

HASWING CAYMAN 50700

HASWING Cayman 50700-137B Electric Trolling Motor Instruction Manual

Model: CAYMAN 50700-137B | Brand: HASWING

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your HASWING Cayman 50700-137B Electric Trolling Motor. Designed for both saltwater and freshwater use, this 12V, 55LB thrust motor features a 54-inch shaft and comes with a remote control for versatile navigation. Please read this manual thoroughly before installation and use.



Figure 1.1: HASWING Cayman 50700-137B Electric Trolling Motor with Remote Control.

2. SETUP AND INSTALLATION

2.1. Unboxing and Component Check

Carefully unpack all components and verify against the packing list. Ensure all parts are present and undamaged before proceeding with installation.

2.2. Mounting the Trolling Motor

The Cayman 50700-137B is a bow-mount trolling motor. Securely attach the motor to the bow of your boat using appropriate hardware. Ensure the mounting surface is strong enough to support the motor's weight and thrust.



Figure 2.1: Detail of the bow mount mechanism.

For a detailed visual guide on installation, refer to the video below:

Video 2.1: Installation guide for the AQUOS Haswing bow mount trolling motor. This video demonstrates the process of securely attaching the trolling motor to the boat's bow.

2.3. Battery Connection

Connect the motor to a 12V deep cycle battery (1x 105AH recommended). Ensure correct polarity: red to positive (+), black to negative (-). Use appropriate marine-grade connectors and ensure all connections are tight and secure.



Figure 2.2: Control panel showing the LED power display for battery status.

2.4. Propeller Installation

Install the three-blade propeller onto the motor shaft. Align the drive pin with the shaft hole and the cross-shaped groove of the propeller. Secure it with the provided stainless steel washer and nut. Tighten the nut firmly, but do not overtighten to avoid damage.

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Figure 2.3: The three-blade propeller.

2.5. Remote Control Pairing

To pair the 2.4G wireless remote control with the motor:

1. Ensure the motor is connected to the battery and the shaft is vertical.
2. Press and hold the 'Turtle' (speed down) button on the remote and the 'Magnifying Glass' button on the motor's control panel simultaneously for 5 seconds.
3. You will hear three beeps, indicating a successful connection. Release both buttons.

Wireless Remote Controller

Included!



Figure 2.4: The 2.4G wireless remote control with labeled buttons.

For a visual demonstration of the pairing process, watch this video:

Video 2.2: Instructions for pairing the 2.4G remote control to the trolling motor.

3. OPERATING INSTRUCTIONS

3.1. Remote Control Functions

The wireless remote control allows for precise command of your trolling motor:

- **Power ON/OFF:** Press the designated button to activate or deactivate the motor.
- **Speed Control:** Use the 'Speed Up' and 'Speed Down' buttons for variable speed adjustments.
- **Steering:** Utilize the 'Turn Left' and 'Turn Right' buttons for directional control. The motor offers 360-degree

electric steering.

- **Full Speed:** A dedicated button provides instant maximum thrust.
- **Reboot Key:** Use this button to reset the remote connection if needed.

3.2. Depth Adjustment

The motor features an adjustable depth collar on the cast aluminum alloy shaft. Loosen the collar, adjust the motor to the desired depth, and then securely tighten the collar to prevent movement during operation.

3.3. Stow and Deploy

To deploy the motor, release the latch and carefully lower the motor into the water. To stow, lift the motor out of the water and secure it in the stowed position using the lift handle and latch mechanism.

4. MAINTENANCE

4.1. Propeller Care

Regularly inspect the propeller for weeds, fishing line, or damage. Clean the propeller after each use, especially in weedy areas. Replace damaged propellers immediately to maintain efficiency and prevent further motor damage.

4.2. Shaft and Motor Housing

After each use, especially in saltwater, rinse the shaft and motor housing with fresh water to remove salt and debris. Inspect for any signs of corrosion or wear. Apply a marine-grade protective spray if necessary.

4.3. Battery Maintenance

Ensure your 12V deep cycle battery is properly charged before each outing. Store the battery in a cool, dry place when not in use and keep terminals clean and free of corrosion.

5. TROUBLESHOOTING

- **Motor Not Responding:** Check battery connections, ensure the remote is paired, and verify the battery charge level.
- **Remote Not Pairing:** Repeat the pairing procedure (Section 2.5). Ensure the remote battery is functional.
- **Reduced Power/Performance:** Inspect the propeller for obstructions or damage. Check battery voltage and connections.
- **Unusual Noise:** Immediately stop the motor and inspect the propeller and shaft for any foreign objects or damage.

6. SPECIFICATIONS


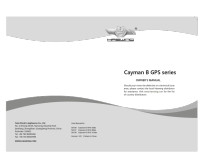
Feature	Specification
Model	CAYMAN 50700
Power of Thrust	55 lbs
Max Voltage	DC 12V
Power - Max	600W



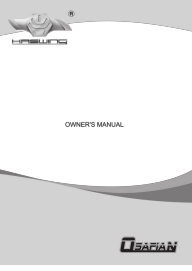
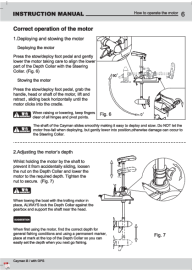
Amp - Max	50A
Depth Adjustment	Depth Collar
Prop Type/Size	3-blade prop / 9.3 inch diameter
Prop Speed at Full Power	Max. 1250rpm underwater
Battery Type Required	1x 105AH Deep Cycle Battery
Steering	360 Degree Control
Decibel Level (db)	<50db
Weight (N.W.)	17.5kg / 38.6lb
Shaft Type	Cast Aluminum
Shaft Length	54 inches / 1370mm
Max Boat Length & Load	5.5m / 18ft
Material	Aluminum
Color	Black

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please contact HASWING customer service directly. Refer to the product packaging or the official HASWING website for the most current contact details.

Related Documents - CAYMAN 50700

	<p>Haswing Cayman B Trolling Motor Owner's Manual</p> <p>Owner's manual for the Haswing Cayman B Trolling Motor with GPS, including FCC compliance information and troubleshooting tips.</p>
	<p>Haswing Cayman B GPS Series Electric Trolling Motor Owner's Manual</p> <p>Comprehensive owner's manual for the Haswing Cayman B GPS series electric trolling motors (55lbs, 80lbs, 101lbs). Covers product features, installation, operation, battery connection, remote control functions, charging, battery status, and troubleshooting.</p>

	<p>Haswing Cayman B Electric Outboard Motor - Quick Release Bracket Configuration and User Manual</p> <p>User manual and configuration details for the Haswing Cayman B electric outboard motor, covering quick release bracket configurations, installation, operation, maintenance, and safety. Includes model numbers and company information from Yatai Electric Appliances.</p>
	<p>Haswing Cayman Electric Trolling Motor User Manual</p> <p>Comprehensive user and maintenance manual for the Haswing Cayman electric trolling motors, including models B 55 GPS, T 55, and B 80. Covers installation, operation, troubleshooting, specifications, and warranty information.</p>
	<p>Haswing Trolling Motor Owner's Manual</p> <p>This owner's manual provides comprehensive information on the installation, operation, and maintenance of Haswing electric trolling motors. It includes product features, troubleshooting tips, and maintenance guidelines.</p>
	<p>Haswing 50806 Remote Control Instruction Manual for Cayman Trolling Motors</p> <p>This manual provides instructions for the correct operation of the Haswing 50806 remote control for Cayman trolling motors, covering deployment, stowing, depth adjustment, and remote pairing.</p>