

LC4 Pair of Loco Cylinders LNER 2 and 3 cylinder 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 A 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. Fold up to 90° with the half-etch to the inside and reinforce the folds with a fillet of solder.
2. If you prefer not to use a Comet motion set you will need to provide some brass or nickel silver to make up the slide bars. This should be soldered in place into the vertical slots in the rear cylinder cover plate C. This assembly is then fixed to the rear of the cylinder and centred by reference to the piston rod hole. Note that you will need to file the back face of the cover plate smooth of any projections.
3. If using a Comet motion set refer to the instructions provided for assembly of the slide bars to the cylinders.
4. Separate off the unwanted portion of the valve spindle crosshead guides D as per the sketch then fold up with the half-etched detail to the outside and fix to the outer face of the valve chest casting, aligning by reference to the etched hole and the centre mark in the casting.
5. The remaining parts can be fixed with adhesive unless you are experienced in the use of low melt solder.
6. Fit the correct cylinder side castings and file back smooth to the front and rear faces of the cylinder etch, then fit the front and rear valve chest castings and front cylinder cover plate etches B. The relief valve can be represented by 0.9mm wire.
7. Cylinder drain cocks can be added using handrail knobs and wire if desired.

