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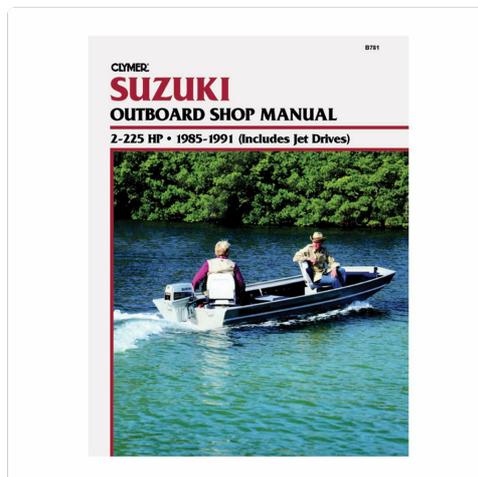
### Suzuki DT 2-225 HP (1985-1991)

# Suzuki Outboard Shop Manual: 2-225 HP (1985-1991) - Comprehensive Repair and Maintenance Guide

This manual provides detailed instructions for servicing Suzuki Outboard engines.

## INTRODUCTION

This shop manual is an essential resource for owners and mechanics performing maintenance, repair, and overhaul procedures on Suzuki Outboard engines manufactured between 1985 and 1991. It covers a wide range of models, from 2 horsepower up to 225 horsepower, including specific guidance for jet drive systems. The manual is designed to provide clear, step-by-step instructions to ensure proper servicing and extend the life of your outboard motor.



*Image: Front cover of the Suzuki Outboard Shop Manual, displaying the title and applicable years.*

## GETTING STARTED WITH YOUR MANUAL

To effectively utilize this manual, begin by familiarizing yourself with its layout. Chapters are typically organized by system (e.g., engine, fuel system, electrical system). Use the index to quickly locate specific topics or procedures. Always read through an entire procedure before beginning any work to understand the steps involved and gather necessary tools and parts.

- **Safety First:** Always observe all safety precautions mentioned in the manual and general workshop safety practices.
- **Tool Identification:** Ensure you have the correct tools for each task. Specialized tools may be required for certain

procedures.

- **Cleanliness:** Maintain a clean work environment to prevent contamination of engine components.

## OPERATING AND REPAIR PROCEDURES

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This manual details various operational checks and repair procedures. Each section provides step-by-step instructions, often accompanied by diagrams and illustrations to guide you through complex tasks. Procedures covered include, but are not limited to, engine tune-ups, carburetor adjustments, ignition system checks, cooling system maintenance, and lower unit servicing.

When performing any procedure, pay close attention to torque specifications for fasteners and proper assembly sequences. Incorrect assembly or overtightening can lead to damage or premature component failure.

## MAINTENANCE SCHEDULE AND TASKS

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Regular maintenance is crucial for the longevity and reliable performance of your Suzuki outboard. This manual outlines recommended maintenance schedules and provides instructions for routine tasks such as:

- Oil changes (engine and gearcase)
- Spark plug inspection and replacement
- Fuel filter servicing
- Water pump impeller inspection and replacement
- Lubrication of moving parts
- Battery maintenance

Adhering to the recommended maintenance intervals will help prevent major issues and ensure optimal engine operation.

## TROUBLESHOOTING COMMON ISSUES

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A dedicated troubleshooting section assists in diagnosing common problems. It typically presents symptoms (e.g., engine won't start, poor performance, overheating) and guides you through a logical diagnostic process to identify the root cause. This section is invaluable for quickly resolving issues and minimizing downtime.

Always start with the simplest checks and proceed systematically. For example, if the engine won't start, check fuel supply, spark, and compression before delving into more complex electrical or mechanical issues.

## ENGINE MODELS COVERED AND SPECIFICATIONS

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This manual specifically covers Suzuki Outboard models from 1985 to 1991, including the following engine series:

- DT 2, DT 4, DT 6, DT 8, DT 8 SAIL
- DT 9.9, DT 9.9 SAIL, DT 15, DT 20, DT 25
- DT 30, DT 35, DT 40, DT 55, DT 65
- DT 75, DT 85, DT 90, DT 100, DT 100 SUPER FOUR
- DT 115, DT 140, DT 150, DT 150 SUPER SIX
- DT 175, DT 200, DT 200 EXANTE, DT 225

Key specifications for these models, such as engine displacement, bore and stroke, ignition timing, and recommended lubricants, are provided within the relevant sections of the manual to aid in accurate servicing.

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## SUPPORT AND FURTHER INFORMATION

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For specific inquiries regarding the content of this manual or for technical support beyond the scope of this publication, it is recommended to consult with a certified Suzuki marine technician or contact the publisher, Haynes Manuals N. America, Inc., directly. Always refer to the latest service bulletins and updates from Suzuki for the most current information.

Additional resources may include official Suzuki service centers or authorized dealers who can provide expert assistance and genuine replacement parts.



This manual is intended for informational and instructional purposes only. Always exercise caution and follow safety guidelines when performing maintenance or repairs.