

Lane Shark Switch Box Installation Directions

You may use the screws on the side of the switch box to mount on any accessible surface of the tractor.

Open Station Installation: If installing on an open station tractor, ALWAYS install the switch buttons facing horizontally/sideways, NEVER facing upward/toward the sky.

Cab Installation: If installing on a cabbed tractor, button orientation does not matter.

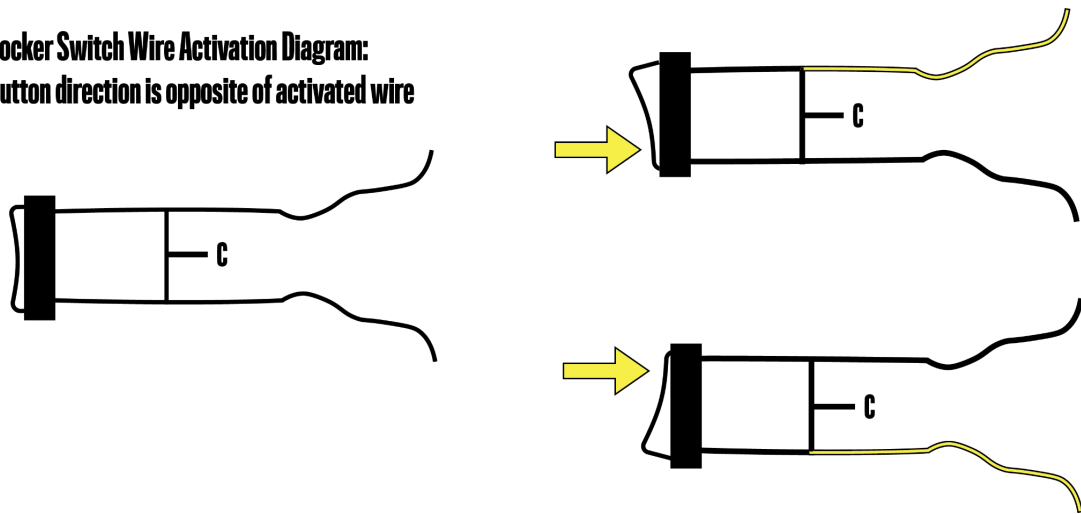
Reference the side of the switch box for condensed color coded instructions.

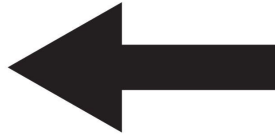
1. Make sure your tractor is turned off and your Lane Shark is disconnected
2. Mount the box in an easily accessible location and correctly oriented according to your operating station type. For open station tractors, never install the switch box with the buttons facing up toward the sky
3. Separate each wire
4. Test the seat safety switch wires to determine which one has power only when the operator is in the seat. You will tie the red switch box wire into that wire.
5. Red wire connects to the seat safety switch. Unwrap the wires in the seat safety switch, connect the red wire from the switch box to the appropriate wire on the seat safety switch. Re-wrap the wires, make sure connections are secure, and tuck/clip under the seat or in a protected area
*Some tractors may not have a seat switch wire. In which case, the red wire may be connected to any keyed-on power source.
6. Black wire is the ground. Connect the black wire from the switch box to a ring terminal. Wrap the exposed wires, make sure connections are secure, and tuck/clip in a protected area.
7. Attach the ring terminal and ground wire to a grounded bolt on the tractor chassis, a grounded bolt to the wheel well next to the switch box, or directly to the negative (-) post on the battery.
8. To make sure everything is wired properly, turn the tractor key to accessory mode and sit in the seat. The red light should illuminate on the switch.
9. Green wire connects to the 3rd function handle.** Determine a protected avenue for the green wire to travel along, such as under the floorboards, to connect to the 3rd function handle. Make sure it is wrapped, protected, and not inhibiting any movement or in the way of any element you'll need to access. It is best to hide it beneath or between structural elements on the tractor and 3rd function handle housing.
10. Remove the cover on your 3rd function handle to expose the wires
11. In order to determine which 3rd function wire the green wire will tie into, complete the following:
 - a. Connect the Lane Shark to your tractor
 - b. Power the tractor on
 - c. With the Lane Shark properly plumbed to the tractor, use the toggle/rocker switch on your joystick to determine which direction on the toggle/rocker switch gives pressure to power the Lane Shark in the correct rotation (counterclockwise)

- d. Once you have done this, turn the tractor off
 - e. Turn the key to accessory mode, while holding the same direction on the toggle/rocker switch button that initially powered the Lane Shark, use the test light provided to probe the wires and determine which one is hot when this same direction is pressed
 - f. Turn the accessory key back to the off position, and complete the 3rd function wire connection.
12. Tie the green wire from the switch box into the appropriate wire on the 3rd function joystick handle via a spade lug or solder shrink.
 13. Once the spade lug is crimped onto the two wires, give it a tug to make sure it's secure.
 14. Once all connections are secure, replace the joystick head housing.
 15. Make sure tractor is in neutral and emergency break is on
 16. Turn on tractor
 17. To operate the switch box, sit in the tractor seat, and simultaneously press both on buttons at once.
 18. Slightly lift out of the seat to determine if the seat safety switch is properly connected by ensuring the ON green lights turn off indicating the switch box has reset.

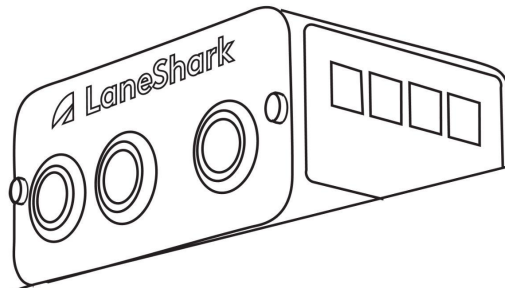
****Some 3rd function setups require you to connect directly to the 3rd function solenoid instead of directly at the the 3rd function joystick handle. To determine this, test the wire that is hot while pressing the 3rd function button that activates the lane shark to see if it is supplying 12 volts. if it is, tie in there at the handle. If not, tie in directly to the solenoid. If you need assistance with this setup, please contact us. (850) 610-2870**

Rocker Switch Wire Activation Diagram:
Button direction is opposite of activated wire



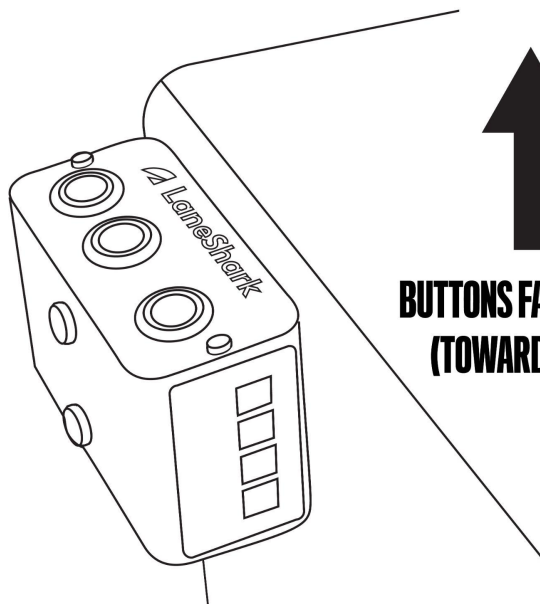


BUTTONS FACING HORIZONTAL



CORRECT FOR OPEN STATION

INCORRECT FOR OPEN STATION



**BUTTONS FACING UP
(TOWARD SKY)**