



Tab Lights Installation Instructions for Bennett Trim Tab Systems

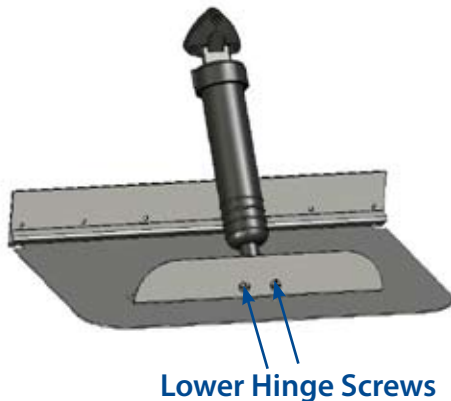
NOTE: This TAB LIGHT kit is designed for standard Bennett Marine 9" and 12" chord trim tabs, both single and dual actuator systems. If you have any technical questions about mounting the tab light, contact Bennett Marine at 954-427-1400.

SAFETY INFORMATION: MAKE SURE BATTERY POWER IS DISCONNECTED BEFORE BEGINNING THE INSTALLATION.

IMPORTANT:
PREVENT DAMAGE TO YOUR TAB LIGHT
WHEN ATTACHING THE TAB LIGHT WIRE,
YOU MUST HAVE PROPER STRAIN RELIEF.
FOLLOW **STEP 6** COMPLETELY.

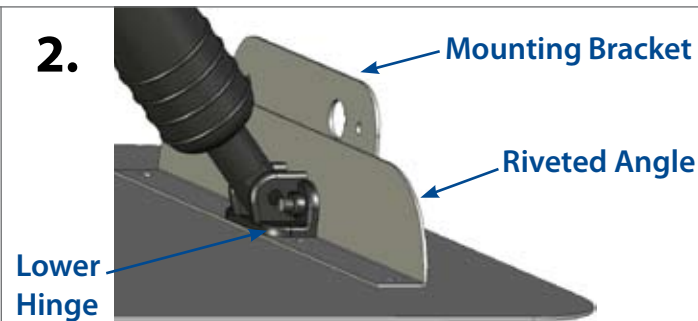
Installing the Tab Light Mounting Brackets

1.



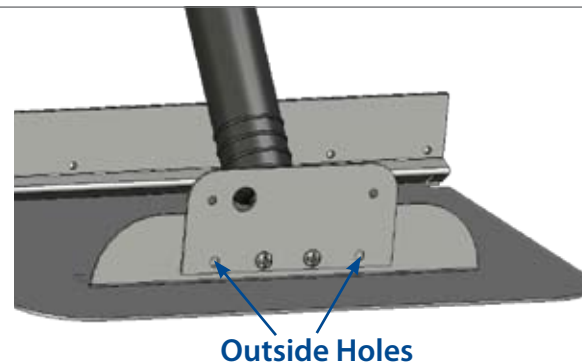
If the trim tabs are already mounted to the boat, first remove the 1/4-20 x 3/4" Philips head machine screws from the actuator lower hinge.

2.



Use the 1/4-20 x 3/4" machine screws to attach the mounting bracket to the trim tab riveted angle (12" chord) or trailing edge (9" chord) while reattaching the actuator lower hinge.

3.



Using a 9/32" drill bit, drill the outside holes of the mounting bracket.

4.



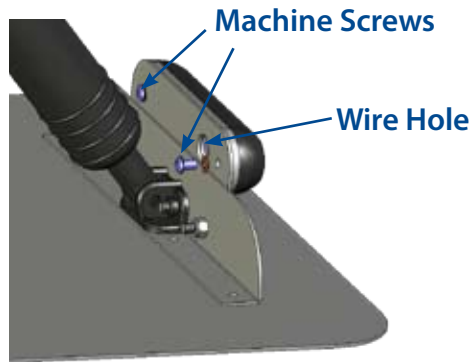
Fasten the two remaining 1/4-20 x 3/4" machine screws and nuts. There should now be four fastened screws on each mounting bracket.

Note for Dual Actuator Systems: If your trim tabs have dual actuators, such as the ST16 or ST12, you will not need the supplied nuts. Simply use the 1/4-20 x 3/4" machine screws to attach the mounting bracket directly to the lower hinges of the actuators.

Tab Lights Installation Instructions for Bennett Trim Tab Systems (cont.)

Attaching the SV-44 Lights

5.

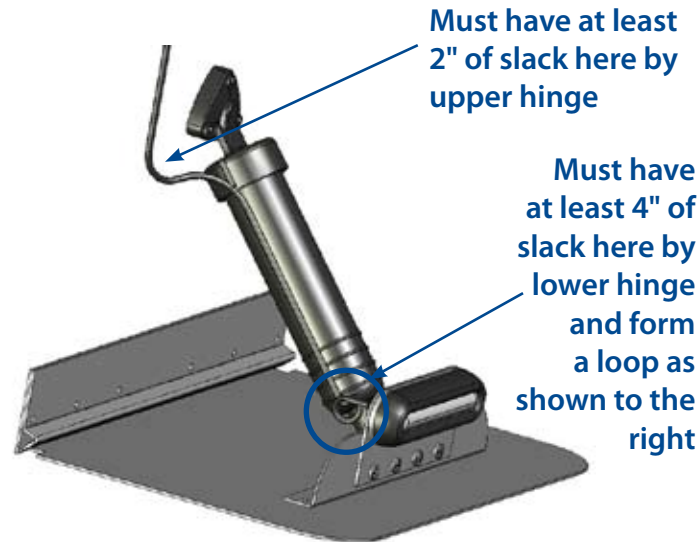


Run the wire through the wire hole in the mounting bracket.

Using the 1/4-20 x 3/8" machine screws, attach the light to the mounting bracket as shown. Secure with lock washers.

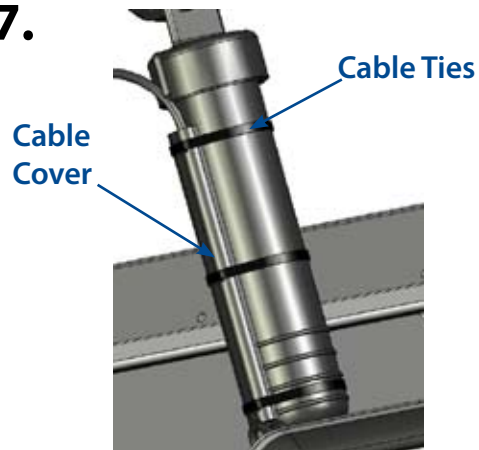
IMPORTANT: MUST ADD STRAIN RELIEF

6. Attaching Wire to Actuator



WIRE STRAIN RELIEF: When attaching the wire to the actuator, be sure and leave a **MINIMUM of 4"** of slack in the wire at the lower hinge so that it forms a loop as shown above. Leave **2"** of slack in the wire at the upper hinge. SEE IMAGES ABOVE. This is required so that when the trim tab is deflected, the wire has adequate strain relief.

7.



Use the enclosed cable ties and cable cover to secure the wire to the cylinder body of the actuator, as shown.

8. Installing the Protective Wire Clamshell Cover



IMPORTANT:

Make sure there are no obstructions on the inside of the boat before drilling the hole for the wire.

The wire must enter the boat **WELL ABOVE THE WATER LINE.**

1. Drill the hole using a 1/4" drill bit.
2. Run the wire through the hole.
3. Using the clamshell as a template, mark the three holes for drilling.
4. Place the clamshell over the wire and secure with the three screws provided. Seal with a marine grade sealant.
5. Secure the wire on the transom with cable clamps.