

HASAKEE Q9S Motors

HASAKEE Q9S Drone Motor Installation Guide

Model: Q9S Motors

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective replacement of the anti-clockwise and clockwise motors for your HASAKEE Q9S drone. Please read all instructions carefully before proceeding with installation to ensure proper function and to prevent damage to your drone.

2. SAFETY INFORMATION

- Always ensure the drone's power is completely off and the battery is disconnected before performing any maintenance or installation.
- Use appropriate tools to avoid stripping screws or damaging components.
- Keep small parts away from children and pets.
- If you are unsure about any step, seek professional assistance or contact HASAKEE support.
- Do not attempt to modify the motors or drone components beyond the instructions provided.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Anti-clockwise Motor for Q9S Drone
- 1x Clockwise Motor for Q9S Drone

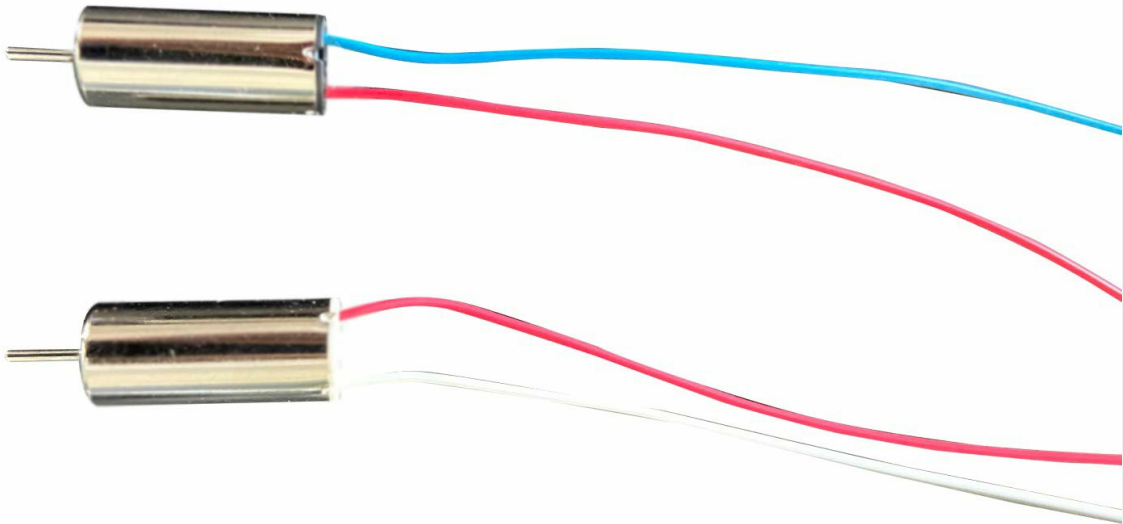


Image 3.1: HASAKEE Q9S Drone Motors (Anti-clockwise and Clockwise). This image shows the two replacement motors included in the package, ready for installation.

4. SETUP AND PREPARATION

Before beginning the motor replacement process, ensure you have the following:

- Small Phillips head screwdriver
- Clean, well-lit workspace
- The HASAKEE Q9S drone with power off and battery disconnected

5. MOTOR INSTALLATION (REPLACEMENT)

Follow these steps carefully to replace a motor on your Q9S drone:

1. **Identify the Motor Type:** The Q9S drone uses two types of motors: anti-clockwise (typically with black and white wires) and clockwise (typically with red and blue wires). Ensure you are replacing the correct motor type for the specific arm. The drone's arms are usually marked, or you can observe the wire colors of the motor you are replacing.
2. **Remove Propeller:** Gently pull off the propeller from the motor shaft of the arm where you are

replacing the motor. Some propellers may have a small screw; if so, unscrew it first.

3. **Access Motor Housing:** Locate the screws holding the motor housing or drone arm cover in place. Carefully unscrew them and remove the cover to expose the motor and its wiring.
4. **Disconnect Old Motor:** Carefully disconnect the wires of the faulty motor from the drone's circuit board. Note the orientation and connection points. Some motors may be soldered; if so, desoldering will be required. If they are plug-and-play, gently pull the connector.
5. **Remove Old Motor:** Unscrew any screws holding the motor itself to the drone arm. Carefully remove the old motor.
6. **Install New Motor:** Place the new motor into the motor housing, ensuring it fits correctly. Secure it with the screws previously removed.
7. **Connect New Motor:** Connect the wires of the new motor to the corresponding points on the drone's circuit board. Ensure the correct motor type (anti-clockwise or clockwise) is connected to its designated position. If soldering, ensure clean and secure connections.
8. **Reassemble:** Replace the motor housing cover and secure it with its screws. Reattach the propeller, ensuring it is firmly seated and spins freely without obstruction.
9. **Initial Test:** Reconnect the drone battery. Perform a brief test flight or motor spin test (if available in the drone's app) to ensure the new motor functions correctly and the drone is stable.

6. MAINTENANCE

- Regularly inspect motors and propellers for any signs of damage, dirt, or debris.
- Keep the drone clean, especially around the motors, to prevent dust and particles from affecting performance.
- Ensure propellers are balanced and free from nicks or bends, as this can stress the motors.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor not spinning after replacement.	Incorrect wiring, loose connection, or incorrect motor type installed.	Check wire connections for proper polarity and secure fit. Verify that the correct anti-clockwise or clockwise motor is in the right position.
Drone unstable after motor replacement.	Propeller not installed correctly, damaged propeller, or incorrect motor type.	Ensure propellers are firmly attached and not damaged. Double-check that the correct motor type is installed on each arm. Perform drone calibration if available.
Motor making unusual noise.	Debris in motor, loose propeller, or motor defect.	Inspect the motor for any foreign objects. Ensure the propeller is securely attached. If the issue persists, the motor may be faulty.

8. SPECIFICATIONS

- **Model:** Q9S Motors
- **Compatibility:** Specifically designed for HASAKEE Q9S Drone (Not compatible with Q9 drone)

- **Package Contents:** 1x Anti-clockwise Motor, 1x Clockwise Motor
- **Manufacturer:** HASAKEE
- **ASIN:** B08GSFR4MW
- **UPC:** 616859787193

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the original HASAKEE Q9S drone manual or visit the official HASAKEE website. You may also contact your retailer for assistance.

Please have your product model number (Q9S Motors) and purchase details ready when contacting support.