

Bill Sattler

TYPEWRITER MECHANICAL TRAINING MANUAL

VOLUME 2 — PORTABLES

By
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It is the intent of this Manual to provide a guide to the mechanic to expedite the process of determining causes of troubles and their correction. Each individual mechanism has been divorced from the balance of the machine for the purpose of presenting an undiffused view of the parts involved. Directional arrows have been provided for ease in tracing movement of parts and actions.

Interpretation of Directional Arrows:

-  Indicates part or assembly moves in direction of Black Arrow returning in same action to starting position by reverse motion.
-  Indicates part or assembly rotates in one direction only as indicated by arrow.
-  Indicates part or assembly moves in direction of one Black Arrow (to a definite position of limit) remaining stationary until mechanical action reverses this position.
-  Indicates a Pivot or Fulcrum.

Reference is made to the following Forewords contained in Volume 1 of The Typewriter Mechanical Training Manual which apply to both standards, as well as Portables:

Paper Feed	Page 43
Ring and Cylinder	Page 37
Escapement Action	Page 73
Ribbon Feed	Page 89
Rack, Pinion and Starwheel	Page 66

Pitch: Each inch of writing line is broken into divisions for various widths of type. Regular Pica Type writes 10 characters to the inch and is referred to as 10-pitch, meaning 10 spaces or teeth to the inch. Pinions are manufactured to correspond to the Rack Teeth, i. e., a 10-pitch Rack requires a Pica 10-pitch Pinion; Pinion Pawl, Starwheel, Margin Rack and Stops, Margin Scales, Tabulator Rack and Scales and Back Space Pawl. The same condition applies to Elite 12-pitch, etc.

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