MINN KOTA®



CORDED FOOT PEDAL

FOR ULTERRA® & RIPTIDE® ULTERRA

Owner's Manual

Compatible with Ulterra and Riptide Ulterra trolling motors

SAFETY CONSIDERATIONS

⚠ WARNING

You are responsible for the safe and prudent operation of your vessel. We have designed your Foot Pedal to be an accurate and reliable tool that will enhance boat operation and improve your ability to catch fish. This product does not relieve you from the responsibility for safe operation of your boat. You must avoid hazards to navigation and always maintain a permanent watch so you can respond to situations as they develop. You must always be prepared to regain manual control of your boat. Learn to operate your Foot Pedal in an area free from hazards and obstacles.

⚠ CAUTION

For safety reasons, disconnect the motor from the battery/batteries when the motor is not in use or while the battery/batteries are being charged. If the motor control is left on, and the Foot Pedal is accidentally engaged, and the Prop rotation is blocked, severe motor damage can result.

⚠ WARNING

Practice proper ergonomics when operating the foot pedal to prevent injury.

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INSTALLATION

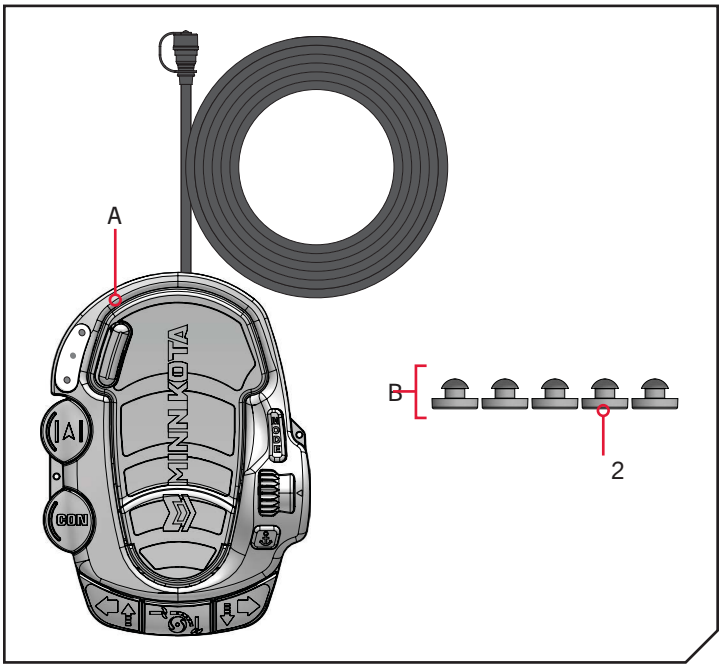
INSTALLING THE ULTERRA & RIPTIDE ULTERRA FOOT PEDAL

The new Corded Foot Pedal accessory comes with everything needed to install it to the trolling motor. These instructions show how to install the Corded Foot Pedal to an Ulterra or a Riptide Ulterra. Please review the parts list and mounting considerations for installation prior to getting started. For additional product support, please visit minnkota.johnsonoutdoors.com.

INSTALLATION PARTS LIST ❯

Item / Assembly	Part #	Description	Qty.
A	2994743A	FT PEDAL ASM ULTERRA 1.5 ACC.	1
B	2994859	BAG, ASY-TERROVA/V2, RUB BUMPERS	1
2	2325110	PAD,FOOT PEDAL PD	5
▲	2207117	INSTRC.SHEET,ULT. FT.PED. ACC.	1

▲ *Not shown on Parts Diagram.*



MOUNTING CONSIDERATIONS ❯

When placing the Foot Pedal on the boat, select a location that is appropriate for trolling motor operation and will not obstruct boat use. Place the Foot Pedal in a foot pedal well on the boat, if applicable, or any location where it will be free from water and debris.

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› Installing the Foot Pedal

1

ITEM(S) NEEDED



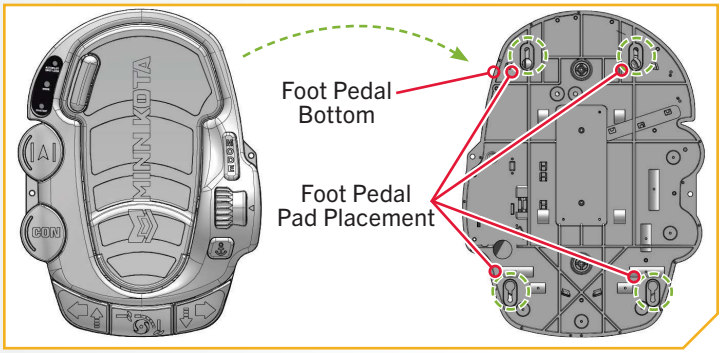
#A x 1



#2 x 4

a. Take the Foot Pedal (Assembly #A) and turn it over. Put a Foot Pedal Pad (Item #2) in each of the pad locations.

NOTICE: Adding the Foot Pedal pads is optional. The pads are recommended when using the Foot Pedal on non-carpeted surfaces.



2

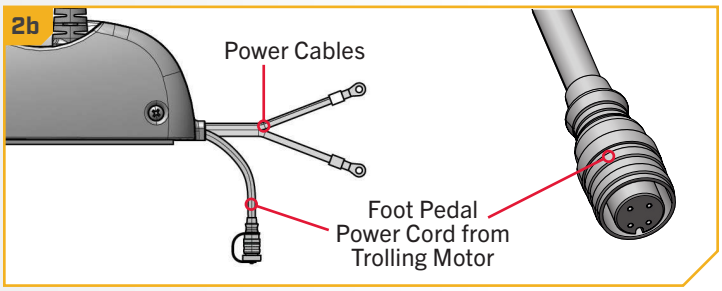
b. Locate the Foot Pedal Power Cord that exits the Mount of the trolling motor, next to the Power Cables. Unscrew the Cap on the Plug at the end of the Foot Pedal Power Cord.

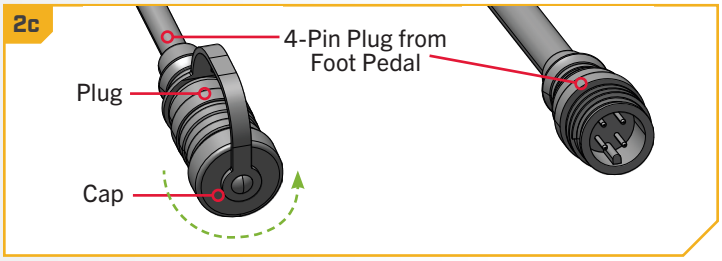
c. Locate the 4-Pin Plug from the Foot Pedal and unscrew the Cap.

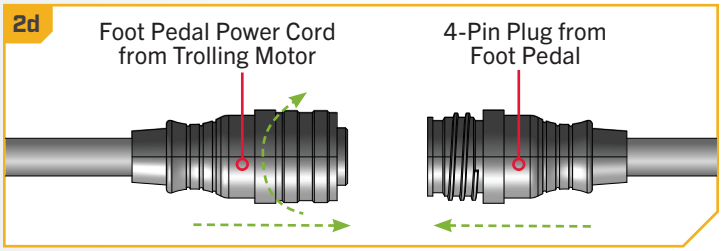
d. Align the 4-Pin Plug from the Foot Pedal with the Plug from the trolling motor. Firmly push the Plugs together. Secure the connection by rotating the collar on the Foot Pedal Power Cord in a clockwise direction.

NOTICE: The connectors are keyed to prevent reversed installation.

NOTICE: When the Foot Pedal Power Cord is not in use, ensure that the Cap is on and firmly secured.





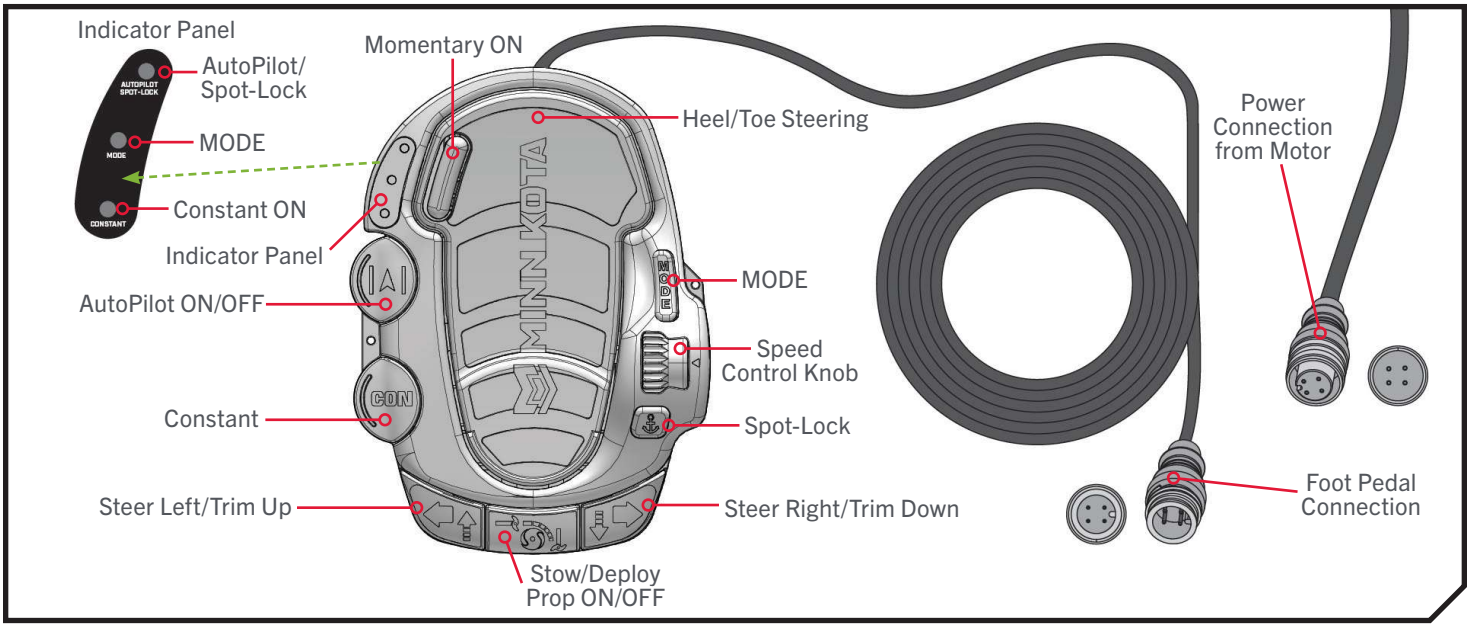


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USING THE FOOT PEDAL

CONTROLLING SPEED & STEERING WITH THE FOOT PEDAL

The Foot Pedal is used to operate the Ulterra or Riptide Ulterra trolling motor. The controls on the Foot Pedal are easy to use by either foot or hand. The motor can also be controlled with a Minn Kota Wireless Remote or any compatible Minn Kota remote. Refer to the associated remote manual for instructions. To learn more about accessories compatible with the Ulterra or Riptide Ulterra, visit minnkota.johnsonoutdoors.com.



MODES

The Foot Pedal has two modes of operation: Normal Mode and Ulterra Mode. To alternate between Modes, press the MODE button on the right side of the Foot Pedal, just above the Speed Control Knob. The MODE LED on the Indicator Panel illuminates amber when Ulterra Mode is engaged. Switching between Modes alters the functions of the three buttons at the bottom of the Foot Pedal. These buttons include:

Button Location	Normal Mode	Ulterra Mode
Left	Steer Left	Trim Up
Center	Prop ON/OFF	Stow/Deploy
Right	Steer Right	Trim Down

⚠ WARNING

Practice proper ergonomics when operating the Foot Pedal to prevent injury.

Normal Mode

When in Normal Mode, the buttons at the bottom of the Foot Pedal function to Steer Left, Steer Right, and turn the Prop ON/OFF. The amber MODE LED on the Indicator Panel will not be illuminated when in Normal Mode.

Ulterra Mode

When in Ulterra Mode, the buttons at the bottom of the Foot Pedal function to Trim Up, Trim Down, and Stow/Deploy the Lower Unit. The amber MODE LED on the Indicator Panel will be illuminated during Ulterra Mode.

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USING THE FOOT PEDAL

⚠ WARNING

You are responsible for the safe and prudent operation of your vessel. We have designed the Foot Pedal to be an accurate and reliable tool that will enhance boat operation and improve your ability to catch fish. This product does not relieve you from the responsibility for safe operation of your boat. You must avoid hazards to navigation and always maintain a permanent watch so you can respond to situations as they develop. You must always be prepared to regain manual control of your boat. Learn to operate the Foot Pedal and trolling motor in an area free from hazards and obstacles.

FOOT PEDAL OPERATION

Motor Speed

The Speed Control Knob is located between the MODE and Spot-Lock buttons on the right side of the Foot Pedal. Turn the Speed Control Knob forward to increase speed and backward to decrease speed. The Speed Control Knob can be set in a range from 0 to 10. Speed can be adjusted in both Normal Mode and Ulterra Mode. Speed can also be adjusted using a remote.

Heel/Toe Steering

Push the Toe End of the Foot Pedal down to turn right and push the Heel End of the Foot Pedal down to turn left. The position and direction of the Control Head directly corresponds to the position of the motor. Use the foot pedal to control the steering direction during manual operation. Heel/Toe Steering functions the same in Normal Mode and Ulterra Mode. The direction of the motor can also be controlled with a remote.

Steer Right/Steer Left

The Steer Right ⇨ and Steer Left ⇦ buttons are located at the bottom of the Foot Pedal. They function to steer the motor to the right and left when the Foot Pedal is operating in Normal Mode. The amber MODE ● LED on the Indicator Panel will not be illuminated when in Normal Mode. Holding the Steer Right or Steer Left buttons down will continue to steer the motor to the left or right. Small steering changes of less than one degree can be made by quickly tapping the Steer Right and Steer Left buttons. The position of the Steering Head directly corresponds to the position of the motor. The direction of the motor can also be controlled with a remote.

⚠ CAUTION

The steering system is designed to turn the motor 360 degrees. Be careful to avoid over-wrapping the Coil Cord around the trolling motor Shaft.

Trim Down/Trim Up

The Trim Down ⇩ and Trim Up ⇧ buttons are located at the bottom of the Foot Pedal. They function to trim the motor up and down when the Foot Pedal is in Ulterra Mode. The amber MODE ● LED on the Indicator Panel will be illuminated when in Ulterra Mode. The Trim Down button trims the motor down and the Trim Up button trims the motor up.

⚠ WARNING

When trimming the motor, keep fingers clear of all hinges, pivot points and all moving parts. When stowing and deploying the motor, ensure that it doesn't contact the boat, trailer, or any other obstruction.

Prop ON/OFF

The Prop ON/OFF button is located at the bottom of the Foot Pedal. It functions to momentarily turn the Prop on and off when the Foot Pedal is operating in Normal Mode. The MODE ● LED on the Indicator Panel will not be illuminated when in Normal Mode. The Prop will turn on when pressure is applied to the button and turn off when pressure is removed. The Prop button does not change the behavior of the Prop when the Constant button is engaged.

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Stow/Deploy

The Stow/Deploy button is located at the bottom of the Foot Pedal. It functions to stow and deploy the motor when the Foot Pedal is operating in Ulterra Mode. The amber MODE LED on the Indicator Panel will illuminate when in Ulterra Mode. When the motor is deployed, press the Stow/Deploy button to stow it. When the motor is stowed, double-press the Stow/Deploy button to deploy it. When stowing and deploying the motor, the operational function of the Foot Pedal or paired remote is automatically disabled. The Prop is also disabled when the motor is stowing or deploying.

⚠ WARNING

When stowing or deploying the motor, keep fingers clear of all hinges, pivot points and all moving parts. When stowing and deploying the motor, ensure that it doesn't contact the boat, trailer, or any other obstruction.

⚠ WARNING

When transporting the motor, it is important to always stow the motor and make sure it is secured in place. A secure stow holds the motor in place during transportation when it is subject to high levels of shock and vibration. Failure to stow the motor may result in injury or damage to the unit.

Constant

The Constant CON button is located on the left side of the Foot Pedal, below the AutoPilot button. It toggles the motor between Constant motor operation and Momentary motor operation. The green CONSTANT LED on the Indicator Panel will be illuminated when the motor is in Constant motor operation. In Constant motor operation, the Prop will continually run at the speed set by the Speed Control Knob or remote, regardless of whether force is being applied to the Momentary button or Prop ON/OFF button.

NOTICE: The motor will not auto correct to drive straight when it encounters an obstruction.

Momentary

In Momentary motor operation, the Prop will only run while downward force is applied to the Momentary button. The Momentary button is on the Toe End of the Foot Pedal. Applying downward pressure to the Momentary button will turn the Prop "on." The motor will then run at the speed set by the Speed Control Knob or a paired remote. Removing downward force from the Momentary button will turn the Prop "off." No indicator light is associated with the Momentary button. The Momentary button functions similarly to the Prop ON/OFF button but works in both Normal Mode and Ulterra Mode.

⚠ CAUTION

If the Prop encounters an obstruction while in Constant or Momentary motor operation, while the Prop is running, the increased electrical current generated by the obstruction will signal the motor to decrease power to the Prop in order to prevent damage. If the current overload is detected for more than 20 seconds, the Prop will be disabled to prevent damage to the motor. In this event, the operator can turn the Prop back on after clearing the obstruction.

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AutoPilot

The AutoPilot |▲| button is located on the left side of the Foot Pedal, below the Indicator Panel. Pressing the AutoPilot button toggles AutoPilot on and off. The AUTOPILOT SPOT-LOCK LED on the Indicator Panel illuminates red when AutoPilot is engaged. AutoPilot can be used in both Normal Mode and Ulterra Mode. When AutoPilot is initiated from the Foot Pedal, the default AutoPilot mode is determined by the paired remote. AutoPilot can also be engaged and disengaged using the remote. For more specific directions on how to use AutoPilot, refer to your remote Owner's Manual.

Spot-Lock

The Spot-Lock ⚓ button is located on the lower-right side of the Foot Pedal and is labeled with an anchor symbol. When the Spot-Lock button is pressed, the location of the motor is recorded to a temporary Spot-Lock location. To engage Spot-Lock, press the Spot-Lock button. To disengage, press the Spot-Lock button again. The SPOT-LOCK AUTOPILOT SPOT-LOCK LED on the Indicator Panel illuminates blue when Spot-Lock is engaged. Spot-Lock can be engaged in Normal and Ulterra Modes, and switching between Modes does not cancel Spot-Lock. Spot-Lock can also be controlled with a remote.

When engaging Spot-Lock, a tone will be emitted from the Control Head. When disengaging Spot-Lock with the Spot-Lock button, no tone will be emitted. Steering the motor with the Foot Pedal or adjusting the speed using the Speed Control Knob will cancel Spot-Lock, and a tone consisting of several short beeps will emit from the Control Head.

NOTICE: In the default Audio Mode, a tone is emitted from the Control Head when Spot-Lock or AutoPilot is engaged. If the Audio Mode is changed, a tone will not be emitted when engaging Spot-Lock or AutoPilot. To learn more about Audio Modes, refer to the paired remote Owner's Manual online at minnkota.johnsonoutdoors.com.

NOTICE: The Spot-Lock and AutoPilot buttons only work on trolling motors already installed with these features. If the Foot Pedal is used on a motor without these features, the Spot-Lock and AutoPilot buttons will be non-functioning.

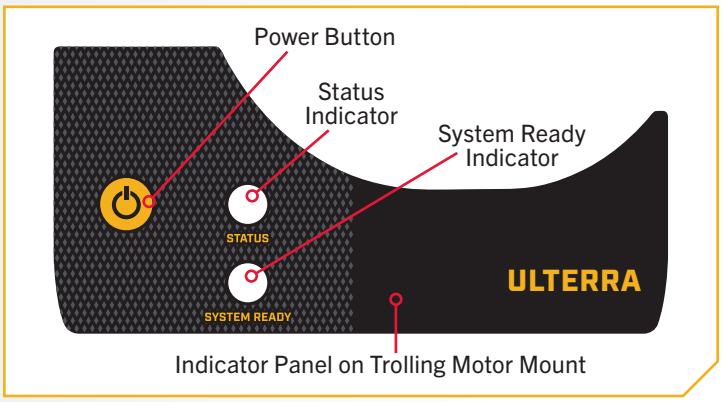
STOW, DEPLOY & TRIM ›

STOWING AND DEPLOYING THE MOTOR WITH THE FOOT PEDAL

Use the following procedure to stow and deploy the motor. If the motor stalls when attempting to stow, the motor may be encountering an error. Check for obstructions or low motor batteries. If the batteries are too low to fully stow the motor, re-engage power, deploy the motor, trim the lower unit to its highest setting, and turn power off until batteries can be recharged. Once batteries are charged, attempt to stow the motor again.

1

a. Locate the Indicator Panel at the end of the Mount on the trolling motor. Ensure that the trolling motor is powered on. When the motor is on, the System Ready SYSTEM READY LED will illuminate green.



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2

b. On the Foot Pedal, press the MODE button to put the Foot Pedal into Ulterra Mode. The amber MODE LED on the Indicator Panel will illuminate when in Ulterra Mode.

NOTICE: The Foot Pedal can only stow and deploy the motor while in Ulterra Mode.

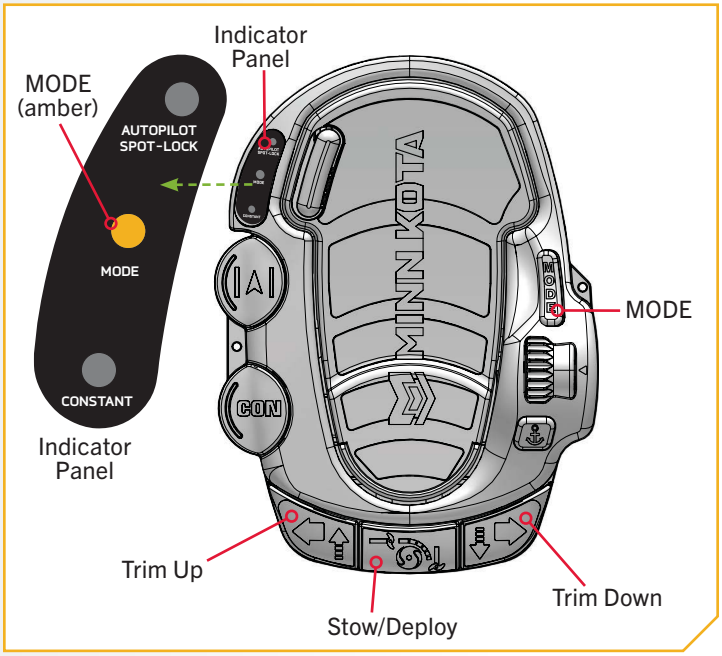
c. To deploy the motor when it is stowed, double-press the Stow/Deploy button. To stow the motor when it is deployed, single-press the Stow/Deploy button.

⚠ WARNING

When stowing or deploying the motor, keep fingers clear of all hinges, pivot points, and all moving parts. When stowing and deploying the motor, ensure that it doesn't contact the boat, trailer, or any other obstruction.

NOTICE: The **deploy** sequence can be stopped anytime by pressing the Stow/Deploy button. The **stow** sequence can be stopped at any time by pressing either the Trim Up or Trim Down button or the Stow/Deploy button.

NOTICE: To avoid churning or agitation of surface water, ensure that the top of the motor is submerged at least 12" below the surface of the water.

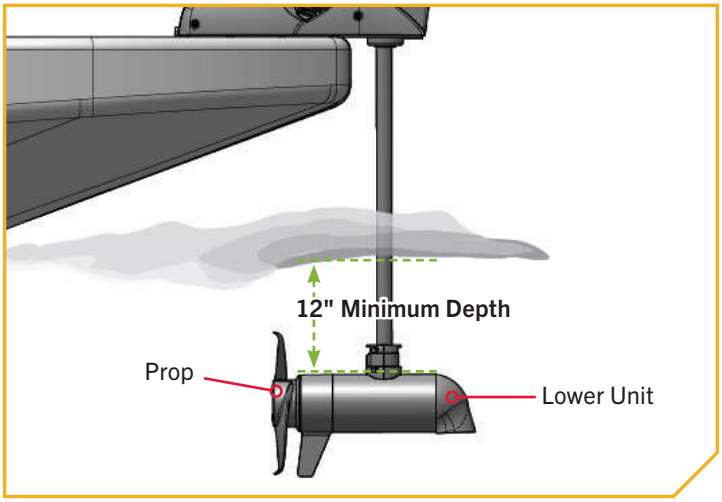


⚠ WARNING

The motor is not safely stowed for transport until the red Status Indicator LED on the Mount Indicator Panel is illuminated.

ADJUSTING THE DEPTH (TRIM) OF THE MOTOR WITH THE FOOT PEDAL

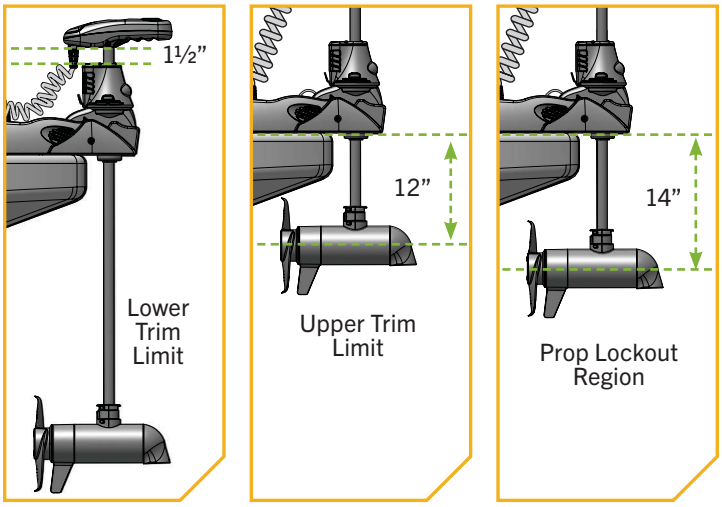
Once the boat is on the water, it may be necessary to adjust the trim of the Lower Unit up or down to achieve an optimum depth for motor performance. When setting the depth of the motor, be sure the top of the Lower Unit is submerged at least 12" below the surface of the water to avoid churning or agitation of surface water. It may be necessary to trim the motor up or down, depending on how the boat is responding. Trim up to avoid hitting underwater objects and trim down if the Prop is coming out of the water.



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ADJUSTING THE DEPTH OF THE MOTOR (TRIM) WITH THE FOOT PEDAL

The Prop will temporarily stop while trimming the motor and resume once trimming is stopped. The motor is programmed to operate safely and limit Prop rotation when the Lower Unit is trimmed within certain limits. Trim limits are in place to avoid damage to the unit. A Lower Trim Limit is set approximately 1½" from the bottom of the Control Head to the top of the Trim Housing. An Upper Trim Limit is set 12" from the bottom of the Mount to the center of the Lower Unit. A Prop Lockout Region, defined as 14" from the bottom of the Mount to the center of the Lower Unit, is used to eliminate the possibility of the motor contacting the boat hull. All functions, except for manual steering and recording an iTrack, are canceled upon trimming into this region.



1

a. On the Foot Pedal, press the MODE button to put the Foot Pedal into Ulterra Mode. The amber MODE LED on the Indicator Panel will illuminate when in Ulterra Mode.

NOTICE: The Foot Pedal can only trim the motor while in Ulterra Mode.

⚠ WARNING

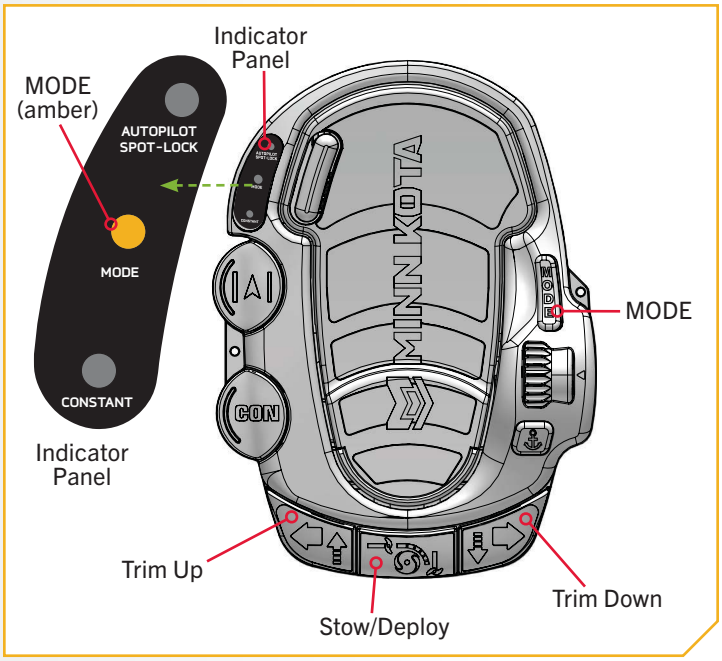
When trimming the motor, keep fingers clear of all hinges, pivot points, and all moving parts.

⚠ WARNING

While Trim Up or Trim Down is pressed, the motor will automatically trim. Be sure the motor is clear from obstructions and has a clear path of travel. The Prop is disabled while the motor is being trimmed to prevent accidental contact with the rotating Prop.

b. To trim the motor up, press the Trim Up button located on the bottom left of the Foot Pedal.

c. To trim the motor down, press the Trim Down button located on the bottom right of the Foot Pedal.



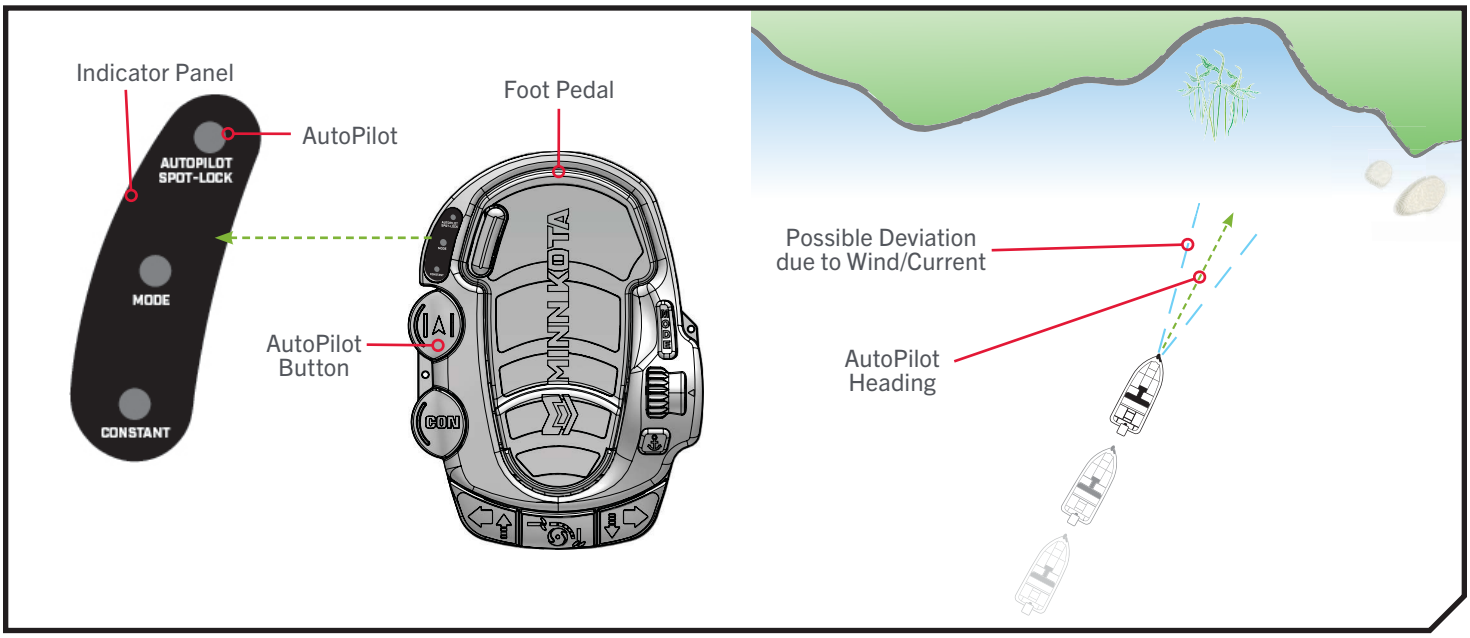
NOTICE: To avoid churning or agitation of surface water, ensure that the top of the motor is submerged at least 12" below the surface of the water.

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AUTOPILOT

AUTOPILOT™ CONTROLS

The Ulterra or Riptide Ulterra may be purchased with factory-installed AutoPilot. Minn Kota AutoPilot™ uses a magnetic compass and microprocessor chip to keep the trolling motor pointed in the intended direction. Each time the wind or water current moves the boat off course, AutoPilot senses the change and steers itself back to the original heading. The AutoPilot direction is set every time a steering change is made. To change direction, steer until the Control Head points to the desired course. AutoPilot will pull the bow of the boat around and correct automatically until the boat is moving in the chosen direction. AutoPilot may be controlled with the Foot Pedal or a compatible Minn Kota remote. For more information on AutoPilot, refer to the paired remote Owner's Manual online at minnkota.johnsonoutdoors.com.



AutoPilot

AutoPilot uses an internal compass to provide heading lock. When AutoPilot is on, it keeps the motor pointed in the same compass direction. If a manual steering correction is made, AutoPilot locks onto the new compass heading to which the boat was steered. This method of heading tracking does not take into account external forces such as a side wind or currents, which can allow side drift.

NOTICE: The AutoPilot button will only work on trolling motors equipped with AutoPilot. If the Foot Pedal is used on a motor without this feature, the AutoPilot button will be non-functioning.

⚠ CAUTION

This unit uses a magnetic compass to detect direction of travel. The compass can be adversely affected by magnets or large, ferrous metal objects near (within 12" of) the trolling motor control head.

Obstructions on the Prop may cause excessive vibration of the motor head. This vibration can cause the compass to wander and erratic steering to occur. Clear the obstruction to return the motor to normal operation.

The trolling motor has an automatic steering shutdown for safety. In conditions where an obstruction prevents the motor from turning, or in extremely windy conditions, the automatic steering may stop. Any steering input will reset the system to normal.

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CONTROLLING AUTOPILOT ›

› Toggle AutoPilot On/Off

When AutoPilot is on and the trolling motor is pulled out of the water to the stow position, the steering motor will continue to run. Turn AutoPilot off to stop the motor. If AutoPilot is left on, the steering motor will shut off automatically after 10 seconds. The motor should not be stored in this condition for long periods as power is still being applied to all electronics. Always turn AutoPilot off and disconnect the motor from the battery when storing the boat.

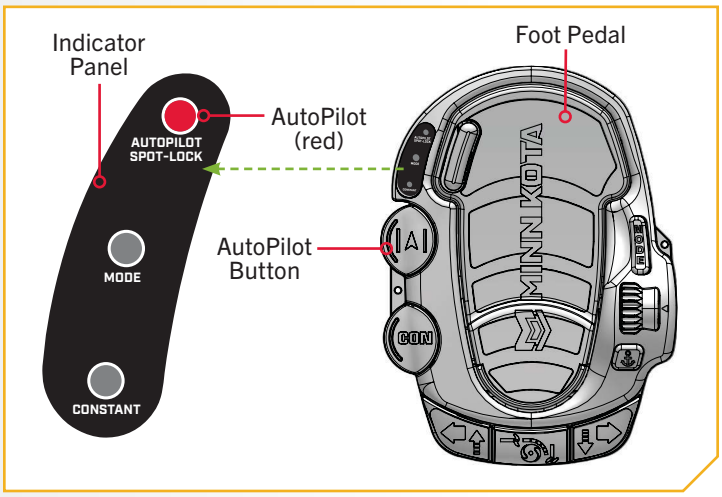
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a. While the motor is running, AutoPilot can be turned on by pressing the AutoPilot | ⏃ | button located on the Foot Pedal or Minn Kota remote.

b. The AUTOPILOT SPOT-LOCK LED on the Indicator Panel will illuminate red when AutoPilot is engaged. With AutoPilot turned on, steer the motor as desired.

NOTICE: After steering to a new direction, there is a short delay before the direction is locked in to allow the compass to stabilize. When broad speed changes are made, the AutoPilot heading may change slightly. This is normal.

c. To turn AutoPilot off, press the AutoPilot | ⏃ | button.



⚠ CAUTION

When AutoPilot is on and the trolling motor is pulled out of the water to the stow position, the steering motor will continue to run. Turn AutoPilot off to stop the motor. If AutoPilot is left on, the steering motor will shut off automatically after 10 seconds. The trolling motor should not be stored in this condition for long periods as power is still being applied to all electronics. Always turn Autopilot off and disconnect the motor from batteries when storing the boat.

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SPOT-LOCK

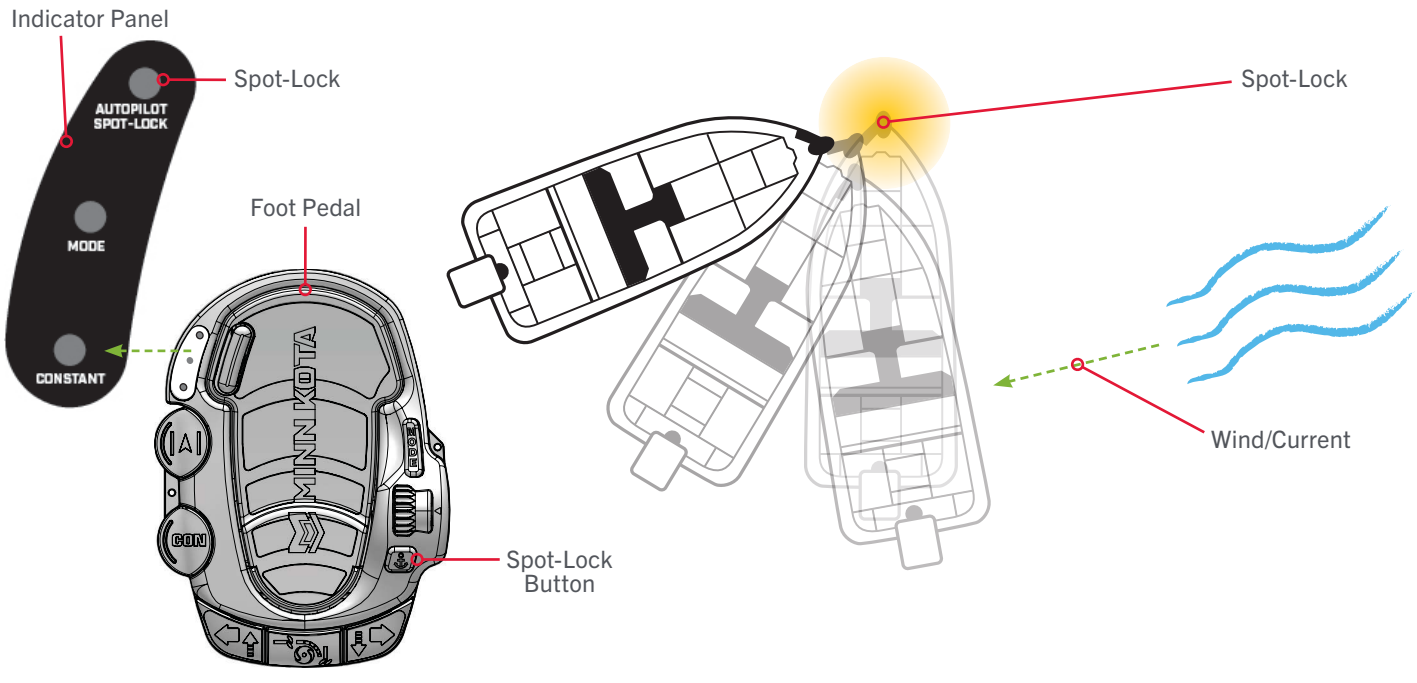
HOW SPOT-LOCK WORKS

Spot-Lock uses a single point of reference that is recorded when the Spot-Lock button is pressed. The reference point is a set of GPS coordinates captured at the location of the trolling motor at the moment the button is pressed. This point is recorded and can be saved into one of the Spot-Lock memory locations. Spot-Lock works by recognizing the GPS coordinates and will automatically navigate the boat to keep it at the Spot-Lock location. If the motor recognizes it is not positioned at the Spot-Lock location, it will control motor speed and direction in an attempt to keep the motor on the Spot-Lock. For more specific instructions on using Spot-Lock, refer to the paired remote Owner's Manual online at minnkota.johnsonoutdoors.com.

NOTICE: Spot-Lock is based on the location of the trolling motor, not on the location or direction of the boat. Outside forces such as wind and current will cause the boat to move. Spot-Lock will navigate to maintain the motor on the Spot-Lock location, regardless of the position of the boat.

⚠ WARNING

Watch for a turning Prop when working with Spot-Lock. The Prop will automatically turn on when Spot-Lock is engaged, even if the engagement is accidental. A turning Prop can cause injury. The Prop will turn "on" for Spot-Lock, regardless of the Prop Auto On setting used on other control methods.



NOTICE: The Spot-Lock button will only work on trolling motors equipped with Spot-Lock. If the Foot Pedal is used on a motor without this feature, the Spot-Lock button will be non-functioning.

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CONTROLLING SPOT-LOCK ›

› Toggle Spot-Lock On/Off

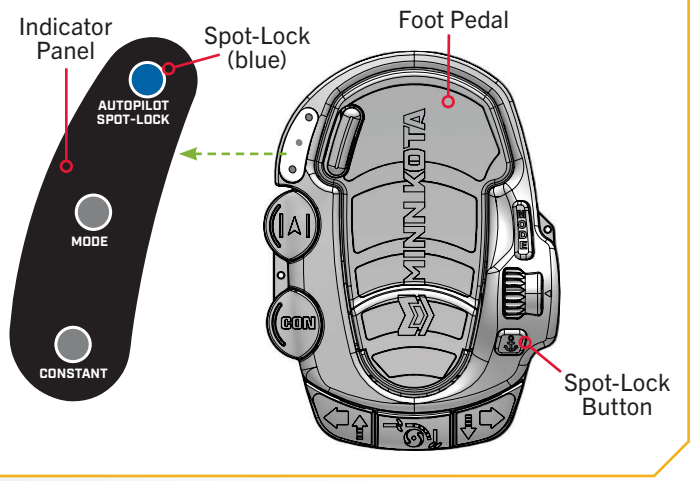
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a. While the motor is running, Spot-Lock can be turned on by pressing the Spot-Lock button located on the Foot Pedal. The SPOT-LOCK LED on the Indicator Panel illuminates blue when Spot-Lock is engaged.

NOTICE: In the default Audio Mode, a tone is emitted from the Control Head when Spot-Lock is engaged. If the Audio Mode is changed, a tone will not be emitted when engaging Spot-Lock. To learn more about Audio Modes, refer to the paired remote Owner's Manual online at minnkota.johnsonoutdoors.com.

b. To disengage Spot-Lock, press the Spot-Lock button or press any button on the Foot Pedal to manually steer the trolling motor.

NOTICE: If the Spot-Lock button is accidentally pressed, press the Spot-Lock button again to cancel Spot-Lock.



NOTICE: Adjusting the speed using the Speed Control Knob or manually steering the motor will disengage Spot-Lock, and a tone consisting of several short beeps will emit from the Control Head. Manually steering or adjusting the Prop speed with a paired remote will also cancel Spot-Lock.

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SERVICE & MAINTENANCE

GENERAL MAINTENANCE

- Keep the Corded Foot Pedal well dry and clean. Debris that gets into the Foot Pedal can cause interference of pedal operation. It is recommended to use compressed air to clean the Foot Pedal after each use.

NOTICE: For all other malfunctions, visit a Minn Kota Authorized Service Center. Search for an Authorized Service Center by visiting minnkota.johnsonoutdoors.com or by calling our Minn Kota customer service at 800-227-6433.

FOR FURTHER TROUBLESHOOTING AND REPAIR

We offer several options to help you troubleshoot and/or repair your product. Please read through the options listed below.

Buy Parts Online

You can buy parts online directly from our website at minnkota.johnsonoutdoors.com. From screws to sideplates, you can order replacement parts for your Minn Kota products.

Frequently Asked Questions

Find answers to general inquiries, battery and rigging installation, and networking scenarios. We have FAQs available on our website at minnkota.johnsonoutdoors.com to help answer all of your Minn Kota questions.

Call Us (for U.S. and Canada)

Our consumer service representatives are available Monday – Friday between 7:00 a.m. – 4:30 p.m. CST at 800-227-6433. If you are calling to order parts, please have the 11-character serial number from your product, specific part numbers, and credit card information available. This will help expedite your call and allow us to provide you with the best consumer service possible. You can reference the parts list located in your manual to identify the specific part numbers.

Contact Us

You can contact our consumer service department with questions regarding your Minn Kota products. To inquire, visit minnkota.johnsonoutdoors.com.

Authorized Service Centers

Minn Kota has over 800 authorized service centers in the United States and Canada where you can purchase parts or get your products repaired. Please visit our website to locate a service center in your area.

Scan to visit Minn Kota service online.

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COMPLIANCE STATEMENTS

ENVIRONMENTAL COMPLIANCE STATEMENT

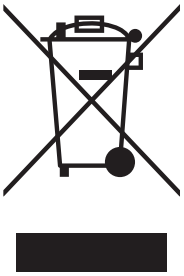
It is the intention of JOME to be a responsible corporate citizen, operating in compliance with known and applicable environmental regulations, and a good neighbor in the communities where we make or sell our products.

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

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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

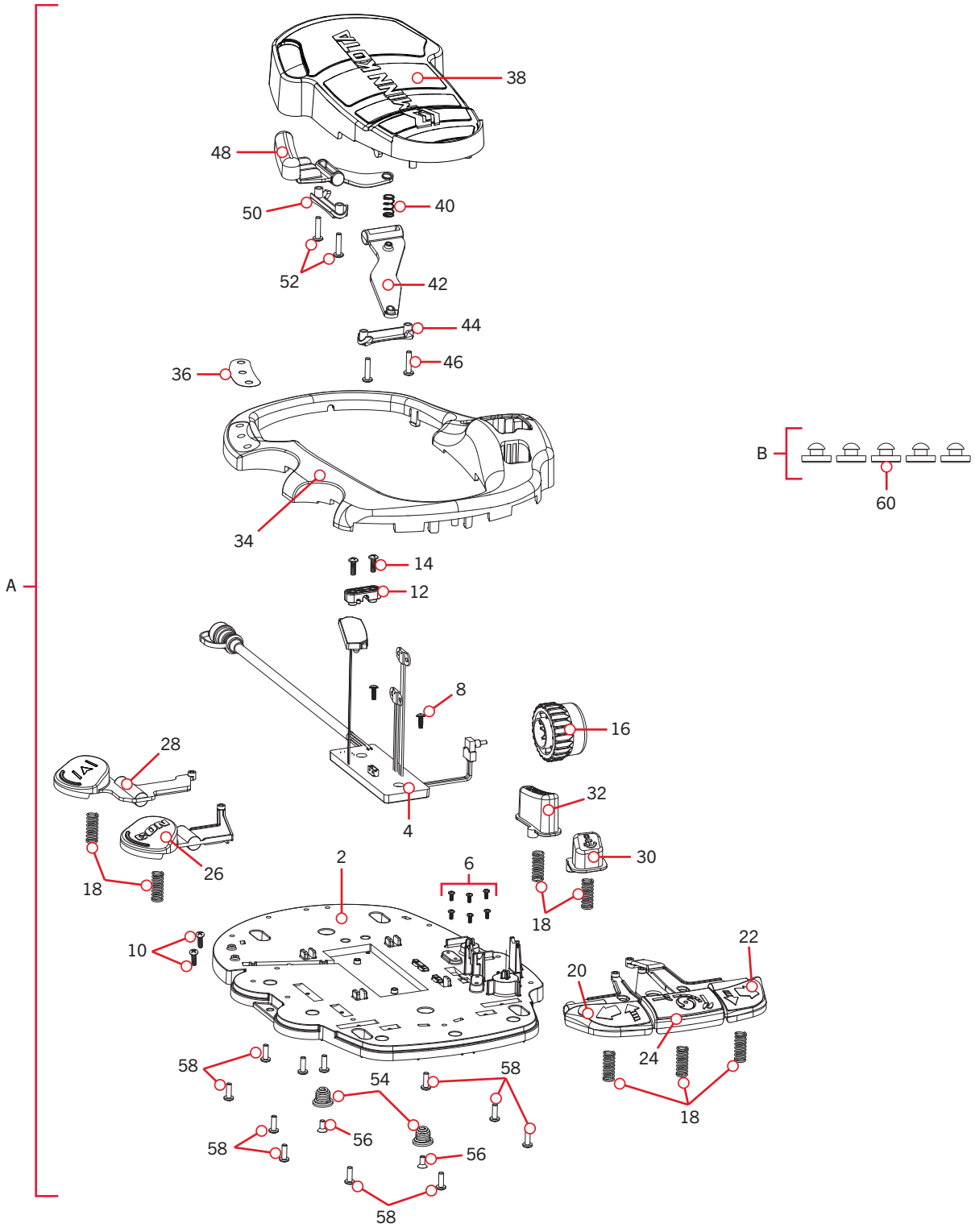
Ambient operating temperature range: -10C to 50C
Ambient operating humidity range: 5% to 95%
Maximum operating altitude: 10,000 feet

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PARTS DIAGRAM & PARTS LIST

ULTERRA & RIPTIDE ULTERRA FOOT PEDAL

Foot Pedal Parts Diagram



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Foot Pedal Parts List

Assembly	Part #	Description	Quantity
A	2994743A	FT PEDAL ASM ULTERRA 1.5 ACC.	1
B	2994859	BAG ASY-TERROVA/V2,RUB.BUMPERS	1
Item	**Part #**	**Description**	**Quantity**
2	2204501	BASE PLATE, FOOT PEDAL	1
4	✖	PCB ASSY, ULTERRA	1
6	2373440	SCREW-#4-24 X 1/4 PHCR SS TY B	6
8	2372103	SCREW-#6 X .375 PLASTITE SS	2
10	2302100	SCREW-#6-20 X 1/2 THD CUTS	2
12	2322900	STRAIN RELIEF, FOOT PEDAL	1
14	2372100	SCREW-#8-18 X 5/8 THD* (SS	2
16	2320100	KNOB-SPEED, FOOT PEDAL	1
18	2322704	SPRING, LARGE SHORT SS	7
20	2203710	BUTTON,LFT STR w/TRIM UP ARROW	1
22	2203711	BUTTON,RGT STR w/TRIM UP ARROW	1
24	2203715	BUTTON, MOMENTARY/STOW-DEPLOY	1
26	2323715	BUTTON,MOM/CON,FT PEDAL	1
28	2323726	BUTTON, AP FOOT PEDAL	1
30	2203720	BUTTON, SPOT LOCK,ULTERRA/TRRV	1
32	2203725	BUTTON, MODE, ULTERRA	1
34	2200201	COVER, HEEL TOE FT PEDAL OBN	1
36	2205605	DECAL, 3 INDICATORS, ULTERRA	1
38	2324401	PEDAL, HEEL/TOE, FOOT PEDAL	1
40	2322714	SPRING (LEE #LC-029E-4-S) SS	1
42	2328600	FLEX FINGER, FOOT PEDAL	1
44	2321300	CLAMP-LEFT, FT PEDAL	1
46	2223430	SCREW-#8x3/4 PPH,TYPE 25,SS	2
48	2323710	BUTTON,MOM LEFT,FT PEDAL	1
50	2321300	CLAMP-LEFT, FT PEDAL	1
52	2223430	SCREW-#8x3/4 PPH,TYPE 25,SS	2
54	2322706	SPRING-BARREL SS	2
56	2323421	SCREW-#8-18 X 1/2" PFH SS TY B	2
58	2301310	SCREW-#8-18 X 1/2 (SS)	11
60	2325110	PAD,FOOT PEDAL PD	5
▲	2207117	INSTRC.SHEET,ULT. FT.PED. ACC.	1

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

▲ *Not shown on Parts Diagram.*

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RECOMMENDED ACCESSORIES

ON-BOARD & PORTABLE BATTERY CHARGERS

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



MK212PCL



MK210D



MK110PD

TALON SHALLOW WATER ANCHOR

Talon is the only shallow water anchor with up to 15' of anchoring depth, multiple anchoring modes, and control from the bow, transom, console, remote or mobile device.

BUILT-IN WORK LIGHT

Lets you tie lines and work from the transom any time of day — or night. Includes both white and blue LED lights with three brightness settings.

BLUETOOTH® CONNECTIVITY

Lets you control Talon from your mobile device and easily update it. Also opens up communication to other control options.

UP TO 15' DEEP

Control more water and catch more fish with the first 15' shallow water anchor.

MORE CONTROL OPTIONS

- Control Panel
- Wireless Remote
- Mobile App
- Wireless Foot Switch
- Humminbird® Connectivity
- Advanced GPS Navigation System Remote



MINN KOTA ACCESSORIES

We offer a wide variety of trolling motor accessories, including:

- 60-Amp Circuit Breaker
- Mounting Brackets
- Stabilizer Kits
- Extension Handles
- Battery Connectors
- Battery Boxes
- Quick Connect Plugs



MINN KOTA®

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