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› [Minn Kota](#) /

› Minn Kota Riptide Instinct Quest Trolling Motor User Manual

Minn Kota 1358561

Minn Kota Riptide Instinct Quest Trolling Motor User Manual

Model: 1358561 | Brand: Minn Kota

INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Minn Kota Riptide Instinct Quest Trolling Motor. Designed for demanding marine environments, the Instinct Quest series offers advanced features for superior boat control and performance.

The Minn Kota Riptide Instinct Quest is a dual 24/36V brushless trolling motor engineered for durability and advanced functionality. It features a reinforced motor and mount, enhanced GPS capabilities, and an Eco Mode for extended battery life, making it suitable for challenging conditions.



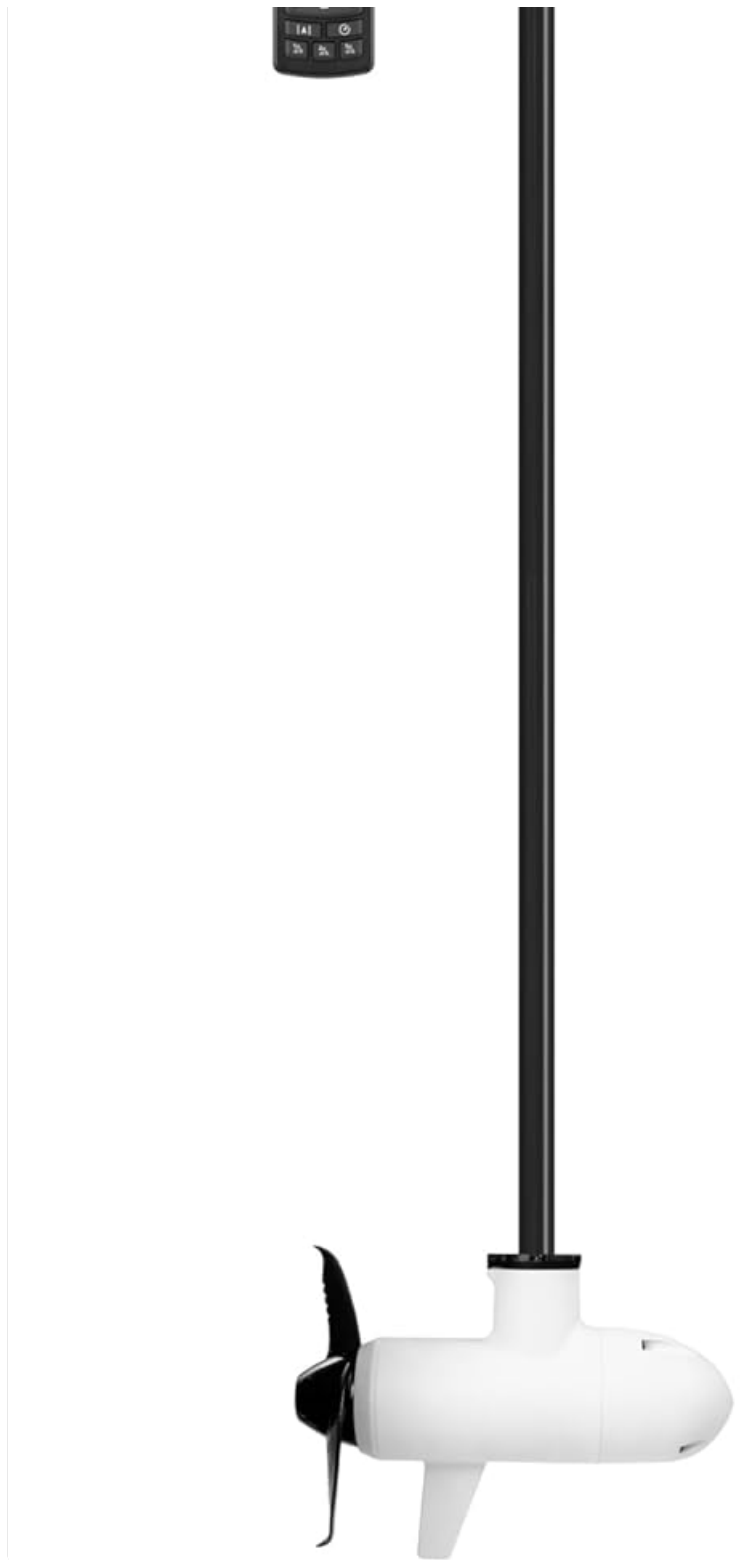


Image: The Minn Kota Riptide Instinct Quest Trolling Motor, showing its full vertical profile with the wireless remote control positioned next to the shaft. This image provides a comprehensive view of the motor's design and included accessories.

SETUP AND INSTALLATION

Mounting the Trolling Motor

The Riptide Instinct Quest is designed for bow mounting. Ensure the mounting surface is flat and strong enough to support the motor's weight and operational forces. Use appropriate marine-grade fasteners (not included) for secure installation.



Image: A detailed view of the Minn Kota Riptide Instinct Quest trolling motor's mounting bracket and the coiled power cable. This image highlights the robust construction of the mount, designed for secure attachment to the boat's bow.

Electrical Connection

This motor operates on a dual 24/36V system. Proper wiring is crucial for performance and safety. Consult a qualified marine electrician if you are unsure about the wiring process. Ensure all connections are clean, tight, and protected from corrosion.

- Connect the motor to a compatible 24V or 36V marine battery system.
- Utilize the provided 30' Ethernet Cable for connection to compatible Humminbird fish finders as part of the One-Boat Network.



Image: A close-up of the base of the Minn Kota Riptide Instinct Quest trolling motor, showing the entry points for the power and Ethernet cables. This view emphasizes the secure and integrated cable management system.

Initial Power-Up and Remote Pairing

After installation and wiring, power on the motor. Follow the instructions in the separate remote control manual to pair the wireless remote with your trolling motor. The remote's LCD screen will provide feedback during operation.

OPERATING INSTRUCTIONS

Auto Stow & Deploy

The motor features an automatic stow and deploy system. Press the designated button on your wireless remote, foot pedal (if equipped), the One-Boat Network App, or a connected Humminbird fish finder to automatically stow or deploy the motor.



Image: The Minn Kota Riptide Instinct Quest trolling motor shown in its fully stowed, horizontal position. This demonstrates the compact storage profile of the motor when not in use.

Power Trim

Adjust the motor's depth with the Power Trim function. This can be controlled via the foot pedal, wireless remote, One-Boat Network App, or a Humminbird fish finder. This allows for quick adjustments to changing water conditions.



Image: A close-up view of the deployment lever on the Minn Kota Riptide Instinct Quest trolling motor. This lever is part of the mechanism for deploying and stowing the motor, ensuring secure locking in both positions.

Advanced GPS Trolling System

The integrated GPS system provides precise boat positioning and control. Key features include:

- **Spot-Lock:** Holds your boat in a precise GPS location. Use the built-in heading sensor and **Jog** feature to move your Spot-Lock location five feet in any direction.
- **Record Paths:** Save and retrace your fishing paths.
- **Speed and Steering Control:** Fine-tune your speed and direction directly from the remote or connected devices.
- **Drift Mode:** Automatically engages speed and course control to maintain your drift, eliminating the need for drift socks or kicker motors.

Real-time Battery Monitoring and Digital Maximizer

Monitor your battery levels in real-time on the remote's display, which shows "time until empty." A notification will appear when battery power drops to 20%, prompting you to activate Eco Mode to extend battery life. The Digital Maximizer technology optimizes power draw, providing up to five times longer run time on a single charge by delivering only the necessary power for your selected speed.

MAINTENANCE

Corrosion Protection

The Riptide Instinct motor lower unit housings are treated with advanced corrosion protection, including grit-blasting, aluminum coating, and a final layer of powder coat paint. To maintain this protection, regularly rinse the motor with fresh water after use in saltwater environments. Inspect for any signs of damage or wear to the coating.

Propeller Inspection

Periodically inspect the Power Prop for fishing line, weeds, or other debris that may wrap around the shaft or propeller. Clear any obstructions to ensure optimal performance and prevent motor damage. Check for nicks or cracks on the propeller blades and replace if necessary.

General Care

- Keep all moving parts clean and free of debris.
- Store the motor in a dry, protected area when not in use.
- Ensure battery terminals are clean and connections are secure.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Minn Kota Riptide Instinct Quest trolling motor. For more complex problems, refer to the official Minn Kota support resources.

Problem	Possible Cause	Solution
Motor does not power on.	No power from battery; loose connections; blown fuse/breaker.	Check battery charge; inspect all electrical connections; check and replace fuse/reset breaker.
Motor runs intermittently or with reduced power.	Low battery charge; propeller fouled; damaged wiring.	Recharge battery; clear propeller of debris; inspect wiring for damage.

Problem	Possible Cause	Solution
Auto Stow/Deploy not functioning.	Obstruction in mechanism; remote/foot pedal not paired; power issue.	Check for physical obstructions; re-pair remote/foot pedal; verify power supply.
GPS features (Spot-Lock, etc.) are inaccurate.	Poor GPS signal; interference; calibration needed.	Ensure clear view of sky; move away from sources of electrical interference; perform GPS calibration as per remote manual.

SPECIFICATIONS

Feature	Detail
Model Name	Riptide Instinct Quest
Part Number	1358561
Thrust	90/115 lb. (Dual Thrust)
Shaft Length	72 inches
Voltage	24/36 Volts (Dual Voltage)
Mounting Type	Bow Mount
Engine Type	Electric, Brushless
Operation Mode	Automatic
Material	Aluminum (Lower Unit Housing)
Color	White
Included Components	Riptide Instinct 90/115 lb. 72" shaft trolling motor; Wireless Remote; Power Prop; Bow Mount Stabilizer; 30' Ethernet Cable; AS EC QDE HELIX Cable
Package Dimensions (L x W x H)	90 x 18 x 14.5 inches
Package Weight	112 Pounds
UPC	029402050376

WARRANTY INFORMATION

The Minn Kota Riptide Instinct Quest Trolling Motor comes with a **Three-Year Warranty with Registration**. Please register your product with Minn Kota to activate and ensure full warranty coverage. Retain your proof of purchase for any warranty claims.

For detailed warranty terms and conditions, please refer to the official Minn Kota website or the warranty card included with your product.

CUSTOMER SUPPORT

For technical assistance, service, or parts, please contact Minn Kota customer support. Have your model number (1358561) and serial number ready when contacting support.

You can also visit the official Minn Kota website for FAQs, troubleshooting guides, and service center locations.
www.minnkotamotors.com