

This vintage marine outboard motor manual is 710 pages.

This manual provides maintenance and repair information for outboard motors 30 horsepower and above produced from 1969-1989. Designed for professional and experienced mechanics, Clymer ProSeries manuals provide hundreds of exploded views and illustrations to guide you through repairs and adjustment procedures.

A universal service section provides tips on periodic maintenance, troubleshooting and general repairs. This universal section contains specifications and step-by-step servicing procedures on models with less than 30 horsepower. Volume 1 gives the information for models with less than 30 horsepower.

## **FUNDAMENTALS SECTION:**

Operating principles / Engine types/ Fuel system / Ignition system / Cooling system / Drive unit fundamentals / Propeller / Gearcase and lower housing

## **SERVICE FUNDAMENTALS:**

Periodic servicing / Mid season / Off season / Pre season / Salt water care / Troubleshooting / General maintenance / Lubrication / Spark plugs / Carburetor / Speed control throttle linkage / Reed valves / Fuel pump / Ignition system / Cooling system / General repairs / Repairing damaged threads / Disassembly and assembly / Piston, rings and cylinder / Connecting rod, crankshaft and bearing / Submerged motor / Metric conversion chart

Clymer Manuals Chrysler Marine Manual  
Clymer Manuals Evinrude Marine Manual  
Clymer Manuals Force Marine Manual  
Clymer Manuals Johnson Marine Manual  
Clymer Manuals Mariner Marine Manual  
Clymer Manuals Mercury Marine Manual  
Clymer Manuals Sea King Marine Manual  
Clymer Manuals Suzuki Marine Manual  
Clymer Manuals Tohatsu Marine Manual  
Clymer Manuals Yamaha Marine Manual

## **MANUFACTURERS COVERED:**

Chrysler  
Evinrude  
Force  
Johnson  
Mariner  
Mercury  
Sea King  
Suzuki  
Tohatsu  
Yamaha