

AHL AXC-12*4

AHL Carburetor Repair Kit Instruction Manual

For Kawasaki ZX400L, ZXR400L, ZX600D, ZZR600D, ZX600E, ZZR600E Motorcycles

1. INTRODUCTION

This instruction manual provides essential information regarding the AHL Carburetor Repair Kit. This kit is designed to restore the performance of your motorcycle's carburetor by replacing worn or damaged internal components. Please read this manual thoroughly before attempting any installation or repair.

2. COMPATIBILITY

This AHL Carburetor Repair Kit (Model AXC-12*4) is compatible with the following Kawasaki motorcycle models and years:

- KAWASAKI ZX400L ZXR400L: 1991-1999
- KAWASAKI ZX600D ZZR600D: 1990-1992
- KAWASAKI ZX600E ZZR600E: 1993-1995

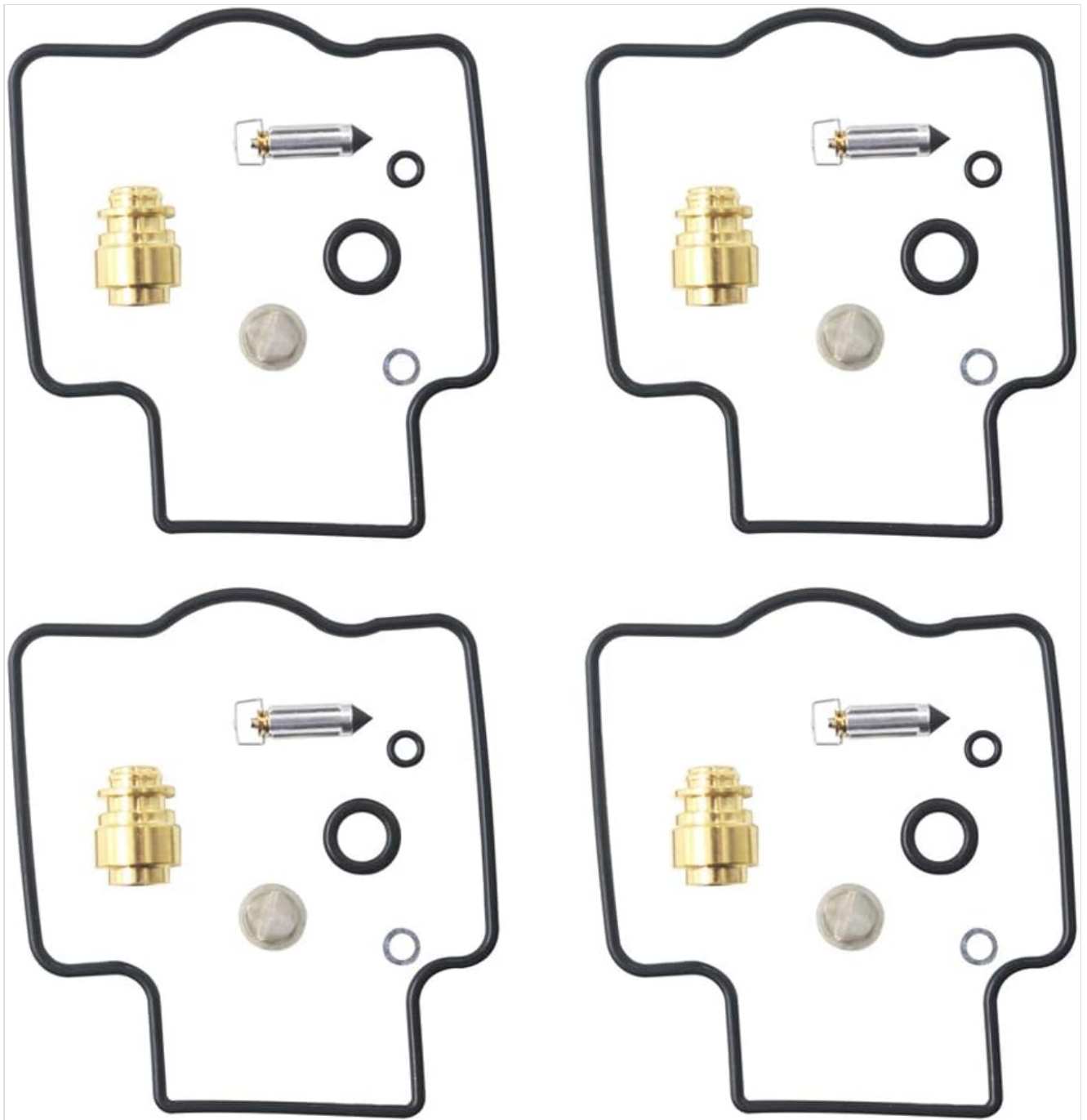
Always verify compatibility with your specific motorcycle's year, make, and model before installation.

3. PACKAGE CONTENTS

Each package contains four (4) complete carburetor repair kits. Each individual kit includes the necessary components to rebuild one carburetor. The typical contents for one kit are:

- Carburetor Bowl Gasket
- Float Needle
- Main Jet
- Assorted O-rings and Seals
- Fuel Filter Screen

Please inspect all items upon receipt to ensure all components are present and undamaged.



This image displays the complete package of four carburetor repair kits. Each kit includes essential components for rebuilding one carburetor, such as the bowl gasket, float needle, main jet, and various O-rings.

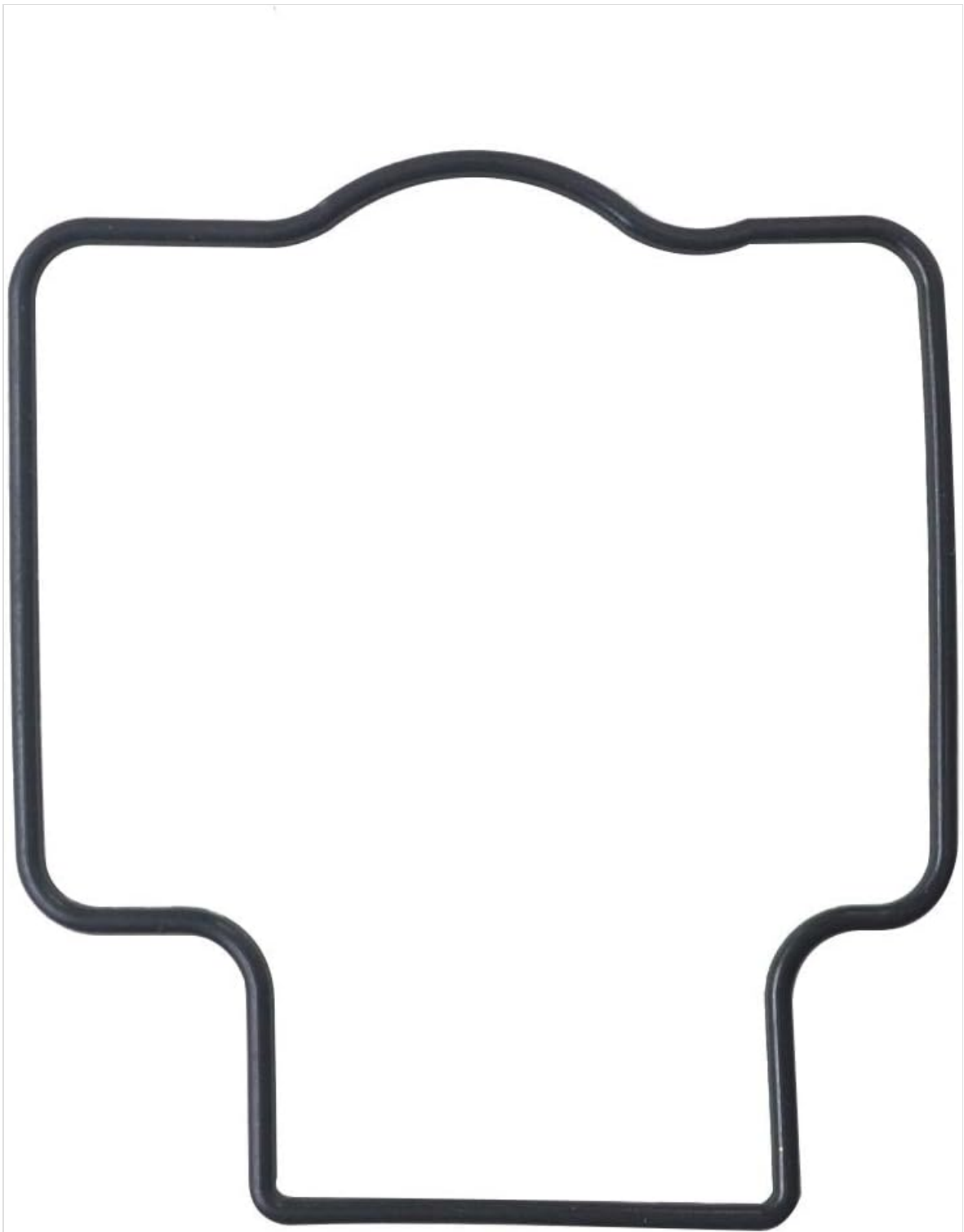
the AHL repair kit. Ensure correct sizing and fitment.

6. **Reassembly:** Reassemble the carburetor(s) carefully, ensuring all components are correctly seated and tightened to specifications.
7. **Installation:** Reinstall the carburetor(s) onto the motorcycle.
8. **Synchronization and Adjustment:** After installation, the carburetors will likely require synchronization and idle mixture adjustments for optimal engine performance. Refer to your motorcycle's service manual for specific procedures.

Important: Always consult your motorcycle's official service manual for detailed, model-specific instructions and torque specifications.



A detailed view of the float needle, responsible for regulating fuel flow into the float bowl, and a brass main jet, which controls fuel delivery at higher engine speeds.



This image shows a single carburetor bowl gasket, designed to create a seal between the carburetor body and the float bowl, preventing fuel leaks.



Various O-rings of different sizes are shown, used for sealing different components within the carburetor, alongside a small mesh screen, likely for filtering fuel.

5. MAINTENANCE

Once installed, the components of this repair kit are designed for long-term performance. Regular motorcycle maintenance, including fuel system checks and proper fuel storage, will help prolong the life of your carburetor components. If your motorcycle is stored for extended periods, consider using a fuel stabilizer to prevent fuel degradation and carburetor clogging.

6. TROUBLESHOOTING

If you experience issues after installing the repair kit, consider the following common troubleshooting steps:

- **Fuel Leaks:** Recheck all gaskets and O-rings for proper seating and damage. Ensure carburetor bowl screws are tightened correctly.
- **Poor Engine Performance (Rough Idle, Stalling):** This often indicates incorrect carburetor synchronization or improper fuel mixture settings. Refer to your service manual for adjustment procedures.
- **No Start/Hard Start:** Verify fuel flow to the carburetors. Check float levels and ensure float needles are not sticking. Confirm all jets are clear and correctly installed.
- **Engine Runs Rich/Lean:** Adjust the idle mixture screws according to your service manual. Ensure correct main and pilot jets are installed.

For persistent issues, professional diagnosis is recommended.

7. SPECIFICATIONS

Brand	AHL
Model Number	AXC-12*4
Item Weight	1.69 ounces (approx. 48 grams)
Package Dimensions	4.13 x 4.06 x 2.05 inches
UPC	769891442725
Specific Uses For Product	Performance (Carburetor Repair)

8. WARRANTY AND SUPPORT

For information regarding product warranty or technical support, please contact AHL directly through their official channels or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question