



TAB INSTALLATION

The tab installation should be done by watching the instructional videos on our website www.gosurfassist.com. Most customers will watch the flat transom installation video, but there are some exceptions for certain boats and hulls. Each video is listed separately based on the hull design. No template is given since every mold is different. Please review the video that is recommended for your boat thoroughly before attempting your installation. If the tabs are installed improperly, the system will not perform the way it should work.

CONTROLLER WIRING

The wiring for the controller is labeled for easy installation. First, you will start by finding a suitable power source (something that can handle 25amps). NOTE: the black wire with the inline fuse goes to the power and the white wire will go to ground. We recommend wiring directly to the main cut off power (you should have a power buss and a ground buss underneath your dash). **DO NOT WIRE TO THE IGNITION SWITCH.** Mount the controller to a suitable location under the dash. Mount the gps antenna under the dash pointing up (plastic pointing up). It does not need a direct view of the sky. The gps antenna will screw directly into the top of the GSA surf controller (hand tighten only).

FACEPLATE INSTALLATION

You will use the faceplate template included in your kit to assist you in mounting the faceplate. Take your time here and use the proper size hole saws to drill the holes. Once the faceplate holes are drilled, run the controller wire from the controller to the faceplate and hook it up. Then plug them into the correct buttons left to left, etc. The potentiometer plug (wake shaper dial) will only plug in one way so do not force it the wrong way. The button connectors can be flipped 180 degrees and they will work either way.

ACTUATOR WIRING

There is 20ft of extension wire for each actuator. Run this wire from the rear down the starboard side of the boat to the dash area and plug it into the power harness (port & starboard plugs). NOTE: after you run the wire through the hull from the actuators, you will need to install the connectors on the ends of the actuator wires. The white wire will always go to pin #1 on the connector and the black wire to pin #2 and also verify that the pins are firmly snapped into the connector. The faceplate cable and the power/actuator cable have different plugs and only plug into the controller one way.

POWERING THE SYSTEM UP

Once you power the system up, the tabs will both run for 7 seconds to verify they are in the fully retracted position. On initial power up, all buttons on the faceplate will light up when the tabs are moving and then go out when the tabs stop moving. Only the reset button will remain on and be flashing meaning it is looking for gps signal (this generally takes 30-40 seconds). You might need to move your boat out of your shop the first time it tries locking onto gps signal. Once gps signal is acquired the reset light will remain solid and the system will be ready to use.

NOTE: the system will not work until gps signal is received. Refer to the controller information and system instructions pamphlet for operating instructions.

IMPORTANT KEY POINTS WHEN INSTALLING GSA

- TAKE YOUR TIME
- WATCH ALL THE VIDEOS PERTAINING TO YOUR BOAT ALONG WITH THE ELECTRICAL INSTALLATION VIDEO (www.gosurfassist.com)
- MAKE SURE YOUR RETRACTED AND DEPLOYED ANGLES ARE CORRECT
 - RETRACTED-** MINIMUM 18 DEGREES BUT WOULD PREFER THEM WITHIN 1/4 INCH FROM TOUCHING THE SWIM PLATFORM/PLATFORM BRACKETS
 - DEPLOYED-** MAXIMUM 12 DEGREES DEPLOYMENT
- MAKE SURE THAT YOUR ACTUATORS ARE NOT IN A BIND LATERLY WHEN DEPLOYING AND RETRACTING THE TABS

IF YOU ARE STRUGGLING WITH ANY OF THE ABOVE MENTIONED KEY POINTS, PLEASE GIVE GSA A CALL @ 940-782-9410.