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› RATION 2-Pack Carburetor Rebuild Kit Instruction Manual for Walbro WT58, WT59, WT62, WT26, WT57

RATION WT58, WT59, WT62, WT26, WT57

RATION 2-Pack Carburetor Rebuild Kit Instruction Manual

For Walbro WT58, WT59, WT62, WT26, WT57 Carburetors

1. INTRODUCTION

This instruction manual provides essential information for the proper use, installation, and maintenance of your RATION 2-Pack Carburetor Rebuild Kit. This kit is designed to restore optimal performance to compatible Walbro carburetors. Please read this manual thoroughly before attempting any repairs or installations.

2. PRODUCT OVERVIEW

The RATION 2-Pack Carburetor Rebuild Kit provides a comprehensive set of replacement components for two Walbro carburetors. These kits are crucial for maintaining the fuel system of small engines, ensuring efficient fuel delivery and reliable operation. Regular maintenance and timely replacement of worn carburetor components can prevent common engine issues such as poor starting, rough idling, and reduced power.

Compatibility: This kit is specifically designed for Walbro carburetor models WT58, WT59, WT62, WT26, and WT57.

3. SAFETY INFORMATION

Always prioritize safety when working with fuel systems and small engines. Failure to follow safety precautions can result in injury or damage.

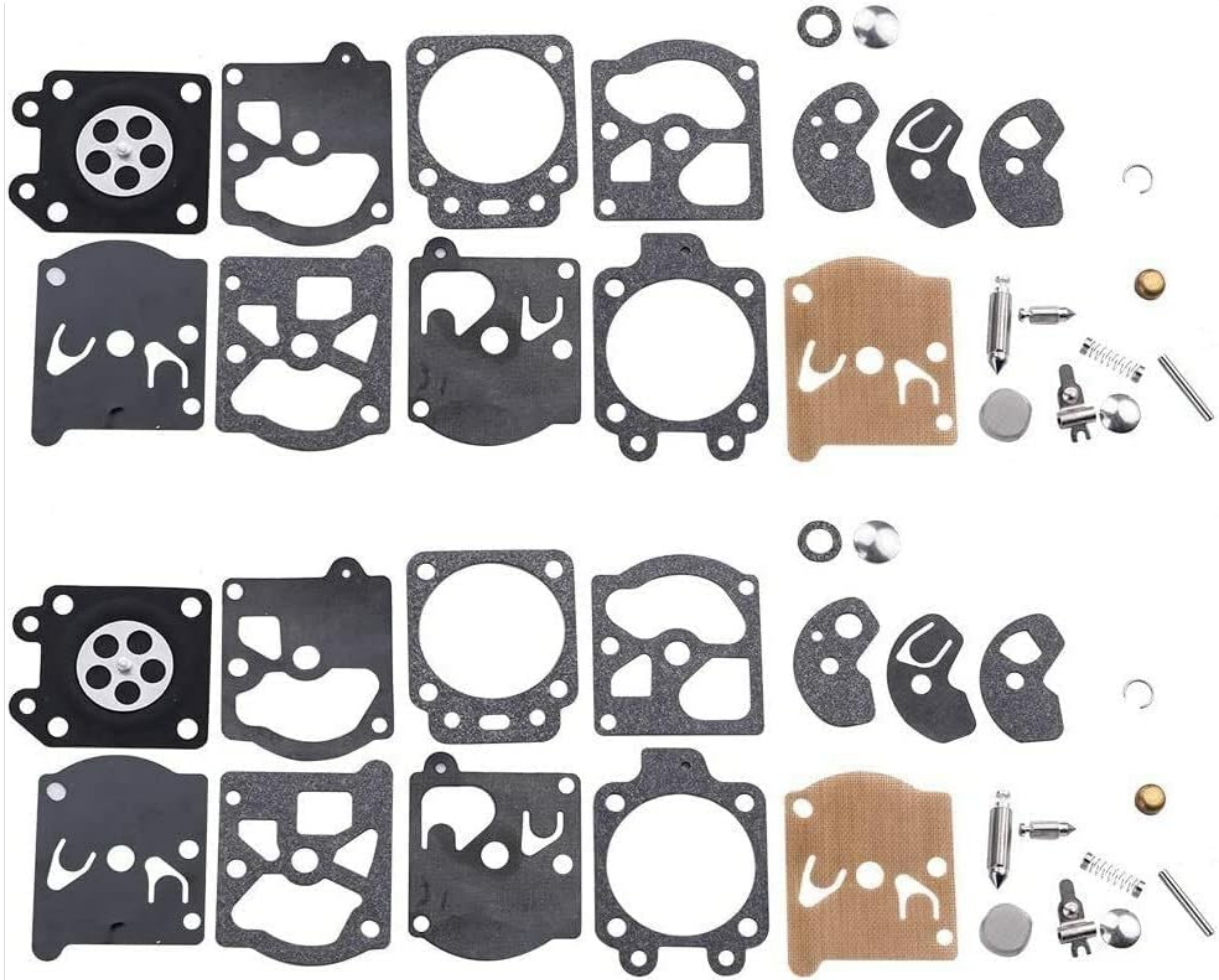
- Ensure the engine is turned off and cooled down before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area to avoid inhaling fuel fumes.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Handle fuel with extreme care. Keep open flames, sparks, and other ignition sources away from fuel.
- Dispose of old fuel and parts responsibly according to local regulations.
- If you are unsure about any step, consult a qualified technician or the specific carburetor's service

manual.

4. PACKAGE CONTENTS

Each RATION 2-Pack Carburetor Rebuild Kit contains the following components for two carburetors:

- Diaphragms
- Gaskets (various shapes and sizes)
- Fuel inlet needles
- Springs
- Other small metal components



This image displays the complete contents of the RATION 2-Pack Carburetor Rebuild Kit. It includes two sets of components, each featuring multiple gaskets of different shapes and sizes, rubber diaphragms, a fuel inlet needle, a spring, and other small metal parts necessary for a comprehensive carburetor overhaul. The components are laid out neatly against a white background, illustrating the variety of parts provided for two separate carburetor rebuilds.

5. SETUP AND INSTALLATION

Carburetor rebuilding requires careful attention to detail. It is highly recommended to refer to the specific service manual for your Walbro carburetor model (WT58, WT59, WT62, WT26, or WT57) for detailed, step-by-step instructions and torque specifications.

General Installation Steps:

1. **Disassembly:** Carefully remove the carburetor from the engine. Disassemble the carburetor, paying close attention to the order and orientation of all components. Take photos or make diagrams if

necessary.

2. **Cleaning:** Thoroughly clean all carburetor components. Use a carburetor cleaner to remove fuel varnish, carbon deposits, and debris. Ensure all passages and jets are clear.
3. **Inspection:** Inspect the carburetor body for any damage, cracks, or excessive wear. Replace the carburetor if significant damage is found.
4. **Component Replacement:** Replace all old gaskets, diaphragms, fuel inlet needle, and other worn components with the new parts from the RATION rebuild kit. Ensure each new part matches the old one in size and shape.
5. **Reassembly:** Reassemble the carburetor in reverse order of disassembly. Ensure all screws are tightened to the manufacturer's specifications (refer to your carburetor's service manual).
6. **Reinstallation:** Reinstall the rebuilt carburetor onto the engine, ensuring all fuel lines and linkages are correctly connected.

6. OPERATION (POST-REBUILD CHECKS)

After rebuilding and reinstalling the carburetor, perform the following checks before operating the engine:

- **Fuel Leaks:** Check all fuel lines and carburetor connections for any signs of fuel leaks. Address any leaks immediately.
- **Engine Start-up:** Start the engine according to the manufacturer's instructions. It may take a few pulls for fuel to prime the carburetor.
- **Idle Adjustment:** Once the engine is warm, adjust the idle speed and mixture screws as needed to achieve a smooth and stable idle. Refer to your engine's service manual for specific adjustment procedures.
- **Performance Check:** Test the engine under various loads to ensure proper acceleration and power delivery.

7. MAINTENANCE

Regular maintenance helps prolong the life of your carburetor and engine.

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can clog carburetor passages and degrade rubber components.
- **Fuel Filter:** Regularly inspect and replace the fuel filter to prevent debris from reaching the carburetor.
- **Air Filter:** Keep the air filter clean to ensure proper air-fuel mixture and prevent dirt from entering the carburetor.
- **Storage:** If storing the engine for an extended period, drain the fuel system or use a fuel stabilizer to prevent fuel degradation and carburetor issues.

8. TROUBLESHOOTING

If you encounter issues after rebuilding your carburetor, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine won't start	Incorrect assembly, clogged fuel passage, fuel inlet needle stuck, no fuel.	Recheck assembly, clean passages, ensure fuel flow, check fuel level.
Rough idle / Stalling	Improper idle adjustment, air leak, clogged idle jet, diaphragm installed incorrectly.	Adjust idle screws, check for air leaks, clean idle jet, verify diaphragm installation.
Fuel leaks	Damaged gasket, loose screws, improperly seated fuel inlet needle.	Inspect and replace gaskets, tighten screws, reseal fuel inlet needle.
Lack of power	Clogged main jet, incorrect fuel mixture, air filter dirty.	Clean main jet, adjust mixture, clean/replace air filter.

9. SPECIFICATIONS

- **Product:** Carburetor Rebuild Kit (2-Pack)
- **Brand:** RATION
- **Compatibility:** Walbro WT58, WT59, WT62, WT26, WT57 Carburetors
- **Manufacturer:** RATION

10. WARRANTY AND SUPPORT

For any questions regarding the RATION 2-Pack Carburetor Rebuild Kit, or if you require assistance with installation or troubleshooting, please contact the seller or manufacturer directly through your purchase platform. Please have your order details available when contacting support.