

INTRODUCTION

Johnson 4HP outboard motors are designed and built for dependable high performance. To assure continued peak operation, it is important that every Johnson owner be able to receive skilled and thorough service for his motor. Customer satisfaction and profitable service operation depend on service "know-how" and training.

Read this manual carefully so that you are familiar with the service procedures - then keep it readily available as a reference book in your service department.

Always remember, each service job is a chance for you to maintain motor performance that will keep your customer happy to be a Johnson owner.

ARRANGEMENT OF MANUAL

This Service Manual includes the specific information you will need to service Johnson 4HP motors. All general procedures are covered in abbreviated form, mostly by reference to procedural illustrations. The specific procedures which apply only, or primarily, to this motor are covered in fully-illustrated, detailed, step-by-step instructions.

The General Service Information section will help you diagnose a malfunctioning motor. It includes specifications, tune-up procedures, and a Trouble Check Chart. Clearances and torque values are also included for quick reference during servicing operations. Each of the following sections, Fuel System, Ignition System, Power Head, Lower Unit, and Manual Starter, gives detailed instructions for disassembly, inspection, reassembly, and operating adjustments of the components. These procedures will help you service a specific system, or completely overhaul the 4HP Models.

PARTS CATALOG

The Johnson 1973 Parts Catalog contains exploded views illustrating the correct sequence of all parts as well as a complete listing of the parts for replacement. This catalog can be of considerable help as a reference during disassembly and reassembly.

SERVICE POLICY

Whether within or following the warranty period, Johnson Motors has a constant interest in its products.

It is Johnson's policy to assist dealers in building up their service knowledge and facilities so that they can give prompt, efficient service. The Johnson Service School, frequent Service Bulletins, and this Service Manual represent tangible efforts to give Johnson owners the best and most prompt service possible. This Service Manual covers all phases of servicing 4HP motors. However, new situations

sometimes arise in servicing a motor. If a service question does not appear to be answered in this manual, you are invited to write to the Service Department for additional help. Always be sure to give complete information, including motor model number and serial number. Write to:

Johnson Motors, Plant 3
701 Pershing Rd.
Waukegan, Illinois 60085
Attention: Service Department

Be sure that you are familiar with the Johnson Warranty. If you have any questions, write the Johnson Service Department.

SPECIAL SERVICE TOOLS

Johnson has specially-designed tools to simplify some of the disassembly and reassembly operations. These tools are illustrated in this Service Manual, in many cases in actual use. Refer to the Johnson Special Service Tool Catalog for a description and ordering instructions for these tools.

OUTBOARD MOTOR NOMENCLATURE

Sometimes the words "right" and "left" are very confusing when referring to the sides of an outboard motor. Therefore, the sides are referred to as STARBOARD or PORT sides. STARBOARD means on the right hand while facing the bow (FRONT) of the boat; PORT means left hand. See Figures 1-1 and 1-2.

Service required for Johnson 4HP motors is generally one of three kinds

1. NORMAL CARE AND MAINTENANCE, which includes putting a new motor into operation, storing motors, lubrication, and care under special operating conditions such as salt water and cold weather.
2. OPERATING MALFUNCTIONS due to improper motor mounting, propeller condition or size, boat condition, or the malfunction of some part of the motor. This includes motor tune-up procedures to keep the motor in prime operating condition.
3. COMPLETE DISASSEMBLY and overhaul, such as inspecting a motor that has been submerged or rebuilding trade-in units.

It is important to you as the service man to determine before disassembly just what the trouble is, and how to correct it quickly and with minimum expense to the owner. This section of the manual is designed to help you diagnose motor malfunctions and correct them.

User Manual For Johnson 4hp Outboard Motor

Raffaela Di Napoli



User Manual For Johnson 4hp Outboard Motor:

AC Maintenance & Repair Manual for Outboard Motors Jean Luc Pallas, 2013-08-10 The aim of this book with its detailed step by step colour photographs and diagrams is to enable every owner to fix their outboard motor with ease Troubleshooting tables help diagnose potential problems and there is advice on regular maintenance and winterising and repair Jean Luc Pallas s enthusiasm for passing on his knowledge as well as his clear explanations precise advice and step by step instructions make this a unique book **Motorboating - ND** ,1935-01 **Outboard Motor Service Manual: Motors below 30 hp** ,1979 **Field & Stream** ,1978-12 FIELD STREAM America s largest outdoor sports magazine celebrates the outdoor experience with great stories compelling photography and sound advice while honoring the traditions hunters and fishermen have passed down for generations Popular Mechanics ,1962-11 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle **Handbook of Buying Issue** ,1971 **Field & Stream** ,1976-05 FIELD STREAM America s largest outdoor sports magazine celebrates the outdoor experience with great stories compelling photography and sound advice while honoring the traditions hunters and fishermen have passed down for generations **MotorBoating** ,1916-01 **MotorBoating** ,1934-07 **MotorBoating** ,1925-07 *Motorboating - ND* ,1928-01 **Field & Stream** ,1975-12 FIELD STREAM America s largest outdoor sports magazine celebrates the outdoor experience with great stories compelling photography and sound advice while honoring the traditions hunters and fishermen have passed down for generations Yachting ,1984-03 **MotorBoating** ,1969-01 *Popular Science* ,1969-10 Popular Science gives our readers the information and tools to improve their technology and their world The core belief that Popular Science and our readers share The future is going to be better and science and technology are the driving forces that will help make it better *Motorboating - ND* ,1937-01 MotorBoating ,1973-01 **Motorboating - ND** ,1935-01 *Popular Mechanics* ,1958-07 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle Motorboating - ND ,1928-01

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Table of Contents User Manual For Johnson 4hp Outboard Motor

1. Understanding the eBook User Manual For Johnson 4hp Outboard Motor
 - The Rise of Digital Reading User Manual For Johnson 4hp Outboard Motor
 - Advantages of eBooks Over Traditional Books
2. Identifying User Manual For Johnson 4hp Outboard Motor
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an User Manual For Johnson 4hp Outboard Motor
 - User-Friendly Interface
4. Exploring eBook Recommendations from User Manual For Johnson 4hp Outboard Motor
 - Personalized Recommendations
 - User Manual For Johnson 4hp Outboard Motor User Reviews and Ratings
 - User Manual For Johnson 4hp Outboard Motor and Bestseller Lists
5. Accessing User Manual For Johnson 4hp Outboard Motor Free and Paid eBooks

- User Manual For Johnson 4hp Outboard Motor Public Domain eBooks
 - User Manual For Johnson 4hp Outboard Motor eBook Subscription Services
 - User Manual For Johnson 4hp Outboard Motor Budget-Friendly Options
6. Navigating User Manual For Johnson 4hp Outboard Motor eBook Formats
 - ePub, PDF, MOBI, and More
 - User Manual For Johnson 4hp Outboard Motor Compatibility with Devices
 - User Manual For Johnson 4hp Outboard Motor Enhanced eBook Features
 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of User Manual For Johnson 4hp Outboard Motor
 - Highlighting and Note-Taking User Manual For Johnson 4hp Outboard Motor
 - Interactive Elements User Manual For Johnson 4hp Outboard Motor
 8. Staying Engaged with User Manual For Johnson 4hp Outboard Motor
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers User Manual For Johnson 4hp Outboard Motor
 9. Balancing eBooks and Physical Books User Manual For Johnson 4hp Outboard Motor
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection User Manual For Johnson 4hp Outboard Motor
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine User Manual For Johnson 4hp Outboard Motor
 - Setting Reading Goals User Manual For Johnson 4hp Outboard Motor
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of User Manual For Johnson 4hp Outboard Motor
 - Fact-Checking eBook Content of User Manual For Johnson 4hp Outboard Motor
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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