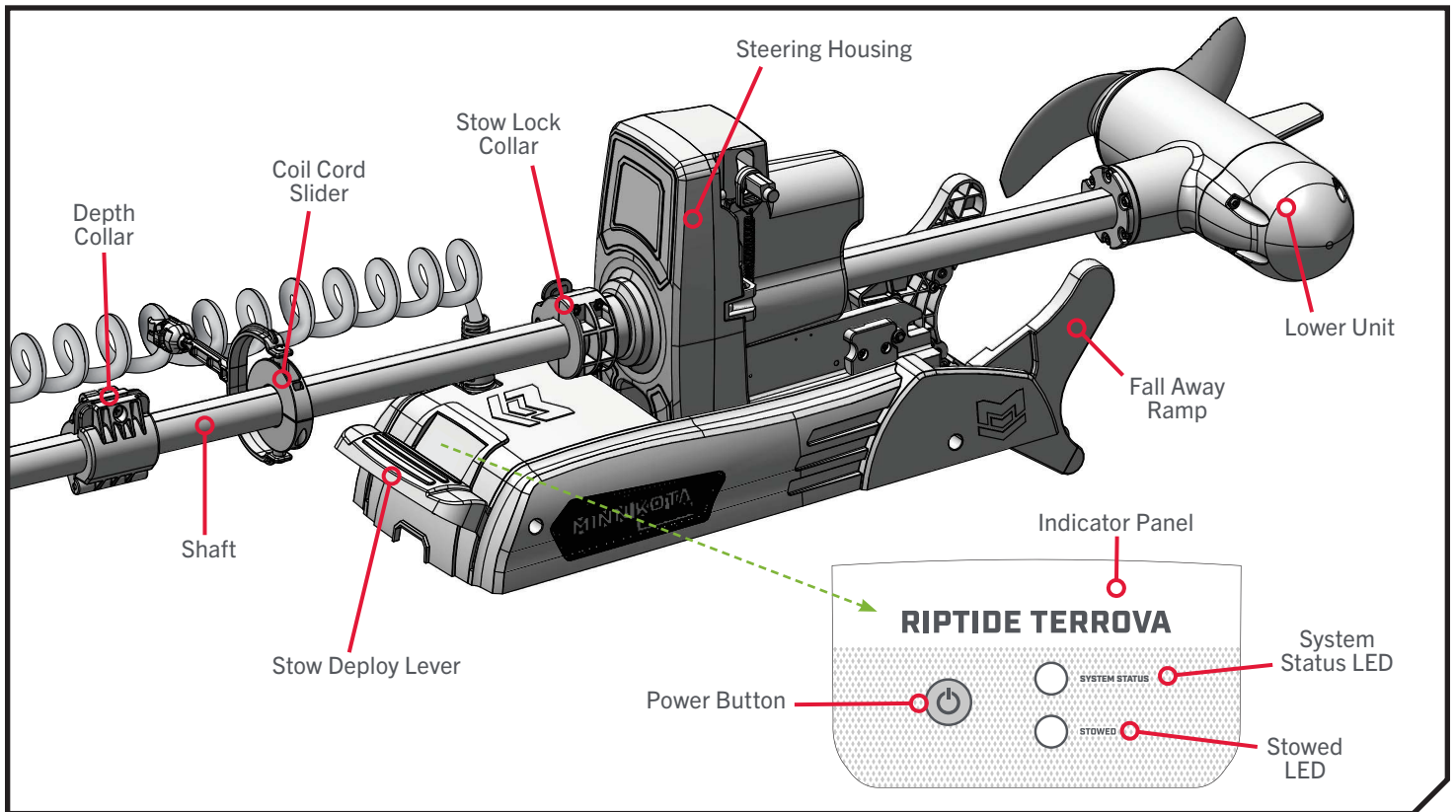


USING & ADJUSTING THE MOTOR

MOUNT FEATURES

Become familiar with the features of the motor to maximize the capabilities this product offers.





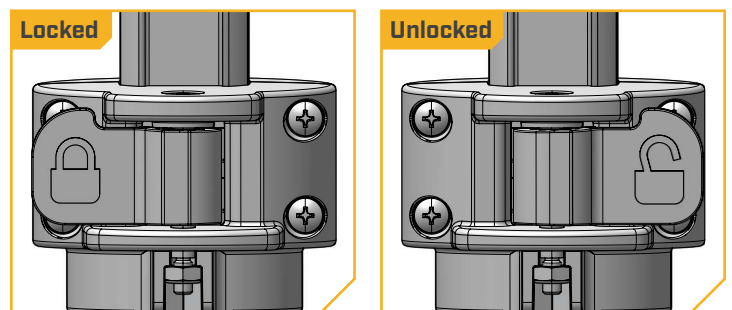
› Depth Collar

The Depth Collar functions to hold the motor at the proper depth while deployed. On motors with a shaft length of 60", the Depth Collar also holds the motor in place when stowed. Open the Cam Lever to release the Depth Collar and allow it to slide up and down the motor Shaft. Close the Cam Lever to secure the Depth Collar in place. On motors with a shaft length of 60", the Depth Collar sits between the Control Head and Steering Housing. On motors with a 72", 87" or 100" shaft length, the Depth Collar sits between the Control Head and the Coil Cord Slider.

› Stow Lock Collar

On motors with a shaft length of 72", 87", or 100", a Stow Lock Collar sits above the Steering Housing and functions to hold the motor in place when stowed. The Stow Lock Collar is not present on motors with a shaft length of 60". The Stow Lock Collar is stationary and can be locked to secure the Shaft or unlocked to allow the Shaft to slide freely when stowing or deploying. Flip the Lock Arm to lock or unlock the Stow Lock Collar.

Each side of the Lock Arm has an icon that displays the status of the Stow Lock Collar. When the Lock  icon is visible, the Stow Lock Collar is locked and the Shaft is secure; when the Unlock  icon is visible, the Stow Lock Collar is unlocked and will not hold the Shaft in place. When locking or unlocking, be sure to press the Lock Arm so that it is fully seated against the Stow Lock Collar.



MOUNT FEATURES




WARNING

When the motor is being transported, it is important to fully lock the Stow Lock Collar (for shaft lengths 72", 87" or 100") or secure the Depth Collar snug against the Steering Housing (for shaft lengths 60"). This provides a secure stow and holds the motor in place during transportation when it is subject to high levels of shock and vibration. Failure to secure the motor may result in injury or damage to the unit.

› **Coil Cord Slider**

Motors with a shaft length of 72", 87" or 100" have a Coil Cord Slider. The Coil Cord Slider functions to support the Coil Cord and prevent it from becoming tangled or hitting obstructions. The Coil Cord Slider sits on the Shaft between the Stow Lock Collar and the Depth Collar. The arm of the Coil Cord Slider connects to the Coil Cord. The Coil Cord Slider floats freely on the Shaft and moves with the Coil Cord while stowing and deploying.

› **Fall Away Ramps**

The Fall Away Ramps hold and support the Lower Unit when the motor is in the stowed position. The Fall Away Ramps also rotate to release the Lower Unit when deployed and guide the Lower Unit back onto the mount when stowed. When the Fall Away Ramps latch into an upright position, the STOWED  LED on the Indicator Panel will illuminate orange. The position of the Fall Away Ramps is released for deployment by pressing the Stow Deploy Lever.

WARNING

When stowing or deploying the motor, keep fingers clear of all hinge and pivot points and all moving parts.

› **Stow Deploy Lever**

The Stow Deploy Lever functions to unlatch the Fall Away Ramps and release the motor for deploying or stowing. When the motor is in the deployed position, pressing the Stow Deploy Lever will cause the Lower Unit to automatically rotate into the Stow Orientation. The Stow Deploy Lever is located at the front of the mount and is activated by pressing the Lever down.




CAUTION

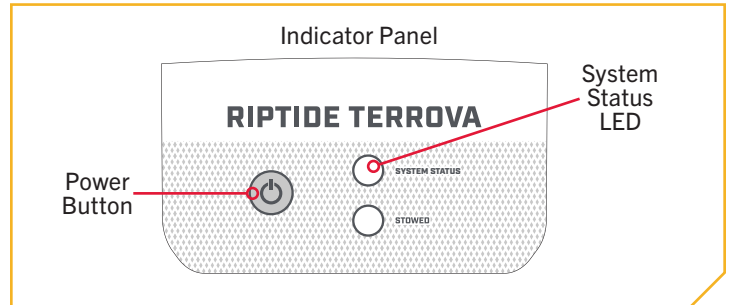
For safety reasons, disconnect the motor from the battery/batteries when the motor is not in use or while the battery/batteries are being charged. If the motor control is left on and the propeller rotation is blocked, severe motor damage can result.

INDICATOR PANEL

The Indicator Panel is located at the front of the Mount, above the Stow Deploy Lever. Power to the motor is turned "on" and "off" through the Power button on the Indicator Panel. The LEDs on the Indicator Panel communicate the status of the motor.



› Power Button

The Riptide Terrova QUEST must be manually powered "on" and "off." Press the Power  button on the Indicator Panel to turn the motor "on." When the motor is powered on, the System Status  LED will illuminate blue. To turn the motor "off," press and release the Power button. When the Motor is powered off, the System Status  LED will not be illuminated.








› LED Patterns


STOWED

- **Orange solid**  - Indicates that the trolling motor is stowed. The Fall Away Ramps are locked upright to support the Lower Unit. When the motor is deployed, the STOWED  LED will not be illuminated.

SYSTEM STATUS

- **Blue solid**  - Normal operation. The trolling motor is powered on. When the Motor is powered off, the System Status  LED will not be illuminated.
- **Red solid**  - Error. When the System Status LED is solid red, the motor is trying to correct an error and fix it in real time.
- **Red flashing**  - Critical error. The Prop will lock so that it cannot be engaged. A critical error must be manually cleared by correcting the source of the error. Once fixed, cycle power to the trolling motor by pressing the Power button "off" and then back "on" to clear the error and resume normal operation.

 **WARNING**

The trolling motor is not safely stowed for transport until the orange STOWED  LED is illuminated and the Stow Lock Collar is locked or the Depth Collar is secured against the Steering Housing.

NOTICE: When encountering a critical error, the Wireless Remote will provide an error code in the Diagnostic menu. Refer to the Wireless Remote Owner's Manual to learn more about error codes.

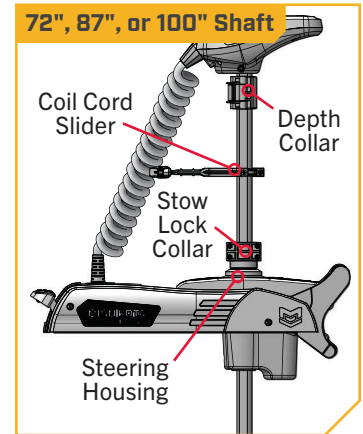
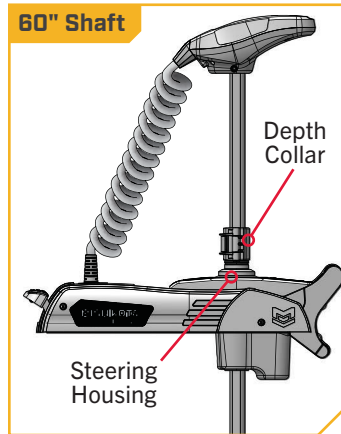
STOWING AND DEPLOYING THE MOTOR

STOWING AND DEPLOYING THE MOTOR

The method for securely stowing and deploying the Riptide Terra QUEST varies slightly between short-shaft and long-shaft motors.



Short-shaft motors have a shaft length of 60". Motors with a short shaft only have a Depth Collar, which is used to set the motor depth when deploying. When stowing the motor, the Depth Collar is placed against the Steering Housing to ensure a secure stow.

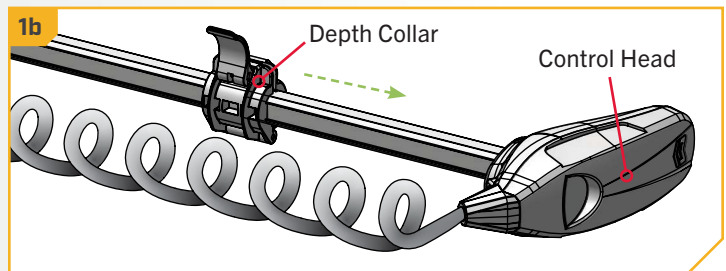
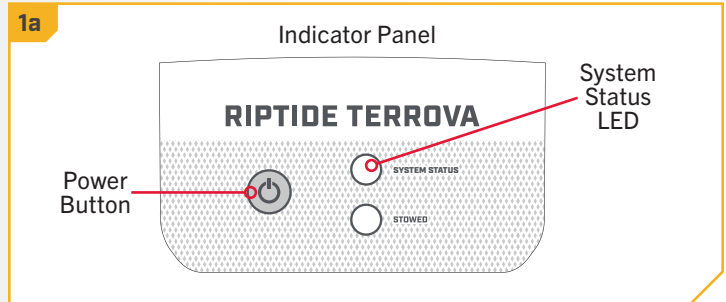
Long-shaft motors have shaft lengths of 72", 87" or 100". Motors with a long shaft contain a Stow Lock Collar, Coil Cord Slider and Depth Collar. On long-shaft motors, the Depth Collar functions to hold the motor at the proper depth when deployed. The Stow Lock Collar is unlocked to allow the Shaft to move freely when stowing and deploying. After stowing the motor, the Stow Lock Collar is locked to ensure a secure stow. The Stow Lock Collar can also be locked to hold the motor at the proper depth when deployed in shallow water.



60" SHAFTS >

> To Deploy the Motor (60" Shafts)

- 1
 - a. Power on the trolling motor by pressing the Power  button on the Indicator Panel. When the trolling motor is on, the System Status  LED will be blue.
 - b. Release the Depth Collar by opening the Cam Lever. Slide the Depth Collar up towards the Control Head. When at the desired depth, close the Cam Lever to lock the Depth Collar position on the Shaft.



WARNING

When stowing or deploying the motor, keep fingers clear of all hinge and pivot points and all moving parts.

TO DEPLOY THE MOTOR (60" SHAFTS)

2

- c. Firmly grasp the Shaft or Control Head above the Depth Collar, then press the Stow Deploy Lever at the base of the mount to release the Fall Away Ramps.

WARNING

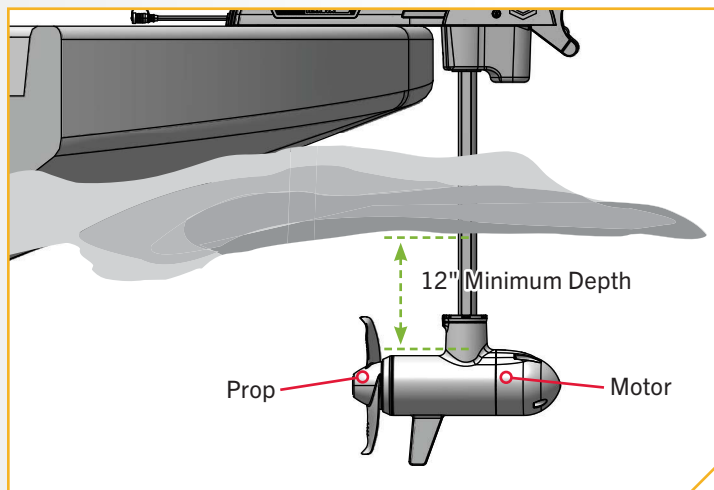
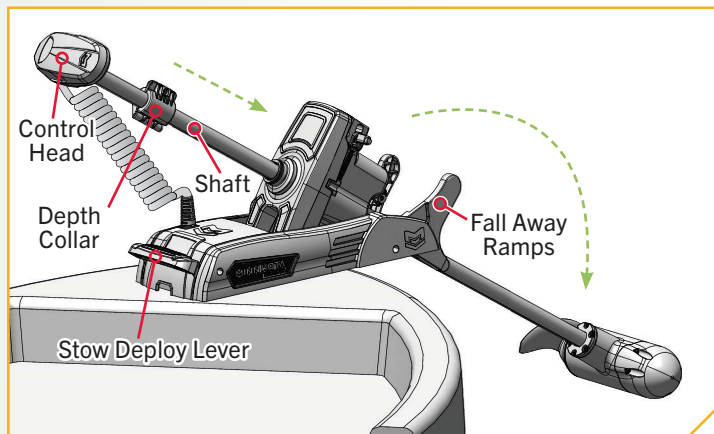
The Control Head will create a pinch point if the Depth Collar is released and the Control Head slides to the top of the Depth Collar. Grasp the Shaft to prevent it from sliding all the way down and creating a pinch point.

Practice proper ergonomics when stowing and deploying the motor to prevent injury.

CAUTION

If the Keel Offset has been configured, and Straight On Deploy is toggled "on," the motor will automatically rotate into the Keel Offset position when the Shaft is fully vertical and the Steering Housing locks into the deployed position. Be aware of this motion to avoid suddenly releasing the Shaft and to avoid contacting pinch points.

- d. Guide the Lower Unit out and away from the Fall Away Ramps. Maintain a secure hold while guiding the motor to the deployed position. Allow the Lower Unit to drop and tilt so that the Shaft is vertical. Lower the motor into the water until the Depth Collar is seated against the Steering Housing.





NOTICE: Ensure that 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.

TO STOW THE MOTOR (60" SHAFTS)

› To Stow the Motor (60" Shafts)

1

- a. Power on the trolling motor by pressing the Power  button on the Indicator Panel. When the trolling motor is on, the System Status  LED will be blue.

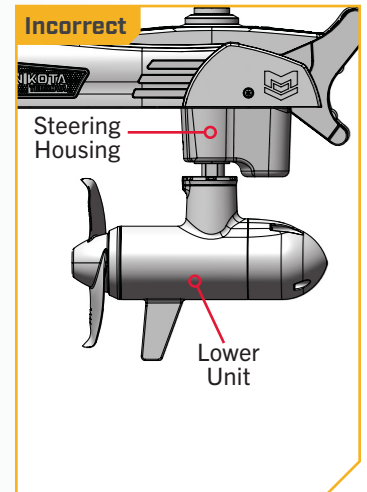
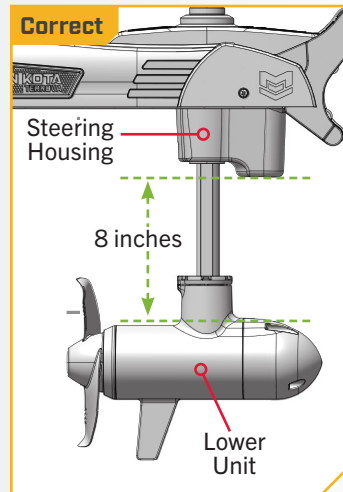
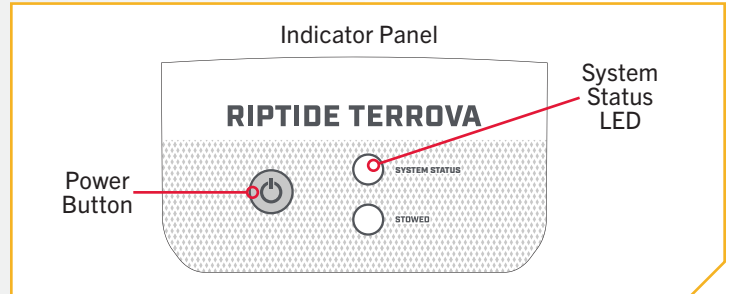


WARNING

When stowing or deploying the motor, keep fingers clear of all hinge and pivot points and all moving parts.

NOTICE: Leave no less than 8" of space between the bottom of the Steering Housing and the top of the Lower Unit when tilting the motor into the stowed position. If the Lower Unit is trimmed too high before tilting the motor, the Lower Unit will collide with the Mount and be unable to stow.

NOTICE: When stowing the motor, ensure that the area between the Mount and Steering Housing is clean and free of debris. The Mount contains pads that contact the Steering Housing when stowed. The motor cannot stow securely if an obstruction is present on the pads.



TO STOW THE MOTOR (60" SHAFTS)

2

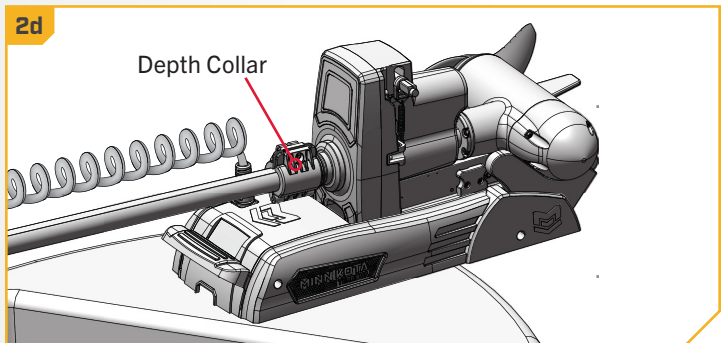
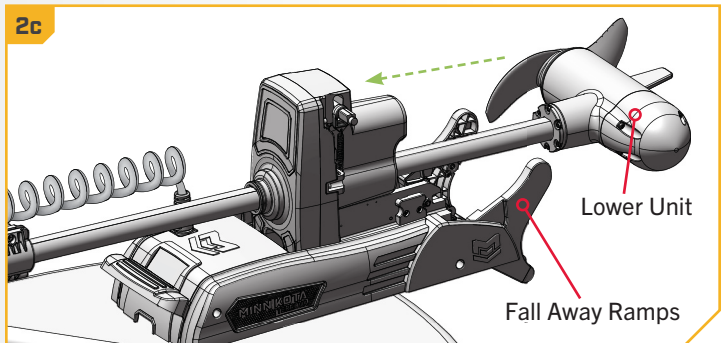
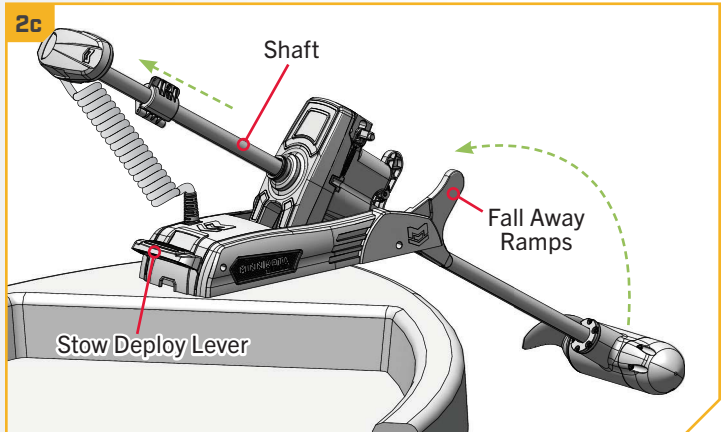
- b. Press the Stow Deploy Lever at the front of the mount. This will cause the Shaft and Lower Unit to automatically rotate into the Stow Orientation. Allow the Lower Unit to complete this motion before stowing the motor.
- c. Grasp the Shaft or Control Head. While holding down the Stow Deploy Lever, pull the Shaft upward to raise the Lower Unit. Tilt the Shaft into a horizontal position while guiding the motor toward the Fall Away Ramps. Pull the Lower Unit fully onto the Ramps. The Fall Away Ramps will latch upright and the STOWED LED on the Indicator Panel will illuminate orange when the motor is properly stowed.
- d. Open the Cam Lever on the Depth Collar and slide it down the Shaft until it is seated against the Steering Housing. Close the Cam Lever on the Depth Collar to secure the motor in the stowed position.

NOTICE: The trolling motor is not safely stowed for transport until the orange STOWED LED is illuminated, the Fall Away Ramps are latched upright with the Lower Unit in place, and the Depth Collar is secured against the Steering Housing.



WARNING

When the motor is stowed, the Depth Collar must be placed against the Steering Housing and secured with the Cam Lever closed to prevent accidental deployment. Accidental deployment may result in injury or damage to the trolling motor, accessories, or boat.






TO DEPLOY THE MOTOR (72", 87", AND 100" SHAFTS)

72", 87", AND 100" SHAFTS >

> To Deploy the Motor (72", 87", and 100" Shafts)

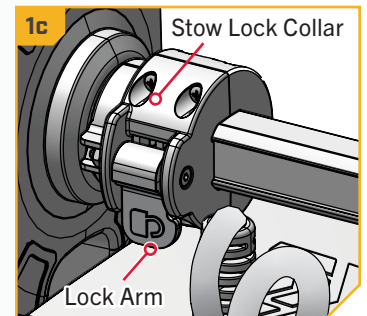
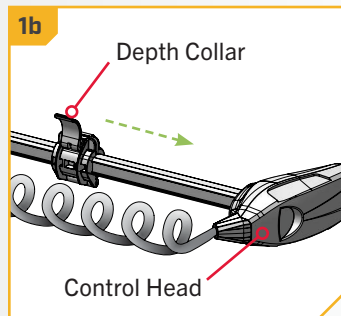
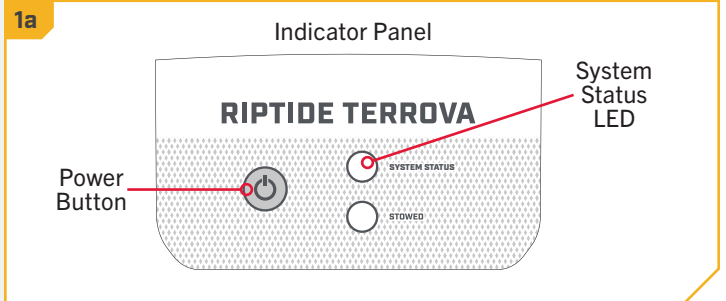
1

- a. Power on the trolling motor by pressing the Power  button on the Indicator Panel. When the trolling motor is on, the System Status  LED will be blue.
- b. Release the Depth Collar by opening the Cam Lever. Slide the Depth Collar up towards the Control Head. When at the desired depth, close the Cam Lever to lock the Depth Collar position on the Shaft.
- c. Unlock the Stow Lock Collar by flipping the Lock Arm to the unlocked  position. Be sure to press the Lock Arm so that it is fully seated. The Stow Lock Collar must be completely unlocked so the Shaft can slide freely.



WARNING

When stowing or deploying the motor, keep fingers clear of all hinge and pivot points and all moving parts.



TO DEPLOY THE MOTOR [72", 87", AND 100" SHAFTS]

2

- c. Firmly grasp the Shaft or Control Head above the Depth Collar, then press the Stow Deploy Lever at the base of the mount to release the Fall Away Ramps.

WARNING

The spaces between the Depth Collar, Coil Cord Slider, and Stow Lock Collar can create pinch points. Do not come into contact with an area that may cause a pinch point when it is moving in any direction to avoid risk.

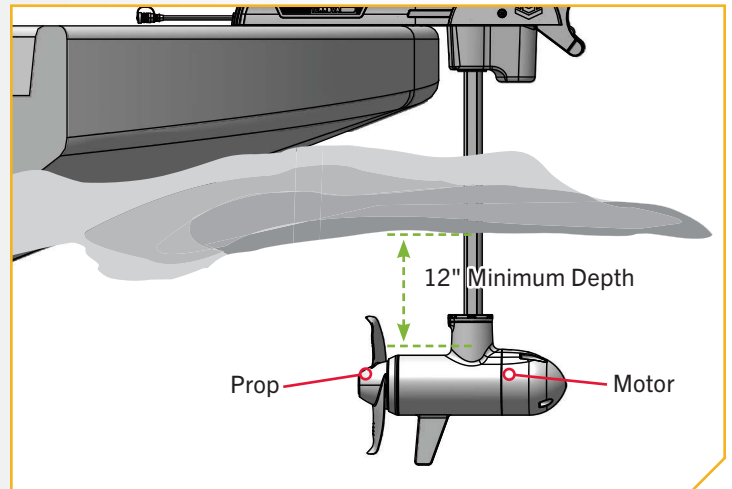
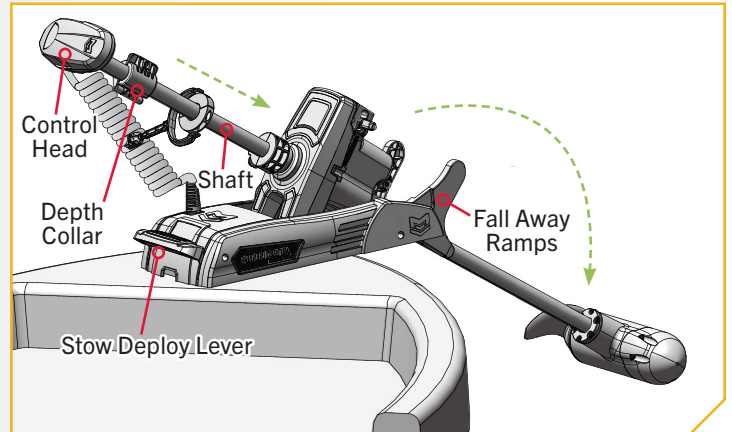
The Control Head will create a pinch point if the Control Head slides to the top of the Depth Collar. Grasp the Shaft to prevent it from sliding all the way down and creating a pinch point.

Practice proper ergonomics when stowing and deploying the motor to prevent injury.

CAUTION

If the Keel Offset has been configured, and Straight On Deploy is toggled "on," the motor will automatically rotate into the Keel Offset position when the Shaft is fully vertical and the Steering Housing locks into the deployed position. Be aware of this motion to avoid suddenly releasing the Shaft and to avoid contacting pinch points.

- d. Guide the Lower Unit out and away from the Fall Away Ramps. Maintain a secure hold while guiding the motor to the deployed position. Allow the Lower Unit to drop and tilt so that the Shaft is vertical. Lower the motor into the water until the Depth Collar reaches the Steering Housing. Lower the motor into the water until the Depth Collar reaches the Steering Housing.






NOTICE: Ensure that 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.

TO STOW THE MOTOR (72", 87", AND 100" SHAFTS)

› To Stow the Motor (72", 87", and 100" Shafts)

1

- Power on the trolling motor by pressing the Power  button on the Indicator Panel. When the trolling motor is on, the System Status  LED will be blue.
- Ensure that the Stow Lock Collar is in the unlocked  position.

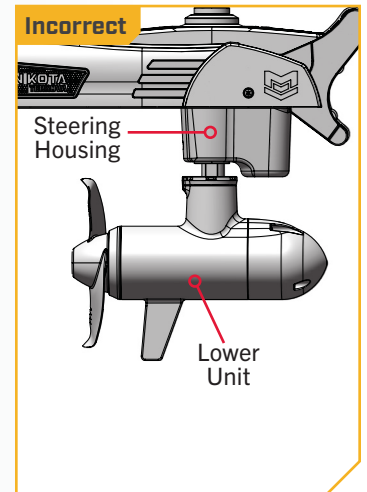
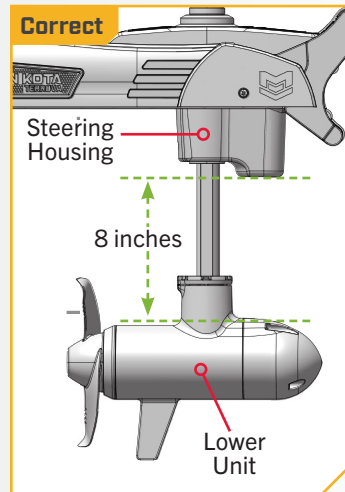
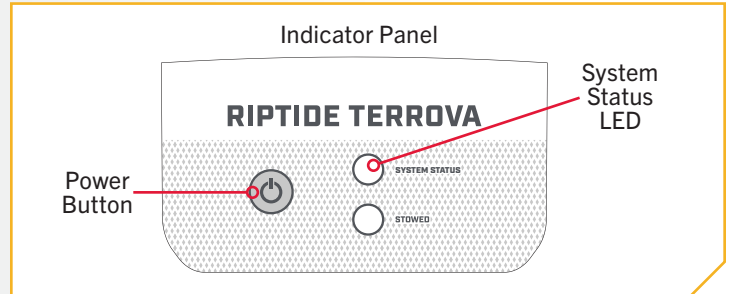


WARNING

When stowing or deploying the motor, keep fingers clear of all hinge and pivot points and all moving parts.

NOTICE: Leave no less than 8" of space between the bottom of the Steering Housing and the top of the Lower Unit when tilting the motor into the stowed position. If the Lower Unit is trimmed too high before tilting the motor, the Lower Unit will collide with the Mount and be unable to stow.

NOTICE: When stowing the motor, ensure that the area between the Mount and Steering Housing is clean and free of debris. The Mount contains pads that contact the Steering Housing when stowed. The motor cannot stow securely if an obstruction is present on the pads.



TO STOW THE MOTOR [72", 87", AND 100" SHAFTS]

2

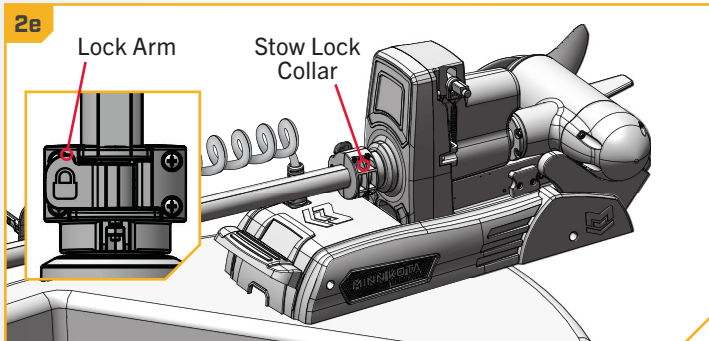
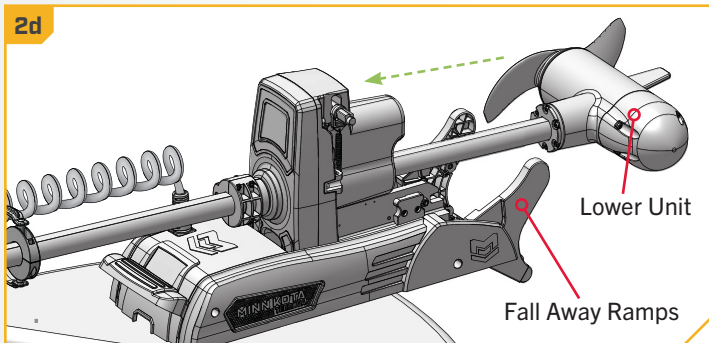
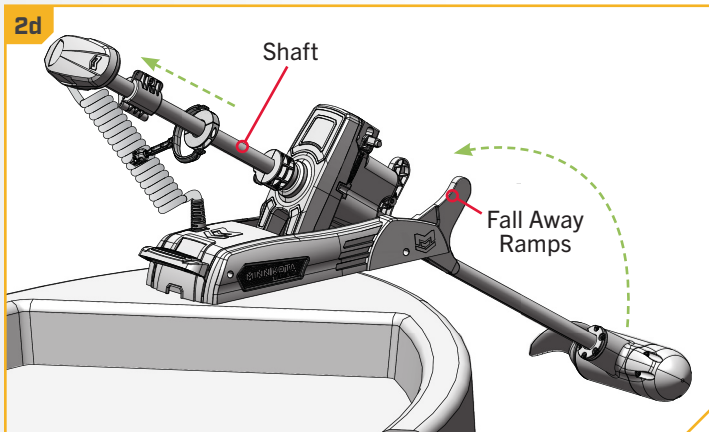
- c. Press the Stow Deploy Lever at the front of the mount. This will cause the Shaft and Lower Unit to automatically rotate into the Stow Orientation. Allow the Lower Unit to complete this motion before stowing the motor.
- d. Grasp the Shaft or Control Head. While holding down the Stow Deploy Lever, pull the Shaft upward to raise the Lower Unit. Tilt the Shaft into a horizontal position while guiding the motor toward the Fall Away Ramps. Pull the Lower Unit fully onto the Ramps. The Fall Away Ramps will latch upright and the **STOWED** LED on the Indicator Panel will illuminate orange when the motor is properly stowed.
- e. Secure the motor in place by flipping the Lock Arm on the Stow Lock Collar into the locked position. Ensure that the Lock Arm is fully seated against the Stow Lock Collar.

NOTICE: The trolling motor is not safely stowed for transport until the orange **STOWED** LED is illuminated, the Fall Away Ramps are latched upright with the Lower Unit in place, and the Stow Lock Collar is locked.



WARNING

When the motor is stowed, the Stow Lock Collar must be in the locked position to prevent accidental deployment. Accidental deployment may result in injury or damage to the trolling motor, accessories, or boat.



STOWING AND DEPLOYING IN SHALLOW WATER


STOWING AND DEPLOYING IN SHALLOW WATER


For trolling motors with a 72", 87", or 100" shaft, the Stow Lock Collar will be required to secure the Shaft when deployed in shallow water. Due to the position of the Coil Cord Slider, the Depth Collar cannot be placed beyond the midpoint of the Shaft to hold the depth of the lower unit when deploying in shallow water. The Stow Lock Collar should be used instead to perform this function.

NOTICE: Straining against the Coil Cord Slider to place the Depth Collar too low on the Shaft may cause stress or excessive force on trolling motor components.

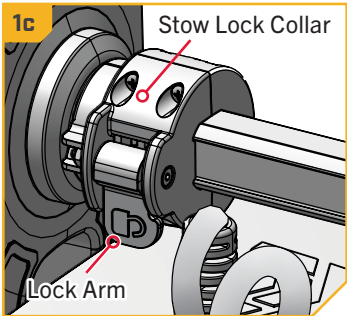
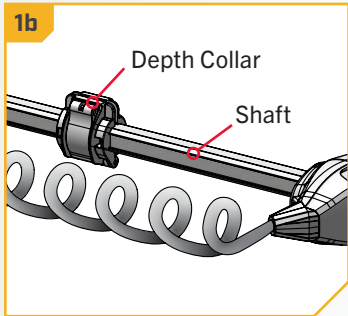
› Deploying in Shallow Water (72", 87", and 100" Shafts)

1

- a. Power on the trolling motor.
- b. Ensure that the Depth Collar is secured on the Shaft and will not slide around while deploying.
- c. Unlock the Stow Lock Collar by flipping the Lock Arm to the unlocked  position.

 **WARNING**

When stowing or deploying the motor, keep fingers clear of all hinge and pivot points and all moving parts.



DEPLOYING IN SHALLOW WATER [72", 87", AND 100" SHAFTS]

2

WARNING


The spaces between the Depth Collar, Coil Cord Slider, and Stow Lock Collar can create pinch points. Do not come into contact with an area that may cause a pinch point when it is moving in any direction to avoid risk.

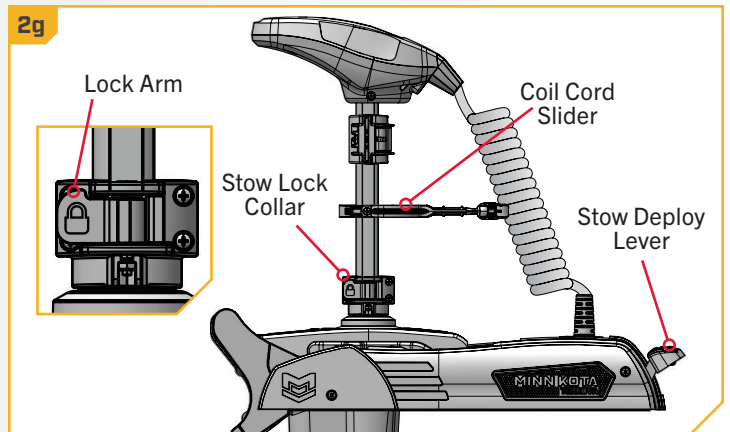
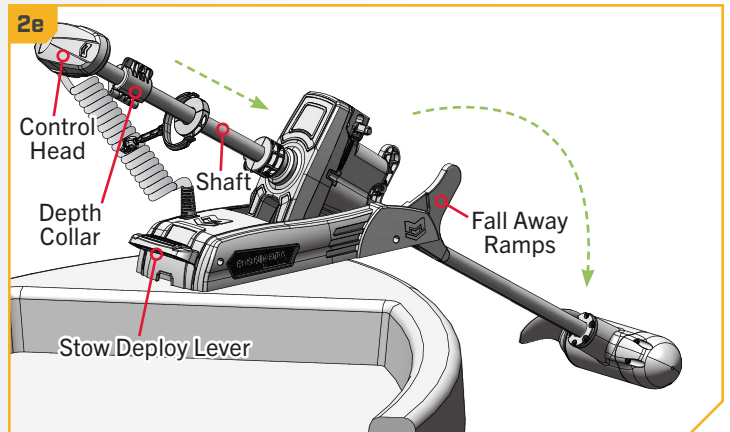
The Control Head will create a pinch point if the Control Head slides to the top of the Depth Collar. Grasp the Shaft to prevent it from sliding all the way down and creating a pinch point.

Practice proper ergonomics when stowing and deploying the motor to prevent injury.

CAUTION

If the Keel Offset has been configured, and Straight On Deploy is toggled "on," the motor will automatically rotate into the Keel Offset position when the Shaft is fully vertical and the Steering Housing locks into the deployed position. Be aware of this motion to avoid suddenly releasing the Shaft and to avoid contacting pinch points.

- d. Firmly grasp the Shaft or Control Head, then press the Stow Deploy Lever at the base of the mount to release the Fall Away Ramps.
- e. Guide the Lower Unit out and away from the Fall Away Ramps. Maintain a secure hold while guiding the motor to the deployed position. Allow the Lower Unit to drop and tilt so that the Shaft is vertical.
- f. Lower the motor to the desired depth.
- g. While holding the motor at the proper depth, lock the Stow Lock Collar  to secure the motor. Be sure to press the Lock Arm so that it is fully seated against the Stow Lock Collar.



STOWING IN SHALLOW WATER (72", 87", AND 100" SHAFTS)

› Stowing in Shallow Water (72", 87", and 100" Shafts)


1

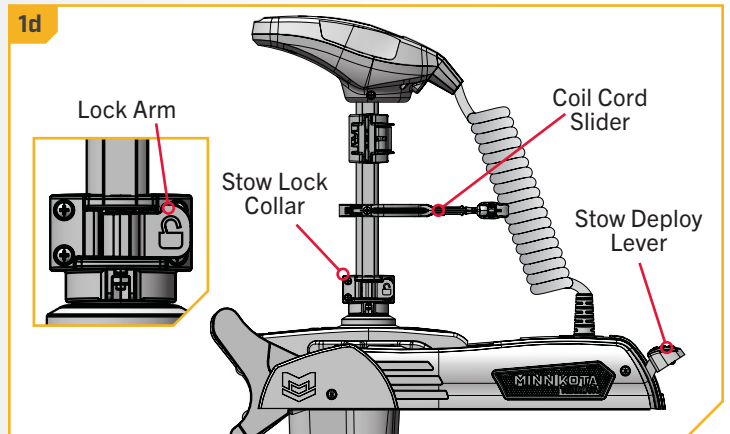
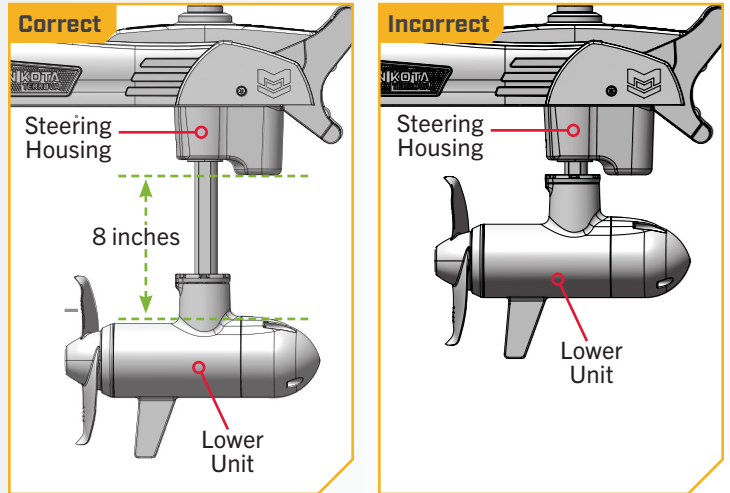
WARNING

When stowing or deploying the motor, keep fingers clear of all hinge and pivot points and all moving parts.

NOTICE: Leave no less than 8" of space between the bottom of the Steering Housing and the top of the Lower Unit when tilting the motor into the stowed position. If the Lower Unit is trimmed too high before tilting the motor, the Lower Unit will collide with the Mount and be unable to stow.



NOTICE: When stowing the motor, ensure that the area between the Mount and Steering Housing is clean and free of debris. The Mount contains pads that contact the Steering Housing when stowed. The motor cannot stow securely if an obstruction is present on the pads.



- a. Power on the trolling motor.
- b. Press the Stow Deploy Lever at the front of the mount. This will cause the Shaft and Lower Unit to automatically rotate into the Stow Orientation. Allow the Lower Unit to complete this motion before stowing the motor.
- c. Firmly grasp the Shaft or Control Head. Maintain a secure hold throughout the entire stowing process.
- d. Unlock the Stow Lock Collar by flipping the Lock Arm to the unlocked  position.

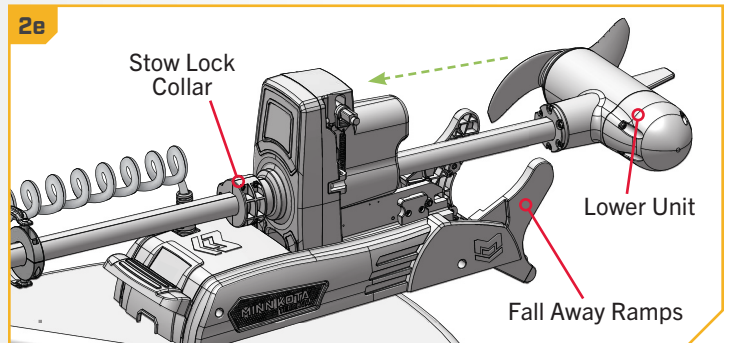


STOWING IN SHALLOW WATER [72", 87", AND 100" SHAFTS]


2

- e. While holding down the Stow Deploy Lever, pull the Shaft upward to raise the Lower Unit. Tilt the Shaft into a horizontal position while guiding the motor toward the Fall Away Ramps. Pull the Lower Unit fully onto the Ramps. The Fall Away Ramps will latch upright and the STOWED  LED on the Indicator Panel will illuminate orange when the motor is properly stowed.
- f. Secure the motor in place by flipping the Lock Arm on the Stow Lock Collar into the locked  position. Ensure that the Lock Arm is fully seated against the Stow Lock Collar.

NOTICE: The trolling motor is not safely stowed for transport until the orange STOWED  LED is illuminated, the Fall Away Ramps are latched upright with the Lower Unit in place, and the Stow Lock Collar is locked .



WARNING

When the motor is stowed, the Stow Lock Collar must be in the locked  position to prevent accidental deployment. Accidental Deployment may result in injury or damage to the trolling motor, accessories, or boat.

MOTOR ADJUSTMENTS

MOTOR ADJUSTMENTS >

ADJUSTING THE DEPTH OF THE MOTOR

Once the boat is on the water, it may be necessary to adjust 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 motor is submerged at least 12" below the surface of the water to avoid churning or agitation of surface water.

> Adjusting the Depth of the Motor (60" Shafts)

1

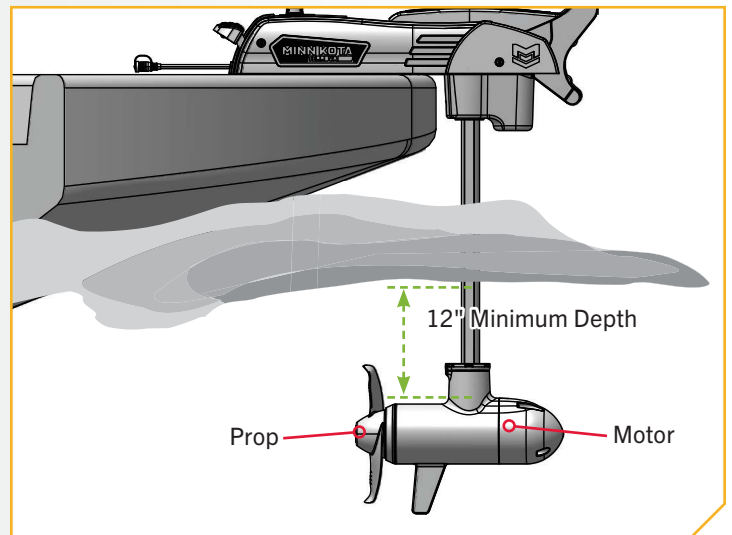
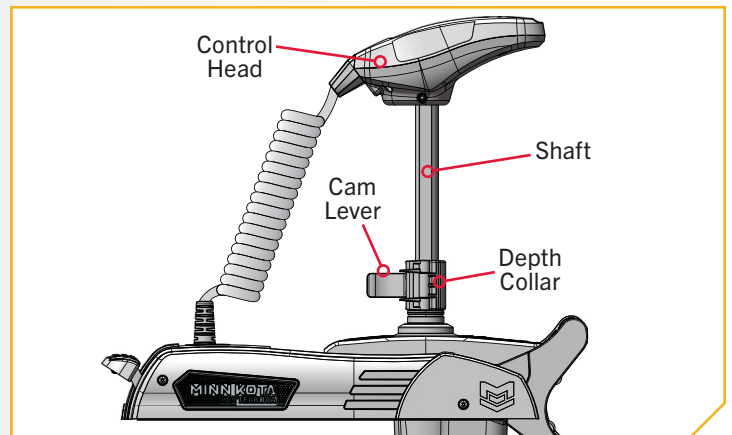
- a. With the motor in the deployed position, firmly grasp the Shaft or Control Head. Maintain a secure hold throughout the entire adjustment.

WARNING

The Control Head will create a pinch point if the Depth Collar is released and the Control Head slides to the top of the Depth Collar. Grasp the Shaft to prevent it from sliding all the way down and creating a pinch point.

- b. Lift up on the Shaft, then release the Depth Collar by opening the Cam Lever.
- c. Raise or lower the motor to the desired depth.
- d. Place the Depth Collar against the Steering Housing and close the Cam Lever to lock the Depth Collar and secure the Shaft.

NOTICE: Ensure that 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.



Adjusting the Depth of the Motor (72", 87", and 100" Shafts)

1

- a. With the motor in the deployed position, firmly grasp the Shaft or Control Head. Maintain a secure hold throughout the entire adjustment.




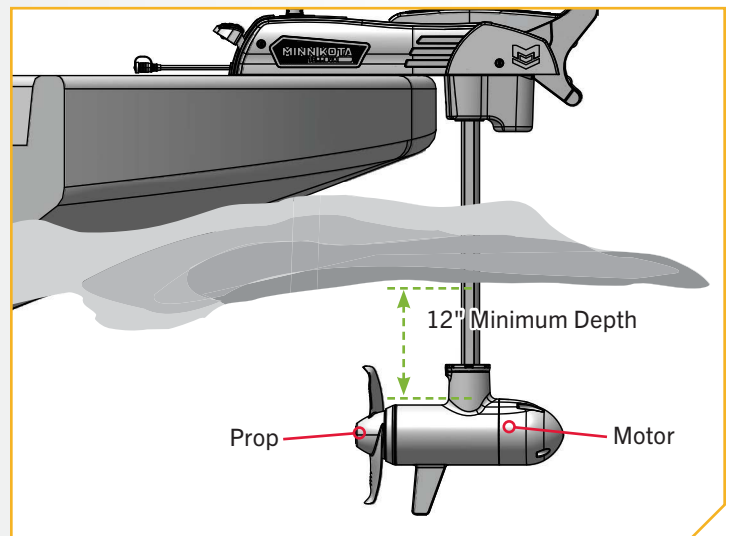
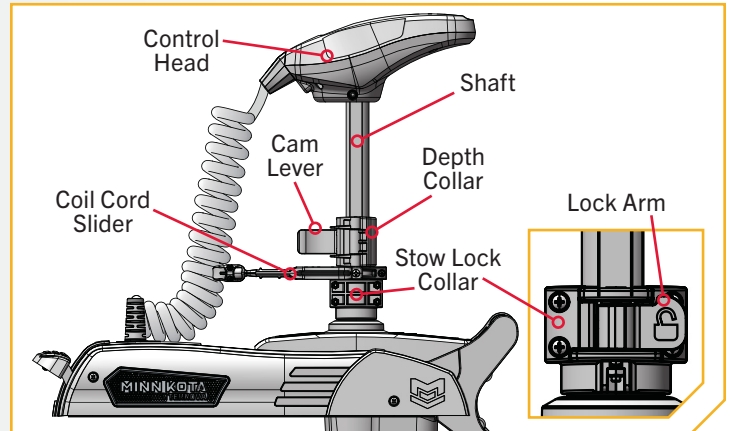
WARNING

The spaces between the Depth Collar, Coil Cord Slider, and Stow Lock Collar can create pinch points. Avoid contacting an area that may cause a pinch point when it is moving in any direction to avoid risk.

The Control Head will create a pinch point if the Control Head slides to the top of the Depth Collar. Grasp the Shaft to prevent it from sliding all the way down and creating a pinch point.

Practice proper ergonomics when stowing and deploying the motor to prevent injury.

- b. Lift up on the Shaft, then release the Depth Collar by opening the Cam Lever.
- c. Ensure that the Stow Lock Collar is in the unlocked  position.
- d. Raise or lower the motor to the desired depth.
- e. Place the Depth Collar down as far as it will go against the Coil Cord Slider and Stow Lock Collar on the Steering Housing. Close the Cam Lever to lock the Depth Collar and secure the Shaft.
- f. If deployed in shallow water, and the Depth Collar cannot be placed beyond the Coil Cord Slider to secure the Shaft, lock the Stow Lock Collar to secure the Shaft at the prop depth.



NOTICE: Ensure that 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.