

INSTALLATION AND OPERATING INSTRUCTIONS

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 - 4 pm
(Central time) Monday – Friday.

(615) 462-6224

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

This anchor winch retrieves and deploys *river* and *mushroom* anchors using anchor rope. It features power-up, power-down, and *AutoDeploy* operation with a switch that is installed on the winch cover. Adding a second switch (not included) at the boat's helm can add even greater convenience and can be purchased from TRAC.

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.



ANCHOR WINCH OPERATION

The anchor winch is simple to operate. To lower the anchor, press and release the AutoDeploy button. The winch will automatically power down the anchor until it reaches bottom, then will continue to let out rope until the boat begins to hold. It will then lock the winch and hold your position. At any time, the AutoDeploy function can be stopped by pressing any button. High wind or current may require additional rope to be let out by pressing the power DOWN button. Let the rope out in short bursts. Letting too much rope out too quickly will tangle the rope in the winch. To raise the anchor, press and hold the UP button. Release the UP button when the anchor is docked or anytime you wish to stop the retrieval of the anchor. A helpful hint: consider the "scope" which is the ratio of rope deployed to depth of the water. A scope of 4 to 1 is common in wind or current – so 20' of water might require 80' of rope - the more scope, or line out, the better the anchor will hold. Using more scope (more line out) is preferred over using a heavier anchor.

CAUTION

Always raise the anchor before moving the boat. Do NOT try to drag the anchor with the boat's power. This will cause product damage, boat damage, or personal injury. Avoid using the anchor winch to pull the boat to the anchor position. Maneuver the boat toward the anchor when retrieving the anchor rope.

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.

TRAC Anchor Winch Limited Warranty

This limited warranty is provided by TRAC Outdoor Products Co (TRAC) to the original consumer purchaser (purchaser) of an authentic 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. TRAC will pay the shipping charge to purchaser within the contiguous United States for any replacement 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 by email at info@TRAC-Outdoor.com or by phone at 615-462-6224. TRAC will attempt to provide parts needed to repair the winch. If the winch is to be returned, purchaser will be provided a Return Goods Authorization (RGA) to include with return 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.

INSTALLATION AND OPERATING INSTRUCTIONS

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 warning is ignored. It may also mean hazard that will only cause property damage.

⚠ DANGER

Rope breakage.

1. Never allow anyone to be positioned between the anchor and the winch. If the rope breaks it could snap back with enough force to cause injury.
2. The winch is shipped with a closed loop anchor roller. If the included anchor roller is ever replaced it must be replaced by a closed loop anchor roller. The closed loop anchor roller will prevent the anchor line from snapping onto the boat deck in the event the rope breaks.
3. Always use an anchor rope with a minimum of 500 lb. (227 kg) tensile strength for this product. Never substitute steel cable for rope.
4. This product is intended to lift short shanked river & mushroom anchors. Do not attempt to lift or move anything else.
5. Inspect entire rope for weak or worn condition or knots before each use. Replace worn rope with anchor rope.

⚠ DANGER

Cruising and boat trailering hazards – As a precaution, when the boat is cruising the anchor should be secured. When the boat is being trailered, the anchor must be placed inside the boat or tow vehicle. If the anchor breaks free during cruising or trailering, it could cause serious damage and/or injury.

⚠ WARNING

Anchoring hazards – Damage to the winch motor may occur if you motor your boat while the anchor is down (dragging the anchor may damage the winch). Do not lift a load greater than 25 lb. (11.3 kg). If the circuit breaker halts operation of the winch during retrieval or deployment; the winch may have been overloaded, the supplied circuit breaker will auto-reset after a minute.

⚠ WARNING

Entanglement hazards - Never place any object or tool in the winch 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. Do not wear loose fitting clothing, scarves, or neck ties that could become caught in moving parts resulting in injury. Do not operate the winch under the influence of drugs and/or alcohol.

⚠ CAUTION

Storage and Maintenance – Disconnect positive wire from battery for storage or maintenance.

⚠ DANGER

Electrical shock and fire hazards.

1. Do not use electrical wire sizes smaller than 14 AWG (gauge) with a 105°C temperature rating. Using wire that is too small could result in overloading and a fire. Larger gauge wire is permitted and encouraged. See Wire Selection below.
2. Use the supplied circuit breaker or a 20 amp in-line fuse when installing this winch.
3. Use only suitable marine-grade wire for electrical connections between the winch and battery.
4. Make sure any crimped electrical connectors meet industry strength and current requirements.
5. Always disconnect the battery lead wires from the battery before attempting to install, relocate, or service the winch.

⚠ DANGER

WIRING SELECTION & SPECIFICATION - Do not use wire size smaller than 14 AWG (American Wire Gauge) with 105°C rated insulation. Using wire that is insufficient could result in overloading and a fire. The use of larger diameter wire is encouraged and can improve the flow of electrical current and winch operation. If a longer battery wire is required, replace the entire length with the appropriate larger wire size. Depending on length this would be 12 AWG or 10 AWG. Use the supplied circuit breaker or an in-line 20 amp fuse. Using incorrect circuit breakers may result in melting of wire insulation and possibly a fire.

INSTALLATION

UNPACKING - Inspect carefully for any damage that may have occurred during transit and that all parts are present.

TOOLS REQUIRED

1. Electric Drill and Drill Bit sizes: ¼" (for tight fit) or 5/16" (for some alignment tolerance)
2. Phillips Screw Driver for housing screws
3. Adjustable (Crescent style) wrench
4. Socket wrench and socket

MATERIALS REQUIRED

1. Winch and Anchor Roller (included)
2. Seven of each – Installation Bolts (8mm x 80mm), 8.5mm Flat Washers, 8.5mm Lock Washers, 8mm Nuts (not included). Longer bolts may be required if boat deck is very thick.
3. Shackle for anchor attachment (not included).
4. Battery Wire and Circuit Breaker (included).
5. River or Mushroom anchor (not included) recommend 15-20 lb. (6-9 kg), 25 lb. (11.3 kg) maximum rating.

INSTALLING ANCHOR WINCH ON BOAT DECK

The anchor winch can be installed on the fore (front) of the boat. A second winch may be installed on the aft (rear) of the boat. The anchor roller (davit) and rope drum/spool MUST be in centered alignment for proper operation.

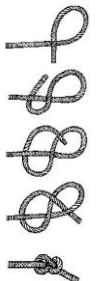
1. Locate anchor roller and the winch on boat deck in desired location.
 - a. Anchor roller must extend over deck edge to allow anchor to clear boat when raised and docked in davit.
 - b. Allow proper space between the davit and winch to accommodate your anchor. With two hands, hold the anchor in the davit on the boat deck, then move the winch closer until the anchor is no less than 2" (5 cm) from the rope on spool.
 - c. The center of the winch rope spool/drum MUST be in alignment with the center of the anchor roller (davit).
2. Look below the deck and check for any obstructions or interference with bolt locations.
3. Remove the winch cover by removing the four Philips head screws.
4. Using a marker, mark the davit frame (anchor roller frame) mounting holes on the deck.
5. Remove winch and anchor roller. Drill the holes.
6. Secure winch and anchor roller to the deck using the seven bolts, washers, and nuts mentioned above.
7. Battery wires may be routed above or below deck. If routed below deck, drill a hole located under the winch housing.
8. Route battery wires from winch to battery. Connect RED positive (+) wire to silver post on circuit breaker. Locate small hole on the circuit breaker buss bar (flat stamped metal part with two holes) and attach to battery positive (+) terminal. Connect BLACK negative (-) wire to battery negative terminal.
9. Attach winch cover.

⚠ CAUTION

- 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.

⚠ CAUTION**ROPE INSTALLATION**

Anchor rope comes pre-installed from the factory, but if you need to install new rope, insert the rope through the hole located on the inside of the spool/drum and tie an overhand knot on the outside of the spool so the knot can be pulled tight into the countersunk hole on the outside end of the spool. Make sure the rope is not tangled and not looped around anything and is free to wrap on the spool. Hold tension of the rope while wearing a glove. Press the UP button on the switch and hold until the rope is neatly wrapped on the spool. Release the switch button at any time during this process. The spool will hold 100' of 4mm (5/32") anchor rope. Use anchor rope with a minimum of 500 lb. (227 kg) of tensile strength.

**ANCHOR ATTACHMENT**

Use a river or mushroom type anchor up to a maximum weight of 25 lb. (11.3 kg) – 15-20 lb. (6-9 kg) anchor is recommended. Do not exceed 25 lb. (11.3 kg) weight or winch damage will occur. Use a lighter anchor when possible. Use an anchor shackle to connect anchor-eye to rope thimble loop.

Make sure the winch is correctly installed before putting unit into service.

ANCHOR WINCH PARTS

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

PARTS LIST	DESCRIPTION	PART#	QTY
1	Winch Cover	SCAW-1	1
6	TAWS-3 Switch (AutoDeploy)	SCAW-6	1
7	Control Unit with Screws	SCAW-7	2
8	Rope Spool	SCAW-8	1
9	Winch Frame	SCAW-9	1
10	Cover Screw	SCAW-10	4
11	Cover Screw Stand w/washer and nut	SCAW-11	2
14	Actuator Block	SCAW-14	1
15	Actuator Block Spring	SCAW-15	1
16	Sealed Micro switch w/two screws	SCAW-16	1
17	Rope, 4mm (5/32") diameter X 100 ft. (30.5m)	SCAW-17	1
18	Gear Motor Assembly	SCAW-18	1
19	Spool Shaft	SCAW-19	1
20	Worm gear	SCAW-20	1
21	Gasket, gearbox cover	SCAW-21	1
22	Cover, gearbox	SCAW-22	1
23	Pivot Assembly	SCAW-23	1
24	Davit Frame	SCAW-24	1
25	Anchor Roller	SCAW-25	1
26	Davit Bail	SCAW-26	1
27	Axle with hardware	SCAW-27	1 set
28	Safety Cable with Snap Hook (not included)	SCAW-28	1
29	Anchor Shackle (not included)	P-SCAW-29	1
30	Circuit Breaker with buss bar (not shown)	SCAW-30	1
31	Installation Hardware Pack (not included)	SCAW-31	1
32	Battery Wire (not shown)	SCAW-32	1

