

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [YOWSOM](#) /

› [YOWSOM Haojue DH HJ125-27 Motorcycle Starter Motor User Manual](#)

YOWSOM YXSM789

YOWSOM Haojue DH HJ125-27 Motorcycle Starter Motor User Manual

Model: YXSM789

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the YOWSOM Haojue DH HJ125-27 Motorcycle Starter Motor (Model: YXSM789). Please read these instructions carefully before installation and use to ensure safe and efficient performance. This product is designed as a replacement or repair part for faults and defects in the specified motorcycle model.

2. PRODUCT OVERVIEW

The YOWSOM Starter Motor is engineered to convert electrical energy from the motorcycle battery into mechanical energy, initiating the engine's rotation for starting. Key features include:

- Designed for Haojue DH HJ125-27 motorcycles.
- Constructed for durability and water resistance.
- Features a carbon brush type.
- Intended for direct replacement of original parts.



Figure 1: YOWSOM Haojue DH HJ125-27 Motorcycle Starter Motor. This image shows the complete starter motor unit, featuring its cylindrical body, drive gear, electrical terminal, and mounting points.

3. INSTALLATION INSTRUCTIONS

Installation of the YOWSOM Starter Motor is designed to be straightforward, replacing the existing unit. While the process is simplified, professional installation is recommended if you are unfamiliar with motorcycle electrical systems or engine components.

1. **Safety First:** Ensure the motorcycle's ignition is off and the battery's negative terminal is disconnected before beginning any work to prevent electrical shock or short circuits.
2. **Locate Existing Starter Motor:** Identify the current starter motor on your Haojue DH HJ125-27 motorcycle. Refer to your motorcycle's service manual for exact location if needed.
3. **Disconnect Wiring:** Carefully disconnect all electrical connections from the old starter motor. Note the position of each wire for correct re-connection.
4. **Remove Mounting Bolts:** Unscrew and remove the bolts securing the old starter motor to the engine casing.
5. **Remove Old Unit:** Gently pull the old starter motor out from its housing.
6. **Install New Starter Motor:** Insert the YOWSOM Starter Motor into the housing, ensuring it seats correctly.

7. **Secure Mounting Bolts:** Re-install and tighten the mounting bolts to secure the new starter motor. Do not overtighten.
8. **Reconnect Wiring:** Reconnect all electrical wires to the new starter motor, ensuring a secure and correct connection.
9. **Reconnect Battery:** Reconnect the negative terminal of the motorcycle battery.
10. **Test Functionality:** Attempt to start the motorcycle to verify proper operation of the new starter motor.

Note: This product is not an original manufacturer's part but a compatible replacement.

4. OPERATING INSTRUCTIONS

Once installed, the starter motor operates as part of the motorcycle's ignition system. Its function is automatic upon activation of the starter button.

- Ensure the motorcycle is in neutral or the clutch is engaged (if applicable) and the kickstand is up, according to your motorcycle's safety protocols.
- Turn the ignition key to the "ON" position.
- Press and hold the starter button. The starter motor will engage, turning the engine over until it starts.
- Release the starter button once the engine has started. Avoid prolonged cranking to prevent overheating the starter motor and draining the battery.

5. MAINTENANCE

The YOWSOM Starter Motor is designed for durability and requires minimal routine maintenance. However, adhering to general electrical component care can extend its lifespan.

- **Keep Connections Clean:** Periodically inspect electrical connections to the starter motor and battery for corrosion. Clean any corrosion with a wire brush and battery terminal cleaner.
- **Check Wiring:** Ensure all wiring is securely connected and free from fraying or damage.
- **Battery Health:** A healthy motorcycle battery is crucial for starter motor performance. Ensure your battery is fully charged and in good condition.
- **Avoid Over-cranking:** Do not continuously crank the engine for extended periods if it fails to start. This can overheat the starter motor. Allow it to cool down between attempts.
- **Water Resistance:** While the unit is water-resistant, avoid direct high-pressure water sprays on the starter motor during cleaning.

6. TROUBLESHOOTING

If you experience issues with your starter motor, consider the following common troubleshooting steps:

- **Starter Motor Does Not Turn:**
 - Check battery charge level. A low battery is a common cause.
 - Inspect battery terminals and starter motor connections for looseness or corrosion.
 - Verify the motorcycle's kill switch is in the "RUN" position and the transmission is in neutral or clutch engaged.
 - Check for blown fuses related to the starting circuit.
- **Starter Motor Turns Slowly:**
 - Indicates a weak battery or poor electrical connections. Recharge or replace the battery.

- Clean and tighten all electrical connections.
- **Clicking Sound, No Crank:**
 - Often points to a low battery or a faulty starter solenoid.
 - Ensure battery voltage is sufficient.

If these steps do not resolve the issue, it is recommended to consult a qualified motorcycle mechanic.

7. SPECIFICATIONS

Model Number	YXSM789
Compatibility	Haojue DH HJ125-27 Motorcycle
Brush Type	Carbon
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	2.65 pounds
Assembly Required	No (for the starter motor itself)
Number of Pieces	1 (starter motor unit)

8. SUPPORT AND CUSTOMER SATISFACTION

YOWSOM is committed to customer satisfaction. If you encounter any issues or have questions regarding your starter motor that are not addressed in this manual, please contact our customer support. We aim to address all concerns promptly.

For further assistance, please refer to the contact information provided with your purchase or on the YOWSOM official website.