



EXCEPTIONAL TRIM TAB SYSTEMS. UNMATCHED RELIABILITY

Hydraulic & electric systems for boats across the spectrum



Benefits you can Quality you can

For over half a century, boaters have enjoyed the tangible benefits of Bennett Marine's exceptionally durable and dependable marine products.

We're proud to say that boaters trust our brand. After all, we invented the world's first adjustable trim tab—and we've never stopped pushing forward, always striving to make better, more affordable systems with maximum performance. Experience the benefits—get Bennett on board and enjoy the ride!

Reduce bow rise, plane faster, correct listing.

BENNETT

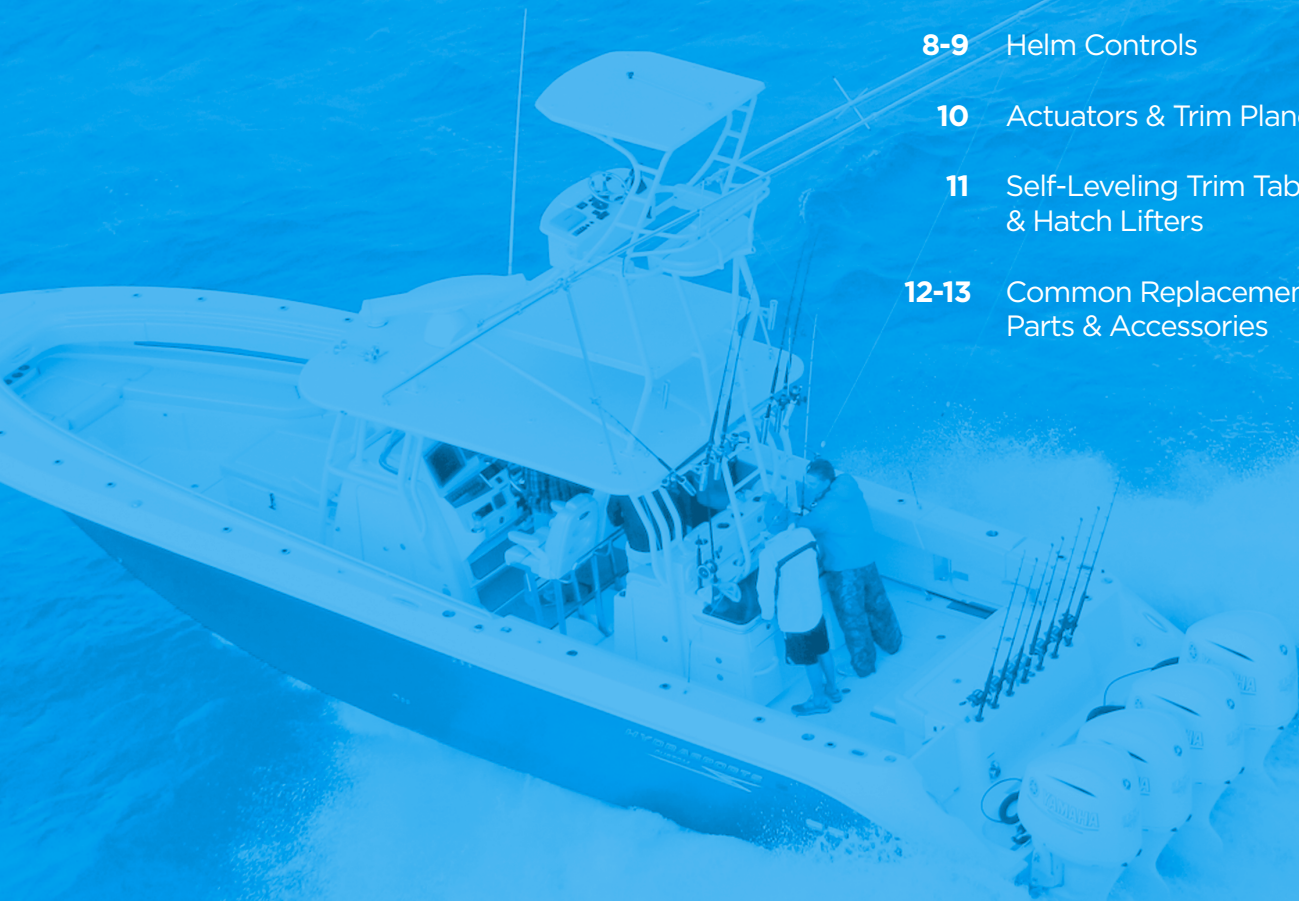


MARINE

an feel n trust

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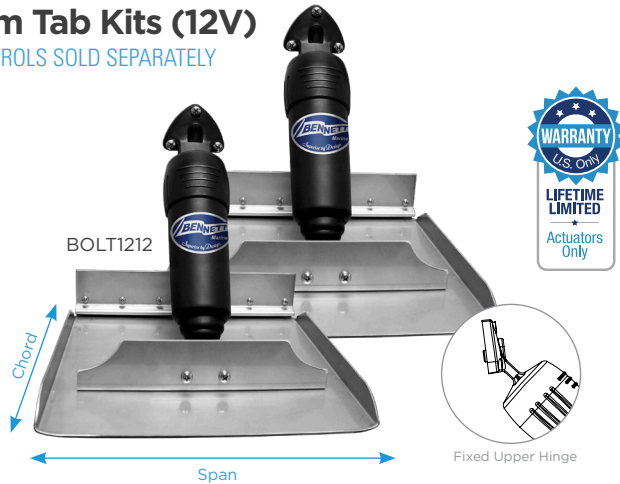
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BOLT Electric Trim Tab Kits (12V)

CONTROLS SOLD SEPARATELY



Balance loads, plane faster, increase efficiency and performance with Bennett BOLT Electric Trim Tab systems, built to outlast any electric trim tab system on the market.

Kits Include:

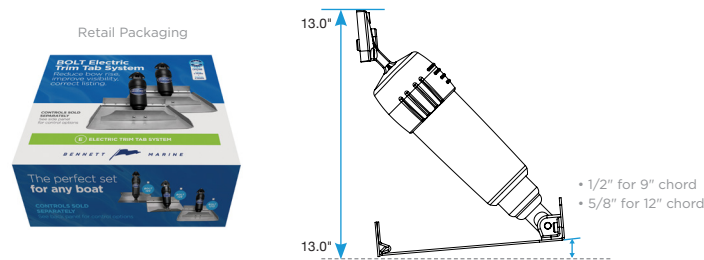
- (2) 12-volt fixed upper hinge actuators with 6-ft. wire harnesses and waterproof connectors (BEA2000)
- (2) Stainless steel trim planes (tabs) and mounting plates
- (2) 20-ft. wire harnesses with waterproof connectors (BAW2020)

| PN# | SPAN/CHORD | *TAB | RETAIL BOX |
|-----------|-------------------|------|------------|
| BOLT124 | 12"x4" | (P) | ✓ |
| BOLT129 | 12"x9" | (T) | ✓ |
| BOLT189 | 18"x9" | (T) | |
| BOLT249 | 24"x9" | (T) | |
| BOLT1212 | 12"x12" | (R) | ✓ |
| BOLT1812 | 18"x12" | (R) | |
| BOLT2412 | 24"x12" | (R) | |
| * BOLTBLT | Tabs not included | | |

* BOLTBLT Sets include the same items, less tabs

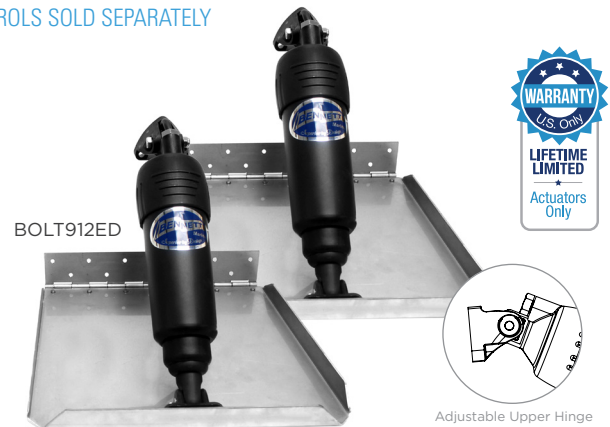
Features Include:

- Completely sealed upper hinge with no exposed wires
- Superior seal design inspired by over 50 years of Bennett's proven success in actuator manufacturing excellence



BOLT Electric - Edge Mount Limited Space Trim Tab Kits (12V)

CONTROLS SOLD SEPARATELY



Designed with an adjustable upper hinge for transoms with limited vertical space. Tabs turn up for added strength and feature piano-hinged backing plates.

Kits Include:

- (2) 12-volt adjustable upper hinge actuators with 6-ft. cables and waterproof connectors (BEA3000)
- (2) Stainless steel trim planes (tabs) and mounting plates
- (2) 20-ft. wire harnesses with waterproof connectors (BAW2020)

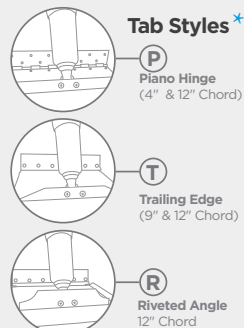
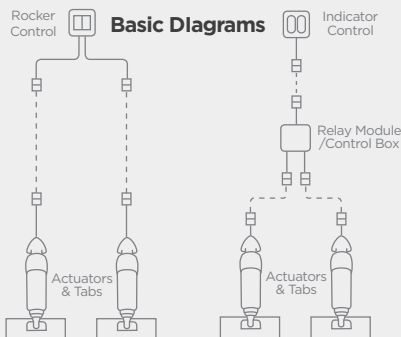
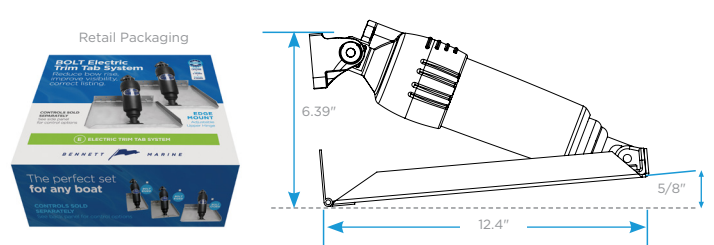
| PN# | SPAN/CHORD | *TAB | RETAIL BOX |
|------------|------------|------|------------|
| BOLT612ED | 6"x12" | (P) | ✓ |
| BOLT912ED | 9"x12" | (P) | ✓ |
| BOLT1212ED | 12"x12" | (P) | ✓ |

* BOLTBLTADJ Tabs not included

* BOLTBLTADJ Sets include the same items, less tabs

Features Include:

- Requires less than 6.5" of vertical transom space to install
- Superior seal design inspired by over 50 years of Bennett's proven success in actuator manufacturing excellence



Helm Control Options (Sold separately)

See page 8 for detailed control information



Lenco-to-BOLT Upgrade Conversion Kit (12V)

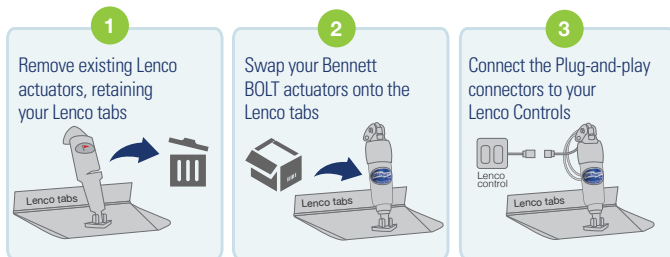
CONTROLS & TABS SOLD SEPARATELY



This kit includes everything necessary for a cost-effective, quick, and easy upgrade from Lenco actuators to Bennett's exceptionally durable and dependable actuators. Bennett electric actuators are built to last, backed by a lifetime limited warranty.

- Works with Lenco "Standard Mount," "Standard Performance," and "Edge Mount" systems
- * Plug-and-play connection to your existing standard Lenco controls
- Simply replace the Lenco actuators with Bennett BOLT actuators using the existing drill holes
- Easy installation with no new holes to drill. Keep your existing trim tabs.
- Actuator lifetime limited warranty

| PN # | DESCRIPTION |
|-----------|--|
| BOLTLKCON | Lenco-to-BOLT Upgrade Kit (Controls & tabs not included) |



Bennett Hydraulic-to-BOLT Electric Conversion Kit (12V)

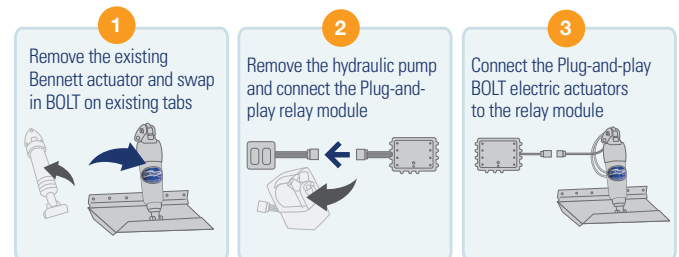
CONTROLS & TABS SOLD SEPARATELY



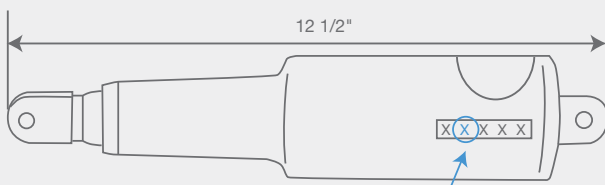
All you need for a quick and easy conversion from Bennett hydraulic actuators to Bennett BOLT electric actuators. BOLT actuators are exceptionally durable and dependable, backed by a lifetime limited warranty.

- Quick and easy conversion from standard Bennett hydraulic single actuator systems (A1101A & A1101ARC), using your existing wiring, rocker switch, and trim tabs
- No rewiring or drilling of new holes required
- Plug-and-play connection to your existing standard Bennett Rocker Switch (ES2000 and LS3000)
- Equipped with auto tab retraction and diagnostics relay module
- Actuator lifetime limited warranty

| PN # | DESCRIPTION |
|------------|---|
| HYDBOLTCON | Hydraulic-to-BOLT Conversion Kit |
| BOLTBLT | BOLT Kit with Fixed Upper Hinges (Relay Module not included) |
| BOLTBLTADJ | BOLT Kit with Adjustable Upper Hinges (Relay Module not included) |



* Determining compatibility with your existing Lenco actuators



* Bennett Lenco-to-BOLT Upgrade Conversion Kit is compatible with Lenco "Standard Mount," "Standard Performance," and "Edge Mount" systems. To determine whether your Lenco actuators meet the compatibility requirements, locate the identification stamp (available since approximately May 2008). The actuator type is indicated by the second number in the 5-digit code. Lenco actuators with "A," "B," or "G" indicated as the second digit in the 5-digit code sequence are compatible with the Bennett Lenco-to-BOLT Upgrade Kit. Short stroke Lenco actuators (11-3/8" and 10-7/8" actuator length), or long stroke Lenco actuators (14" and 13" actuator length) are NOT compatible.



Standard Hydraulic Trim Tab Kits & Sport Limited-Space Kits (M80/M120)



Hydraulic trim tabs are known for power, precision, and durability. Get the most from your boat, no matter what the load, speed, or sea conditions. Using the helm control, you can adjust the tabs individually or in unison to create the perfect cruising attitude. Increase speed and fuel economy, smooth a rough ride, and get on plane faster.

Kits Include:

- (2) Trim plane assemblies
- (2-4) Hydraulic actuators (A1101A)
- (1) Hydraulic power unit (V351HPU1)
- Hydraulic tubing and hardware
- Optional helm control (See below)

Features Include:

- Get on plane fast, and stay on plane at intermediate speeds
- Correct listing and uneven loads
- Improve visibility and safety
- Reduce pounding and eliminate porpoising
- Low maintenance, long-term value, and ease of service
- Exclusive transom mount interlocking tab design
- Sport batwing option (M80/M120) provides 30% more lift for limited-space installations
- Bottom and piano hinge mounts are available for custom order

Retail Packaging



Kits without Control Included

| PN# | SPAN/CHORD | *TAB | *ACT. | RETAIL BOX |
|------|------------|------|-------|------------|
| 129 | 12"x9" | T | ✓ | ✓ |
| 189 | 18"x9" | T | ✓ | ✓ |
| 249 | 24"x9" | T | ✓ | ✓ |
| 309 | 30"x9" | T | ✓ | |
| 369 | 36"x9" | T | ✓ | |
| 429 | 42"x9" | T | ✓ | |
| 489 | 48"x9" | T | ✓ | |
| 549 | 54"x9" | T | ✓ | |
| 1212 | 12"x12" | R | ✓ | ✓ |
| 1812 | 18"x12" | R | ✓ | ✓ |
| 2412 | 24"x12" | R | ✓ | |
| 3012 | 30"x12" | R | ✓ | |
| 3612 | 36"x12" | R | ✓ | |
| 4212 | 42"x12" | R | ✓ | |
| 4812 | 48"x12" | R | ✓ | |
| 5412 | 54"x12" | R | ✓ | |
| 6012 | 60"x12" | R | ✓ | |
| 6612 | 66"x12" | R | ✓ | |
| 7212 | 72"x12" | R | ✓ | |

*Actuators per tab

Complete Kits with Rocker Control



| PN# | SPAN/CHORD | *TAB | *ACT. | RETAIL BOX |
|-------|------------|------|-------|------------|
| M80 | 8"x10" | S | ✓ | ✓ |
| M120 | 10"x12" | S | ✓ | ✓ |
| 129E | 12"x9" | T | ✓ | ✓ |
| 189E | 18"x9" | T | ✓ | ✓ |
| 249E | 24"x9" | T | ✓ | ✓ |
| 309E | 30"x9" | T | ✓ | |
| 369E | 36"x9" | T | ✓ | |
| 429E | 42"x9" | T | ✓ | |
| 489E | 48"x9" | T | ✓ | |
| 549E | 54"x9" | T | ✓ | |
| 1212E | 12"x12" | R | ✓ | ✓ |
| 1812E | 18"x12" | R | ✓ | ✓ |
| 2412E | 24"x12" | R | ✓ | |
| 3012E | 30"x12" | R | ✓ | |
| 3612E | 36"x12" | R | ✓ | |
| 4212E | 42"x12" | R | ✓ | |
| 4812E | 48"x12" | R | ✓ | |
| 5412E | 54"x12" | R | ✓ | |
| 6012E | 60"x12" | R | ✓ | |
| 6612E | 66"x12" | R | ✓ | |
| 7212E | 72"x12" | R | ✓ | |

*Actuators per tab

Complete Kits with Electronic Indicator



| PN# | SPAN/CHORD | *TAB | *ACT. | RETAIL BOX |
|---------|------------|------|-------|------------|
| M80EIC | 8"x10" | S | ✓ | ✓ |
| M120EIC | 10"x12" | S | ✓ | ✓ |
| 129EIC | 12"x9" | T | ✓ | ✓ |
| 189EIC | 18"x9" | T | ✓ | ✓ |
| 249EIC | 24"x9" | T | ✓ | ✓ |
| 1212EIC | 12"x12" | R | ✓ | ✓ |
| 1812EIC | 18"x12" | R | ✓ | ✓ |
| 2412EIC | 24"x12" | R | ✓ | |

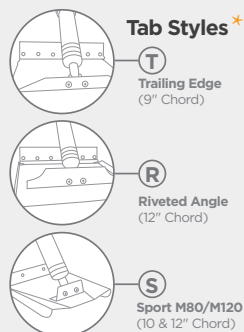
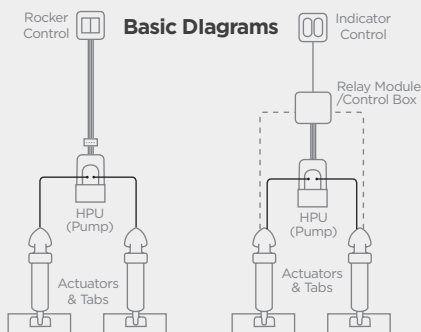
*Actuators per tab

Complete Kits with AutoTrim Pro



| PN# | SPAN/CHORD | *TAB | *ACT. | RETAIL BOX |
|---------|------------|------|-------|------------|
| M80ATP | 8"x10" | S | ✓ | ✓ |
| M120ATP | 10"x12" | S | ✓ | ✓ |
| 129ATP | 12"x9" | T | ✓ | ✓ |
| 189ATP | 18"x9" | T | ✓ | ✓ |
| 249ATP | 24"x9" | T | ✓ | ✓ |
| 1212ATP | 12"x12" | R | ✓ | ✓ |
| 1812ATP | 18"x12" | R | ✓ | ✓ |
| 2412ATP | 24"x12" | R | ✓ | |

*Actuators per tab



Helm Control Options



Rocker Control (ES2000)



Indicator Control (EIC5000)



AutoTrim Pro (APOO0A1HA)

See page 8 for detailed information and more set retrofit options.



Performance Black Powder-Coated Trim Tab Kits



Enjoy the sophisticated black-powder-coated finish of Performance Tabs. Manufactured with heavy-gauge reinforced stainless steel and powerful hydraulic actuators. Performance Tabs combine strength, durability, and good looks to achieve your boat's maximum potential.

Features Include:

- Get on plane fast and stay on plane at intermediate speeds
- Correct listing and uneven loads
- Reduce pounding and eliminate porpoising
- Improve visibility and safety
- Low maintenance with long-term value

Kits Include:

- (1) Control unit (Rocker, EIC, or ATP)
(See page 8-9)
- (2) Trim plane assemblies
- (2-4) Hydraulic actuators
- (1) Hydraulic power unit
(V351HPU1)
- Hydraulic tubing and hardware



Complete Kits With AutoTrim Pro

| PN# | SPAN/CHORD | *TAB | *ACT. | RETAIL BOX |
|---------|------------|------|-------|------------|
| ST9ATP | 12"x9" | (T) | ☑ | ✓ |
| ST12ATP | 12"x12" | (R) | ☑ | ✓ |
| ST16ATP | 12"x16" | (R) | ☑ | ✓ |

*Actuators per tab

Complete Kits with Rocker



| PN# | SPAN/CHORD | *TAB | *ACT. | RETAIL BOX |
|------|------------|------|-------|------------|
| ST9 | 12"x9" | (T) | ☑ | ✓ |
| ST12 | 12"x12" | (R) | ☑ | ✓ |
| ST16 | 12"x16" | (R) | ☑ | ✓ |

*Actuators per tab

Complete Kits with EIC



| PN# | SPAN/CHORD | *TAB | *ACT. | RETAIL BOX |
|---------|------------|------|-------|------------|
| ST9EIC | 12"x9" | (T) | ☑ | ✓ |
| ST12EIC | 12"x12" | (R) | ☑ | ✓ |
| ST16EIC | 12"x16" | (R) | ☑ | ✓ |

*Actuators per tab

Premier Line Stainless Steel XPT, BXT, & SST Trim Tab Kits



When only the best will do, Bennett's exceptional Premier Line Trim Tab systems are your only option. With superior design and engineering, Premier systems are built to the highest standards of durability, uniting form and function by employing the highest quality materials and the power of hydraulics.

Features Include:

- Designed for luxury motor yachts, military and government vessels, high-performance sport fishing boats, and commercial vessels
- No external hydraulic lines or cables exposed to extreme marine environments
- All stainless steel construction assures highest resistance to corrosion from dissimilar metals
- Powerful dual acting hydraulics provide precision control of the stainless steel actuators
- Multiple actuator mounting points provide adjustability
- Backed by Bennett's legendary customer service

Kits Include:

- (1) Helm control (EIC or AutoTrim Pro)
- (2) Compact dual acting hydraulic power units
- (2-4) Stainless steel hydraulic actuators
- (2) Heavy duty 7-gauge trim planes
- Hydraulic tubing and hardware

Complete Kits with EIC



| PN# | SPAN/CHORD | *ACTUATORS |
|------------|------------|------------|
| XPT1218EIC | 12"x18" | ☑ |
| XPT1520EIC | 15"x20" | ☑ |
| XPT1824EIC | 18"x24" | ☑ |
| BXTEIC | Custom | ☑ |
| SSTEIC | Custom | ☑ |

*Actuators per tab

Complete Kits with AutoTrim Pro



| PN# | SPAN/CHORD | *ACTUATORS |
|------------|------------|------------|
| XPT1218ATP | 12"x18" | ☑ |
| XPT1520ATP | 15"x20" | ☑ |
| XPT1824ATP | 18"x24" | ☑ |
| BXTATP | Custom | ☑ |
| SSTATP | Custom | ☑ |

*Actuators per tab

Hydraulic Indicator Control Kit



Three features combined into one sophisticated control — soft-touch helm control, trim tab indicator, and the auto tab retractor feature. Water resistant, highly accurate, and features variable intensity LEDs for night or day.

Kits Include:

- (1 or 2) EIC display (EIC001)
- (1) 12V EIC relay module (EIC101 or EIC102)
- (2) Upper hinge sensors with 10' wire (EIC901P and EIC901S)
- (1) 20' EIC cable (EIC201)
- (1) EIC hardware pack (EIC501)

Features Include:

- Water-resistant keypad and connectors ensure years of trouble-free operation
- Features a relay module mounted near the transom that simplifies installation by reducing the number of wires to run to the helm
- Automatic trim tab retractor protects tabs from damage

Additional display, wiring, and junction box included with dual station kits

Retail Packaging



| PN# | DESCRIPTION |
|-----------|--|
| EIC5000 | Electronic Indicator Control Kit – 12V |
| EIC5000A | EIC with Bridge Control (Two displays) |
| EIC50002 | Electronic Indicator Control Kit – 24V |
| EIC5000A2 | EIC Kit with Bridge Control (Two displays) – 24V |

Euro-Style Rocker Switch Control



Retail Packaging



This control is ergonomically designed, water resistant, and provides a distinctive “click” when the trim tabs are engaged.

| PN# | DESCRIPTION |
|--------|----------------------------------|
| ES2000 | Euro-Style Rocker Switch Control |

Auto Tab Control Kit



Add auto tab control to your existing trim tab controls. The Auto Tab Control dials in the perfect running attitude. Just turn it on, and it does the rest. The ATC constantly monitors your boat's position and uses your trim tabs to maintain a perfect cruising attitude.

Kits Include:

- (1) ATC control unit (AC3400)
- (1) ATC keypad (AC3250)
- (1) Relay module (RM12)
- (1) 6' ATC keypad cable (AC3250)
- (1) ATC hardware (AC3200)
- (1) 6' ATC wire harness (WH3006)
- (1) ATC power pigtail (AC3121)
- (1) Pigtail for wire harness (PT109)

Features Include:

- Saves fuel and creates the perfect ride
- Easy plug-and-play installation

Additional display and hardware included with dual station kits

| PN# | DESCRIPTION |
|----------|--------------------------------|
| AC3000 | ATC System 12V |
| AC3000A | ATC with Bridge 12V |
| AC30002 | ATC System 24V |
| AC30002A | ATC with Bridge 24V |
| AC3EIC | ATC System for EIC 12/24V |
| AC3EICA | ATC System for EIC with Bridge |



Retail Packaging

NMEA2000 Trim Tab Indication Kit

See the position of your trim tabs on your NMEA2000-compatible multi-function display or gauge, GPS/chartplotter, or sonar.

Kits Include:

- (1) White plastic clip (ATC9)
- (6) Red butt connectors (THB6)
- (1) NMEA1 sensor (EP30)
- (2) Upper hinges with coil (CC3003S and CC3003P)
- (2) Sensor rods



Retail Packaging

Controls not included

BOLT Soft-Touch Control



Complete your BOLT Trim Tab System with the waterproof, silicone, soft-touch BOLT control, available with or without tab position indication.

| PN# | DESCRIPTION |
|---------|--|
| BCI8000 | BOLT Soft Touch Helm Control with Indication |
| BCN6000 | BOLT Soft Touch Helm Control |

Kits Include:

- (1) BOLT helm control w/3-ft. cable (BCI8700 or BCN6700)
- (1) Relay module w/3-ft. cable (BCI8500 or BCN6500)
- (1) Hardware bag



Retail Packaging

Features Include:

- Auto tab retraction (Tabs retract when ignition shuts off)
- Water-resistant keypad and connectors
- Completely plug-and-play, no need to run additional wiring back to the transom, for easy installation
- Diagnostics relay module incorporates L.E.D. status indicators simplifying installation and troubleshooting

BOLT Rocker Control



This control is ergonomically designed, water resistant, and provides a distinctive “click” when the trim tabs are engaged.

Features Include:

- Distinctive click action for precise trim tab adjustment
- Economical and easy installation
- Fits into any Bennett 2”+ Rocker switch hole

| PN# | DESCRIPTION |
|---------|---------------------|
| BRC4000 | BOLT Rocker Control |

All-in-One Auto Trim Tab Control



AutoTrim Pro is an all-in-one auto trim tab control system designed for boats of all sizes—packing a boatload of essential features into an easy-to-use, space-saving keypad. Reduce bow rise, improve visibility, correct listing—automatically.

| PN# | DESCRIPTION |
|-----------|---|
| AP000A1HA | H AutoTrim Pro for Hydraulic Systems |
| AP000A1BC | E AutoTrim Pro for Electric Systems |

Kits Include:

- (1) ATP helm display w/3-ft. cable (ATPDISP)
- (1) ATP control unit w/3-ft. cable (ATPHYDCTRL or ATPBOLTCTRL)
- (1) 25' extension cable (BHW4025)
- Required hardware



Retail Packaging

Features Include:

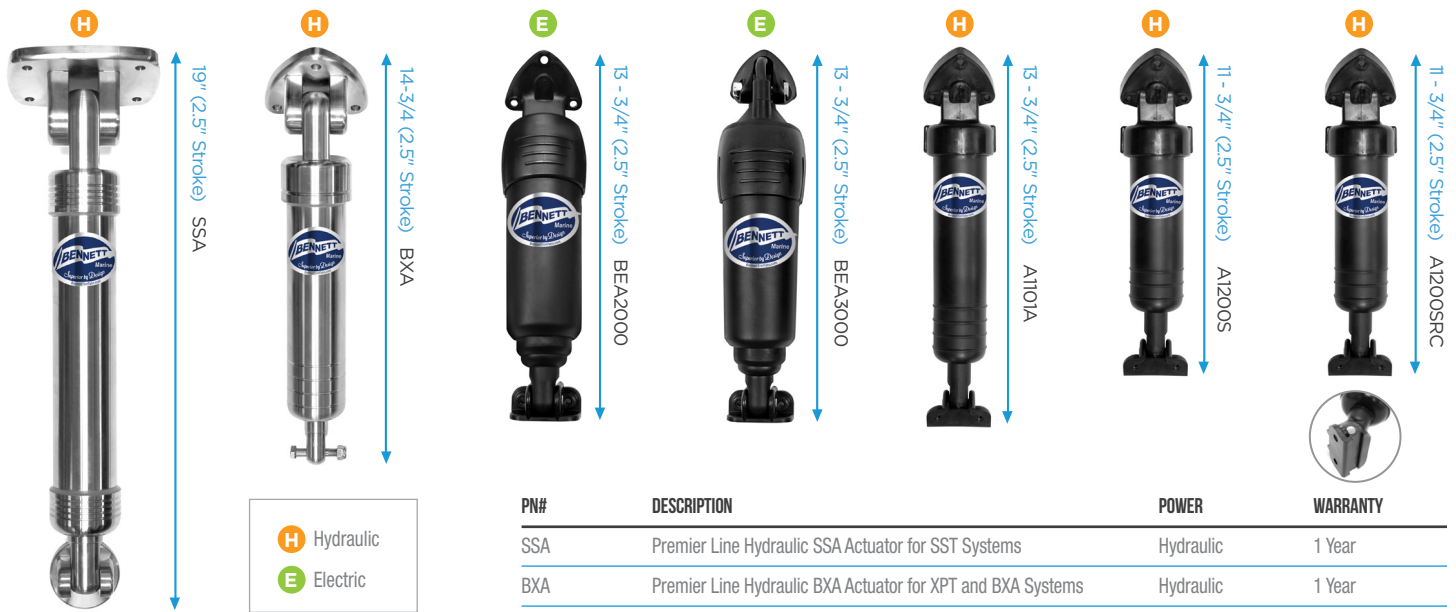
- Compatible with Bennett hydraulic or electric trim tab systems and most non-Bennett trim tab systems
- Auto trim tab control with favorite buttons
- Take manual control of your trim tabs at any time
- Trim tab position indication with adjustable L.E.D.s
- Auto tab retraction when ignition is powered off

Watch the video BennettTrimTabs.com/ATP

Put Your Trim Tabs on Autopilot



Actuators & Trim Plane Assemblies



| PN# | DESCRIPTION | POWER | WARRANTY |
|----------|---|-----------|------------------|
| SSA | Premier Line Hydraulic SSA Actuator for SST Systems | Hydraulic | 1 Year |
| BXA | Premier Line Hydraulic BXA Actuator for XPT and BXA Systems | Hydraulic | 1 Year |
| BEA2000 | BOLT Electric Actuator with Fixed Upper Hinge | Electric | Lifetime Limited |
| BEA3000 | BOLT Electric Actuator with Adjustable Upper Hinge | Electric | Lifetime Limited |
| A1101A | Standard Length Hydraulic Actuator | Hydraulic | Lifetime Limited |
| A1200S | Short Hydraulic Actuator | Hydraulic | Lifetime Limited |
| A1200SRC | Short Hydraulic Actuator with Rivet Clearance (M80/M120) | Hydraulic | Lifetime Limited |

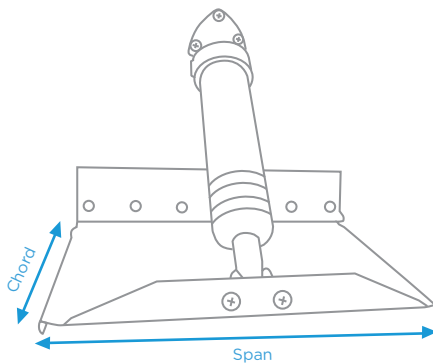
Actuator variations not shown: A1101EX (With external line), A1101CP or A1101CS (Actuator with 30' sensor wire for TPI or NMEA), A1101CSEIC or A1101CPEIC (Actuator with sensor 10' red wire - for EIC), SLT actuators

Actuators

Bennett actuators are built to last, maintenance-free, and backed by Bennett's legendary support. All models provide a 2.5" standard stroke.

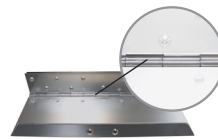
Trim Plane Assemblies

Bennett Marine's durable and dependable trim planes are made of high quality 12 or 14-gauge 304 stainless steel. Each trim plane assembly (for one side of the boat) includes a trim plane, hinge plate, and backing plate.



Performance

| PN# | SPAN/CHORD |
|----------|------------|
| TPAST9 | 12"x9" |
| TPAST12 | 12"x12" |
| TPAST16P | 12"x16" |
| TPAST16S | 12"x16" |



Piano Hinge

| PN# | SPAN/CHORD |
|-----------|------------|
| TPA124 | 12"x4" |
| TPA912ED | 9"x12" |
| TPA1212ED | 12"x12" |



Riveted Angle

| PN# | SPAN/CHORD |
|---------|------------|
| TPA1212 | 12"x12" |
| TPA1812 | 18"x12" |
| TPA2412 | 24"x12" |
| TPA3012 | 30"x12" |
| TPA3612 | 36"x12" |
| TPA4212 | 42"x12" |
| TPA4812 | 48"x12" |
| TPA5412 | 54"x12" |
| TPA6012 | 60"x12" |
| TPA6612 | 66"x12" |
| TPA7212 | 72"x12" |



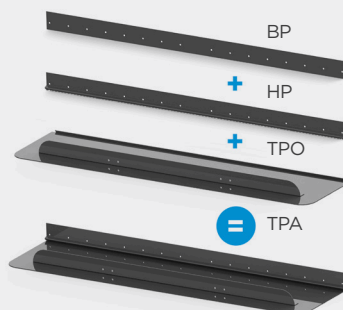
Trailing Edge

| PN# | SPAN/CHORD |
|--------|------------|
| TPA129 | 12"x9" |
| TPA189 | 18"x9" |
| TPA249 | 24"x9" |
| TPA309 | 30"x9" |
| TPA369 | 36"x9" |
| TPA429 | 42"x9" |
| TPA489 | 48"x9" |
| TPA549 | 54"x9" |

Assembly Components

Trim Plane Assemblies (TPA) consist of 3 main components, which can all be ordered separately. When ordering separately, simply swap "TPA" with the acronyms below. For example: HPI2 is a 12" Hinge Plate Only.

- **BP** - Backing Plate Only
- **HP** - Hinge Plate Only
- **TPO** - Trim Plane Only



Sport Tabs (M80/M120)

| PN# | SPAN/CHORD |
|---------|------------|
| TPAM80 | 8"x10" |
| TPAM120 | 10"x12" |

Self-Leveling Tabs (SLT)

SPRING-LOADED



A simple, durable, and affordable trimming solution for smaller boats. Quick and easy installation with nothing to do inside the boat—just mount the actuators and trim tabs on the transom and enjoy the benefits.

Kits Include:

- (2) 14-gauge stainless steel tabs with Bennett's exclusive interlocking hinge
- (2) Strong, durable, spring-loaded actuators
- All stainless steel hardware

Features Include:

- Three mounting options to easily change lift
- Plane at lower speeds
- Improve fuel efficiency
- Eliminate porpoising and chine walking
- Improve your hole shot
- Reduce engine laboring and improve fuel efficiency

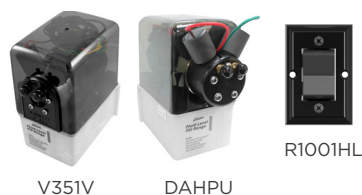


Retail Packaging

| PN# | DESCRIPTION |
|-------|--|
| SLT6 | SLT6 - 6"x 8" Spring-loaded Tabs for Small boats up to 17' (60 lb. spring) |
| SLT10 | SLT10 - 10"x10" Spring-loaded Tabs for Small boats 17'+ (90 lb. spring) |



Hatch Lift Systems



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.

Features Include:

- 250 lbs. of vertical lifting capability
- Stainless steel shaft, inside a black anodized aluminum cylinder
- Dual cylinder systems can move simultaneously or independently



HL41 Mounting Bracket

HL33 Mounting Bracket



Single Acting Cylinders

| PN# | DESCRIPTION |
|-------|-----------------------------------|
| HL12C | 12" Stroke Single Acting Cylinder |
| HL18C | 18" Stroke Single Acting Cylinder |
| HL24C | 24" Stroke Single Acting Cylinder |

Dual Acting Cylinders




















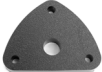









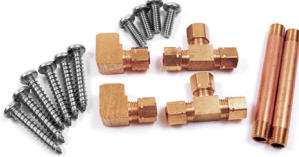





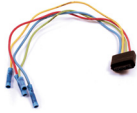


















| PN# | DESCRIPTION |
|---------|---------------------------------|
| HL12CDA | 12" Stroke Dual Acting Cylinder |
| HL18CDA | 18" Stroke Dual Acting Cylinder |
| HL24CDA | 24" Stroke Dual Acting Cylinder |

Common Hatch-Lifter Replacement Components

| PN# | DESCRIPTION |
|----------|---|
| V351V | 1-valve Hydraulic Power Unit (12V) |
| DAHPU | Dual Acting Hydraulic Power Unit (12V) |
| RS1001HL | Single Rocker Switch with Bezel |
| MKHL1000 | Cylinder Mounting Kit (Includes mounting brackets & hardware) |

For a complete list of hatch lifter sets, visit BennettTrimTabs.com

Common Replacement Parts & Accessories

| | | | | | | |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| *A1103 | A1103EX | *A1101A | A1109 | *A1113 | *A1115 | A1117 |
|  |  |  |  |  |  |  |
| *A1200SRC | AC3250 | AC32506/AC325022 | AC3400 | AR512 | AR524 | *ATC9 |
|  |  |  Available 5'- 20' (5' increments) |  |  |  |  Available 3', 5', 7', 10' |
| ATPHYDCTRL | ATPSENSTD | BAW20 | BCI8500 | BCN6700 | BEA2100 | BHW4010 |
|  |  |  Available 20'- 40' (5' increments) |  |  |  |  |
| EIC001 | EIC101 / EIC102 | EIC20120 | EIC301 | EIC601 | EIC701 | *EIC801 |
|  |  |  |  |  | | |
| *H1170A | *H1170B | *H1171(3-4) | *H1172 | *H1174 | | |
|  |  |  |  |  |  |  Available 10' - 50' (5' increments) |
| H1178 | *H1179 | *PT109 / PT110 | *PT950P | *PT950S | RM12 / RM24 | *T112520 |
|  |  |  |  |  |  |  |
| *VP1135G | VP1135G24V | *VP1135R | VP1135R24V | *VP1138 | VP1139 | VP1140 |
|  |  |  |  |  |  |  |
| VP1144 | *VP1146 | VP1154 | *VP1159 | *VP1160 | *VP1161 | *V351HPU1 |



| PN# | DESCRIPTION | *DSKIT | PN# | DESCRIPTION | *DSKIT |
|---------------|--|--------|----------------|--|-----------|
| * A1103 | Hydraulic Upper Hinge with O-Ring | ✓ (2) | * EIC901P | EIC Port Upper Hinge with 10' Sensor Wire | ✓ (1) |
| A1103EX | Hydraulic Actuator Upper Hinge - External Line | | * EIC901S | EIC Stbd Upper Hinge with 10' Sensor Wire | ✓ (1) |
| * A1101A | Standard Length Hydraulic Actuator | ✓ (2) | * ES2000 | Hydraulic Euro-Style Rocker Switch | ✓ (1) |
| A1109 | Piston with O-Ring | | * H1170A | Hydraulic Trim Tab Hardware Pack | ✓ (1) |
| * A1113 | Hydraulic Actuator Lower Hinge | ✓ (10) | * H1170B | Dual Actuator Hardware Pack | ✓ (1) |
| * A1115 | Lower Hinge Pin | ✓ (20) | * H1171(3-4) | 3" & 4" Pipe Nipples (2" - 6" available) | ✓ (2) ea. |
| A1117 | Small Actuator Piston with O-Ring | | * H1172 | Female Elbow | ✓ (12) |
| * A1120 | Actuator Upper Hinge O-Ring | ✓ (12) | * H1174 | #14 x 1-1/2" Full Threaded Screw | ✓ (30) |
| * A1121 | Actuator Piston O-Ring | ✓ (12) | * H1175 | 1/4 - 20 x 3/4" Machine Screw | ✓ (20) |
| * A1200SRC | Small Hydraulic Actuator | ✓ (2) | H1176 | 20 Amp Fuse | |
| AC3250 | ATC Keypad | | H1178 | Fuse Holder | |
| AC32506 | ATC 6' Keypad Cable | | * H1179 | Mounting Bracket for HPU | ✓ (2) |
| AC325022 | ATC 22' Keypad Bridge Cable | | * PT109 | Pigtail for Wire Harness | ✓ (2) |
| AC3400 | ATC Control Unit | | * PT110 | Pigtail for HPU or Control | ✓ (2) |
| AR512 | Auto Tab Retractor 12V (Black Podding) | | * PT950P | EIC Port Pigtail | ✓ (3) |
| AR524 | Auto Tab Retractor 24V (Tan Podding) | | * PT950S | EIC Starboard Pigtail | ✓ (3) |
| * ATC9 | White PVC Clip for Actuators | ✓ (6) | RM12 | Relay Module 12V (Black Podding) | |
| ATPBOLCTRL | AutoTrim Pro Control Unit (Electric) | | RM24 | Relay Module 24V (Tan Podding - Not Shown) | |
| ATPDISP | AutoTrim Pro Helm Display | | * T1125(20-50) | Hydraulic Tubing 20' (Available 10' - 50') | ✓ (2) |
| ATPDISPBR | AutoTrim Pro Helm Display (Bridge) | | * T1126 | Brass Line Tee Fitting | ✓ (6) |
| ATPHYDCTRL | AutoTrim Pro Control Unit (Hydraulic) | | * T1127 | Nut with Ferrule | ✓ (24) |
| ATPSENSTD | AutoTrim Pro Standard Sensor Kit | | * VP1135G | Solenoid Valve 12V- Green Wire (Stbd.) | ✓ (2) |
| BAW(05-40) | 5', 10', 15', or 20' Wire Harness | | VP1135G24V | Solenoid Valve 24V- Green Wire (Stbd.) | |
| BCI8500 | BOLT BCI Relay Module (Black Cover) | | * VP1135R | Solenoid Valve 12V - Red Wire (Port) | ✓ (2) |
| BCN6500 | BOLT BCN Relay Module (White Cover-Not Shown) | | VP1135R24V | Solenoid Valve 24V - Red Wire (Port) | |
| BCN6700 | BOLT Helm Keypad (Non-Indicator) | | * VP1138 | Lexan Cover | ✓ (1) |
| BEA2100 | BOLT Actuator Upper Hinge Spacer | | VP1139 | Fluid Reservoir | |
| BHW40(03-10) | 3', 5', 7', or 10' Helm Keypad Wire Ext. | | VP1140 | Filler Plug | |
| * CC3003-P | Actuator Upper Hinge with Coil - Port | ✓ (1) | VP1141 | Hex Retainer | |
| * CC3003-S | Actuator Upper Hinge with Coil - Stbd. | ✓ (1) | VP1142 | Motor Strap | |
| * EH1071 | #10 x 1-1/4" Full Thread Screw | ✓ (50) | VP1144 | HPU Face Plate | |
| EIC001 | EIC Control/Display | | * VP1146 | 1/8" Pipe to 1/4" Pipe Tube Connector | ✓ (5) |
| EIC101 | EIC Relay Module 12V (Black Podding) | | VP1154 | #8 x 3/4" Phil Pan Sheet Metal Screw | |
| EIC102 | EIC Relay Module 24V (Tan Podding - Not Shown) | | * VP1159 | Valve Seat with O-Ring | ✓ (20) |
| EIC201(20-40) | EIC 20', 25', 30', 35' or 40' Wire Harness | | * VP1160 | HPU Valve Spring | ✓ (10) |
| EIC301 | EIC 4' Wire Harness | | * VP1161 | HPU Valve Plunger | ✓ (10) |
| EIC601 | EIC Bridge Hardware Pack | | * VP351HPU1 | Hydraulic Power Unit (Pump) | ✓ (1) |
| EIC701 | EIC Bridge Junction Box | | * WH100022 | Standard 22' Wire Harness | ✓ (2) |
| * EIC801 | EIC Bridge Wire Harness 20' | ✓ (2) | WH3006 | ATC 4-Color Wire Harness 6' | |

Dealer Service Kit (PN# DSKIT)

Stock up and save with the Bennett Dealer service kit, which contains everything a servicing dealer needs to repair almost any problem. It's an affordable way to acquire some of the most common hydraulic trim tab system parts, with a combined retail value of more than \$2000. Items are individually packaged and bar-coded—ready for resale.

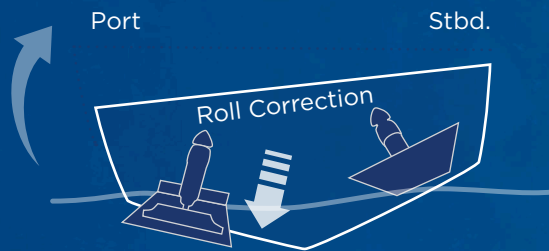
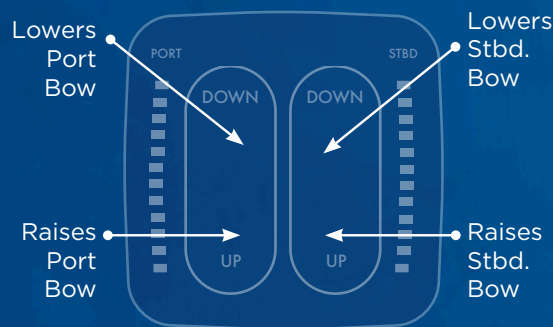
***See the table above for all included parts**



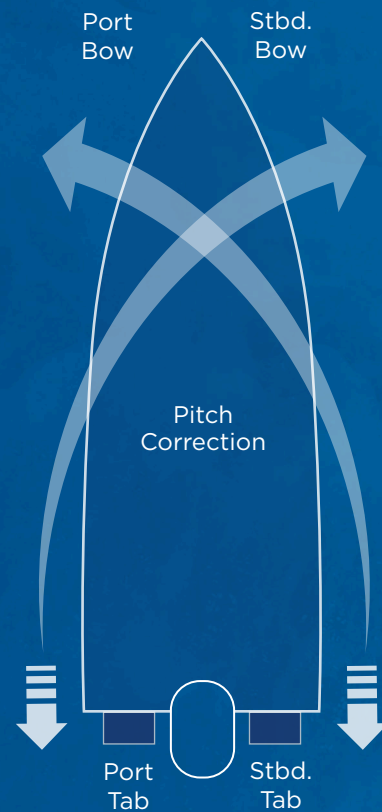
A BETTER

Properly sized trim tabs improve the performance of your boat by adjusting the running angle of your vessel. Bennett Marine trim tabs help you get on plane faster, correct listing to one side, improve visibility, and increase your fuel efficiency.

- Get up on plane quickly, and plane at lower speeds
- Increase performance and fuel efficiency
- Increase visibility
- Adjust the boat's attitude for changes in speed, sea conditions, and shifting weight
- Correct listing on either side of the boat



When the port tab is lowered independently, an upward force at the port stern of the boat is created. The inverse applies when lowering the starboard tab independently.



The Undisputed Leader

In 1960, Charles Bennett invented the first adjustable trim tab system. Since then, we've continued to push forward and have introduced a myriad of industry-changing innovations, like auto tab control, trim tab position indication, and NMEA2000 integration.

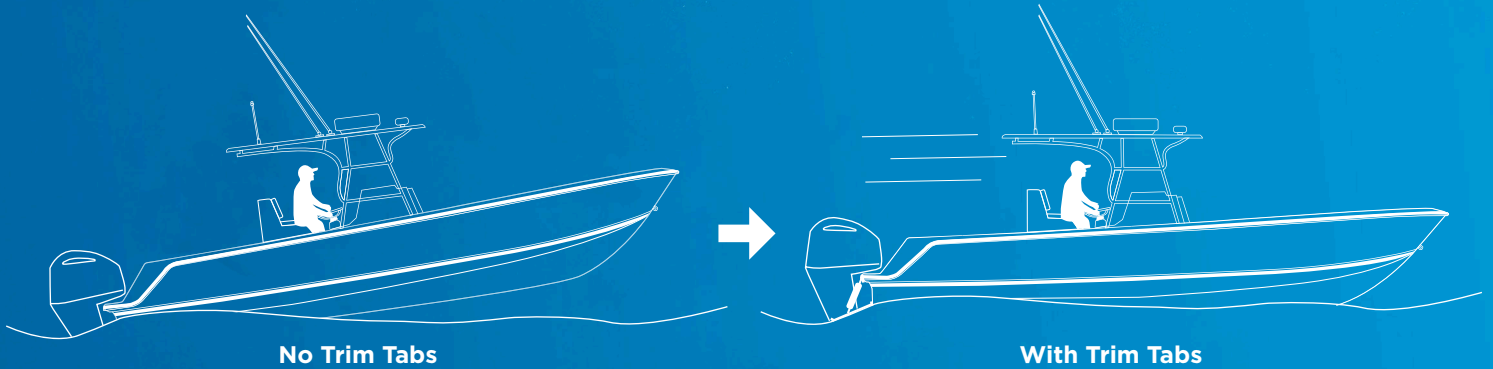


RIDE



Learn more at
BennettTrimTabs.com/Guide

- Key features & benefits
- Sizing guidelines
- System comparison
- Install tips, and more



How Trim Tabs Work

When the tabs are deployed downward, the water force on the trim tab surface creates upward pressure, raising the stern and lowering the bow. The port trim tab lowers the starboard bow, and the starboard trim tab lowers the port bow. The control is intuitively wired so that all you have to do is press the button in the direction you want the bow to move.



We've worked with the best boat builders and enthusiasts in the world to create a host of exceptional products, and we back them with the best warranty in the industry. Bennett Marine is also the only manufacturer that offers both electric and hydraulic trim tab systems.





ENJOY THE RIDE

Benefits you can feel. Quality you can trust.