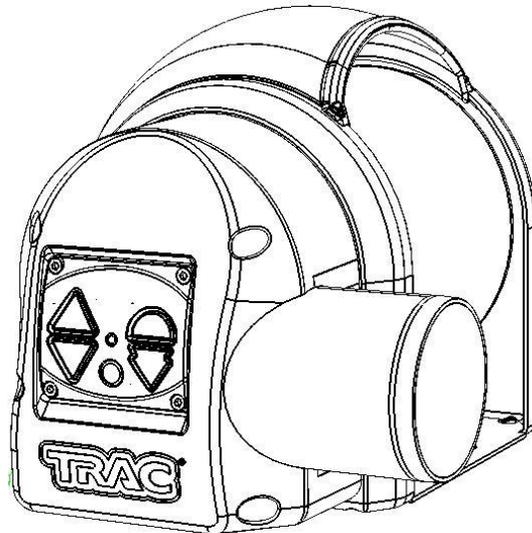


T10210-sw Big Water – Seaside™

Electric Anchor Winch for Salt Water Applications



If you have any questions or difficulty installing this product, we are here to help!

First **READ THIS MANUAL.**

If you still need help, call us from 9 am to 4 pm
(Central time) Monday – Friday.

(615) 462-6224

Note: At this time, we provide Phone Support in English only.

Installation and Operating Instructions

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain this anchor winch. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

Unpacking - When unpacking, inspect carefully for any damage that may have occurred during transit. Make sure the winch is correctly installed before putting unit into service.

GENERAL SAFETY INFORMATION - Throughout this manual potential safety hazards will be noted with the following terms. Please read and understand these terms before operating the product.

⚠ DANGER

Danger means a hazard that **WILL** cause death or serious injury if the warning is ignored.

⚠ WARNING

Warning means a hazard that **COULD** cause death or serious injury if the warning is ignored.

⚠ CAUTION

Caution means a hazard that **MAY** cause minor or moderate injury if the warning is ignored. It may also mean hazard that will only cause damage to property.

SAFETY ISSUES

Read this user manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment. Only persons well acquainted with these rules of safe operation should be allowed to use the winch.

⚠ DANGER

Rope breakage.

1. Never allow anyone between anchor and the winch. If the rope breaks it could snap back with enough force to cause injury.
2. Never substitute cable for rope. Cable is not an acceptable anchor line as it does not stretch and is easily frayed. If cable breaks it can snap back with more force than a rope.
3. This product is intended to lift typical marine anchors. Do not attempt to lift or move people or other objects.
4. Inspect entire rope, weakness or wear, or kinking (short tight twist or curl) before each use. Replace worn rope.

⚠ DANGER

Electrical shock and fire hazards.

1. Use only suitable wire for electrical connections between the winch and battery.
2. Do not use electrical wire sizes smaller than 10 AWG (gauge) with a 105-C rating with this winch. Use wire that is suitable for the length of run in your installation. Wire that is too small or too long could result in overloading and a fire. Larger gauge wire will improve product life. Use 10 gauge wire up to 15 ft. (4m), 8 gauge up to 25 ft. (7m). If using a wire size larger than 10 gauge, cut the existing wires within about 12 inches (30cm) from winch and splice the heavier wire directly to the 10-gauge winch battery wires. DO NOT try to replace the battery wires inside the housing.
3. Use a 40-amp circuit breaker or fuse near the battery when installing this winch.
4. Make sure any crimped electrical connections do not pull apart easily.
5. Always disconnect the battery positive wire from the battery before attempting to install, relocate, or service the winch.

⚠ DANGER

Boat trailering hazards – As a precaution, when the boat is being trailered, the anchor must be secured inside the boat or tow vehicle. If the anchor were to break free while trailering, it could cause serious damage and/or injury.

⚠ WARNING

Anchoring hazards.

1. Damage to the winch WILL occur if operator drives boat while anchor is down. Dragging the anchor will damage the winch.
2. Do not exceed the capacity of the winch. If the circuit breaker halts operation of the winch during retrieval or deployment; the winch may have been overloaded. The winch Control Unit, located inside the side housing, has an internal circuit breaker to prevent damage from overload. If tripped, the circuit may be reset at the switch by pressing the RESET button.

⚠ WARNING

Entanglement hazards.

1. Never place any object or tool in the rope spool while retrieving or deploying the anchor. The tool or object could become tangled in the rope resulting in serious injury and/or damage to the winch.
2. Do not wear loose fitting clothing, scarves, or neck ties during the operation of the winch. Loose clothing may become caught in moving parts resulting in injury or death.
3. Do not operate the winch if any person is near the rope or rope spool.
4. Do not operate the winch under the influence of drugs and/or alcohol.

⚠ CAUTION

Storage and Maintenance – For storage, it is best to disconnect positive wire from battery.

WINCH DESCRIPTION

This drum winch retrieves and deploys anchors using rope and chain if desired. This anchor winch features power-up, power-down, Free Fall Down and ON/OFF operation. All operations are located on the switch and wireless remote. A switch is located on the winch housing for easy operation there. The wireless remote with bracket may be located at the helm, or elsewhere.

PRODUCT SPECIFICATIONS

	Big Water - Seaside™
Maximum Rode Weight (weight of the anchor, line, chain)	50 lbs. (23kg)
Line speeds:	
Free-Fall Down	400 FPM (122m)
Power Down	80 FPM (24m)
Power Up	70 FPM (21m)
Winch Dimensions	L 7 ½" x W 11 ¼" x H 8 ¼" (192mm x 286mm x 211mm)

Other Specifications:

Permanent magnet 900-watt DC Motor, 12V nominal
Normal operation will use 10-30 amps. Internal Control Unit is current limited at 40 amps.
Frame, drum, and hardware made from marine grade stainless steel
Sealed 10-gauge battery lead wires, length 16' (5m)
Mounting Bolt Pattern (LxW): 4-3/4" (120mm) x 3-1/2" (90mm), 4 bolt staggered

INSTALLATION

TOOLS REQUIRED:

1. Electric Drill
2. Drill Bit sized for mounting bolts
3. Adjustable wrench
4. Sockets and driver

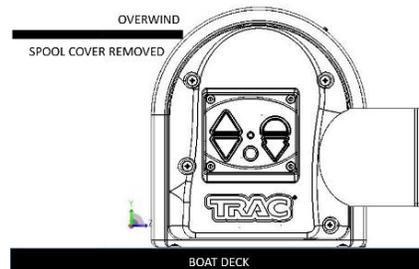
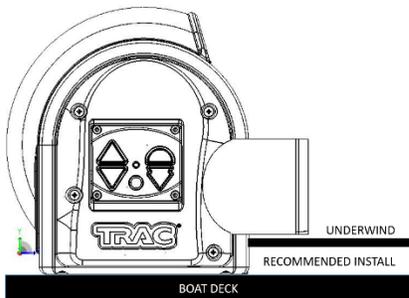
MATERIALS REQUIRED

1. Four sets of 5/16" (8mm) stainless steel bolts, washers, and lock-nuts. Bolt length may be determined by your measuring your deck thickness and adding about 1.25" (30mm).

INSTALLING ANCHOR WINCH ON BOAT DECK

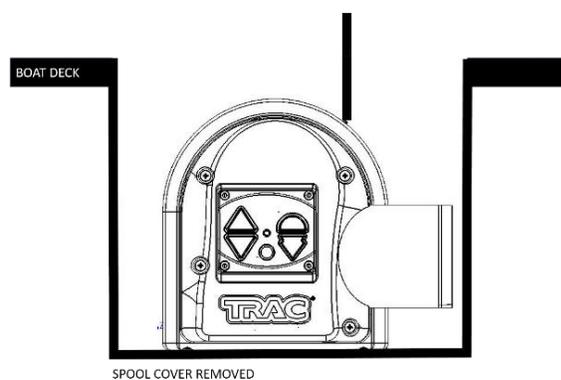
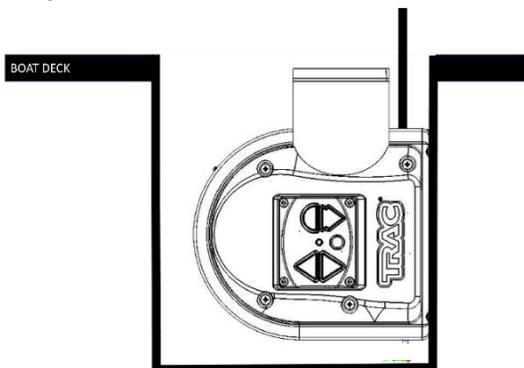
It is important that the anchor roller line up with the centerline of the rope spool for proper operation. To install follow these steps.

1. Locate the winch on the boat deck directly in line and centered with the anchor roller. Winch spool must be centered on the anchor roller.
2. Look below deck and check for any obstruction to bolts or wire routing.
3. Mark the winch mounting holes on the deck.
4. Remove winch and drill four 5/16" (8mm) holes or (3/8" (10mm) holes for easier fit).
5. Seal exposed deck material inside the hole with marine silicone sealant.
6. Secure the winch to the deck using four bolts, nuts and washers. Consider using fender washers and/or marine plywood under the deck to ensure the greatest strength and to spread the load.
7. Consider routing of the battery wires through the deck. Locate and drill hole for battery wires. Seal hole with marine silicone sealant or use suitable bulkhead fitting.



INSTALLING ANCHOR WINCH IN THE ANCHOR WELL

Identify where the winch and battery wire will be located. Follow steps 1-7 to install, substituting anchor well for the deck location. If required, the Spool Cover may be removed. First remove the two cover screws, next grasp the cover near one of the screw holes and flex the cover inward to release the cover from the frame side. Repeat on other side. Lift cover vertically away from winch.



TRAC

WIRELESS REMOTE

This anchor winch comes equipped with Wireless Remote Control that allows push-button anchor operation from any location within about 50 feet. Also included is a remote controller bracket that can be attached to the boat's helm, or elsewhere, and is used to store the remote control. If the bracket is placed at the boat's helm, the remote controller can be used as a panel switch, or removed for portable use anywhere near the boat. The remote is pre-programmed at the factory for your specific winch. One remote cannot operate two winches. Every remote has a unique code so there is no concern about having two remotes control one winch. For your reference, one controller cannot control two winches.

If re-programming the remote becomes necessary, follow the instructions below:

1. Remove anchor from anchor rope. The winch will be powered in and out during reprogramming and it would be unsafe to leave the anchor docked in the anchor roller (davit) during this operation.
2. Disconnect anchor winch positive wire from battery.
3. Press and hold LOCK button on the winch housing.
4. Connect anchor winch positive wire to battery, release LOCK button, and LED will be on.
5. Press UP and DOWN button on the remote at the same time.
6. LED will flash 3 times then turn off. Re-programming is complete.
7. Test remote function. NOTE: Do NOT power out excessively – it may create a rope back lash on the spool.

THE CIRCUIT BREAKER

Winch includes internal over-current circuit protection to protect winch from overload. An additional 40-amp circuit breaker or fuse is required to protect the battery wire from short circuit. Position for fuse or breaker is close to battery as possible.

WIRING SELECTION & SPECIFICATION

DANGER

Using wire that is too small diameter or too long could result in overloading and a fire. Using incorrect circuit breakers may result in melting of wire insulation and possibly a fire. DO NOT use electrical wire sizes smaller than 10 AWG (gauge) with a 105-C rating and longer than 15 feet. Use the wire gauge that is suitable for the length of run in your installation. Larger gauge wire will improve product life. Use 10 gauge wire up to 14' (4m). If longer battery wires are required, use 8 gauge up to 25 ft. (7m). If using wire larger than 10 gauge, do not replace the existing battery wire inside the Control Unit. Instead cut the existing wire about 12 inches (30cm) from the housing and splice the larger wire directly to the supplied wire.

DANGER

- Always disconnect battery positive wire from the battery before attempting to install, relocate, or service the winch.
- Make sure all crimped electrical connectors meet industry standards.

CAUTION

- Follow order of wiring steps to ensure power is not applied to winch until wires and circuit breakers are installed.
- Keep wires away from intense sources of heat. Be sure newly installed wires are away from any bare wires.
- Never attach the circuit breaker to the negative terminal of the battery.

WIRING

Route the battery wires from winch to battery. Connect the RED positive (+) wire to the (LOAD) post on the circuit breaker. The small hole on the circuit breaker buss bar (flat stamped metal part with two holes) is attached to the copper post on the circuit breaker and the large hole on the buss bar is attached to the battery positive terminal. The BLACK negative (-) wire connects to the battery negative terminal. If the battery wires can be cut shorter, the winch will perform a little better.

⚠ CAUTION

ROPE TO DRUM ATTACHMENT

Route the rope through the davit or anchor rollers to the winch drum. Insert the rope through the metal loop located on the drum center tube and tie in knot. Pull the rope to confirm your knot is holding as well. Make sure the rope is not tangled and not looped around anything and is free to load on the drum. Use a leather glove or rag to hold tension on the rope about 3 to 6 feet (1-2m) away. Press and hold "UP" button until the rope is loaded on the drum - release the UP button at any time to stop. By loading rode a random manor will indicate the anchor rode fit is correct and not contacting the frame. Loading in a level-wind manor will give a false impression that more rode will fit, compared to random loading of the anchor rode.

ANCHOR CHAIN TO ROPE ATTACHMENT

Use a threaded link to attach rope eye-splice to chain and chain to anchor.

RODE RECOMMENDATIONS

BOAT WEIGHTS		BOAT LENGTHS				
Light Boat	20'-24'	24'-28'	28'-32'	32'-36'	36'-40'	41'-45'
Medium Boat	16'-20'	20'-24'	24'-28'	28'-32'	32'-36'	36'-40'
Heavy Boat	12'-16'	16'-20'	20'-24'	24'-28'	28'-32'	32'-36'
TRAC MODEL	RODE DIAMETER OPTIONS					
	3/16" (5mm)	1/4" (6mm)	9/32" (7mm)	5/16" (8mm)	3/8" (9.5mm)	1/2" (12.5mm)
Big Water	280 ft ^	200 ft +~	150 ft+	130 ft+	100 ft +	50 ft ^

~ TRAC Anchor Rope Offerings

+ plus 15 ft. of chain

^ no chain

SAFETY CABLE ATTACHMENT

⚠ DANGER

When the boat is being transported by trailer, the anchor must be placed in the boat and secured. If the anchor were to break free during trailering, it could cause serious damage and injury. An anchor safety cable may be used to secure the anchor in the davit when the boat is underway, in the water, and is an insufficient safety measure while trailering your boat. It is the responsibility of the boat operator to assure the anchor is safely secured each time the anchor is retrieved. This winch includes an anchor safety cable for use while the boat is underway.

DRUM WINCH OPERATION

UP/DOWN - To lower the anchor, press and hold the button with the downward pointing arrow. Release the button when you wish to stop letting rope out. To raise the anchor, press and hold the button with the upward pointed arrow. Release the button when the anchor is docked or when you wish to stop the retrieval of the anchor. UP retrieves rope, while DOWN lets rope out.

FREE FALL - To completely release the anchor rode press the "FREE FALL" button twice. With two (2) button presses the spool will be released allowing the anchor to fall quickly. After the anchor has reached bottom, the boat should be allowed to drift, letting out additional rope*. When ready to begin to hold an anchored position, press the LOCK button. After FREE FALL, pressing the UP or DOWN buttons will also lock the winch.

*The amount of additional rope let out depends on your conditions such as wind and current. As wind and current increase, the amount of rope required to be let out can increase to 6 times depth, or more.

LOCK – Pressing the LOCK button will lock the winch and prevent any additional rope from letting out.



Helpful hints:

1. After the anchor is deployed, avoid using the DOWN button to let rope out. Excessive powering down could create a rope tangle. A better technique is to use FREE FALL to let more rope out.
2. Keep all surfaces clean using water, mild environmentally safe cleaners and a soft cloth. Do not use abrasive cleaners.

TROUBLE SHOOTING GUIDE

Loading the rope and chain:

- If there is a buildup on one side of the drum, the winch has been installed off-center. The drum must be both centered and square to the roller or davit. Build up to one side of the drum indicates the drum is not on center, or the winch is not square to the roller.

Loading

- If when retrieving the anchor, the drum becomes filled and the rope or chain contacts the bottom frame of the winch, you have exceeded the drum capacity.

Anchor fails to fall

- When the DOWN switch is activated, confirm the anchor will fall free with normal gravity force.
- Press FREE FALL to confirm drum is released and free to spin.

Over-run

- If the rope tangles or spills over the side of the drum, apply tension on the rope while pressing the UP or DOWN button in the appropriate direction to unwind the tangle.

Actuator Malfunctions

- Check for power present on the connector (CU side) when unplugged and FREE FALL or LOCK buttons are pressed.
- Check electrical connector.
- Clean any salt build up.

No Power

- Check reset LED button on switch. Reset if needed.
- Check electrical connections.
- Confirm battery power is present.

Breaker Trips

- If the anchor is stuck on the bottom and you hold your finger on the UP switch, the circuit breaker will trip. Reset the circuit breaker, drive your boat toward the anchor, and press the UP button when the rope becomes slack.



It is customary to maneuver the boat closer to the anchor when raising the anchor. Care must be taken to NOT drag the anchor with the boat's power. This will cause product damage or injury. Do NOT use the anchor winch to pull the boat to the anchor position. Motor the boat toward the anchor while retrieving the anchor rope.

TRAC Anchor Winch Limited Warranty

This limited warranty is provided by TRAC Outdoor Products Co (TRAC) to the original consumer purchaser (purchaser) of the TRAC Anchor Winch. This limited warranty is not transferable to any other party. TRAC will at its option repair or replace any part(s) of the TRAC Anchor Winch which may be found by TRAC to be defective within two (2) years of purchase. In the unlikely event warranty service is required, TRAC will pay the shipping charge to the purchaser for any part(s) which may be shipped by TRAC. For warranty repair or replacement, the purchaser must provide dated proof of purchase and notify TRAC of the request for warranty service. The original purchaser will notify TRAC by email at info@TRAC-Outdoor.com or by phone at 615-462-6224 for warranty service. TRAC will attempt to provide parts needed to repair the winch. If you wish to return the winch for service, the purchaser will be provided a Return Goods Authorization (RGA) to include with the winch when returning for warranty service which will be shipped at the purchaser's expense to the address provided. The purchaser must use reasonable care in maintenance and operation of the product in accordance with this manual. Failure to follow the instructions in the manual will void the warranty. This warranty covers defects in material or workmanship of the TRAC Anchor Winch. This warranty does not cover failure that results from misuse, improper installation, accident, abuse, neglect, modification, or improper maintenance. There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to two (2) years from the date of purchase. Any damage to watercraft resulting from proper or improper use of this TRAC Anchor Winch is not covered under this warranty. Costs of installation or repair by service centers or marine repair facilities are not covered by this warranty. This is the exclusive remedy and any liability for any and all incidental or consequential damages or expenses whatsoever is excluded. Some states do not allow limitations on how long an implied warranty lasts, or do not allow exclusion or limitation of incidental or consequential damages, the above limitations may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

ANCHOR WINCH PARTS

If ordering a part, provide the product model as well as the part number.

PART #	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY
1	Spool	1	15	Spool Driver Tube	1
2	Spool Cover w/2 screws	1	16	Set Screw	1
3	Frame	1	17	Cotter Key	1
4	Side Cover w/4 screws, part 1 of 2	1	18	Bearing Washer	1
5	5-Button Switch w/4 screws	1	19	Bearing	1
6	Control Unit (CU)	1	20	Bearing Cap	1
7	Actuator w/4 screws, 12v	1	21	Bearing Cap Screws	4
8	Gear-Motor w/3 screws	1	22	Bearing Cap Label	1
9	Output Shaft for Gear-motor	1	23	Motor End-cap Label (not shown)	1
10	Bearing for Gear-motor Shaft	1	24	Wiring harness (not shown)	1
11	Actuator Plate	1	25	Battery Wires (not shown)	1
12	Actuator Plate Screw	1	26	Side Cover w/2 screws, part 2 of 2	1
13	Drive Coupling	1	27	Warning Label	1
14	Actuator Return Spring, Screw, Flat Washer, lock washer and two nuts	1	28	Serial number label	1

