

OZACWZNBD-C

# Carburetor Repair Kit fit for Yamaha SR250 Mikuni BS34 with Float Parts(C) Instruction Manual

Model: OZACWZNBD-C | Brand: Generic

## INTRODUCTION

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of the Carburetor Repair Kit fit for Yamaha SR250 Mikuni BS34 with Float Parts(C). This kit is designed to restore the optimal performance of your carburetor by replacing worn or damaged components. Please read this manual thoroughly before beginning any work.

## SAFETY INFORMATION

Always prioritize safety when working with mechanical components and fuel systems. Ensure the engine is cool before starting work. Disconnect the battery to prevent accidental starts. Work in a well-ventilated area. Wear appropriate personal protective equipment, including gloves and eye protection. Fuel is highly flammable; keep away from open flames and sparks. If you are unsure about any step, consult a qualified mechanic.

## PACKAGE CONTENTS

Verify that all components listed below are present in your kit before beginning installation. The kit includes essential parts for a comprehensive carburetor overhaul.



Image: Overview of the Carburetor Repair Kit components. This image displays the various parts included in the kit, such as main jets, pilot jets, float needle, float bowl gasket, and other small seals and springs, all essential for a complete carburetor rebuild.

- Float bowl gasket
- Main jets (various sizes, e.g., #117.5, #122.5, #127.5)
- Pilot jet (e.g., #47.5)
- Float needle and seat
- Air screw and spring
- Drain screw and O-ring
- Other assorted O-rings and washers
- Float (if applicable, based on image)
- Diaphragm (if applicable, based on image)

## COMPATIBILITY

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This Carburetor Repair Kit is specifically designed to fit Yamaha SR250 motorcycles equipped with Mikuni BS34 carburetors. Please ensure your motorcycle model and carburetor type match this specification for proper fitment and function.

## SETUP AND INSTALLATION

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**Professional installation is recommended** due to the precision required for carburetor tuning and assembly. Follow these steps carefully for proper installation:

### 1. Preparation:

- Ensure the engine is cool.
- Turn off the fuel supply and disconnect the fuel line from the carburetor.
- Remove the carburetor from the motorcycle. Refer to your motorcycle's service manual for specific removal procedures.
- Drain any remaining fuel from the carburetor float bowl.

### 2. Disassembly:

- Carefully disassemble the carburetor, noting the position and orientation of all components. Take photos if necessary.
- Remove the float bowl, float, float needle, main jet, pilot jet, and any other removable components.
- Remove the old gasket and any worn O-rings.

### 3. Cleaning:

- Thoroughly clean all carburetor passages and components using a carburetor cleaner. Ensure all jets and passages are free of debris and clogs.
- Use compressed air to blow out all passages and ensure they are clear.

### 4. Component Replacement:

- Install the new float needle and seat.
- Replace the main jet and pilot jet with the new ones provided in the kit. Ensure the correct jet sizes are used for your application (e.g., #140 main jet, #47.5 pilot jet as indicated on some parts).
- Install the new float, ensuring it pivots freely. Adjust the float height according to your motorcycle's service manual specifications.
- Replace all old O-rings and washers with the new ones from the kit.
- Install the new float bowl gasket, ensuring it is seated correctly to prevent leaks.
- For the diaphragm component (if included and shown in image 51SdotNypRL), ensure it is installed correctly.



Image: Carburetor Diaphragm with dimensions. This image shows a rubber diaphragm component, likely for the vacuum piston, with indicated dimensions (72mm overall, 29mm inner, 19.5mm height). Ensure these dimensions match your original part for proper fitment.

#### 5. Reassembly:

- Reassemble the carburetor, ensuring all screws are tightened to the manufacturer's specifications.
- Reinstall the carburetor onto the motorcycle, reconnecting the fuel line and any other hoses or cables.

#### 6. Initial Start-up and Adjustment:

- Turn on the fuel supply. Check for any leaks.
- Start the engine. It may take a few cranks for fuel to fill the float bowl.
- Adjust the idle speed and air/fuel mixture screw according to your motorcycle's service manual for optimal performance.

## OPERATING (POST-INSTALLATION)

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After successful installation of the repair kit, your carburetor should function optimally, providing smooth engine operation, improved fuel efficiency, and reliable starting. Monitor engine performance closely after the repair. If any issues arise, refer to the troubleshooting section or consult a professional.

## MAINTENANCE

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To ensure the longevity and continued performance of your carburetor after the repair, consider the following maintenance tips:

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can lead to carburetor issues.
- **Fuel Filter:** Regularly check and replace your fuel filter to prevent debris from entering the carburetor.
- **Air Filter:** A clean air filter is crucial for proper air-fuel mixture. Clean or replace it as per your motorcycle's maintenance schedule.
- **Storage:** If storing the motorcycle for an extended period, drain the fuel from the carburetor or use a fuel stabilizer to prevent gumming and varnish buildup.
- **Periodic Inspection:** Periodically inspect the carburetor for any signs of leaks, loose connections, or wear.

## TROUBLESHOOTING

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If you encounter issues after installing the carburetor repair kit, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
Engine won't start or starts with difficulty	Incorrect float height, clogged pilot jet, air leak, improper fuel mixture.	Check float height, re-clean pilot jet, inspect for air leaks around intake manifold, adjust air/fuel mixture screw.
Rough idle or stalling	Clogged pilot jet, air leak, incorrect idle speed adjustment.	Clean pilot jet, check for air leaks, adjust idle speed screw.
Poor acceleration or lack of power	Clogged main jet, incorrect main jet size, diaphragm issue.	Clean main jet, ensure correct main jet is installed, inspect diaphragm for tears or improper seating.
Fuel leaks from carburetor	Damaged or improperly seated float bowl gasket, faulty float needle, incorrect float height.	Inspect and reseal gasket, replace float needle if damaged, adjust float height.

## SPECIFICATIONS

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Key specifications for the Carburetor Repair Kit:

- **Model Number:** OZACWZNBD-C
- **Compatibility:** Yamaha SR250 with Mikuni BS34 Carburetor
- **Package Dimensions:** 7.87 x 7.87 x 3.94 inches
- **Item Weight:** 1.1 pounds
- **Manufacturer:** Generic
- **ASIN:** B0DRXF72V2
- **First Available Date:** December 31, 2024

## WARRANTY AND SUPPORT

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This product is covered by the standard return and warranty policies of the retailer from which it was purchased. For specific warranty details or technical support, please refer to the seller's information on the product listing or contact the manufacturer directly.

For further assistance, you may also consult online forums or professional motorcycle mechanics specializing in Yamaha

SR250 models.

