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Industrial Rolling Stock in
009/HOn30/HOe

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Bachmann Re-motor kit - Instructions for fitting to early version chassis

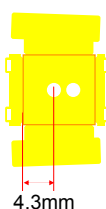
You will need:-

Bachmann re-motor kit with long shaft adapter.

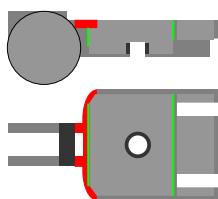
1.8mm 1.9mm or 2mm drill.

Please read the re-motor kit instructions before carrying out the instructions below.

The Bachmann re-motorising kit is designed to fit later versions of the Bachmann 0-4-0 (and fits some other wheel configuration) chassis which were available in the 1980s to early 2000s. It does not fit some of the very early versions of this loco without modification. The early version docksider had the motor mounted in the body of the loco, not attached to the chassis. This type of loco may also be distinguished by its complex plastic valve gear rather than the much simpler metal valve gear fitted to later versions. If your motor is attached to the chassis the kit will fit without modification, if you have the early chassis do not despair as the re-motor kit can still be fitted but you need to make an extra hole in the base of the cradle and shave away the plastic of the chassis somewhat.

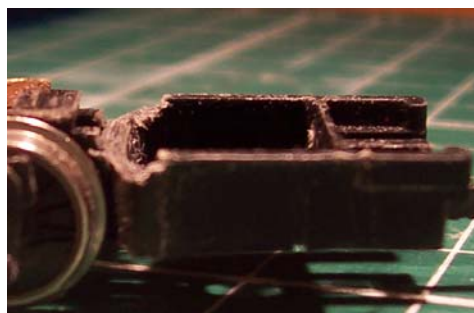


The extra hole should be around 1.8mm-2mm diameter and 4.3mm from the rear fold. You can either measure and drill this before assembly or fold up the cradle, modify the chassis as shown below then mark the required position of the extra hole by trial fitting the cradle and marking through the fixing hole in the chassis. Fit the fixing nut behind the new hole and cut the bolt to length as instructed in the kit instructions.



The first modification needed to the chassis is to scrape away the front and rear of the rectangular recess at the rear of the chassis where indicated by the green lines on the diagram. Scrape these until the folded up cradle can be fitted into the recess without distorting the plastic. Next check which end of the shaft adapter fits to the motor shaft and cut the other end off at 15mm. Remove the worm from the original motor as described in the main instructions and fit to the adapter. Fit the thrust washer then the shaft adapter with worm to the motor shaft as described in the main instructions. Next trial fit the completed cradle to the chassis and then gradually cut away the area marked in red so that the worm engages with the worm gear.

Please contact me by email if you have any problems or questions - NigelLawton009@fsmail.net



Note that these photos include a flywheel, please ignore this for the purposes of a standard re-motor kit.