

Good® Automatic Windlass, Inc.

Made in the U.S.A.

Owner's Manual & Installation Instructions

for

New & Remanufactured 500 Series Automatic, Free-Drop Rope Anchor Windlasses



Models AFD, CFD or CFDM

Serial No. _____

Good® Automatic Windlass, Inc.

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Web Site: www.goodwindlass.com

Good® Automatic Windlass, Inc.

357 Route 72 ~ Barnegat, New Jersey 08005

Manufacturer's Warranty

Manufacturer warrants to the original purchaser, subject to the Limitations and Exceptions described herein, its' new manufactured products and parts to be free from defects in material and workmanship under normal use and service for a period of three (3) years from the date of the original purchase, or installation date, except that the warranty shall be for a period of (2) years on sprockets, bearings, and clutches, and one (1) year on seals, motors, electrical/electronic equipment and controls.

Manufacturer's obligation under this warranty shall be limited to repairing or replacing, at Manufacturer's factory or other designated places, each part or parts which shall be returned to the Manufacturer's plant or Manufacturer's designee, transportation charges prepaid and which examination shall disclose to have been thus defective while in the warranty period. This warranty or agreement to repair or replace does not cover any labor charges for removal, re-installation or any work done by any other party or parties except Manufacturer or it's specific designee. This warranty is expressly in lieu of all other warranties and representations expressed or implied and all other obligations and liabilities of any kind or character on Manufacturer's part. Manufacturer neither assumes nor authorizes any other person to assume for it any other liability in connection with the sale or use of Manufacturer's Marine Products and/or spare parts, and/or other products.

This warranty applies only if the product is used in NON-COMMERICAL applications, and has not been repaired or altered by anyone outside of the Manufacturer's factory, or Manufacturer's authorized designee, in any way, so as in Manufacturer's sole judgement to affect structure, stability, performance, or reliability. This warranty shall not apply to misuse, negligence, faulty installation, incorrect maintenance, accident, or use in applications for which they are not intended; nor to any product sold by Manufacturer which shall have been loaded or used beyond the factory rated load capacity, including but not limited to, wear and tear, corrosion; or ultraviolet degradation.

Manufacturer reserves the right to change any of the assemblies, specifications, or prices of its products without incurring any responsibility with regard to any such assemblies or specifications previously sold or replaced. This policy does not provide replacement of products in instances where adjustments will correct the difficulty. Complete replacement of Good Products is not authorized, and therefore can only be replaced at the discretion of "Good". Copies of bill of sale, receipts are to be submitted at the time of the inspection documenting that the defect or failure occurred within the applicable warranty period. Examination by Good must concur that the product or part failed as a result of material and/or workmanship.

GOOD AUTOMATIC WINDLASS, INC. SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES TO PROPERTY OR PERSONS ARISING OUT OF OR FROM THE USE OF GOOD'S PRODUCTS BY THE BUYER OR BUYERS, ITS ASSIGNEES, EMPLOYEES, AGENTS OR CUSTOMERS. THIS WARRANTY DOES NOT APPLY TO LOSS OF THE VESEL/BOAT/PROPERTY OR EQUIPMENT, LOSS OF TIME, LOSS OF USE, INCONVENIENCE, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS WHICH VARY FROM STATE TO STATE, OR COUNTRY TO COUNTRY.

WARRANTY RETURN PROCEDURES: If a windlass or part does not operate properly and a phone call to our customer service department does not provide a solution, we recommend prompt removal of the unit and return to "Good" for warranty inspection service. DO NOT OPEN or TAMPER with the windlass or part, as this will void your warranty. Please include your name, daytime phone number, and return shipping address with your return and note on the shipping carton and any paperwork "**WARRANTY REPAIR/INSPECTION**".

Please Record the following information and retain for your records:

Windlass Model _____ Purchase Date _____ Mfg'd Date _____

Windlass Serial _____ Warranty Registration Date _____

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Inserts

- 1-Deck Installation Template
- 1-Parts List/Schematic

PLEASE, Read Carefully Before Proceeding!

Thank you for choosing Good® as your first mate for anchoring!

Good® Automatic Windlass, Inc. was founded in 1958 in Philadelphia, Pennsylvania and they have been manufacturing anchor windlasses in the Barnegat, New Jersey location since 1971. Good Windlass started by pioneering and patenting the automatic free-drop clutch design of the 500 series Good® automatic rope anchor windlass for the pleasure boat industry. This development provided the captain the quickest and safest way to the sea floor when anchoring their boat. In 1971 Good developed and started production on its first free-drop rope/chain anchor windlass which has evolved over the last 50+ years into the windlass that you can depend on for performance and safety for your boat. You can rest assured that the windlass' performance and your satisfaction is the primary goal of all of us at Good Automatic Windlass. With a little bit of planning and understanding on how to put the windlass in the best possible situation to work properly you will have many years of successful anchoring with your new GOOD windlass. Before beginning the installation or having your windlass professionally installed, please take the time to review the simplified instructions pertaining to the installation of your anchor windlass. This will make you more aware of the critical requirements necessary to achieve proper operation and the most satisfaction from your Good® automatic anchor windlass.

The most important requirement for the windlass's performance is to be sure that your windlass line entry hole is located over the deepest area of the anchor storage locker. Select the correct length of line that your locker can comfortably hold, (**DO NOT** try to store more than your locker can hold; see the storage locker minimum requirement charts on page 2). Trying to store too much line could possibly cause problems, such as slipping or jamming when lowering or raising the anchor. These 2 REQUIREMENTS ARE VERY CRITICAL FOR THE PROPER OPERATION OF YOUR ANCHOR WINDLASS.

Please be aware of other manufactured anchor lines. Over the last 30 years, we have developed our own method of yacht lay construction in the manufacture of our anchor line kits. Don't be confused by other brands that state they are the same as Good® anchor line, or may be identified as windlass line. Good® anchor line kits are clearly marked and easily identified. They are pre-spliced with a stainless steel thimble on one end and are dye colored for depth and pre-shrunk. All Good® anchor line kits come with initial windlass feed instructions and the 200', 300', 400' and 600' lengths include a dashboard depth chart for easy reference while deploying your anchor.

Please do not hesitate to contact us GOOD with any questions prior to starting the windlass installation. Thank you again for choosing GOOD for your boats anchoring system.

Phone: (609) 698-4402 ~ (800) 780-4655 ~ Fax: (609) 698-3698 ~ E-mail: support@goodwindlass.com

Please Read All Instructions Before Beginning Installation.

Package Contents

Windlass Head Assembly with deck gasket, installation booklet & deck template

4" Stainless Steel Mounting studs, washers & nuts

Optional Installation components (not included with remanufactured windlasses)

12VDC Solenoid Panel w/auto reset 40 amp breaker

Manual Reset Circuit Breaker & Plate

Safe-T-Loc. Switch & Plate Assembly

Note: If there are any shortages or questions, please contact the factory before proceeding.

Tools Required

Electric Drill (3/8"-1/2" Chuck)

3-1/4" Diameter Hole Saw

1 1/32" Diameter Drill Bit

Soldering Iron with solder

Stripping/Crimping Pliers

3/8" through 9/16" open end wrenches

#2 Phillips screwdriver

Rasp files (Round or Half-Round)

Marine Grade Silicone Sealer

1-1/4" Diameter Hole Saw

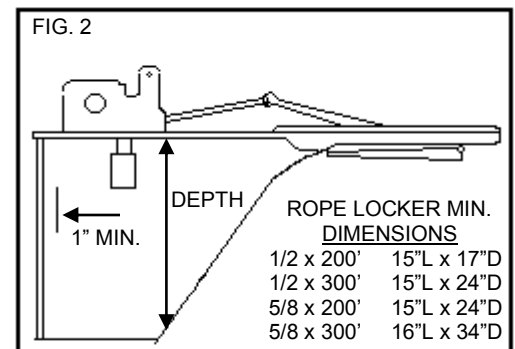
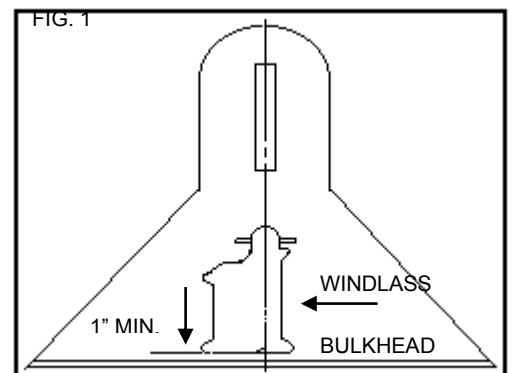
PLANNING THE INSTALLATION

Windlass Location Restrictions

- The 500 series is designed to install easily on boats with a deck thickness of up to 3-1/2 inches. If your deck's application is more than 3-1/2 inches thick call the factory. It may be necessary to purchase longer mounting studs.
- The windlass must be located over the deepest part or the line locker. Closest to the bulkhead in locker. (See Fig.1)

Determining the Optimum Windlass Location

- Locate the windlass within 1" of a level plane with the anchor roller system. (See fig.2) Deck spacer plates can be used to correct the elevation.
- Locate the windlass on the centerline of the boat's bow, over the deepest area of the anchor rode storage locker.
- The locker depth will determine the amount of anchor line that can be used in your windlass application. (See Fig.2)
- Locate the line entry hole as close to the deepest area of the rode locker as possible.
- Keep in mind that too much line in the locker can cause slippage on retrieval.



500 SERIES DECK INSTALLATION INSTRUCTIONS

New installations

- Locate and mark the centerline of the boat's bow for the installation.
- Align the bow centerline on the paper template with your marks on the centerline of the bow. (Over the deepest part of the anchor line locker) Fasten the template with tape at this location.
- Transfer the center points of the 3-1/4" hole, the 1-1/4" hole and the (4) four 11/32" mounting holes.
- Remove the paper template and drill the (4) four 11/32" deck mounting holes.
- Then, using a 3-1/4" hole saw, carefully drill the 3-1/4" holes as marked on the template.
- Using the 1-1/4" hole saw drill the 1-1/4 holes to achieve the oblong line entry hole
- On thicker decks 1-1/4" oblong hole, the line entry hole may need to be angled on the underside, front edge of the hole. Use a rasp file to do so.

Re-Installation on existing applications (Re-Manufactured core program)

- Clean windlass deck area of all old silicone and dirt and debris.
- Overlay deck template on existing holes and confirm proper location and size of all holes in deck.
- De-burr all rough edges; leaving no splinters or obstructions in the line entry hole. It is recommended to seal or gelcoat all through holes in the deck to prevent water intrusion.
- Re-drill 4- 11/32" deck mounting hole location to remove and old silicone or debris from holes.

All applications (New & Re-Manufactured)

- If mounted on a pulpit, make sure there is no void between the pulpit and the deck. If there is a void, this must be filled, especially in the line entry hole. Call factory for instruction.
- Install the 5/16" stainless steel studs into the cap nuts and into the windlass and test fit your hole locations. Check the angle of entry from anchor roller / pulpit roller to the windlass.
- If not already adhered to windlass, peel paper backing off the deck gasket and adhere gasket to the base of the anchor windlass.
- Apply a small bead of silicone on the deck around all machined holes and re-install the windlass.
- On thinner decks (less than 1"), it is recommended to install a deck stiffener below the windlass to support the load when raising anchor. This stiffener **MUST NOT** obstruct the line entry hole.
- Install the (4) four 5/16" flat washers, lock washers and hex nuts on the 5/16" windlass studs to fasten the anchor windlass to the deck.
- Tighten evenly and thoroughly all (4) four 5/16-18 nuts with a 9/16" open end wrench, making sure to use the lock washers and fender washers.
- Your deck installation is complete, you should now begin wiring the windlass.

500 SERIES WIRING INSTRUCTIONS (Models AFD & CFD only)

Safe-T-Loc Switch Location

Install your windlass control switch in a safe, accessible location. The factory recommends locating it near the throttle and transmission controls at your helm. This assures complete control of the boat during anchoring. All Good® windlasses are supplied with a Safe-T-Loc toggle switch and mounting plate. Pulling out the toggle handle, then pushing the handle to either the Raise or Lower position operates this switch. The Safe-T-Loc will prevent an inadvertent start up of the windlass if the switch is bumped accidentally.

If incorporating deck switches (not supplied), isolate the power to them as a safety precaution. When multiple switches are used, wire them in parallel. If your windlass runs in the opposite direction as indicated at the switch location, reverse your switch wire leads for raise & lower at your switch (top & bottom wire connections on switch or reverse your blue and green motor leads on your solenoids). While raising or lowering the anchor with the windlass, keep your engines running until anchoring is complete and a safe hold is secured, or the anchor is completely retrieved and stowed in the pulpit or roller system.

12v & 24V Solenoid Panel Location

The solenoid / circuit breaker panel should be located in the line locker within reach of the factory supplied 18" electric motor leads. The solenoid panel has been pre-drilled which allows mounting of the panel beneath the windlass on the rear mounting bolts. The solenoids should be pointed toward the rear of the windlass for easier access to the connections. The manufacturer recommends mounting with the connecting bolts horizontal or pointing up. **The control must not be mounted with the connecting bolts pointing downward.** If mounted as instructed it will serve as a deck stiffener and keep the wire connections from the anchor line.

Wiring Your Windlass (See Wiring Diagram/Schematic)

It is very important to use the proper gauge and type wire as illustrated in the wiring diagram. The main positive (+) power cable and negative (-) ground cable must be 6 gauge minimum fine stranded tinned marine wire for a one way run of up to 40', 4 gauge for a one way run over 50'. The leads from the solenoid panel to the motor are supplies and are 10 gauge fine stranded tinned marine wire. The switch wires, from the toggle switch to the solenoid panel, are to be 14 gauge.

Wire the main positive power cable from large copper post on the solenoid panel either directly to the battery or to the battery selector switch, if possible. Install the 60 amp (manual reset) circuit breaker in-line, in a dry, convenient location protected from moisture and the outside elements. This breaker will protect the positive power cable and must be easily accessed. Connect the main ground (negative) cable directly to terminal on the auto-reset circuit breaker. Then from the opposite side of the auto reset breaker wire jumper to small post on lower solenoid then jump to similar post on raise solenoid with 10 gauge wire. Crimp, solder and seal all of your main power and ground connections to ensure good electrical contact.

The switch wires are to be 14 gauge. Connect the top switch wire to the remaining small post on the lower solenoid with a #10 ring terminal. Connect the bottom switch wire to the remaining small post on the raise solenoid. Be sure to connect the center switch post terminal to any 5 to 10 amp fused, power source at your bridge or helm station. It is recommended to solder, seal or liquid tape all terminals and wire connections. This will ensure good electrical contact and reduce the possibility of corrosion at the connections and in the wire itself.

Be sure to secure all wiring with nylon ties to prevent strain on the electrical components.

GOOD 500 SERIES AFD/CFD WIRING INFORMATION

12 & 24 VOLT DC

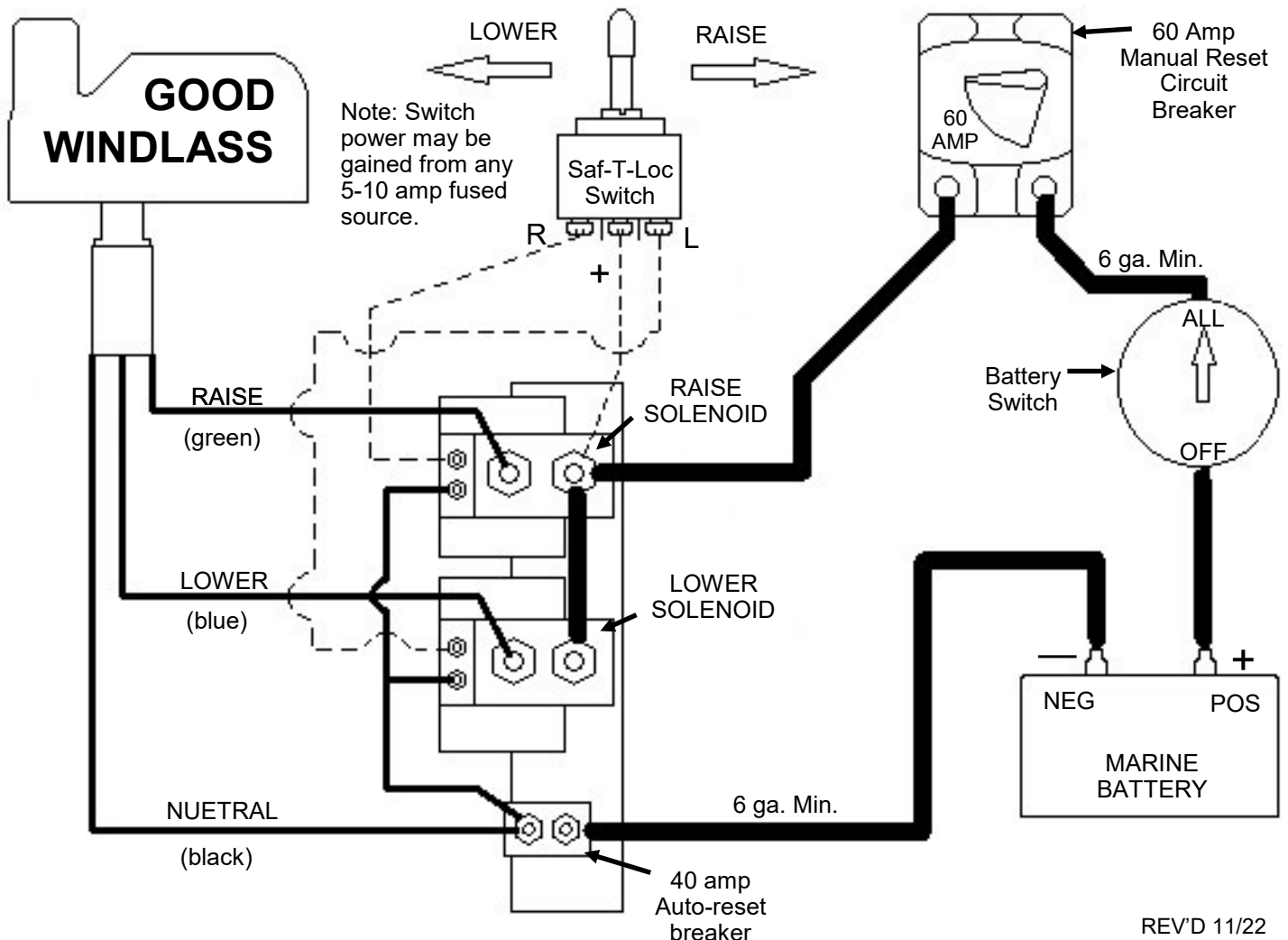
IMPORTANT WIRING INSTRUCTIONS

1. The diagram below shows the wiring of your windlass as recommended by the factory. This should be followed very closely to ensure proper function of your anchor windlass.
2. 12 or 24 v power should be connected to either the battery switch or directly to the positive post on your battery. Be sure to install the 60 amp circuit breaker to protect the wiring. Install the breaker near the battery source.
3. The main windlass ground can be connected to the engine ground or to the battery negative.
4. The solenoid panel will be located in the rope locker near the windlass. It must be within reach of the supplied windlass motor leads. If the leads must be extended, increase them to 6 gauge wire. If undersized wire is used you may create a voltage loss and cause damage to the motor.
5. If a second switch station is required, wire the switches in parallel.
6. If the windlass runs opposite of the switch control reverse the R and L wires on the switch.
7. All GOOD windlasses are supplied with a Safety Lock Toggle Switch and plate. The switch is operated by pulling out on the handle of the switch, then pushing the handle to either the raise or lower position. This prevents inadvertent running of the windlass in case the switch gets bumped. Once the handle of the switch is released the switch will spring back into the center off position and lock.
8. Any further questions contact the factory for technical support.

Wire Gauge Key

# 14 gauge	---
# 10 gauge	—
# 6 gauge	—

12 & 24 VDC WIRING SCHEMATIC



Model CFDM only WIRING INSTRUCTIONS

Safe-T-Loc Switch Location

Install your windlass control switch in a safe, accessible location. The factory recommends locating it near the throttle and transmission controls at your helm. This assures complete control of the boat during anchoring. All Good® windlasses are supplied with a Safe-T-Loc toggle switch and mounting plate. Pulling out the toggle handle, then pushing the handle to either the Raise or Lower position operates this switch. The Safe-T-Loc will prevent an inadvertent start up of the windlass if the switch is bumped accidentally.

If incorporating deck switches (optional), isolate the power to them as a safety precaution. When multiple switches are used, wire them in parallel. If, after wiring your switches, your windlass runs in the opposite direction as indicated at the switch location, reverse your leads R & L as illustrated in the wiring diagram (see page 5A). While raising or lowering the anchor with the windlass, keep your engines running until anchoring is complete and a safe hold is secured, or the anchor is completely retrieved and stowed in the pulpit or roller system.

Motor Reversing Control Panel Location (Model CFDM only)

The motor reversing control panel should be located in a safe, dry location. The manufacturer recommends mounting with the connecting bolts horizontal or pointing up. **The control must not be mounted with the connecting bolts pointing downward.** The control is sealed however the panel should be protected from direct moisture contact. It is also recommended to choose a location that can be easily accessed in the future if needed.

Wiring Your Windlass (Model CFDM only) (See Wiring Diagram/Schematic)

It is very important to use the proper gauge and type wire as illustrated in the wiring diagram. The main positive (+) power cable and negative (-) ground cable must be 6 gauge minimum fine stranded tinned marine wire for a one way run of up to 40', 4 gauge for a one way run over 50'. The supply leads from the reversing control to the motor should be 6 gauge fine stranded tinned marine wire as well. The switch wires, from the toggle switch to the reversing control panel, are to be 14 gauge.

Wire the main positive power cable from terminal B on the reversing control either directly to the battery or to the battery selector switch, if possible. Install the 60 amp (manual reset) circuit breaker in-line, in a dry, convenient location protected from moisture and the outside elements. This breaker will protect the positive power cable and must be easily accessed. Connect the main ground (negative) cable directly to terminal C on the motor reversing control. Crimp, solder and seal all of your main power and ground connections to ensure good electrical contact.

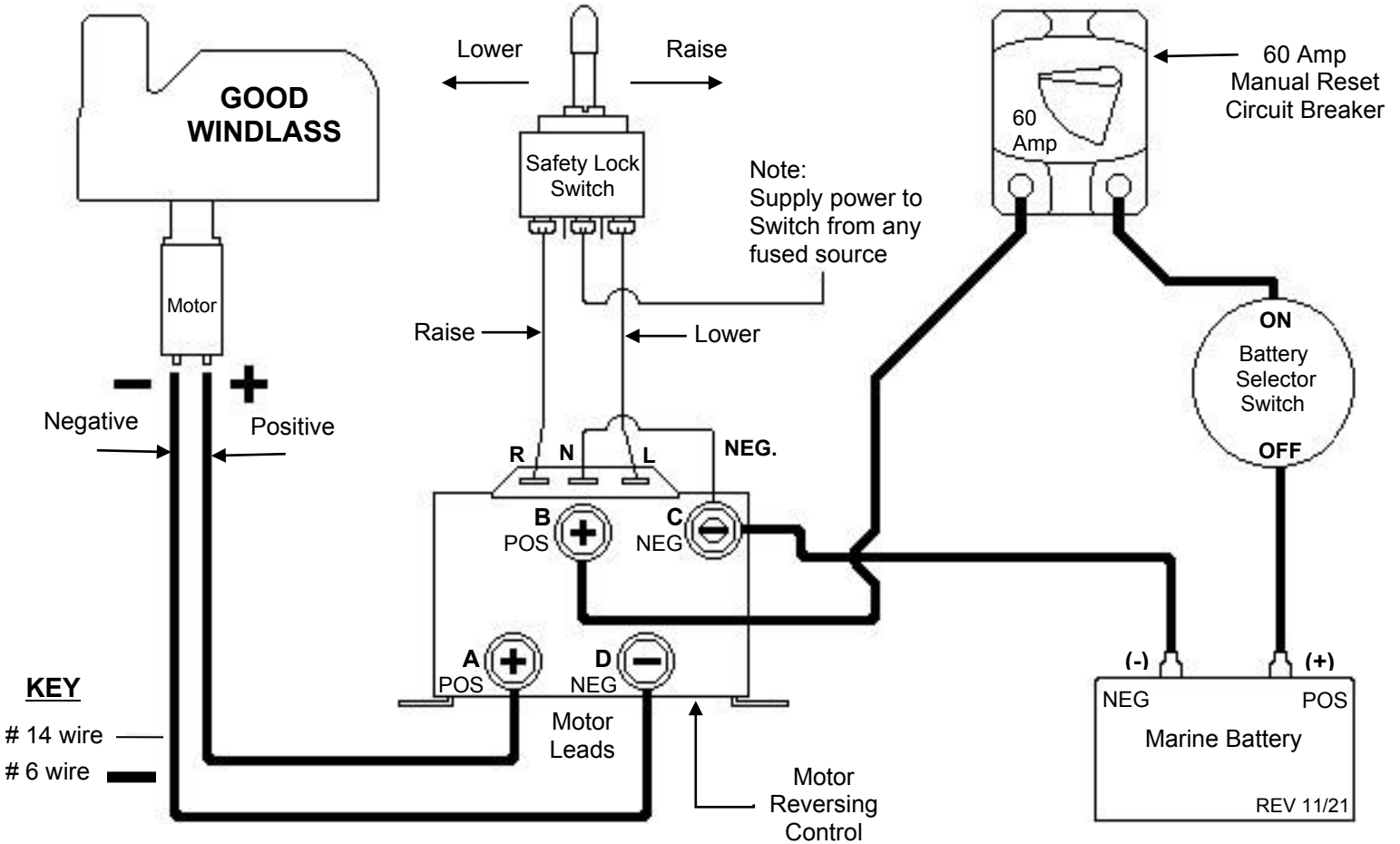
The switch wires are to be 14 gauge. Connect the switch to the motor reversing control via the spade connections on the top of the control. Be sure to connect the N (neutral) center spade terminal to the ground terminal "C" on the motor reversing control solenoid. You may gain power for the switch from any 5 to 10 amp fused, power source at your bridge or helm station. It is recommended to solder, seal or liquid tape all terminals and wire connections. This will ensure good electrical contact and reduce the possibility of corrosion at the connections and in the wire itself.

Note: Be sure to secure all wiring with nylon ties to prevent excessive strain on the electrical connections and components.

Wiring Diagram/Schematic 500 Series CFDM Rope Windlass

D.C. system

Reversing Control with Permanent Magnet Motor



Gauge Wire

From

To

#6 Red	Marine Battery (+) Positive	Battery Selector Switch
#6 Red	Battery Selector Switch	60 Amp Manual Reset Circuit Breaker
#6 Red	60 Amp Manual Reset Circuit Breaker	Terminal "B" on Motor Reversing Control
#6 Red	Terminal "A" on Motor Reversing Control	Motor Stud (+) Positive
#6 Black	Marine Battery (-) Negative	Terminal "C" on Motor Reversing Control
#6 Black	Terminal "D" on Motor Reversing Control	Motor Stud (-) Negative
#14 Lower	"L" Terminal on Motor Reversing Control	Top Screw on Safe-T-Loc Switch
#14 Raise	"R" Terminal on Motor Reversing Control	Bottom Screw on Safe-T-Loc Switch
#14 Negative	"N" Terminal on Motor Reversing Control	Terminal "C" on Motor Reversing Control
#14 Switch Pos.	Center Screw on Safe-T-Loc Switch	Any 5-10 Amp Fused Power Source

Motor Reversing Control

Terminal A = Motor (+) Positive
Terminal B = Main Power (+) Positive

Terminal C = Main Ground (-) Negative
Terminal D = Motor (-) Negative (Ground)

Initial Anchor Line Feed Into Windlass (500 Series)

- The windlass accommodates Good® color-coded line of the proper diameter with a pre-spliced stainless steel thimble on one end.
- This should be purchased with your windlass to ensure proper operation.
- Once the windlass is installed, you are ready for initial loading of the anchor line into the anchor windlass. The factory recommends installing the line into the windlass directly from the dock in front of the boat (see installation below).

Installation of your GOOD Color Coded Anchor Line

- At the bow of the boat, using a broom handle as an axle, spin the line off the reel onto the dock or foredeck of your boat. Do **Not** remove the rope over the sides of the reel!
- Install the bitter end of the line into the front of the anchor windlass. Be sure your fingers and hands are clear before operating windlass.
- With the anchor line in position have someone engage the windlass switch in the raise position as you gently push the line into the front of the windlass.
- The windlass should grab the line and start running it in. If it does not grab it but you feel it tugging on the end of the line you may be running the windlass in the wrong direction. Check your wiring at the switch and solenoids and make sure the operator of the switch is engaging it in the correct direction.
- Once it starts in, operate the raise switch and power in approximately 10 to 15 feet of anchor line.
- Go below and secure the end of your anchor line. This should be tied off in the locker or to a block of wood on the end of the line. This can prevent the loss of your entire line and anchor.
- Once the line is secured, activate the raise switch and retrieve all but the last 15 feet of your line. Attach the anchor to the chain lead, a swivel shackle may be used.
- Complete the retrieval of the anchor rode. A safety line to your anchor may be considered.
- You are now ready to anchor your boat automatically with your Good® Automatic Rope Windlass.

Operating a Good® Automatic 500 Series Rope Anchor Windlass

When preparing to anchor your boat, there are four very important factors to consider:

- The sea conditions, tide or currents
- The winds
- The sea bottom type
- The depth of water

These factors will determine the amount of scope required to hold the anchor in the sea floor. Anchor line scope is a term that refers to the amount of line or rode required to allow the anchor shank to remain horizontal to the sea floor and allow the anchor flutes to remain embedded in the bottom; thus, securing the anchor's hold. A simple rule of thumb determining the line scope required is:

- Minimum 3 feet of line for every foot of waters depth (3 to 1)
- Normal line scope is 5 feet of line for every foot of waters depth (5 to 1)
- Optimum line scope is 7 feet of line for every foot of waters depth (7 to 1)

Anchoring with the Free-Wheeling 500 Series Rope Windlass

When you are ready to anchor your boat with your free-drop windlass follow these steps:

- Put the bow of your boat into the wind or tide and pick your spot to anchor.
- Run slowly over your chosen location and disengage your transmissions (props).
- While the boat is still, activate the windlass lower switch.
- When lowering anchor, pay close attention that the anchor leaves the bow roller system. If it does not leave you may have to correct your roller system so it does.
- The windlass will power out 3 to 5 feet of rode; then, the automatic internal free fall clutch will disengage from the gypsy. When the anchor and rode begin to free fall to the sea floor briefly put the boat in reverse to start a reverse drift, then put transmissions back into neutral. This will prevent the anchor from fouling the anchor flukes.
- Once the anchor is on bottom and you have achieved the proper amount of scope you must stop the backward drift of the boat with your boat transmissions. Simply idle the boat forward to slow/stop the backward drift of your boat.
- Then activate your windlass switch in the raise position and power in 5 to 10 feet of line.
- This re-engages the drive clutch into the gypsy, securing the line in the windlass.
- Let the boat back drift to set the anchor.
- In most normal sea and wind conditions, no further cleating is required.
- It is always recommended to keep your boat engines running at idle during anchoring and until the anchor is set and hold is checked and secured.

Raising Anchor with the 500 Series Rope Windlass

When you are ready to raise your anchor follow these steps:

- Start the boat's engines, check your crew, passengers and view the surrounding area for other boats, swimmers, etc.
- Line up the bow of the boat with your anchor and anchor line.
- First, activate the lower switch and allow a foot or two of line out to release the stress and tension formed in the line in the sprocket while at anchor. Then, activate the raise switch and begin retrieving the line and anchor.
- It is recommended to occasionally idle forward as you are retrieving the anchor line to assist the windlass motor. The factory does not recommend pulling the boat through the water solely with the windlass motor.
- Most times the windlass and the surge of the boat will break the anchor out of the bottom by itself.
- Once it is free from bottom, continue to retrieve the remaining anchor rode.
- Carefully jog the anchor into stow in your pulpit or roller system, allowing the anchor to cradle into stow. **Do Not over-tighten the anchor into stow!**
- It is recommended to relieve the tension on the windlass when leaving the boat or storing it during the off season.

While operating and anchoring your boat always use common sense, stay calm, do not rush & always practice boating safety.

BOAT SMART!

Windlass Maintenance for the 500 Rope Series

- Before beginning anchor windlass maintenance, be sure to shut off/isolate all power to the anchor windlass.
- It is recommended to wash down the above deck windlass assembly with fresh water after returning from sea. This will help prevent oxidation from occurring from salty seawater.
- The below deck motor assembly is a sealed unit and should require little or no maintenance. You may consider spray coating the entire assembly with a clear sealer or CRC6-56 to protect the motor and gearbox from the damp environment of the anchor storage locker. Keep the motor terminals clean to ensure good contact.
- Make sure all electrical connections are kept clean and free of corrosion from moisture. These should be inspected periodically.
- Run the windlass whenever possible to circulate the oil in the gearbox and keep the mechanical parts moving freely.
- The above deck windlass assembly requires little or no attention.
- It is very important to pay close attention to the joint where the anchor line is spliced to the stainless steel thimble. This area must be inspected regularly and maintained to ensure proper operation and complete safety while at anchor.
- If fraying or any loose ends appear at the splice or any chafing of the anchor line occurs it may require a re-splice or you may consider replacement of the anchor line which is available at www.goodwindlass.com.

Thank you for anchoring with Good® Automatic Anchor Windlass and we wish you many years of safe boating and trouble free anchoring.

NOTES

Customer Service Toll-Free (800) 780-4655

www.goodwindlass.com



Remanufactured Rope Windlass Service Program Price Sheet



500 Series

Does your GOOD Rope Anchor windlass on your boat need service?

Exchange it with a factory remanufactured windlass

Re-mfg'd windlasses have new internal parts, new electric motor, deck gasket & mounting hardware.

Here's how it works. Call 1-609-698-4402 or

SHOP ONLINE at **GOODWINDLASS.COM** to order a remanufactured windlass.

Good will ship it to you. Remove your old windlass.

Install the re-mfg'd windlass on your boats deck.

Put the old windlass in same packaging, use provided return shipping label and send back to Good.

Upon receipt of your core Good will credit your \$150 core credit to your payment credit card.

It is recommended to replace old anchor line at the same time to insure proper operation (line discounts avail. at time of order)

GOOD® Re-Manufactured Windlass Package

		Price
AFD/R	Re-mfg'd 1/2" Free-Drop rope windlass (boats to 34')	\$ 875
CFD/R	Re-mfg'd 5/8" Free-Drop rope windlass (boats to 42')	\$ 895
Install skit	Install kit AFD/CFD (12vdc solenoid panel & Safety Lock Switch)	\$ 185
CFDM/R	Re-mfg'd 5/8" H.D. Free-Drop rope windlass (boats to 55')	\$ 975
Install mkit	Install kit CFDM (12vdc motor reversing control & Safety Lock Switch)	\$ 225

*Return owners existing windlass core and receive \$150 core credit refunded to payment credit card



Good® Replacement Depth Color Coded Anchor Line Kits

<u>1/2" Anchor Line Kit (w/ pre-spliced stainless steel thimble)</u>		Price
A2	1/2" x 200' color-coded line kit	\$ 240
A3	1/2" x 300' color-coded line kit	\$ 335
A4	1/2" x 400' color-coded line kit	\$ 425
A6	1/2" x 600' color-coded line kit	\$ 585
<u>5/8" Anchor Line Kit (w/ pre-spliced stainless steel thimble)</u>		Price
C2	5/8" x 200' color-coded line kit	\$ 345
C3	5/8" x 300' color-coded line kit	\$ 483
C4	5/8" x 400' color-coded line kit	\$ 595
C6	5/8" x 600' color-coded line kit	\$ 860



Pivoting Anchor Rollers & Accessory Parts

<u>Anchor Rollers</u>		Price
726-R/C	20" Pivoting Anchor Roller	\$ 335
625-R/C	30" Pivoting Anchor Roller	\$ 475
1R-Kit	Anchor roller replacement kit (specify model)	\$ 65



<u>Accessory Parts</u>		Price
1A-21A	12v replacement 2 pole AFD/CFD motor	\$ 305
1A-21M10	12v replacement 4 pole CFDM PM motor	\$ 405
1SOL/PAN	12vdc Solenoid panel (AFD/CFD)	\$ 125
MRC	Reversing solenoid panel (CFDM)	\$ 195
1NT1-7E	Safety Lock Switch & Plate	\$ 80
500-GAS	500 AFD/CFD/CFDM Deck Mount Gasket	\$ 20
CB-Pos	60a Surface mount circuit breaker	\$ 80
ETA-60A	60a ETA Panel Mount circuit breaker w/plate	\$ 95

GOOD® WINDLASS

Trade-In Program

Owners!
You can now trade-In
your 500 Series Good®
rope windlass for a...



GOOD®
Automatic
F850 INSHORE
SERIES
Free-Drop
Rope/Chain
Combination
Anchor Windlass



Stealth F850 Series
On Deck Dimensions 11" L x 7" W x 6" H

The trade-in program is a factory direct program for your existing 500 series rope only windlass. There are two models available for boats 24' to 55'. Contact the factory direct at 1-800-780-4655 to determine which model is best suited for your boats application.

GOOD® AUTOMATIC WINDLASS, INC.

357 Route 72 ~ Barnegat, New Jersey 08005 U.S.A.

Ph: 609-698-4402 ~ 800-780-4655 Fax: 609-698-3698

Web Site: www.goodwindlass.com

E-mail: sales@goodwindlass.com

GOOD® AUTOMATIC WINDLASS, INC.

FACTORY DIRECT

Trade-In Program

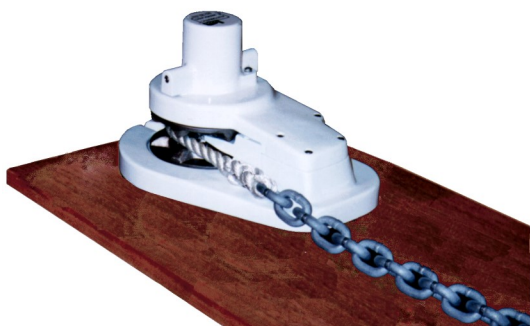
Trade-In your 500 Series Good® rope windlass for a.....

GOOD® F850 Inshore Series Free-Drop Rope/Chain Anchor Windlass.

A factory direct, trade-in program is available for your 500 series rope windlass. The F850 Inshore Series Rope/Chain windlass is an easy retrofit in most applications utilizing the existing 3-1/8" diameter motor hole. A new 3-1/4" diameter hole must be made to accommodate the gearbox mount. All other existing deck holes will be covered with the supplied 13-1/2" L x 10" W pre-drilled windlass deck plate and gasket. The existing power & switch wires for the windlass can remain the same. However, the supplied motor reversing control must be installed in place of the existing solenoid panel. Minimal wiring is involved and can be simplified with the optional wiring kit.

The F850 free-drop, rope/chain combination windlass kits include a motor reversing control, safety lock toggle switch, circuit breakers, stainless steel deck hardware, starboard deck plate, deck gasket, installation instructions and a new 200' depth color-coded anchor line with 10' of 5/16" BBB galvanized chain lead pre-spliced. Standard mount accomodates up to 3-1/2" deck/pulpit thickness, optional mount for up to 7-1/2" deck/pulpit thickness is available.

(call 1-800-780-4655 for optional 300', 400' & 600' line lengths and 15', 20' & 30' chain lengths)



INSHORE SERIES MODELS

<u>Boat Size</u>	<u>Model</u>	<u>Line Size</u>	<u>Chain Size</u>
Up to 36'	F850A-2	1/2" x 200'	5/16" BBB/G4
33 to 55'	F850C-2	9/16" x 200'	5/16" BBB/G4

F850 Inshore Series

On Deck Dimensions 11" L x 7" W x 6" H

CALL FACTORY FOR CURRENT SPECIALS & PRICING!

Please fill in information below and return the entire form with your windlass. (Keep a copy for your records)

Name: _____ Phone: _____

Order date: _____ E-Mail: _____

Address: _____

City/State/Zip: _____ Line Size/Length: _____

Boat Size/Make/Year: _____ Windlass Model/Ser.#: _____

Visa ,MC, Dis. AMEX #: _____ Exp. Date: _____

Signature: _____ Date: _____



www.goodwindlass.com

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e-mail: support@goodwindlass.com