

ONE-BOAT NETWORK

OPTIMIZING THE PERFORMANCE OF THE TERROVA QUEST WITH THE WIRELESS REMOTE OR ONE-BOAT NETWORK APP

Minn Kota® and Humminbird® have joined forces to bring you the One-Boat Network, including the latest Advanced GPS Navigation Wireless Remote and the One-Boat Network app. The Wireless Remote comes from the factory paired to the trolling motor. To learn more about Wireless Remote features, refer to the Wireless Remote Owner's Manual online at minnkota.johnsonoutdoors.com.

To get the most from your One-Boat Network, we encourage you to download the One-Boat Network app onto your smart device. The One-Boat Network® app is a free iOS and Android application that you can download to a mobile device, providing unparalleled control over all of your One-Boat Network connected products. Minn Kota recommends connecting the trolling motor to the OBN app to assist in these steps. For instructions on pairing the OBN app to the trolling motor, refer to the OBN Quick Start Guide included with the motor. For more information on the OBN app, refer to the One-Boat Network Owner's Manual online at minnkota.johnsonoutdoors.com.

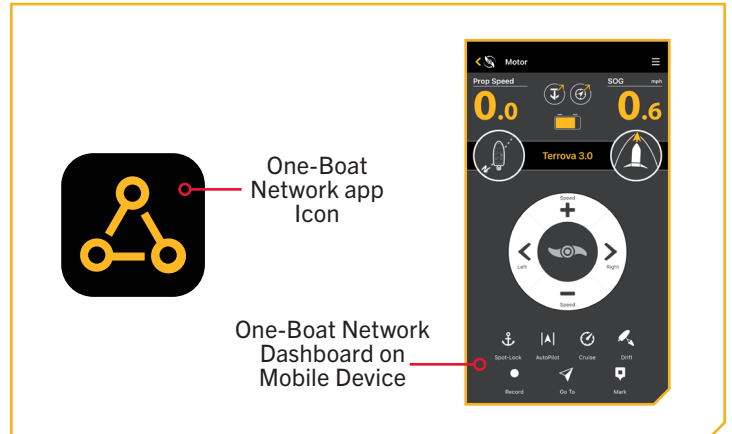
Completing the installation of the Terrova QUEST through the Wireless Remote or OBN app should be done following the Prop installation. Ensure that the trolling motor is connected to a power source before adjusting One-Boat Network settings.

WARNING

Take care that neither you nor other persons approach the turning propeller too closely, neither with body parts nor with objects. The motor is powerful and may endanger or injure you or others. Stay clear of the Prop and watch out for accidental engagement.

NOTICE: Ensure that the trolling motor is connected to a power source before adjusting One-Boat Network settings.

NOTICE: If the Wireless Remote is lost or becomes non-functioning during navigation, and the One-Boat Network app is unavailable, press the Stow Deploy Lever at the front of the Mount to cancel all active navigation and turn off the Prop.



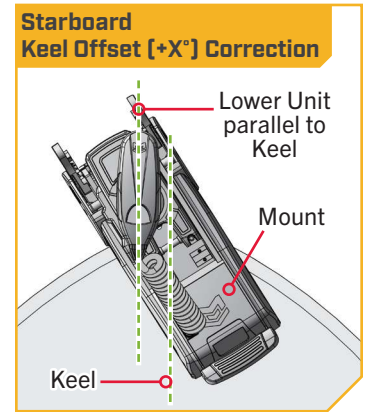
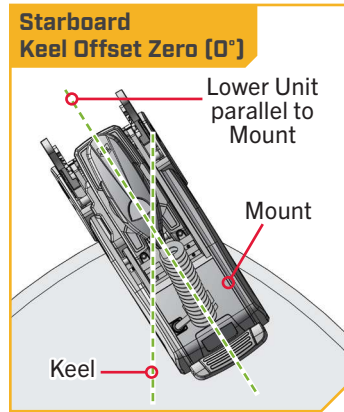
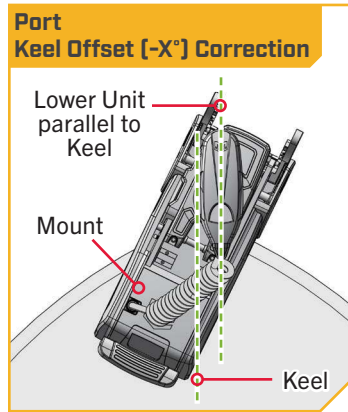
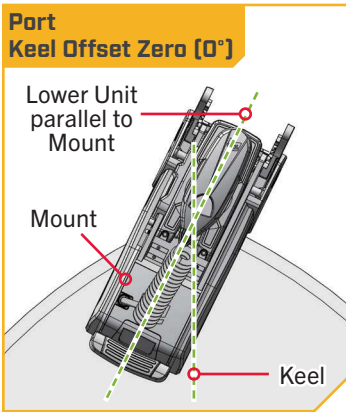
ONE-BOAT NETWORK ADJUSTMENTS

ONE-BOAT NETWORK ADJUSTMENTS



KEEL OFFSET

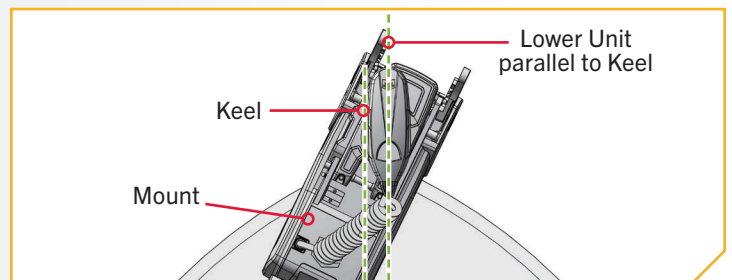
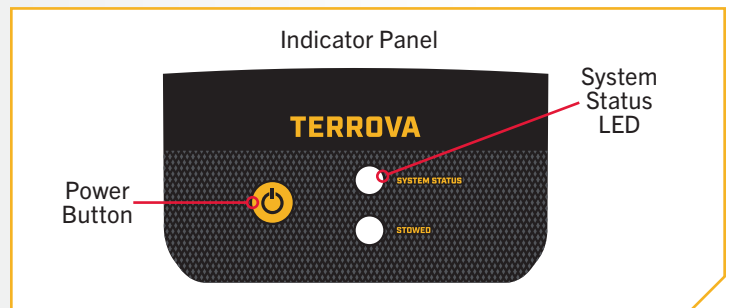
The Terrova QUEST comes from the factory with the Lower Unit parallel to the Mount. When the Lower Unit is parallel to the Mount, the Keel Offset is zero. In an ideal installation, the Lower Unit will be parallel to the Keel; however, the Mount is rarely installed to be perfectly inline with the Keel, therefore the Lower Unit will not be parallel with the Keel. Nearly all installations will have some variation in mounting position to either the Port or Starboard side of the boat. The Keel Offset feature records the position of the Lower Unit when it is parallel to the Keel based on the Mount being offset from the Keel. Before adjusting the Keel Offset, complete all installation steps. This includes mounting the trolling motor to the boat and installing power and accessory cables. The Keel Offset can be recorded through the Wireless Remote or One-Boat Network App.

NOTICE: When the motor is installed from the factory, the Keel Offset is 0 degrees. When adjusting the Keel Offset, any position towards Port will create a Keel Offset of a negative angle. Any position towards Starboard will create a positive angle.












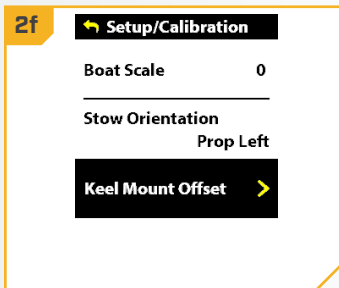
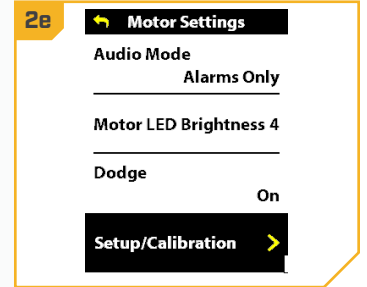
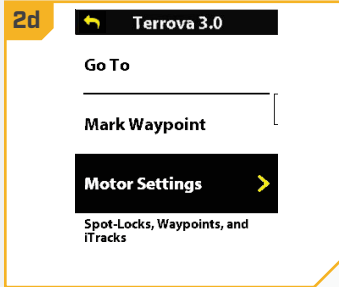
Setting the Keel Offset with the Wireless Remote

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. With either the Wireless Remote, foot pedal, or One-Boat Network (OBN) app on a paired mobile device, steer the motor so that the control head and lower unit are parallel to the Keel.









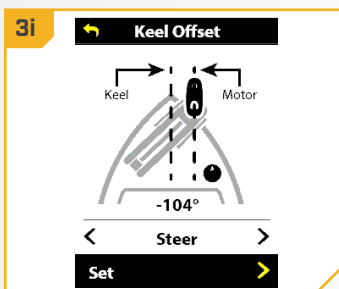
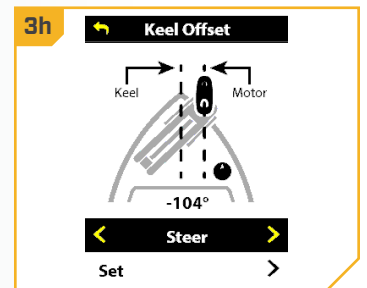
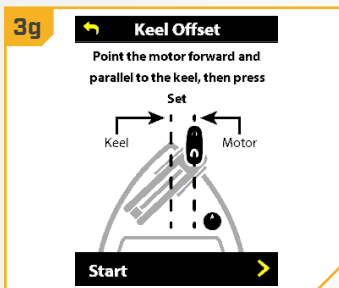
2

- c. Press the Menu  button on the Wireless Remote.
- d. Use the Speed Up  or Speed Down  button to find the Motor Settings menu. Use the Steer Right  button to select Motor Settings.
- e. In the Motor Settings Menu, use the Speed Up  or Speed Down  button to find Setup/Calibration.
- f. In the Setup/Calibration menu, use the Speed Up  or Speed Down  button to find Keel Mount Offset. Use the Steer Right  button to select Keel Mount Offset.



3



- g. Review all safety warnings. Use the Steer Right  button to select Start and begin the process.
- h. Use the Steer Left  or Steer Right  button to point the motor forward and parallel to the keel.
- i. When satisfied with the placement of the trolling motor, use the Speed Up  or Speed Down  button to scroll to Set. Use the Steer Right  button to select Set. The degree of offset is displayed at the bottom of the Dashboard.

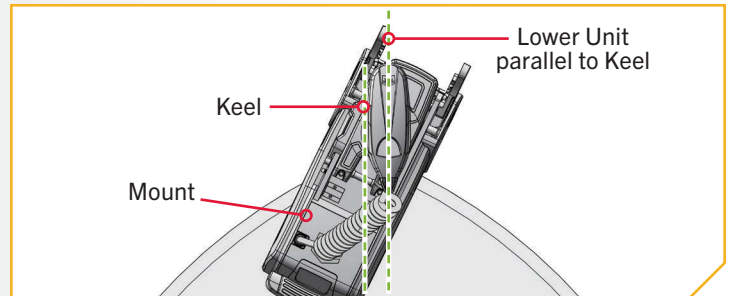
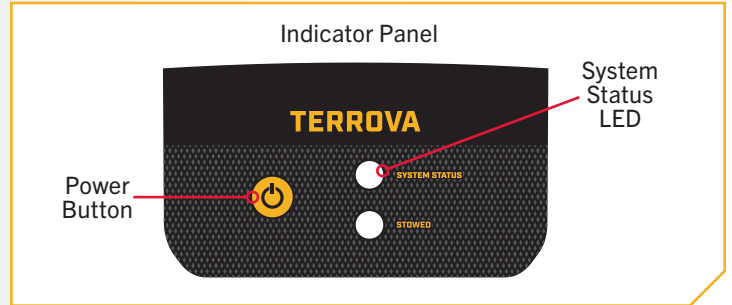


KEEL OFFSET

› Setting the Keel Offset with the One-Boat Network App

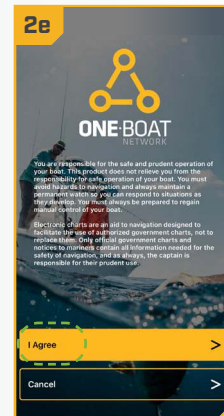
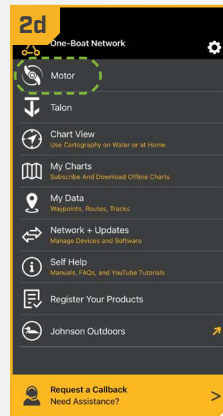
1

- 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. With either the Wireless Remote, foot pedal, or One-Boat Network (OBN) app on a paired mobile device, steer the motor so that the control head and lower unit are parallel to the Keel.



2

- c. Open the One-Boat Network (OBN) app on the mobile device. Make sure the mobile device is paired with the trolling motor.
- d. From the OBN home screen, tap the Motor menu. The Motor menu opens the Motor app home screen.
- e. Before the Motor app home screen will open, tap Agree on the on-screen prompt.

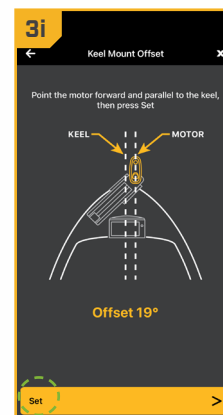
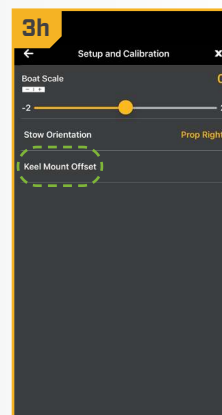
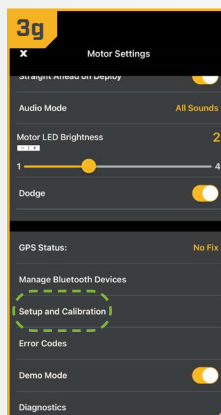


NOTICE: The on-screen prompt will only display once each time the app is launched. If the prompt has displayed, the Motor app home screen appears.

- f. On the Motor app home screen, locate the Motor Setting button in the upper right-hand corner and tap it.

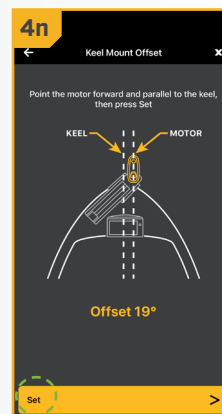
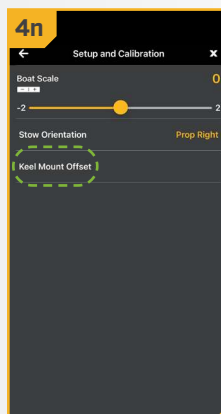
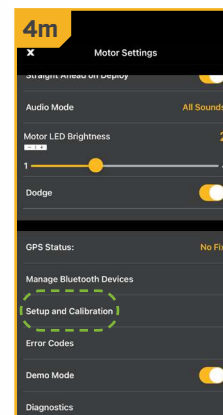
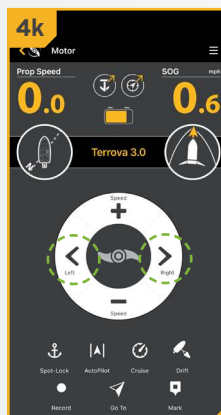
3

- g. In the Motor Settings menu, find and tap Setup and Calibration.
- h. In Setup and Calibration, find and tap Keel Mount Offset.
- i. Review all safety warnings. Follow the prompts in the One-Boat Network app. If the placement of the trolling motor is pointing forward and parallel to the keel, tap Set. The degree of offset will show at the bottom of the app Display.



4

- j. If the trolling motor needs to be adjusted, locate the Return button on the top-left corner of the app screen. Tap the Return button three times until the Motor app home screen displays.
- k. Use the Steer Right > and Steer Left < buttons to point the motor forward and parallel to the keel.
- l. When satisfied with the placement of the trolling motor, locate the Motor Settings button in the top-right corner and tap it.
- m. In the Motor Settings menu, find and tap Setup and Calibration.
- n. In Setup and Calibration, find and tap Keel Mount Offset. If the placement of the trolling motor is pointing forward and parallel to the keel, tap Set.
- o. The degree of offset shows at the bottom of the app Display. Tap Return to close the Keel Mount Offset and return to the home screen.

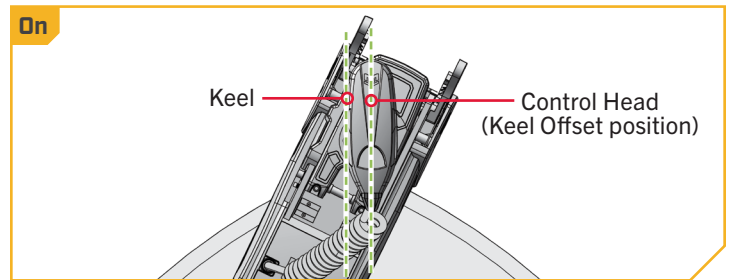
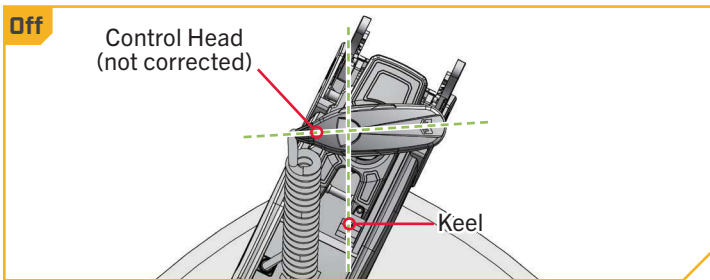


STRAIGHT ON DEPLOY








STRAIGHT ON DEPLOY

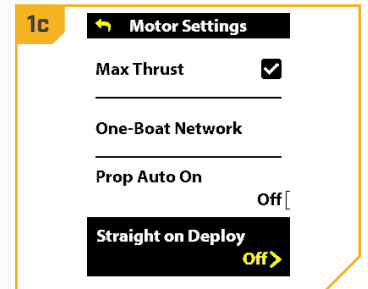
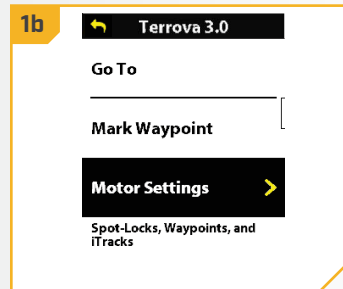
Minn Kota recommends setting the Keel Offset when the position of the Lower Unit is parallel with the Keel. Save the Keel Offset before exploring the Straight on Deploy feature. Straight on Deploy uses the position recorded in Keel Offset to know where to position the Lower Unit to be parallel with the Keel.

When Straight on Deploy is engaged, the lower unit will automatically rotate to the Keel Offset position when deployed. By default, the Lower Unit will be parallel to the Keel when the Mount is parallel to the Keel. If the Keel Offset was programmed to another angle, the Straight on Deploy feature will correct the position to match the Keel Offset angle when turned "on." If Straight on Deploy is turned "off," the trolling motor will not correct the position in any direction.



› To Toggle Straight on Deploy with the Wireless Remote

- 1** a. With the motor on, press the Menu  button on the Wireless Remote.
- b. Use the Speed Up  or Speed Down  button to find the Motor Settings menu. Use the Steer Right  button to select Motor Settings.
- c. In the Motor Settings Menu, use the Speed Up  or Speed Down  button to find Straight on Deploy.
- d. By default, the Straight on Deploy is toggled "off."
- e. Use the Steer Right  button to toggle between "on" and "off."

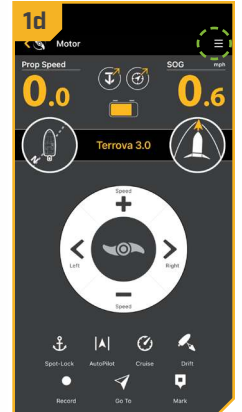
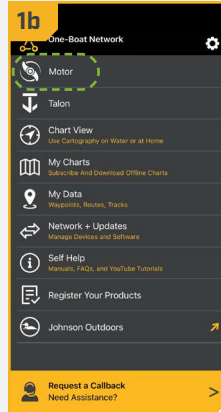


› To Toggle Straight on Deploy with the One-Boat Network App

1

- a. Open the One-Boat Network (OBN) app on a mobile device. Make sure the mobile device is paired with the trolling motor and that the motor is powered "on."
- b. From the OBN home screen, tap the Motor menu. The Motor menu opens the Motor app home screen.
- c. Before the Motor app home screen will open, tap Agree on the on-screen prompt.

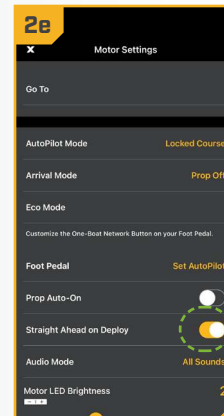
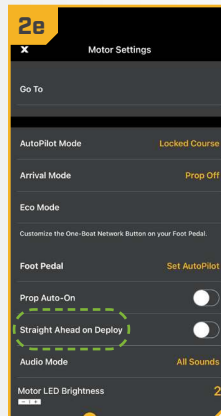
NOTICE: The on-screen prompt will only display once each time the app is launched. If the prompt has displayed, the Motor app home screen appears.



- d. On the Motor app home screen, locate the Motor Setting button in the upper right-hand corner and tap it.

2

- e. In the Motor Settings menu, find the Straight Ahead on Deploy toggle. Tap to turn the toggle "on" and "off." When highlighted yellow the toggle is "on."

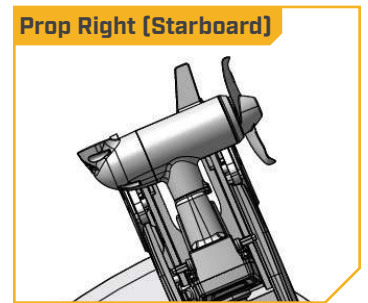
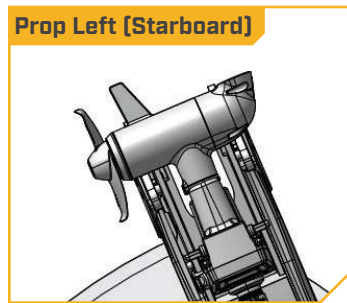
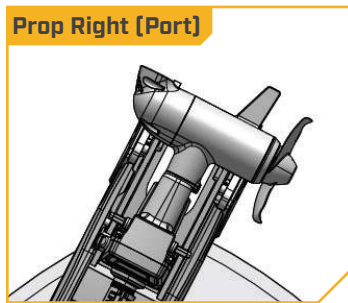
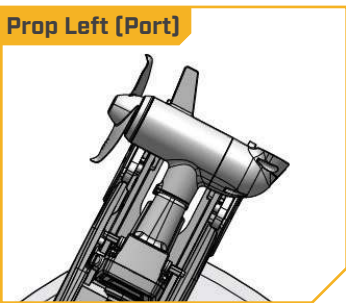


STOW ORIENTATION

STOW ORIENTATION

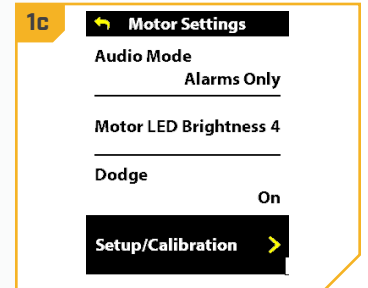
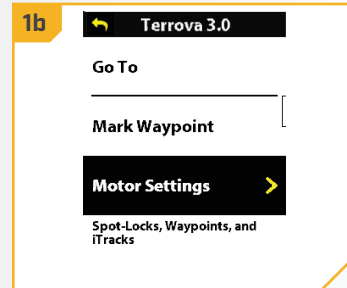
The Stow Orientation is a term used to describe the lower unit and Prop position when the motor is stowed. The lower unit will automatically rotate into the Stow Orientation when stowing the motor. The Stow Orientation can be set to Prop Left or Prop Right through the Wireless Remote or One-Boat Network app. The factory default setting for the lower unit is Prop Left. Adjusting the Stow Orientation allows the installation to be customized to fit boat positioning for either a Port or Starboard installation and to accommodate fishing or trailering applications.

NOTICE: If the Stow Orientation is set to Prop Right, the Depth Collar must be rotated on the Shaft to improve accessibility. See the "Rotating the Depth Collar" section for instructions.

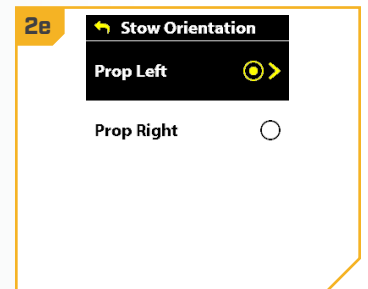
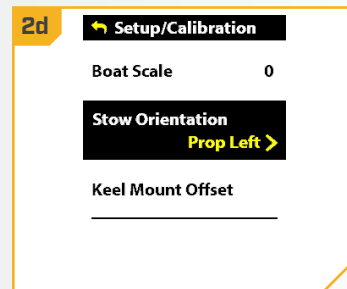


Setting the Stow Orientation with the Wireless Remote

- 1
 - a. With the trolling motor powered on, press the Menu button on the Wireless Remote.
 - b. Use the Speed Up or Speed Down button to find the Motor Settings menu. Use the Steer Right button to select Motor Settings.
 - c. In the Motor Settings Menu, use the Speed Up or Speed Down button to find Setup/Calibration. Use Steer Right to open the Setup/Calibration menu.



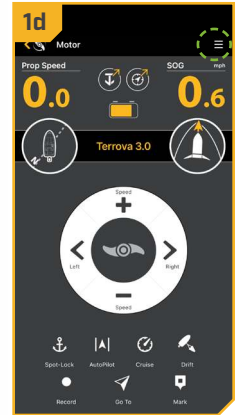
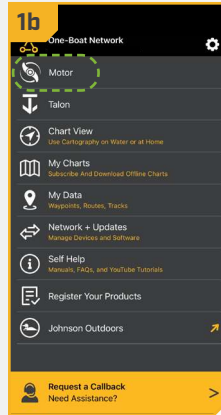
- 2
 - d. Once in the Setup/Calibration menu, use the Speed Up or Speed Down button to find Stow Orientation. Use Steer Right to open the Stow Orientation menu.
 - e. In the Stow Orientation menu, use the Speed Down or Speed Up button to scroll between Prop Left and Prop Right. Use the Steer Right button to select the desired stow orientation.



› Setting the Stow Orientation with the One-Boat Network App

1

- Open the One-Boat Network (OBN) app on a mobile device. Make sure the mobile device is paired with the trolling motor and that the motor is powered "on."
- From the OBN home screen, tap the Motor menu. The Motor menu opens the Motor app home screen.
- Before the Motor app home screen will open, tap Agree on the on-screen prompt.

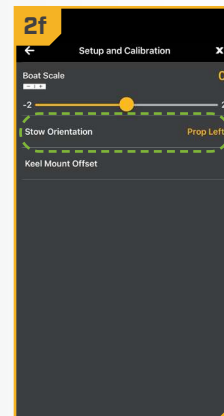
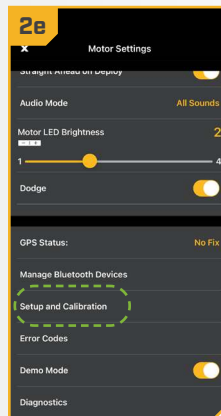


NOTICE: The on-screen prompt will only display once each time the app is launched. If the prompt has displayed, the Motor app home screen appears.

- On the Motor app home screen, locate the Motor Setting button in the upper right-hand corner and tap it.

2

- In the Motor Settings menu, find and tap Setup and Calibration.
- In Setup and Calibration, find and tap Stow Orientation.
- Set the feature to Prop Right or Prop Left.









BOAT SCALE

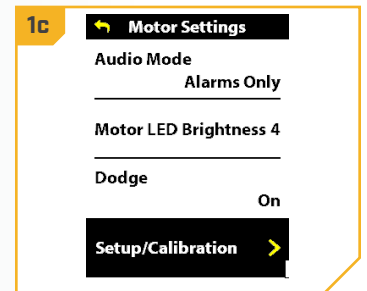
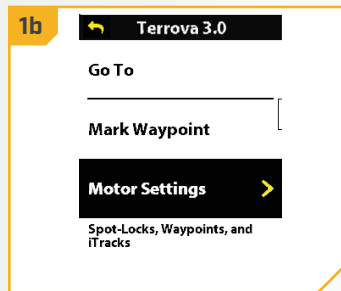
BOAT SCALE





Trolling motor performance can be impacted by factors including, but not limited to, wind, water conditions, boat specifications, battery health, wiring, etc. Boat Scale provides a method of adjusting how the trolling motor will perform to account for these and other variables. The Terrova QUEST comes from the factory with Boat Scale set to zero. Boat Scale can be adjusted up (+2) or down (-2) to increase or decrease how the motor control software applies power while using a navigation mode like Spot-Lock.

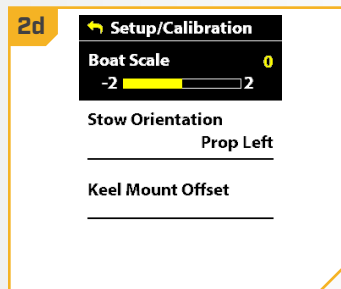
An example showing the need to reduce Boat Scale would be while using Spot-Lock and the motor is over-correcting or making frequent adjustments. In this case, try reducing Boat Scale -1 to reduce this behavior. If the behavior continues, reduce Boat Scale to -2. An example showing the need to increase Boat Scale while using Spot-Lock would be the motor is drifting away from its target location frequently or needs help to make corrections. Try increasing Boat Scale to +1 to help improve the trolling motor accuracy in this case. If the behavior continues, increase Boat Scale to +2.

Adjusting Boat Scale with the Wireless Remote

- 1**
 - a. With the motor on, press the Menu  button on the Wireless Remote.
 - b. Use the Speed Up  or Speed Down  button to find the Motor Settings menu. Use the Steer Right  button to select Motor Settings.
 - c. In the Motor Settings Menu, use the Speed Up  or Speed Down  button to find Setup/Calibration.



- 2**
 - d. Once in the Setup/Calibration menu, use the Speed Up  or Speed Down  button to find Boat Scale.
 - e. Use the Steer Left  or Steer Right  button to adjust the Boat Scale to one of the five settings: -2, -1, 0, 1 or 2.

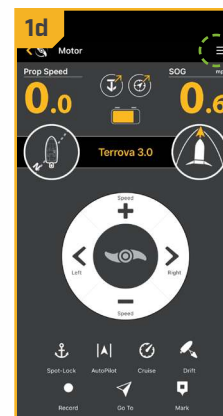
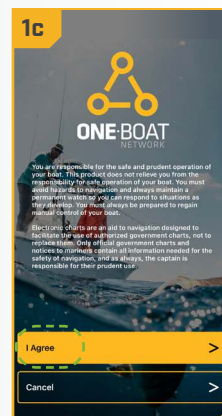
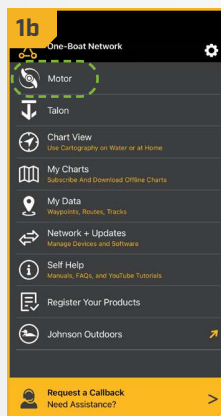


Adjusting Boat Scale with the One-Boat Network App

1

- Open the One-Boat Network (OBN) app on a mobile device. Make sure the mobile device is paired with the trolling motor and that the motor is powered "on."
- From the OBN home screen, tap the Motor menu. The Motor menu opens the Motor app home screen.
- Before the Motor app home screen will open, tap Agree on the on-screen prompt.

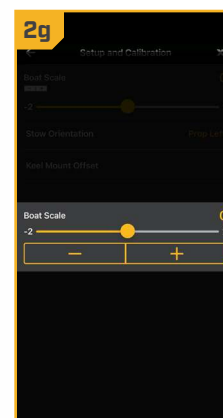
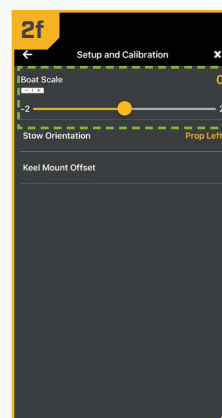
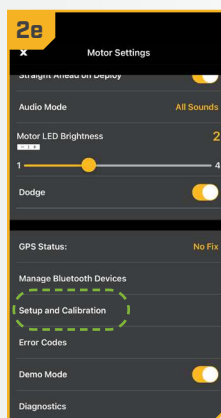
NOTICE: The on-screen prompt will only display once each time the app is launched. If the prompt has displayed, the Motor app home screen appears.



- On the Motor app home screen, locate the Motor Setting button in the upper right-hand corner and tap it.

2

- In the Motor Settings menu, find and tap Setup and Calibration.
- In Setup and Calibration, find and tap Boat Scale.
- Set the feature to increase or decrease Boat Scale.



ONE-BOAT NETWORK BUTTONS



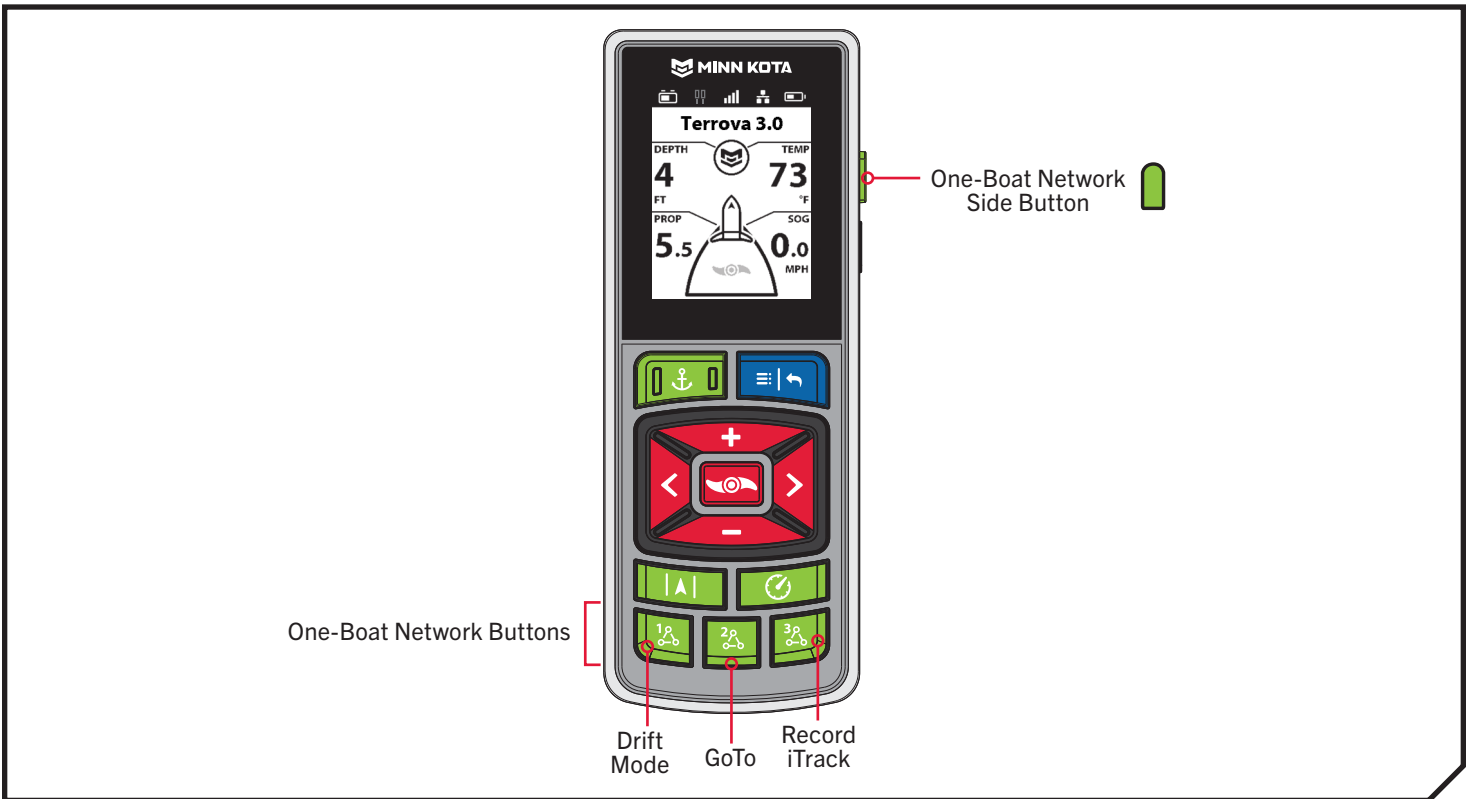
ONE-BOAT NETWORK BUTTONS >

Minn Kota trolling motors equipped with Advanced GPS Navigation are compatible with devices enabled with the One-Boat Network (OBN), such as the Wireless Remote and Foot Pedal. OBN functions can be enabled and disabled through customizable OBN buttons on the Wireless Remote and Foot Pedal. The function of the OBN buttons can be customized based on user preference to enhance operation of the OBN product. Customizable OBN buttons include:

1. The four One-Boat Network buttons on the Wireless Remote
2. The One-Boat Network button on the Foot Pedal



CUSTOMIZING THE ONE-BOAT NETWORK BUTTONS ON THE WIRELESS REMOTE









One-Boat Network Default Buttons			
	Drift Mode		Record iTrack
	GoTo		Mark a Waypoint

CUSTOMIZING THE ONE-BOAT NETWORK BUTTONS ON THE WIRELESS REMOTE













One-Boat Network functions can be enabled and disabled through four One-Boat Network buttons on the Wireless Remote. The One-Boat Network buttons can be customized to control the following functions, depending on your setup:

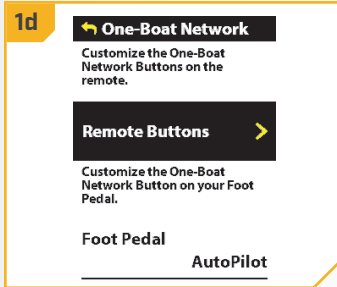
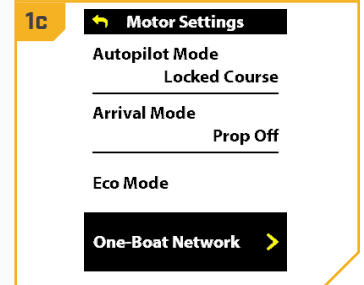
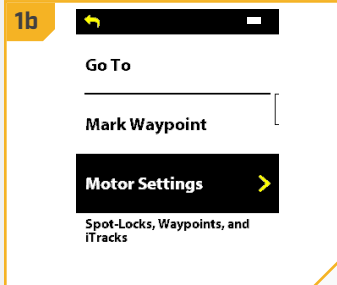
Function	Icon	Description
Drift Mode		Drift mode is the default function for OBN Button 1. Press once to engage Drift Mode. Press a second time to Adjust Course.
Go To		Go To is the default for the OBN Button 2. Press once to open the Go To Menu. The Go To options are Spot-Locks, Waypoints, iTracks and Drift.
Record iTrack		Record iTrack is the default function for OBN Button 3. Press once to start recording an iTrack. Press a second time to save the iTrack.
Waypoint		Mark Waypoint is the default function for the OBN Side Button. Press once to save a Waypoint.
Max Speed		Max Speed must first be customized to one of the OBN buttons. Double press to engage Max Speed. Single press to return to the previous speed.
Talon/Raptor		The shallow water anchor function must first be customized on one of the OBN buttons. The shallow water anchor function will display as Talon or Raptor depending on your configuration. Double press to deploy the anchor. Press once to pause or stow the anchor.

CUSTOMIZING THE ONE-BOAT NETWORK BUTTONS ON THE WIRELESS REMOTE







› Customize the One-Boat Network Buttons on the Wireless Remote

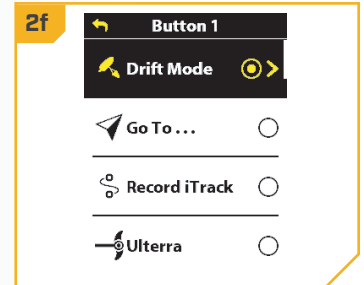
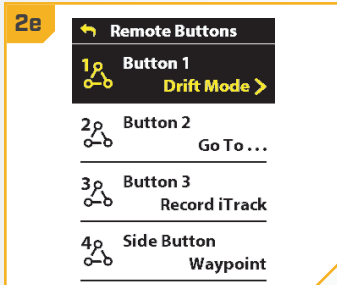
1


- On the Wireless Remote, press the Menu  button to open the Motor Menu.
- In the Motor Menu, use the Speed Down  or Speed Up  button to find the Motor Settings menu. Use the Steer Right  button to select Motor Settings.
- In the Motor Settings menu, use the Speed Down  or Speed Up  button to find One-Boat Network. Use the Steer Right  button to select One-Boat Network.
- In the One-Boat Network Menu, use the Speed Down  or Speed Up  button to find Remote Buttons. Use the Steer Right  button to select Remote Buttons.




2

- Use the Speed Down  or Speed Up  button to highlight the OBN button to customize. There are four options: Button 1, Button 2, Button 3 or Side Button. Press the Steer Right  button to make the selection.
- Use the Speed Down  or Speed Up  button to scroll through the options. Use the Steer Right  button to select the function.




NOTICE: The radio button next to the desired function will be selected when the Steer Right  button is used to customize the function. The function options listed are based on the trolling motor and other devices in the Advanced GPS Navigation network.

NOTICE: For quick customization, press and hold the OBN button you want to customize to quickly bring up the customization screen.


- Press and hold the Menu  button to close and return to the Home Screen.

CUSTOMIZING THE ONE-BOAT NETWORK BUTTON ON THE FOOT PEDAL

CUSTOMIZING THE ONE-BOAT NETWORK BUTTON ON THE FOOT PEDAL








Minn Kota trolling motors equipped with Advanced GPS Navigation are compatible with devices enabled with the One-Boat Network, such as the Foot Pedal. One-Boat Network functions are enabled and disabled through the Foot Pedal with the One-Boat Network  button. This button can be customized using either the Wireless Remote or the One-Boat Network app on a paired mobile device.

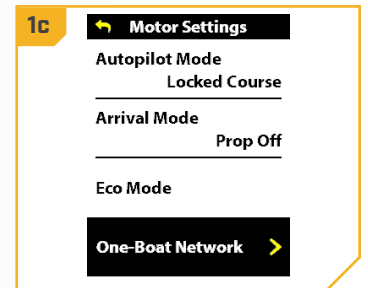
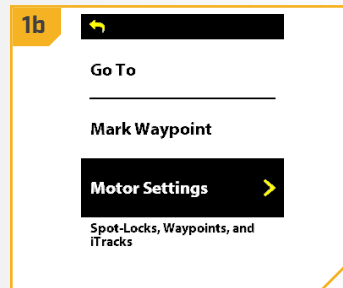


The One-Boat Network  button on the Foot Pedal can be customized to control the following functions:

Function	Operation	LED Indication
AutoPilot (default)	Engage and disengage AutoPilot	Red LED will illuminate when AutoPilot is engaged and stay on until disengaged.
Waypoint	Mark a Waypoint	Red LED will illuminate when the One-Boat Network button is pressed and then turn off, signaling that a Waypoint was marked.
Shallow Water Anchor (Raptor/Talon)	Deploy and retract a Raptor/Talon	Red LED will steadily flash when the Shallow Water Anchor is deploying or stowing. Red LED will stay illuminated when the anchor is at any state of deployment, including when it is paused. Red LED will turn off when the anchor is fully stowed.








› Customize the OBN Button on the Foot Pedal with the Wireless Remote

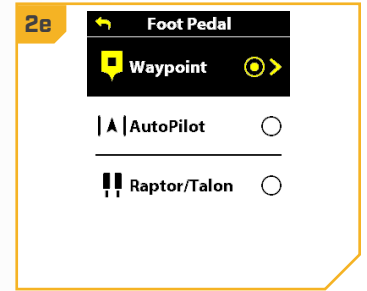
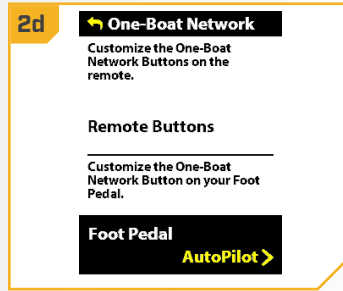
- 1** a. With the trolling motor powered on, press the Menu  button on the Wireless Remote.
- b. In the Motor Menu, use the Speed Down  or Speed Up  button to find the Motor Settings menu. Use the Steer Right  button to select Motor Settings.
- c. In the Motor Settings menu, use the Speed Down  or Speed Up  button to find One-Boat Network. Use the Steer Right  button to select One-Boat Network.




CUSTOMIZING THE ONE-BOAT NETWORK BUTTON ON THE FOOT PEDAL

2

- d. In the One-Boat Network menu, use the Speed Down  or Speed Up  button to find Foot Pedal. Use the Steer Right  button to select Foot Pedal.
- e. In the Foot Pedal menu, use the Speed Down  or Speed Up  button to find the desired function. Use the Steer Right  button to select the function.
- f. Press and hold the Menu  button to close and return to the Home Screen.

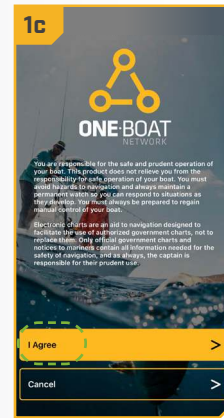
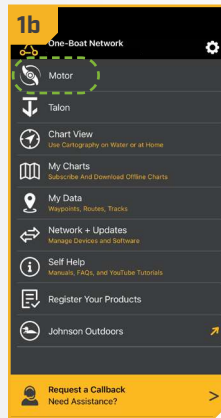


NOTICE: The radio button next to the desired function will be selected when the Steer Right  button is used to customize the function. AutoPilot is the default selection for Terrova QUEST trolling motors. The function options listed are based on the trolling motor and other devices in the Advanced GPS Navigation network.

Customize the OBN Button on the Foot Pedal with the One-Boat Network App

1

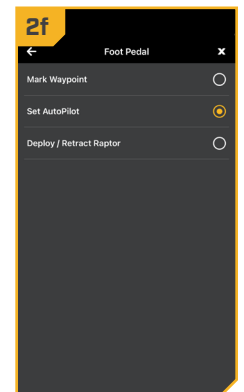
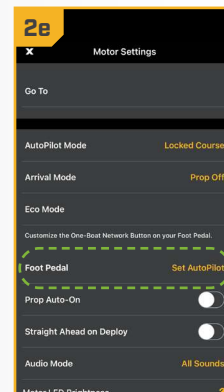
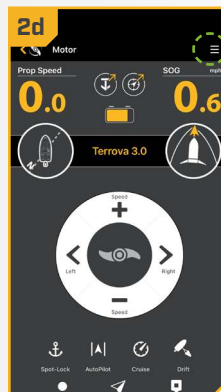
- a. Open the One-Boat Network (OBN) app on a mobile device. Make sure the mobile device is paired with the trolling motor and that the motor is powered “on.”
- b. From the OBN home screen, tap the Motor menu. The Motor menu opens the Motor app home screen.
- c. Before the Motor app home screen will open, tap Agree on the on-screen prompt.



NOTICE: The on-screen prompt will only display once each time the app launches. If the prompt has been displayed, the Motor app home screen appears.

2

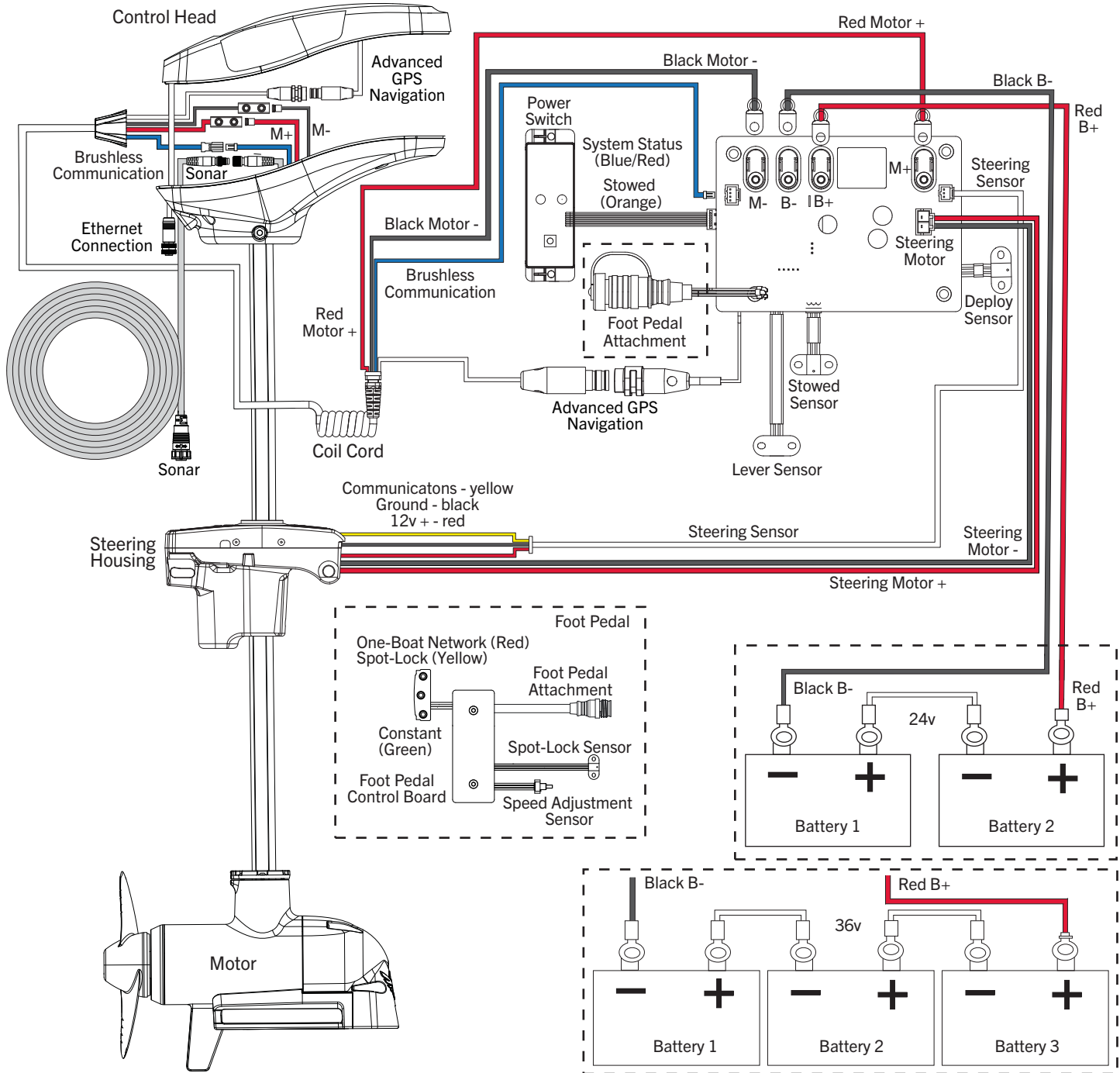
- d. On the Motor app home screen, locate the Motor Settings button in the top-right corner and tap it.
- e. In Motor Settings, locate Foot Pedal and tap it.
- f. In the Foot Pedal menu, tap the desired function. The radio button next to the selected function will be highlighted.



MOTOR WIRING DIAGRAM

TERROVA QUEST

The following Motor Wiring Diagram applies to all QUEST series Terrova trolling motor models that come factory installed with Advanced GPS Navigation, a Foot Pedal and Sonar. Sonar is either Dual Spectrum CHIRP or Built-in MEGA Side Imaging.

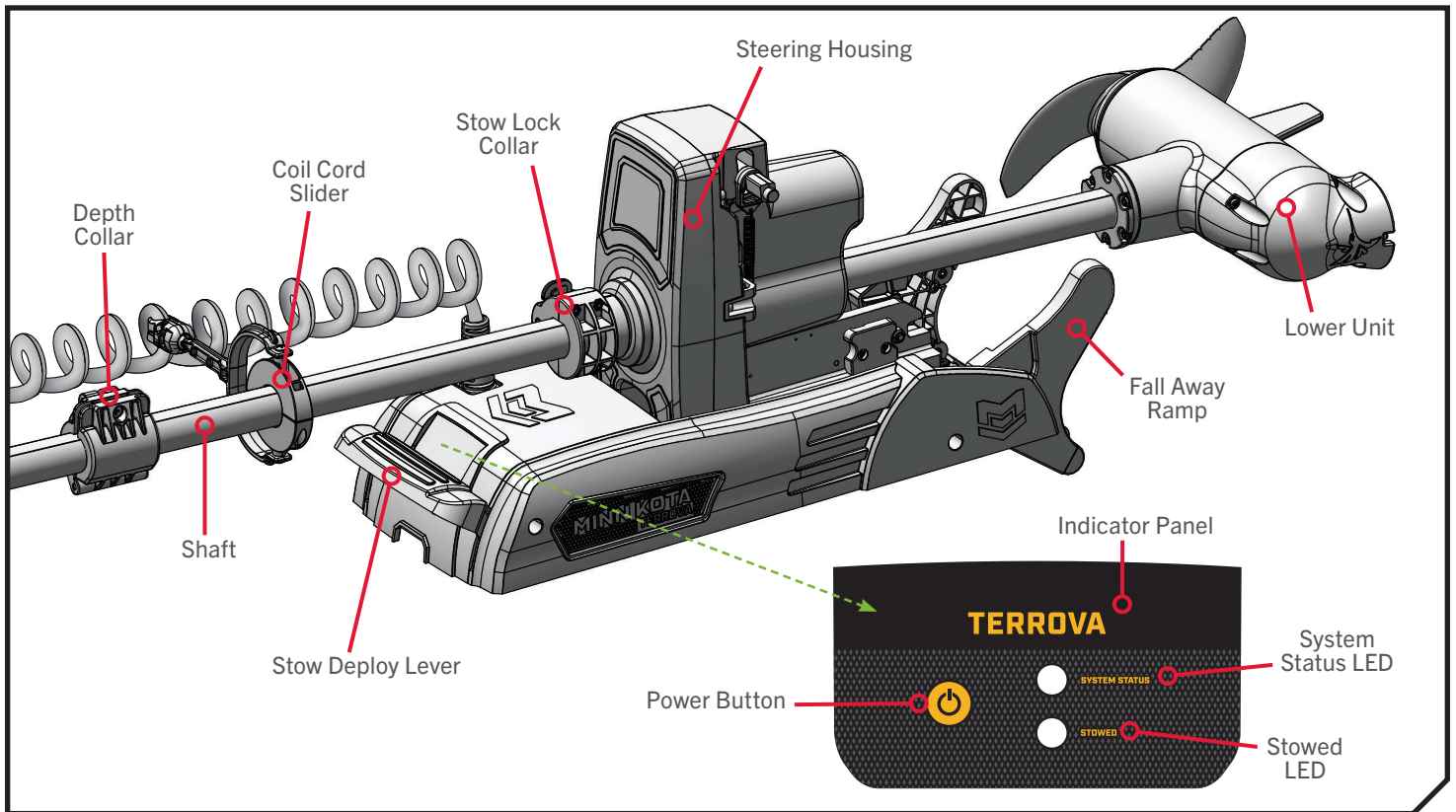


NOTICE: This is a multi-voltage diagram. Double-check your motor's voltage for proper connections. Over-Current Protection Devices are not shown in this illustration.

USING & ADJUSTING THE MOTOR

MOUNT FEATURES

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





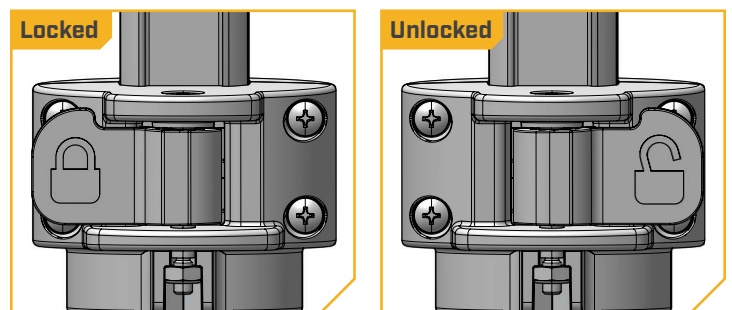
› Depth Collar

The Depth Collar functions to hold the motor at the proper depth while deployed. On motors with a shaft length of 45" or 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 45" or 60", the Depth Collar sits between the Control Head and Steering Housing. On motors with a 72" 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", 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 45" or 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.






⚠ WARNING

When the motor is being transported, it is important to fully lock the Stow Lock Collar (for shaft lengths 72") or secure the Depth Collar snug against the Steering Housing (for shaft lengths 45" or 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" 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.

NOTICE: The appearance of the Fall Away Ramps varies based on sonar type.

› **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

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 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.

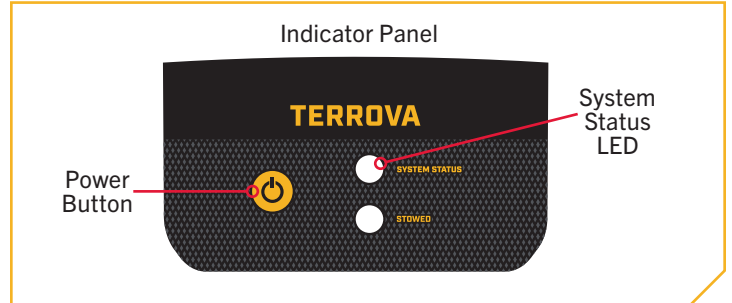
› LED Patterns


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.

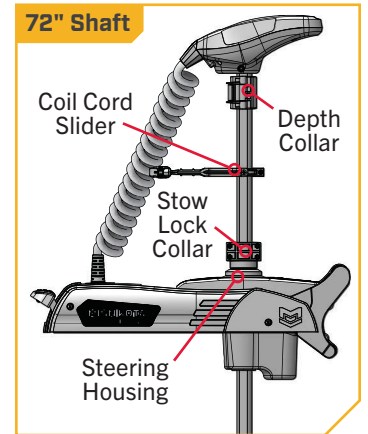
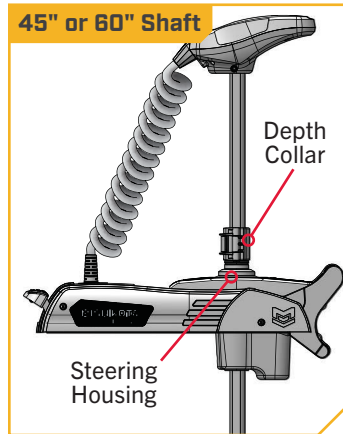
STOWING AND DEPLOYING THE MOTOR

STOWING AND DEPLOYING THE MOTOR

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



Short-shaft motors have shaft lengths of 45" or 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 a shaft length of 72". 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.



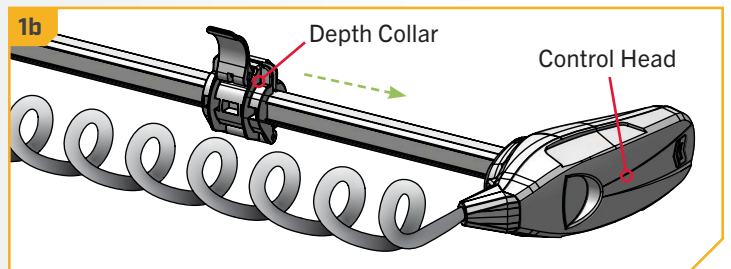
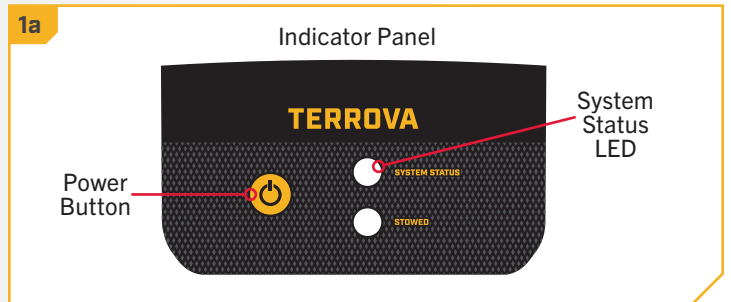
45" AND 60" SHAFTS >

> To Deploy the Motor (45" and 60" Shafts)

- 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.
 - 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 [45" AND 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

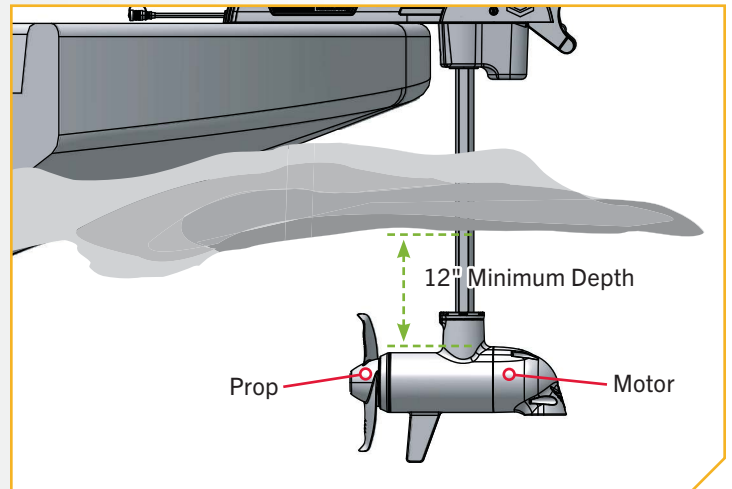
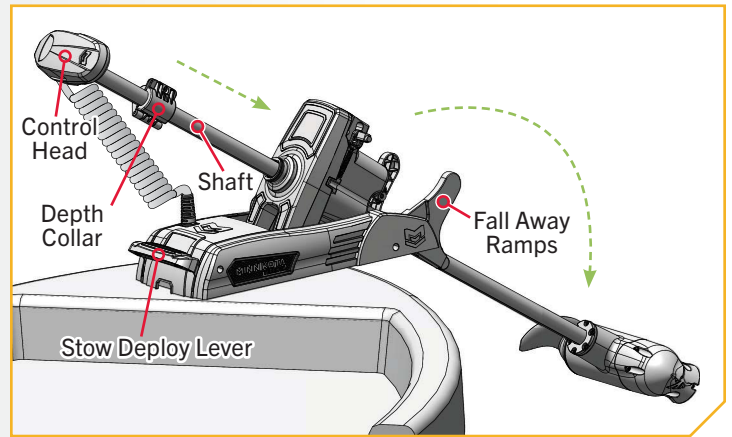
The Control Head will create a pinch point if the Depth Collar is released and the Control Head slides to the top of the Depth Collar. Grasp the Shaft to prevent it from sliding all the way down and creating a pinch point.

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 (45" AND 60" SHAFTS)

› To Stow the Motor (45" and 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.

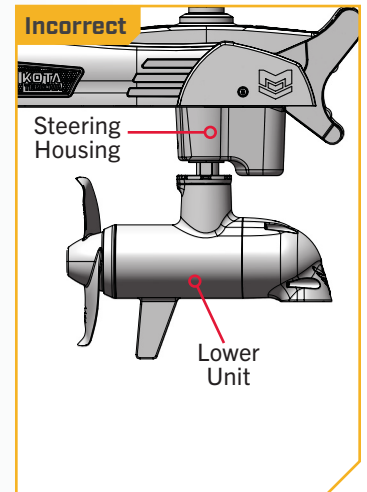
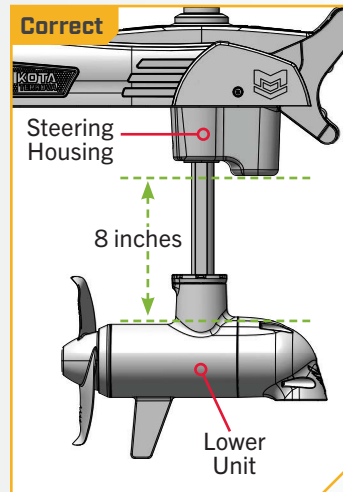
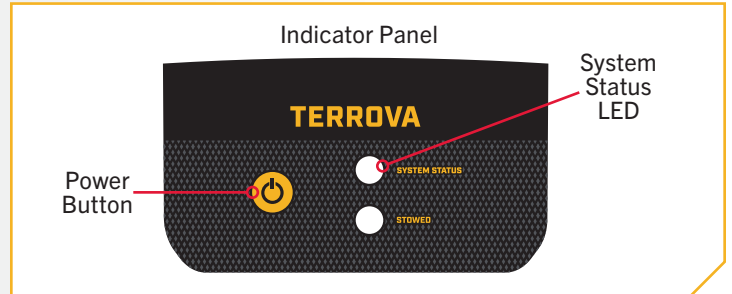


WARNING

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 [45" AND 60" SHAFTS]

2

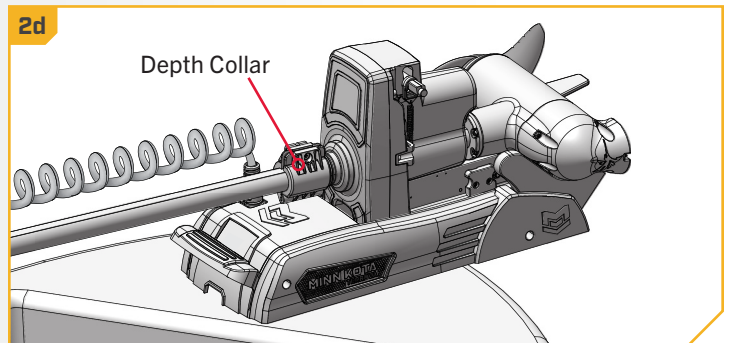
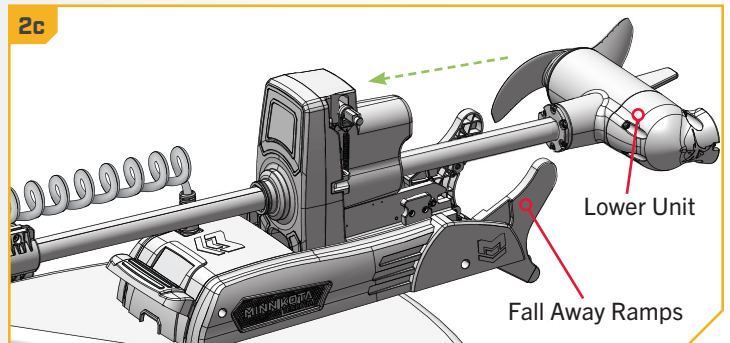
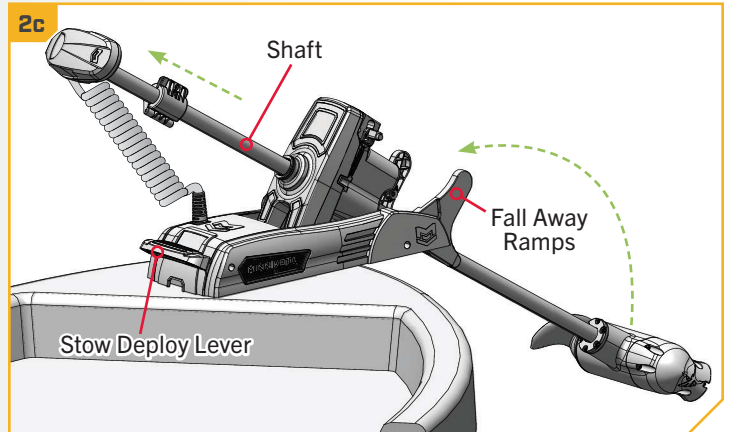
- b. Press the Stow Deploy Lever at the front of the mount. This will cause the Shaft and Lower Unit to automatically rotate into the Stow Orientation. Allow the Lower Unit to complete this motion before stowing the motor.
- c. Grasp the Shaft or Control Head. While holding down the Stow Deploy Lever, 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" SHAFTS)

72" SHAFTS >

> To Deploy the Motor (72" Shafts)

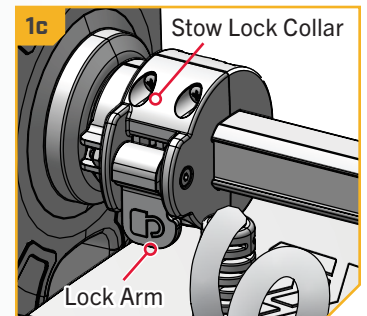
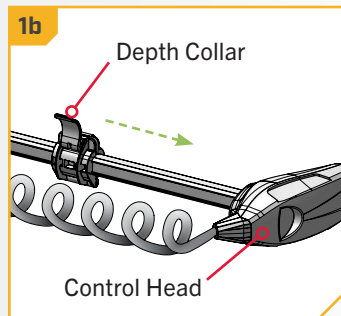
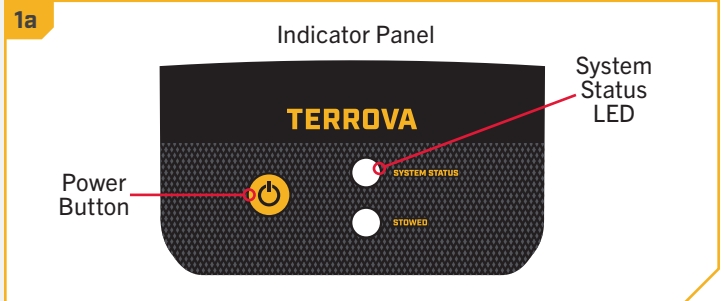
1

- 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" 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.

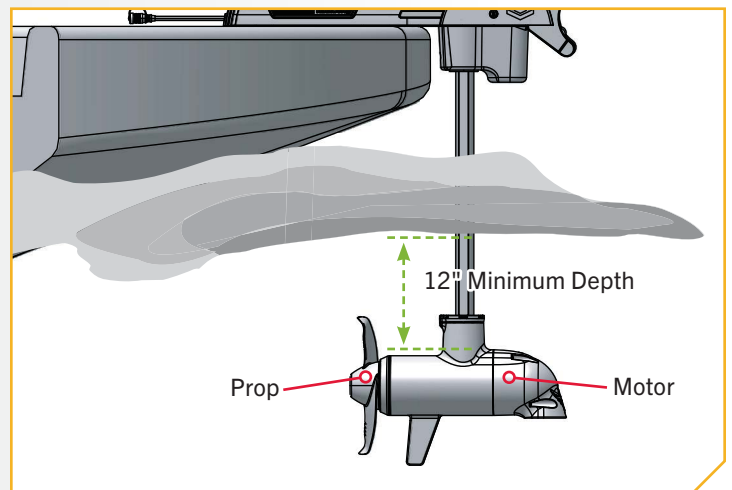
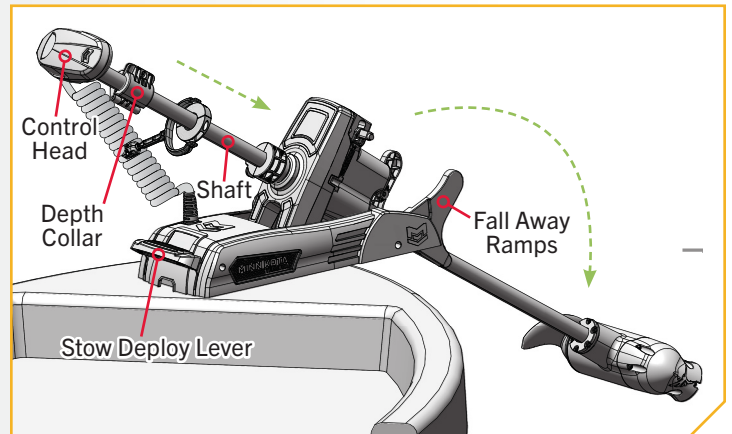
The Control Head will create a pinch point if the Control Head slides to the top of the Depth Collar. Grasp the Shaft to prevent it from sliding all the way down and creating a pinch point.

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" 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. Ensure that the Stow Lock Collar is in the unlocked  position.

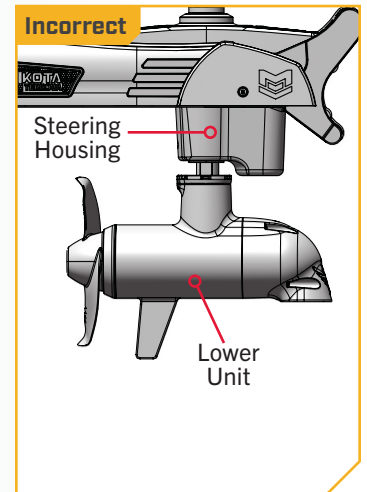
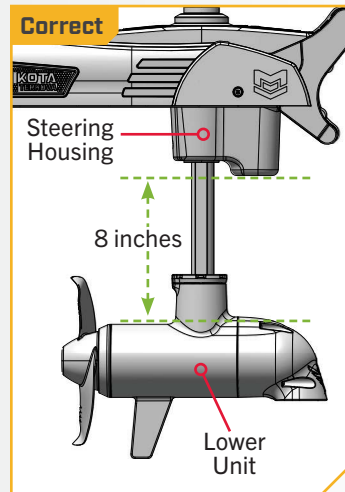
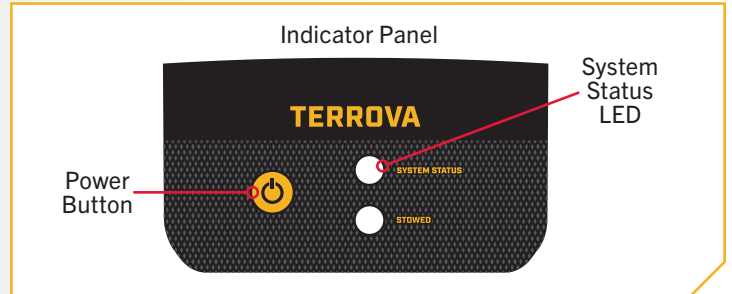


WARNING

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" 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.

