The 2mm Scale Association
1-070 LMS/BR rail-built buffer stop

LMS/BR bufferstops at Kyle of Lochalsh (photo David Mallott)

Assembly instructions

1. Cut out the etch from its surround. Do **not** at this stage, separate the two mirror image halves of the etch, or cut out any of the parts.
2. Fold the etch in half along its centre line. As this is a 180 degree fold the tabs are on the inside of the fold. Then solder the various parts together back to back (parts 1, 2, 3, 4a and 4b). You may wish to tin the rear of the parts before folding.
3. The various parts can now be cut from the etch. Do not separate parts 1 from parts 3 at this stage.
4. Fold back the bracket plates on the outer supports (parts 1) through 180 degrees and solder in place on the support. Then fold the protruding part of the plate back through 90 degrees. File off the remaining tags.
5. Choose whether you will use the optional etched rail (parts 3). If so, fold them through 180 degrees and solder to the outer supports. If attaching the bufferstop to a normal piece of rail, detach and discard part 3.
6. Slightly crank the inner supports (parts 2) where indicated on the diagram, so that they will meet with the outer support at the bufferbeam height. Note that the cranking is handed (the two supports should be mirror images of each other).
7. Choose whether you will use the shorter LMS style bufferbeam (part 4a) or the longer BR style (part 4b)
8. You may now assemble the bufferstop. Solder the outer supports (parts 1) to the outside of the rails. Next solder the inner supports (parts 2) to the inside of the rails, and ensure that meet with the outer supports at the top. Finally solder the bufferbeam (part 4a or 4b) in place, ensuring every thing is square.
9. Remember you have now electrically connected the two rails together, so the bufferstop needs to be on a short isolated section of track at the end of a siding.