

INITIATING THE SUREPOWER BLUETOOTH ATF-LEGACY INTELLIGENT CONTROL BOX

When initializing a legacy system, the 15-amp fuse must still be used. The 5-amp fuse can be removed.

NOTE: Prior to proceeding with initialization, nothing should be plugged into the controller.

1. Make sure nothing is plugged into the controller.
2. Remove the 5-amp inline fuse from the orange wire from the vessel's power supply.
3. Make sure the 15-amp fuse is still in place for the power supply.
4. Connect the vessel power wire connector to the controller wire connector. Observe the status LED located on the lid of the controller.
5. The status LED should flash **GREEN**. The number of flashes is determined by the length of the shade (i.e., 5 feet 5 flashes, 6 feet 6 flashes, 7 feet 7 flashes).
6. After the status LED **GREEN** flashes, the LED will flash **YELLOW** twice denoting it is programmed as a SurePower Legacy controller.

NOTE:

- If the LED flashes **YELLOW** at this step (prior to connecting either actuator), you have either an incorrectly wired rocker switch, or a stuck switch relay. **DO NOT PROCEED WITH CONNECTING ACTUATORS UNTIL YOU HAVE THE LED blinking RED 3 times.**
- If the LED stays a solid **YELLOW** at this step (prior to connecting either actuator) you do not have sufficient voltage (less than 9.4V) – the shade will not run at any voltage under 10V.

7. Observe the status LED for repeatedly flashing **RED** three times. Three **RED** flashes denote no encoders are present.
8. Connect the **GREEN** starboard wire connector from the controller to the wiring harness connector for the starboard actuator. Observe the status LED. If the connection was successful, the status LED will flash **RED** one time repeatedly.

9. Connect the **ORANGE** wire connector from the controller to the wiring harness connector for the port side actuator. Observe the status LED. If the connection was successful the status LED should be **SOLID GREEN**.

10. You will now pair the shade to your mobile device. You can find pairing instructions on the SureShade Control app or on SureShade.com under the technical documents section.

CALIBRATION PROCEDURE:

STEP 1 Using your mobile device press the Home Reset button. This will bring you to Home Reset screen. Press and hold the Home Reset button.

NOTE: The status LED will begin to flash **YELLOW**.

STEP 2 When this happens, release the Home Reset Button. At this point, you should be seeing one **YELLOW** flash.

STEP 3 Adjust the port side actuator's home position to 1 inch by using the + and – buttons on your mobile device. The + button will extend the actuator and the – button will retract.

STEP 4 Using your mobile device press the Home Reset button. This will bring you to Home Reset screen. Press and release the Home Reset button.

NOTE: The status LED should be showing two **YELLOW** flashes repeatedly.

STEP 5 Adjust the starboard side actuator's home position to 1 inch by using the + and – buttons on your mobile device. The + button will extend the actuator and the – button will retract.

STEP 6 Using your mobile device press the Home Reset button. This will bring you to Home Reset screen. Press and release the Home Reset button.

NOTE: The status LED should show three **YELLOW** flashes repeatedly.

STEP 7 Perform this step only if you need to move both actuators simultaneously. Adjust the actuators by using the + and – buttons on your mobile device. If this step is not needed, press the Home Reset button. This will bring you to Home Reset screen. Press and release the Home Reset button to exit the calibration mode.

NOTE: The status LED should be **SOLID GREEN** if the calibration was successful.

