

LC5 Pair of Loco Cylinders BR Standard type

IMPORTANT - Please read the instructions before starting the assembly

This product is part of our complementary range of loco chassis components but it may also be used to enhance RTR products, replace those found in kits, or for scratchbuilding.

ASSEMBLY INSTRUCTIONS

1. Remove the main stretcher from the fret. If you are working in EM or P4 gauge, separate at the half-etched lines as shown in the sketch to ensure a close fit over the frames. If necessary, open up the piston hole in the rear face and in the rear overlays (if used) to suit the crosshead and piston rod you are using.
2. For locos with top hung crossheads, separate the cylinder rear overlays. Remove the area shown in the sketch from the rear face of the main stretcher and solder the overlays in place, indexing them with the piston rod hole. For locos with double slide bars the overlays are not required.
3. Fold up the stretcher to 90° with the half-etch to the inside and reinforce the folds with a fillet of solder.
4. If you prefer not to use a Comet motion set you will need to fabricate the slide bar assembly and attach it to the rear face of the cylinder. If using a Comet motion set refer to the instructions provided for assembly of the slide bars to the cylinders.
5. Fold up the valve spindle crosshead guides as per the sketch and fix to the rear face of the rear valve chest casting, aligning by reference to the etched hole and the centre mark in the casting. This assembly should be drilled through to take the valve spindle, then fixed to the rear of the cylinder. The remaining parts can be fixed with adhesive unless you are experienced in the use of low melt solder.
6. Fit the cylinder side castings and file back smooth to the front and rear faces of the cylinder etch, then the front and rear valve chest castings, front cylinder cover plate etches and the cylinder relief valve castings.
7. Fit inspection covers according to prototype. Cylinder drain cocks can be added using handrail knobs and wire if desired.

