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QAZAKY Z9104-PCA

QAZAKY Twist Throttle Accelerator Handle Grip Cable Set User Manual

Model: Z9104-PCA

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your QAZAKY Twist Throttle Accelerator Handle Grip Cable Set. Please read these instructions carefully before use to ensure safe and effective performance. This product is designed for various 4-stroke engines and compatible vehicle types.

2. Product Overview and Compatibility

The QAZAKY Twist Throttle Accelerator Handle Grip Cable Set is a replacement component designed for a wide range of small engine vehicles. It includes a twist throttle, handle grips, and an accelerator cable.

Key Features:

- Durable and high-quality construction.
- Designed for easy installation.
- Waterproof and dustproof properties.

Compatibility:

- **Engine Types:** Compatible with 49cc-50cc, 70cc, 90cc, 110cc, 125cc, 140cc, 150cc, 190cc, 200cc, and 250cc 4-stroke engines.
- **Vehicle Types:** Suitable for most motorcycles, ATVs, quads, scooters, go-karts, buggies, mopeds, choppers, pit bikes, dirt bikes, racing bikes, mini bikes, super bikes, pocket bikes, and other similar vehicles.
- **Specific Replacements:** Direct replacement for CRF50, CRF70, CRF80, XR50, XR70, XR80, SDG, SSR PRO with aftermarket taller handlebars.
- **Handlebar Size:** Designed for 7/8 inch (22mm) handlebars. Compatible with many Yamaha, Suzuki, and Kawasaki models that use this handlebar size.
- **Chinese Import Compatibility:** Fits most Chinese import Pit/Dirt bikes, including brands such as TaoTao, Lifan, Buyang, Loncin, Jialing, Coolsport, Jonway, Znen, NST, BMX, Kazuma, Sunl, Roketa, AIM-EX, SDG, etc.



Image: Overview of the QAZAKY handle grips and throttle assembly, highlighting durability and ease of installation.



Image: Illustration of the handle grips, emphasizing compatibility with various vehicles and their waterproof, dustproof, and durable design.

3. Package Contents

Upon opening the package, verify that all components are present and undamaged:

- 1x Twist Throttle Assembly
- 1x Pair of Handle Grips (Left and Right)
- 1x Accelerator Cable
- Installation Hardware (as required for assembly)



Image: A pair of QAZAKY handle grips, showing their textured surface for improved grip.



Image: The accelerator cable with dimensions. Total length is 51.18 inches (130 cm), and the movable length is 4.33 inches (11 cm).



Image: A pair of handle grips with dimensions. Each grip is 4.45 inches (113 mm) long, with an inner diameter of 0.87 inches (22 mm).

4. Setup and Installation

Installation of the QAZAKY Twist Throttle Accelerator Handle Grip Cable Set requires basic mechanical knowledge and tools. If you are unsure about any step, consult a qualified technician.

General Installation Steps:

1. **Preparation:** Ensure the vehicle's engine is off and cool. Disconnect the battery if necessary.
2. **Remove Old Components:** Carefully remove the existing throttle assembly, handle grips, and accelerator cable. Note the routing of the old cable for reference.
3. **Install New Grips:** Slide the new handle grips onto the handlebars. The right grip typically integrates with the

throttle tube. Ensure they fit snugly on 7/8 inch (22mm) handlebars.

4. **Assemble Throttle Housing:** Attach the twist throttle housing to the right handlebar. Secure it with the provided screws or clamps, ensuring it does not interfere with other controls.
5. **Connect Accelerator Cable:** Route the new accelerator cable from the throttle housing to the carburetor or fuel injection system. Ensure the cable follows the original path, avoiding sharp bends, kinks, or areas where it could be pinched or snagged.
6. **Attach Cable to Throttle:** Connect the throttle cable end to the twist throttle mechanism inside the housing.
7. **Attach Cable to Carburetor/EFI:** Connect the other end of the accelerator cable to the carburetor or fuel injection system, following the vehicle manufacturer's instructions for proper attachment and adjustment.
8. **Adjust Cable Tension:** Adjust the cable tension to ensure smooth throttle operation with no binding and proper return to the idle position when released. There should be a small amount of free play (typically 1-3mm) before the throttle begins to open.
9. **Test Operation:** With the engine off, twist the throttle fully and release it several times to ensure smooth movement and full return. Check for any sticking or resistance.
10. **Final Check:** Once installed, double-check all connections and ensure all components are securely fastened.

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Video: A visual demonstration of the QAZAKY Twist Throttle Accelerator Handle Grip Cable Set components and their general appearance, useful for understanding the parts before installation.

5. Operating Instructions

The twist throttle operates by rotating the right handle grip. This rotation pulls the accelerator cable, which in turn opens the throttle on the carburetor or fuel injection system, increasing engine RPM.

- **Acceleration:** Rotate the grip towards you (typically counter-clockwise) to increase engine speed.
- **Deceleration:** Release the grip to allow it to return to the idle position, reducing engine speed. Ensure the throttle returns freely and completely.
- **Safety Check:** Always perform a pre-ride inspection to ensure the throttle operates smoothly and returns to idle without sticking.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your throttle assembly and cable.

- **Cable Lubrication:** Periodically lubricate the accelerator cable to ensure smooth operation and prevent corrosion. Use a suitable cable lubricant.
- **Grip Inspection:** Check the handle grips for wear, tears, or looseness. Replace them if they are damaged or no longer provide adequate grip.
- **Throttle Housing Inspection:** Inspect the throttle housing for any cracks, damage, or loose fasteners. Ensure the throttle tube rotates freely within the housing.
- **Cable Adjustment:** Re-adjust cable tension as needed to maintain the correct amount of free play.
- **Cleaning:** Keep the throttle assembly and grips clean from dirt and debris. The product is designed to be waterproof and dustproof, but regular cleaning helps maintain performance.

7. Troubleshooting

If you encounter issues with your QAZAKY Twist Throttle Accelerator Handle Grip Cable Set, consider the following:

Problem	Possible Cause	Solution
Throttle sticks or does not return smoothly.	• Cable binding or kinked. • Insufficient cable lubrication. • Throttle housing or grip interference. • Incorrect cable tension.	• Check cable routing for obstructions or sharp bends. • Lubricate the accelerator cable. • Ensure grips and housing are not rubbing against other components. • Adjust cable tension for proper free play.
Throttle has excessive free play.	• Cable stretched or improperly adjusted.	• Adjust cable tension to reduce free play (1-3mm recommended).
Engine does not respond to throttle input.	• Cable disconnected or broken. • Incorrect installation at carburetor/EFI.	• Inspect cable connections at both ends. • Verify proper attachment and function at the carburetor/EFI.

If troubleshooting steps do not resolve the issue, contact customer support or a qualified technician.

8. Specifications

Feature	Detail
Brand	QAZAKY
Model Number	Z9104-PCA
Vehicle Service Type	Dirt Bike (and other compatible vehicles)
Color	Black
Material	Rubber, Thermoplastic Rubbers
Handlebar Diameter	7/8 inch (22mm)
Grip Length	4.45 inches (113mm)
Accelerator Cable Total Length	51.18 inches (130cm)
Accelerator Cable Movable Length	4.33 inches (11cm)
Item Weight	0.71 Pounds (0.32 kg)
Package Dimensions (L x W x H)	8.11 x 7.32 x 2.76 inches
Date First Available	August 21, 2014

9. Warranty Information

This QAZAKY product comes with a**1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. It does not cover damage resulting from improper installation, misuse, neglect, accidents, or unauthorized modifications.
For warranty claims, please retain your proof of purchase and contact customer support.

10. Customer Support

QAZAKY is committed to providing high-quality products and excellent customer service. If you have any questions, concerns, or require assistance with your product, please do not hesitate to contact us.
Contact Method: Please contact us via Amazon message for prompt assistance.
Our team is dedicated to ensuring your satisfaction and resolving any issues you may encounter.

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