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- › EasQjK /
- › EasQjK S156 Drone Brushless Motor Set 4 Instruction Manual

EasQjK EasQjK77521

EasQjK S156 Drone Brushless Motor Set 4 Instruction Manual

Model: EasQjK77521 | Brand: EasQjK

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your EasQjK S156 Drone Brushless Motor Set 4. This motor set is specifically designed as a spare part for the S156 Drone, enhancing its flight performance and supporting obstacle avoidance capabilities. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

SAFETY INFORMATION

- Always disconnect power from the drone before installing or replacing any components.
- Handle electronic components with care to avoid static discharge.
- Ensure all connections are secure and correctly oriented before powering on the drone.
- Keep small parts away from children.
- If you are unsure about any installation step, seek professional assistance.

SETUP AND INSTALLATION

This motor set is designed for direct replacement in the S156 Drone. Ensure you have the necessary small tools, such as a miniature screwdriver set, before beginning the installation process.

1. **Preparation:** Power off your S156 drone and remove the battery. Carefully open the drone's casing to access the motor compartments.
2. **Remove Old Motor:** Disconnect the wiring from the old motor and carefully remove it from its mounting. Note the orientation and wiring connections for the new motor.
3. **Install New Motor:** Place the new EasQjK brushless motor into the designated compartment. Ensure it fits securely.
4. **Connect Wiring:** Connect the motor's wires to the drone's flight controller or ESC (Electronic Speed Controller) according to the drone's original wiring configuration. Pay close attention to the color coding of the wires (red, black, white, yellow, blue, green as seen in the image).
5. **Secure Components:** Once the motor is connected, carefully reassemble the drone's casing, ensuring no wires are pinched.

6. **Test:** Reinsert the battery and perform a low-power test to ensure the motor spins correctly and smoothly.



Image: Components of the EasQjK S156 Drone Brushless Motor Set 4. This image displays the brushless motor, a small circuit board, and various colored wires (red, black, white, yellow, blue, green) with connectors, illustrating the complete set for installation.

OPERATING PRINCIPLES

The EasQjK brushless motor set is an integral part of the S156 Drone's propulsion system. Brushless motors offer higher efficiency and durability compared to brushed motors, making them ideal for drone applications. When properly installed, these motors work in conjunction with the drone's flight controller to provide stable lift and precise maneuverability. The integrated system supports the drone's obstacle avoidance operation by providing reliable power and response.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the motors for any signs of wear, damage, or debris accumulation.
- **Cleaning:** Use a soft brush or compressed air to gently remove dust and dirt from the motor and surrounding areas.

Avoid using liquids directly on the motor.

- **Wire Check:** Ensure all wiring connections remain secure and free from fraying or damage.
- **Storage:** When not in use, store the drone and its components in a clean, dry environment, away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor not spinning	Loose wire connection, damaged motor, ESC issue.	Check all wiring connections. Inspect the motor for visible damage. Consult the drone's main manual for ESC troubleshooting.
Unusual noise from motor	Debris in motor, damaged bearings, unbalanced propeller (if attached).	Clean the motor. Inspect for physical damage. Ensure propellers are balanced and securely attached.
Reduced flight performance	Motor degradation, incorrect installation.	Verify correct installation. Consider replacing the motor if it's old or heavily used.

SPECIFICATIONS

Feature	Detail
Model Name	EasQjK77521
Brand	EasQjK
Compatible Drone	S156 Drone
Motor Type	Brushless
Package Dimensions	0.39 x 0.39 x 0.39 inches
Item Weight	1.76 ounces (50 Grams)
Assembly Required	No (for the motor set itself, but installation into drone is required)
Number of Pieces	1 (referring to the set)

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please refer to the official EasQjK website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, you may visit the product page on Amazon: [EasQjK S156 Drone Brushless Motor Set 4](#)