

RAPTOR
FOOT SWITCH
Owner's Manual

INTRODUCTION

THANK YOU

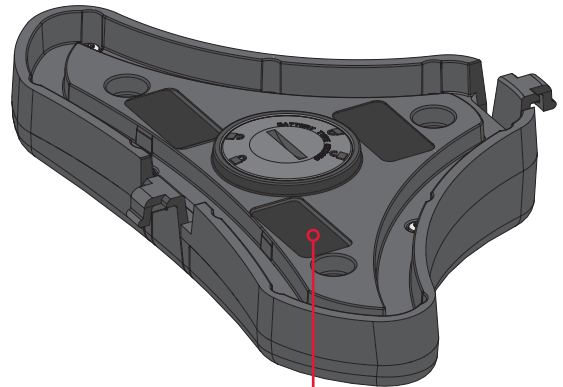
Thank you for purchasing the Raptor Foot Switch. Intuitive features and wireless control lets you easily raise and lower the Raptor spike. Control up to two Raptors – independently or simultaneously – from this Bluetooth® enabled waterproof switch. Handsfree control lets you focus on fishing.

REGISTRATION

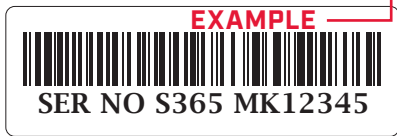
Remember to keep your receipt and immediately register your Raptor Foot Switch. To receive all the benefits of your product warranty please fill out and mail the registration card.

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 Raptor 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.



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 Raptor(s). This product does not relieve you from the responsibility of safe operation of your boat. It may be hazardous to operate your Raptor in rough or turbulent water conditions, such as fast currents or changing environmental conditions. Do not deploy your Raptor 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 Raptor 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 Raptor should be disconnected from the power source when it is not in use or is off the water. Always disconnect the Raptor from battery(s) before cleaning or checking the Raptor. In the event of unexpected operation, remove power leads from the battery.

WARNING

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

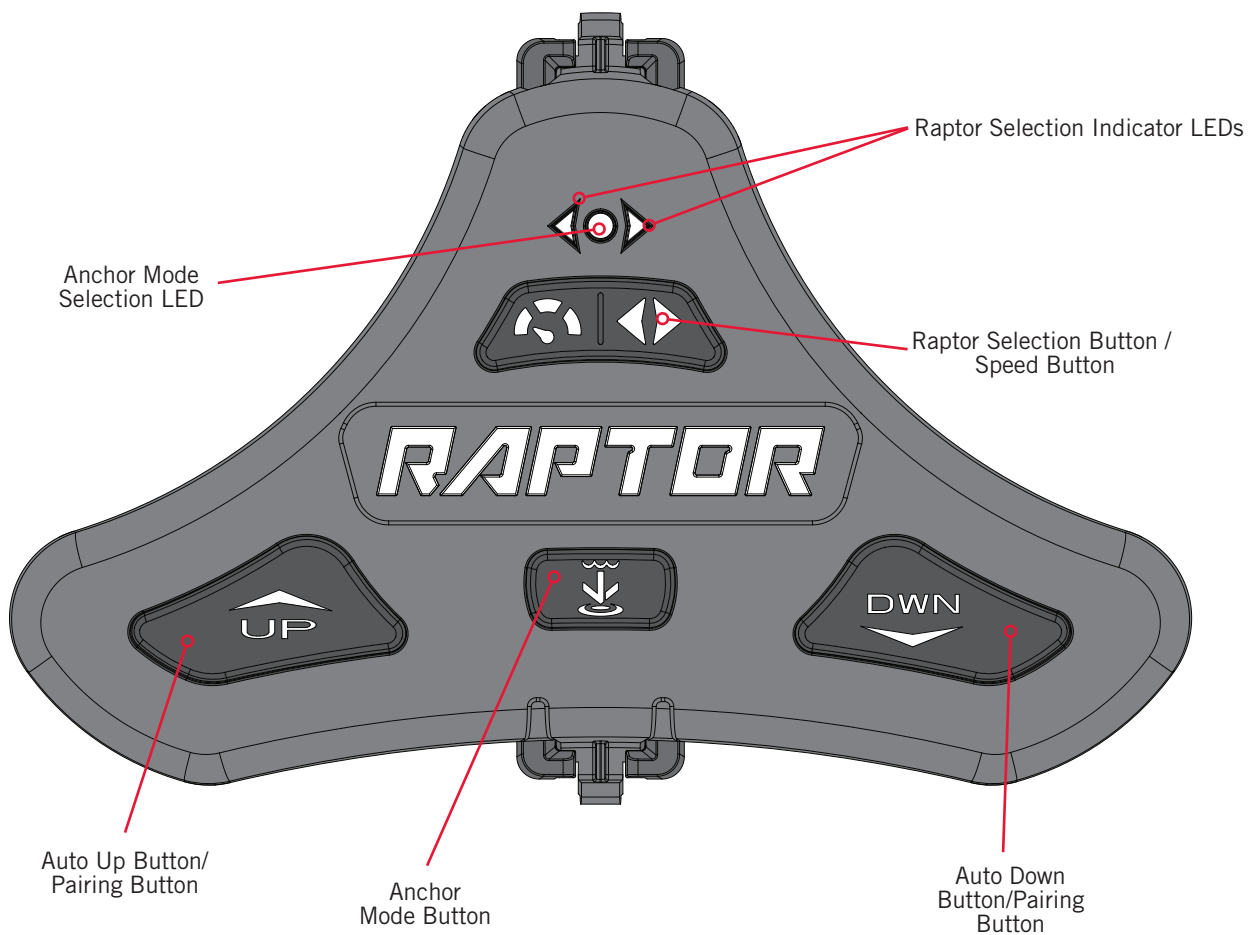
CAUTION

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

WARNING

It is recommended to only use Johnson Outdoors approved accessories with your Raptor. 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



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

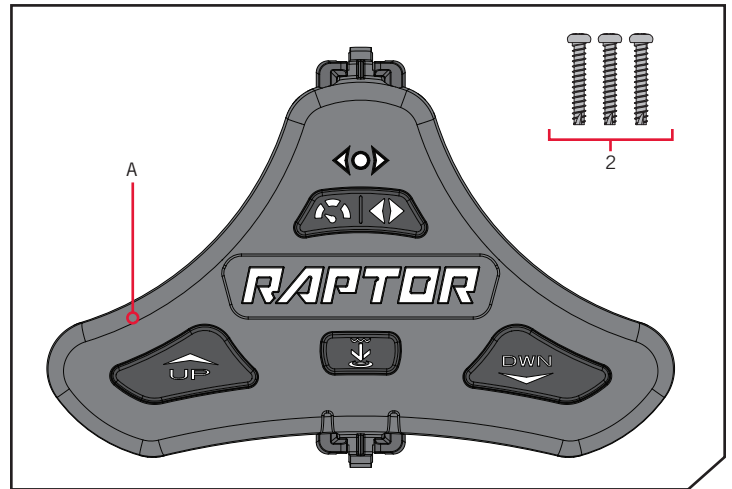
INSTALLATION

INSTALLING THE RAPTOR FOOT SWITCH

Your new Raptor 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	2994155	FOOT SWITCH ASM, RAPTOR	1
2	2383455	SCREW-#8 X 1.0" PPH TY AB SS	3
▲	2357153	QCK REF GUIDE, FT SWITCH	1
▲	2357152	MANUAL, FT SWITCH, RAPTOR	1



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

▲ Not shown on Parts Diagram.

MOUNTING CONSIDERATIONS

Before mounting your Raptor 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 Raptor Foot Switch in an area that has a clear line of communication with the Raptor(s) it is intended to control for optimum performance.
4. Mount the Raptor 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

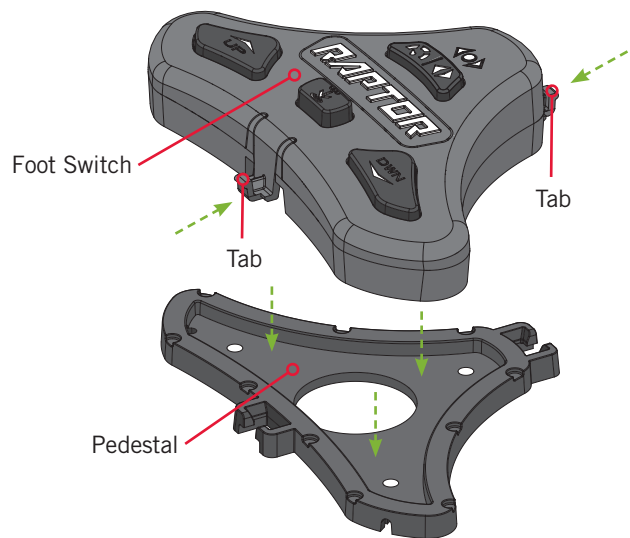
1

ITEM(S) NEEDED



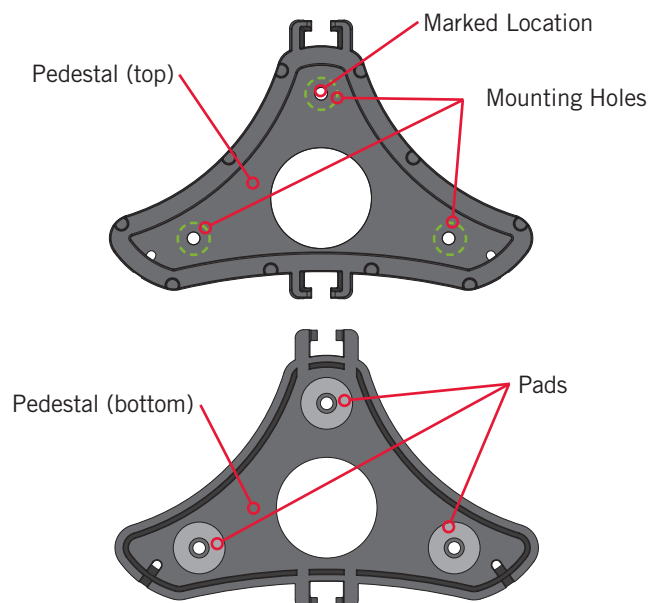
- Review the Mounting Considerations to determine an acceptable mounting location. Once a location is selected, take the Raptor Foot Switch Assembly (Item #A) and remove the Pedestal from the Base by squeezing the Tabs on both sides of the Foot Pedal and pulling the Foot Switch and Pedestal apart.

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.



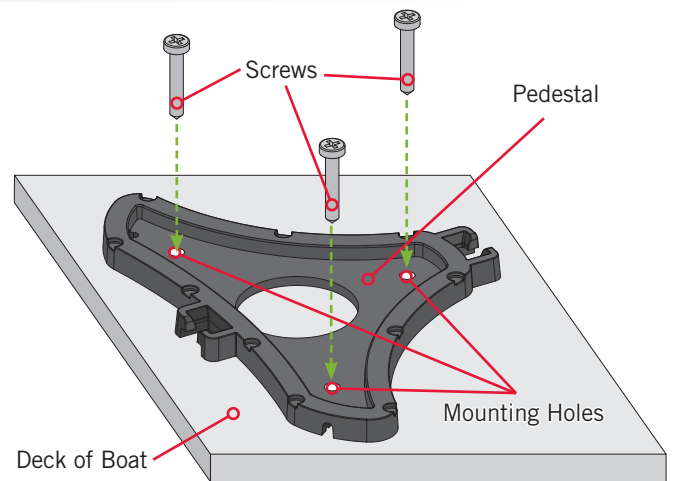
INSTALLING THE FOOT SWITCH

3

ITEM(S) NEEDED

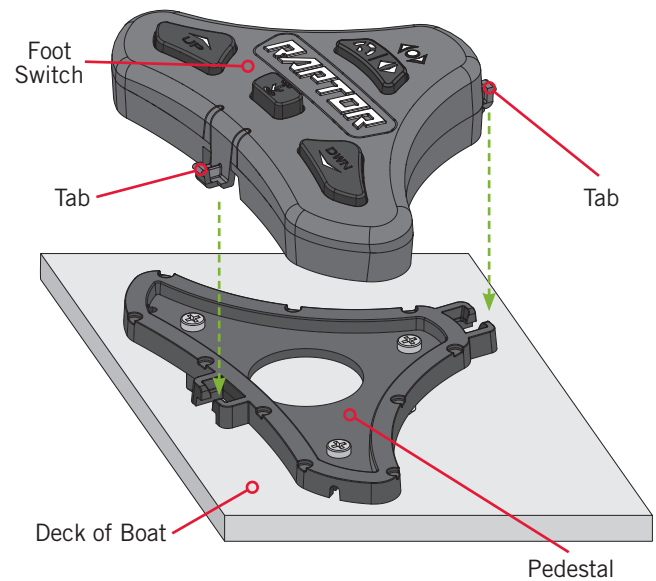


- c. Double check the Mounting Location. Take the Screws (Item #2) and place one each in the Mounting Holes of the Pedestal. Make sure the Mounting Holes line up with the Marked Locations and then use a Drill with #2 Phillips Driving Bit to secure the Pedestal to the Deck of the Boat. Do not over-tighten.



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.



PAIRING A FOOT SWITCH TO A SINGLE RAPTOR

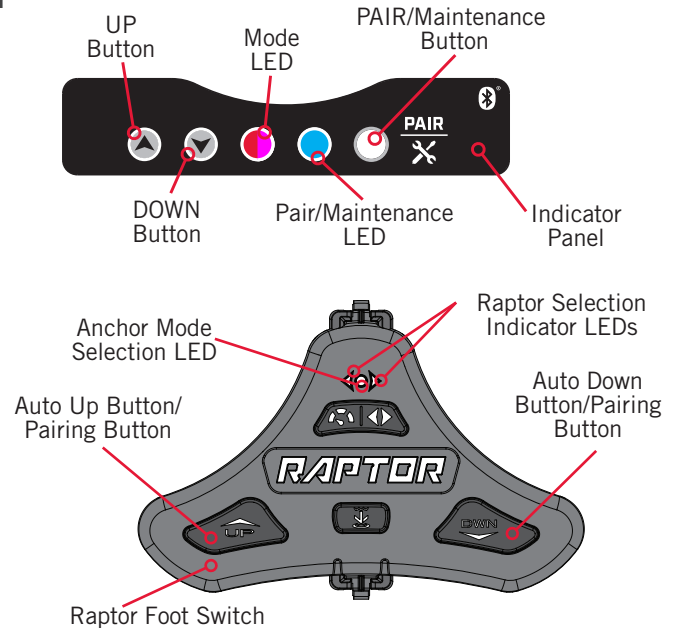
Pairing a Foot Switch to a Single Raptor

1

- a. Press and hold the Up  button and the Down  button on the Foot Switch at the same time until the Anchor Selection LEDs and the Mode LED on the Foot Switch begin to scroll  red, green, red and red. Then release them.
- b. Immediately press the Pair  button on the Indicator Panel located on the Raptor Pump Assembly. The PAIR/Maintenance LED will begin to flash  blue. The Raptor and Foot Switch will go into Pairing Mode for 30 seconds. If a signal with three fast beeps occurs, the Raptor and Foot Switch have successfully paired. If 30 seconds pass while in Pairing Mode and they do not successfully pair, a chirp will sound from the Pump Assembly, signaling that the Pairing has timed out.
- c. If the Pair is unsuccessful, repeat the process.

NOTICE: After pairing completes, if the lights on the Indicator Panel blink in a scrolling pattern, this indicates that the Indicator Panel is updating Raptor Foot Switch. When the software update is complete the pairing process will need to be repeated.

1a



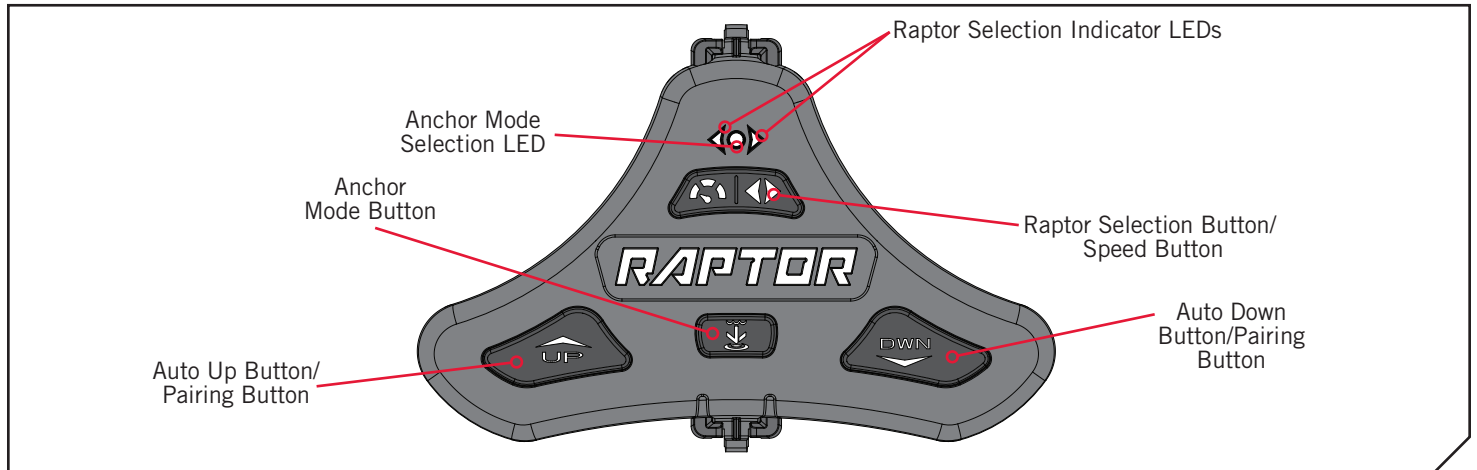
Pairing a Foot Switch to Two Raptors

In order to Pair a Foot Switch to the Raptor, please be sure to first Pair the Raptors together. When two Raptors are paired together, any Foot Switch that was paired to an individual Raptor will no longer be paired. Please see the "Pairing Two Raptors and Programming the Mounting Location" section of the Raptor Owner's Manual. If the two Raptors are already paired together, a Foot Switch can be paired to either Raptor. When the pairing process is complete, the Foot Switch will be able to control both Raptors.

NOTICE: For instructions on how to pair two Raptors and assign their Port and/or Starboard mounting locations, please refer to your Raptor Owner's Manual.

USING THE FOOT SWITCH

CONTROLLING THE RAPTOR WITH THE FOOT SWITCH



Auto Up Button

Single press to auto retract the anchor. Press and hold to continually retract the anchor. The anchor will continue to retract when the button is held until the button is released. Also used to pair the Foot Switch to a Raptor.









Auto Down Button

Double press to auto deploy the anchor. Double press and hold the second press to continually deploy the anchor. The anchor will continue to deploy when the button is held until it reaches its full range of operation or until the button is released. Also used to pair the Foot Switch to a Raptor.








Anchor Mode Button

Single press to display the current Anchor Mode. While the mode is displayed, continue to single press through the Anchor Modes to change them. This will toggle through the Anchor Modes of Standard, Rough Water, Soft Bottom and Auto Bottom. Standard Mode is identified when the Mode LED  flashes between red and green. Rough Water mode is identified when the Mode LED  flashes red and Soft Bottom when the Mode LED  flashes green. Auto Bottom Mode is only available on the Active Anchoring Model and is identified by a Mode LED  that flashes slowly from green to green and then red to red. On the Active Anchoring Model, the Anchor Mode button will also enable and disable Active Anchoring. Active Anchoring is engaged and disengaged by a single press and hold. When the Mode LED  displays green it is enabled and when the Mode LED  displays red it is disabled.



Speed Button / Anchor Selection Button






Single press to display the current operating speed. While the speed is displayed, continue to single press through the operating speed to toggle between slow, medium and fast. The Mode LED  will flash red three consecutive times at the speed that corresponds with the selected speed. Pressing and holding the button will toggle the Foot Switch to control either the Port, Starboard or both anchors (when two anchors are paired in the system). The Raptor Selection LEDs  will illuminate to correspond to the anchor(s) selected. The right LED  will illuminate when the Starboard anchor is selected and the left LED  will illuminate when the Port anchor is selected. Both the right and left LEDs  illuminate when both anchors are selected.

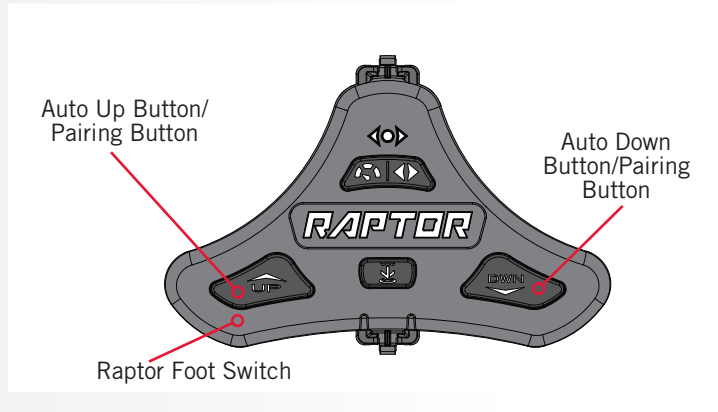
USING THE FOOT SWITCH

Deploy the Raptor from the Foot Switch

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

1

- a. To auto deploy the Raptor, double press and then release the Down  button on the Foot Switch. To continually deploy the Raptor, double press the Down  button and hold the second press.
- b. While auto deploying, the action can be paused by pressing the Down  button again. While the anchor is continually deploying, the action can be paused on the Foot Switch by releasing the Down  Button.
- c. The paused deployment can be resumed by pressing the Down  button again in the same manner.
- d. If continuing to deploy the Raptor, and the anchor gets to its full length of travel, it will stop. If auto deploying the anchor, 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 Raptors are paired, the selected Raptor will deploy. The selection can be Port, Starboard, or both.

WARNING

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







CAUTION

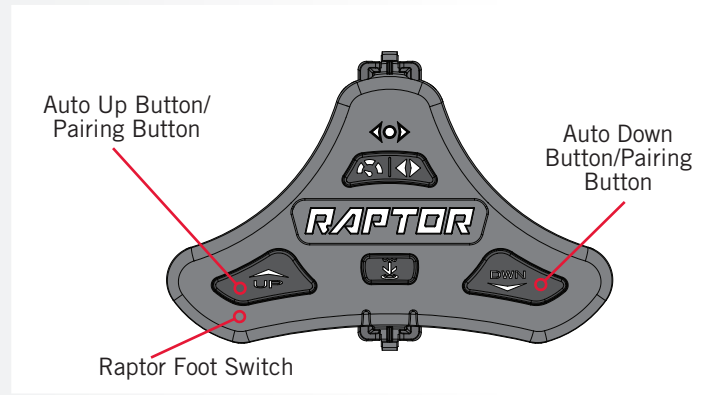
The spaces between the Outer Arm, Inner Arm, Spike and brackets of the Raptor can create a pinch point. Do not come in contact with an area of the Raptor that may cause a pinch point while it is moving in any direction to avoid the risk.

Retracting the Raptor from the Foot Switch

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

1

- a. To auto retract the Raptor, press and then release the Up  button on the Foot Switch. To continually retract the Raptor, press and hold the Up  button.
- b. While auto retracting, the action can be paused by either pressing the Up  button again, or by pressing the Down  button. While the anchor is continually retracting, the action can be paused on the Foot Switch by releasing the Up  button.
- c. The paused retraction can be resumed by pressing the Up  button again in the same manner.
- d. If auto retracting, the anchor will stop when the anchor is fully retracted. If continually retracting the button should be released when the anchor is fully retracted.



NOTICE: When two Raptors are paired, the Raptor selected on the Foot Switch will retract. The selection can be Port, Starboard, or both.

WARNING

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

CAUTION












The spaces between the Outer Arm, Inner Arm, Spike and brackets of the Raptor can create a pinch point. Do not come in contact with an area of the Raptor that may cause a pinch point while it is moving in any direction to avoid the risk.

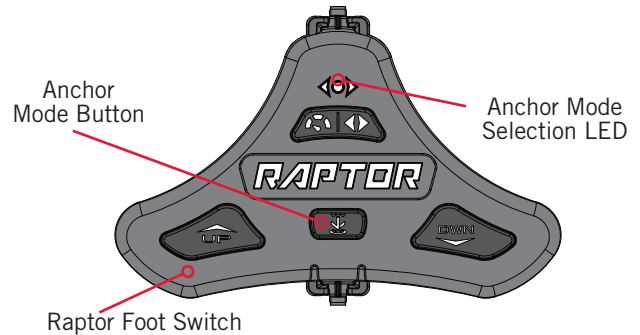
USING THE FOOT SWITCH

Toggle the Anchor Mode from the Foot Switch

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

1

- a. Single press the Anchor Mode  button to display the current Mode.
- b. While the Mode is displayed via the Mode LED, continue to single press through the Modes to toggle between Standard, Rough Water, Soft Water and Auto Bottom. Standard Mode is identified when the Mode LED     flashes between red and green. Rough Water mode is identified when the Mode LED  flashes red and Soft Bottom when the Mode LED  flashes green. Auto Bottom Mode is only available on the Active Anchoring Model and is identified by a Mode LED     that flashes slowly from green to green and then red to red.






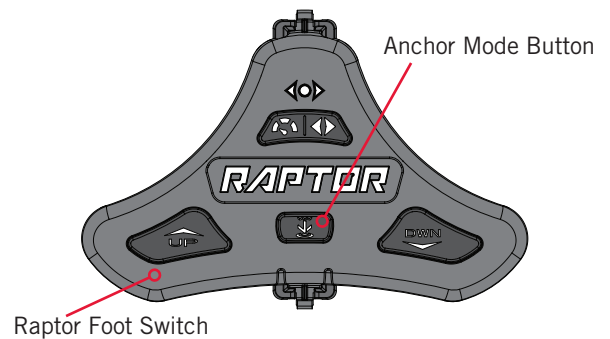
NOTICE: When the Raptor is paired with a second Raptor, changing the Anchor Mode on one Raptor will change the Mode for both Raptors. Read the "Using the Raptor" section of the Raptor Owner's Manual to learn more about Modes.

Toggle Active Anchoring


Active Anchoring is a feature that comes preinstalled on select Raptor models. To learn more about Active Anchoring, see the "Using the Raptor" section of the Raptor Owner's Manual.



1

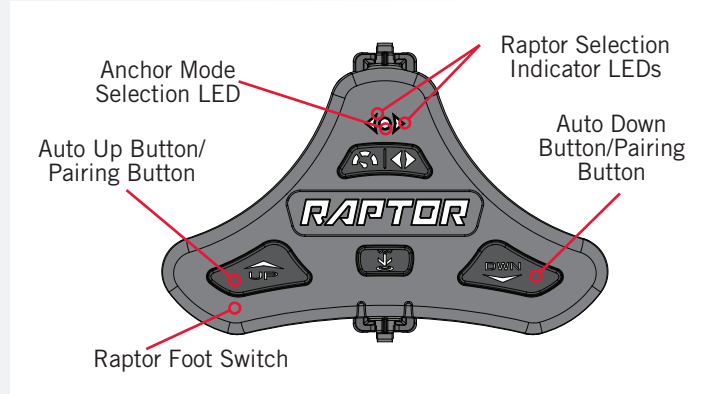
- a. Active Anchoring is engaged and disengaged by a single press and hold the Anchor Mode  button. When the Mode LED  displays three short flashes and then one longer flash of green it is enabled and when the Mode LED  displays three short flashes and then one longer flash of red it is disabled.




Select Anchor Operating Speed


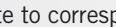




The Raptor Speed/Anchor Selection  button is used to select the speed at which the anchor operates to stow and deploy. It can be changed to slow, medium or fast. Follow the directions below to set the speed.

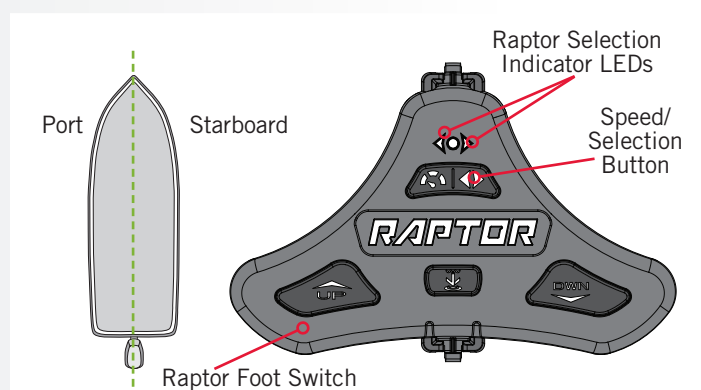
- 1 a. Single press the Speed/Anchor Selection  button to display the current operating speed. The Mode LED  will flash red three consecutive times at the speed that corresponds with the selected speed.
- b. While the speed is displayed via the Mode LED, continue to single press through the operating speed to toggle between slow, medium and fast.



Selecting a Raptor to Operate with the Foot Switch

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

- 1 a. To toggle the Raptor selected, press and hold the Speed/Anchor Selection  button.
- b. When the button is pressed, one or both of the Anchor Selection LEDs will be lit. The Anchor Selection LEDs  will illuminate to correspond to the anchor(s) selected. The right LED  will illuminate when the Starboard anchor is selected and the left LED  will illuminate when the Port anchor is selected. Both the right and left LEDs  illuminate when both anchors are selected. Release the Speed/Anchor Selection  button when the desired Raptor(s) is/are selected.



NOTICE: When a dual Raptor system is paired to the Foot Switch, the anchors may not be in sync when retracting and deploying.

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

SERVICE & MAINTENANCE

⚠ CAUTION

Before beginning any maintenance work, disconnect the Raptor 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 Raptor serviced by an qualified marine technician at an Authorized Service Center.

REPLACING THE FOOT SWITCH BATTERY

TOOLS AND RESOURCES REQUIRED

- Large Coin

INSTALLATION

⚠ WARNING

Do not ingest battery. Chemical Burn Hazard.

⚠ WARNING

[The remote control(s) supplied with] This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

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.

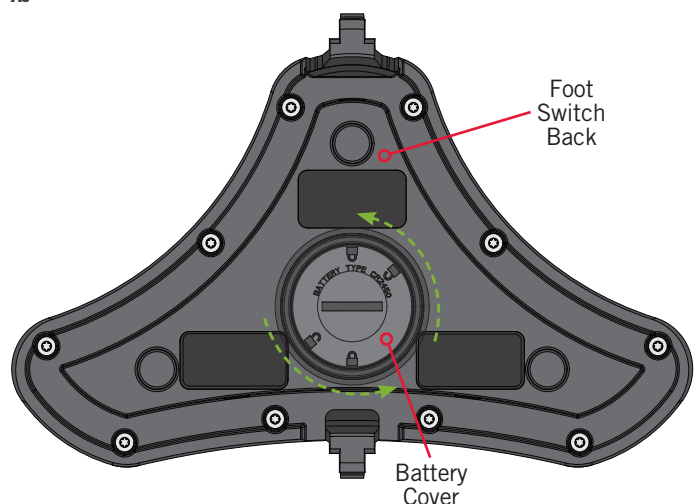
⚠ CAUTION

Static electricity can cause damage to the circuit board. Discharge any static electricity by touching a metal object that is grounded before beginning the foot switch 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 FOOT SWITCH BATTERY

2

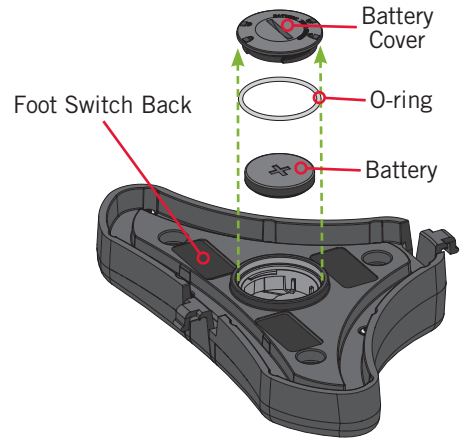
- c. Remove the Battery Cover and the old battery. Replace the battery with a new CR2450 coin cell battery. Note the proper polarity of the battery.

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.



WARNING

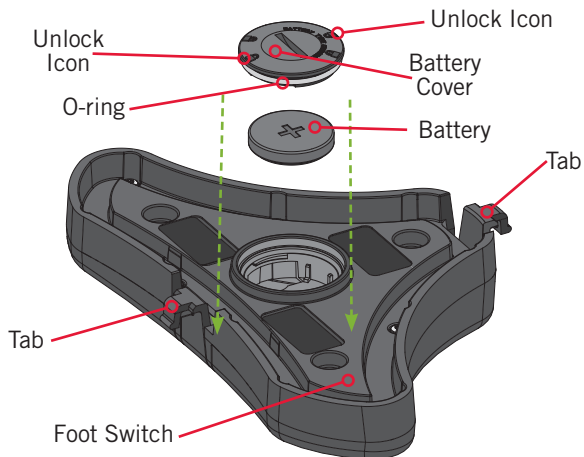
Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.



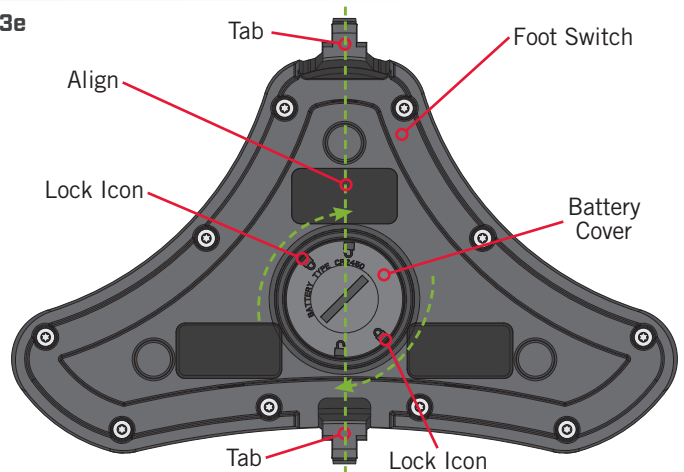
3

- 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





CLEARING PAIRED RAPTORS FROM THE FOOT SWITCH

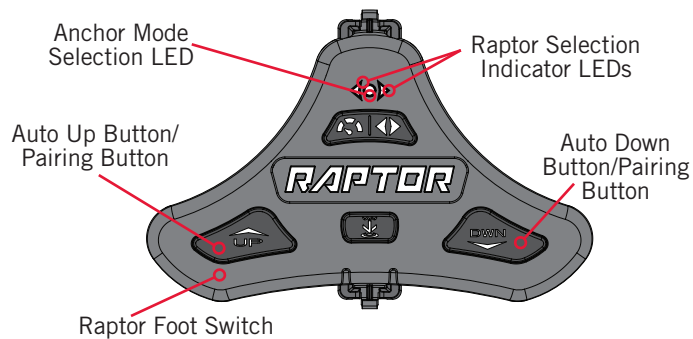
CLEARING PAIRED RAPTORS FROM THE FOOT SWITCH

The Foot Switch was designed so that all paired Raptors 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 30 seconds. Once Pairing times out all Raptors will be cleared.

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



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 Raptors are not subject to the disposal regulations EAG-VO (electric devices directive) that implements the WEEE directive. Nevertheless never dispose of your Minn Kota Raptor 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

Raptor Foot Switch

FOOT SWITCH : 2994155

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



R209-J00111

COMPLIANCE STATEMENTS

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.

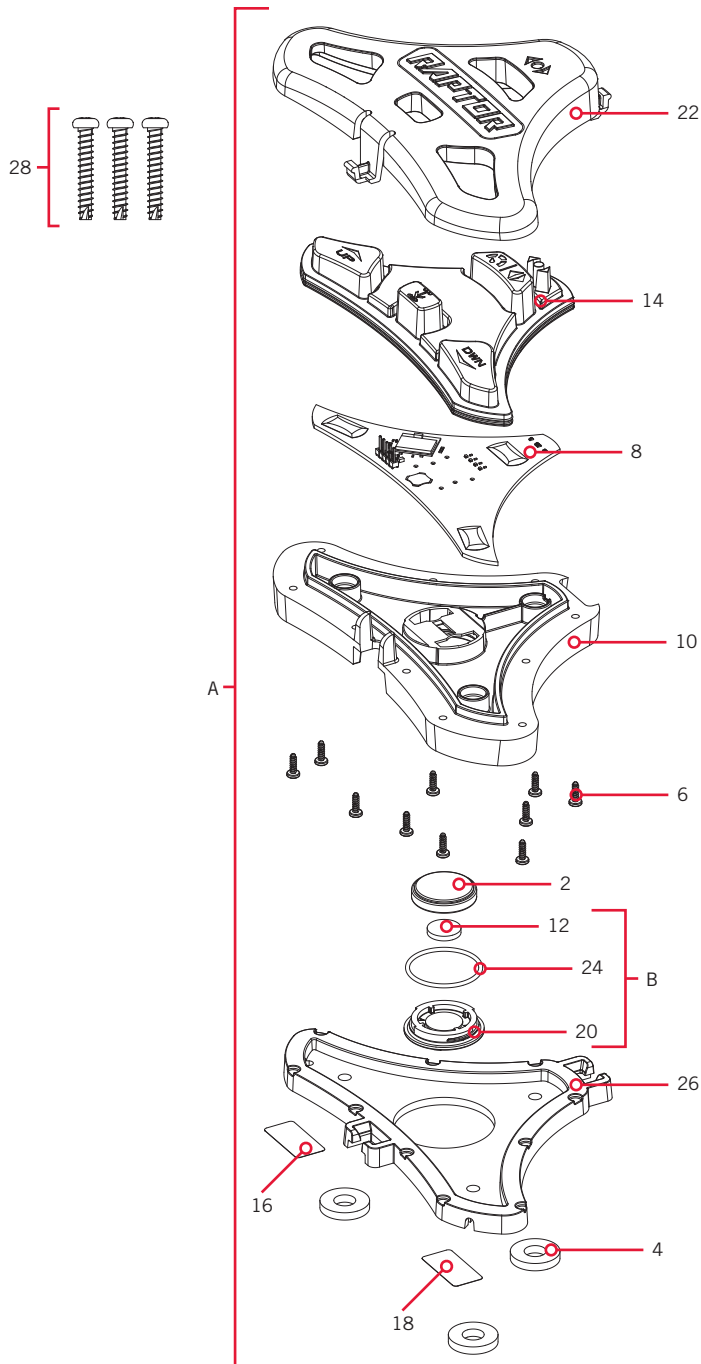
The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Johnson Outdoors Inc is under license. Other trademarks and trade names are those of their respective owners.

PARTS DIAGRAM & PARTS LIST

RAPTOR FOOT SWITCH

The parts diagram and parts list provide 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.

Raptor Foot Switch Parts Diagram



PARTS DIAGRAM & PARTS LIST

Raptor Foot Switch Parts List

Assembly	Part #	Description	Quantity
A	2994155	FOOT SWITCH ASM, RAPTOR	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,RAPTOR 3	1
10	✖	BOTTOM, RAPTOR FOOT SWITCH	1
12	✖	PAD-FOAM, I-PILOT 1.5	1
14	✖	KEYPAD, RAPTOR 3 FT SWITCH	1
16	✖	DECAL, SERIAL NUMBER	1
18	✖	DECAL, STANDARDS INFO	1
20	✖	COVER, BATTERY COMPRT(SUB)	1
22	✖	TOP, RAPTOR 3 FT SWITCH	1
24	✖	GASKET,BATTERY COMPARTMENT	1
26	2378845	PEDESTAL,RAPTOR FOOT SWITCH	1
28	2383455	SCREW-#8 X 1.0" PPH TY AB SS	3
▲	2357153	QCK REF GUIDE, FT SWITCH	1
▲	2357152	MANUAL, FT SWITCH, RAPTOR	1

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

▲ Not shown on Parts Diagram.

RECOMMENDED ACCESSORIES

› RAPTOR MOUNTING ADAPTER BRACKETS

Raptor mounting brackets come in a variety of configurations to meet your mounting needs. They feature a light weight, aluminum construction for superior strength. Constructed with a powder coated exterior for corrosion resistance and include stainless steel mounting hardware. All brackets include a 5-year warranty.

DIRECT MOUNT ANGLE BRACKET ›

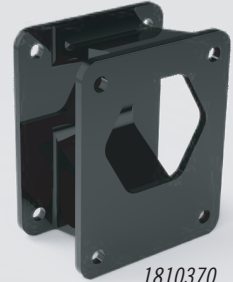
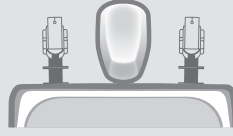
In direct transom mount applications, maximizes holding power by providing optimal angle for Raptor deployment.



1810371

3" SETBACK BRACKET ›

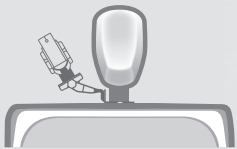
Provides 3" of additional setback to all mounting applications where specific clearances are required.



1810370

UNIVERSAL SANDWICH ADAPTER ›

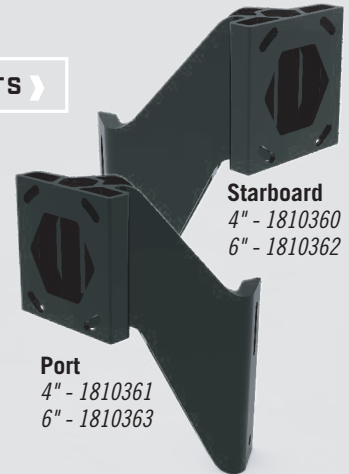
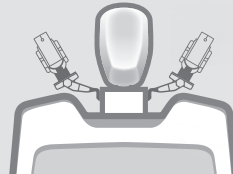
Mounts between your jack plate and transom or between the outboard and transom, for use in port or starboard applications.



1810372

JACK PLATE BRACKETS ›

Mounts directly to your jack plate on the Port or Starboard side of your boat. Comes in a 4" or 6" rise.



Starboard
4" - 1810360
6" - 1810362

Port
4" - 1810361
6" - 1810363



› 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