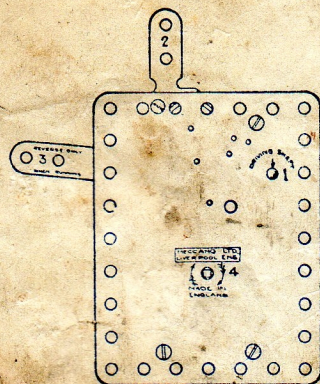


MECCANO CLOCKWORK MOTOR

INSTRUCTIONS

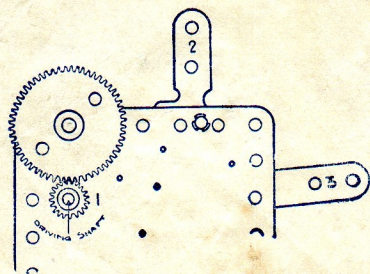
ALONG with the motor will be found a winding-key, and a driving spindle with a pinion wheel attached to it. The pinion wheel should be detached from the spindle and placed inside the motor, flush with the spindle holes 1, and engaging with the pinion on the end of the reversing-lever 3. The driving-spindle should then be inserted and the pinion wheel secured to it by tightening the set-screw.



Before commencing to wind up the motor, move the brake-lever 2 over to the right. To wind, press the key down on to the winding-spindle 4 as far as it will go, and turn it in the direction of the arrows. Never turn the key backwards. To start the motor, release the brake-lever.

The lever 3 is for making the motor run in the reverse direction. This lever should be operated only when the motor is actually running. Reversing the lever when the mechanism is not running may cause damage to the gears or possibly the breakage of the lever.

The bearings and the gears should be carefully oiled occasionally to ensure smooth running. Ordinary machine oil is the most suitable.



The motor will drive a large number of the smaller models without extra gearing. This diagram shows how extra gears may be added when more power is required. The wheel mounted on the driving-spindle is the $\frac{1}{2}$ " Meccano pinion; the wheel engaged by the pinion is the Meccano 56 toothed gear.

Properly used, the Meccano Clockwork motor will do excellent service for many years, and will greatly enhance the joys of Meccano model-building by giving life and movement to the models. Our full guarantee of efficiency is behind each motor, and it is our earnest desire that each one shall give the greatest satisfaction.