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Lowrance Ghost Freshwater Trolling Motor Instruction Manual

47" Shaft, Model 000-14937-001

Brand: Lowrance

1. INTRODUCTION

The Lowrance Ghost Freshwater Trolling Motor is engineered for reliable, ultra-quiet operation and exceptional performance on the water. Featuring a revolutionary brushless motor, it delivers high thrust and extended run time. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Ghost trolling motor, ensuring optimal functionality and longevity.

2. SAFETY INFORMATION

Always prioritize safety when installing, operating, or maintaining your trolling motor. Failure to follow these instructions could result in injury or damage to the product or vessel.

- **Read All Instructions:** Familiarize yourself with the entire manual before use.
- **Electrical Safety:** Ensure all electrical connections are secure and properly insulated. Disconnect power before performing any maintenance or installation.
- **Propeller Safety:** Keep hands, feet, and clothing clear of the propeller at all times, especially when the motor is in operation.
- **Installation:** Mount the trolling motor securely to the bow of your boat according to the provided mounting instructions to prevent accidental detachment.
- **Water Hazards:** Be aware of underwater obstacles and shallow areas that could damage the motor or propeller.
- **Children and Pets:** Keep children and pets away from the trolling motor during operation and maintenance.

3. SETUP & INSTALLATION

Proper installation is crucial for the performance and safety of your Lowrance Ghost trolling motor.

3.1 Mounting the Trolling Motor

The Lowrance Ghost features a robust scissor-style bow mount designed for secure attachment. Ensure the mounting surface is flat and strong enough to support the motor's weight and operational forces. Use all provided hardware and follow the detailed mounting template for precise placement.



Figure 1: Lowrance Ghost Trolling Motor and configurable foot pedal.

3.2 Electrical Connections

The Ghost trolling motor operates on 36 Volts. Connect the motor directly to your boat's battery system using appropriate gauge wiring and circuit protection. Consult a qualified marine electrician if you are unsure about the wiring process.

3.3 Sonar Integration

Your Ghost trolling motor includes an HDI nosecone transducer for Lowrance CHIRP sonar and DownScan Imaging. For enhanced capabilities, upgrade options include an Active Imaging 3-in-1 nosecone, providing Lowrance CHIRP, SideScan, and DownScan Imaging. Connect the sonar cable to your compatible Lowrance fish finder display.

3.4 Foot Pedal Setup

The configurable foot pedal connects to the trolling motor via a dedicated cable. Ensure the connection is secure. The pedal features shortcut buttons and a Flip Switch for various functions, including battery-level indication, Anchor/Heading mode activation, and programmable quick access keys for dropping waypoints or operating a Power-Pole shallow-water anchor.



Figure 2: Close-up view of the configurable foot pedal with various control buttons.

4. OPERATING INSTRUCTIONS

The Lowrance Ghost is designed for intuitive control, allowing you to focus on fishing.

4.1 Power On/Off

To power on the trolling motor, ensure all electrical connections are made and activate the main power switch (if installed). The motor head may illuminate or provide an audible signal indicating it is ready for use.

4.2 Foot Pedal Controls

The foot pedal provides precise control over steering, speed, and advanced features:

- **Steering:** Press the toe or heel of the pedal to steer left or right.
- **Speed Control:** Adjust the rotary dial or dedicated buttons on the pedal to increase or decrease motor speed.
- **Anchor/Heading Mode:** Activate these modes via dedicated buttons on the pedal to maintain position or a specific heading.
- **Quick Access Keys:** Program these buttons to perform custom actions, such as dropping a waypoint on your Lowrance display or controlling a Power-Pole shallow-water anchor.



Figure 3: The motor head displaying controls and indicators.

4.3 Sonar Operation

The integrated HDI transducer provides clear sonar views directly to your Lowrance display. The brushless motor design ensures zero electromagnetic interference, resulting in the clearest possible sonar images without disruption.

4.4 Quiet Operation

The Ghost's brushless motor is engineered for ultra-quiet operation, allowing you to approach fish without spooking them. This silent performance is a key advantage for stealthy fishing.

Video 1: Official product video showcasing the Lowrance Ghost Trolling Motor's features and performance.

Video 2: Official product video highlighting the ultra-quiet operation of the Lowrance Ghost Trolling Motor.

5. MAINTENANCE

Regular maintenance ensures your Lowrance Ghost trolling motor remains in top condition.

- **Cleaning:** After each use, rinse the motor and shaft with fresh water to remove salt, dirt, and debris. Wipe down all surfaces.
- **Propeller Inspection:** Periodically check the propeller for fishing line, weeds, or damage. Remove any obstructions and replace damaged propellers promptly.
- **Electrical Connections:** Inspect all electrical connections for corrosion or looseness. Clean and tighten as necessary.
- **Storage:** When not in use, stow the motor securely. The Ghost's design allows for easy stowing. Store in a dry, protected area.

6. TROUBLESHOOTING

If you encounter issues with your Lowrance Ghost trolling motor, refer to the following common troubleshooting steps:

- **Motor Not Responding:** Check all electrical connections, including battery terminals and circuit breakers. Ensure the motor is powered on.
- **Loss of Power/Thrust:** Verify battery charge levels. Inspect the propeller for obstructions or damage.
- **Sonar Interference:** The Ghost is designed to be interference-free. If interference occurs, check for loose electrical connections or other electronic devices causing disruption.
- **Foot Pedal Malfunction:** Ensure the foot pedal cable is securely connected. Check for any physical damage to the pedal.

For persistent issues or complex problems, contact Lowrance customer support or an authorized service center.

7. SPECIFICATIONS

Feature	Specification
Brand	Lowrance
Model Name	000-14937-001
Shaft Size	47 inches
Thrust	97/120 lbs
Engine Type	Electric, Brushless
Operation Mode	Electric
Voltage	36 Volts

Mounting Type	Scissor Style Mount
Recommended Use	Freshwater Use Only
Item Weight	38.56 Kilograms
Color	Black
Material	Plastic
Included Components	Lowrance Ghost 47 in Trolling Motor
Model Year	2019

8. WARRANTY & SUPPORT

The Lowrance Ghost Freshwater Trolling Motor comes with a **3-year manufacturer warranty**. For warranty claims, technical support, or service inquiries, please contact Lowrance customer support directly or visit their official website for detailed contact information and service center locations.

For additional resources and product information, visit the [Lowrance Store on Amazon](#).