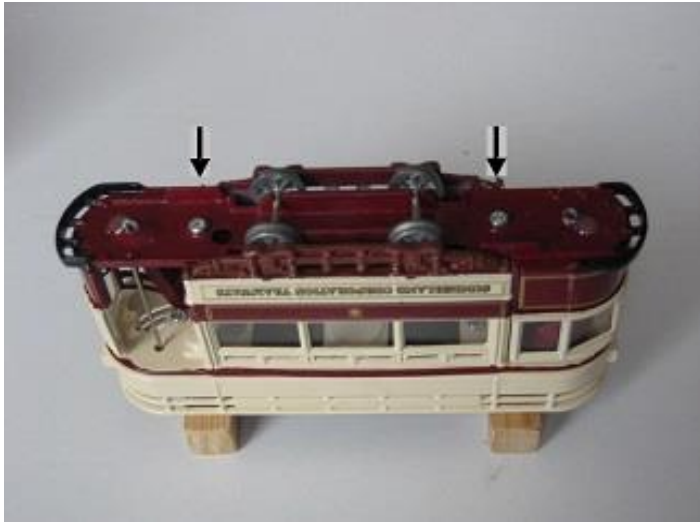


MOTORISING A CORGI 1/64th scale TRAM

These models are available in a wide variety of liveries but the method is the same in all cases.

Corgi 4-wheeled tram lower decks have two rivets holding on the baseplate as shown. After drilling a 1/16th hole in the centre of each rivet, the heads are drilled off until the parts can be prised gently apart.

The 1/16th holes are used for 3/16ths No 2 self-tapping screws to fasten all the parts back together when the tram is motorised.



When the baseplate rivets are released the wheels, axles, lifeguards and platform handrails will fall out, the handrails and lifeguards should be placed in a safe place for use later.

The next two rivets hold the platforms on to the lower deck; this has the two sets of stairs attached, each of which is held in place by a small rivet.

It is best to leave these attached unless the tram is to be repainted, as these rivets are too small to drill out and fix with screws, and if removed the stairs need to be glued back into

place.

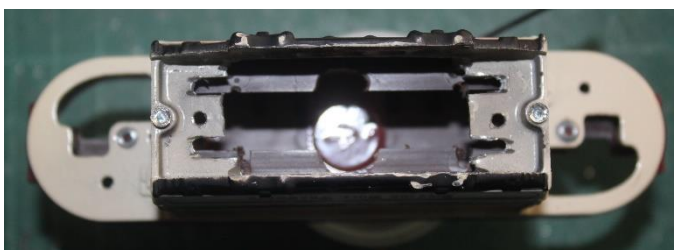


The platform casting should be cut where it narrows at the inner end of the platform.



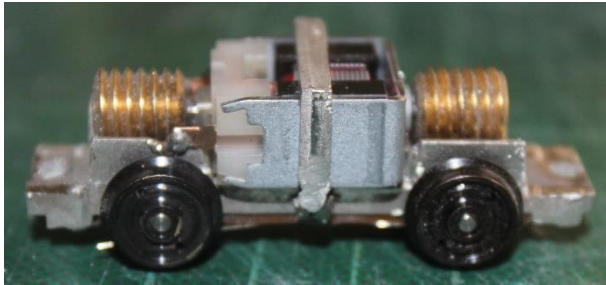
Now a piece of diecast floor has to be removed, first drill a hole about 1/8 th inch diameter in one of the small recesses in the floor. Then either elongate the hole with a file or drill a couple more holes in a straight line, so a junior hacksaw blade can fit into the hole. Take care not to

scratch any paintwork. Use a piece of cloth to hold the body and remove all swarf every few minutes, as it can be very abrasive.

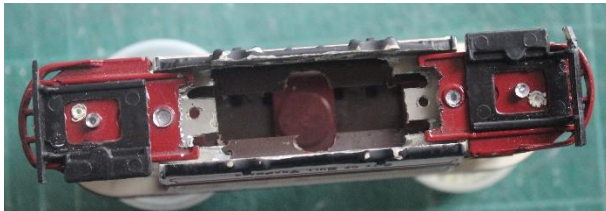


Enlarge the hole with a file to fit the motor, allowing room for the worms to turn freely.

Cut the platform so that it clears the motor.



Cut the vertical parts off the motor casting so that it fits in the hole.
Drill a hole for a second screw to hold the motor in place.
Temporarily fit the motor in place and drill holes in the diecast floor for the mounting screws.



Either screw or glue the platforms back in place.
Fit the handrail and glue the step and lifeguard in place.

Please note that when using glues it is advisable to leave everything for 24 hours for the glue to cure.



Drill off the rivets holding the lifetrays in place and remove them.
Trim the ends so that they fit under the ends of the truck.
Put the motor in place. Tuck the lifeguards underneath and screw in place. Note, I used 1/2 inch 6BA screws and tapped the holes for them to go in.

Congratulations, you have now successfully motorised your Corgi tram which will look similar to these completed models and will run on OO/HO gauge model tramways or railways.

