

Husqvarna 588171156

Husqvarna Carburetor Kit Instruction Manual

Model: 588171156

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Genuine Husqvarna Carburetor Kit. This kit is designed as a direct replacement part for various Husqvarna trimmers, saws, and edgers. For detailed instructions specific to your equipment model, always refer to your original equipment owner's manual or service manual.

2. SAFETY INFORMATION

Always prioritize safety when working with power equipment and fuel. Failure to follow safety precautions can result in serious injury or equipment damage.

- **Read all manuals:** Before beginning any work, thoroughly read this manual and your equipment's owner's manual.
- **Disconnect spark plug:** Always disconnect the spark plug wire before performing any service or maintenance to prevent accidental starting.
- **Fuel handling:** Work in a well-ventilated area. Avoid open flames, sparks, and smoking. Use an approved fuel container.
- **Eye protection:** Wear appropriate eye protection during installation and maintenance.
- **Gloves:** Wear protective gloves to prevent contact with fuel and sharp edges.
- **Proper tools:** Use the correct tools for the job to avoid damage to components.
- **Allow cooling:** Ensure the engine is cool before working on it to prevent burns.

3. PRODUCT OVERVIEW AND COMPATIBILITY

This is a genuine Husqvarna OEM carburetor kit, part number 588171156, designed to replace original parts 5032831-11, 503283401, 5032831-10, 5032834-01, 503283111, and 503283110.

It is compatible with a wide range of Husqvarna trimmers, saws, and edgers. Verify your specific model's part requirements against the list below or your equipment's owner's manual.

Compatible Husqvarna Models:

- 123 C, 123 L, 123 LD
- 223 R
- 323 C, 323 L, 323 LD, 323 R, 323 RJ
- 325 C, 325 CX, 325 E X-Series, 325 L, 325 LX, 325 P4 X-Series, 325 RJX, 325 RX, 325 RXT
- 326 C, 326 E X-Series, 326 L, 326 LDX, 326 LX, 326 P4, 326 P5 -Series, 326 P5X, 326 RX
- 327 ES, 327 HDA 65 X-Series, 327 LDX, 327 LX, 327 P4, 327 P5 X, 327 PT5S, 327 RJx, 327 Rx
- *And other models as specified in your equipment's manual.*

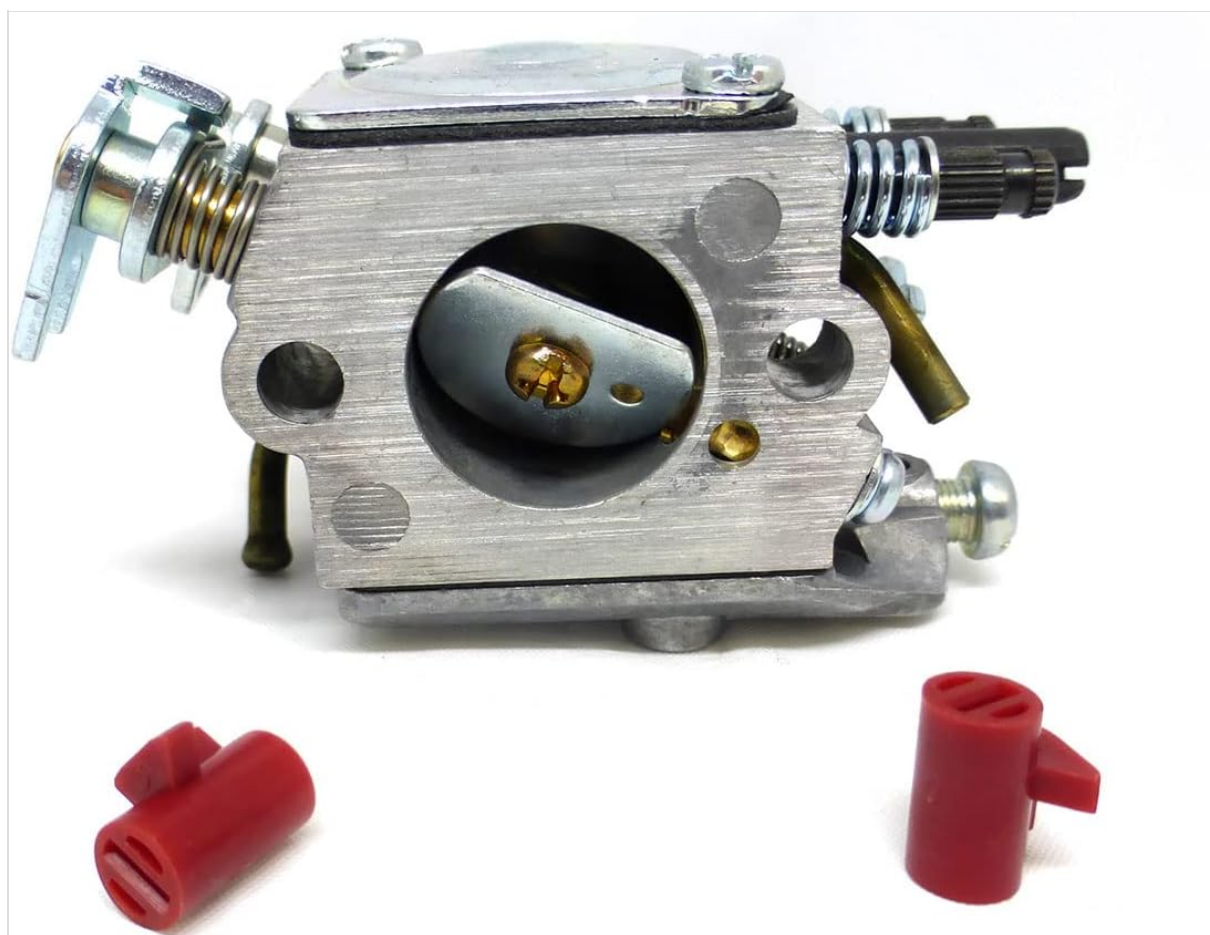


Image 1: Front view of the Husqvarna Carburetor Kit, showing the main body, throttle linkage, and included red fuel line caps.

4. PACKAGE CONTENTS

- (1) Husqvarna Carburetor Kit (Part # 588171156)

5. SETUP AND INSTALLATION

Replacing a carburetor requires careful attention to detail. Always refer to your specific equipment's service manual for precise, step-by-step instructions and torque specifications.

General Installation Steps:

1. **Preparation:** Ensure the engine is cool. Disconnect the spark plug wire. Drain the fuel tank into an approved container.
2. **Access:** Remove any covers, air filters, or other components that obstruct access to the carburetor.
3. **Disconnect:** Carefully disconnect fuel lines, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
4. **Remove Old Carburetor:** Unbolt the old carburetor from the engine intake manifold. Be mindful of gaskets.
5. **Install New Carburetor:** Install new gaskets (if provided or required) and mount the new Husqvarna carburetor. Ensure it is seated correctly.
6. **Reconnect:** Reconnect the fuel lines, throttle linkage, and choke linkage to the new carburetor. Double-check all connections for security.
7. **Reassemble:** Reinstall any removed covers, air filters, and other components.
8. **Refuel:** Fill the fuel tank with the correct fuel/oil mixture as specified by your equipment manufacturer.
9. **Final Check:** Reconnect the spark plug wire. Perform a visual inspection to ensure all connections are secure and there are no fuel leaks.

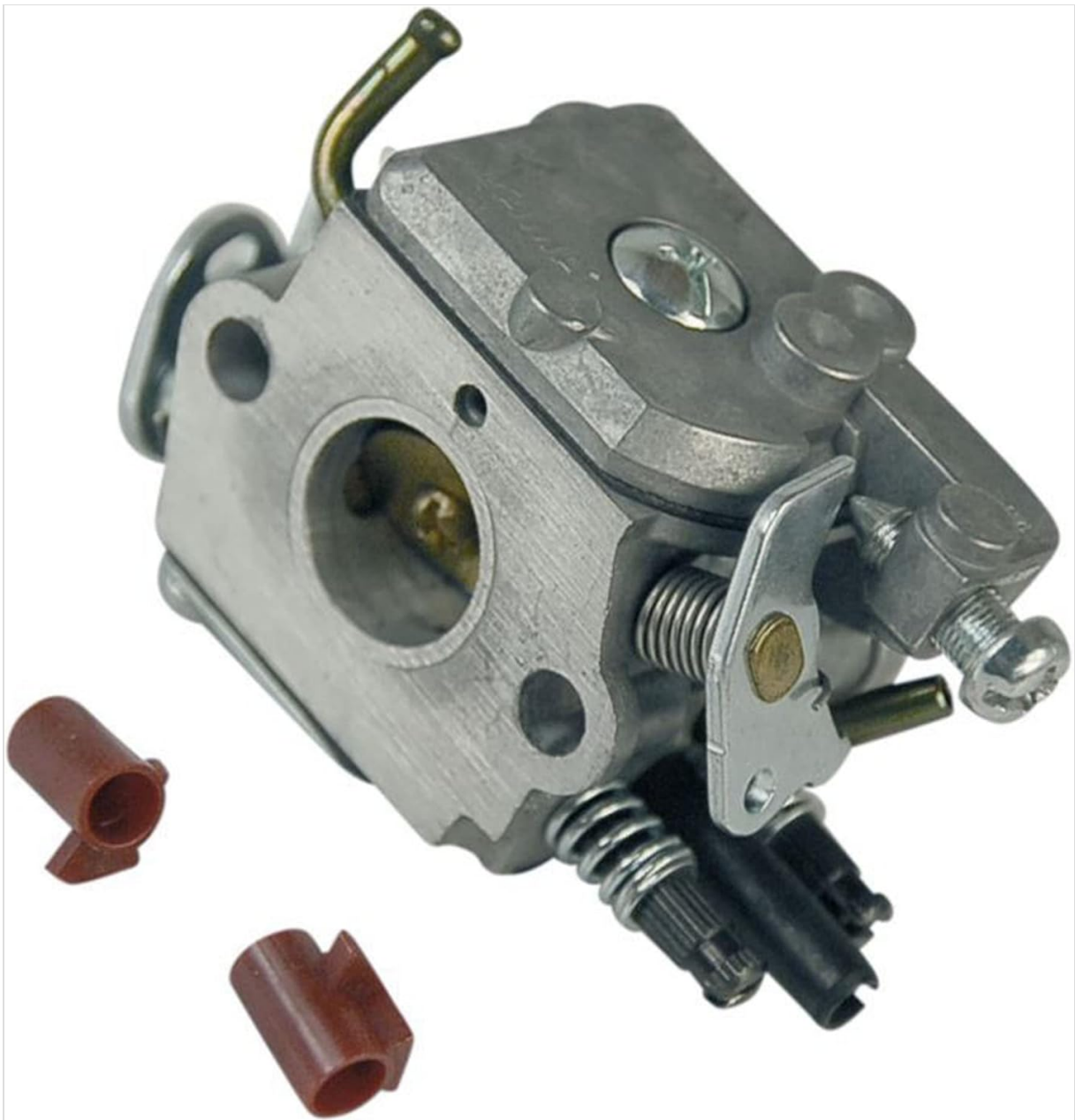


Image 2: Angled view of the carburetor kit, showing the various ports and linkages, with brown fuel line caps.

6. OPERATING CONSIDERATIONS

A properly installed carburetor ensures the correct fuel-to-air mixture for optimal engine performance. This OEM carburetor is typically factory-set for standard operating conditions.

- **Initial Start-up:** After installation, follow your equipment's owner's manual for the correct starting procedure.
- **Engine Performance:** Monitor engine idle, acceleration, and overall power. If the engine runs poorly, refer to the troubleshooting section.
- **Fuel Quality:** Always use fresh, clean fuel mixed with the correct ratio of 2-stroke oil (if applicable to your equipment). Stale or contaminated fuel is a common cause of carburetor issues.

7. MAINTENANCE

Regular maintenance extends the life of your carburetor and ensures reliable equipment operation.

- **Air Filter:** Regularly inspect and clean or replace the air filter. A dirty air filter restricts airflow,

affecting carburetor performance.

- **Fuel Filter:** Check and replace the in-tank fuel filter periodically to prevent debris from reaching the carburetor.
- **Fuel Lines:** Inspect fuel lines for cracks, leaks, or hardening. Replace as needed.
- **Storage:** Before long-term storage, drain the fuel tank and run the engine until it stops, or use a fuel stabilizer to prevent fuel degradation and gumming in the carburetor.

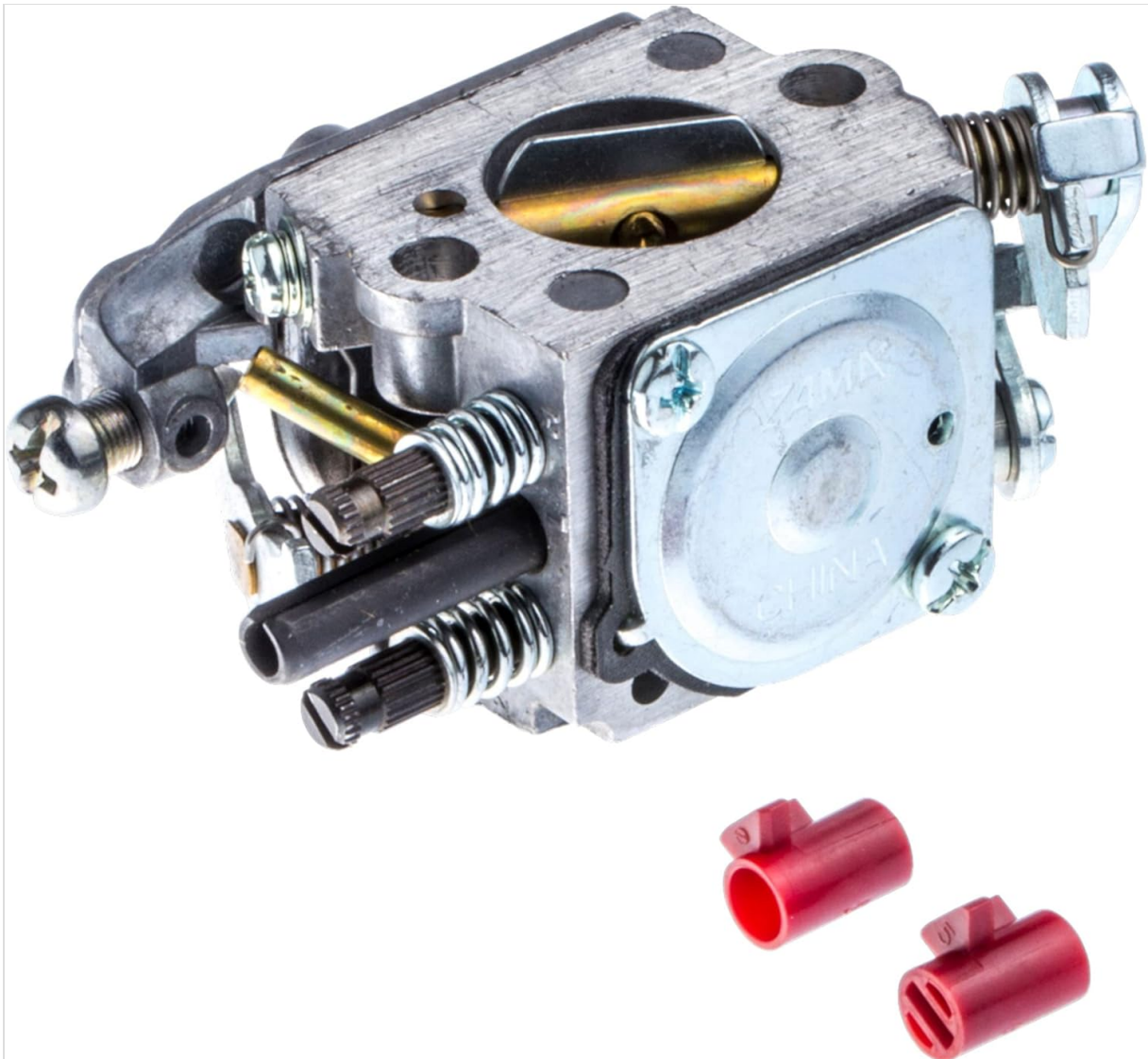


Image 3: Top-down view of the carburetor, highlighting the air intake and adjustment screws, with red fuel line caps.

8. TROUBLESHOOTING

If your equipment experiences issues after carburetor installation, consider the following common problems and solutions:

| Problem | Possible Cause | Solution |
|--------------------------|--|---|
| Engine won't start | No fuel, incorrect choke setting, spark plug issue, fuel lines reversed. | Check fuel level, ensure choke is set correctly, inspect spark plug, verify fuel line connections. |
| Engine runs rough/stalls | Dirty air filter, old/stale fuel, clogged fuel filter, vacuum leak. | Clean/replace air filter, use fresh fuel, replace fuel filter, check for loose connections around carburetor. |

| Problem | Possible Cause | Solution |
|---------------------------------|---|--|
| Loss of power/poor acceleration | Dirty air filter, restricted exhaust, incorrect fuel mixture. | Clean/replace air filter, check exhaust for carbon buildup, ensure correct fuel/oil mix. |
| Fuel leaks | Loose fuel lines, damaged gaskets, cracked fuel lines. | Tighten clamps, replace gaskets, replace damaged fuel lines. |

If problems persist, consult a qualified service technician or refer to your equipment's comprehensive service manual.

9. SPECIFICATIONS

- **Brand:** Husqvarna
- **Part Number:** 588171156
- **Replaces OEM Part Numbers:** 5032831-11, 503283401, 5032831-10, 5032834-01, 503283111, 503283110
- **Item Weight:** 3.36 ounces (approx. 0.21 lbs)
- **Package Dimensions:** 16 x 10.5 x 4 inches
- **Quantity:** 1 Carburetor Kit

10. WARRANTY AND SUPPORT

For information regarding the warranty of this Genuine Husqvarna Carburetor Kit, please refer to the official Husqvarna warranty policy provided with your original equipment or available on the official Husqvarna website.

For technical support or further assistance, please contact Husqvarna customer service or an authorized Husqvarna service center.

Husqvarna Official Website: www.husqvarna.com