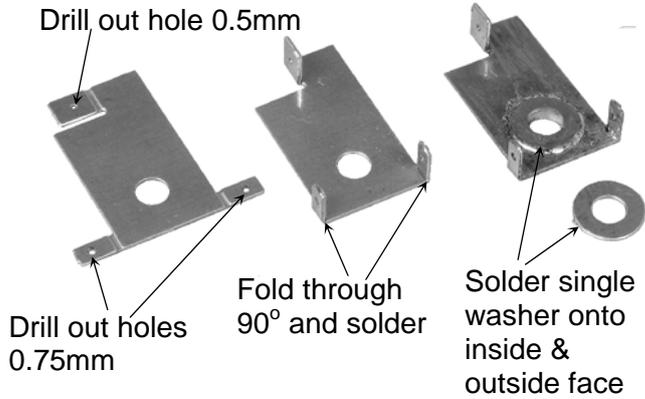
To attain correct buffer height a little packing between unit and vehicle floor may be required before fitting.

Centre Axle Suspension Unit

Step 1

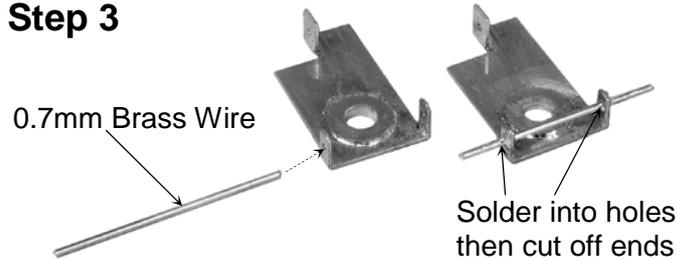
Make up the carrier unit in exactly the same way as the outer units. The concept of this centre carrier is identical to the outer ones it is just narrower.

Step 2

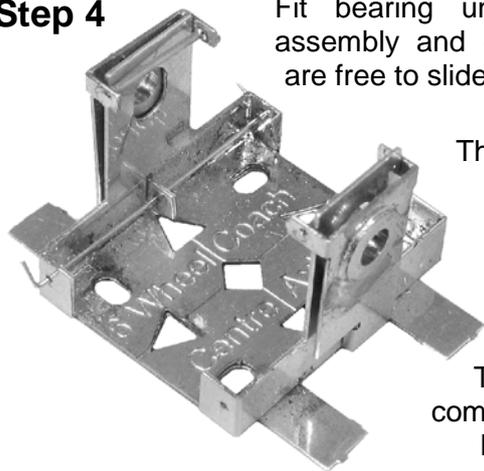


Then use a cutting broach (*round file*) to open up the hole to provide a smooth bearing surface for the axle.

Step 3



Step 4



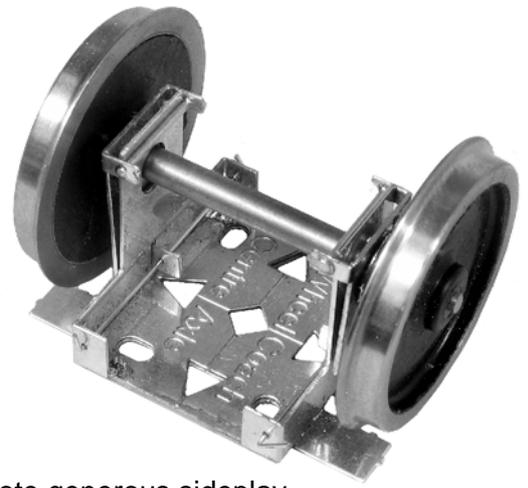
Fit bearing units onto main assembly and check that they are free to slide up and down.

Thread spring wire through holes. Then fold ends through 90° to retain it.

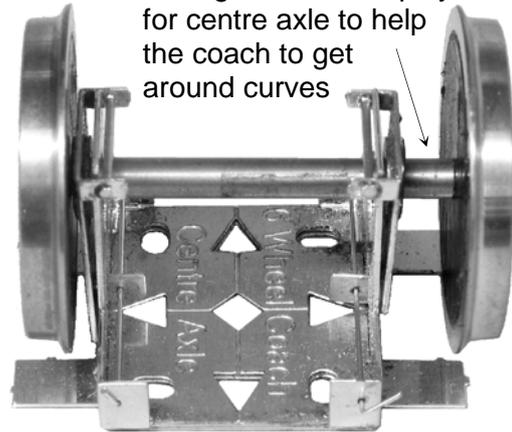
The wire remains completely free in all holes & must not be soldered.

Step 5

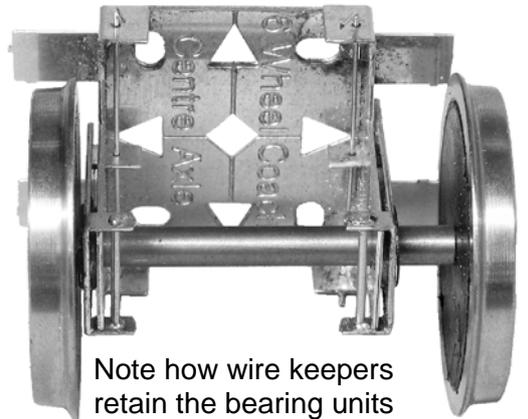
Fit wheelsets



Note generous sideplay for centre axle to help the coach to get around curves



Lubricate bearings with a spot of light oil on the axle



Note how wire keeps bearing units vertically when the axle moves sideways.

