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## HASWING W40-GPS

# HASWING W40-GPS Electric Trolling Motor User Manual

Model: W40-GPS | Part Number: 54707

## INTRODUCTION

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This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your HASWING W40-GPS Electric Trolling Motor. Designed for fishing kayaks, this motor features a GPS spot-lock function, wireless remote control, and a powerful 12V brushless motor suitable for both saltwater and freshwater environments. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



Figure 1: Overview of the HASWING W40-GPS Electric Trolling Motor.

## PRODUCT COMPONENTS

The HASWING W40-GPS Trolling Motor package includes the following main components:

- W40-GPS Trolling Motor Unit
- Wireless Remote Controller (2.4 GHz)
- Emergency Magnetic Kill Switch
- Shafts for International Standard Kayaks (12mm x2)
- Shafts for British Standard Kayaks (1/2 inch x2)
- User Manual (this document)

MODEL

# W40-GPS

## 54707

12V-40Lbs



Included!

50811

NEW!



Wireless Remote Controller

## SPECIFICATIONS

MODEL:

**54707**

Shaft Power:

40Lbs

Comparable Petrol Outboards (Thrust):

1HP

Power of thrust:

40Lbs

Max Voltage:

DC 12V

Power - Max:

600W

Amp - Max:

50A

Depth Adjustment:

Not Applicable

Prop Type:

2-blade prop / 7.6 inch diam

Prop Speed at Full Power:

Max. 1500 rpm underwater

Battery Type Required:

1 x 105AH deep cycle

Steering:

360 degree control

Decibel Level (db):

≤55db

Weight (N.W.):

6.2kg

Colour:

Black

Max Boat Length (Suggestion):

5m



Figure 2: Detailed diagram showing key components such as the Magnetic Kill Switch, Adjustment Knob, Propeller Alignment Lever, Detent Axis, DD Brushless Motor, and Wireless Remote Controller.



Figure 3: Illustration of the real-time voltage display and the two sets of included shafts for different kayak standards.

## SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all listed parts are present.
2. **Shaft Selection:** Select the appropriate shafts (12mm for International standard or 1/2 inch for British standard) for your kayak hull.
3. **Motor Mounting:**
  - Ensure the propeller alignment lever is pressed down to align the propeller blades vertically. This allows the motor to be inserted into the kayak scupper.
  - Insert the motor into the designated scupper hole on your kayak.
  - Secure the motor firmly using the provided mounting hardware.

4. **Battery Connection:** Connect the motor to a 12V deep cycle battery (1 x 105AH recommended). Ensure correct polarity: red to positive (+), black to negative (-).
5. **Emergency Kill Switch:** Attach the emergency magnetic kill switch to the motor and yourself or your kayak. This switch is a critical safety feature that immediately cuts power to the motor if disconnected.
6. **Remote Control Pairing:** Refer to the separate remote control manual for initial pairing instructions, if necessary. The remote operates on 2.4 GHz.



## W40 - GPS

Trolling Motor for Kayaks

54707 12V - 40Lbs

Included!

50811

**NEW!**



Wireless Remote Controller



Figure 4: The W40-GPS Trolling Motor correctly installed on a kayak, ready for operation.

## OPERATING INSTRUCTIONS

### Before Operation:



- Ensure the emergency magnetic kill switch is properly engaged.
- Verify battery charge level using the digital battery status display on the motor.
- Pull the propeller alignment lever up before starting the motor to allow the propeller to spin freely.

## Using the Wireless Remote Control:

The wireless remote control provides multi-directional movement and speed adjustments. Familiarize yourself with the remote's buttons and functions before launching.

- **Power On/Off:** Use the designated button to activate or deactivate the motor.
- **Speed Control:** Adjust motor thrust using the speed control buttons or dial. The motor offers variable speed for precise control.
- **Steering:** Navigate your kayak using the directional controls on the remote. The motor provides 360-degree steering control.

## GPS Smart Navigation System:

The integrated GPS module offers advanced navigation features:

- **Spot-Lock (Anchor) Function:** Activates GPS to maintain your kayak's position against current and wind, allowing you to focus on fishing without drifting.
- **Record Routes:** Save your preferred fishing paths for future use.
- **GPS Navigation:** Follow pre-recorded routes or navigate to specific waypoints.
- **Cruise Control:** Maintain a consistent speed for extended periods.
- **Heading Lock:** Keep the motor pointed in a specific direction, regardless of kayak movement.

## GPS SMART NAVIGATION SYSTEM



1. Record Routes
2. GPS Navigation
3. Anchor
4. Cruise Control
5. Heading Lock

## PROPELLER ALIGNMENT LEVER



Press the lever down to align blades to vertical position, then insert motor to kayak scupper. Pull the lever up before starting the motor or lever will prevent propeller from spinning.

Figure 5: Explanation of GPS functions including Record Routes, GPS Navigation, Anchor, Cruise Control, and Heading Lock, alongside the propeller alignment mechanism.

## MAINTENANCE

### • After Each Use:

- Rinse the motor thoroughly with fresh water, especially after saltwater use, to prevent corrosion.
- Inspect the propeller for any fishing line, weeds, or debris. Remove carefully if present.
- Check all connections for tightness and signs of wear.

### • Battery Care:

- Always disconnect the battery when the motor is not in use or during transport.
- Charge the battery fully after each use and before long-term storage.
- Store the battery in a cool, dry place.



- **General Inspection:** Periodically check the motor housing, shaft, and mounting hardware for any damage or loose components.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor does not start	<ul style="list-style-type: none"><li>• Kill switch disengaged</li><li>• Low or dead battery</li><li>• Loose battery connections</li><li>• Propeller alignment lever down</li></ul>	<ul style="list-style-type: none"><li>• Engage the magnetic kill switch</li><li>• Charge or replace battery</li><li>• Tighten battery terminals</li><li>• Pull propeller alignment lever up</li></ul>
Reduced thrust or unusual noise	<ul style="list-style-type: none"><li>• Propeller fouled with debris</li><li>• Damaged propeller</li><li>• Low battery voltage</li></ul>	<ul style="list-style-type: none"><li>• Inspect and clean propeller</li><li>• Replace propeller if damaged</li><li>• Charge battery</li></ul>
Remote control not responding	<ul style="list-style-type: none"><li>• Remote battery low or dead</li><li>• Remote not paired</li><li>• Interference</li></ul>	<ul style="list-style-type: none"><li>• Replace remote batteries</li><li>• Re-pair remote control (refer to remote manual)</li><li>• Move away from sources of strong electromagnetic interference</li></ul>

## SPECIFICATIONS

Feature	Detail
Model	W40-GPS
Part Number	54707-W40-GPS
Brand	HASWING (Manufactured by Haswing, Brand PARKHO)
Engine Type	Electric, Brushless
Voltage	12 Volts (DC)
Shaft Power	40 lbs
Power (Max)	600W
Amp (Max)	50A
Prop Type	2-blade prop / 7.6 inch diameter
Prop Speed at Full Power	Max. 1500 rpm underwater
Battery Type Required	1 x 105AH deep cycle
Steering	360 degree control
Decibel Level (db)	< 55db

Feature	Detail
Weight (N.W.)	6.2kg
Color	Black
Max Boat Length (Suggestion)	5m
Mounting Type	Bow Mount
Compatibility	International and British-standard kayak hulls; Saltwater and Freshwater use

## WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official HASWING website. The standard return policy is 30 days for refund/replacement.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact HASWING customer service. Contact details can typically be found on the manufacturer's website or your purchase receipt.





**Online Resources:**

- [Visit the PARKHO Store on Amazon](#)
- Refer to the manufacturer's official website for the most up-to-date information and support.



**Related Documents - W40-GPS**

	<a href="#">Haswing W40-GPS Electric Trolling Motor Owner's Manual</a> Comprehensive owner's manual for the Haswing W40-GPS electric trolling motor, covering installation, operation, maintenance, troubleshooting, and specifications. Features GPS functionality for precise navigation and control.
	<a href="#">Haswing W40-GPS Electric Outboard Motor Owner's Manual</a> Comprehensive owner's manual for the Haswing W40-GPS electric outboard motor, covering installation, operation, maintenance, troubleshooting, and specifications. Features detailed instructions and diagrams for safe and effective use.

	<p><a href="#">Haswing Cayman B GPS Series Electric Trolling Motor Owner's Manual</a></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><a href="#">Haswing Cayman B Trolling Motor Owner's Manual</a></p> <p>Owner's manual for the Haswing Cayman B Trolling Motor with GPS, including FCC compliance information and troubleshooting tips.</p>
	<p><a href="#">Haswing Cayman Electric Trolling Motor User Manual</a></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><a href="#">Haswing Trolling Motor Owner's Manual</a></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>