



SURESHADE® POWER
BIMINI UPGRADES
OWNER'S MANUAL

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Introduction

The SureShade Power Bimini is an electric actuator-driven Bimini top powered by a 12V DC source, that can be controlled by an actuator QC (quick connect) controller, a helm-mounted momentary switch or an app.

This manual covers operation of various independent upgrade options collected under a complete system. For operation of an optional upgrade, refer to the section(s) that pertain to the installed system.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/marine-products/> .

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the LCI limited warranty.

WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury and/or severe product or property damage if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

WARNING

Do NOT fully open the bimini frame without the canvas top installed. Opening the bimini frame without the canvas top installed will result in severe product damage. Only fully open the bimini frame with the canvas top installed.

CAUTION

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

CAUTION

Do NOT exceed 15 mph when fly extension is deployed. Exceeding maximum speed limit with fly extension deployed can cause damage to the extension and void product warranty.

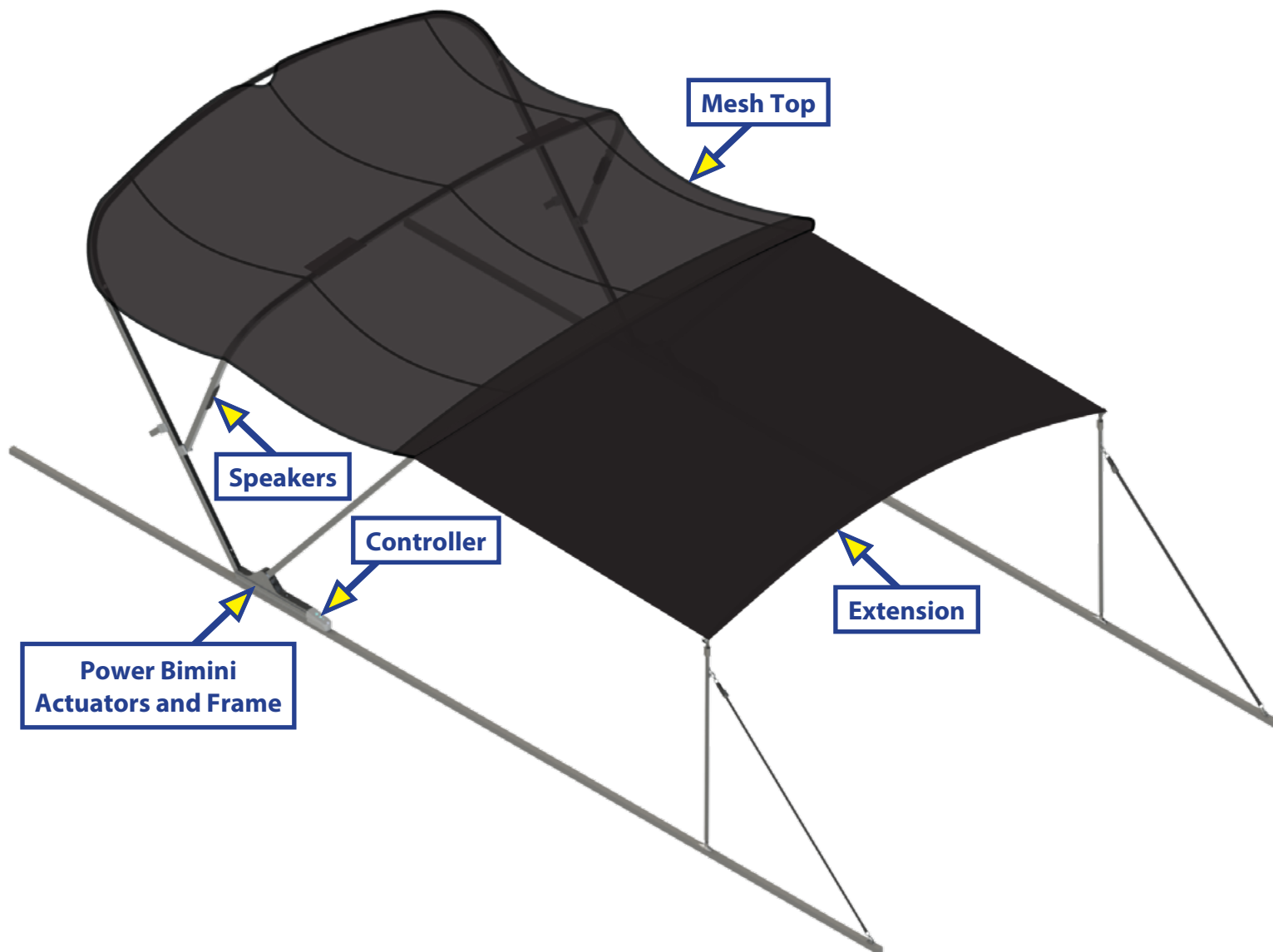
CAUTION

Always wear eye protection when performing service, maintenance or installation procedures.

NOTICE

All electrical wiring harnesses shall be loomed and secured to prevent possible damage and installed in accordance with the latest ABYC (American Boat and Yacht Council) electrical standards, [E11 and S31](#)

Complete Quick-Connect Bimini System



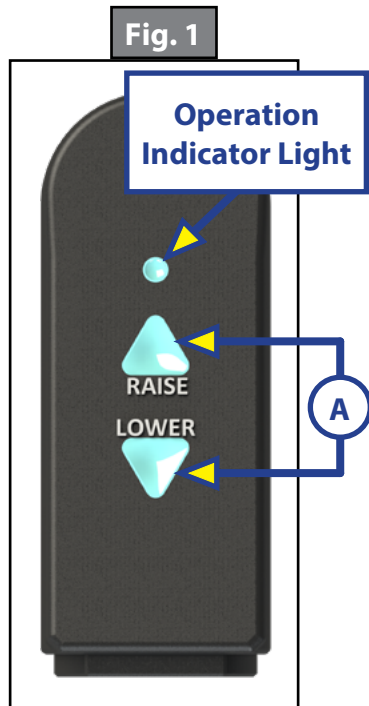
Operation

Bimini Top

1. Turn on electrical power to the boat.
2. Remove any protective boot or restraints from the canvas or optional high speed mesh top.
3. To operate the quick-connect (QC) bimini top, use one of the following methods:

NOTE: Do **NOT** fully open the QC bimini system without a top installed or failure of the system will result.

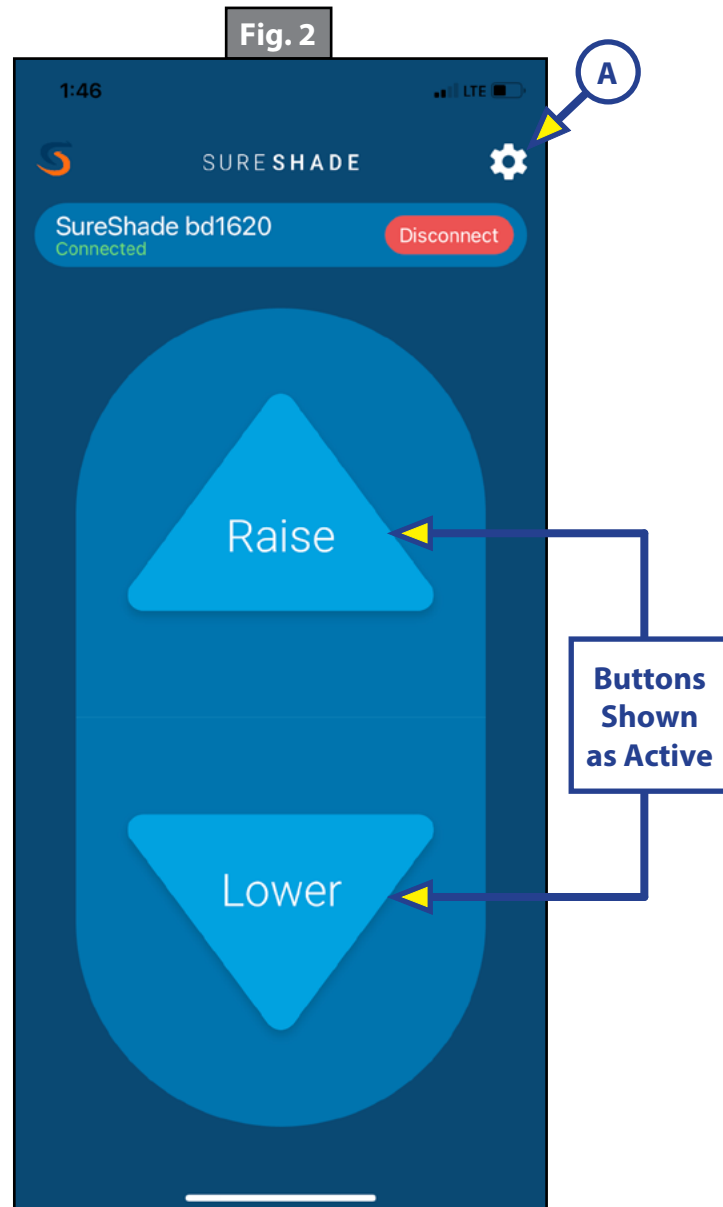
- A. If the bimini system is electrically connected to a helm switch, the top can be raised and lowered by using:
 - I. The helm switch by pressing and holding the switch until the top is fully extended or retracted and the actuators stop. Release the switch.
 - II. The QC controller buttons by pressing and holding the appropriate button (Fig. 1A) until the top is fully extended or retracted and the actuators stop. Release the button.



III. The SureShade Bluetooth® compatible app operates in the same fashion as the physical QC controller.

NOTE: There is no operation indicator light on the app's control button screen (Fig. 2).

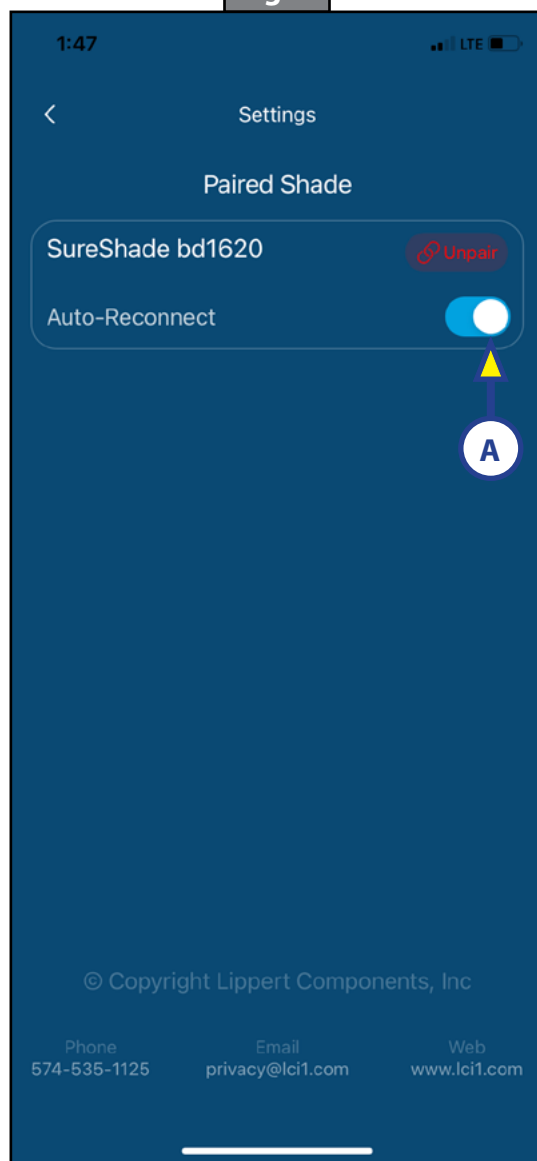
- a. Using a smart device, download and install the SureShade Connect app.
 - b. Follow all on-line prompts to install and pair the app to the controller.
 - c. Use the app control buttons (Fig. 2) to raise or lower the bimini top.
- B. Operate the QC controller or app's buttons to place the bimini top in various positions by continuous contact on the button until the desired position is reached, then release the button.



To disconnect and un-pair the connected controller from a smart device, do as follows:

1. Open the app and go to the **Raise** and **Lower** button screen (Fig. 2).
2. Tap the gear icon (Fig. 2A) to access the Settings screen (Fig. 3).
3. Follow the app's on-screen prompts to un-pair—disconnect—the controller from the app.

Fig. 3



⚠ CAUTION

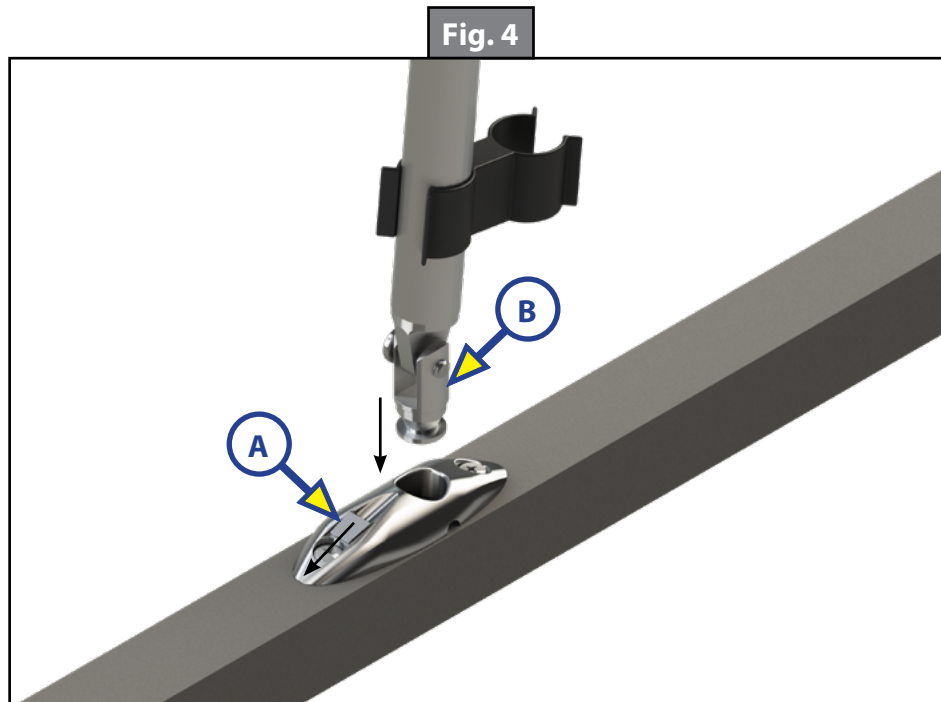
Do NOT exceed 15 mph when fly extension is deployed. Exceeding maximum speed limit with fly extension deployed can cause damage to the extension and void product warranty.

The optional Lippert front fly extension is only compatible with bimini tops equipped with a zippered front storage pocket that accommodates the attachment and storage of the fly extension and stanchions. The stanchions are equipped with adjustable tie-down straps.

1. If necessary, open the bimini top to its fully opened position.

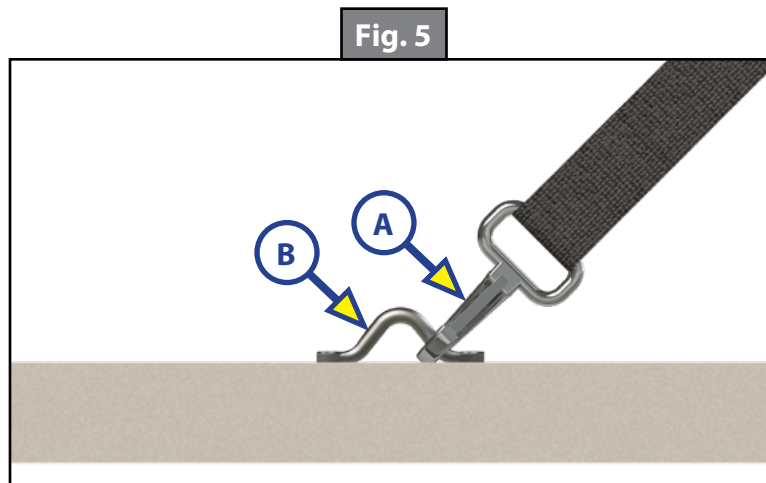
NOTE: Do **NOT** fully open the QC bimini system without a top installed or failure of the system will result.

2. Extend the fly extension towards the front of the boat as follows:
 - A. Unzip the front storage bimini pocket and unfurl the fly extension to release the stanchions.
 - B. Grasp the stanchions and walk the fly extension towards the front of the boat.
 - C. Insert each stanchion in its respective locking plate.
 - I. Slide the locking button (Fig. 4A) on a locking plate back then insert the stanchion pole's swivel stud (Fig. 4B) into the locking plate.



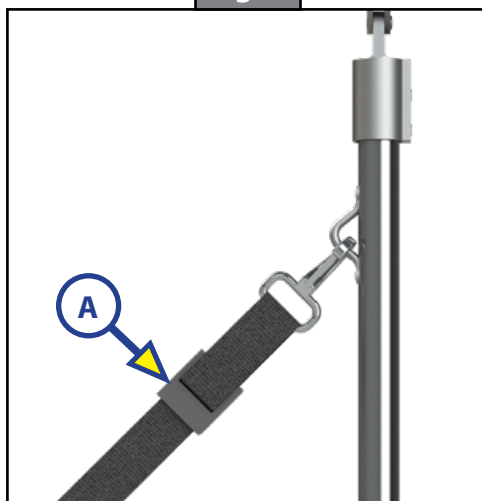
- II. Release the locking button.

- D. Extend and clip each stanchion's tie-down strap (Fig. 5A) onto its respective saddle (Fig. 5B).



- E. Pull downward on each tie-down's adjustment buckle (Fig. 6A) until the fly extension is taut and does not sag.

Fig. 6



If the power bimini is equipped with the Lippert high speed mesh top, the fly extension can also be reversed and passed underneath the top to provide rain and additional sun protection. The reversed use of the fly extension is secured to the rear rails with the same stanchions and tie-down straps used at the front.

⚠ CAUTION

Do NOT exceed 15 mph when fly extension is deployed. Exceeding maximum speed limit with fly extension deployed can cause damage to the extension and void product warranty.

The maximum 15 mph speed limit **MUST** still be observed when the fly extension is deployed in the reversed position. Even when deployed in the reverse position, exceeding the maximum speed limit can cause damage to the extension.

If the fly extension is stored, follow the same procedure to deploy it as outlined for securing it to the front of the boat (previous steps 1 and 2) except walk the extension towards rear of the boat.

If the fly extension is already deployed to the front of the boat, deploy it to the rear of the boat as follows:

1. Use adjustment buckles to loosen tie-down straps, then unclip them from their saddles.
2. Slide the locking button on the locking plates back, then lift the stanchion pole out of the locking plate.
3. Grasp the stanchions and walk the fly extension towards the rear of the boat, under the top.
4. Insert each stanchion in its respective locking plate.
5. Extend and clip each stanchion's tie-down strap onto its saddle.
6. Use adjustment buckles to pull tie-down straps until the fly extension is taut and does not sag.

To store the fly extension, do as follows:

1. Loosen tie-down straps and unclip them from their saddles.
2. Remove the stanchions from their locking plates.
3. Place the stanchions and tie-down straps onto the fly extension material.
4. Roll the stanchions and straps up into the fly extension material towards the front storage pocket of the top.
5. Tuck the rolled up material into the storage pocket.
6. Zip the storage pocket closed.

Bimini Speakers

Use of the protective boot, fly extension or position of the bimini top will not affect speaker performance.

1. Turn on electrical power to the boat.
2. Turn on and operate the boat's entertainment system.
3. Use the entertainment system's controls to adjust speaker balance, tone and volume.

Troubleshooting

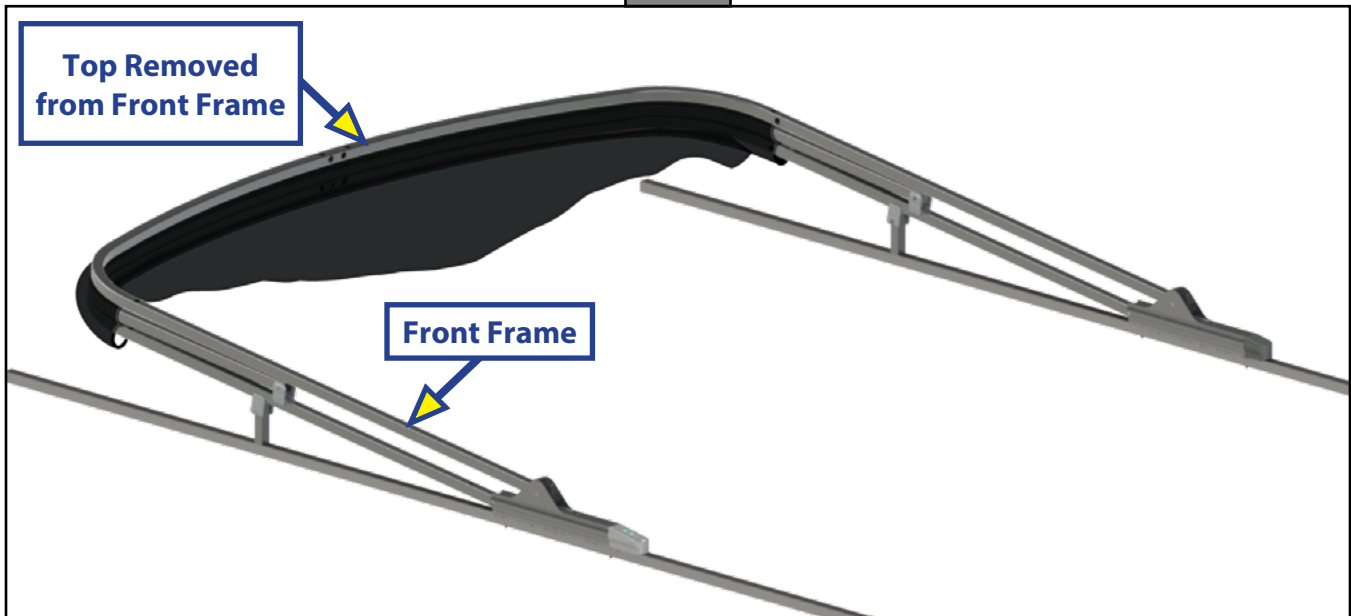
What is Happening	Why?	What Should Be Done?
Top does not raise or lower.	No power.	Turn on boat's electrical power.
	Bad electrical harness.	Contact Lippert. Email: customerservice@lci1.com Phone: 432-LIPPERT (432-547-7378)
	Bad actuator.	
	Bad electrical connection.	Check for loose or unconnected wires. Connect wires.
	Pinched/cut harness wire.	Replace wire harness.
	Bad controller.	Contact Lippert. Email: customerservice@lci1.com Phone: 432-LIPPERT (432-547-7378)
Controller power indicator light not lit.	No electrical power.	Turn on boat's electrical power.
	Bad light.	Replace controller.
Controller buttons do not respond.	No electrical power.	Turn on boat's electrical power.
	Bad electrical connection.	Check for loose or unconnected wires. Connect wires.
	Pinched/cut harness wire.	Replace wire harness.
	Bad controller.	Contact Lippert. Email: customerservice@lci1.com Phone: 432-LIPPERT (432-547-7378)
Mesh top sags.	Unzipped frame pocket.	Zip all frame pockets closed
	Unconnected snap(s).	Connect all snaps.
	Mesh top not fully opened.	Fully open mesh top.
Fly extension stanchions do not reach the locking plates.	Fly extension not fully extended.	Fully extend fly extension.
	Bimini top not fully extended.	Fully extend bimini top.
	Locking plates mounted too far away.	Relocate locking plates.
Stanchions do not lock in-place.	Bad locking button.	Contact Lippert. Email: customerservice@lci1.com Phone: 432-LIPPERT (432-547-7378)
Tie-down strap does not reach the saddle.	Saddle mounted too far away.	Relocate saddle.
	Tie-down strap not extended enough.	Adjust tie-down strap buckle to increase strap length.
Tie-down strap clip does not close on saddle or stanchion.	Bad spring clip.	Replace tie-down strap.

Manual Override

If the power bimini top will not retract into the radar or fully retracted position, a manual override of the power bimini top must be done before putting the pontoon underway. Perform a manual override of the power bimini top as follows:

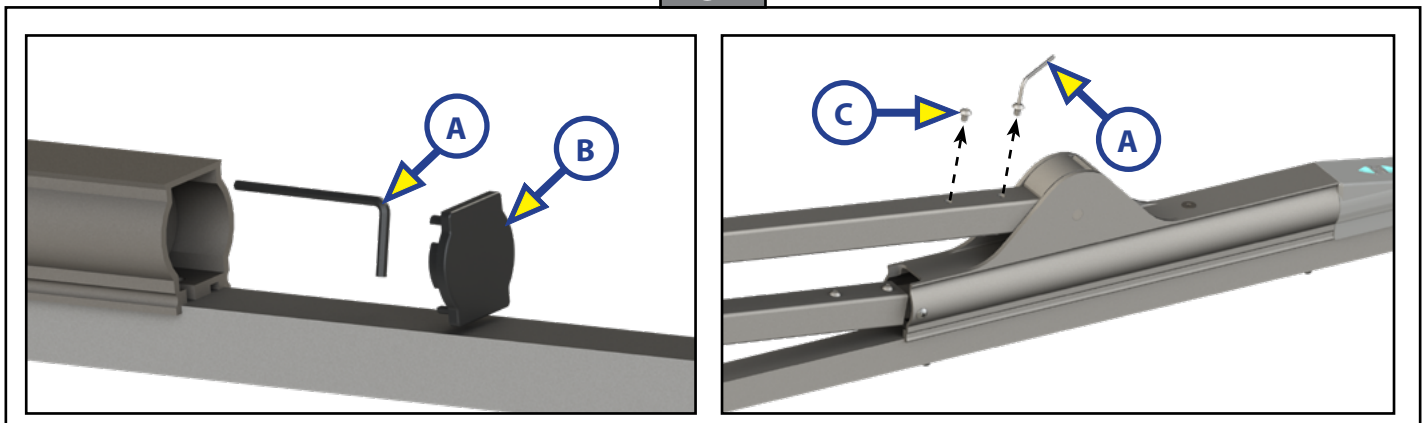
1. If the fly extension is deployed, disconnect the fly extension stanchions and tie-down straps. Store the fly extension in the top's front zippered storage pocket.
2. Unzip the front pocket of the bimini canvas. If available, have a second person push forward on the rear frame to relieve some pressure off of the canvas then hold up the rear and middle frames when the canvas is unzipped.
3. Place the rear frame and canvas in the down position (Fig. 7).

Fig. 7



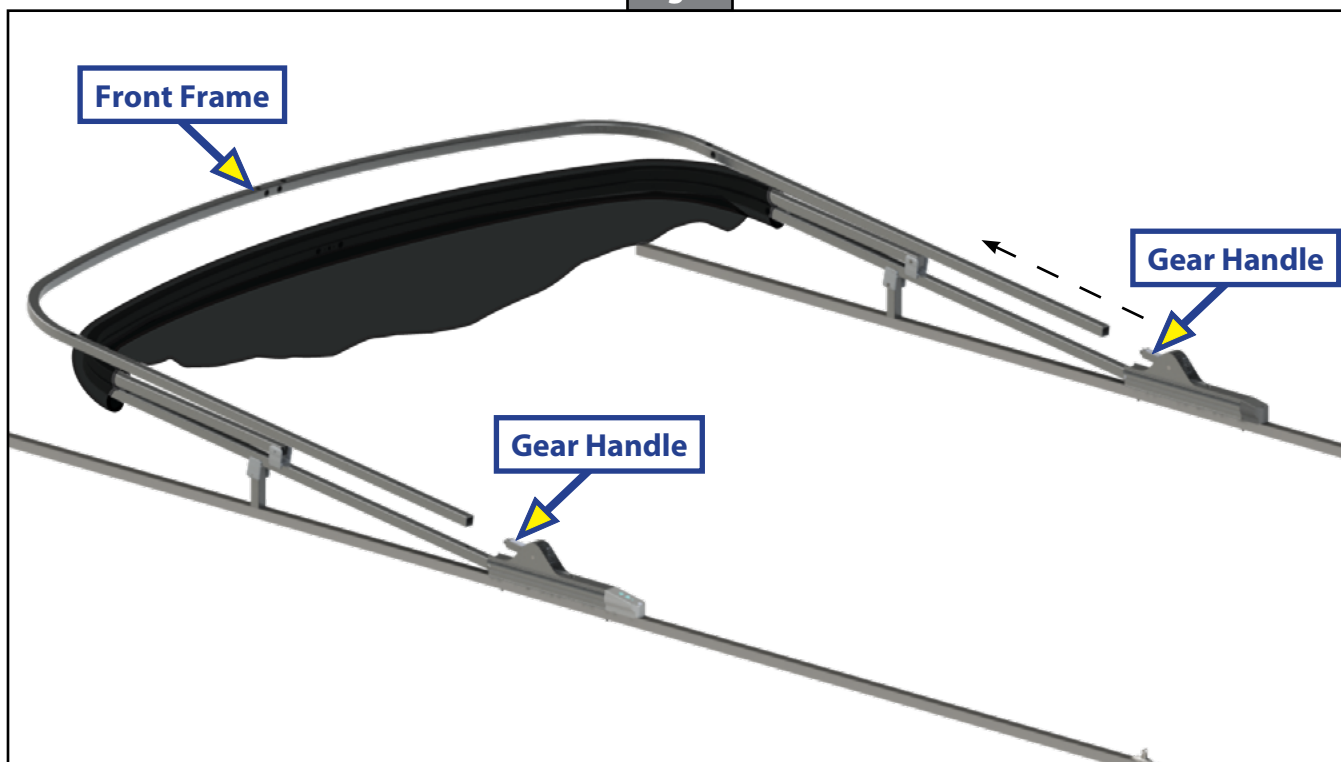
4. Use the provided 5/32" hex wrench (Fig. 8A) to remove the two 1/4" hex cap screws (Fig. 8C) located at the bottom of the front frame on both sides.
 - A. If the QC controller is not installed, a hex wrench will be located behind each actuator's end cap (Fig. 8B)
 - B. If the QC controller is installed, a hex wrench will be located inside the front zippered storage pocket of the top.

Fig. 8



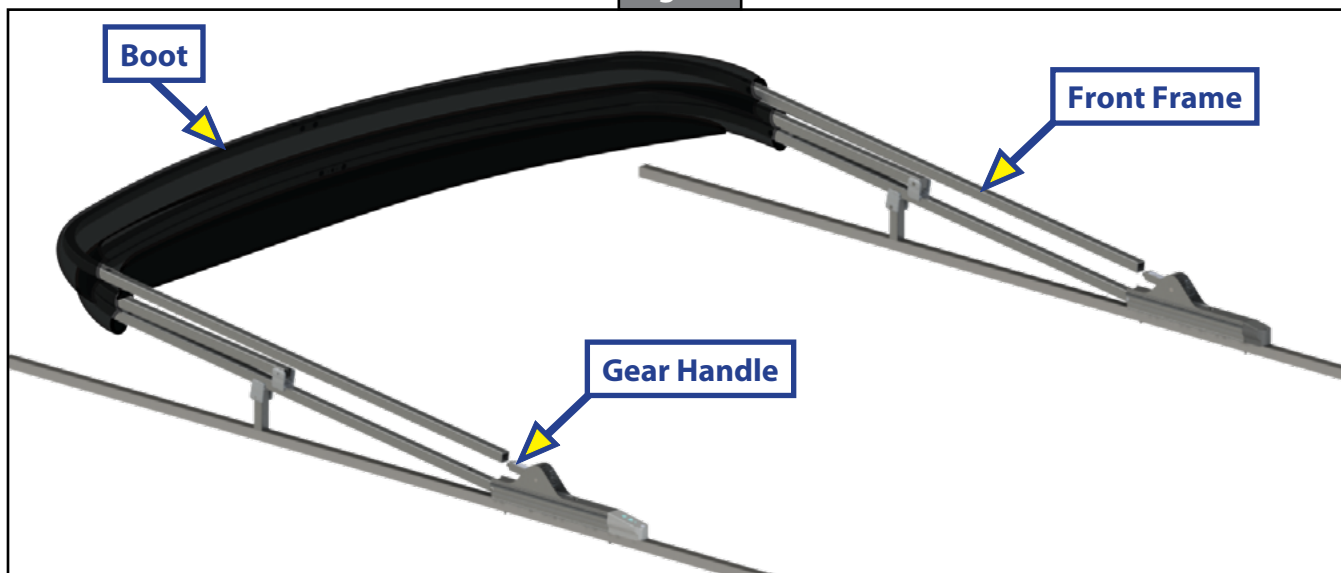
5. Lift the front frame off of the gear handles (Fig. 9).

Fig. 9



6. Collapse the frame, placing the front frame on top of the others and the rear frame.
7. Zip the bimini top's front pocket over the loose front frame to help hold the frame in-place.
8. Secure the remainder of the front frame in-place with the protective boot (Fig. 10), zip ties, hook-and-loop strips or with some other type of cordage.

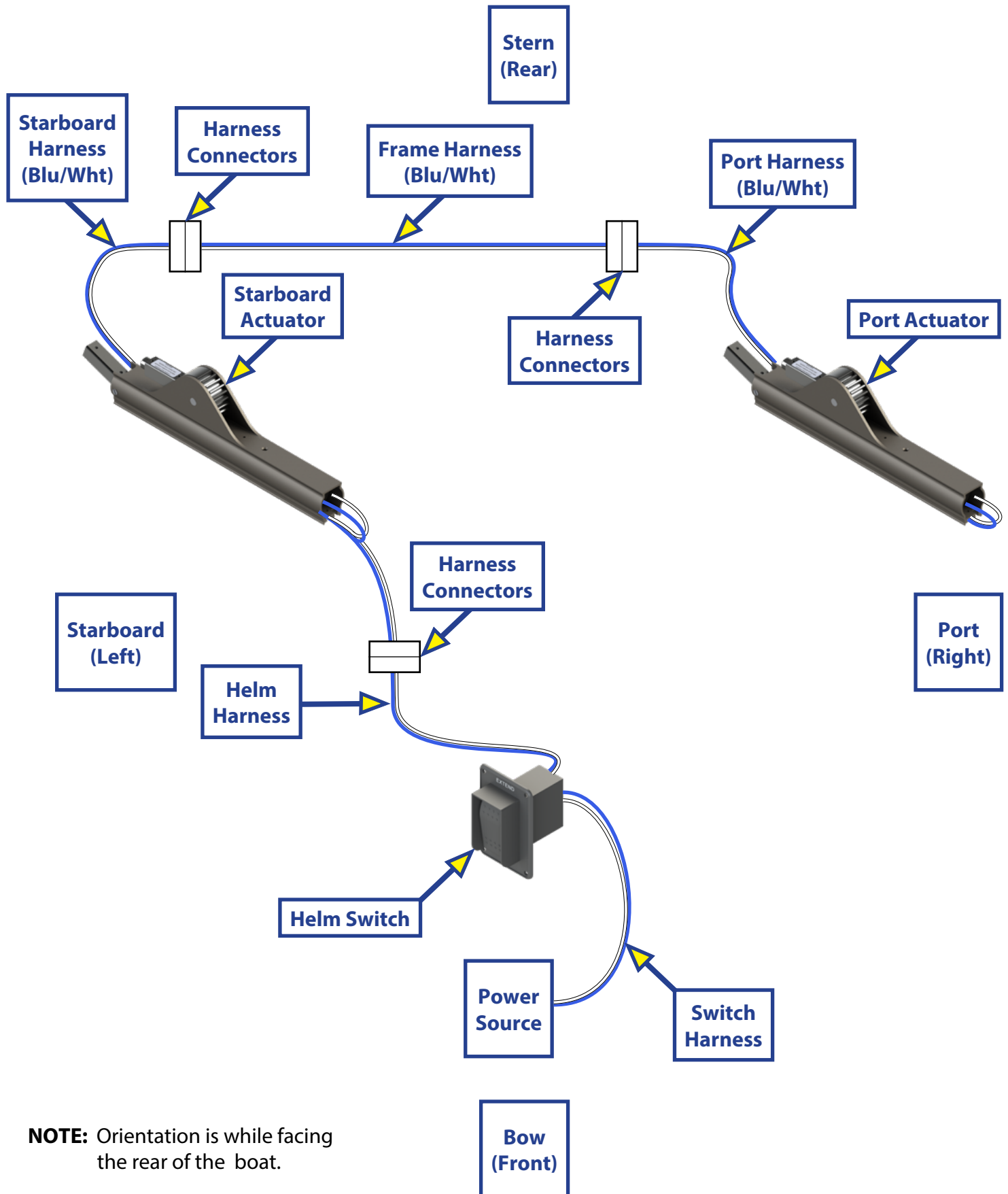
Fig. 10



Wiring Diagrams

Helm Switch to Actuators

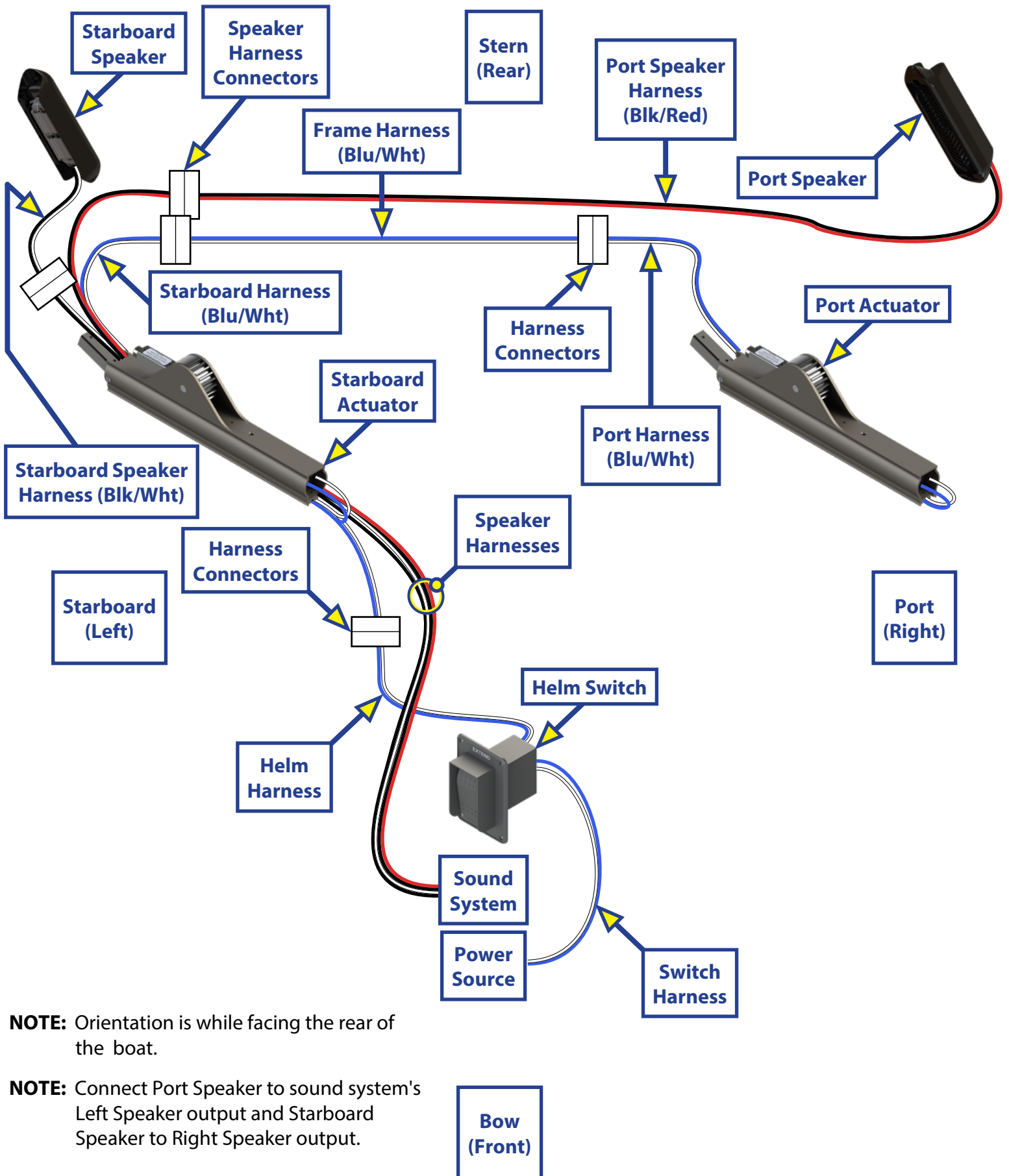
NOTE: Configuration **NOT** Bluetooth compatible.



NOTE: Orientation is while facing the rear of the boat.

Helm Switch to Actuators and Speakers

NOTE: Configuration **NOT** Bluetooth compatible.

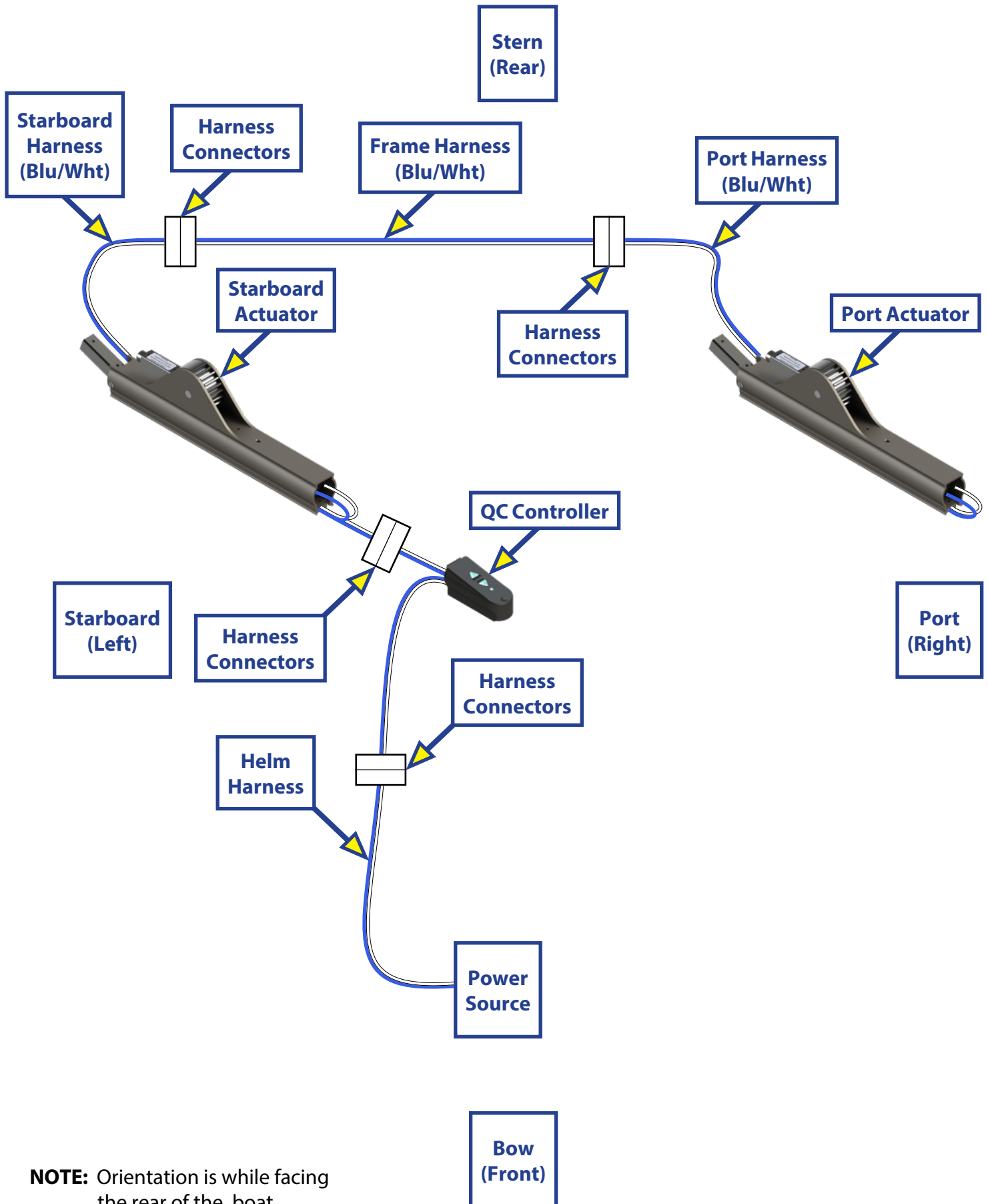


NOTE: Orientation is while facing the rear of the boat.

NOTE: Connect Port Speaker to sound system's Left Speaker output and Starboard Speaker to Right Speaker output.

QC Controller to Actuators

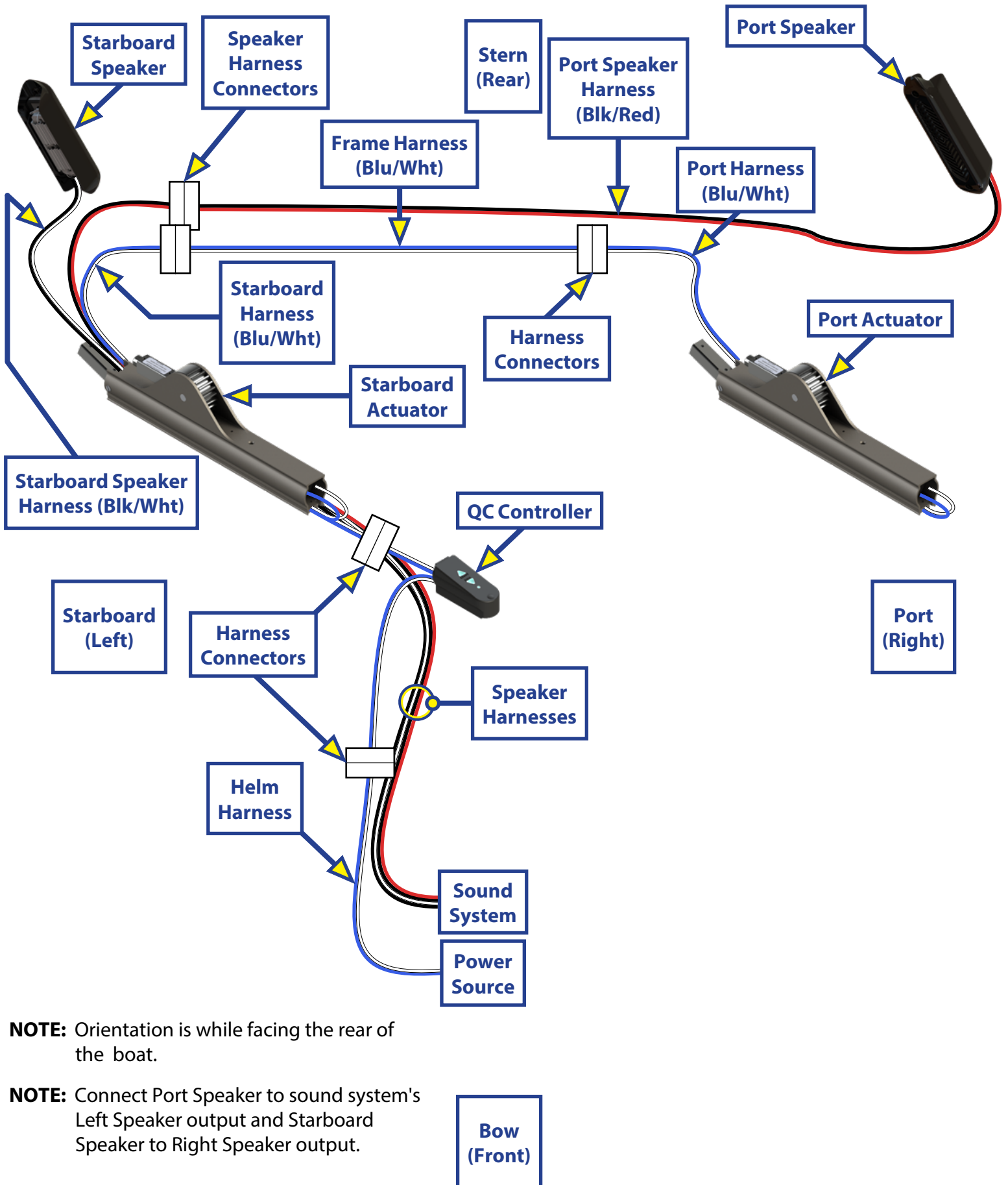
NOTE: Configuration Bluetooth compatible.



NOTE: Orientation is while facing the rear of the boat.

QC Controller to Actuators and Speakers

NOTE: Configuration Bluetooth compatible.



Notes

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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Follow proper safety practices. If in doubt, consult a professional RV technician.