Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

SouthMarine 35370-ZZ5-D02

SouthMarine Power Trim Tilt Switch User Manual

Model: 35370-ZZ5-D02

Introduction

This manual provides essential information for the installation, operation, and maintenance of your SouthMarine Power Trim Tilt Switch, model 35370-ZZ5-D02. This switch is designed for use with Honda Outboard Side Remote Control Box models, specifically those compatible with OEM part number 35370-ZZ5-D02 and control box part number 24800-ZZ5-A02 or 24800-ZZ5-A22. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Safety Information

Always observe the following safety precautions:

- Disconnect the boat's battery before performing any electrical work to prevent accidental starting or electrical shock.
- Ensure all connections are secure and properly insulated to prevent short circuits and corrosion.
- Do not operate the trim/tilt system with body parts near moving components.
- If you are unsure about any installation step, consult a qualified marine technician.
- Keep the switch and wiring free from water and excessive moisture to prevent damage.

Package Contents

Verify that your package contains the following items:

- 1 x SouthMarine Power Trim Tilt Switch (Model 35370-ZZ5-D02)

Note: Additional tools or components required for installation (e.g., screwdrivers, wire crimpers, sealant) are not included.

Product Overview

The SouthMarine Power Trim Tilt Switch is a push-button type switch designed for remote control of your outboard motor's trim and tilt functions. It features "UP" and "DOWN" positions for precise motor adjustment.



Figure 1: Overall view of the SouthMarine Power Trim Tilt Switch with its integrated wiring harness and spade connectors.



Figure 2: Detail of the switch body showing the "UP" and "DN" (Down) labels for motor control.

Installation Instructions

This switch is a direct replacement for Honda Outboard Side Remote Control Box models requiring OEM part number 35370-ZZ5-D02. It is designed for panel mounting and utilizes spade terminals for electrical connections.

1. **Preparation:** Ensure the boat's battery is disconnected. Locate the existing trim/tilt switch on your Honda Outboard Side Remote Control Box (part number 24800-ZZ5-A02 or 24800-ZZ5-A22).
2. **Removal of Old Switch:** Carefully disconnect the wiring from the old switch, noting the color and position of each wire. Remove the old switch from its panel mounting.
3. **Wiring Connection:** Connect the spade terminals of the new SouthMarine switch to the corresponding wires from your control box. Ensure a secure and correct connection for each wire. The connector type is Clamp.

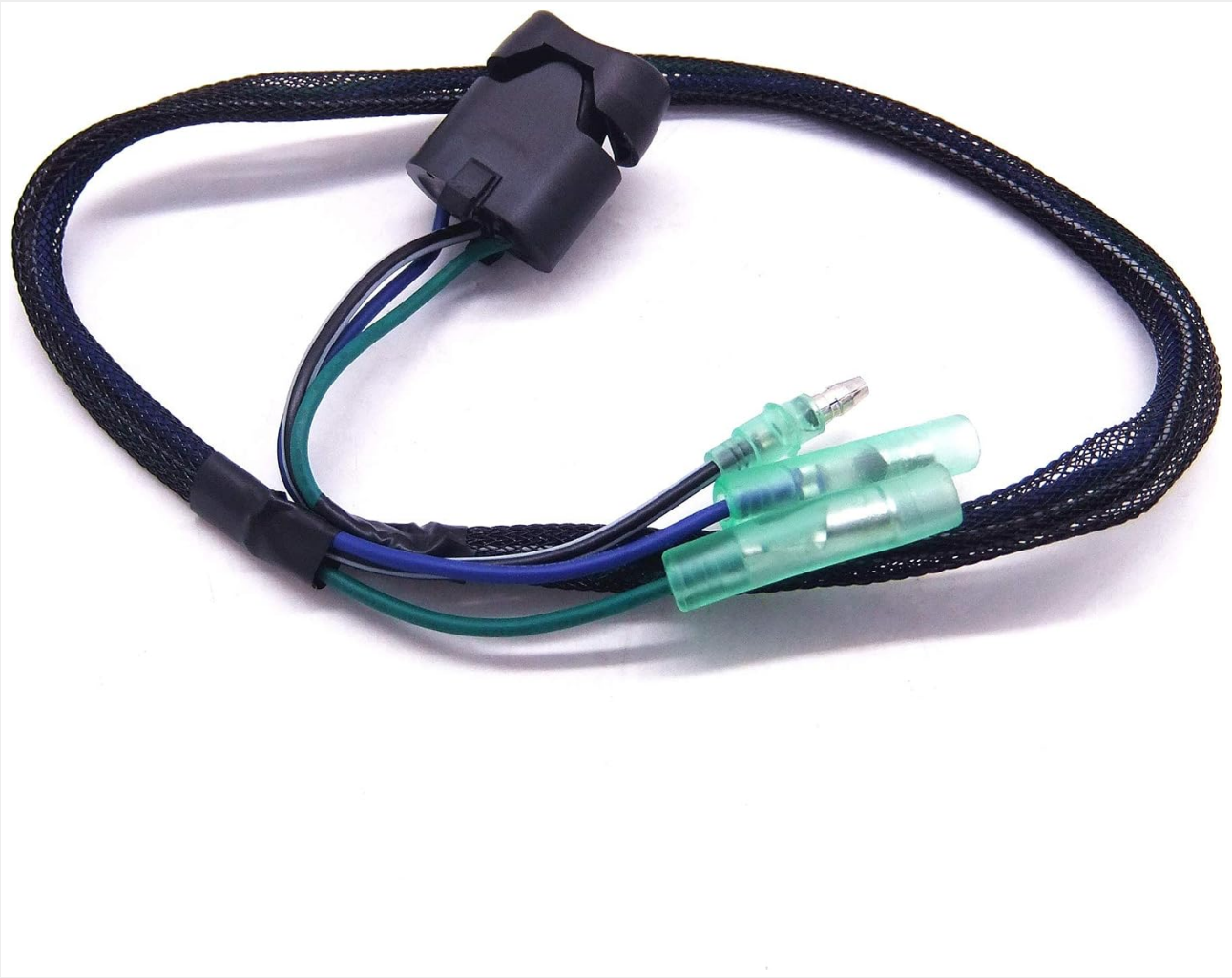


Figure 3: Close-up view of the spade terminals and wiring, ready for connection.

4. **Mounting the New Switch:** Insert the new switch into the panel opening. Secure it in place according to the control box design.
5. **Final Check:** Double-check all wiring connections for security and proper insulation. Reconnect the boat's battery.

If you are unsure about compatibility or installation, please provide your engine serial number to a qualified technician for assistance.

Operating Instructions

The Power Trim Tilt Switch operates as a simple ON-OFF push-button control for your outboard motor's trim and tilt functions.

- **To Trim/Tilt Up:** Press and hold the "UP" button on the switch. The motor will move upwards. Release the button when the desired position is reached.
- **To Trim/Tilt Down:** Press and hold the "DN" button on the switch. The motor will move downwards. Release the button when the desired position is reached.

Always ensure the area around the propeller and motor is clear before operating the trim/tilt function.

Maintenance

Regular maintenance helps ensure the longevity and reliable operation of your trim tilt switch.

- **Inspection:** Periodically inspect the switch and its wiring for any signs of wear, corrosion, or damage.

- **Cleaning:** Keep the switch free from dirt, salt spray, and debris. Use a soft, damp cloth to clean the exterior. Avoid using harsh chemicals.
- **Connections:** Ensure all electrical connections remain tight and free of corrosion. Apply marine-grade dielectric grease to terminals if operating in harsh marine environments.

Troubleshooting

If you encounter issues with your trim tilt switch, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Switch does not respond.	No power to the control box; loose or corroded wiring; faulty switch.	Check battery connections and fuses. Inspect all wiring connections for tightness and corrosion. Test the switch with a multimeter if possible.
Motor only trims in one direction.	Faulty switch contact for one direction; wiring issue.	Inspect wiring for the non-functional direction. The switch itself may be faulty and require replacement.
Intermittent operation.	Loose connections; corrosion; internal switch fault.	Check and clean all electrical connections. Ensure wires are not frayed. If issues persist, the switch may need replacement.

For persistent issues, it is recommended to consult a professional marine technician.

Specifications

Feature	Detail
Model Number	35370-ZZ5-D02
Brand	SouthMarine
Compatibility	Honda Outboard Side Remote Control Box (OEM 24800-ZZ5-A02, 24800-ZZ5-A22)
Operation Mode	ON-OFF
Contact Type	Normally Open
Connector Type	Clamp
Switch Type	Tilt Switch
Terminal Type	Spade
Circuit Type	1-way
Mounting Type	Panel Mount
Actuator Type	Push Button
Number of Positions	2 (Up/Down)
Control Method	Remote

Feature	Detail
Contact Material	Copper
Item Weight	0.1 Pounds (approx. 45.36 g)
Parcel Dimensions	10.5 x 8.9 x 1.5 cm

Warranty and Support

For warranty information or technical support regarding your SouthMarine Power Trim Tilt Switch, please refer to the retailer where the product was purchased or visit the official SouthMarine website. Keep your purchase receipt as proof of purchase.

Manufacturer: SouthMarine

ASIN: B07JH16PBH

© 2026 SouthMarine. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07JH16PBH

More documents and user manuals: **https://manuals.plus/**