

TALON

FOOT SWITCH

Manual

Compatible with all Bluetooth® enabled Talons.

INTRODUCTION

THANK YOU

Thank you for purchasing the Talon Foot Switch. Intuitive features and wireless control lets you easily raise and lower the Talon spike. Control up to two Talons – independently or simultaneously – from this Bluetooth® enabled waterproof switch. Hands free control lets you focus on fishing.

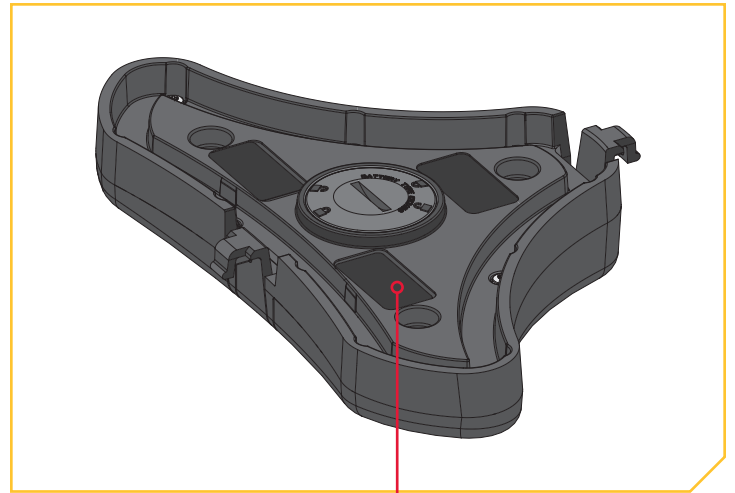
REGISTRATION

Remember to keep your receipt and immediately register your Talon Foot Switch. To receive all the benefits of your product warranty please fill out and mail the registration card.

SERIAL NUMBER

Your Minn Kota 11-character serial number is very important. It helps to determine the specific model and year of manufacture. When contacting Consumer Service or registering your product, you will need to know your product's serial number. We recommend that you write the serial number down so that you have it available for future reference.

NOTICE: The serial number on your Talon Foot Switch is located on the reverse side of the switch from the buttons. If the Foot Switch is attached to the Pedestal, remove the Foot Switch from the Pedestal to see the serial number.



EXAMPLE

SER NO S365 MK12345

SAFETY CONSIDERATIONS

Please thoroughly read the user manual. Follow all instructions and heed all safety considerations. Use of this product is only permitted for persons that have read and understood these instructions. Minors may use this product only under adult supervision.

WARNING

You are responsible for the safe and prudent operation of your boat or vessel, and Talon(s). This product does not relieve you from the responsibility of safe operation of your boat. It may be hazardous to operate your Talon in rough or turbulent water conditions, such as fast currents or changing environmental conditions. Do not deploy your Talon if these conditions are present, especially when the underwater topography is unknown. Failure to follow this warning may result in unexpected operation or failure of the Talon to operate or anchor and could cause death or serious injury. You must avoid hazards to anchoring and always maintain a permanent watch so you can maintain proper control of your boat. You must always be prepared to regain manual control of your boat. Learn to operate your Minn Kota product in an area free from hazards and obstacles.

WARNING

The Talon should be disconnected from the power source when it is not in use or is off the water. Always disconnect the Talon from battery(s) before cleaning or checking the Talon. In the event of unexpected operation, remove power leads from the battery.

WARNING

Take care that neither you nor other persons approach the Talon Spike too closely while operating, neither with body parts nor with objects. The Talon is powerful and may endanger or injure you or others. While the Talon is operating, watch out for persons swimming and for floating objects. Persons who lack the ability to run the Talon or whose reactions are impaired by alcohol, drugs, medication, or other substances are not permitted to use this product.

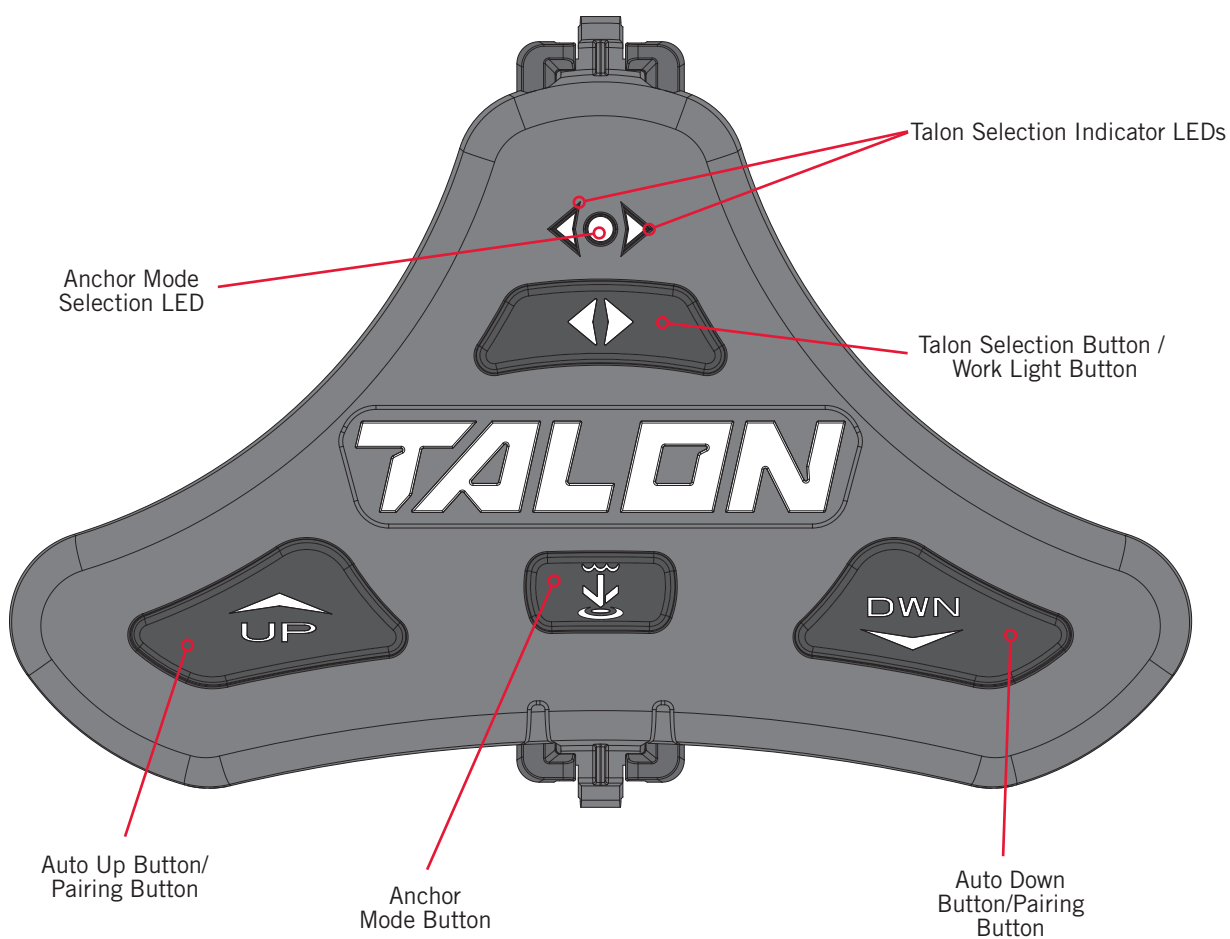
CAUTION

Never leave the boat unattended with the Talon as your only boat anchor. Talon is not intended to provide primary anchorage.

WARNING

It is recommended to only use Johnson Outdoors approved accessories with your Talon. Using non-approved accessories including those used to mount or control your product may cause damage, unexpected operation and injury. Be sure to use the product and all approved accessories, including remotes, safely and in the manner directed to avoid accidental or unexpected operation. Keep all factory installed parts in place including motor, electronic and accessory covers, enclosures and guards. Failure to adhere to this warning may affect your warranty.

FEATURES



NOTE: Specifications subject to change without notice. This diagram is for reference only and may differ from your actual Foot Switch.

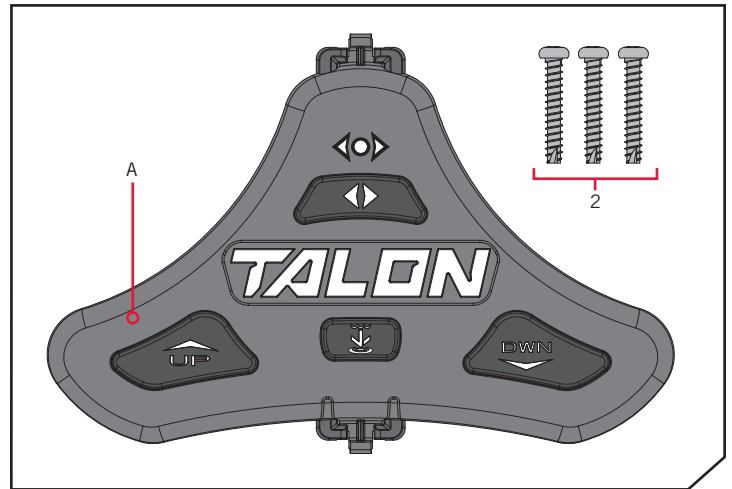
INSTALLATION

INSTALLING THE TALON FOOT SWITCH

Your new Talon Foot Switch comes complete with all of the hardware you'll need to install it directly to the deck of your boat. Please review the parts list, mounting considerations and tools needed for installation prior to getting started.

INSTALLATION PARTS LIST >

Item / Assembly	Part #	Description	Qty.
A	2994153	ASSEMBLY, TALON 3 FT SWITCH	1
2	2383455	SCREW-#8 X 1.0" PPH TY AB SS	3
4	▲	QUICK REFERENCE GUIDE	1
6	▲	INSTALLATION INSTRUCTIONS	1



✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

MOUNTING CONSIDERATIONS >

Before mounting your Talon Foot Switch, please give consideration to the following:

1. Examine your boat to ensure that you will not drill into any obstructions and that the hardware will be accessible for assembly.
2. Make sure the area under the mounting location is flat, clear to drill holes and that the installation hardware will not damage existing components below the mounting surface. It may be necessary to shim or modify the mounting surface under the mounting location to create a flat area for the Foot Switch Pedestal to be mounted.
3. Mount the Talon Foot Switch in an area that has a clear line of communication with the Bluetooth enabled Talon(s) it is intended to control for optimum performance.
4. Mount the Talon Foot Switch in an area where it will not become a tripping hazard.

TOOLS AND RESOURCES REQUIRED >

- Pencil or similar marking tool
- #2 Phillips Driving Bit
- Drill

INSTALLING THE FOOT SWITCH

INSTALLATION »

» Installing the Foot Switch

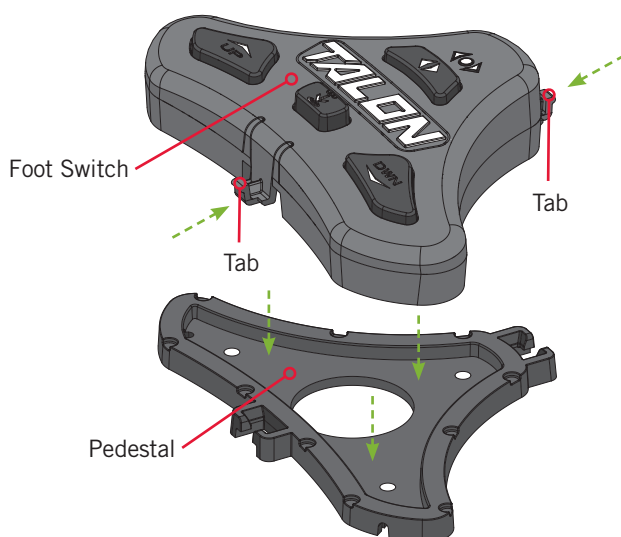
1

ITEM(S) NEEDED



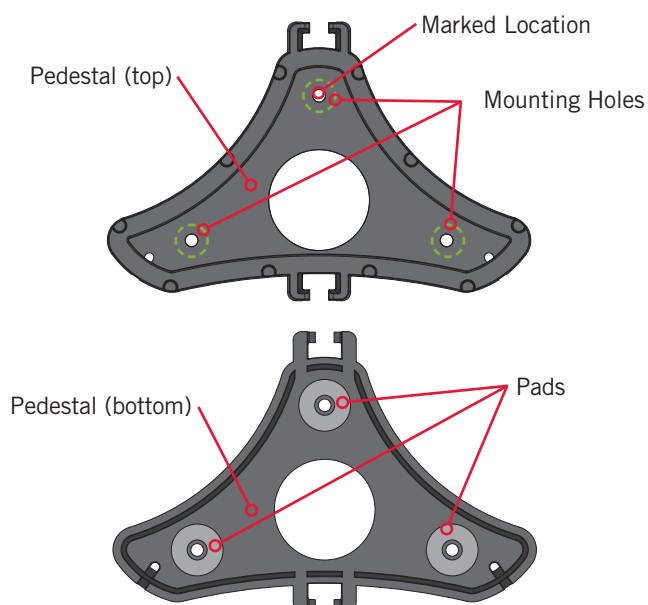
- Review the Mounting Considerations to determine an acceptable mounting location. Once a location is selected, take the Talon Foot Switch Assembly (Item #A) and remove the Pedestal from the Base by squeezing the Tabs on both sides of the Foot Pedal and pulling the Foot Switch and Pedestal apart.

NOTICE: The Pedestal comes attached to the Foot Switch and needs to be removed for installation.



2

- The Pedestal has three Mounting Holes that are used to secure it to the boat. The bottom side of the Pedestal has three Pads around the Mounting Holes. These Pads should be placed down, towards the boat when the Pedestal is installed. Position the Pedestal at the selected location and mark the Mounting Holes with a pencil or similar marking tool.



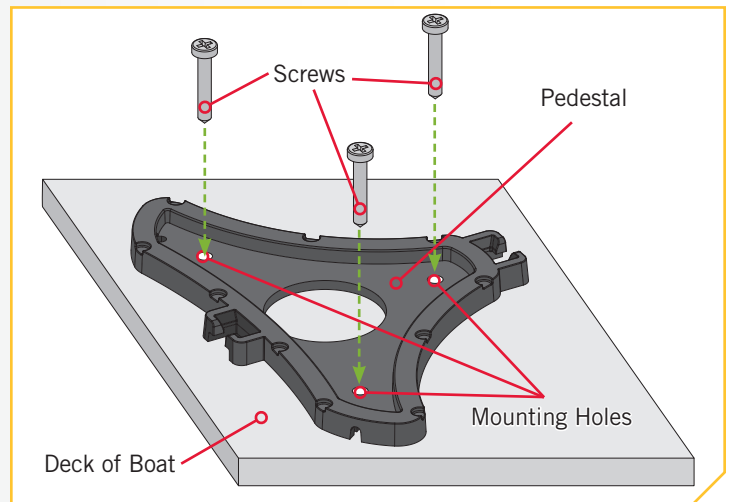
INSTALLING THE FOOT SWITCH

3

ITEM(S) NEEDED

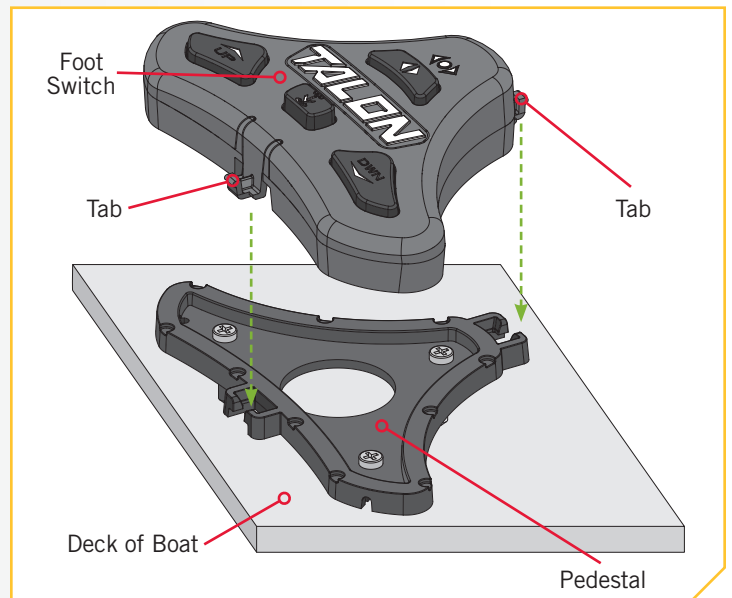


- c. Double check the Mounting Location. Take the Screws (Item #2) and place one each in the Mounting Holes of the Pedestal. Make sure the Mounting Holes line up with the Marked Locations and then use a Drill with #2 Phillips Driving Bit to secure the Pedestal to the Deck of the Boat. Do not over-tighten.



4






- d. Once the Pedestal is installed, take the Foot Switch and reattach it to the Pedestal. Make sure the Tabs on the Foot Switch click into place and the Foot Switch is fully seated on the Deck of the Boat.



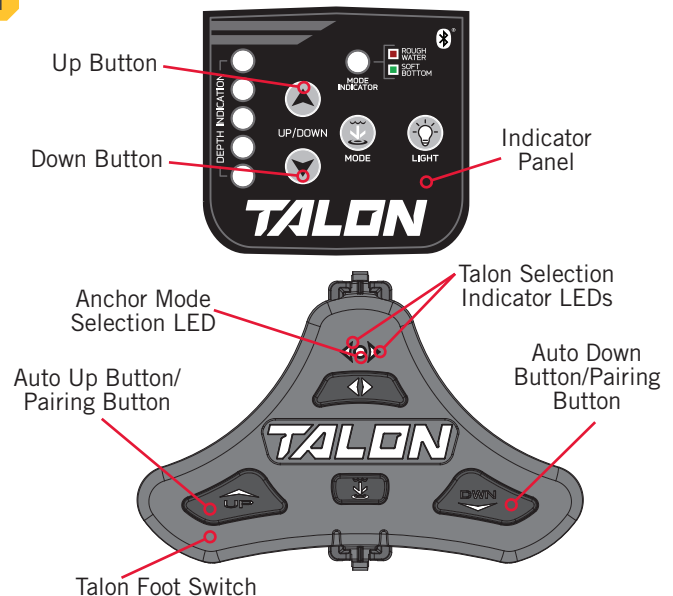
INSTALLING THE FOOT SWITCH

› Pairing a Foot Switch to a Single Talon

1

- Retract the anchor on the Talon by pressing the Up  button on the Talon Indicator Panel.
- Once the Talon is fully retracted, press and hold the Up  button and the Down  button on the Foot Switch at the same time until all of the LED's at the top of the Foot Switch begin to scroll. Then release them.
- Immediately press and hold the Up  button and the Down  button simultaneously on the Indicator Panel. The Depth Indication LEDs on the Indicator Panel of the Talon will begin to scroll. Once the LEDs are scrolling release the buttons on the Indicator Panel. The Talon and Foot Switch will go into Pairing Mode for 20 seconds. If a signal with three fast beeps occurs, the Talon and Foot Switch have successfully paired. If 20 seconds pass while in Pairing Mode and they do not successfully pair, an error tone will sound indicating that the pairing was not successful, and the Foot Switch will not be able to control the Talon.
- If the Pair is unsuccessful, repeat the process.

1a



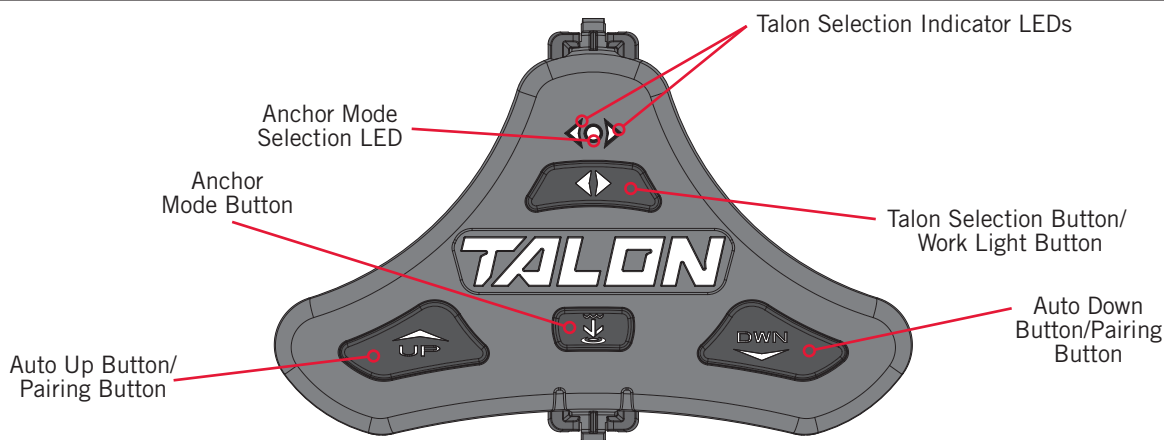
› Pairing a Foot Switch to Two Talons

In order to Pair a Foot Switch to the Talon, please be sure to first Pair the Talons together. When two Bluetooth Talons are paired together, the Foot Switch that was paired to an individual Talon will operate both Talons. Please see the "Pairing Two Talons and Programming the Mounting Location" section of the Talon Owner's Manual. If the two Talons are already paired together, a Foot Switch can be paired to either Talon. When the pairing process is complete, the Foot Switch will be able to control both Talons.

NOTICE: For instructions on how to pair two Talons and assign their Port and/or Starboard mounting locations, please refer to your Talon owners manual.

USING THE FOOT SWITCH

CONTROLLING THE TALON WITH THE FOOT SWITCH



Anchor Mode Button

Used to select between Standard Mode, Soft Bottom Mode and Rough Water Mode.



Auto Up/Auto Down Buttons & Pairing Buttons

Used to deploy, retract or pause the anchor on the Talon. Also used to pair the Remote to a Talon.



Talon Selection Button / Work Light Button

Used to select the Port, Starboard, or both Talons. Used to toggle the Work Light "on" and "off" and switch between the different Work Light colors and intensities.



Talon Selection Indicator LEDs

When 2 Talons are paired in the system, the right LED is lit when the Starboard Talon is selected and the left LED is lit when the Port Talon is selected. Both the right and left arrows are lit when both Talons are selected. When only one Talon is paired, the lights will toggle, but the selection will control the only paired Talon. When a selection is made, the LEDs will stay lit for 1 second and then turn off.




Anchor Mode Selection LED


The Center LED flashes red and green and then turns off for Standard Mode. The center LED will be lit green for Soft Bottom Mode and lit red for Rough Water Mode. When in Soft Bottom Mode and Rough Water Mode, the LED will stay lit for 1 second and then turn off.

USING THE FOOT SWITCH

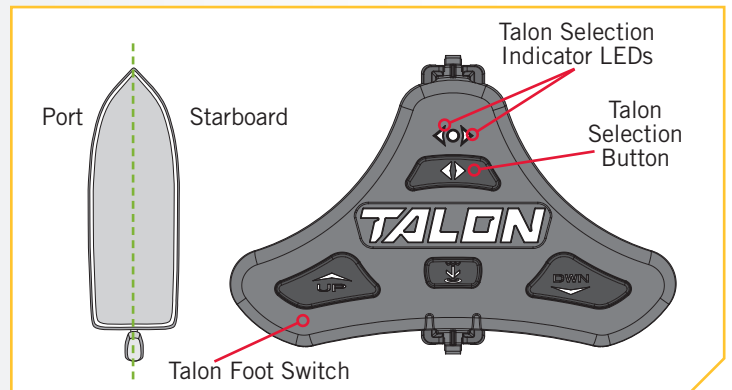
› Selecting a Talon to Operate with the Foot Switch

The Talon Selection  button toggles the Talon that the Foot Switch is controlling, when 2 Talons are installed on the boat. The selection toggles between a Talon mounted on the Port or Starboard side of the boat, or it can control both Talons at the same time. The Talon Selection Indicator LED's are lit based on the selection made.

1

- a. To toggle the Talon selected, press the Talon Selection  button, repeatedly until the desired Talon is selected.
- b. When the button is pressed, one or both of the Talon Selection Indicator LEDs will be lit. If the Foot Switch is oriented so the LEDs are facing away from you, the arrow on the right will be lit when the Starboard Talon is selected. If the arrow on the left is lit, the Port Talon is selected. If both arrows are lit, both Talons are selected.

NOTICE: When two Talons are paired to the Foot Switch, it is possible to control them individually. Therefore, the Talons may be in different states of deployment.







NOTICE: The Talon will always remember the last selection made unless the Talon loses power.

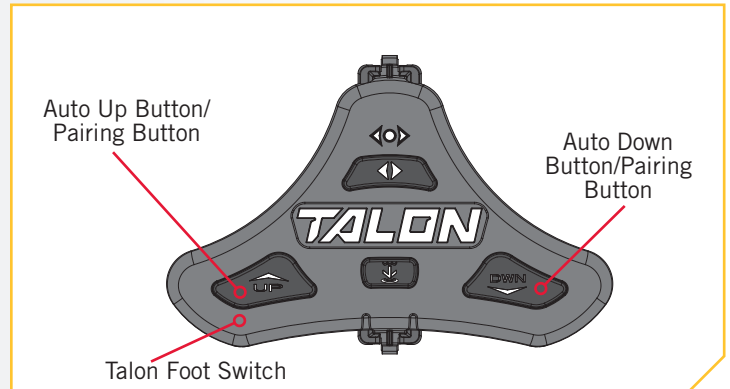
› Deploy the Talon from the Foot Switch

Use the buttons on the Foot Switch to deploy the Talon anchor.

1

- a. To deploy the Talon, double press the Down  button on the Foot Switch.
- b. While the anchor is deploying, the action can be paused on the Foot Switch by pressing either the Down  button or Up  button again.
- c. The paused deployment can be resumed by double pressing the Down  button again.
- d. Once the deploying anchor gets to its full length of travel or comes in contact with the bottom, it will go through an anchoring sequence determined by the current Mode and then stop.

NOTICE: When two Talons are paired, the anchor of the selected Talon will deploy. The selection can be Port, Starboard, or both.



NOTICE: You do not need to hold the button to keep the Talon deploying. The Talon will automatically continue to deploy when the button is double pressed until it has reached its full deployment, received input to stop or anchors to the bottom.



WARNING






Take care that neither you nor other persons approach the Talon too closely, while operating, neither with body parts nor with objects. The Talon is powerful and may endanger or injure you or others. While the Talon is operating, watch out for persons swimming and for floating objects. Persons who lack the ability to run the Talon or whose reactions are impaired by alcohol, drugs, medication, or other substances are not permitted to use this product.

USING THE FOOT SWITCH

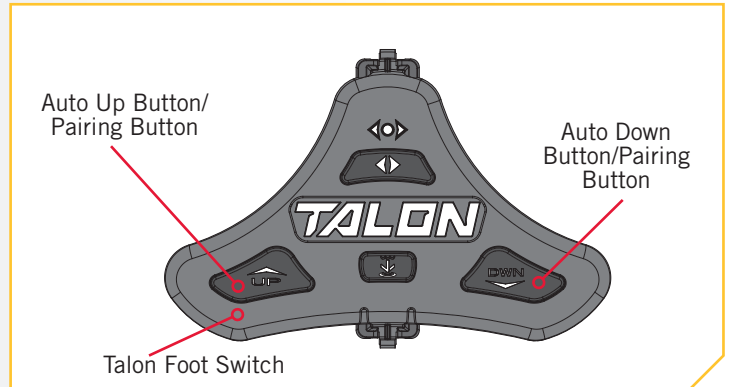
› Retracting the Talon from the Foot Switch

Use the buttons on the Foot Switch to retract the Talon anchor.

1

- a. To retract the Talon, press the Up  button on the Foot Switch.
- b. While the anchor is retracting, the action can be paused on the Foot Switch by pressing either the Up  button or the Down  button.
- c. The paused retraction can be resumed by pressing the Up  button again.
- d. Once the retracting anchor on the Talon gets to its full retraction it will stop. If the Talon is already fully retracted and the Up  button is pressed again, an error tone will sound.

NOTICE: When two Talons are paired, the anchor of the Talon selected on the Foot Switch will retract. The selection can be Port, Starboard, or both.



NOTICE: You do not need to press and hold the button to keep the anchor retracting. The Talon will automatically continue to retract when the button is pressed until the Talon is either fully retracted or receives input to stop.



CAUTION


Be sure that the Talon is clear of obstructions and persons while retracting. The spaces between the 3 stages of the Talons can create a pinch point. Do not come in contact with the Talon while it is retracting to avoid the pinch point.

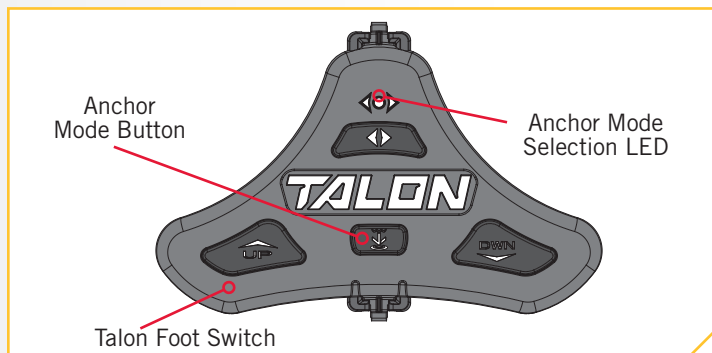
› Toggle the Mode from the Foot Switch

Toggle the Mode on the Foot Switch when the water or anchoring conditions change to fit your anchoring needs.

1

- The Mode can be toggled from the Foot Switch by selecting the Anchor Mode  button. The Anchor Mode Selection LED displays the Mode that the Talon is currently set to. Press the Anchor Mode  button to toggle to the desired Mode.
- When the Talon is put in Standard mode, the LED will flash red and green and then turn off. When the LED is Green, the Talon is in Soft Bottom Mode. When the LED is Red, the Talon is in Rough Water Mode.




NOTICE: When the Talon is paired with a second Talon, pressing the Anchor Mode  button on the Talon will toggle the Mode for both Talons.




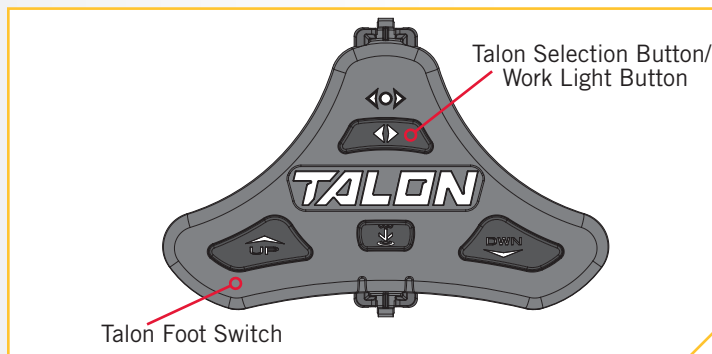
› Control the Work Light with the Foot Switch

The Work Light at the top of the Talon can be either white or blue and toggled between high, medium, or low intensities.

1

- To Toggle the Work Light "on", press and hold the Talon Selection  button until the Work Light on the top of the Talon turns "on".
- Continue to press the Talon Selection  button on the Foot Switch again before 5 seconds passes until the desired color and intensity is selected.
- To toggle the Work Light "off" press and hold the Talon Selection  button again until the Work Light turns "off".

NOTICE: When the Talon is paired with a second Talon, pressing and holding the Talon Selection  button will toggle the light for both Talons. The six intensities for the Work Light are white high, white medium, white low, blue high, blue medium and blue low.



WARNING

The Work Light on the Talon is not intended for navigational purposes. The Work Light does not replace or act as a substitute for proper navigation lighting of your vessel. Failure to properly light your boat may cause harm or serious injury.

SERVICE & MAINTENANCE

⚠ CAUTION

Before beginning any maintenance work, disconnect the Talon from the battery or if connected to a battery selector switch or power disconnect switch, make sure that it is turned to the "off" position. Failure to disconnect power during maintenance work may result in shock, unexpected operation and/or injury. Minn Kota recommends having the Talon serviced by an qualified marine technician at an Authorized Service Center.

REPLACING THE REMOTE BATTERY

TOOLS AND RESOURCES REQUIRED >

- Large Coin

INSTALLATION >

1

- Make sure your hands are clean, dry and static free. Temporarily ground yourself by touching a grounded metal object in order to discharge any static electricity in your body.

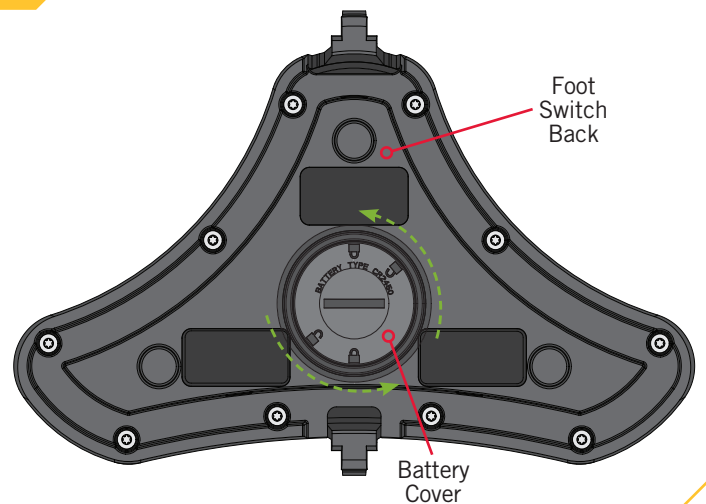
⚠ CAUTION

Static electricity can cause damage to the circuit board. Discharge any static electricity by touching a metal object that is grounded before beginning the remote battery replacement.

- With the back of the Foot Switch facing you, use a large coin to rotate the Battery Cover counterclockwise until the Battery Cover loosens and cannot be turned any further counterclockwise.

NOTICE: The battery for the Foot Switch may be replaced with, or without the Pedestal attached.

1b

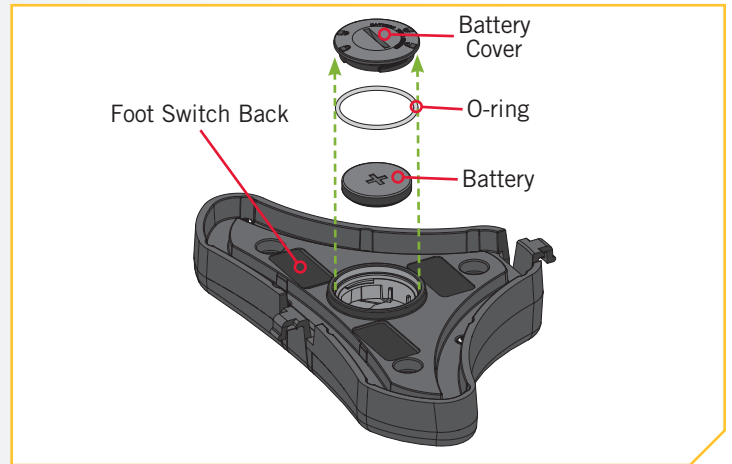


REPLACING THE REMOTE BATTERY

2

- c. Remove the Battery Cover and the old battery. Replace the battery with a new CR2450 coin cell battery. Note the proper polarity of the battery.

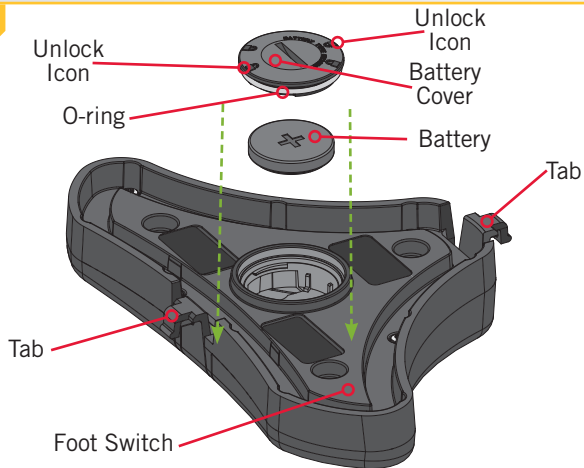
NOTICE: The replacement battery must be a model CR2450 coin cell type. It is strongly recommended that a high quality battery is used. The positive (+) of the battery should be facing towards the Battery Cover.



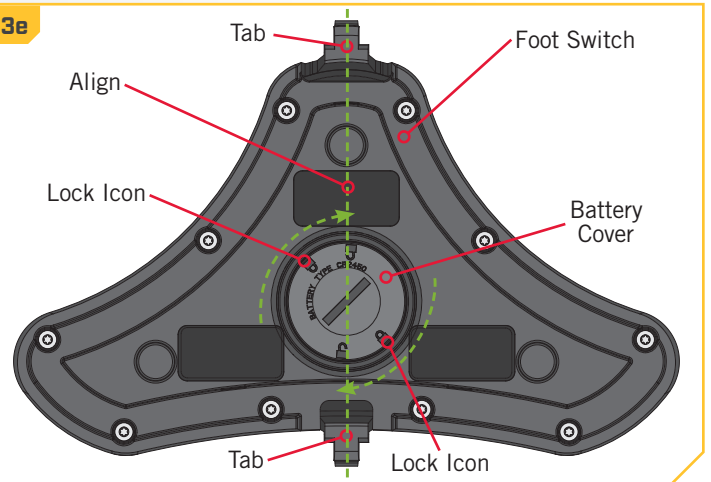
3

- d. Ensure the rubber O-ring is properly seated in the underside of the Battery Cover.
- e. Replace the Battery Cover by aligning either of the Unlock icons with the Tabs, and pressing the cover down.
- f. Rotate the Battery Cover clockwise using the large coin until the Lock Icon aligns with the Tabs.

3d



3e





PAIRING A FOOT SWITCH TO A SINGLE TALON

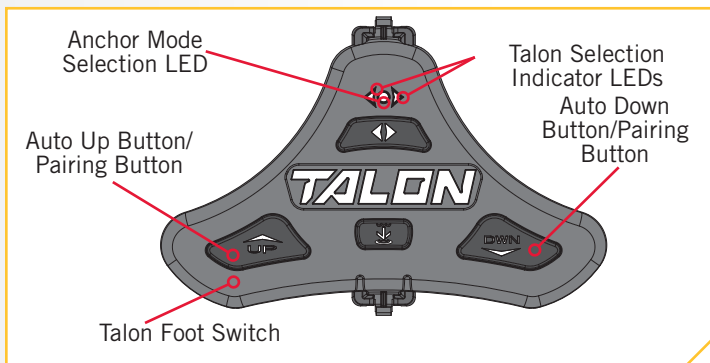
CLEARING PAIRED TALONS FROM THE FOOT SWITCH

The Foot Switch was designed so that all paired Talons can be cleared from memory.

1

- a. Press and hold the Up  button and the Down  button on the Foot Switch at the same time until all of the LED's at the top of the Foot Switch begin to scroll. Then release the buttons. The Foot Switch will go into Pairing Mode for 20 seconds. Once Pairing times out all Talons will be cleared.

NOTICE: Putting the Foot Switch into Pairing Mode, even if it is accidental, without Pairing the Foot Switch to a Talon will clear all paired Talons.



COMPLIANCE STATEMENTS

ENVIRONMENTAL COMPLIANCE STATEMENT

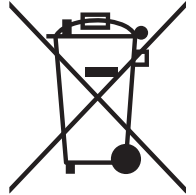
It is the intention of JOME to be a responsible corporate citizen, operating in compliance with known and applicable environmental regulations, and a good neighbor in the communities where we make or sell our products.

WEEE DIRECTIVE

EU Directive 2002/96/EC “Waste of Electrical and Electronic Equipment Directive (WEEE)” impacts most distributors, sellers, and manufacturers of consumer electronics in the European Union. The WEEE Directive requires the producer of consumer electronics to take responsibility for the management of waste from their products to achieve environmentally responsible disposal during the product life cycle.

WEEE compliance may not be required in your location for electrical & electronic equipment (EEE), nor may it be required for EEE designed and intended as fixed or temporary installation in transportation vehicles such as automobiles, aircraft, and boats. In some European Union member states, these vehicles are considered outside of the scope of the Directive, and EEE for those applications can be considered excluded from the WEEE Directive requirement.

This symbol (WEEE wheelie bin) on product indicates the product must not be disposed of with other household refuse. It must be disposed of and collected for recycling and recovery of waste EEE. Johnson Outdoors Inc. will mark all EEE products in accordance with the WEEE Directive. It is our goal to comply in the collection, treatment, recovery, and environmentally sound disposal of those products; however, these requirements do vary within European Union member states. For more information about where you should dispose of your waste equipment for recycling and recovery and/or your European Union member state requirements, please contact your dealer or distributor from which your product was purchased.



DISPOSAL

Minn Kota Talons are not subject to the disposal regulations EAG-VO (electric devices directive) that implements the WEEE directive. Nevertheless never dispose of your Minn Kota Talon in a garbage bin but at the proper place of collection of your local town council.

Never dispose of battery in a garbage bin. Comply with the disposal directions of the manufacturer or his representative and dispose of them at the proper place of collection of your local town council.

REGULATORY COMPLIANCE INFORMATION

› Talon Foot Switch

FOOT SWITCH : 2994153

- Contains IC: 5123A-BGTBLE121LR
- Contains FCC ID: QOQBLE121LR



R 209 - J00111

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules. **Operation is subject to the following two conditions:**

- 1. This device may not cause harmful interference.
- 2. This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Johnson Outdoors Marine Electronics, Inc. could void the user’s authority to operate this equipment.

NOTICE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. **If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:**

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA COMPLIANCE

This product meets the applicable Industry Canada technical specifications. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by Johnson Outdoors Marine Electronics, Inc. could void the user’s authority to operate this equipment.

ENVIRONMENTAL RATINGS

Ambient operating temperature range: -10C to 50C
Ambient operating humidity range: 5% to 95%
Maximum operating altitude: 10,000 feet

RADIO OPERATION

CONTROLLER

- Frequency band: 2402 MHz to 2480 MHz
- Maximum RF power transmitted: +10 dBm

FOOT SWITCH

- Frequency band: 2402 MHz to 2480 MHz
- Maximum RF power transmitted: +10 dBm

TRADEMARKS

Minn Kota®, i-Pilot® and i-Pilot® Link™ are trademarked by or registered trademarks of Johnson Outdoors Marine Electronics, Inc.

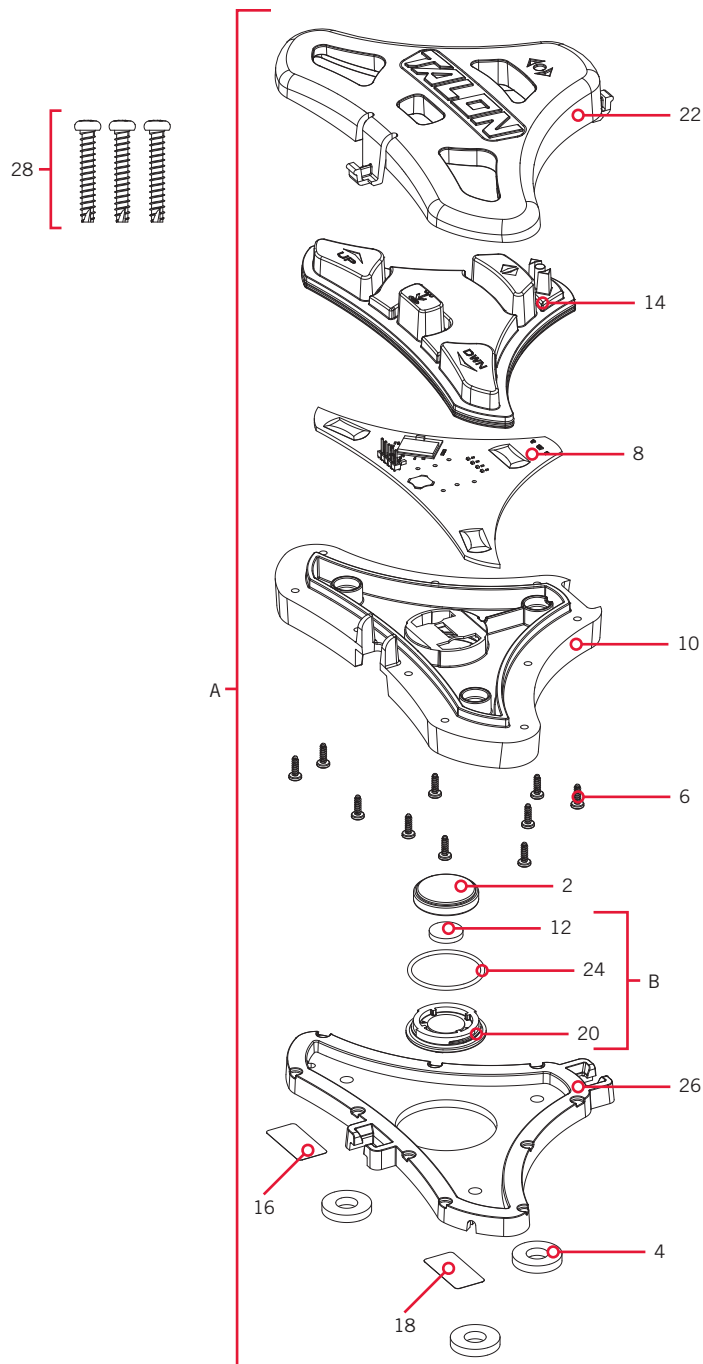
The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Johnson Outdoors Inc is under license. Other trademarks and trade names are those of their respective owners.

PARTS DIAGRAM & PARTS LIST

TALON FOOT SWITCH

The parts diagram and parts list provides Minn Kota® WEEE compliance disassembly instructions. For more information about where you should dispose of your waste equipment for recycling and recovery and/or your European Union member state requirements, please contact your dealer or distributor from which your product was purchased. Tools required, but not limited to: flat head screwdriver, Phillips screwdriver, socket set, pliers, wire cutters.

▶ Talon Foot Switch Parts Diagram



PARTS DIAGRAM & PARTS LIST

▶ Talon Foot Switch Parts List

Assembly	Part #	Description	Quantity
A	2994153	ASSEMBLY,TALON 3 FT SWITCH	1
B	2886422	COVER, BATTERY COMPARTMENT ASY	1
Item	Part #	Description	Quantity
2	✖	BATTERY CR2450	1
4	✖	WASHER-RUBBER,W/ADHESIVE	3
6	✖	SCREW-2.5MMX8MM DELTA PT TORX	10
8	✖	PCB ASM,FT. SWITCH,TALON 3	1
10	✖	BOTTOM, TALON FOOT SWITCH	1
12	✖	PAD-FOAM, I-PILOT 1.5	1
14	✖	KEYPAD, TALON 3 FT SWITCH	1
16	✖	DECAL, SERIAL NUMBER	1
18	✖	DECAL, STANDARDS INFO	1
20	✖	COVER, BATTERY COMPRT(SUB)	1
22	✖	TOP, TALON 3 FT SWITCH	1
24	✖	GASKET,BATTERY COMPARTMENT	1
26	2378845	PEDESTAL,TALON FOOT SWITCH	1
28	2383455	SCREW-#8 X 1.0" PPH TY AB SS	3
▲	2374943	QCK REF GUIDE, FT SWITCH BT	1
▲	2377172	MANUAL, TALON FOOT SWITCH BT	1

✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

RECOMMENDED ACCESSORIES

ON-BOARD & PORTABLE BATTERY CHARGERS

Stop buying new batteries and start taking care of the ones you've got. An inaccurate charger can actually damage your battery over time – creating shorter run times and shorter overall life. Digitally controlled Minn Kota chargers are designed to provide a fast and precise charge that protect and extend battery life.



MK212PC



MK210D



MK110PD

TALON ACCESSORIES

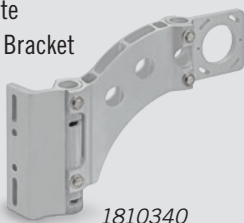
UNIVERSAL MODULAR ADAPTER BRACKETS

It's easy to choose your bracket, easy to install it and pretty much impossible for anything to stop it. Talon's Universal Modular Adapter Brackets are built stronger than they have to be, and their innovative modular design lets you put Talon in just the right position on your boat.

Unparalleled Strength

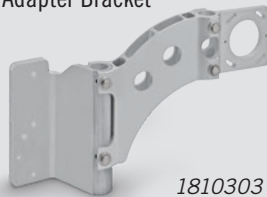
We built Talon with uncompromising power. And we built the brackets the exact same way. Made with extruded aluminum and reinforced with rugged construction, our brackets hold Talon steady whether you're trailering or tearing through heavy chop.

Jack Plate
Adapter Bracket



1810340

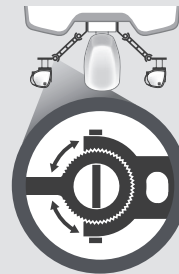
Sandwich-Style
Adapter Bracket



1810303

Universal Modular Design

Two brackets. Any transom. The universal design fits any situation, and the brackets can be adjusted and tweaked to the perfect orientation. Two pivot points let you adjust Talon to the perfect orientation (based on your transom style, outboard location and other factors). Once it's in position, interlocking teeth clamp down to lock it into place.



TALON TILT BRACKET

This marine-grade, anodized aluminum tilt bracket accommodates for low-clearance areas and boat storage. Features adjustable deck support for added stability while tilting.



1810222

