



SURESHADE®
POWER BIMINI
OWNER'S MANUAL

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Introduction

The SureShade® Power Bimini delivers improved sun protection and on-board comfort with an automated telescoping boat shade that can be easily operated by the helm-mounted switch or, if so equipped, by the convenience of a key-fob remote.

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.

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/>.

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 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

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

WARNING

Never trailer or tow the boat without the protective boot properly installed on the top and with the top in its full down position. Trailering or towing the boat without the top in its full down position and with the protective boot properly installed can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

WARNING

Never open the top without the canopy installed. Opening the top without the canopy installed can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

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

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

CAUTION

Moving parts can pinch, cut or crush. Keep clear and use caution.

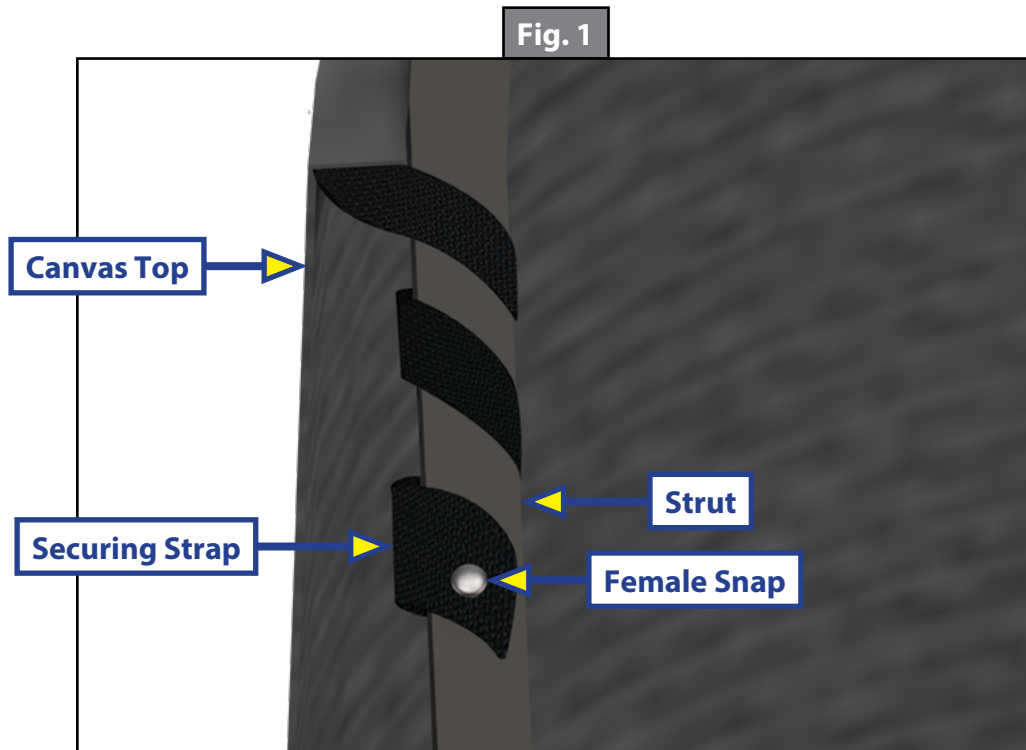
Operation

The canvas bimini top has securing straps with female snaps (Fig. 1) located at the bow port and starboard corners and aft port and starboard corners. Securing straps prevent undue billowing of the bimini top when installing the boot.

Make sure all four securing straps are in place when installing the boot or operating the bimini top. If necessary, start at one canvas corner and tightly pull and wrap the securing strap around the bimini top strut (Fig. 1) and snap in-place. Repeat procedure as necessary for each securing strap.

The SureShade Power Bimini top can be operated in four different positions:

- Full Open for maximum shade
- Vari-pitch for shade during low-setting sun conditions
- Radar for aft entry/exit
- Full Down for lifts, bridges and storage



Helm-mounted Switch Positioning

⚠ WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

For proper operation of the four available power bimini top positions from the helm-mounted switch, make sure:

1. The protective boot is properly installed, except for when the top is in the Full Open (Fig. 2) or Vari-pitch (Fig. 3) position.
2. To press and hold the switch button until the actuator motor turns itself off, then release the switch.
3. The actuator and top are both in the Full Down (Fig. 5) position.
4. The protective boot is properly installed when the top is not in use.

Full Open Position (Fig. 2)

⚠ WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. Remove the protective boot.
2. Press and hold the switch button until motors turn off—do not release button until both actuator motors turn off.

Note: Maximum speed limit is 25 MPH.

Note: Do **NOT** open in excessively high winds.

Fig. 2



Vari-pitch Position (Fig. 3)

⚠ WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

⚠ WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. Remove the protective boot.
2. Press and hold the switch button until desired position is reached, then release button.

Note: Maximum speed limit is 5 MPH.

Note: Do **NOT** operate or open top when boat is in motion or in excessively high winds.

Fig. 3



⚠ WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

⚠ WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. With the top in its full down position, make sure the protective boot is properly installed.
2. Press and hold the switch button (Fig. 1A) until desired position is reached, then release button.

Note: Maximum speed limit is 50 MPH.

Note: Do **NOT** operate top when boat is in motion or in excessively high winds.

Fig. 4



Full Down Position (Fig. 5)

⚠ WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

⚠ WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. Press and hold the switch button (Fig. 1B) until motors turn off—do not release button until both actuator motors turn off.
2. Install protective boot.

Note: Maximum speed limit with boot installed is 65 MPH.

Note: Maximum speed limit without boot installed is 5 MPH.

Note: Do **NOT** operate or open top when boat is in motion or in excessively high winds.

Fig. 5



⚠ WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

⚠ WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

The Open/Close (△/▽) remote buttons (Fig. 6) are latching buttons, meaning that once a button is pressed, motion will automatically continue until the commanded position is reached.

Note: While in motion, pressing either button will immediately stop all motion. Keep the key-fob in-hand and be prepared to stop motion if necessary.

⚠ WARNING

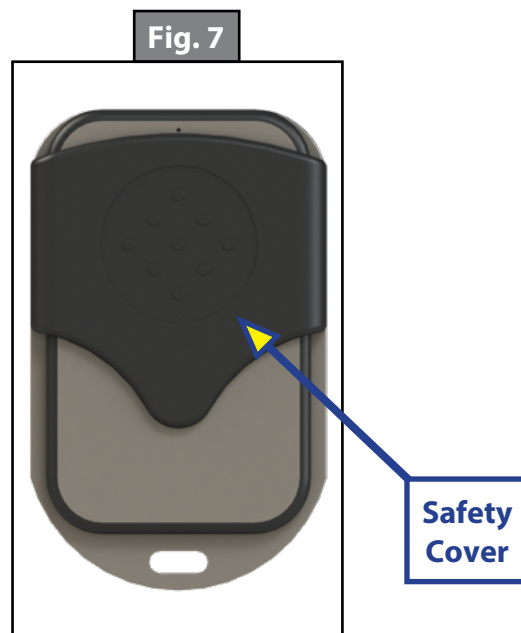
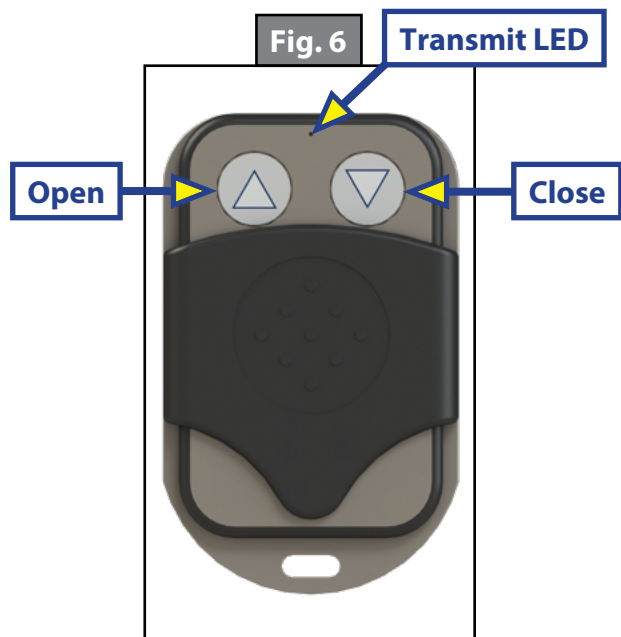
Before operating the power bimini top, thoroughly inspect the area around the entire bimini assembly. Verify that all passengers are in a safe position and that nobody is in an area that will interfere with the motion of the bimini or serious personal injury or severe product damage may occur.

⚠ CAUTION

Moving parts can pinch, cut or crush. Keep clear and use caution.

For proper operation of the four available power bimini top positions using the remote control key-fob, make sure:

1. Inspection of the bimini top area for safe operation is conducted.
2. The protective boot is installed, except for when the top is in the Full Open (Fig. 2) or Vari-pitch (Fig. 3) position.
3. After the desired position is reached and motion has stopped, slide the safety cover (Fig. 7) up to cover the buttons and protect against any unintended transmissions.



Full Open Position

WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. Remove the protective boot.
2. Press the Open ($\triangle$) button (Fig. 6) until motion begins, then release. Motion will continue and motors will automatically turn off.
3. Slide safety cover up (Fig. 7).

Note: Maximum speed limit is 25 MPH.

Note: Do **NOT** open in excessively high winds.

Vari-pitch Position

WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. Remove the protective boot.
2. Press the Open ($\triangle$) button (Fig. 6) until motion begins, then release. When desired position is reached, press either button to stop motion.
3. Slide safety cover up (Fig. 7).

Note: Maximum speed limit is 5 MPH.

Note: Do **NOT** operate or open top when boat is in motion or in excessively high winds.

Radar Position

WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. With the top in its full down position, make sure the protective boot is properly installed.
2. Press the Open ($\triangle$) button (Fig. 6) until motion begins, then release. When desired position is reached, press either button to stop motion.
3. Slide safety cover up (Fig. 7).

Note: Maximum speed limit is 50 MPH.

Note: Do **NOT** operate top when boat is in motion or in excessively high winds.

Full Down Position

WARNING

Never operate the top while the boat is in motion. Operating the top while the boat is in motion can cause serious damage to the top's framework, which could cause severe product and/or property damage including serious personal injury.

WARNING

Never open or operate the top in excessively high winds. Having the top open or operating the top in high winds, regardless if the boat is in motion or anchored, can cause serious damage to the top's framework, which could cause severe product and/or property damage, including serious personal injury.

1. Press the Close (∇) button (Fig. 6) until motion begins, then release. Motion will continue and motors will automatically turn off.
2. Slide safety cover up (Fig. 7).
3. Install the protective boot.

Note: Maximum speed limit with boot installed is 65 MPH.

Note: Maximum speed limit without boot installed is 5 MPH.

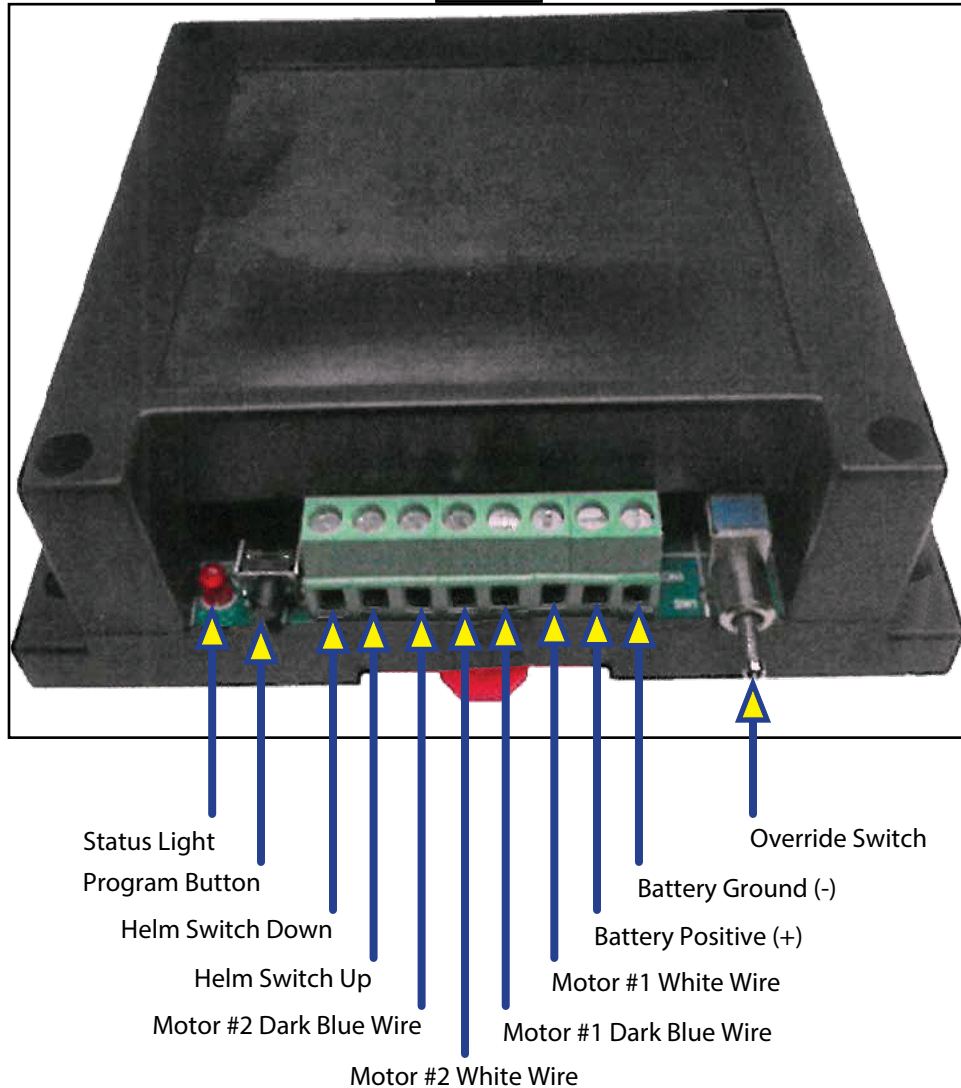
Note: Do **NOT** operate or open top when boat is in motion or in excessively high winds.

Programming Additional Key-Fobs (Remotes)—Optional

1. Locate the Program Button (Fig. 8) on the RF Receiver.
2. Press the Program Button until the red Status Light (Fig. 8) illuminates, then release the button and the Status Light will turn off.
3. Within five seconds, press any button on the key-fob (remote) (Fig. 6). Verify that the RF receiver Status Light blinks.
4. Repeat steps 1 and 2 for each additional remote.
5. Verify that each remote has been successfully programmed.

Note: To delete all key-fob remotes stored in memory, press and hold the Program Button for approximately five seconds until the red Status Light turns off.

Fig. 8



Troubleshooting

What Is Happening?	Why?	What Should Be Done?
Bimini top will not open.	Low power.	Make sure battery is fully charged.
	No power.	Check actuator and helm switch electrical connections. Reconnect loose or disconnected connections. Refer to figure 8 and Wiring Diagram.
		Inspect electrical connections for nicks and cuts. Repair or replace as necessary. Refer to figure 8 and Wiring Diagram.
Bimini top will not close.	Low power.	Make sure battery is fully charged.
	No power.	Check actuator and helm switch electrical connections. Reconnect loose or disconnected connections. Refer to figure 8 and Wiring Diagram.
		Inspect electrical connections for nicks and cuts. Repair or replace as necessary. Refer to figure 8 and Wiring Diagram.
	Damaged actuator.	Perform manual override.
	Foreign material blocking gear handle.	Remove foreign material from gear handle. Inspect gear handle and actuator for damage. Perform manual override if necessary.
Bimini top does not fully open.	Low power.	Make sure battery is fully charged.
	No power.	Check actuator and helm switch electrical connections. Reconnect loose or disconnected connections. Refer to figure 8 and Wiring Diagram.
		Inspect electrical connections for nicks and cuts. Repair or replace as necessary. Refer to figure 8 and Wiring Diagram.
	Damaged actuator.	Perform manual override.
	Foreign material blocking gear handle.	Remove foreign material from gear handle. Inspect gear handle and actuator for damage. Perform manual override if necessary.
Bimini top does not completely close.	Low power.	Make sure battery is fully charged.
	No power.	Check actuator and helm switch electrical connections. Reconnect loose or disconnected connections. Refer to figure 8 and Wiring Diagram.
		Inspect electrical connections for nicks and cuts. Repair or replace as necessary. Refer to figure 8 and Wiring Diagram.
	Damaged actuator.	Perform manual override.
	Foreign material blocking gear handle.	Remove foreign material from gear handle. Inspect gear handle and actuator for damage. Perform manual override if necessary.

What Is Happening?	Why?	What Should Be Done?
Bimini top does not respond to key-fob.	Weak signal.	Move key-fob closer to RF Receiver.
	No power.	Check power connections to RF Receiver. Reconnect power if necessary. Refer to figure 8 and Wiring Diagram.
		Use helm switch. If top responds to helm switch, replace key-fob battery.
Key-fob transmit LED does not light up.	Weak signal.	Move key-fob closer to RF Receiver.
	No power.	Check power connections to RF Receiver. Reconnect power if necessary. Refer to figure 8 and Wiring Diagram.
		Replace key-fob battery.

Manual Override

If the power bimini top will not close (retract) into the radar (Fig. 4) or full down position (Fig. 5), 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. Unzip the front pocket of the bimini canvas (Fig. 9). 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.

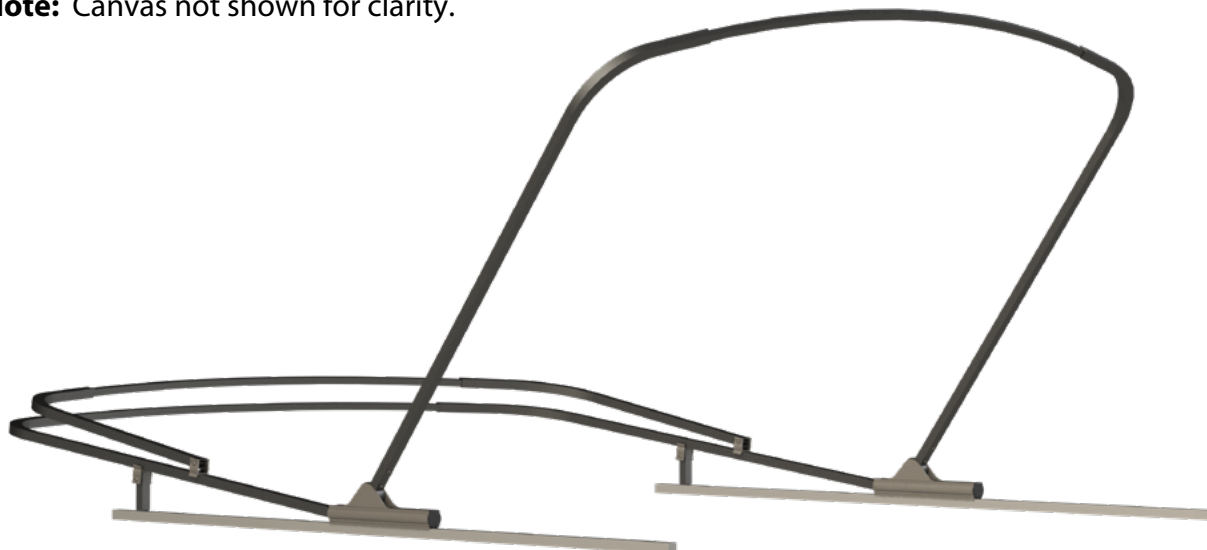
Fig. 9



2. Place the rear frame and canvas in the down position (Fig. 10).

Fig. 10

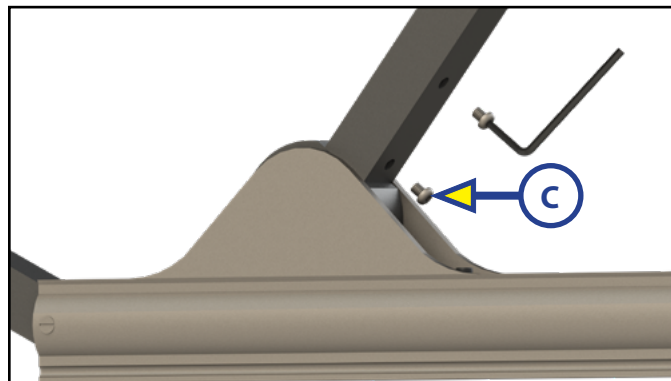
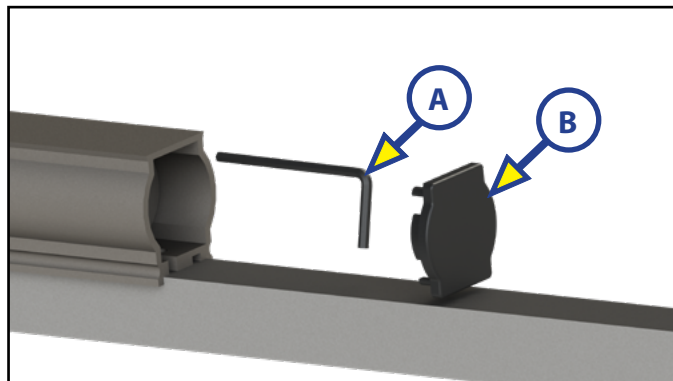
Note: Canvas not shown for clarity.



3. Use the provided 5/32" hex wrench (Fig. 11A)—located behind the actuator's end cap (Fig. 11B)—to remove the two 1/4" hex cap screws (Fig. 11C) located at the bottom of the front frame on both sides.

Fig. 11

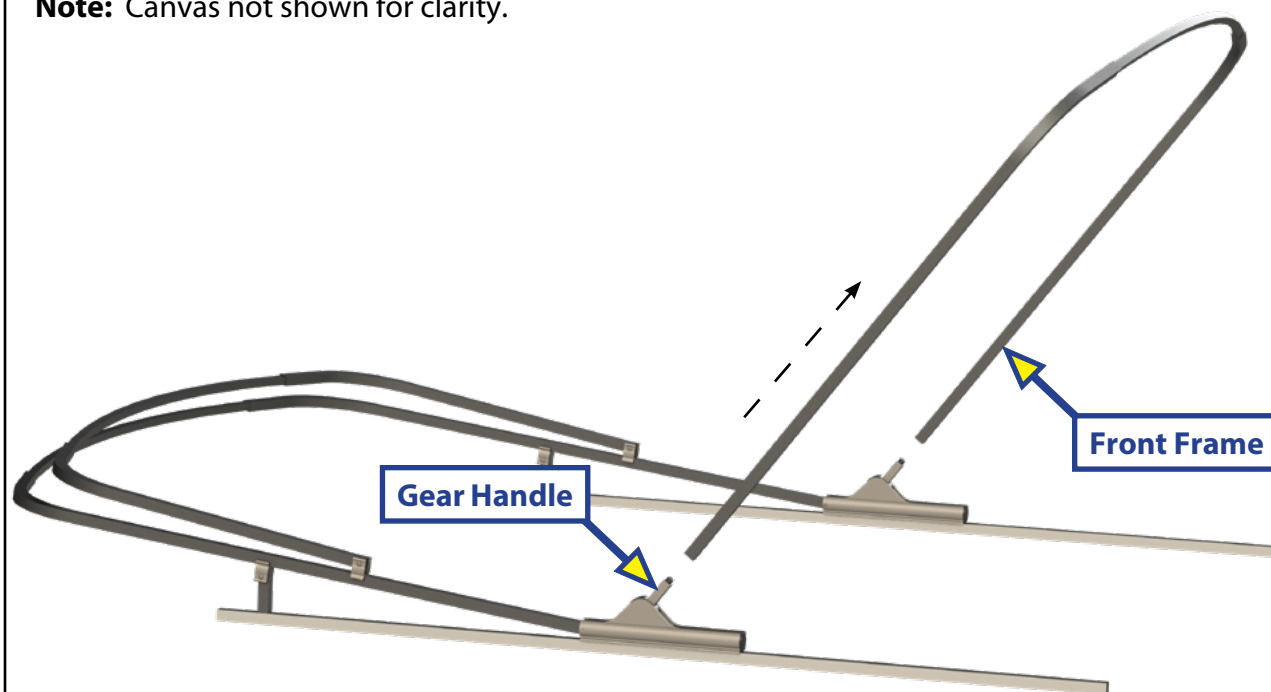
Starboard Side View



4. Lift the front frame off of the gear handles (Fig. 12).

Fig. 12

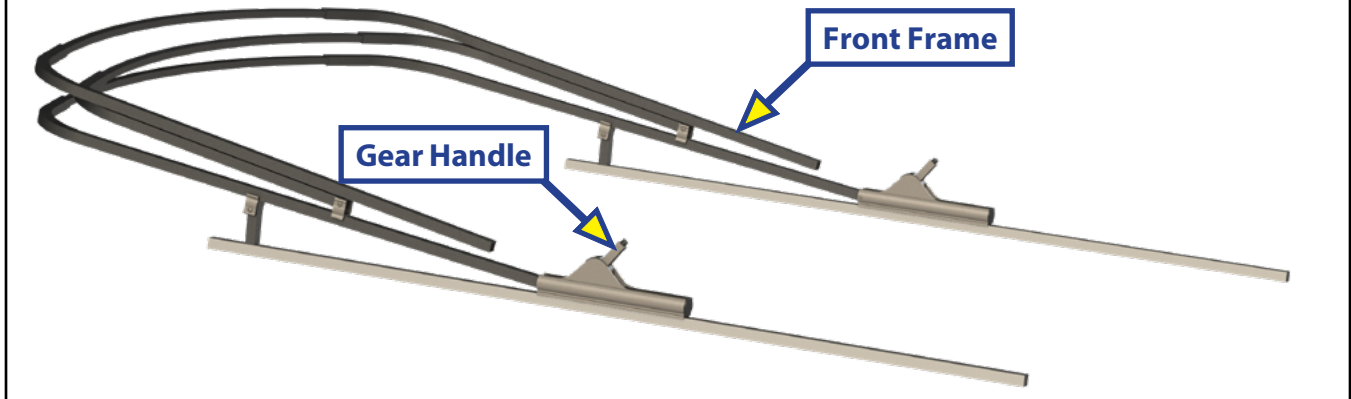
Note: Canvas not shown for clarity.



5. Place the front frame on top of the rear frame (Fig. 13).

Fig. 13

Note: Canvas not shown for clarity.



6. Zip the front canvas pockets over the loose front frame to help hold it in-place.
7. Secure the remainder of the front frame in-place with zip ties, hook-and-loop strips or with some other type of cordage.

Maintenance

Fabric Care

Use clear water to consistently hose off the bimini top fabric during the boating season.

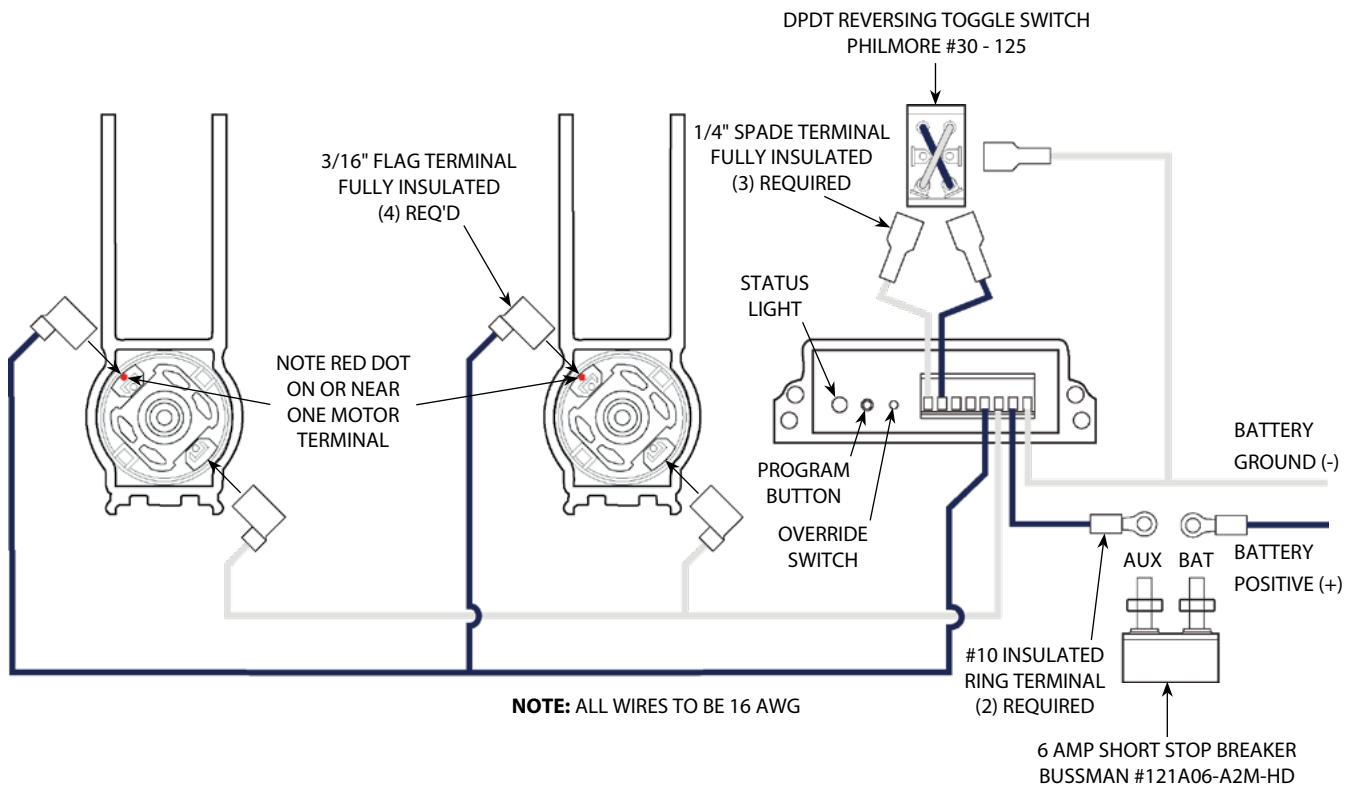
If necessary, do a deeper clean of the bimini top fabric as follows:

1. If necessary, remove the boot and place the bimini top into its full open position (Fig. 2).
2. If the top was stored wet, allow the bimini top and boot to dry.
3. Remove any loose dirt and debris from the bimini top and boot.
4. Hose down the bimini top and boot fabric.
5. Prepare a mixture of 1/4 cup of mild dish soap and five gallons of warm water.

Note: Do not use harsh detergents.

6. Use a soft bristle brush to apply the soapy water to the bimini top and boot fabric to remove stains and embedded dirt.
7. Allow the solution time to soak completely into the fabric.
8. Hose off the bimini top and boot fabric with fresh water. Repeat if necessary.
9. Allow bimini top and boot to dry before closing the top and installing the protective boot.

Wiring Diagram





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