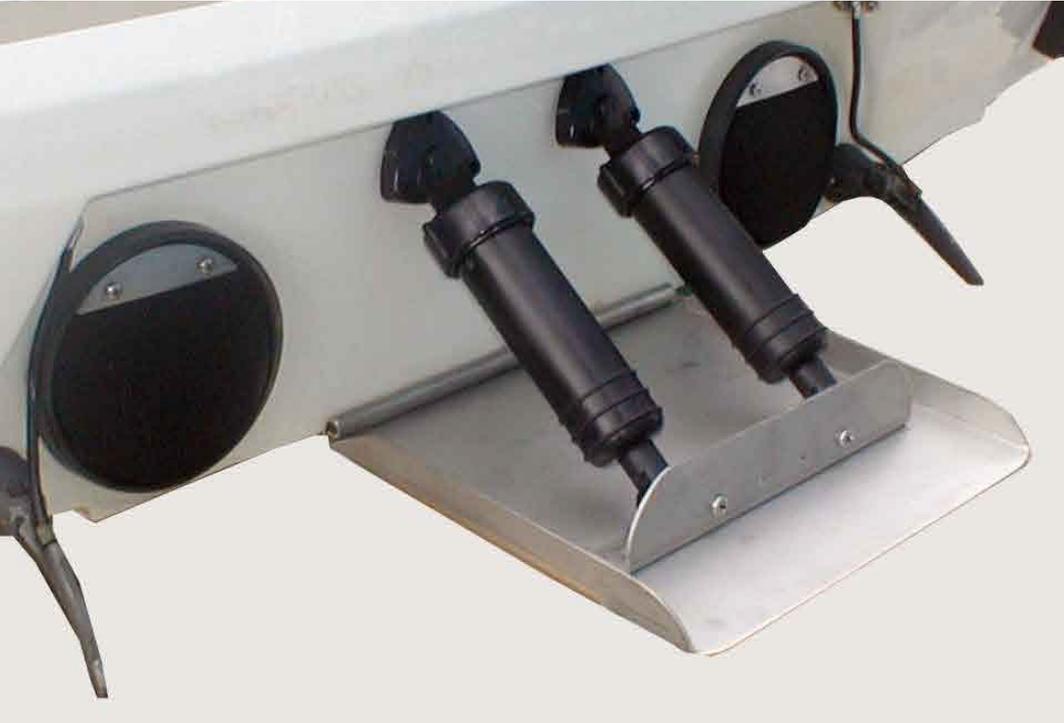


*BENNETT*



*MARINE*



# WAKE TABS

## Installation & User's Guide

**IMPORTANT SAFETY INSTRUCTIONS:** Read And Follow All Instructions. Save These Instructions.



**BENNETT MARINE**

Congratulations, you are the owner of one of the finest trim tab systems available. The Bennett Wake Tab, like Bennett Trim Tabs, will provide you with control never thought possible.

### **What the Wake Tab Will Do**

- *Control wake shape and size-from stock to pro.*
- *Bring the bow down for improved visibility and safety*
- *Plane at slower speeds & smooth out the ride*
- *Pull heavier, more riders*

If you have any questions not answered in this manual please feel free to contact us. You can visit the Bennett Marine Web site, it has a wealth of advice and information about owning & operating your trim tab system.

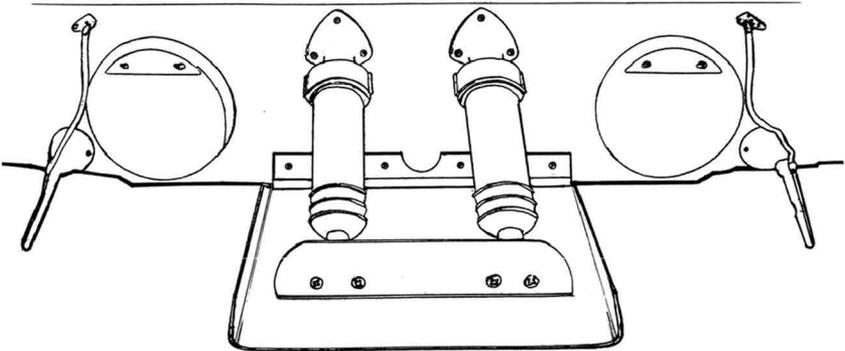
### **HYDRAULIC POWER UNIT**

- With the trim tab completely retracted, fluid level should be about 2" from bottom of reservoir (approximately 22 ounces). To fill, remove Lexan cover and filler plug located at the front left hand corner of the reservoir. **FILL WITH ANY TYPE AUTOMATIC TRANSMISSION FLUID (ATF) ONLY.** Brands or types of ATF can be mixed. Running HPU with an excess or lack of fluid will not cause damage.
- Periodically, check for clean electrical connections on back of control, HPU ground wire, and quick-disconnect plug.
- Cold temperatures do not affect the trim tab system. No winterization is necessary.

### **SAFETY INFORMATION**

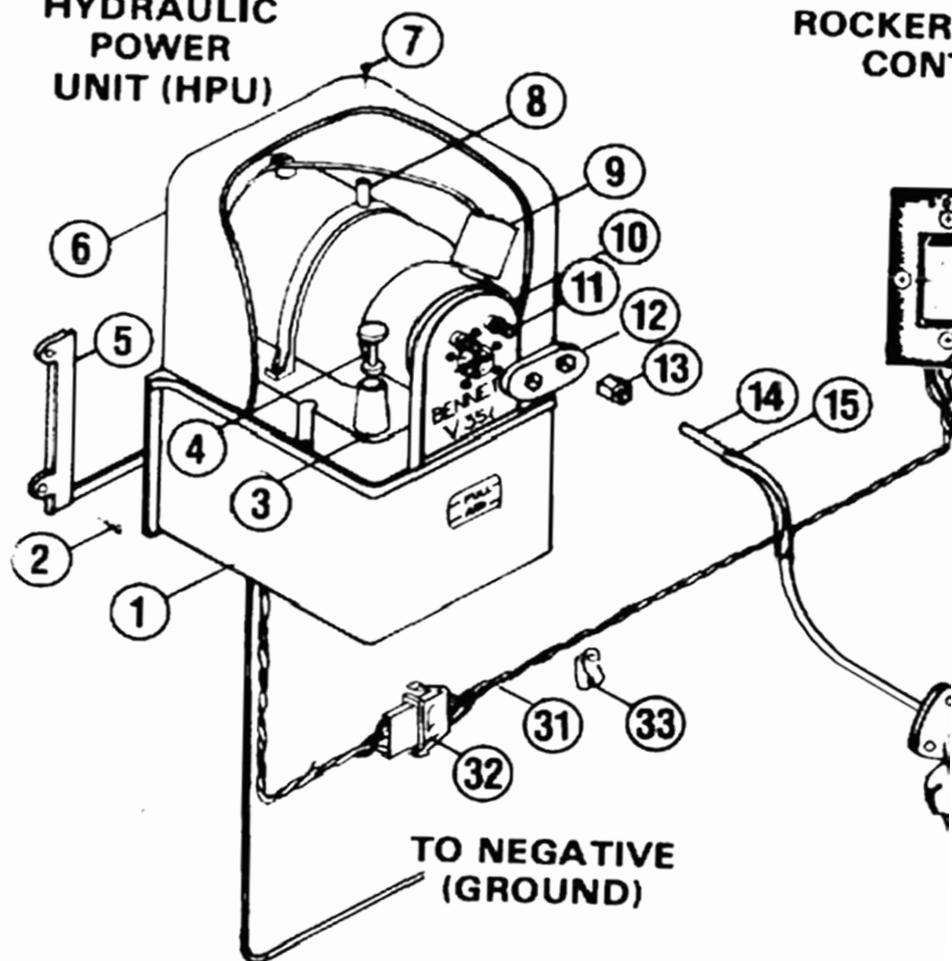
- Take immediate action to correct any malfunction or failure of your trim tabs.
- Stepping on the trim tab may cause damage to the unit, or injury.
- Make sure the HPU is mounted in a dry location to avoid drenching and consequent failure.
- Leaving the actuator extended when boat is not in use will not cause seal damage.

Diagram #	Description	Part #
1	Fluid reservoir	VP1139
2	#10 x 1" screw	H1180
3	Filler stack	----
4	Filler plug	VP1140
5	Mounting bracket for HPU	H1179
6	Lexan cover	VP1138
7	Type 25 thread cutting screw	VP1154
8	Motor strap	VP1142
9	Solenoid valve	VP1135-G (green)
10	Faceplate for HPU	VP1144
11	1/8" Pipe to 1/4" tube connector	VP1146
12	Hex retainer	VP1141
13	Nut with ferrule	T1127

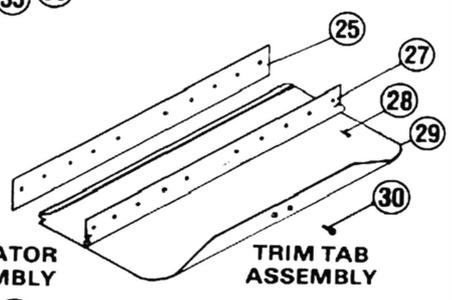
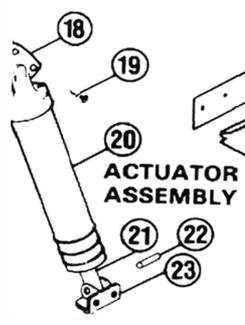
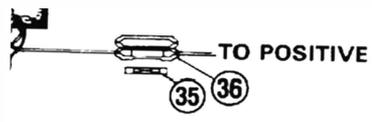


**HYDRAULIC  
POWER  
UNIT (HPU)**

**ROCKER  
CON**



# SWITCH CONTROL



## Trouble Shooting

Bennett Trim Tabs are built to rigid quality standards.

However, the marine environment is harsh. So, in the unlikely event a malfunction occurs, here is some helpful information:

1. If trim tab does nothing . . . no movement . . . no sound from HPU:

- Inspect for blown 20 amp in-line fuse in helm control's orange wire.
- Inspect for disconnected or corroded connections on HPU ground wire, orange positive wire from helm control, and quick-disconnect plug.

2. If HPU runs but trim tabs do not move:

- Inspect for disconnected or corroded red and green wire connections at helm control and quick-disconnect plug.
- The following test can be used to help isolate malfunction.

Remove wires from helm control and touch together as follows:

<u>Operation</u>	<u>Reaction</u>
Orange ( + ), blue, green	Tab down
Orange ( + ), yellow, green	Tab up

If trim tab functions in each of the above combinations, check helm control. If during this test the tab continues to malfunction, inspect HPU.

Inspect for disconnected or corroded green valve wire connections at helm control and quick-disconnect plug.

3. If trim tab goes down but will not retract:

- Inspect for low voltage of the battery. Check battery for voltage while HPU (or another accessory) is running. If voltage is less than 10 volts, valve may not open.
- Inspect for disconnected or corroded connections on helm control, and quick-disconnect plug.

This general information is not intended to be complete. Please feel free to call Bennett Marine to assist in solving situations not clarified or addressed above. Bennett Marine customer service is available to help Monday through Friday, 8am to 5pm Eastern time. (866) 894-1626

14	Hydraulic tubing (20' unless otherwise specified)	T112520
15	Tube bending clip	H1173
18	Upper hinge	A1103
19	#14 x 1-1/2" screw	H1174
20	Cylinder body	A1105
21	Piston with o-ring	A1109
22	Lower hinge pin	A1115
23	Lower hinge	A1113
25	Backing plate	varies with size
27	Hinge plate	varies with size
28	#10 x 1-1/4" screw	EH1071
29	Trim tab only	varies with size
30	1/4 - 20 x 3/4" machine screw	H1175
31	Wire harness (22' unless otherwise specified)	WH1000
32	Quick-disconnect plug	VP1143
33	Nylon hanger	H1177
35	20 amp fuse (12 volt system)	H1176
36	Fuse holder	H1178
38	Single Rocker switch control	RS1001HL



**Bennett Marine, Inc.**

 [BennettTrimTabs.com](http://BennettTrimTabs.com)

 **866-894-1626**  
M-F 8am to 5pm (EST)

 [BMI\\_Info@Yamaha-Motor.com](mailto:BMI_Info@Yamaha-Motor.com)

Get Bennett On Board, And Enjoy The Ride