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LIZAPUS CMXGBAM1054541 31AS6BEE793

LIZAPUS Huayi Carburetor Instruction Manual

Brand: LIZAPUS | Model Compatibility: Craftsman SB410, CMXGBAM1054541, 31AS6BEE793

1. INTRODUCTION

This manual provides essential information for the proper installation, function, maintenance, and troubleshooting of your LIZAPUS Huayi Carburetor. Please read these instructions carefully before proceeding with installation or use to ensure correct operation and longevity of the component.

2. PRODUCT OVERVIEW

The carburetor is a crucial component in internal combustion engines, responsible for mixing air and fuel in the correct ratio for combustion. This replacement carburetor is designed to restore optimal engine performance in compatible snow blowers.



Figure 1: LIZAPUS Huayi Carburetor kit, including the main carburetor unit, gaskets, and a fuel filter.

3. COMPATIBILITY

This LIZAPUS Huayi Carburetor is compatible with the following snow blower models:

- Craftsman SB410
- Craftsman CMXGBAM1054541
- Craftsman 31AS6BEE793

Important: Always verify that the part shown in the product images is identical to your original carburetor before installation to ensure proper fitment and function.

4. PACKAGE CONTENTS

The carburetor kit includes the following components:

- 1 x Carburetor Unit
- Gaskets (as pictured)
- Fuel Filter (as pictured)



Figure 2: All components included in the LIZAPUS Huayi Carburetor kit.

5. INSTALLATION

Carburetor installation requires mechanical aptitude. If you are unsure about any step, it is recommended to consult a qualified technician or refer to detailed instructional videos specific to your snow blower model.

1. **Safety First:** Ensure the snow blower engine is off and cool. Disconnect the spark plug wire to prevent accidental starting. Drain the fuel tank.
2. **Access Carburetor:** Locate and remove any covers or air filter assemblies that obstruct access to the carburetor.
3. **Disconnect Lines:** Carefully disconnect the fuel lines and any linkage or electrical connections attached to the old carburetor. Note their positions for reassembly.
4. **Remove Old Carburetor:** Unbolt and remove the old carburetor. Pay attention to the gaskets and their orientation.
5. **Install New Carburetor:** Install the new LIZAPUS Huayi Carburetor using the provided new gaskets. Ensure all mounting bolts are tightened securely but do not overtighten.

6. **Reconnect Components:** Reconnect all fuel lines, linkages, and electrical connections in their original positions. Replace the fuel filter if necessary.
7. **Refill Fuel & Test:** Refill the fuel tank with fresh fuel. Reconnect the spark plug wire. Start the engine and check for any fuel leaks or abnormal operation.

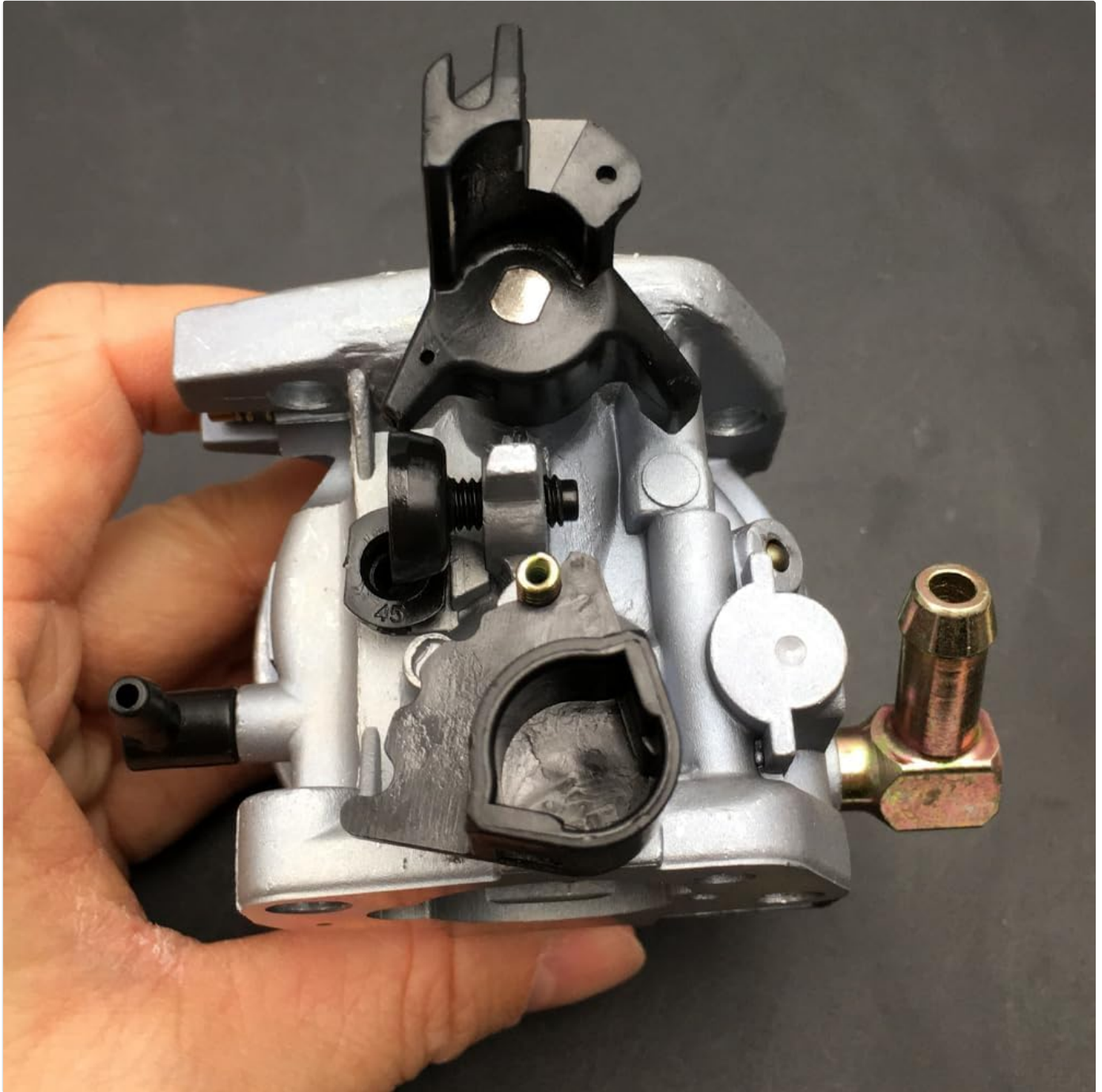


Figure 3: Handling the carburetor during the installation process.

6. OPERATION (CARBURETOR FUNCTION)

Once installed, the carburetor automatically regulates the air-fuel mixture delivered to the engine's combustion chamber. It ensures the engine receives the correct amount of fuel for starting, idling, and operating under various loads. Proper function of the carburetor is essential for efficient engine performance and fuel economy.

7. MAINTENANCE

Regular maintenance helps prolong the life of your carburetor and ensures reliable snow blower operation:

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can clog carburetor passages. Consider using a fuel stabilizer, especially during off-season storage.
- **Fuel Filter:** Inspect and replace the fuel filter periodically (typically annually or as recommended by your snow blower's manual) to prevent debris from reaching the carburetor.
- **Cleaning:** If performance issues arise, the carburetor may need cleaning. This often involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and replacing gaskets. This task is best performed by experienced individuals.
- **Storage:** Before long-term storage, run the engine until it runs out of fuel, or drain the fuel system to prevent fuel degradation and carburetor clogging.

8. TROUBLESHOOTING

If your snow blower experiences issues after carburetor installation, consider the following:

- **Engine Not Starting:** Check fuel supply, spark plug, and ensure all connections to the carburetor are secure. Verify the choke is functioning correctly.
- **Rough Idling or Poor Performance:** This can indicate an incorrect air-fuel mixture. Ensure the carburetor is properly adjusted (if adjustable) and that there are no vacuum leaks.
- **Fuel Leaks:** Inspect all fuel lines and connections for tightness. Check the carburetor bowl for proper seating and ensure the O-ring between the bowl and float is not damaged or improperly installed. A crushed O-ring can cause leaks.
- **Engine Surging:** Often caused by partially clogged jets or passages within the carburetor. Cleaning may be required.

For persistent issues, professional diagnosis and repair are recommended.

9. SPECIFICATIONS

Specification	Detail
Brand	LIZAPUS
Manufacturer	LIZAPUS
Manufacturer Part Number	Huayi 170SD
Recommended Uses	Snowblower
UPC	790885253348

10. WARRANTY INFORMATION

This LIZAPUS Huayi Carburetor comes with a 12-month warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

11. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact LIZAPUS customer service through the retailer where the product was purchased. Provide your product model number and purchase details for efficient service.

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.

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Question

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