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QO465QCSMCPF89P0BSJL

# 90-Degree Throttle Cable Bolt for Motorcycles User Manual

Model: QO465QCSMCPF89P0BSJL | Brand: Generic

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your 90-Degree Throttle Cable Bolt. Designed for motorcycles, this premium aluminum alloy cable adjuster offers enhanced throttle control and easy fine-tuning. Please read this manual thoroughly before use to ensure proper function and longevity of the product.



Image: The 90-Degree Throttle Cable Bolt shown in context on a motorcycle, demonstrating its intended use.

## SAFETY INFORMATION

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Always prioritize safety when working on your motorcycle. Improper installation or adjustment of throttle components can lead to dangerous operating conditions. If you are unsure about any step, consult a qualified motorcycle mechanic.

- Ensure the motorcycle is stable and turned off before beginning any installation or adjustment.
- Wear appropriate safety gear, including gloves and eye protection.
- Verify all connections are secure and properly torqued after installation.
- Test throttle operation thoroughly in a safe environment before riding.

## PRODUCT OVERVIEW

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The 90-Degree Throttle Cable Bolt is a precision-engineered component designed to optimize throttle cable routing and adjustment on motorcycles. It is constructed from high-grade aluminum alloy for durability and features a 90-degree bend

for efficient cable management in tight spaces.



Image: A detailed view of the 90-Degree Throttle Cable Bolt, showcasing its design and material.

### Key Features:

- **Excellent Materials:** Constructed from sturdy and handsome high-grade Aluminum Alloy, this motorcycle throttle screw undergoes a rigorous heat process that enhances its hardness and durability.
- **No Hassle Assembly:** No need for particular tools or equipment to easily install the motorcycle throttle screw. Our streamlined design allows for effortless disassembly without leaving any marks.
- **Widely Applicable:** Seamlessly integrating with various motorcycle models, this throttle screw is a must-have for riders seeking a trustworthy replacement that promises wide compatibility and ease of use.
- **Enhanced Throttle Control:** Improve your motorcycle's throttle response by using our throttle screw to adjust the freedom of travel of the throttle handle.
- **Easy Fine-Tuning:** Designed to fit perfectly in tight engine compartments, thanks to its 90-degree right-angle design.

## SPECIFICATIONS

Attribute	Detail
Product Material	Aluminum Alloy
Color	Blue
Product Dimensions	2.99"L x 2.13"W (approx. 8.2cm x 4.2cm)
Item Weight	0.64 ounces (approx. 18.14 g)
Model Number	QO465QCSCMCPF89P0BSJL
Manufacturer	Generic



Image: Dimensional drawing of the throttle cable bolt, indicating key measurements.

## SETUP AND INSTALLATION

The 90-Degree Throttle Cable Bolt is designed for straightforward installation. Follow these steps carefully:

- Prepare the Motorcycle:** Ensure your motorcycle is parked on a stable surface, the engine is off, and the ignition is turned off.
- Locate Throttle Cable:** Identify the existing throttle cable connection point on your motorcycle's carburetor or throttle body.
- Remove Existing Component (if applicable):** If replacing an old component, carefully disconnect and remove it. Note the routing of the cable.
- Install the New Bolt:** Thread the 90-Degree Throttle Cable Bolt onto the throttle cable. The 90-degree bend should be oriented to provide the most direct and smooth cable path, especially in tight engine compartments.
- Secure Connection:** Ensure the bolt is securely fastened. The design allows for effortless disassembly without leaving any marks, but proper tightening is crucial for safe operation.
- Check Cable Movement:** Verify that the throttle cable moves freely through the new bolt without binding or excessive friction.



Image: The throttle cable bolt shown installed on a motorcycle, illustrating its fit and connection.

## OPERATING INSTRUCTIONS (THROTTLE ADJUSTMENT)

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This throttle cable bolt allows for fine-tuning of your motorcycle's throttle response by adjusting the freedom of travel of the throttle handle. This adjustment is critical for optimal performance and rider comfort.

1. **Identify Adjustment Nut:** Locate the adjustment nut on the throttle cable bolt.
2. **Loosen Nut:** Slightly loosen the lock nut on the adjuster.
3. **Adjust Travel:**
  - To **reduce** throttle freedom of travel (make it more responsive), turn the adjuster screw **clockwise**.
  - To **increase** throttle freedom of travel (make it less responsive or add slack), turn the adjuster screw **counter-clockwise**.
4. **Tighten Nut:** Once the desired throttle travel is achieved, tighten the lock nut to secure the adjustment.
5. **Test Throttle:** Before riding, manually twist the throttle grip to its full extent and release it. Ensure it returns smoothly and completely to the idle position without sticking. Start the engine and check for proper idle and throttle response.



Image: A close-up of the throttle cable bolt connected to the motorcycle's throttle, illustrating the area for adjustment.

## MAINTENANCE

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The 90-Degree Throttle Cable Bolt is designed for durability with its aluminum alloy construction. Regular inspection will ensure its continued optimal performance.

- **Periodic Inspection:** Routinely check the bolt for any signs of wear, corrosion, or damage. Ensure it remains securely fastened.
- **Cleaning:** Wipe down the bolt with a clean, damp cloth to remove dirt and grime. Avoid harsh chemicals that could damage the finish.
- **Lubrication:** While the bolt itself does not require lubrication, ensure the throttle cable passing through it is properly lubricated according to your motorcycle's service manual to ensure smooth operation.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Throttle feels sticky or stiff	Cable binding, insufficient lubrication, incorrect adjustment	Check cable routing, lubricate throttle cable, re-adjust throttle travel.
Excessive throttle play	Throttle cable needs adjustment	Adjust the throttle cable bolt by turning the screw clockwise to reduce play.
Insufficient throttle play	Throttle cable too tight	Adjust the throttle cable bolt by turning the screw counter-clockwise to increase play.
Bolt feels loose after installation	Improper tightening of lock nut	Ensure the lock nut is securely tightened after adjustment.

## WARRANTY AND SUPPORT

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This product is manufactured to high standards. For any issues or support inquiries, please contact the seller or manufacturer directly through the platform where the product was purchased. Keep your purchase receipt as proof of purchase.

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This manual is for informational purposes only. Specifications are subject to change without notice.