



# '00' Kits of Etched Brass with Metal details

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## LMS 20T CEMENT HOPPER

### GENERAL

Remove parts from fret with sharp craft knife, file off remainder of retaining pip with needle file.

1. Carefully bend u/f channels (6) rivet detail within the channel. This is best done by bending one lip in a vice then putting a piece of 1/8th brass against the inside right angle, trapping in a vice with unbent lip sticking proud, with a straight edge bend down other lip. Affix both channels to underside of platform (4), edges level with outside of body. Fit buffer beams (9).
2. With a blunted point, lightly tap out rivet detail on hopper sides and ends (1) and (2) then slightly bend all four tops along bend line. Fit both sides and ends to platform using locating tabs for position, when satisfied solder down seams.
3. Affix chequer plates to both ends of platform.
4. Tap out rivet detail on end hopper supports (10) and fit to both ends.
5. Bend hopper roof (3) to shape and fit. Bend to a right angle end supports (11) and fit. Fit hopper manholes.
6. Fit hopper side supports using (12) and (13) in position as per diagram.
7. Carefully bend the flange top of 'W' iron plates (7) to 90° away from etched brake detail, attach to underside of wagon body ensuring that the axle holes are opposite and the wagon sits level on its wheels.
8. Fit buffers, axle boxes and hand brake (8).

PAINTING Grey body, Black below solebars.

