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Garmin 010-02573-30

Garmin Force Kraken Bow Mount Trolling Motor 48" Shaft User Manual

Model: 010-02573-30

1. Introduction

The Garmin Force Kraken Bow Mount Trolling Motor is engineered for superior performance and precise boat control, especially in deep V hulls with limited bow space. This powerful and efficient trolling motor features advanced navigation capabilities, quiet operation, and robust construction, making it an essential tool for serious anglers. This manual provides detailed instructions for the proper installation, operation, maintenance, and troubleshooting of your Force Kraken trolling motor.



Figure 1.1: Garmin Force Kraken Bow Mount Trolling Motor. This image displays the complete trolling motor unit, including the head unit with Garmin branding, the coiled cable, the long shaft, and the lower unit with the propeller and transducer housing.

2. Safety Information

Always observe the following safety precautions to prevent personal injury or damage to the product or vessel:

- Read all instructions carefully before installation and operation.
- Ensure the motor is securely mounted before use.
- Disconnect power to the motor before performing any maintenance or propeller inspection.
- Keep hands, feet, and clothing clear of the propeller when the motor is in operation.
- Do not operate the motor out of water for extended periods, as this can cause damage.
- Always wear appropriate personal flotation devices when on the water.
- Ensure all electrical connections are properly insulated and protected from water.

3. What's in the Box

Your Garmin Force Kraken Bow Mount Trolling Motor package includes the following components:

- Garmin Force Kraken Trolling Motor (48" Shaft)
- GT56UHD-TR Transducer (integrated)
- Wireless Remote Control
- Mounting Hardware
- Power Cable
- Documentation (Quick Start Guide, Safety Information)

4. Setup and Installation

Proper installation is crucial for optimal performance and safety. It is recommended to have the installation performed by a qualified marine technician.

4.1. Mounting the Trolling Motor

The Force Kraken features a pivot-style bow mount designed for easy installation, even where bow space is limited. Ensure the mounting surface is flat, strong, and free of obstructions. Use the provided mounting hardware and follow the template for drilling holes. Securely fasten the motor base to the boat's bow.

4.2. Electrical Connection

The motor operates on either 24 or 36 volts. Connect the power cable to your boat's battery system, ensuring correct polarity and using appropriate circuit protection (e.g., a circuit breaker or fuse). Consult a marine electrician if you are unsure about the wiring process.

4.3. Transducer Cable Routing

The integrated GT56UHD-TR transducer cable is designed to run through the trolling motor shaft, keeping the deck free of clutter and protecting the cable. Carefully route the cable according to the instructions provided in the detailed installation guide (not included in this summary).

5. Operating Instructions

The Force Kraken trolling motor offers advanced control and navigation features.

5.1. Powering On/Off

To power on the motor, ensure it is deployed in the water and the power cable is connected. The motor will typically activate upon deployment or via the remote control/chartplotter.

5.2. Steering and Speed Control

Control the motor's direction and speed using the included wireless remote. The remote supports point-and-go steering (using AHRS) and gesture steering for intuitive control. Speed can be adjusted incrementally.

5.3. Anchor Lock

The Anchor Lock feature provides precise boat positioning using multi-band GPS and integrated AHRS for heading hold. Activate Anchor Lock via the remote or a connected Garmin chartplotter to maintain your boat's position over a fishing spot.

5.4. Wireless Chartplotter Integration

Wirelessly integrate your Force Kraken with compatible Garmin chartplotters. This allows you to create and follow

routes, patterns, and tracks directly from your chartplotter display, enhancing your fishing efficiency.

5.5. Sonar Operation

The integrated GT56UHD-TR transducer provides brilliant UHD sonar returns with leading clarity and extremely low levels of unwanted noise. Connect your chartplotter to view detailed sonar images of the underwater environment.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your trolling motor.

- **After Each Use:** Rinse the motor with fresh water, especially after use in saltwater, to prevent corrosion. Wipe down the shaft and lower unit.
- **Propeller Inspection:** Periodically check the propeller for fishing line, weeds, or other debris. Remove any obstructions to ensure smooth operation and prevent damage to the motor.
- **Electrical Connections:** Inspect all electrical connections for corrosion or looseness. Clean and tighten as necessary.
- **Storage:** When not in use, store the motor in a dry, protected area. If storing for extended periods, ensure batteries are fully charged and maintained according to battery manufacturer guidelines.
- **Corrosion Protection:** The motor is built with advanced corrosion protection, but regular cleaning and inspection are still recommended.

7. Troubleshooting

This section addresses common issues you might encounter with your Force Kraken trolling motor.

- **Motor Not Responding:**
  - Check battery connections and ensure they are secure and free of corrosion.
  - Verify that the battery has sufficient charge.
  - Ensure the motor is fully deployed and locked into position.
  - Check the remote control battery and ensure it is paired with the motor.
- **Reduced Thrust/Performance:**
  - Inspect the propeller for any debris (fishing line, weeds) that might be fouling it.
  - Check battery voltage; low voltage can reduce thrust.
  - Ensure the motor shaft is not bent or damaged.
- **GPS/Anchor Lock Inaccuracy:**
  - Ensure the motor has a clear view of the sky for GPS signal acquisition.
  - Avoid operating near tall structures or dense foliage that can obstruct GPS signals.
  - Perform a compass calibration if available in your chartplotter settings.

For more complex issues, contact Garmin Customer Support or a certified service center.

8. Specifications

Feature	Specification
Brand	Garmin

Model Number	010-02573-30
Shaft Length	48 inches
Color	Black
Material	Composite
Engine Type	Electric, Brushless
Operation Mode	Electric
Recommended Uses	For Fishing Boats
Voltage	24 Volts (DC) or 36 Volts (DC)
Mounting Type	Bow Mount (Pivot-style)
Fuel Type	Electric
Item Weight	15 pounds
Product Dimensions	20 x 20 x 20 inches (Packaging/Approximate)
UPC	753759336110

9. Warranty and Support

For warranty information, product registration, and technical support, please visit the official Garmin website or contact Garmin Customer Support directly. Keep your proof of purchase for warranty claims.
Garmin Support: www.garmin.com/support

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