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› NICHE Push Pull Throttle Cable User Manual for Suzuki V-Strom 650 DL650

NICHE 519-CCB2100L

NICHE Push Pull Throttle Cable User Manual

Model: 519-CCB2100L | Brand: NICHE

INTRODUCTION AND OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your NICHE Push Pull Throttle Cable. Designed as a direct replacement for Suzuki V-Strom 650 DL650 models from 2004-2006, this cable ensures optimal fit and performance, replacing OEM Part Number 58300-27G01. Please read this manual thoroughly before proceeding with installation or maintenance to ensure safe and correct usage.



Image: The NICHE Push Pull Throttle Cable, showing its full length and both ends.

PRODUCT FEATURES

- Compatible with OEM Part Numbers Suzuki 58300-27G01
- Compatible with Suzuki 2004-2006 V-Strom 650 DL650
- Hardware Material: Q235 Steel with Zinc coating surface
- Connection between round tips and steel strings made by zinc alloy
- Compatible with Motion Pro 04-0310
- Length: 41.34 Inches

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your motorcycle's throttle. If you are unsure about any step, it is highly recommended to seek professional assistance.

Before You Begin:

- Ensure the motorcycle is on a stable stand and the engine is cool.
- Gather necessary tools, including appropriate wrenches, screwdrivers, and cable lubricant.
- Refer to your motorcycle's service manual for specific torque specifications and routing diagrams.

Removal of Old Cable:

1. Carefully disconnect the old throttle cable from the throttle body/carburetor.
2. Disconnect the cable from the throttle grip assembly on the handlebars.
3. Note the exact routing path of the old cable through the frame and around other components to ensure the new cable is installed correctly.

Installation of New Cable:

1. Route the new NICHE throttle cable along the same path as the original, ensuring it is free from kinks, sharp bends, or interference with moving parts.
2. Connect the cable ends to the throttle body/carburetor and the throttle grip assembly. Ensure all connections are secure.



Image: A close-up view of the throttle cable ends, showing the push and pull mechanisms.

Adjustment:

1. Adjust the cable free play at the throttle grip and/or carburetor/throttle body according to your motorcycle's service manual specifications. Typically, a small amount of free play (2-3mm) is required.
2. Ensure smooth operation from idle to full throttle without binding or excessive slack.



Image: Detail of the throttle cable adjusters, used for fine-tuning cable tension.

Final Check:

- Verify that the throttle returns smoothly and completely to the idle position when released.
- Check for any interference with steering, suspension, or other components throughout the full range of handlebar movement.
- Test the throttle operation with the engine off before riding.

Professional Installation: For optimal safety and performance, professional installation by a qualified mechanic is highly recommended.

OPERATING INSTRUCTIONS

The NICHE Push Pull Throttle Cable is designed to transmit the rider's input from the throttle grip to the engine's throttle mechanism, controlling engine speed. A properly installed and adjusted cable ensures smooth, responsive,

and safe throttle control. Always ensure the throttle operates freely and returns to the idle position without sticking before operating the motorcycle.

MAINTENANCE

Regular maintenance extends the life of your throttle cable and ensures safe operation.

- **Regular Inspection:** Periodically inspect the throttle cable for any signs of wear, fraying, kinks, or damage to the outer housing. Check for smooth operation and proper free play.
- **Lubrication:** Lubricate the cable inner wire and ends annually or as recommended by your motorcycle's service manual. Use a suitable cable lubricant to prevent corrosion and ensure smooth movement.
- **Cleaning:** Keep the cable housing and ends clean from dirt, dust, and debris that could impede smooth operation.

TROUBLESHOOTING

If you encounter issues with your throttle cable, consider the following common problems and solutions:

- **Sticky Throttle:**
 - Check for proper cable routing; ensure there are no sharp bends or kinks.
 - Apply cable lubricant to the inner wire.
 - Adjust cable free play. If issues persist, the cable may be damaged internally and require replacement.
- **Loose Throttle / Excessive Play:**
 - Adjust cable free play at the throttle grip and/or carburetor/throttle body.
 - Ensure all adjusters are tightened securely after adjustment.
- **Cable Fraying or Damage:**
 - If the cable shows any signs of fraying, cracking in the housing, or other physical damage, replace it immediately to prevent potential failure during operation.

SPECIFICATIONS

Specification	Detail
Brand	NICHE
Model Compatibility	Suzuki V-Strom 650 DL650 (2004-2006)
OEM Part Number Equivalent	58300-27G01

Specification	Detail
Manufacturer Part Number	519-CCB2100L
Item Weight	9.6 ounces
Product Dimensions	10.8 x 10.8 x 0.3 inches
Cable Length	41.34 Inches
Hardware Material	Q235 Steel; Zinc alloy connections
Exterior Finish	Polished
Safety Rating	DOT Certified

WHAT'S IN THE BOX

- (1) Push Pull Throttle Cable

WARRANTY AND SUPPORT

Your NICHE Push Pull Throttle Cable is backed by a commitment to quality and reliability.

Warranty Information:

This NICHE product comes with a 2-year warranty, ensuring peace of mind regarding its quality and performance.



Image: The NICHE Industries 2-Year Warranty seal.

Support:

For further assistance, technical support, or to explore other high-quality NICHE products, please visit the official NICHE Store:

[Visit the NICHE Store on Amazon](#)

This product also has a 30-day return policy for refund or replacement.

