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Watersnake 55064

Watersnake Shadow Bow Mount Trolling Motor User Manual

Model: 55064 (44lb/48in), 55065 (54lb/48in), 55066 (54lb/54in)

1. INTRODUCTION AND OVERVIEW

The Watersnake Shadow Bow Mount Trolling Motor is designed for serious anglers seeking reliable and precise boat control in freshwater environments. This durable electric trolling motor offers exceptional maneuverability and quiet operation, allowing you to position your boat exactly where you need it for optimal fishing. Its robust construction and user-friendly foot control make it an essential tool for any fishing adventure.

Video 1.1: Watersnake Brand Overview. This video provides a general introduction to the Watersnake brand and its commitment to quality fishing motors.

2. PRODUCT FEATURES

The Watersnake Shadow Trolling Motor is engineered with features to enhance your fishing experience:

- **Variable Speed Foot Control:** Offers precise control over direction and speed with an easy-to-operate foot pedal.
- **Corrosion-Free Construction:** All models feature stainless steel propeller shafts, propellers, and corrosion-free composite shafts designed to flex on impact, ensuring longevity in freshwater.
- **Weedless Propeller Design:** The 3-blade propeller is specifically designed to cut through heavy underwater grasses and marsh quietly.
- **Integrated Cut-Off Switch:** Automatically engages when the motor is placed in the stow position for safety and convenience.
- **Potted Circuit Board:** Fully sealed and waterproofed for maximum protection against the elements.



Adjustable Height Colar

Composite
Bow Mount
Bracket

Directional Lock

Electronic Foot Control
Variable Speeds

Fitted with a Power
Cut-Off Switch

Alloy Inner/Composite Outer
Shaft

Weedless 3-Blade Propeller

Stainless Steel Propeller Shaft



Figure 2.1: Key components of the Watersnake Shadow Trolling Motor, including the adjustable height collar, composite bow mount bracket, directional lock, electronic foot control, alloy inner/composite outer shaft, weedless 3-blade propeller, and stainless steel propeller shaft.

3. SETUP & INSTALLATION

Proper installation is crucial for optimal performance and safety. Please follow these guidelines:

1. **Mounting Location:** Install the bow mount bracket securely on the bow of your boat. Ensure the mounting surface is flat and strong enough to support the motor's weight and thrust.
2. **Electrical Connection:** The motor operates on 12-volts of power. Connect the motor to a suitable 12V deep cycle marine battery (not included). Ensure all electrical connections are clean, tight, and properly insulated to prevent corrosion and short circuits.
3. **Foot Control Connection:** Connect the electronic foot control pedal to the motor. Ensure the connection is secure.
4. **Shaft Adjustment:** Adjust the shaft length using the adjustable height collar to ensure the propeller is submerged at the appropriate depth for your fishing conditions.
5. **Stow Position:** Familiarize yourself with the stow and deploy mechanism. The motor should be securely stowed when not in use or during transport.



Figure 3.1: All main components of the Watersnake Shadow Trolling Motor laid out, showing the motor unit, shaft, foot control pedal, and the inline cut-off switch, ready for assembly and installation.

4. OPERATING INSTRUCTIONS

Operating your Watersnake Shadow Trolling Motor is intuitive with its foot control system:

- **Power On/Off:** Ensure the motor is deployed and fully submerged. The motor is activated via the foot control.
- **Speed Control:** Use the variable speed dial on the foot pedal to adjust the motor's thrust from slow to fast.
- **Directional Control:** Press the left (L) or right (R) buttons on the foot pedal to steer the boat.
- **Momentary/Continuous Operation:** The foot pedal allows for both momentary (press and hold) and continuous (latch) operation, depending on the specific model and button configuration.
- **Stow Cut-Off:** When the motor is lifted into the stow position, the integrated cut-off switch will automatically disengage power to the propeller, preventing accidental activation.

Video 4.1: Watersnake Shadow Bow Mount Foot Control Trolling Motor in action. This video demonstrates the features and operation of the Shadow series, including the foot control and weedless propeller.



Figure 4.2: Detailed view of the electronic foot control pedal, highlighting the variable speed dial and directional control buttons (L and R) for precise maneuverability.

5. MAINTENANCE

Regular maintenance will ensure the longevity and performance of your trolling motor:

- **Cleaning:** After each use, rinse the motor and shaft with fresh water to remove any salt, dirt, or debris. Wipe down the foot control and motor head.
- **Propeller Inspection:** Periodically check the propeller for fishing line, weeds, or other debris that may be wrapped around the shaft or blades. Remove any obstructions to prevent damage to the motor.
- **Electrical Connections:** Inspect all electrical connections for corrosion or looseness. Clean and tighten as necessary. Apply a marine-grade dielectric grease to terminals for added protection.

- **Shaft and Mount:** Check the composite shaft for any signs of damage or stress. Ensure the bow mount bracket is securely fastened to the boat.
- **Storage:** When storing the motor for extended periods, ensure it is clean, dry, and stored in a cool, dry place. Disconnect the battery.

6. TROUBLESHOOTING

If you encounter issues with your Watersnake Shadow Trolling Motor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Motor not running	Low or dead battery; Loose electrical connections; Blown fuse/circuit breaker; Motor not fully deployed.	Check battery charge; Inspect and tighten all connections; Check and replace fuse/reset breaker; Ensure motor is fully lowered and locked.
Reduced thrust/speed	Low battery charge; Propeller fouled with weeds/line; Damaged propeller; Motor operating in shallow water.	Recharge battery; Clear propeller of debris; Inspect and replace damaged propeller; Operate in deeper water.
Foot pedal buttons sticking	Debris under buttons; Casing too tight.	Clean around buttons; If persistent, consult a qualified technician or contact support. (Note: Some users have reported success by slightly loosening casing screws, but this may void warranty).
Motor makes unusual noise	Propeller hitting debris; Loose propeller nut; Motor head/shaft damage.	Check for obstructions; Tighten propeller nut; Inspect motor for physical damage.

If problems persist after attempting these solutions, please contact Watersnake customer support or an authorized service center.

7. SPECIFICATIONS

Detailed specifications for the Watersnake Shadow Bow Mount Trolling Motor:

Feature	Description
Brand	Watersnake
Model Numbers	55064, 55065, 55066
Engine Type	Electric
Operation Mode	Electric Foot Control
Voltage	12 Volts

Feature	Description
Thrust Options	44 lbs (Model 55064), 54 lbs (Models 55065, 55066)
Shaft Length Options	48 inches (Models 55064, 55065), 54 inches (Model 55066)
Shaft Material	Composite (Corrosion-Resistant)
Propeller	3-Blade Weedless Design
Mounting Type	Bow Mount
Recommended Use	Fresh Water
Color	Black
Manufacturer	Watersnake

			
	55064 Motor Watersnake Shadow FWDR44/48 Bow Mount	55065 Motor Watersnake Shadow FWDR54/48 Bow Mount	55066 Motor Watersnake Shadow FWDR54/54 Bow Mount
Estimated Vessel Size	14-16'	14-17'	14-17'
Thrust	44lb	54lb	54lb
Vessel Mount Type	Bow	Bow	Bow
Bracket Type	Composite Bow Bracket	Composite Bow Bracket	Composite Bow Bracket
Total Shaft Length	48 Inches	48 Inches	54 Inches
Speeds	Variable	Variable	Variable
Compatability	Freshwater	Freshwater	Freshwater
Battery Requirement	One 12v Deep Cycle 86 Ah Marine Battery	One 12v Deep Cycle 105 Ah Marine Battery	One 12v Deep Cycle 105 Ah Marine Battery
Battery Meter			

Runtime On App. Battery - Low Speed	7.82 Hrs	8.08 Hrs	8.08 Hrs
Runtime On App. Battery - Med Speed	4.30 Hrs	4.57 Hrs	4.57 Hrs
Runtime On App. Battery - High Speed	1.95 Hrs	1.94 Hrs	1.94 Hrs
Control	Electric Foot Control	Electric Foot Control	Electric Foot Control
Control Head	Standard	Standard	Standard
Directional Lock	No	No	No
Tilt Adjustment Lock	Manual Deployment	Manual Deployment	Manual Deployment
Suggested Suitable Circuit Breaker	50 Amp Included	50 Amp Included	50 Amp Included
Amp Draw At Minimum Speed	11 Ampere	13 Ampere	13 Ampere
Amp Draw At Medium Speed	21 Ampere	26 Ampere	26 Ampere
Amp Draw At Highest Speed	44 Ampere	54 Ampere	54 Ampere
Propeller Type	3 Bladed	3 Bladed	3 Bladed

Figure 7.1: A comprehensive table comparing the specifications of different Watersnake Shadow Bow Mount Trolling Motor models (55064, 55065, 55066), including estimated vessel size, thrust, shaft length, battery requirements, runtime, control type, and propeller type.

8. WARRANTY & SUPPORT

Watersnake stands by the quality of its products. If you are not satisfied with your Watersnake Electric Motor, please contact your authorized distributor or the point of purchase for assistance. They will be able to provide information regarding warranty coverage and support services specific to your region.

For general inquiries or to learn more about Watersnake products, visit the official Watersnake website or contact their customer service department.