

Lewmar Lewmar Venta Pontoon Anchor Winch Standard Kit

Lewmar Venta Pontoon Anchor Winch Standard Kit User Manual

Model: 2024008888

WELCOME

Thank you for choosing the Lewmar Venta Pontoon Anchor Winch Standard Kit. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new anchor winch system. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your product.

IMPORTANT SAFETY INFORMATION

Always prioritize safety when installing and operating marine equipment. Failure to follow these instructions could result in injury or damage to the product or vessel.

- Ensure all electrical connections are made by a qualified marine electrician and comply with local regulations.
- Always disconnect power to the winch before performing any maintenance or inspection.
- Keep hands and loose clothing clear of moving parts, especially the rope and chain during operation.
- Do not exceed the maximum pull capacity of 220 lb.
- Ensure the anchor is properly secured when not in use to prevent accidental deployment or damage.
- This winch is designed for use with plow-style anchors. Using incompatible anchors may lead to malfunction or damage.
- Regularly inspect the rope, chain, and all components for wear or damage. Replace worn parts immediately.

PRODUCT OVERVIEW

The Lewmar Venta Pontoon Anchor Winch Kit is designed for underdeck anchoring on pontoon boats, providing a clean and safe deck space. It features an IP66 rated motor for durability in marine environments and a convenient foot switch for easy operation.

Key Features

- Underdeck anchor deployment and retrieval designed specifically for pontoons.

- IP66 rated 850w motor and electronics are sealed off from the elements.
- Accommodates plow-style anchors for better holding power.
- Durable Delrin® rollers for reliable anchor retrieval.
- Multi-hole installation options for easy underdeck mounting.
- Slackline sensor cutoff switch for added safety.

Included Components

- Lewmar Venta Pontoon Winch Unit
- Fixed Bow Roller
- 92' (28m) of 3-strand rope
- 6' (1.8m) of setting chain
- Foot Switch

Product Components



Figure 1: Lewmar Venta Pontoon Anchor Winch and Fixed Bow Roller.

TECHNICAL SPECIFICATIONS

Specification	Value
Model Name	Lewmar Venta Pontoon Anchor Winch Standard Kit
Part Number	2024008888
Motor Power	850w
Voltage	12V
Maximum Pull	220 lb (99.8 kg)

Specification	Value
Ground Tackle Capacity	88 lb (39.9 kg)
Rope Length	92' (28m) 3-strand
Chain Length	6' (1.8m)
IP Rating	IP66
Color	Silver
Item Package Dimensions (L x W x H)	30 x 19 x 18.5 inches (76.2 x 48.3 x 47 cm)
Package Weight	28.99 Kilograms (63.99 lb)

Approximate Dimensions of Fixed Bow Roller

APPROXIMATE DIMENSIONS

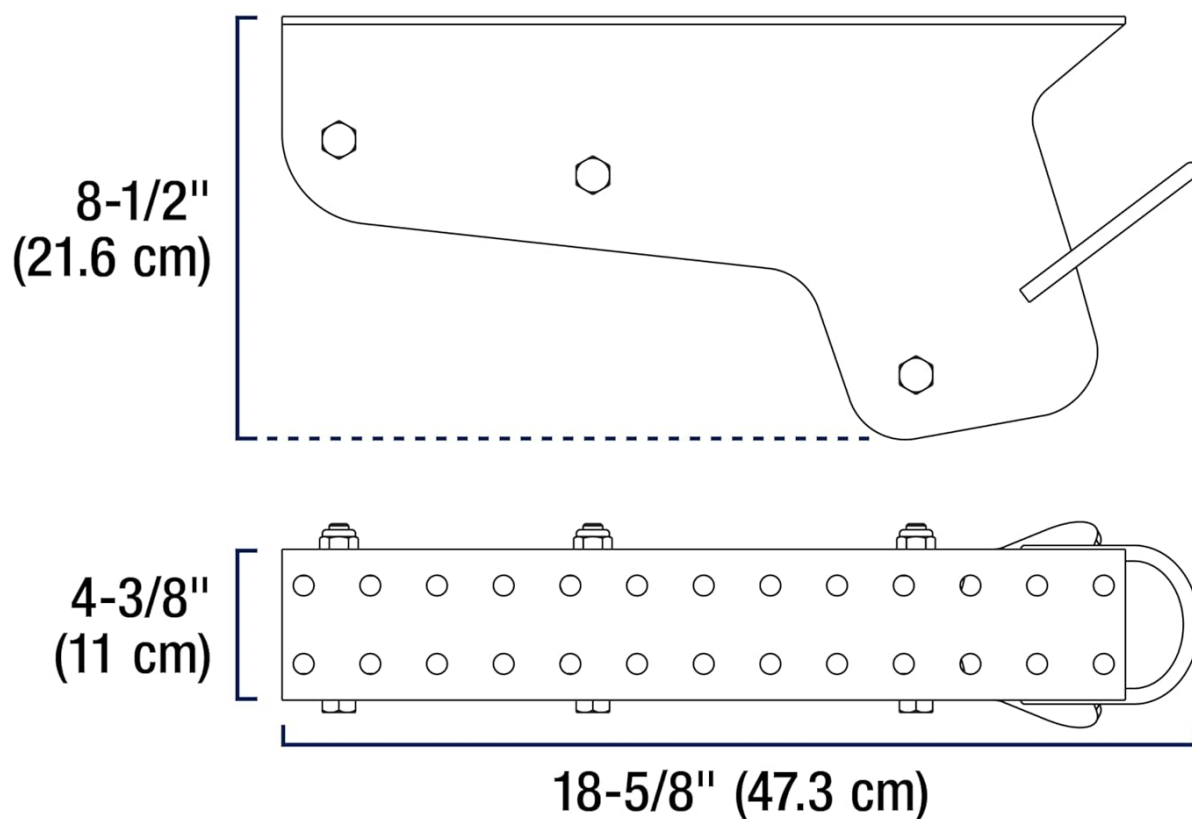


Figure 2: Approximate dimensions of the Fixed Bow Roller.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your Lewmar Venta Anchor Winch. It is recommended that installation be performed by a qualified marine technician.

Pre-Installation Checklist

- Ensure you have all included components and any necessary tools.
- Acquire a compatible plow-style anchor (sold separately). Recommended Lewmar Epsilon (2020221486) or Delta (2020202223) anchors.
- Verify adequate space under the pontoon deck for the winch unit and bow roller.
- Confirm your boat's electrical system can support a 12V, 850w motor.
- Consider using the optional universal aluminum mounting plate (2023011357) for easier installation.

Installation Steps

1. **Mounting the Winch Unit:** Position the winch unit securely under the pontoon deck. The multi-hole design of the mounting bracket allows for flexible installation. Ensure the unit is level and aligned with the bow roller.

UNIQUE DESIGN

Underdeck anchor deployment and retrieval designed for pontoons



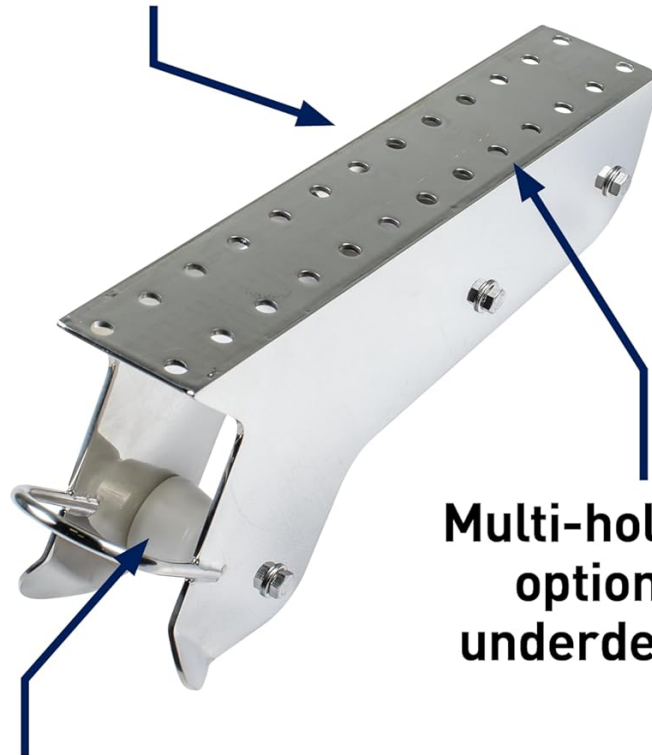
Figure 3: Underdeck installation of the winch unit.

2. **Installing the Fixed Bow Roller:** Attach the fixed bow roller to the bow of your pontoon, ensuring it is robustly secured and aligned with the winch unit for smooth rope and chain passage. The stainless steel construction and durable Delrin® rollers are designed for longevity.

FEATURES & BENEFITS

**Compatible with Venta™
pontoon anchor winch**

**Stainless steel
prevents rusting**



**Multi-hole installation
options for easy
underdeck mounting**

**Durable
Delrin® rollers**

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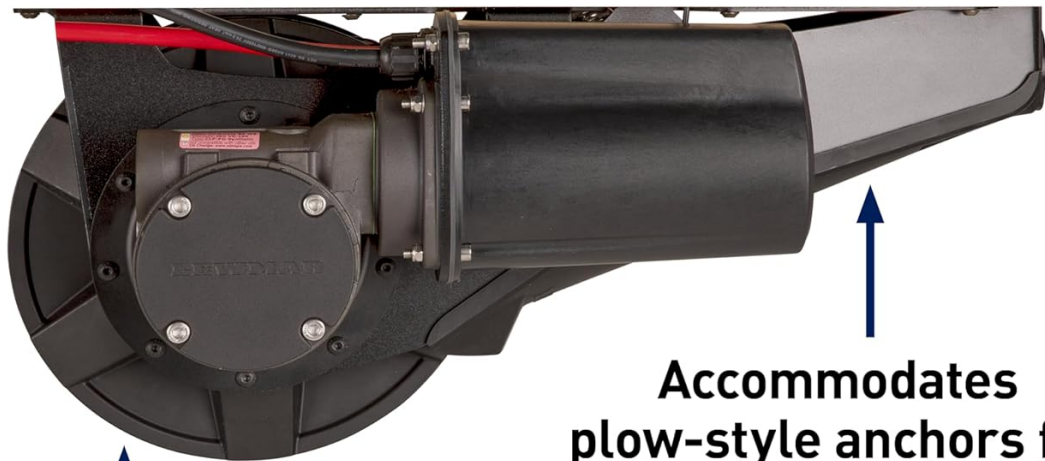
Figure 4: Fixed Bow Roller features and mounting points.

3. **Electrical Connections:** Connect the winch to your boat's 12V power supply. Ensure all wiring is properly sized, fused, and waterproofed according to marine standards. Connect the foot switch as per the wiring diagram (not provided in this manual, refer to full installation guide).

FEATURES & BENEFITS

**Underdeck anchor
deployment and retrieval
designed for pontoons**

**Fits pontoon and
tritoon boats**



**IP66-rated motor and
electronics are sealed off
from the elements**

**Accommodates
plow-style anchors for
better holding power**

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Figure 5: Winch unit showing IP66 rated motor and underdeck design.

4. **Rope and Chain Installation:** Feed the 6' setting chain through the bow roller, followed by the 92' 3-strand rope. Securely attach your plow-style anchor to the end of the chain.

REQUIRED ACCESSORIES

One anchor required for operation
(sold separately)



#2020221486
Epsilon 14 lb / 6 kg



#2020202223
Delta 14 lb / 6 kg

Select one of these Lewmar anchors

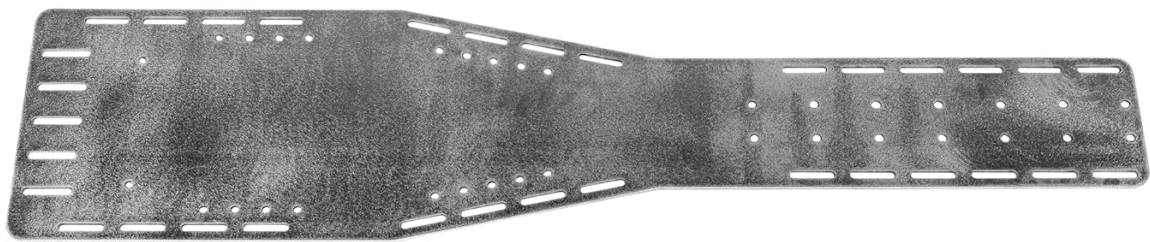
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Figure 6: Recommended compatible anchors (sold separately).

5. **Optional Mounting Plate:** If using, install the universal aluminum mounting plate (sold separately) first, then mount the winch unit to the plate. This can simplify the installation process.

OPTIONAL ACCESSORY

**Universal aluminum mounting plate
makes installation a breeze**



#2023011357 - sold separately

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Figure 7: Optional universal aluminum mounting plate.

OPERATING INSTRUCTIONS

The Lewmar Venta Winch is designed for easy and convenient anchor deployment and retrieval using the included foot switch.

Deploying the Anchor

1. Ensure the area around the bow is clear and safe for anchor deployment.
2. Press and hold the 'DOWN' side of the foot switch. The winch will begin to pay out the rope and chain, deploying the anchor.
3. Release the foot switch once the desired amount of rode has been deployed, or when the anchor has set.

EASY TO USE

Quick deployment and retrieval is easy with included foot switch



Figure 8: Foot switch for anchor control.

Retrieving the Anchor

1. Ensure the path of the rope and chain is clear.
2. Press and hold the 'UP' side of the foot switch. The winch will begin to retrieve the rope and chain, pulling the anchor back towards the bow.
3. Release the foot switch once the anchor is fully retrieved and secured in its stowed position. The durable Delrin® rollers on the bow roller ensure smooth retrieval.

HASSLE-FREE ANCHORING

**Durable Delrin® rollers
for reliable anchor retrieval**

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Figure 9: Delrin® rollers on the Fixed Bow Roller.

Safety During Operation

The underdeck design of the Venta winch helps keep your pontoon deck clear of slippery mud and tripping hazards, enhancing safety during anchoring operations.

SAFETY FIRST

Keeps slippery mud and tripping hazards off the pontoon deck



Figure 10: Clear deck space due to underdeck installation.

MAINTENANCE

Regular maintenance will ensure the longevity and reliable operation of your Lewmar Venta Anchor Winch.

- **Routine Inspection:** Periodically inspect the winch unit, bow roller, rope, and chain for any signs of wear, corrosion, or damage. Pay close attention to the condition of the rope and chain for fraying or kinks.
- **Cleaning:** After each use, especially in saltwater, rinse the bow roller and any exposed parts of the winch with fresh water to remove salt and debris. Avoid using harsh chemicals.
- **Electrical Connections:** Annually check all electrical connections for corrosion and tightness. Apply dielectric grease to terminals to prevent corrosion.
- **Rope and Chain Management:** Ensure the rope and chain are stored neatly within the winch system to prevent tangles and snags.
- **Professional Service:** For any complex issues or internal component inspection, it is recommended to seek service from an authorized Lewmar service center.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Lewmar Venta Anchor Winch.

Problem	Possible Cause	Solution
Winch does not operate	No power supply Blown fuse/tripped breaker Faulty foot switch Loose electrical connection	Check battery connections and charge Inspect and replace fuse or reset breaker Test foot switch for continuity Tighten all electrical connections
Winch operates slowly or weakly	Low battery voltage Corroded electrical connections Overload/excessive weight	Check battery voltage and charge Clean and secure all electrical connections Reduce load; ensure anchor is not snagged
Rope/chain jams or tangles	Improper rope/chain storage Debris in the system Worn or damaged rope/chain	Ensure rope/chain is neatly spooled Inspect and clear any obstructions Replace worn rope or chain
Anchor does not deploy/retrieve smoothly	Bow roller obstruction Damaged Delrin® rollers Anchor snagged	Clear any debris from the bow roller Inspect and replace damaged rollers Maneuver boat to free anchor

WARRANTY INFORMATION

The Lewmar Venta Pontoon Anchor Winch Kit is covered by a comprehensive warranty:

- **Hardware:** 3-year warranty from the date of purchase.
- **Electronics:** 1-year warranty from the date of purchase.

This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, neglect, accident, or unauthorized repairs. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, spare parts, or warranty claims, please contact Lewmar Customer Support. Visit the official Lewmar website for the most up-to-date contact information and support resources.

Lewmar Official Website: www.lewmar.com

Lewmar is committed to providing innovative, top-tier control solutions globally. Your satisfaction is our priority.

