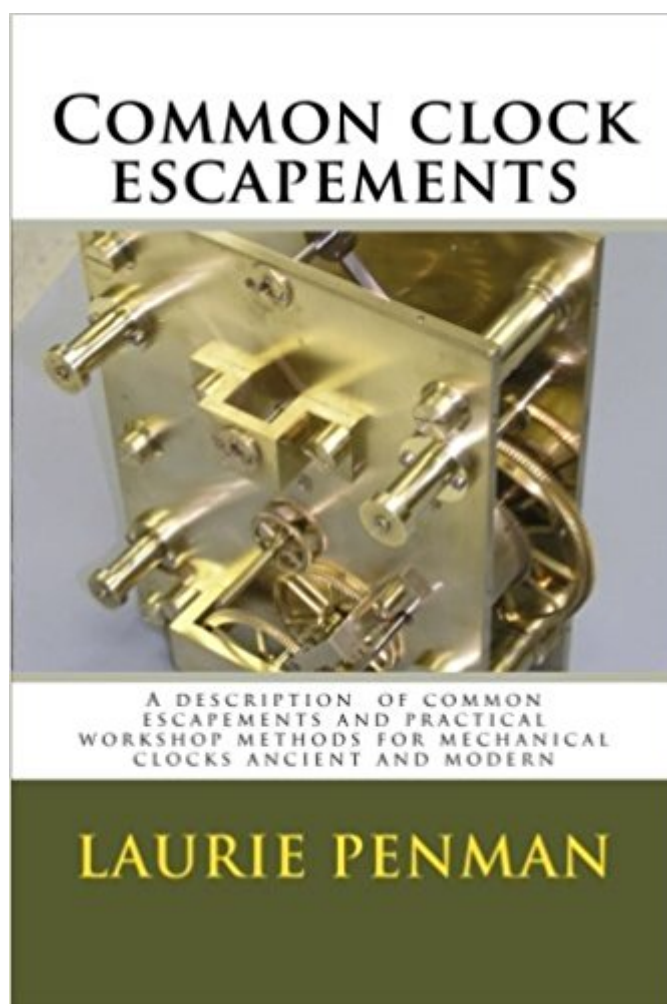


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# Common Clock Escapements: A Description Of Common Escapements And Practical Workshop Methods For Mechanical Clocks Ancient And Modern





## Synopsis

The “common escapements” are those that are found in the domestic clocks that are most frequently found in a clock repairer’s workshop. The average clock repairer is very rarely called upon to attend to a three legged gravity escapement or a “Graham grasshopper” (my earlier book “Practical clock escapements” deals with those). A book that deals with the design of the escapement only is very useful, but what a repairer really wants is a quiet word with the person who mauled the clock last and some useful information about what to do to repair or replace the sad result. This book describes what the escapement should look like, how it should operate and practical measures to achieve those aims. It also explains the effects that different proportions of the movement have on the design of the escapement and points out the errors that arise as a result of assuming that all escapements are “square”, ie. linking the pallet arbor centre to the tip of the tooth that is about to be touched by the pallet, from there to the wheel centre and from there to the tooth that has just been released, and back to the arbor centre again – it will trace out an approximate square. Most British authors appear to make this assumption, because long case and bracket clocks typically have square escapements, yet American and Continental clocks very frequently are anything but square. As a result repairers find themselves in difficulty when dealing with escapements that do not conform to the British pattern. My hope (and expectation) is that this book will make the life of the average repairer a little easier.

## Book Information

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## Customer Reviews

Hi,Laurie Penman has turned his engineering skills into a theoretical approach to clock making and repair - He always comes up with factual engineering approach to the problems in clock repair and clock making - all his books are worth collecting if you are interested in this artBrian Australia

Laurie Penman is a master of clock escapements. This book is well written,very informative, and will be very useful for anyoneinterested in clock movements. I also recommend his earlier book, "Practical Clock Escapements", as a companion book. Laurie has several clock repair books published all of which are very excellent.

Penman has written books and articles on clocks and machines for a long time. He writes well, has good theoretical knowledge and above all great practical experience. This book is a follow on to a prior book on escapements and adds some tips, nuances and advice relating to a very narrow subject, except maybe to clockmakers and repairers.

I have lots of respect for Penman but I was disappointed when my copy arrived and the quality of the diagrams was so bad as to make them worthless. I hope the book gets fixed and reprinted.

Great book here.....Got just what I was looking forThanks

I was horribly disappointed with this book. The printer made some dreadful mistakes when taking Laurie Penman's original graphics (which I know were absolutely wonderful and clear) and enlarging them for the book pages, the granularity was lost, they look very weak and for me its hard to reconcile Penman's expert writings with such poorly printed graphics.

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