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› EOQIFJM Motorcycle Engine Seal Kit Installation Manual for Lifan CG125/CG150 and Keeway 125/150 Engines (150cc 62mm)

## EOQIFJM EOQIFJM147 (150cc 62mm)

# EOQIFJM Motorcycle Engine Seal Kit Installation Manual

For Lifan CG125/CG150 and Keeway 125/150 Engines (150cc 62mm)

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## 1. INTRODUCTION

This manual provides essential information for the proper installation and maintenance of your EOQIFJM Motorcycle Engine Seal Kit. This kit is designed as an aftermarket replacement for various Lifan and Keeway motorcycle engines. Please read these instructions thoroughly before beginning any installation to ensure correct procedure and optimal performance.

This specific kit is for **150cc 62mm** engine models, compatible with Lifan CG125 (156FMI, 157FMI) and CG150 (162FMI), as well as Keeway CG 125 and 150 models. The contents of the kit may vary slightly between 125cc and 150cc versions. Always verify the received parts against your specific engine requirements.

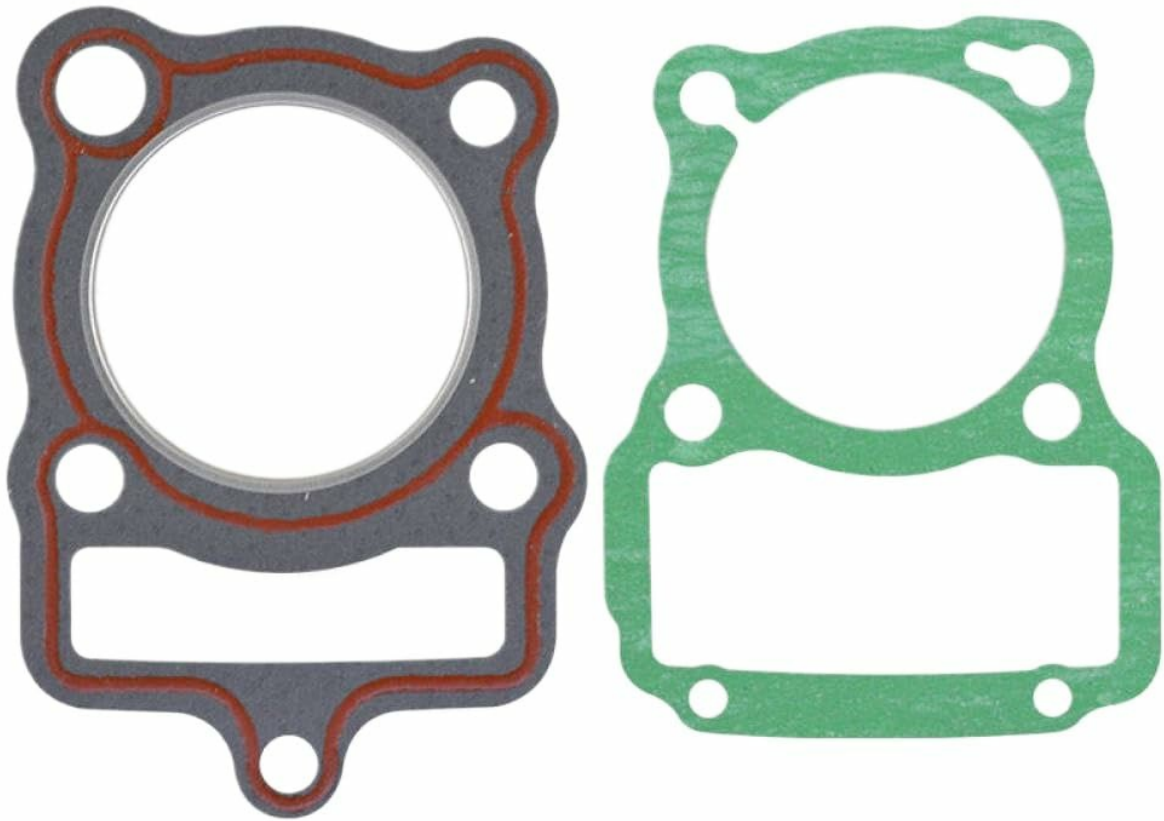


Figure 1: Example of an EOQIFJM Motorcycle Engine Seal Kit. The actual contents may vary based on the specific engine displacement (e.g., 125cc vs. 150cc).

## 2. SETUP AND INSTALLATION

### 2.1 Pre-Installation Checks

- **Verify Compatibility:** Before opening the kit, confirm that the model number and specifications match your motorcycle's engine. This kit is for 150cc 62mm engines.
- **Inspect Parts:** Carefully unpackage all seals and gaskets. Inspect each component for any signs of damage, tears, or manufacturing defects. Do not install damaged parts.
- **Compare with Old Parts:** It is highly recommended to compare each new seal and gasket with the old parts removed from your engine. This helps ensure correct fitment and identifies any potential discrepancies. If significant differences are noted, contact your supplier before proceeding.
- **Clean Surfaces:** Ensure all mating surfaces on the engine are thoroughly cleaned and free of old gasket material, oil residue, and debris. Use appropriate gasket removers and cleaning agents as needed.

### 2.2 General Installation Guidelines

Engine seal replacement is a complex procedure that often requires specialized tools and mechanical

expertise. If you are not confident in your ability to perform this task, it is strongly recommended to seek assistance from a qualified motorcycle mechanic.

1. **Refer to Engine Service Manual:** Always consult your specific motorcycle engine's official service manual for detailed, step-by-step instructions on disassembling and reassembling the engine components that require new seals. This manual will provide torque specifications, assembly sequences, and special tool requirements.
2. **Lubrication:** Lightly lubricate rubber seals with clean engine oil before installation to aid in seating and prevent damage during assembly.
3. **Proper Seating:** Ensure all seals and gaskets are seated correctly and evenly without crimping or tearing. Improper seating can lead to leaks.
4. **Torque Specifications:** Adhere strictly to the torque specifications provided in your engine's service manual for all fasteners. Overtightening or undertightening can cause leaks or damage components.
5. **Component Order:** Follow the correct order for reassembling engine components as specified in your service manual.

### 3. POST-INSTALLATION AND OPERATION

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After the engine seal kit has been installed and the engine reassembled, perform the following checks before operating the motorcycle:

- **Fluid Levels:** Ensure all engine fluids (engine oil, coolant if applicable) are at their correct levels.
- **Leak Check:** Start the engine and allow it to idle. Carefully inspect all areas where seals and gaskets were replaced for any signs of oil or fluid leaks.
- **Initial Run-in:** Follow your engine manufacturer's recommendations for initial run-in or break-in procedures after major engine work. This typically involves gentle operation for a specified period to allow new components to seat properly.
- **Monitor Performance:** Pay close attention to engine performance, unusual noises, or warning lights during the first few rides.

### 4. MAINTENANCE

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Proper maintenance is crucial for the longevity of your engine seals and overall engine health. Adhere to your motorcycle manufacturer's recommended service schedule.

- **Regular Oil Changes:** Use the recommended type and grade of engine oil and change it at the prescribed intervals. Clean oil helps prevent premature wear on seals.
- **Fluid Level Checks:** Regularly check engine oil and other fluid levels. Low fluid levels can lead to overheating and seal damage.
- **Visual Inspections:** Periodically inspect the engine for any signs of oil leaks around the crankcase, cylinder head, and other sealed areas. Address minor leaks promptly to prevent further damage.
- **Avoid Overheating:** Ensure your engine's cooling system is functioning correctly to prevent overheating, which can degrade seal materials.

### 5. TROUBLESHOOTING

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If you encounter issues after installing the engine seal kit, consider the following common problems and solutions:

Problem	Possible Cause	Solution
<b>Oil Leakage</b>	Improperly seated gasket/seal, damaged seal during installation, incorrect torque on fasteners, warped mating surface.	Re-inspect the affected area. Disassemble, clean surfaces, replace the faulty seal/gasket, and reassemble with correct torque. Ensure surfaces are flat.
<b>Engine Overheating</b>	Incorrect assembly affecting coolant flow (if applicable), low fluid levels, unrelated cooling system issue.	Check coolant levels and circulation. Verify all hoses and connections are secure. Consult a mechanic if the issue persists.
<b>Unusual Engine Noises</b>	Incorrect assembly, loose components, internal engine damage.	Immediately stop the engine. Re-check all assembled components. Seek professional diagnosis to prevent further damage.

If troubleshooting steps do not resolve the issue, or if you are unsure about the cause, it is recommended to consult a professional motorcycle mechanic.

## 6. SPECIFICATIONS

The following specifications apply to the EOQIFJM Motorcycle Engine Seal Kit (Model: EOQIFJM147, 150cc 62mm version):

**Product Dimensions:** 12 x 8 x 3 inches

**Item Weight:** 4.2 ounces

**Manufacturer:** EOQIFJM

**ASIN:** B0FSL24JJK

**Item Model Number:** EOQIFJM147

**Compatibility:** Lifan CG125 (156FMI, 157FMI), Lifan CG150 (162FMI), Keeway CG 125, Keeway CG 150 (150cc 62mm engine variants)

## 7. WARRANTY AND SUPPORT

### 7.1 Compatibility Disclaimer

This product is an aftermarket replacement part. Any brand names or model designations mentioned (e.g., Lifan, Keeway, CG125, CG150) are used solely for the purpose of demonstrating compatibility and fitment. This product is not manufactured by or endorsed by the original equipment manufacturers (OEMs) of these motorcycles.

### 7.2 Product Warranty

For specific warranty information regarding this EOQIFJM product, please refer to the terms and conditions provided by your point of purchase or contact the seller directly. Aftermarket parts typically carry a limited warranty against manufacturing defects.

### 7.3 Customer Support

If you have questions about the installation, compatibility, or performance of your EOQIFJM Engine Seal Kit, please contact the seller or manufacturer through the platform where you purchased the product. When contacting support, please provide your purchase details, the specific model of your motorcycle, and a clear description of your inquiry or issue.

