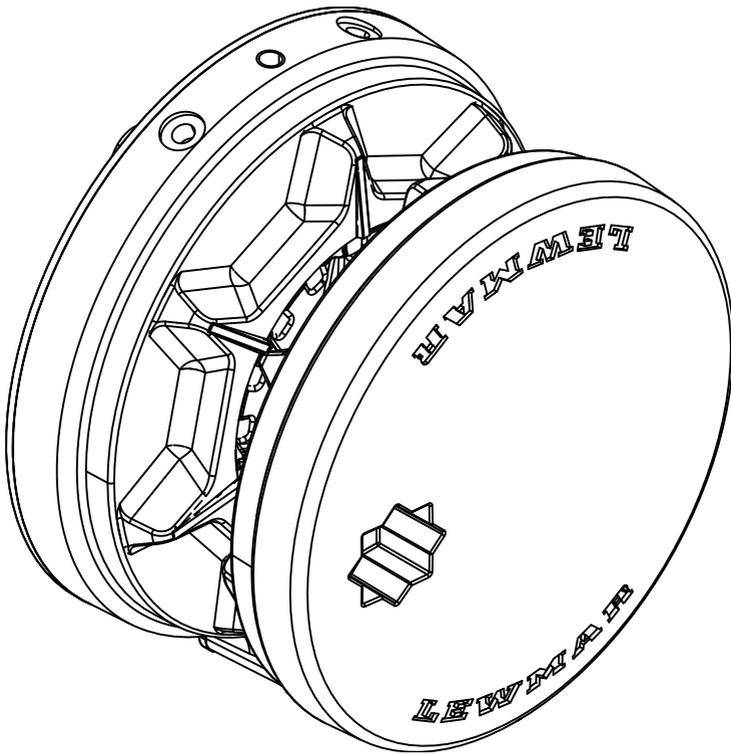


Lewmar RX Windlasses

65120046 Issue 3



1. Introduction

Dear Customer,

Thank you for choosing Lewmar. Lewmar products are world renowned for their quality, technical innovation and proven performance. With a Lewmar product you will be provided with many years of outstanding service.

Product support

Lewmar products are supported by a worldwide network of distributors and Authorised Service Representatives. If you encounter any difficulties with this product, please contact your national distributor, or your local Lewmar dealer. Details are available at: www.lewmar.com

CE Approvals

For CE approval certificates contact Lewmar.

Important information about this manual

Throughout this manual, you will see safety and product damage warnings. You must follow these warnings carefully to avoid possible injury or damage.

The type of warnings, what they look like, and how they are used in this manual are explained as follows:

WARNING!

This is a warning against anything which may cause injury to people if the warning is ignored. You are informed about what you must or must not do in order to reduce the risk of injury to yourself and others.

SAFETY SYMBOL

When you see the safety symbol it means: "Do not..."; "Do not do this"; or "Do not let this happen".

2. Safety Notice

IMPORTANT: Read these notes before continuing.

 **WARNING!**

2.1 Windlass general

Classification Societies and Lewmar require that a vessel at anchor must have its chain/rode held by a chain stopper or equivalent strong point at all times

At all times it is the responsibility of the boat operator to ensure that the anchor and rode are properly stowed for the prevailing sea conditions. This is particularly important with high-speed powerboats, because an anchor accidentally deploying while under way can cause considerable damage. An anchor windlass is mounted in the most exposed position on a vessel and is thus subject to severe atmospheric attack resulting in a possibility of corrosion in excess of that experienced with most other items of deck equipment. As the windlass may only be used infrequently, the risk of corrosion is further increased. It is essential that the windlass is regularly examined, operated and given any necessary maintenance.

Please ensure that you thoroughly understand the operation and safety requirements of the windlass before commencing the installation. Only persons who are completely familiar with the controls and those who have been fully made aware of the correct use of the windlass should be allowed to use it. If there is any doubt of how to install or operate this unit please seek advice from a suitably qualified engineer.

- Windlasses used incorrectly could cause harm to equipment or crew.
- Windlasses should be used with care and treated with respect.
- Boating, like many other activities can be hazardous. Even the correct selection, maintenance and use of proper equipment cannot eliminate the potential for danger, serious injury or death.
- Lewmar windlasses are designed and supplied for anchor control in marine applications and are not to be used in conjunction with any other use.
- Keep limbs, fingers, clothing and hair clear of windlass, rode and anchor during operation. Severe bodily harm could result.
- Ensure there are no swimmers or divers nearby when dropping anchor.
- Windlasses must not be used as the sole means of securing the anchor to the bow fitting especially under storm conditions. Anchors should be independently secured to prevent accidental release.
- Classification Societies require that a vessel lying at anchor must have its anchor rope/chain secured to a chain stopper or other suitable independent strong point.
- A windlass should never be used as a mooring bollard, the anchor rode **MUST** be secured to a mooring cleat, chain stopper or other designated strong point. Using the windlass to secure the rode will damage the windlass.
- Do not use windlass for ANY purpose other than deployment and recovery of anchor.
- The circuit breaker in this product must never be deactivated or otherwise bypassed, it is intended to protect the motor and cables from overheating and damage.
- Always switch off this windlass at the circuit breaker/isolator when not in use.
- It is the unavoidable responsibility of the owner, master or other responsible party to assess the risk of any operation on the vessel.
- Windlass must not be operated whilst under the influence of alcohol or drugs.

2.2 Fitting

- This equipment must be installed and operated in accordance with the instructions contained in this manual. Failure to do so could result in poor product performance, personal injury and/or damage to your boat.
- Consult the boat manufacturer if you have any doubt about the strength or suitability of the mounting location.

2.3 Electrical

- Make sure that the boat's battery power supply has been switched off before starting the installation.
- This product requires installation by a suitably qualified electrical engineer.

3. Installation

3.1 Basic requirements

Each installation requires the following tools:

Windlass Installation

An appropriate marine sealant and the following:

RX

- 10 mm (3/8") Drill
- 14 mm (9/16 ") Drill
- 18 mm (3/4") Drill
- 46 mm (1 13/16") Hole Saw

Wiring Installation

- Crimping Pliers / Wire Stripper
- Suitable electrical cable and crimp terminals

3.2 Accessories

Use only genuine Lewmar parts and accessories to ensure top performance and eliminate the risk of voiding your warranty. For replacement parts, please visit your dealer or www.lewmar.com

3.3 Gypsy Suitability

Gypsies fitted to the RX range of windlasses are ideally suited to handling our factory made chain.

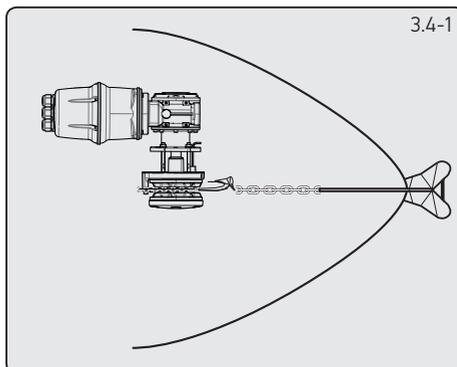
See Specifications section for details.

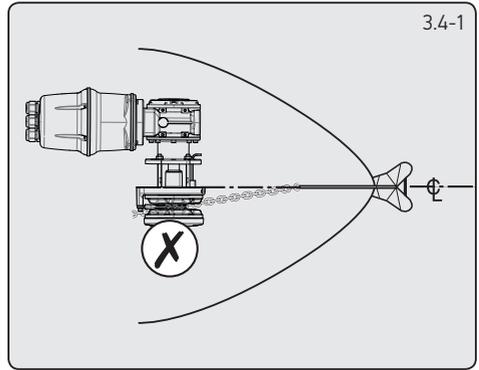
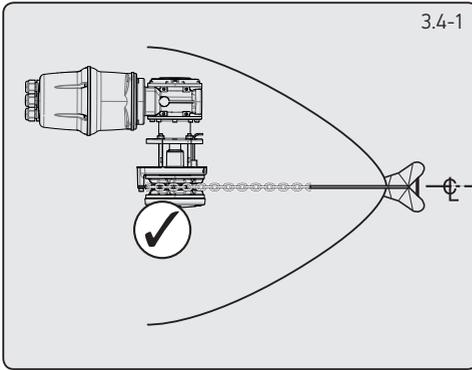
Should you have difficulty in matching a gypsy to your chain please consult your local agent or our international network of distributors.

3.4 Above deck preparation

IMPORTANT - Plan location carefully and allow for the following:

1. Make an accurate drilling template using the product dimensions from the dimension template and decide upon a position for it with reference to the vessel's bow roller and the chain locker below and the rotation of manual operating handle. If possible, select a flat area of deck.

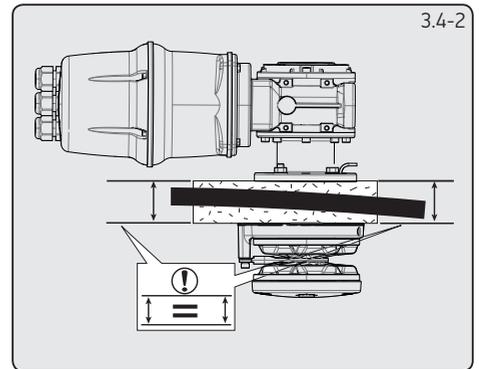




2. If a pad is required for these models, care must be taken to ensure that the windlass base is parallel to the motor/gearbox mounting flange. Shims may be used, before the motor/gearbox is installed, to correct minor misalignment.

Notes

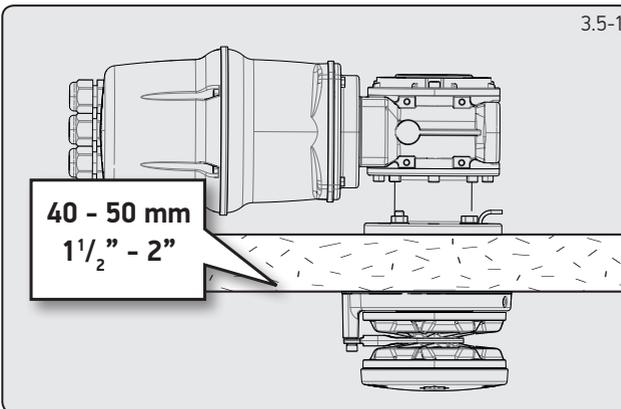
- if in doubt about the suitable construction of the pad consult a qualified marine engineer.
- Decks that are thin, or of foam or balsa laminate construction, will require reinforcement in order to spread the loads that will be applied to the deck while the windlass is in use



3.5 Bulkhead thickness

The deck is an integral component of the windlass it has to secure the windlass and be strong enough to cope with the high torque stresses involved in recovering the anchor.

- Lewmar recommends a minimum bulkhead thickness of 40mm (1½”).



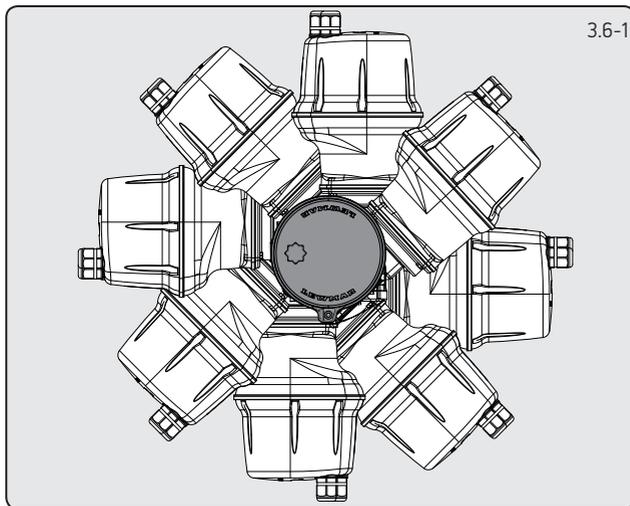
Note: For thicker bulkhead, a longer shaft may be required (not standard). Contact your Lewmar representative for more information

Note: For bulkhead, a spacer is available 66100143

3.6 Below deck preparation

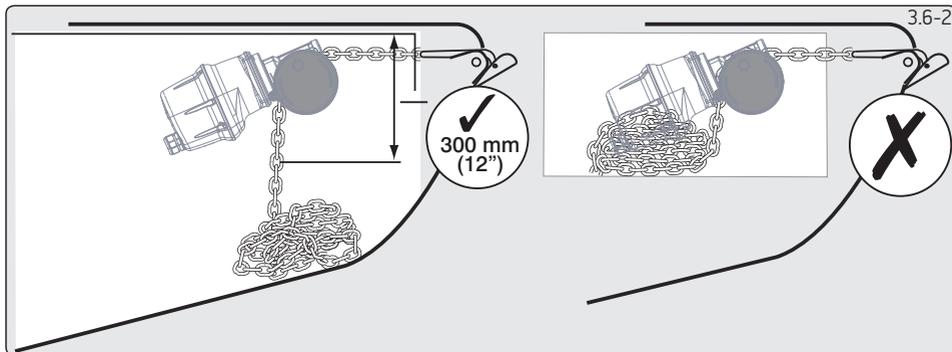
IMPORTANT:

The positioning of the windlass must be checked prior to cutting for deck/hull and bulkhead clearance.



1. The motor/gearbox is bolted via the through deck mounting bolts.

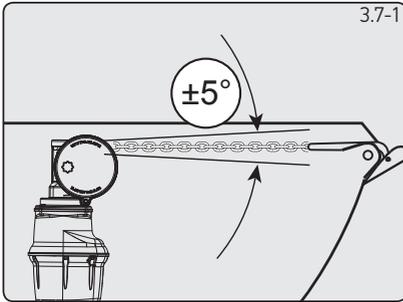
NOTE: Do not position motor/gearbox below rode/chain pipe fall area.



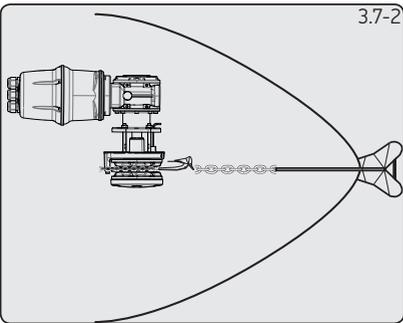
2. There must be sufficient vertical fall for the chain or rope when hauling in.

⚠ WARNING!
Failure to provide minimum vertical fall will cause jamming.

3.7 Above deck fitting

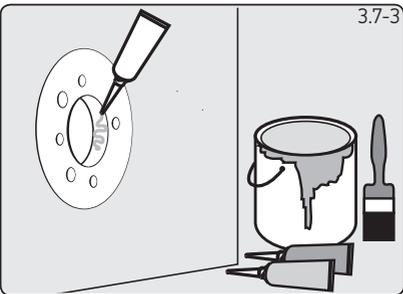


1. Lead from the roller should be fed horizontally back to the top of the gypsy and along its centre line within $\pm 5^\circ$.

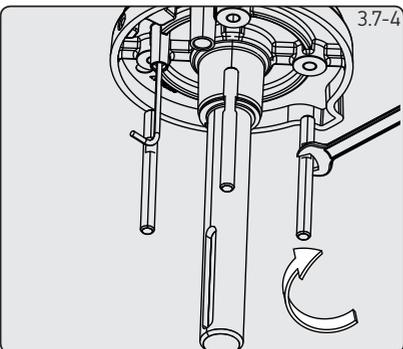


2. Using your template and after you have checked all the above and below deck requirements cut the following holes.

Using a 10mm ($\frac{3}{8}$ ") diameter drill, make the 3 holes for the mounting studs, 14mm ($\frac{9}{16}$ ") and 18mm ($\frac{3}{4}$ ") for the sensors. With a 46mm ($1\frac{13}{16}$ ") diameter hole saw, make two holes for the main unit / Motor gearbox and rode to pass through.

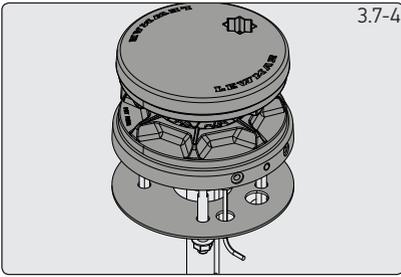


3. When all the holes have been made, remove the template. To help avoid water absorption by the deck, apply an appropriate marine sealant to the freshly cut hole edges.



4. Assemble and tighten studs into base until they bottom out in their holes. Some studs have a flat. Position the flats of the studs nearest the base of the windlass.

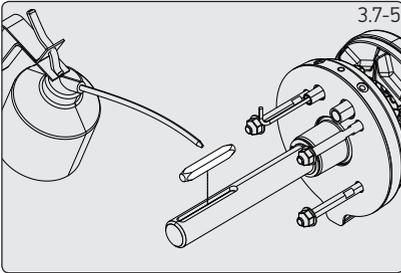
- Studs 21Nm lb/ft



3.7-4

- Place the base mat in position on the deck. Optionally, apply a suitable sealant to the base of the windlass, any mounting pad or around the studs.

NOTE: If using silicone or other rubbery type sealant, it is advisable to allow curing of the sealant before final tightening of the mounting nuts.

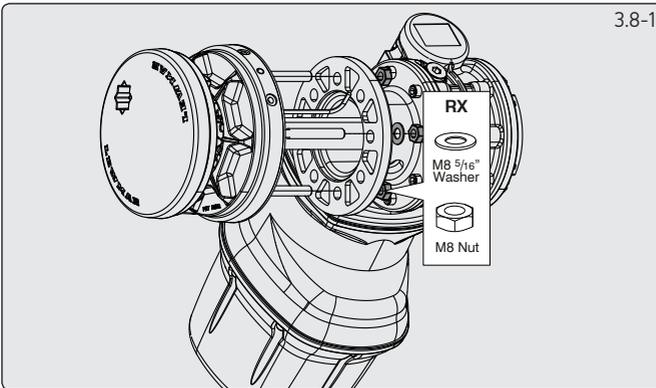


3.7-5

- Lightly coat the shaft with grease and ensure the drive key is in place before assembly to motor/gearbox.

⊘ DO NOT use a permanent adhesive/sealant eg.5200

3.8 Under deck fitting



3.8-1

Lightly grease all moving parts.

- Ensure drive key is in place then gently slide the motor/gearbox up the drive shaft until it contacts the deck.

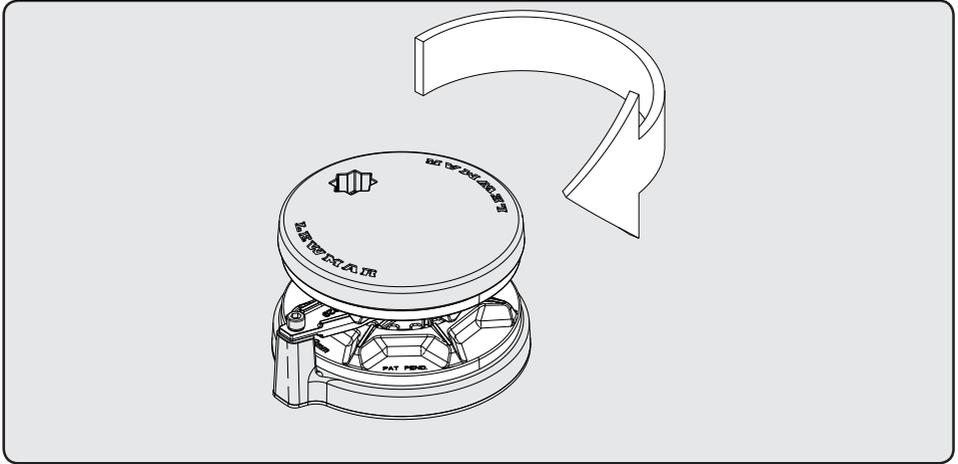
NOTE: Position the motor/gearbox away from the rope/chain pipe fall.

- Check the motor/gearbox and windlass mounting surfaces are parallel.

- Assemble the washer then the M8 nut, secure with Loctite® threadlock to 21Nm torque.

NOTE: If using silicone or other rubbery type sealant, it is advisable to allow curing of the sealant before final tightening of the mounting nuts.

3.9 Loading chain RX



⚠ WARNING!
Isolate the windlass using circuit breaker/isolator.

For safety and performance Lewmar recommends the use of matched Lewmar anchor rodes.

1. Tie off to suitable strong point in chain locker
2. Wrap chain around gypsy.
3. Power load rest of anchor rope/chain.

4. Electrical wiring

4.1 Electric cable selection

Installation of this product should meet the regulations and standards or codes of practice relevant to the craft to which it is being fitted. As a minimum the installer should conform ISO 10133.

Lewmar recommends the installer use cable with insulation rated at 90°C or higher.

Length = Length of cable from battery '+' terminal and back to battery '-' terminal including breaker and switch gear if fitted

Cable size guide given is for guidance only.

It is the responsibility of the installer to confirm the capacity and voltage drop for the installation. If in any doubt, contact your local marine electrician.

MODEL	V	CURRENT DRAW AT WORKING LOAD	BREAKER SUPPLIED AMPs	CSA TO MEET ISO 10133 ANNEX A FOR 20 M	AWG TO MEET ABYC E11 FOR L= 66 FEET
RX1800	12	120	90	35	1
RX1800	24	60	50	10	7
RX2200	12	131	110	50	1
RX2200	24	74	90	16	6
RX2500	12	132	110	50	1
RX2500	24	70	90	10	7

4.2 Wiring

Plan the installation to suit the controls and give the operator a full view of the windlass. The wiring system should be of the fully insulated type, which avoids possible electrolytic corrosion problems. We recommend the use of type III stranded, tinned copper wire with copper crimp terminals. Most modern installations are negative return (negative ground) but polarity should be checked.

Overload protection, in the form of the circuit breaker/fuse supplied, must be built into the windlass wiring circuit.

Circuit breaker supplied:

50A (Part No 68000348) 70A (Part No 68000240)

90A (Part No 68000349) 110A (Part No 68000350)

⚠ WARNING!

NOTE: The circuit breaker should be positioned close to the battery in a dry, readily accessible place.

The breaker must be manually reset should an overload occur that causes it to trip to the off position.

If you are not sure you understand these guidelines, seek professional help. Ensure that the installation complies with USCG, ABYC, NMMA or other local regulations.

4.3 Control switch installation

The unit is supplied with

- Guarded rocker switch (product ref 68000593)
- (12V - 68000937) / (24V - 68000938)

Follow the wiring diagrams

NOTE: Optional electric footswitches and remote handheld control available.

Visit www.lewmar.com for more information.

Contact box used in some installation refer to wiring diagram § 4.4 - 4.8

Optional wireless remote also available see table below for models and references.

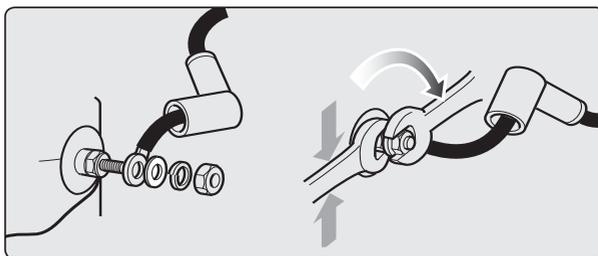
WIRED REMOTE 3M
(2 BUTTON WINDLASS & THRUSTER)
69000819

NOTE: In a multi station installation all switches must be wired in a parallel circuit.

4.4 Electric motor terminal connections

- ▶ When wiring Lewmar electric motor into the ship's electrical system the following caution must be taken.
- ▶ When tightening the front nut hold the back nut with a separate wrench to make sure the back nut does not turn. If the back nut turns, serious damage will occur, voiding Lewmar's warranty on the electric motor.
- ▶ Tighten M8 front nut to a torque setting of 15Nm to 18Nm

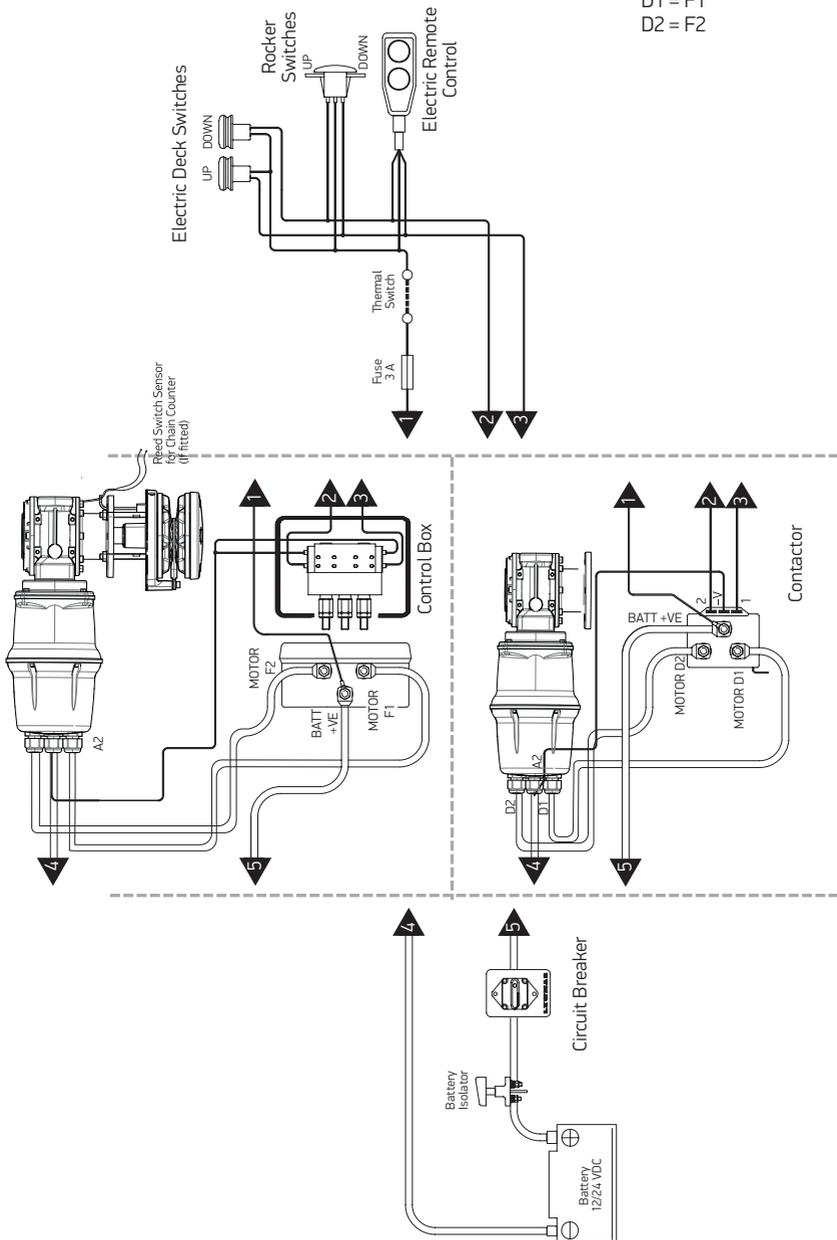
⊘ DO NOT overtighten electric motor terminal nuts.



4.5 RX Wiring diagram

Installation instructions are supplied separately with any accessories.

- NOTE:** Motor connections
D1 = F1
D2 = F2



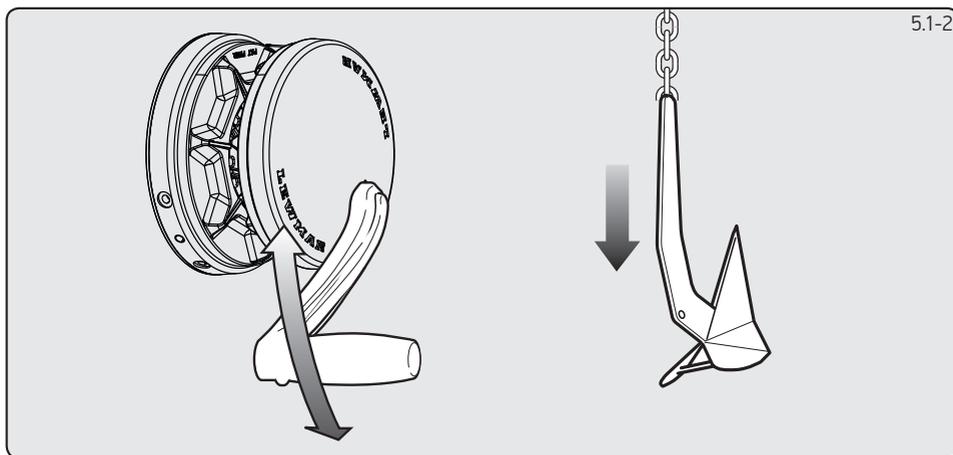
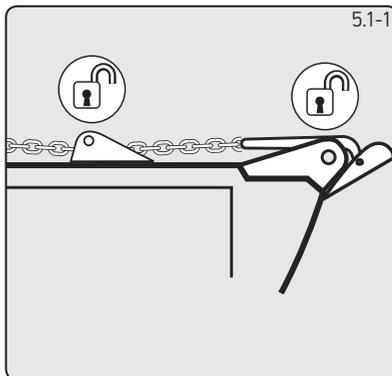
5. Operation

5.1 Braked anchor free-fall

Use this method for quicker anchor deployment and to save battery power.

Gypsy only

- Release any anchor locks and when safe rotate handle anti-clockwise until anchor pays out.
- Adjust rate of fall with handle.
Once paid out fully tighten gypsy drive cap.



⚠ WARNING! Isolate the windlass using circuit breaker/isolator.

⚠ WARNING! Always remove winch handle after use.

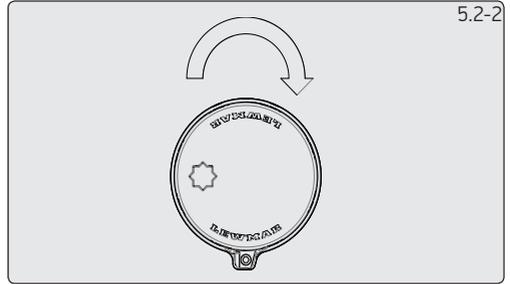
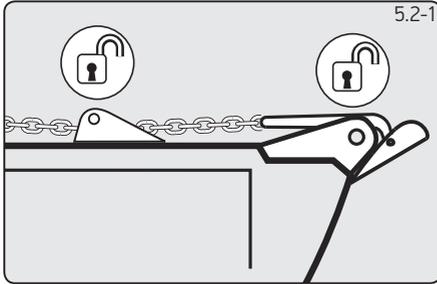
5.2 Power up/down

To release anchor.

1. Release any anchor locks.
2. When safe, operate DOWN control.

To retrieve anchor.

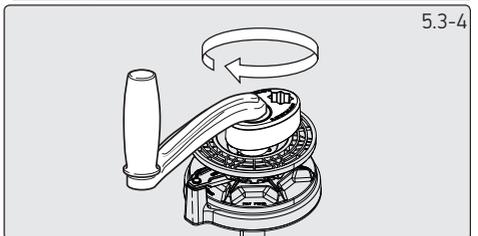
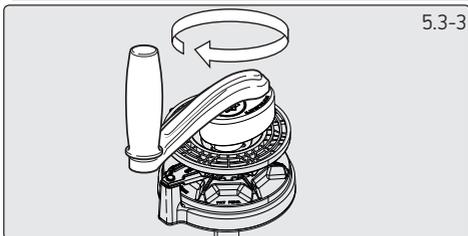
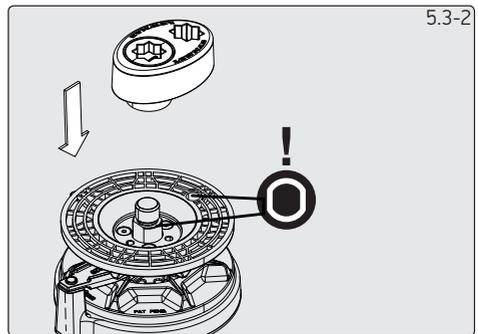
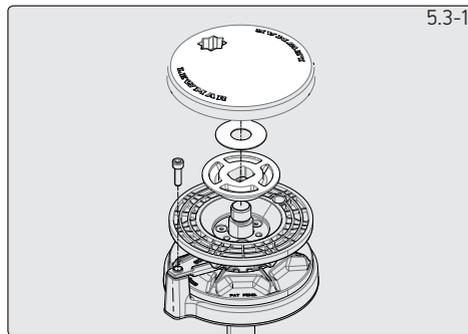
- Retrieving the anchor is the reverse to the above.
- When safe, operate the UP control.
- Once anchor is retrieved, ensure it is adequately secured to an independent strong point.



5.3 Optional manual recovery kits

- RX Gypsy No.66120009

⚠ WARNING! Isolate the windlass using circuit breaker/isolator.



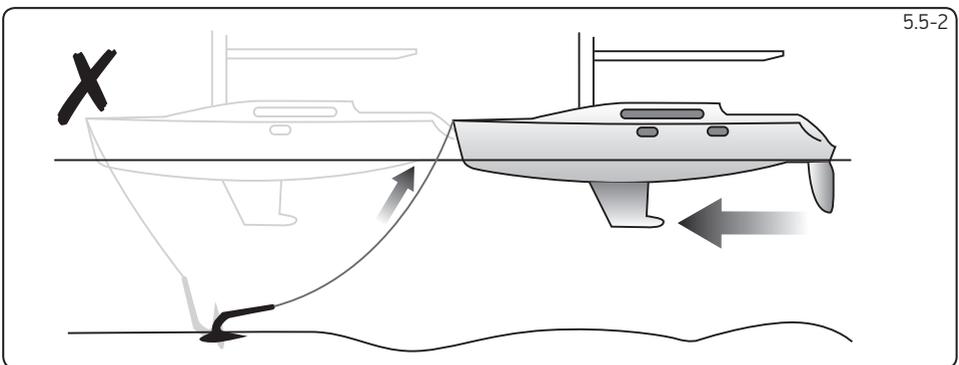
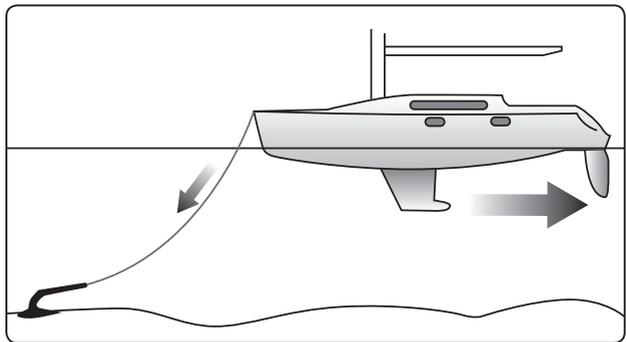
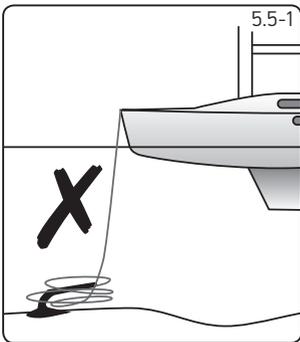
5.4 Operating tips

Vessels at anchor will snub on the rode and this can cause slippage or apply excessive loads to the windlass.

1. When anchoring, power rode out allowing the vessel to take up stern away preventing the rode tangling with anchor. Use this method for mooring stern first to a jetty.
 2. To aid recovery, under power, move vessel towards anchor but not over and beyond, as this can cause damage to topside.
- As anchor approaches the vessel, use careful adjustments of controls to avoid damaging vessel.
 - Scope: As a guide it is recommended that the depth of chain to rope is 7 to 1 at anchor.

⊘ The rode should be secured directly to a bollard, sampson post or cleat and a chain secured by a chain stopper.

⊘ When retrieving anchor do not overload or stall in windlass.



6. Servicing

⚠ WARNING! Ensure rode is adequately secured to an independent strong point.

⚠ WARNING! Isolate the windlass using circuit breaker/isolator.

6.1 Servicing schedule

Regularly:

- Wash down the windlass using fresh water.
- Examine all electrical connections for corrosion, clean and lightly grease.
- Check anchor locker drain to avoid water damage to motor/gearbox.
- If anchor locker fills with water, check motor is dry and free of rust.
- Check gypsy as it is a high wear item and will last longer if properly used. When re-assembling the cone and gypsy, add a small smear of grease to the contact surfaces.
- Check mounting studs after first two or three recoveries and regularly thereafter. (Studs 21Nm lb/ft)

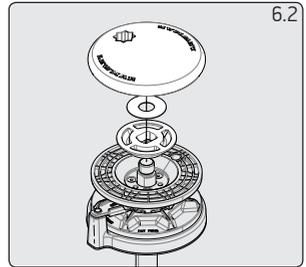
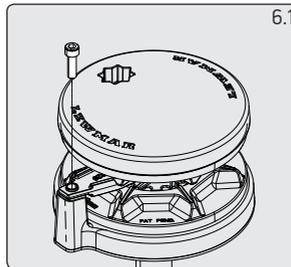
Annually:

- Check electric cables for damage. Repair/renew as required.
- Strip the above deck components, clean and lightly grease.
- Check motor/gearbox for corrosion, clean and repaint with a suitable marine grade oil based enamel paint.
- Remove electric motor cover and blow dust away from brushes using foot pump or similar taking care not to breathe any dust.

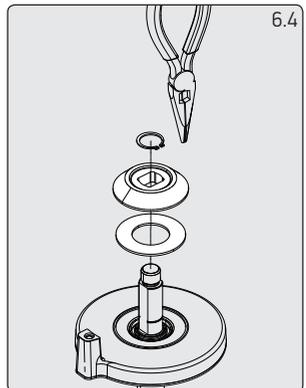
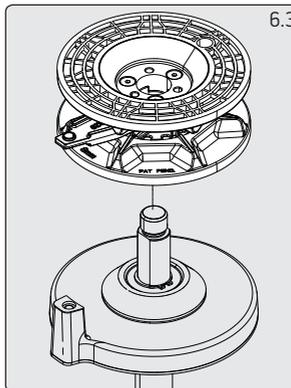
6.2 RX Gypsy replacement/service

⚠ WARNING! Isolate the windlass using circuit breaker/isolator.

1. Remove stripper ring screw using 5mm allen key

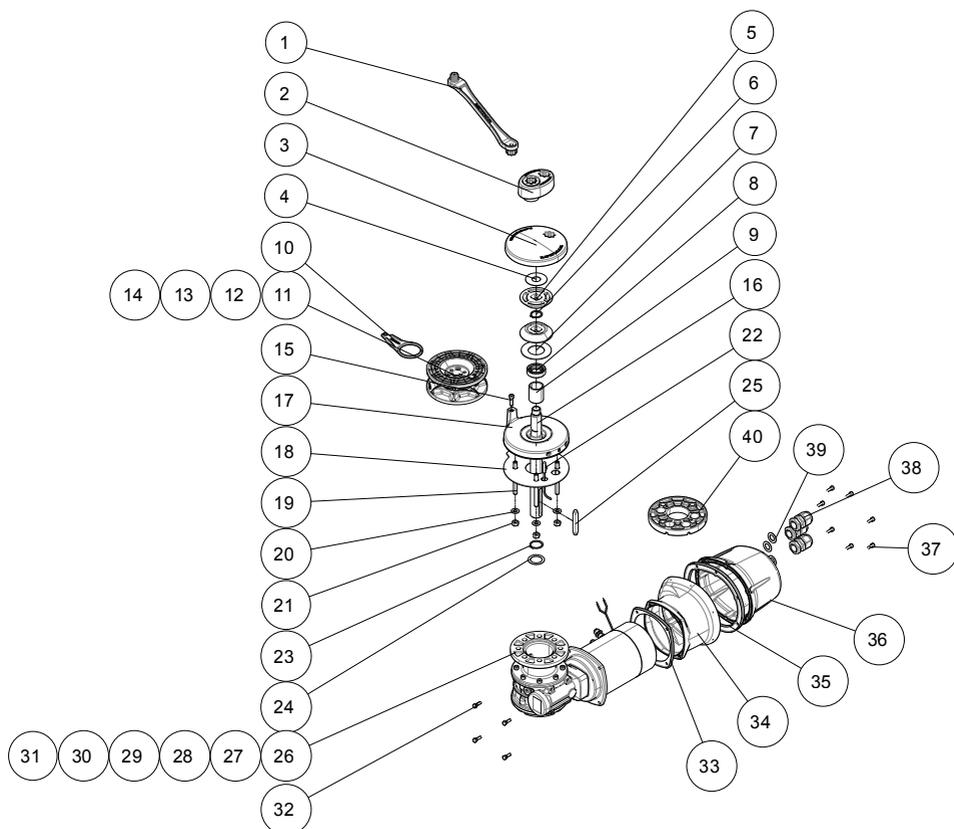


2. Using windlass handle remove top cap, washer and upper cone from shaft.



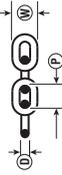
3. Remove gypsy
4. Replace cone and washer & re-assemble

6.3 Parts list RX

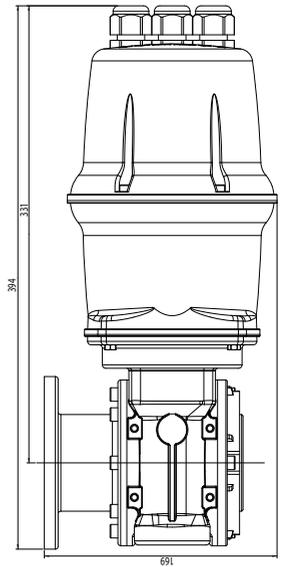
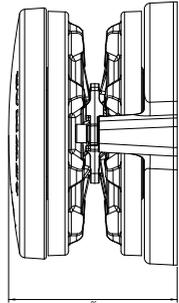
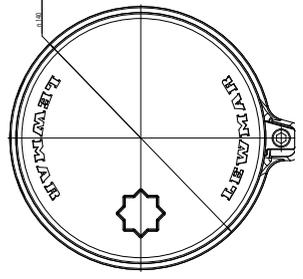
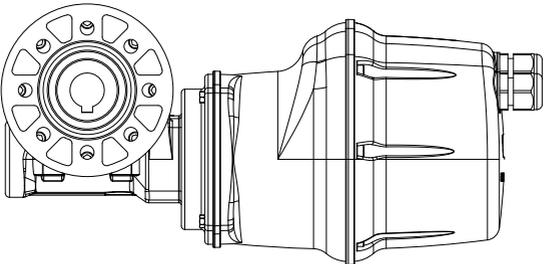


KIT NO.	KIT DESCRIPTION	ITEMS INCLUDED (QTY.)
66000799	WINDLASS HANDLE	1(1)
66100143	VX Thin Deck Spacer	40(1)
66120001	VX½ Go TOP CAP REPLACEMENT	3(1)
66120006	VX½ GYPSY ONLY DRIVE KIT	3(1), 6(1), 16(1), 23(1), 24(1), 25(1)
66120009	VX½ Go MANUAL RECOVERY RETILA KIT	2(1)
66120011	VX½ STRIPPER RING REPLACEMENT	10(1)
66120012	RMU50 IP COVER KIT	32(4), 33(1), 34(1), 35(1), 36(1), 37(7), 38(3), 39(3)
66120013	RX DECK UNIT KIT	8(1), 9(1), 15(1), 17(1), 22(1)
66120014	RX MANUAL AND KIT	1(1), 18(1), 19(4), 20(4), 21(4)
68120031	VX2 MOTOR G/BOX 700w 12v Sz50 IP ASSY	26(1), 32(4), 33(1), 34(1), 35(1), 36(1), 37(7), 38(3), 39(3)
68120032	VX2 MOTOR G/BOX 900w 24v Sz50 IP ASSY	27(1), 32(4), 33(1), 34(1), 35(1), 36(1), 37(7), 38(3), 39(3)
68120033	VX2+ MOTOR G/BOX 1000w 24v Sz50 IP ASSY	28(1), 32(4), 33(1), 34(1), 35(1), 36(1), 37(7), 38(3), 39(3)
68120034	VX2+ MOTOR G/BOX 1000w 12v Sz50 IP ASSY	29(1), 32(4), 33(1), 34(1), 35(1), 36(1), 37(7), 38(3), 39(3)
68120035	VX3 MOTOR G/BOX 1500w 12v Sz50 IP ASSY	30(1), 32(4), 33(1), 34(1), 35(1), 36(1), 37(7), 38(3), 39(3)
68120036	VX3 MOTOR G/BOX 1500w 24v Sz50 IP ASSY	31(1), 32(4), 33(1), 34(1), 35(1), 36(1), 37(7), 38(3), 39(3)
68120040	GYPSY ASSY 6/7mm VX½ ST/ST	4(1), 5(2), 7(1), 10(1), 11(1)
68120041	GYPSY ASSY 8mm VX½ ST/ST	4(1), 5(2), 7(1), 10(1), 12(1)
68120042	GYPSY ASSY 10mm DIN VX½ ST/ST	4(1), 5(2), 7(1), 10(1), 13(1)
68120043	GYPSY ASSY 10mm ISO VX½ ST/ST	4(1), 5(2), 7(1), 10(1), 14(1)

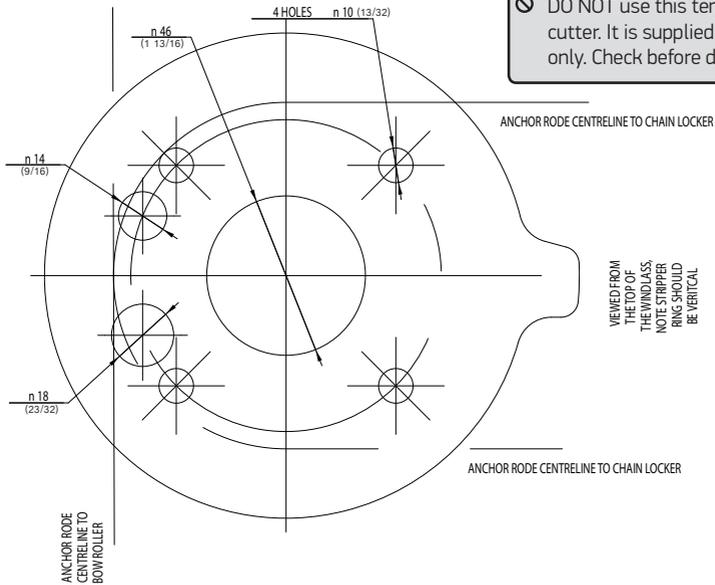
6.4 RX Dimensions



	D (mm)	D (inch)	P (mm)	P (inch)	W (mm)	W (inch)	
6 mm ISO 4565	6	0.236	18	0.709	21.6	0.85	
	6mm Din766	6	0.236	18.5	0.728	20.4	0.803
	7mm ISO 4565	7	0.276	21	0.826	23	0.905
68120040	7mm Din766	7	0.276	22	0.866	23.8	0.937
	1/4" G40	7	0.276	21.3	0.840	24.4	0.962
	1/4" BBB	7.14	0.281	22.1	0.870	25.2	0.992
68120041	8 mm ISO 4565	8	0.315	24	0.945	28.8	1.134
	5/16" G40	8.4	0.329	26.2	1.030	29.7	1.168
	8 mm DIN 766	8	0.315	24	0.945	27.2	1.070
68120042	Lewmar 9.5mm G40	9.5	0.374	28	1.102	32	1.260
	5/16" Campbell S3	8	0.315	32	1.260	28	1.102
	3/4" Campbell S4	10	0.394	29	1.142	35	1.378
	10 mm DIN 766	10	0.394	28	1.102	36	1.417
	10 mm ISO 4565	10	0.394	30	1.181	36	1.417
68120043	Lewmar 9.5mm G40	9.5	0.374	28	1.102	32	1.260
	3/4" Campbell S3	10	0.394	34.5	1.358	34.5	1.358



6.5 Deck template guide



6.6 Electric specifications

MODEL	POWER OPTION		MOTOR		TYPICAL MAX. PULL		MAXIMUM LINE SPEED		TYPICAL WORKING LOAD	
	V	W	KG	LB	M/MIN	FT/MIN	KG	LB		
RX1800	12	700	850	1874	29	95	213	470		
RX1800	24	900	850	1874	29	95	213	470		
RX2200	12	1000	1025	2260	39	128	257	567		
RX2200	24	1000	1025	2260	39	128	257	567		
RX2500	12	1500	1175	2590	40	131	294	648		
RX2500	24	1500	1175	2590	40	131	294	648		

*Values tested at +/- 10% on 12/24V system typical of electric systems installed on boats

7. Trouble shooting

7.1 Electric windlass

1. Anchor rode pays out independently while windlass is not in use.

This problem is a result of not securing the anchor rode combined with the gypsy drive cap being slack. Tighten the gypsy drive cap using the winch handle and always secure the anchor rode independently of the windlass when not in use.

2. Failure to operate or sluggish operation.

- The majority of these problems are electrical in nature. It is essential that the proper voltage be maintained. The proper voltage on a 12 Volt system is 13.5 Volts (24 Volt system is 26.5 Volts), constant low voltage will damage motor.
- Ensure electrical cable size is large enough to handle the current draw and keep voltage drop within acceptable limits.
- Check control switches, connections, battery condition, isolator switch, fuse and motor for operation failure.

8. Warranty

Limited Warranty and Key Terms of Supply by Lewmar

Lewmar warrants that in normal private pleasure boat usage and with proper maintenance its products will conform with their specification for a period of three years from the date of purchase by the end user, subject to the conditions, limitations and exceptions listed below. Any product, which proves to be defective in normal usage during that three-year period, will be repaired or, at Lewmar's option, replaced by Lewmar.

A CONDITIONS AND LIMITATIONS

- i Lewmar's liability shall be limited to the repair or replacement of any parts of the product which are defective in materials or workmanship.
- ii Responsibility for the selection of products appropriate for the use intended by the Buyer shall rest solely with the Buyer and Lewmar accepts no responsibility for any such selection.
- iii Lewmar shall not be liable in any way for Product failure, or any resulting loss or damage that arises from:
 - a. use of a product in an application for which it was not designed or intended;
 - b. corrosion, ultra violet degradation or wear and tear;
 - c. a failure to service or maintain the product in accordance with Lewmar's recommendations;
 - d. faulty or deficient installation of the product (unless conducted by Lewmar);
 - e. any modification or alteration of the product;
 - f. conditions that exceed the product's performance specifications or safe working loads.
- g. Abuse
- iv Product subject to a warranty claim must be returned to the Lewmar outlet that supplied the product for examination unless otherwise approved by Lewmar in writing.
- v This warranty does not cover any incidental costs incurred for the investigation, removal, carriage, transport or installation of product.
- vi Service by anyone other than authorized Lewmar representatives shall void this warranty unless it accords with Lewmar guidelines and standards of workmanship.
- vii Lewmar's products are intended for use only in the marine environment. Buyers intending to use them for any other purpose should seek independent professional advice as to their suitability. Lewmar accepts no liability arising from such other use.

B EXCEPTIONS

Cover under this Warranty is limited to a period of one year from the date of purchase by the end user in the case of any of the following products or parts of products:

- Electric motors and associated electrical equipment
- Electronic controls
- Hydraulic pumps, valves and actuators
- Hatch & Portlight weather seals
- Products used in "Grand Prix" racing applications
- Products used in commercial or charter applications
- Anchor rodes

C LIABILITY

i Lewmar's liability under this warranty shall be to the exclusion of all other warranties or liabilities (to the extent permitted by law). In particular (but without limitation):

a. Lewmar shall not be liable for:

- Any loss of anticipated turnover or profit or indirect, consequential or economic loss;
- Damages, costs or expenses payable to any third party;
- Any damage to yachts or equipment;
- Death or personal Injury (unless caused by Lewmar's negligence).

Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you

b. Lewmar grants no other warranties regarding the fitness for purpose, use, nature or satisfactory quality of the products.

ii Where applicable law does not permit a statutory or implied warranty to be excluded, then such warranty, if permitted by that state or country's law, shall be limited to a period of one year from the date of purchase by the end user. Some states and countries do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you.

D PROCEDURE

Notice of a claim for service under this warranty shall be made promptly and in writing by the end user to the Lewmar outlet that supplied the product or to Lewmar Limited at Southmoor Lane, Havant, Hampshire PO9 1JJ, England.

E SEVERANCE CLAUSE

If any clause of this warranty is held by any court or other competent authority to be invalid or unenforceable in whole or in part, the validity of the remaining clauses of this warranty and the remainder of the clause in question shall not be affected.

F OTHER RIGHTS

This warranty gives you specific legal rights, and you may also have other legal rights, which vary from state to state and country to country.

In the case of European States a Consumer customer (as defined nationally) has legal rights under the applicable national law governing the sale of Consumer Goods; this Warranty does not affect those rights.

G LAW

This warranty shall be governed by and read in accordance with the laws of England or the state or country in which the first end user is domiciled at the time of purchase of the product.

H DISPUTES

Any dispute arising under this warranty may, at the option of the end-user, be referred to alternative dispute resolution under the rules of the British Marine Federation or to the Courts of the State whose law shall govern the warranty or to the Courts of England and Wales.

The British Marine Federation may be contacted at Marine House, Thorpe Lea Road, Egham, England, TW20 8BF

UK & International Distribution

Lewmar
Southmoor Lane
Havant
Hampshire
PO9 1JJ
England

Tel: +44 (0)23 9247 1841
Fax: +44 (0)23 9248 5720
Email: info@lewmar.com

USA

Lewmar
351 New Whitfield Street
Guilford, CT
06437
USA

Tel: +1 203 458 6200
Fax: +1 203 453 5669
Email: info@lewmarusa.com

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