

Product Catalog

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FROM SMALL...

SLT Self-Leveling Tabs for Small Boats



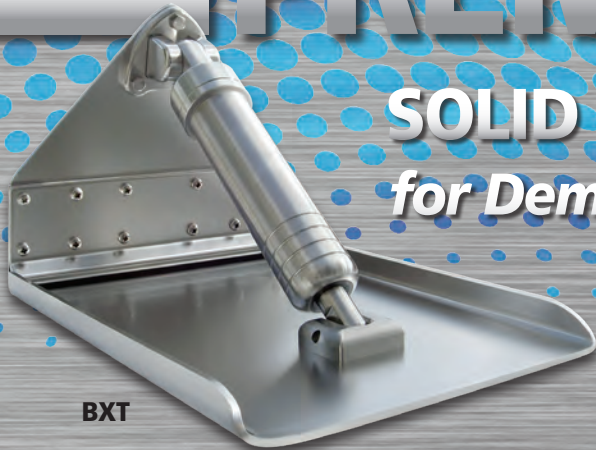
- For boats from 10 - 18 feet
- Quick and easy installation
- High-quality, superior design – *No plastic!*
- Improve fuel efficiency, plane at lower speeds and eliminate porpoising



TO BIG...

PREMIER LINE

SOLID STAINLESS STEEL
for Demanding Applications



BXT and SST Systems

- For 40- to 140-foot Motor Yachts, Military/Patrol and Sport Fishing vessels
- Single or dual stainless steel actuators, all dual acting, no exposed tubing
- 7-gauge, stainless steel, heavy duty trim planes
- Systems can retrofitted to existing vessels
- All systems fully customized

Call for a customized quotation.



General Trim Tab Sizing

Many factors affect the choice of properly sized trim tabs, and the ultimate responsibility for selection is up to the boat owner. Selection may vary based on power, engine configuration, weight distribution, type of boat, and use. When having a choice of more than one trim tab size, **the largest trim tab that will comfortably fit on the transom will be the most efficient.**

Boat Length	Engine Configuration	Tab Size (span x chord)
15' - 19'	Single I/O, Single Outboard or Inboard	12" x 9"
17' - 19'	Single Outboard	8" x 10" (M80)
19' - 24'	Single I/O, Single Outboard, or Inboard	18" x 9"
19' - 24'	Limited Transom Space or Extra Lift	12" x 12"
20' - 23'	Single I/O or Single Outboard	10" x 12" (M120)
22' - 27'	Single I/O or Single Outboard	24" x 9"
22' - 27'	Twin I/O or Twin Outboard	18" x 12"
25' - 30'	Single I/O or Outboard	30" x 9"
25' - 30'	Limited Transom Space or Extra Lift	30" x 12"
25' - 30'	Twin I/O or Twin Outboard	24" x 12"
28' - 34'	Inboard	36" x 9"
28' - 34'	Limited Transom Space or Extra Lift	36" x 12"
28' - 34'	Twin I/O or Twin Outboard	24" x 12"
32' - 38'	Inboard	42" x 9"
32' - 38'	Limited Transom Space or Extra Lift	42" x 12"
36' - 44'	Inboard	48" x 9"
36' - 44'	Limited Transom Space or Extra Lift	48" x 12"
42' x 50'	Inboard	54" x 9"
50' x 60'	Inboard	54" x 12"
60' x 65'	Inboard	60" x 12"
65' x 70'	Inboard	66" x 12"
70' x 80'	Inboard	72" x 12"

Measuring

Choose the approximate tab size for your boat using the sizing chart. Make sure the tabs will fit your transom using the diagrams below as a guideline.

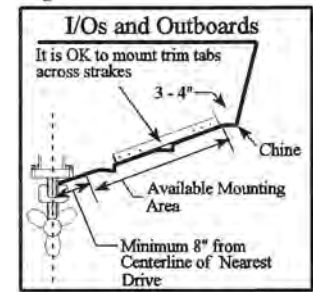
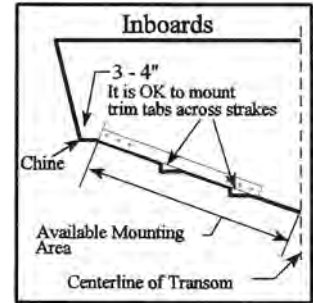
Installation Requirements

Trim tabs should follow the Vee at the junction of the transom and the bottom of the boat. For maximum side to side control, trim tabs are generally mounted 3-4" from the chine and run towards the keel.

In case of inboards, the complete run from chine to keel may be utilized if it is an unbroken span of the same angle.

Protrusions, such as strakes, may be bridged provided there is no change in angle on both sides.

On boats powered by inboard/outboards (I/O) or outboards it is necessary that the trim tabs not be placed too close (8" minimum) to the lower unit(s) to avoid disturbing the water flow to the propeller.



When to Use a 12" Chord

The 9" chord is used in most applications. However, in certain circumstances the 12" chord may be more effective:

Limited Transom Space — Boats with twin outboards or twin I/Os, or boats with transom configurations that limit trim tab span, can use 12" chord tabs to achieve maximum lift. Using the measuring guideline above, fit the maximum span tab and use the 12" chord.

Extra Lift — Slower boats (less than 15 mph), semi-displacement hulls, boats over 50 feet, outboard brackets or boats with any other feature that require the additional lift of a 12" chord. The 12" chord provides greater surface area, thereby utilizing more water flow and providing more lift.

Trim Tab Mounting

Two types of mounting hinges are available:

Transom Mount — This hinge style fits to the boat's transom and is used in the majority of applications.

Bottom Mount — Used only when transom mount is not practical, requires a flat bottom with no strakes or other protrusions.



Complete Trim Tab Kits with Euro-Style Rocker Switch Control

Decrease the time in “transition mode” between displacement and planing. Reduce fuel consumption, laboring of engines, hull stress, wake and pounding. Eliminate squatting, listing and porpoising. Increase speed and improve visibility and handling. Standard trim tab package contains two stainless steel trim tabs, two actuators, a hydraulic power unit, all necessary wiring, tubing, hardware and installation instructions. **Includes Euro-Style Rocker Switch Control.**

These sizing recommendations are based on average performance. When making a choice between trim tab sizes, remember that *the largest trim tabs that will fit on the transom will be the most efficient.*



TRIM TAB KITS

Part #	Tab Size	Boat Length	Wt.	UPC
129E	12" x 9"	15' - 19'	23	666285101605
189E	18" x 9"	19' - 24'	27	666285105603
249E	24" x 9"	22' - 27'	28	666285108604
309E	30" x 9"	25' - 30'	34	666285109601
369E	36" x 9"	28' - 34'	37	666285110607
429E	42" x 9"	32' - 38'	42	666285111604
489E	48" x 9"	36' - 44'	46	666285112601
549E	54" x 9"	42' - 50'	52	666285113608
1212E	12" x 12"	19' - 24'	27	666285121603
1812E	18" x 12"	22' - 27'	28	666285125601
2412E	24" x 12"	25' - 30'	34	666285129609
3012E	30" x 12"	25' - 30'	38	666285131602
3612E	36" x 12"	28' - 34'	44	666285133606
4212E	42" x 12"	32' - 38'	49	666285134603
4812E	48" x 12"	36' - 44'	60	666285135600
5412E	54" x 12"	50' - 60'	68	666285136607
6012E	60" x 12"	60' - 65'	80	666285137604
6612E	66" x 12"	65' - 70'	94	666285138601
7212E	72" x 12"	70' - 80'	97	666285139608

Bottom Mount Trim Tabs: Add “BM” to kit number, no extra charge
Drop Fin on 12" Chord Only: Use next size up for price (add “DF” to kit number)
Dual Actuator: Add “DA” to kit number
24 Volt System: Add “-24” to kit number

Trim Tab Kits without Control

Standard trim tab package contains two stainless steel trim tabs, two actuators, a hydraulic power unit, all necessary wiring, tubing, hardware and installation instructions.
Does not include control.



Part #	Tab Size	Boat Length	Wt.	UPC
129	12" x 9"	15' - 19'	23	666285102503
189	18" x 9"	19' - 24'	27	666285105504
249	24" x 9"	22' - 27'	28	666255108504
309	30" x 9"	25' - 30'	34	666255109501
369	36" x 9"	28' - 34'	37	666285110508
429	42" x 9"	32' - 38'	42	666285111505
489	48" x 9"	36' - 44'	46	666285112502
549	54" x 9"	42' - 50'	52	666285113509
1212	12" x 12"	19' - 24'	27	666285121504
1812	18" x 12"	22' - 27'	28	666285125502
2412	24" x 12"	25' - 30'	34	666285129500
3012	30" x 12"	25' - 30'	38	666285131503
3612	36" x 12"	28' - 34'	44	666285133507
4212	42" x 12"	32' - 38'	49	666285134504
4812	48" x 12"	36' - 44'	60	666285135501
5412	54" x 12"	50' - 60'	68	666285136508
6012	60" x 12"	60' - 65'	80	666285137505
6612	66" x 12"	65' - 70'	94	666285138502
7212	72" x 12"	70' - 80'	97	666285139509



Tournament Tab Kits

High bow on take-off, pounding, porpoising and excessive use of the engine's power trim are common factors reducing the efficiency of high-performance fishing boats. You may also find yourself needing a high throttle setting just to stay on plane. With a unique Batwing design and a high-tech, black powder-coated finish, Tournament Tabs are engineered to fit your small boat. They increase stability, versatility and overall performance, helping your boat run on plane in shallow water — even at slower speeds. Tournament Tabs are hydraulically adjustable, putting total attitude control at your fingertips.

Part #	Tab Size	Boat Length	Wt.	UPC
BT810	8" x 10"	15' - 19'	21	666285142004
BT1012	10" x 12"	18' - 22'	23	666285141007



NEW! EIC and TPI Trim Tab Combo Sets

Save 25% on the cost of an EIC5000 or TPI2000 when purchased with a Standard Trim Tab Set

Standard Trim Tab Kits with Electronic Indicator Control

Includes 20-foot blue EIC Wire Harness and 10-foot sensor wires.
For custom lengths, please contact Bennett Marine.

Part #	Tab Size	Boat Length
129EIC	12" x 9"	15' - 19'
189EIC	18" x 9"	19' - 24'
249EIC	24" x 9"	22' - 27'
309EIC	30" x 9"	25' - 30'
1212EIC	12" x 12"	19' - 24'
1812EIC	18" x 12"	22' - 27'
2412EIC	24" x 12"	25' - 30'
3012EIC	30" x 12"	25' - 30'



Standard Trim Tab Kits with Tab Position Indicator

Part #	Tab Size	Boat Length
129ETPI	12" x 9"	15' - 19'
189ETPI	18" x 9"	19' - 24'
249ETPI	24" x 9"	22' - 27'
309ETPI	30" x 9"	25' - 30'
1212ETPI	12" x 12"	19' - 24'
1812ETPI	18" x 12"	22' - 27'
2412ETPI	24" x 12"	25' - 30'
3012ETPI	30" x 12"	25' - 30'



Additional Options:

Bottom Mount Trim Tabs: Add "BM" to kit number, no extra charge

Drop Fin on 12" Chord Only: Use next size up for price (add "DF" to kit number)

Dual Actuator: Add "DA" to kit number

24 Volt System: Add "-24" to kit number



Airboat Trim Tab Kit

This 12 x 9-inch trim tab is designed specifically for use on airboats. It is constructed of rigid 12-gauge stainless steel, and it has one-inch up fins to give this tab the strength to stand up to the rigors of airboat use. Includes all the parts necessary to complete the installation: hydraulic power unit, wire harness, hydraulic tubing, and hardware are all included. The Airboat Trim Tab Kits are available with or without a Rocker Switch Control.

Part #	Description	Wt.	UPC
AIR129	Air Boat 12" x 9" Kit	23	666285114506



M80 and M120 Sport Tab Systems

Bennett's M80 and M120 Sport Tabs are ideal for trailered boats in the 17' - 23' range. Their unique Batwing design provides 30% more lift than conventional trim tabs and their space-saving design ensures easy installation on virtually any transom. Trim tab kits include two stainless steel trim tabs, two actuators, a hydraulic power unit, all necessary wiring, tubing, hardware and installation video. **Includes Euro-Style Rocker Switch Control.**

Part #	Tab Size	Boat Length	Wt.	UPC
M80	8" x 10"	17' - 20'	17	666285145500
M120	10" x 12"	20' - 23'	20	666285146606

Part #	Description	Wt.	UPC
M80EIC	M80 Sport Tabs with Electronic Indicator Control	23	666285145548
M120EIC	M120 Sport Tabs with Electronic Indicator Control	25	666285146644
M80TPI	M80 with Tab Position Indicator	22	666285145548
M120TPI	M120 with Tab Position Indicator	24	666285146637



Performance Sport Tabs

The Sport Tab series is engineered for the demands of offshore attitude correction over a wide range of water conditions. For speeds up to 60 mph. Features two heavy duty stainless steel tabs with powder-coated black finish, secured with heavy duty mounting plates and fasteners. The ST12 and ST16 Sport Tabs are deflected and held firmly in position by dual actuators on each tab. Kit also includes hydraulic power unit, and all necessary wiring, tubing and hardware. **Includes Euro-Style Rocker Switch Control.**

Part #	Tab Size	Boat Length	Wt.	UPC
ST9	12" x 9"	Below 21'	24	666285116005
ST12	12" x 12"	Below 25'	28	666285145005
ST16	12" x 16"	25' and Above	34	666285146002



SLT Self-Leveling Tabs for Small Boats

Improve Your Ride • Boost Your Boat's Performance • Quick and Easy Installation

Small is the New Big

Now you can have the durability of a Bennett trim tab system with a quick and easy installation.

There is nothing to do inside the boat — only the mounting of two actuators and two tabs at the transom. It's an affordable, simple solution for small boats from 10 to 20 ft (3 m to 6 m).

The SLT uses some of the same high-quality, proven materials and superior design used in Bennett standard hydraulic systems for more than 50 years.

Quick and easy installation — no template needed! You can change the position of the actuator with adjustable mounting options that are available on the trim tab.



SLT6

Your SLT kit includes:

- 14 gauge stainless steel tabs with Bennett's exclusive interlocking hinge
- Strong, durable actuators
- All stainless steel hardware – no plastic!
- Bennett's no-hassle 5-year warranty

Bennett SLT		
Part #	Tab Size	Boat Size
SLT6	6" x 8" (15 cm x 20 cm)	10' - 14' (3 m - 4.5 m)
SLT10	10" x 10" (25 cm x 25 cm)	14' - 20' (4.5 m - 6 m)

EXPERIENCE THE BENNETT ADVANTAGE

SLT Self-Leveling Tabs for Small Boats

550 Jim Moran Blvd.
Deerfield Beach, FL 33442
Ph: 954.427.1400 • Fax: 954.480.2897
www.BennettTrimTabs.com

How do they work?

The SLT reacts instantly to boat speed and water pressure by adding trim when it's needed. At slower speeds, when the boat is trying to get on plane, the actuators hold the trim tabs down, which lifts the stern and simultaneously puts the boat at planing attitude. On plane, and as the boat's speed increases, water pressure pushes the tabs up. You get a better ride while the SLT does all the work.

If you have a small boat, you may not need Bennett's adjustable hydraulic trim tab system. The Bennett SLT can meet your needs by giving you a better ride at a fraction of the price. It's a value that can't be beat — a quality, durable system that's quick and easy to install and backed by the best customer service you will experience anywhere.

Small Price Tag, Big Benefits!

- ✓ Plane at lower speeds
- ✓ Improve fuel efficiency
- ✓ Reduce pounding
- ✓ Improve your hole shot
- ✓ Reduce engine laboring
- ✓ Eliminate porpoising and chine walking



SLT10



BENNETT
Marine



Trim Plane Assemblies

Bennett trim planes are made of high quality 304 stainless steel and remain strong and rigid, even in the most challenging situations. Each trim plane assembly includes a trim plane, backing plate and hinge for one side of the boat.

Part #	Description	Wt.	UPC
TPA129	12" x 9" Standard (10" x 9" available)	6	666285300206
TPA189	18" x 9" Standard (14" & 16" x 9" available)	8	666285300701
TPA249	24" x 9" Standard (20" & 22" x 9" available)	9	666285301203
TPA309	30" x 9" Standard	12	666285301302
TPA369	36" x 9" Standard	14	666285301401
TPA429	42" x 9" Standard	16	666285301500
TPA489	48" x 9" Standard	18	666285301609
TPA549	54" x 9" Standard	21	666285301708
TPA1212	12" x 12" Standard	7	666285301906
TPA1812	18" x 12" Standard (14" & 16" x 12" available)	10	666285302309
TPA2412	24" x 12" Standard (20" & 22" x 12" available)	12	666285302705
TPA3012	30" x 12" Standard	15	666285302903
TPA3612	36" x 12" Standard	18	666285303108
TPA4212	42" x 12" Standard	20	666285303207
TPA4812	48" x 12" Standard	23	666285303306
TPA5412	54" x 12" Standard	26	666285303405
TPA6012	60" x 12" Standard	34	666285303504
TPA6612	66" x 12" Standard	37	666285303603
TPA7212	72" x 12" Standard	45	666285303702

Trim Plane Assemblies for Tournament Tabs

Part #	Description	Wt.	UPC
TPABT810	Trim Plane Assembly 8" x 10" for BT810	7	666285304006
TPABT1012	Trim Plane Assembly 10" x 12" for BT1012	8	666285303900
TPOBT810	Trim Plane Only 8" x 10" for BT810	5	666285308202
TPOBT1012	Trim Plane Only 10" x 12" for BT1012	6	666285308103
MPBT810	Mounting Plates for BT810	2	666285310205
MPBT1012	Mounting Plates for BT1012	2	666285310106

Trim Plane Assemblies for Sport Tabs

TPAM80	Trim Plane Assembly 8" x 10" for M80	7	666285145524
TPAM120	Trim Plane Assembly 10" x 12" for M120	8	666285146620
TPAST9	Trim Plane Assembly 12" x 9" for ST9	6	666285301807
TPAST12	Trim Plane Assembly 12" x 12" for ST12	7	666285304402
TPAST16-P	TPA 12" x 16" ST16 – Port	9	666285304501
TPAST16-S	TPA 12" x 16" ST16 – Starboard	9	666285304600

Trim Plane Only

304 grade stainless steel. Transom mount. Priced per each. Plane only.

Part #	Description	Wt.	UPC
TPO129	Trim Plane Only 12" x 9"	4	666285304808
TPO189	Trim Plane Only 18" x 9"	5	666285305003
TPO249	Trim Plane Only 24" x 9"	6	666285305201
TPO309	Trim Plane Only 30" x 9"	7	666285305300
TPO369	Trim Plane Only 36" x 9"	9	666285305409
TPO429	Trim Plane Only 42" x 9"	10	666285305508
TPO489	Trim Plane Only 48" x 9"	11	666285305607
TPO549	Trim Plane Only 54" x 9"	13	666285305706
TPO1212	Trim Plane Only 12" x 12"	5	666285305904
TPO1812	Trim Plane Only 18" x 12"	7	666285306307
TPO2412	Trim Plane Only 24" x 12"	8	666285306802
TPO3012	Trim Plane Only 30" x 12"	10	666285307007
TPO3612	Trim Plane Only 36" x 12"	13	666285307205
TPO4212	Trim Plane Only 42" x 12"	14	666285307403
TPO4812	Trim Plane Only 48" x 12"	15	666285307502
TPO5412	Trim Plane Only 54" x 12"	18	666285307601
TPO6012	Trim Plane Only 60" x 12"	24	666285307700
TPO6612	Trim Plane Only 66" x 12"	25	666285307809
TPO7212	Trim Plane Only 72" x 12"	33	666285307908

Trim Plane Only for Sport Tabs

Part #	Description	Wt.	UPC
TPOM80	Trim Plane Only for M80	5	666285145517
TPOM120	Trim Plane Only for M120	6	666285146613
TPOST9	Trim Plane Only for ST9	4	666285305805
TPOST12	Trim Plane Only for ST12	5	666285308301
TPOST16-P	TPO for ST16 – Port side	6	666285308400
TPOST16-S	TPO for ST16 – Starboard side	6	666285308509

Mounting Plates for Sport Tabs

Includes backing plate and hinge.

Part #	Description	Wt.	UPC
MPM80	Mounting plates for M-80	2	666285310212
MPM120	Mounting plates for M-120	2	666285310113
MPST9	Mounting plates for ST9	2	666285310502
MPST12	Mounting plates for ST12	2	666285310304
MPST16	Mounting plates for ST16	3	666285310403

Mounting Plates Only

Includes backing plate and hinge.

Part #	Description	Wt.	UPC
MP12	Mounting Plates for 12" tab	2	666285308707
MP18	Mounting Plates for 18" tab	3	666285308905
MP24	Mounting Plates for 24" tab	3	666285309209
MP30	Mounting Plates for 30" tab	5	666285309308
MP36	Mounting Plates for 36" tab	5	666285309407
MP42	Mounting Plates for 42" tab	6	666285309506
MP48	Mounting Plates for 48" tab	7	666285309605
MP54	Mounting Plates for 54" tab	8	666285309704
MP60	Mounting Plates for 60" tab	10	666285309803
MP66	Mounting Plates for 66" tab	12	666285309902
MP72	Mounting Plates for 72" tab	12	666285310007



A1101A

Bennett Actuator Assemblies and Parts

Bennett actuators are strong but flexible nylon/fiberglass hydraulic cylinders. The piston-like arms push tabs into position. Fluid flows through a concealed hole in the upper hinge at the top of the actuator — thus eliminating external hoses subject to damage.

- A1101A is the standard.
- A1101EX is an external line connection actuator used in cases of total inaccessibility inside the transom. Unlike the standard actuator, the external line hydraulics enter the transom by means of external tubing above the waterline.
- A1200S is designed for installations where space is limited.

Part #	Description	Wt.	UPC
A1101A	Actuator Assembly	2	666285314500
A1101EX	Actuator Assembly – External Line	2	666285314906
A1103	Upper Hinge	1	666285315101
A1103EX	Upper Hinge – External Line	1	666285315200
A1113	Lower Hinge	1	666285315606
A1114	Lower Hinge with Pin	1	666285315705
A1115	Lower Hinge Pin	1	666285315804
A1200S	Actuator Assembly – Small Version	1	666285316405
A1200SRC (NEW)	Actuator Assembly – Small Version for M80 & M120 (w/ Rivet Clearance on Lower Hinge)	2	666285316450



A1200SRC



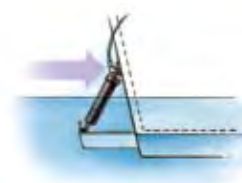
A1114



A1103



A1200S



A1101EX



Euro-Style Rocker Switch Control

This control is ergonomically designed, water resistant and provides a positive “click” when the trim tabs are engaged. Its lock-out feature prevents user from pressing down on opposite directions at the same time. The control is easy to install, fitting into any existing Bennett 2 ½-inch Rocker Switch hole.

Part #	Description	Wt.	UPC
ES2000	Euro-Style Waterproof Rocker Switch	1	666285317051
ES2000A	Euro-Style Waterproof Rocker Switch for Bridge (w/ 20' wire harness)	2	666285317150



Lock-Out Rocker Switch Control

This lock-out control is water resistant and provides a positive “click” when the trim tabs are engaged. The lock-out function prevents user from pressing down on opposite directions at the same time.

Part # LS3000 — Special Order Only



Electronic Indicator Control

Three features combined into one sophisticated control — the popular Bennett rocker switch control, trim tab indicator and the Auto Tab Retractor. Water resistant, highly accurate and features variable intensity LEDs for night or day. Features a relay module mounted near the transom, which simplifies installation by reducing the number of wires to run to the helm.

**SAVE 25% WITH
TRIM TAB COMBO SETS -
SEE INSERT FOR DETAILS**

Part #	Description	Wt.	UPC
EIC5000	Electronic Indicator Control Kit	5	666285222300
EIC5000A	EIC Kit with Bridge Control	6	666285222348
EIC001	EIC Control/Display	1	666285222355
EIC101	EIC Relay Module 12V	1	666285222362
EIC102	EIC Relay Module 24V	1	666285222379
EIC201	EIC 20' Wire Harness	2	666285222386
EIC301	EIC 4' Wire Harness	0.5	666285222393
EIC401	EIC Power Pigtail Pack	0.5	666285222409
EIC501	EIC Hardware Pack	0.5	666285222416
EIC20125	EIC Wire Harness 25 Feet	2	666285222423
EIC20130	EIC Wire Harness 30 Feet	3	666285222430
EIC20135	EIC Wire Harness 35 Feet	3	666285222447
EIC20140	EIC Wire Harness 40 Feet	3	666285222454



Auto Tab Control

Interacts directly with your trim tab system to automatically monitor and maintain the perfect cruising attitude. Calculating more than a thousand attitude readings per second, the newly redesigned ATC adjusts trim tabs to changes in vessel speed, sea conditions and shifting weight. Result is an optimum ride and significant fuel savings.

Part #	Description	Wt.	UPC
AC3000	Auto Tab Control Kit	4	666285200100



Tab Position Indicator

Attractive, compact, water resistant and easy to install. The TPI helm display accurately shows deflection percentage of each trim tab, and the LED brightness is adjustable for any lighting condition. Works with all Bennett Trim Tabs.

SAVE 25% WITH TRIM TAB COMBO SETS - SEE INSERT FOR DETAILS

Part #	Description	Wt.	UPC
TPI2000	Tab Position Indicator	3	666285222003



NMEA 2000 Indicator Kit

See the position of your trim tabs on your NMEA 2000 compatible multi-function display or gauge, GPS/chartplotter or sonar. (Display not included in kit.) One-year warranty. The kit comes with Bennett Trim Tab upper hinges with sensors and the NMEA1 Module to connect the Bennett sensors to your electronics. **IMPORTANT: Contact your electronics manufacturer first to verify compatibility.**

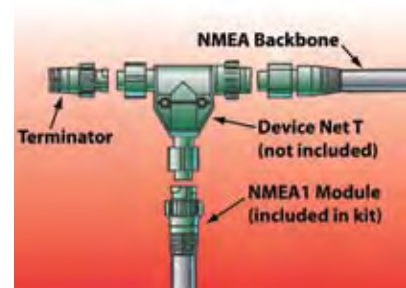
Part #	Description	Wt.	UPC
NMEA1	NMEA 2000 Indicator Kit	2.5	666285222010



Screw on the new upper hinge with sensor.



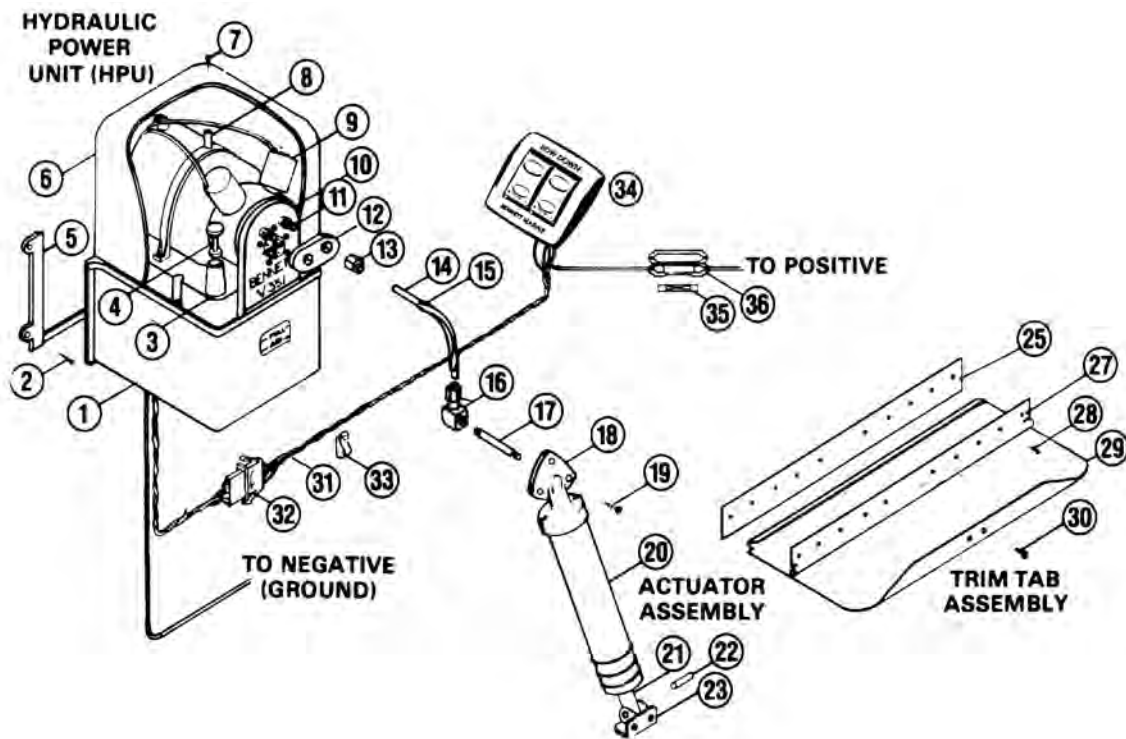
Drill hole for sensor wire.



Connect to NMEA 2000 Cable.

Part #	Description	Wt.	UPC
CC3003-P	Actuator Upper Hinge with Coil – Port (red)	1	666285333006
CC3003-S	Actuator Upper Hinge with Coil – Starboard (green)	1	666285333105

CONTROLS/INDICATORS



REPLACEMENT PARTS

Diagram #	Part #	Description	UPC
1	VP1139	Fluid Reservoir	666285323304
2	H1180	#10 x 1" Full Threaded Screw (HPU mounting bracket fastener)	666285327203
4	VP1140	Filler Plug	666285323403
5	H1179	Mounting Bracket for HPU	666285327104
6	VP1138	Lexan Cover	666285323205
7	VP1154	#8 x 3/4" Phil Pan Sheet Metal Screw (Lexan Cover Fastener)	666285324103
8	VP1142	Motor Strap	666285323601
9	VP1135R	Solenoid Valve - Red Wire	666285322802
9	VP1135G	Solenoid Valve - Green Wire	666285322406
13	T1127	Nut with Ferrule	666285328408
14	T1125-20	Hydraulic Tubing - 20 foot coil (Longer Tubing Available \$1.83 Ft Over 20')	666285327807
15	H1173	Tube Bending Clip	666285326503
16	H1172	Female Elbow	666285326305
17	H1171-3	Pipe Nipples - 3"	666285325902
		Pipe Nipples - 2", 4", and 5"	
19	H1174	#14 x 1-1/2" Full Threaded Screw (Upper Hinge Fastener)	666285326602
28	EH1071	#10 x 1-1/4" Full Thread Screw (Trim Tab to Transom Fastener)	666285325001
30	H1175	1/4-20 x 3/4" Machine Screw (Lower Hinge Fastener)	666285326701

Diagram #	Part #	Description	UPC
31	WH1000	Wire Harness – 22 feet (Longer Harnesses Available \$1.50 Ft Over 35')	666285319109
33	H1177	Nylon Hangers	666285326909
34	ES2000	Euro-Style Rocker Switch	666285317051
35	H1176	20 Amp Fuse	666285326800
36	H1178	Fuse Holder	666285327005

Other Hardware

Part #	Description	UPC
T1126	Brass Line Tee Fitting	666285328309
H1170A	Hardware Pack (Trim Tab Hydraulic Hardware)	666285325308
H1170B	Dual Actuator Hardware Pack	666285325605



Hydraulic Power Unit

A compact powerhouse that creates hydraulic pressure to lower and raise the trim tabs. It employs two solenoid valves to direct the flow of fluid to the actuators. The solenoid valves lock tightly to secure the tabs in place. Strength to lower and hold even the largest tabs in place. Lexan cover protects electro-hydraulic unit from occasional wash down and translucent reservoir allows fluid check at a glance. *Mounting bracket sold separately (# H1179). HPU measures 4" x 7 1/2" x 5 1/2". Uses automatic transmission fluid. Includes pump, solenoid valves, reservoir and cover.*

Part #	Description	UPC
V351HPU1	Hydraulic Power Unit – 12 Volt	666285321607
V351HPU2	Hydraulic Power Unit – 24 Volt	666285321904
DAHPU	Dual Acting Hydraulic Power Unit	666285321201



Auto Tab Retractor

Automatically retracts tabs when boat's ignition is turned off. Trailered or dry storage boats have added defense from trim tab damage with them "full-up" during hauling, trailering and storage. Ensures trim tabs are all the way up every time boat is started if boat is not equipped with trim tab indicators. Easily installed under the instrument panel, the ATR connects to the trim tab control and engine ignition switch.



Part #	Description	Wt.	UPC
AR512	Auto Tab Retractor 12 Volt	1	666285220009
AR524	Auto Tab Retractor 24 Volt	1	666285221006

PARTS/PUMP/ATR

Bennett Hatch Lifters

Using proven hydraulic technology, Bennett Hatch Lifter Systems raise hatches at the push of a button. The operation is quiet, smooth and responsive with no cylinder drift.

Retrofit Hatch Lifting Systems can be operated by the Trim Tab Hydraulic Power Unit. Kits are complete with all necessary hardware, tubing and fittings for simple Hatch Lifter installations.

Independent Systems include the Trim Tab Hydraulic Power Unit. **Independent Dual Acting Systems** also available for applications that need a return "pull and hold" feature.



Hatch Lifter cylinder features:

- Single cylinder has about 250 lbs. of vertical lifting capability
- 3/4-inch diameter stainless steel shaft, inside a black anodized aluminum cylinder
- Standard stroke is 18 inches with 12- and 24-inch strokes also available
- Dual cylinder systems can move simultaneously or independently

Part #	Description	Wt.	UPC
HL1000181	Retrofit Kit – 18" Single Cylinder	8	666285401811
HL2000181	Retrofit Kit – 18" Dual Cylinder Simultaneous Movement	11	666285402818
HL3000181	Retrofit Kit – 18" Dual Cylinder Independent Movement	12	666285403815
HL1351181	Independent Kit – 18" Single Cylinder	12	666285404812
HL2351181	Independent Kit – 18" Dual Cylinder Simultaneous Movement	15	666285405819
HL3351181	Independent Kit – 18" Dual Cylinder Independent Movement	16	666285406816
HL1351DA181	Ind. Kit Dual Acting - 18" Single Cylinder	15	666285407813
Note	Price Reduction Per Cylinder for 12" Stroke		
Note	Price Add-on Per Cylinder for 24" Stroke		
DAHPU	Dual Acting Hydraulic Power Unit	9	666285321201
HL1000HB	Hatch Lifter Hardware Pack for HL1000	1	666285329306
HL12M	2 Valve Manifold – 12 Volt	2	666285330104
HL12M4	4 Valve Manifold – 12 Volt	2	666285330203
HL12C	Cylinder Only 12" Stroke	3	666285329900
HL12CDA	Cylinder Only 12" Stroke - Dual Acting	3	666285330005
HL18C	Cylinder Only 18"	3	666285330302
HL18CDA	Cylinder Only 18" Stroke – Dual Acting	3	666285330401
HL24C	Cylinder Only 24"	4	666285330500
HL24CDA	Cylinder Only 24" Stroke – Dual Acting	4	666285330609
MKHL1000	Cylinder Mounting Kit	1	666285329405
RS1001HL	Single Rocker Switch with Bezel	1	666285329603

Lenco to Bennett Conversion Kit

Economical, easy installation alternative to replacing Lenco actuator or purchasing an entire trim tab system. Uses existing Lenco trim planes. No need to patch or re-drill mounting holes.



Kit Includes:

- Custom adapter plates for actuator and trim plane assembly
- Bennett Hydraulic Power Unit
- Two standard actuators
- Water resistant Rocker Switch Control, hardware and all wiring

Boat Leveler Conversion Kit

Bennett Marine's V351CK conversion kit replaces Boat Leveler cylinders with the patented Bennett through-hull fittings. Kit includes two hydraulic cylinders and all hardware to convert your system: (2) stainless steel conversion brackets, (8) 1/4-20 x 1/2 machine screws, (4) 1/4-20 x 3/4 wood screws, (2) 3" pipe nipples, (2) female barb fittings, and (2) actuators.

Part #	Description	Wt.	UPC
V351LK	Lenco to Bennett Conversion Kit	13	666285328750
V351CK	Boat Leveler to Bennett Actuator Conversion Kit	7	666285328705



Interrupter Relay

Not required for new standard controls — Euro-Style Rocker Switch Control (ES2000) and Lock-out Rocker Switch Control (LS3000). This optional accessory was designed for older controls (RS1000 and RT1000 only). It prevents the fuse from blowing when Bow Down and Bow Up are inadvertently pressed at the same time.

Part # IR1000
Discontinued - Special Order Only
2012 Retail Price: \$35.00



Relay Module

A Relay Module reduces voltage drop in Trim Tab Systems with longer wire runs. With the older trim tab controls, RT1000 and RS1000, the Relay Module also functions as an Interrupter Relay and will prevent a fuse from blowing if Bow Down and Bow Up are inadvertently pressed at the same time.

Part #	Description	Wt.	UPC
RM12	Relay Module 12 V	0.5	666285320402
RM24	Relay Module 24 V	0.5	666285350508

ADDITIONAL PRODUCTS

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Deerfield Beach, FL 33442

Phone 954.427.1400

Fax 954.480.2897

www.BennettTrimTabs.com