

ProPart CDK-CV

ProPart Carburetor Rebuild Repair Kit User Manual

Model: CDK-CV

INTRODUCTION

This manual provides detailed instructions for the ProPart Carburetor Rebuild Repair Kit, designed for various Kawasaki Jet Ski models. This kit contains essential components required to restore the performance of your carburetor.

The kit is compatible with the following Kawasaki models:

- 900 STX (2000-2006)
- 1100 ZXi (2000-2003)
- Ultra 150 (1999-2005)
- 1200 STX-R (2002-2005)

Specific models include: 2003, 2002, 2001, 2000 Kawasaki Jet Ski 1100 STX JT1100 DI; 2005, 2004, 2003, 2002 Kawasaki Jet Ski 1200 STX RJT1200; 2006, 2005, 2004, 2003, 2002, 2001, 2000 Kawasaki Jet Ski 900 STX JT900; 2005, 2004, 2003, 2002, 2001, 2000, 1999 Kawasaki Jet Ski Ultra 150 JH1200.

KIT CONTENTS

Each ProPart Carburetor Rebuild Repair Kit includes the following components:

- Internal Gaskets
- Diaphragms
- O-Rings
- Needle & Seats



Image: Overview of the ProPart Carburetor Rebuild Repair Kit components. The image displays multiple sets of gaskets, diaphragms, O-rings, and needle & seats, laid out on a white background, indicating the contents for multiple carburetor rebuilds.

SETUP AND PREPARATION

Before beginning the carburetor rebuild process, ensure you have the necessary tools and a clean workspace. It is recommended to consult a service manual specific to your Kawasaki model for detailed disassembly and reassembly procedures.

1. **Safety First:** Disconnect the battery and ensure the engine is cool before working on the fuel system. Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
2. **Fuel Drainage:** Safely drain all fuel from the carburetor and fuel lines. Dispose of fuel according to local regulations.
3. **Carburetor Removal:** Carefully remove the carburetor from the engine. Note the position of all hoses and linkages for correct reinstallation.
4. **Cleaning:** Thoroughly clean the exterior of the carburetor to prevent debris from entering during disassembly. Use a carburetor cleaner designed for this purpose.

INSTALLATION GUIDELINES

This kit provides replacement parts for worn or damaged carburetor components. Follow these general guidelines for installation:

1. **Disassembly:** Carefully disassemble the carburetor, keeping track of all small parts. Refer to your specific service manual for the correct order of disassembly.
2. **Component Replacement:** Replace old gaskets, diaphragms, O-rings, and needle & seats with the new components from the ProPart kit. Ensure all mating surfaces are clean and free of old gasket material.
3. **Needle & Seat Installation:** Install the new needle and seat assembly. Ensure the needle moves freely within its bore.
4. **Reassembly:** Reassemble the carburetor in reverse order of disassembly. Pay close attention to torque specifications for screws and bolts, if provided in your service manual.
5. **Initial Adjustments:** After reassembly, perform initial carburetor adjustments (e.g., idle mixture screw, idle speed) as per your vehicle's service manual.

Note: Professional installation is recommended if you are unfamiliar with carburetor repair.

MAINTENANCE

Proper maintenance extends the life of your carburetor and ensures optimal engine performance. After rebuilding, consider the following:

- **Fuel Quality:** Always use fresh, high-quality fuel. Stale or contaminated fuel can lead to carburetor issues.
- **Fuel Filter:** Regularly inspect and replace the fuel filter to prevent debris from reaching the carburetor.
- **Storage:** If storing the vehicle for an extended period, drain the fuel system or use a fuel stabilizer to prevent gumming and varnish buildup.
- **Periodic Inspection:** Periodically inspect fuel lines, connections, and the carburetor for leaks or signs of wear.

TROUBLESHOOTING

If you encounter issues after rebuilding your carburetor, consider these common troubleshooting steps:

Symptom	Possible Cause	Solution
Engine not starting or hard starting	Incorrect fuel mixture, clogged jets, improper float level, air leak.	Verify fuel mixture screw settings, inspect jets for blockages, check float level, ensure all gaskets are sealed properly.
Engine running rough or stalling	Vacuum leak, dirty fuel filter, incorrect idle speed, faulty spark plug.	Check for vacuum leaks around intake manifold, replace fuel filter, adjust idle speed, inspect and replace spark plug if necessary.
Fuel leaks from carburetor	Damaged or improperly seated O-rings/gaskets, incorrect float level, loose screws.	Re-inspect all O-rings and gaskets for proper seating, verify float level, tighten all carburetor screws.

If issues persist, it is advisable to seek assistance from a qualified mechanic.

SPECIFICATIONS

- **Product Type:** Carburetor Rebuild Repair Kit
- **Brand:** ProPart
- **Model Number:** CDK-CV
- **Manufacturer:** CTS
- **Item Weight:** 1.76 ounces
- **Package Dimensions:** 9.09 x 5.83 x 0.79 inches
- **UPC:** 665355094434
- **Kit Contents:** Internal Gaskets, Diaphragms, O-Rings, Needle & Seats (3 sets included)
- **Compatibility:** Designed for Kawasaki CDKCV Carbs on specific 900 STX, 1100 ZXi, Ultra 150, and 1200 STX-R models.

SUPPORT INFORMATION

For further assistance or inquiries regarding your ProPart Carburetor Rebuild Repair Kit, please refer to the contact information provided by your retailer or the manufacturer's official website.

While specific warranty details are not provided in this manual, it is recommended to retain your proof of purchase for any potential warranty claims.