

Lewmar 6656411108

Lewmar Pro-Fish 1000 Windlass User Manual

Model: 6656411108

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Lewmar Pro-Fish 1000 Windlass. The Pro-Fish 1000 is a horizontal line/chain windlass designed for reliable anchoring, particularly suited for stern anchoring applications. It features an automatic free-fall mechanism and is constructed from durable 316 stainless steel for corrosion resistance.

Key features include:

- Automatic Freefall for quick anchor deployment.
- Powerful motor providing fast line speed.
- Manual emergency recovery capability using a common 1/2 inch socket wrench.
- Constructed from 100% 316 Stainless Steel, including the control arm and stripper.
- Maximum pulling power of 454 kg (1,000 Lb), suitable for boats up to 12 meters (38 feet).



Figure 1: Lewmar Pro-Fish 1000 Windlass. This image shows the compact, polished stainless steel body of the Pro-Fish 1000 windlass, highlighting its horizontal design and the gypsy for line and chain.

2. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your windlass. It is recommended that installation be performed by a qualified marine technician.

2.1 Mounting Location

Select a mounting location that provides adequate structural support and allows for proper chain/line lead to the anchor

locker. Ensure the deck thickness is sufficient to support the windlass and anchoring loads. The Pro-Fish model is particularly suited for stern installation.

2.2 Electrical Connections

The windlass operates on a 12V DC electrical system. Ensure the power supply is adequately sized for the 700 Watt motor. Use marine-grade wiring and connectors. Install appropriate circuit protection (e.g., circuit breaker or fuse) as close to the power source as possible. Refer to the wiring diagram provided in the full installation guide (not included in this manual) for specific connections.

2.3 Anchor Rode Setup

The gypsy is designed to accommodate 9/16" - 5/8" (14-16mm) line and 5/16" (8mm) G4 chain. Ensure the chain and line are properly spliced together and that the rode is free of twists or knots before feeding it through the windlass.

3. OPERATING INSTRUCTIONS

Familiarize yourself with the windlass controls before operation. Always ensure the anchor area is clear of personnel and obstructions.

3.1 Deploying the Anchor (Automatic Free-Fall)

1. Ensure the windlass power is on.
2. Activate the "Down" control. The automatic free-fall mechanism will engage, allowing the anchor to drop rapidly.
3. Monitor the rode deployment and stop the free-fall once the desired scope is achieved by releasing the "Down" control.
4. Once anchored, ensure the rode is secured to a cleat or strong point on the boat, relieving strain from the windlass.

3.2 Retrieving the Anchor

1. Ensure the windlass power is on.
2. Slowly motor towards the anchor while activating the "Up" control. This reduces the load on the windlass.
3. Continue retrieving until the anchor is fully stowed.
4. Do not use the windlass to pull the boat towards the anchor; this can overload the motor and gearbox.

3.3 Manual Emergency Recovery

In case of power failure or malfunction, the windlass can be operated manually. Locate the manual override point (typically a capstan or nut) on the windlass. Use a standard 1/2 inch socket wrench to rotate the mechanism and retrieve the anchor rode.

4. MAINTENANCE

Regular maintenance will ensure the longevity and reliable performance of your Lewmar Pro-Fish 1000 Windlass.

- **Cleaning:** Periodically rinse the windlass with fresh water to remove salt and debris. Avoid using high-pressure washers directly on seals or electrical components.
- **Inspection:** Regularly inspect the windlass for signs of wear, corrosion, or damage. Check the condition of the gypsy, control arm, and stripper. Ensure all fasteners are tight.
- **Electrical Connections:** Verify that all electrical connections are clean, tight, and free from corrosion. Apply a suitable dielectric grease to terminals to prevent corrosion.
- **Rode Condition:** Inspect your anchor line and chain for wear, fraying, or damage. Replace worn sections as necessary.

- **Lubrication:** Refer to the comprehensive service manual (not included here) for specific lubrication points and schedules. Generally, internal components are factory-lubricated and sealed.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your windlass. For more complex problems, consult a qualified technician.

Problem	Possible Cause	Solution
Windlass does not operate.	No power; tripped circuit breaker; faulty switch; loose electrical connection.	Check battery voltage; reset circuit breaker; inspect wiring and connections; test switch.
Motor runs but gypsy does not turn.	Clutch disengaged (if applicable); internal mechanical issue.	Ensure clutch is engaged (refer to full manual); contact service technician.
Rode slips on gypsy.	Incorrect rode size; worn gypsy; excessive load; rode fouled.	Verify rode size matches specifications; inspect gypsy for wear; reduce load by motoring; clear any fouling.
Slow operation or motor overheating.	Low battery voltage; undersized wiring; excessive load; prolonged operation.	Charge batteries; check wiring gauge; reduce load; allow motor to cool.

6. SPECIFICATIONS

Attribute	Value
Model	6656411108 (Pro-Fish 1000)
Manufacturer	Lewmar
Voltage	12 V
Motor Power	700 Watt
Maximum Pulling Power	454 kg (1,000 Lb)
Line Size Compatibility	9/16" - 5/8" (14-16mm)
Chain Size Compatibility	5/16" (8mm) G4
Construction Material	100% 316 Stainless Steel
Item Weight	20 pounds (approx. 9.07 kg)
Package Dimensions	9 x 5.75 x 0.38 inches (approx. 22.86 x 14.61 x 0.97 cm)

7. WARRANTY AND SUPPORT

Information regarding the product warranty and customer support details would typically be provided in this section. For specific warranty terms and conditions, or to contact customer support, please refer to the documentation supplied with your purchase or visit the official Lewmar website.

Lewmar provides comprehensive support for its products. Ensure you have your model number (6656411108) and

purchase date available when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question