

# EVINRUDE

**SERVICE • REPAIR HANDBOOK**

**1.5 to 35 hp • 1965-1978**



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# CHAPTER ONE

## GENERAL INFORMATION

This service and repair handbook includes the latest service information for Evinrude 2-stroke outboard motors between 1.5 and 35 hp from 1965 through 1978.

### MANUAL ORGANIZATION

Chapters One through Ten provide information for all 1.5 through 33 hp models through 1975. The Supplement at the end of this handbook covers all 1976-1978, 2-35 hp models (the 35 hp model was introduced in 1976). To service any late model motor, use the specifications in the supplement along with the step-by-step procedures in the pertinent chapters in the front of this book.

All procedures are given in the most practical sequence. Complex and lengthy operations are described step-by-step and are thoroughly illustrated. Installation and assembly procedures are given where they differ from removal and disassembly procedures. Notice is given at the head of each subsection requiring the use of special tools, and alternate methods or tools are identified where substitutes are possible. Italic notes of caution or operation emphasis appear throughout the text to ensure safety and working efficiency.

Each of the chapters gives detailed instructions for disassembly, inspection, reassembly, and operating adjustments of the components. These procedures will help you service a specific system, or overhaul the engine.

The exploded views illustrate the correct sequence of all parts as well as a listing of the parts needed for replacement. These can be of considerable help as a reference during disassembly and reassembly.

U.S. standards are used throughout and are accompanied by metric equivalents in parentheses where such reference might have practical value.

In many cases, measurement and performance specification ranges for assemblies, sub-assemblies, and parts overlap from model to model. Where possible, single values are given in the procedures that satisfy the specifications for all models. Specification ranges are tabulated for each specific model in the appropriate chapter.

### MODELS

There are far too many models of Evinrude motors to list separate procedures for each. The various maintenance and overhaul functions are therefore referenced by engine horsepower output.

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