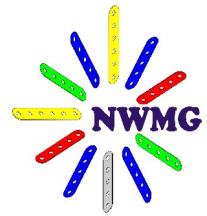


A Foliot & Verge mechanism in 19 Parts.

by Chris Shute

Pictures by Ed Veiga

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Just when you thought you'd had enough clocks, like mince pies and Christmas turkey, here's more. But don't worry, this is the diet version, using 5% less parts!

I managed to make a much lighter escape wheel, still with the necessary odd number of teeth for a foliot & verge mechanism. It uses 7 Spring clips held on to a Multi-Purpose Gear Wheel by a Rubber Ring. The smaller escape wheel was able to fit in a 1" x 3 1/2" Double Angle Strip, just able to accommodate an Elektrikit Square-Ended Rod, part 555, for the vertical pivot. This saved a few parts.

This version runs for longer than the previous clocks but sadly, not yet 24 hours. More like 16 hours. The vertical rod needs to be more vertical.!

The 19 parts used are 14a, 15b, 19c, 25b3p, 26, 26c, 27a, 27c, 27d, 27f, 29, 32, 47b, 52, 155, 146a, 318a, 555, and Non-Reversible Clockwork Motor.

Here's the link to the video:- www.

I've already thought of an improvement, having just put the camera away. That will have to wait!

