

Bennett Marine SLT6

Bennett SLT6 Self-Leveling Tab System User Manual

Model: SLT6 (Manufacturer Part Number: 560983)

1. INTRODUCTION AND OVERVIEW

The Bennett SLT6 Self-Leveling Tab System is designed to enhance the performance of small boats ranging from 10 to 14 feet in length. This system provides automatic trim adjustment, improving boat stability, fuel efficiency, and overall ride quality. It is engineered for durability and ease of installation, utilizing high-quality materials proven over decades of marine use.

2. PRODUCT COMPONENTS

The SLT6 kit includes the following essential components:

- Two 14-gauge stainless steel trim tab assemblies, featuring Bennett's exclusive interlocking hinge design for robust performance.
- Two strong and flexible composite actuators, engineered for reliable operation in marine environments.
- All necessary stainless steel hardware for installation, ensuring corrosion resistance and secure mounting.



This image displays the Bennett SLT6 Self-Leveling Tab System, featuring a black composite actuator connected to a stainless steel trim tab. The actuator is mounted on a bracket, and the tab is designed for transom installation on small boats.

3. INSTALLATION (SETUP)

The Bennett SLT6 system is designed for straightforward installation, requiring no internal boat modifications. The installation process primarily involves mounting the two actuators and two trim tabs directly to the boat's transom.

Key Installation Steps:

1. Identify the optimal mounting locations on the transom for both trim tab assemblies.
2. Securely attach the stainless steel trim tabs and composite actuators using the provided stainless steel hardware.
3. Ensure all connections are tight and properly aligned according to the detailed instructions provided in the full installation guide (not included in this overview).

For detailed, step-by-step installation instructions, please refer to the comprehensive guide included with your product packaging or available on the Bennett Marine website.

4. OPERATION

The SLT6 Self-Leveling Tab System operates automatically, responding dynamically to boat speed and water pressure. It is designed to continuously adjust the trim tabs to optimize the boat's running attitude without manual intervention.

Operational Benefits:

- **Quick Planing:** Helps the boat get on plane faster, reducing the time to reach optimal cruising speed.
- **Improved Hole Shot:** Enhances acceleration from a standstill.
- **Reduced Engine Laboring:** Optimizes the boat's trim to decrease strain on the engine.

- **Enhanced Fuel Efficiency:** Maintains an efficient running angle, potentially reducing fuel consumption.
- **Elimination of Porpoising:** Automatically corrects bow bounce for a smoother ride.

The system continuously monitors conditions and makes instant adjustments, allowing the user to focus on navigation while enjoying a stable and comfortable experience.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Bennett SLT6 Self-Leveling Tab System.

Recommended Maintenance Practices:

- **Routine Inspection:** Periodically inspect the trim tabs, actuators, and all mounting hardware for any signs of wear, corrosion, or damage.
- **Cleaning:** Clean the trim tabs and actuators regularly with fresh water to remove salt, marine growth, and debris. Avoid abrasive cleaners that could damage the finish.
- **Hardware Check:** Ensure all stainless steel fasteners remain tight. Do not overtighten.

Should any components appear damaged or worn, contact Bennett Marine customer support for replacement parts or service.

6. TROUBLESHOOTING

The Bennett SLT6 system is designed for reliable operation. If you encounter any issues, consider the following general troubleshooting steps:

- **Performance Issues:** If the boat is not trimming correctly, inspect the trim tabs for any obstructions or damage that might impede their movement.
- **Unusual Noises:** Listen for any unusual noises from the actuators. This could indicate a mechanical issue.
- **Visual Inspection:** Check all visible components for loose connections, bent tabs, or damaged actuators.

For persistent problems or issues that cannot be resolved through basic inspection, it is recommended to contact Bennett Marine customer support or a qualified marine technician for assistance.

7. SPECIFICATIONS

- **Model:** SLT6
- **Manufacturer Part Number:** 560983
- **Trim Tab Dimensions:** 6 inches (width) x 8 inches (length)
- **Recommended Boat Length:** 10 feet to 14 feet
- **Trim Tab Material:** 14-gauge Stainless Steel
- **Actuator Material:** Strong and Flexible Composite
- **Hardware Material:** Stainless Steel

8. WARRANTY AND SUPPORT

The Bennett SLT6 Self-Leveling Tab System is backed by Bennett Marine's commitment to quality and

customer satisfaction.



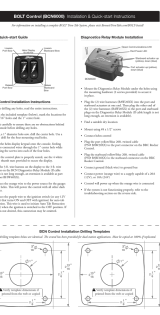

Warranty Information:


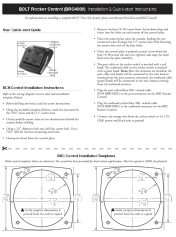
This product includes a **5-year warranty** on all components, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, warranty inquiries, or to order replacement parts, please contact Bennett Marine customer support. Contact details can typically be found on the official Bennett Marine website or in the product packaging.

Related Documents - SLT6

 The cover of the Bennett SLT Self-Leveling Tabs Owner's Manual and Installation Instructions. It features the Bennett Marine logo at the top, followed by the large text 'SLT' and 'Self-Leveling Tabs'. Below this, it says 'SLT6 & SLT10 KITS'. There are two images of the tabs: one for SLT6 and one for SLT10. At the bottom, it says 'OWNER'S MANUAL AND INSTALLATION INSTRUCTIONS' and 'SAVE AND KEEP WITH PRODUCT OWNER'S INFORMATION'.	<p>Bennett SLT Self-Leveling Tabs Owner's Manual and Installation Instructions</p> <p>Comprehensive guide to installing, adjusting, and maintaining Bennett SLT Self-Leveling Tabs for boats, including parts lists, troubleshooting, and warranty information.</p>
 The cover of the Bennett SLT Self-Leveling Tabs: Owner's Manual & Installation Guide. It features the Bennett Marine logo at the top, followed by the large text 'SLT' and 'Self-Leveling Tabs'. Below this, it says 'SLT6 & SLT10 KITS'. There are two images of the tabs: one for SLT6 and one for SLT10. At the bottom, it says 'OWNER'S MANUAL AND INSTALLATION INSTRUCTIONS' and 'SAVE AND KEEP WITH PRODUCT OWNER'S INFORMATION'.	<p>Bennett SLT Self-Leveling Tabs: Owner's Manual & Installation Guide</p> <p>Comprehensive guide to installing and adjusting Bennett SLT Self-Leveling Tabs for small boats, covering parts, procedures, benefits, maintenance, and warranty information.</p>
 The cover of the Bennett BOLT Control BCN6000 Installation & Quick-start Guide. It features the Bennett Marine logo at the top, followed by the text 'BOLT Control BCN6000' and 'Installation & Quick-start Guide'. There are two images: one of the control unit and one of the wiring diagram. At the bottom, it says 'BOLT Control BCN6000' and 'Installation & Quick-start Guide'.	<p>Bennett BOLT Control BCN6000 Installation & Quick-start Guide</p> <p>Detailed installation and quick-start instructions for the Bennett BOLT Control BCN6000 marine trim tab system, including wiring diagrams and component identification.</p>
 The cover of the Bennett Auto Tab Control (ATC) Owner's Manual & Installation Instructions. It features the Bennett Marine logo at the top, followed by the text 'AUTO TAB CONTROL (ATC)' and 'OWNER'S MANUAL & INSTALLATION INSTRUCTIONS'. There is an image of the control unit. At the bottom, it says 'AUTO TAB CONTROL (ATC)' and 'OWNER'S MANUAL & INSTALLATION INSTRUCTIONS'.	<p>Bennett Auto Tab Control (ATC) Owner's Manual & Installation Instructions</p> <p>Comprehensive guide to installing and operating the Bennett Auto Tab Control (ATC) system for marine trim tabs, including setup, troubleshooting, and safety precautions.</p>

	<p>Bennett ATC Auto Tab Control: Owner's Manual & Installation Guide</p> <p>Comprehensive guide for the Bennett Auto Tab Control (ATC) system, covering product understanding, installation, operation, and troubleshooting for optimal boat trim and performance. Includes wiring diagrams and safety precautions.</p>
	<p>BOLT Rocker Control (BRC4000) Installation & Quick-start Guide Bennett Marine</p> <p>Comprehensive installation and quick-start instructions for the Bennett Marine BOLT Rocker Control (BRC4000) electric trim tab system. Includes wiring diagrams, mounting templates, and user guide.</p>