

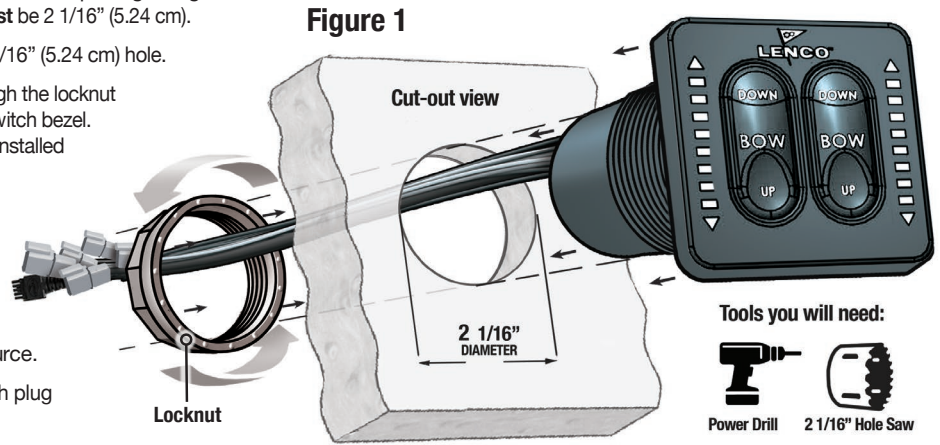


INSTALLATION INSTRUCTIONS FOR THE NEW (ALL-IN-ONE) INTEGRATED TACTILE SWITCH KITS

A. NEW INSTALLATIONS USING THE (ALL-IN-ONE) INTEGRATED TACTILE SWITCH KITS:

Instructions on this sheet pertain to part numbers:
15169-001
15170-001
15171-001

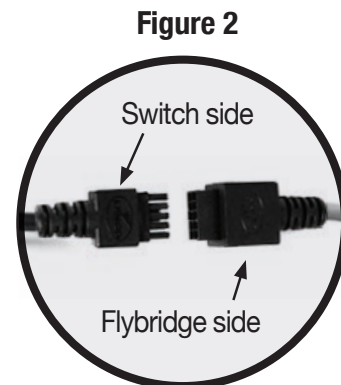
- Determine the location where the Integrated Tactile Switch will be installed. The front of the key pad must have a 2.75" (7 cm) by 2.75" (7 cm) clearance around the desired cut-out location and 4.08" (10.37 cm) clearance behind the cut-out location.
- Before cutting, make sure the area behind the desired cut-out location is clear of wires and other equipment that could be damaged. Find the center of the key pad location and cut a circular opening using a 2 1/16" (5.24 cm) hole saw. Hole diameter **must** be 2 1/16" (5.24 cm).
- Insert the new key pad and wires into the 2 1/16" (5.24 cm) hole.
- From behind the switch, feed the wires through the locknut and attach the locknut onto the back of the switch bezel. Hand tighten ensuring the switch is securely installed (see figure 1).
- Connect the RED striped wires to the port actuator extension harness(es) and GREEN striped wires to the starboard actuator extension harness(es).
- You **must** connect the orange wire to a 12/24 volt key switch or on/off power source.
- Insert the power pigtail into the DTP Deutsch plug (largest plug with red & black wires).
- Lenco Marine recommends the power pigtail be connected to a properly rated fuse or breaker:
 - 12 volt / Single Actuator System = 20 amp fuse/breaker
 - 12 volt / Dual Actuator System = 30 amp fuse/breaker
 - 24 volt / Single Actuator System = 10 amp fuse/breaker
 - 24 volt / Dual Actuator System = 20 amp fuse/breaker



NOTE: The key pad cable is a communication cable used only for second station / Flybridge applications (see figure 2).

B. REPLACING OR UPGRADING YOUR EXISTING (2-PIECE) STANDARD OR LED SWITCH KIT TO THE NEW INTEGRATED (ALL-IN-ONE) SWITCH KIT:

- Disconnect the key pad cable from the existing key pad, making sure to press the lock release on the cable's plug. Remove the nylon nuts from the 4 posts and remove key pad.
- To install the new Integrated Tactile Switch, you will need to make sure the existing key pad hole is the required 2 1/16" (5.24 cm) hole. Hole diameter **must** be 2 1/16" (5.24 cm).
- Locate the existing black control box and unplug/disconnect all wires.
- Remove the mounting hardware and existing control box.
- Insert the new key pad and wires into the 2 1/16" (5.24 cm) hole.
- From behind the switch, feed the wires through the locknut and attach the locknut onto the back of the switch bezel. Hand tighten ensuring the switch is securely installed (see figure 1).
- Connect the RED striped wires to the port actuator extension harness(es) and the GREEN striped wires to the starboard actuator extension harness(es).
- You **must** connect the orange wire to a 12/24 volt key switch or on/off power source.
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