

XINNHUNYI Carburetor Replacement Kit (Compatible with Troy-Bilt TB20CS, TB25ET, TB75SS, TB90BC, TB70SS; Ryobi 210r, 775r, 2800M; I

XINNHUNYI Carburetor Replacement Kit Instruction Manual

For Troy-Bilt and Ryobi Gas Trimmers/Blowers

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your XINNHUNYI Carburetor Replacement Kit. This kit is designed to replace the carburetor and associated components in various Troy-Bilt and Ryobi gas trimmers and blowers, restoring optimal engine performance. Please read this manual thoroughly before attempting any installation or maintenance procedures.

2. PRODUCT OVERVIEW & COMPATIBILITY

The XINNHUNYI Carburetor Replacement Kit includes a high-quality carburetor and essential accessories for a complete replacement. It is manufactured to meet or exceed OEM standards for durability and performance.

2.1. Kit Components



Figure 1: XINNHUNYI Carburetor Replacement Kit components. This image displays the complete kit, including the carburetor unit, yellow and black fuel lines, two air filters, two gasket sets, a fuel filter, a primer bulb, a spark plug, and a small screwdriver for installation.

- Carburetor Unit
- Fuel Lines (Yellow and Black)
- Air Filters (2)
- Gasket Sets (2)
- Fuel Filter
- Primer Bulb
- Spark Plug
- Screwdriver

2.2. Compatible Models

This carburetor replacement kit is compatible with various Troy-Bilt and Ryobi models, including but not limited to:

- **Troy-Bilt Trimmers/Blowers:** TB10CS, TB15CS, TB20CS, TB20DS, TB25ET, TB25CS, TB65SS, TB70SS, TB75SS, TB90BC, TB310QS, TB320, TB320BV.

- **Ryobi Trimmers/Tillers/Blowers:** 210r, 775r, 2800M, 280r, 105R, 132R, 767RJ, 780r, 790r, 410r, 750r, 310BVR.
- **Other Compatible Models:** YM25, YM75, YM90, 316791880, 316791810, 247292560, 29256, 31629256, 316292560, 316292561.

2.3. Replacement Part Numbers

This kit replaces various OEM part numbers, including:

- C1Q-P22C, 753-04338, 7922-10629A
- Walbro WT-827, WT-827-1, WT-149, WT-149A, WT-275, WT-340-1, WT-454, WT-539, WT-539-1, WT-685
- Zama C1U-P10A, C1U-P14A
- Ryobi #7843
- 753-05133, 791-182875, 791-182062, 791-182535, 753-04333, 753-04338, 753-04408

2.4. Product Videos

View the following videos for a detailed look at the carburetor and kit components:

Your browser does not support the video tag.

Video 1: A detailed view of the carburetor unit and various components included in the kit, showcasing its design and parts.

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Video 2: This video provides a closer inspection of the carburetor, highlighting its features and construction from multiple angles.

3. SAFETY INFORMATION

Always prioritize safety when working with power equipment and fuel systems. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Read Your Equipment Manual:** Always refer to your specific trimmer or blower's owner's manual for additional safety precautions and detailed instructions.
- **Eye Protection:** Wear safety glasses or goggles to protect your eyes from debris and fuel splashes.
- **Gloves:** Wear appropriate gloves to protect your hands from fuel, oil, and sharp edges.
- **Ventilation:** Work in a well-ventilated area to avoid inhaling fuel fumes.
- **Fire Hazard:** Keep open flames, sparks, and other ignition sources away from fuel and the work area. Do not smoke.
- **Fuel Handling:** Handle fuel with extreme care. Store fuel in approved containers. Clean up any spills immediately.
- **Engine Cool Down:** Allow the engine to cool completely before performing any maintenance or repairs.
- **Disconnect Spark Plug:** Before working on the engine, disconnect the spark plug wire to prevent accidental starting.

4. INSTALLATION GUIDE

This section outlines the general steps for replacing the carburetor. Specific procedures may vary slightly depending on your equipment model. Always refer to your equipment's service manual for precise instructions.

1. Preparation:

- Ensure the engine is off and cool.
- Disconnect the spark plug wire.
- Drain any remaining fuel from the fuel tank.

2. Access the Carburetor:

- Remove the air filter cover and air filter.
- Locate and remove any covers or shrouds that obstruct access to the carburetor.

3. Disconnect Components:

- Carefully disconnect the fuel lines from the carburetor. Note their positions for reinstallation.

- Disconnect the throttle linkage and choke linkage from the carburetor.
- Remove any mounting bolts or nuts securing the carburetor to the engine.

4. Remove Old Carburetor:

- Gently pull the old carburetor away from the engine.
- Remove and discard the old gaskets.

5. Install New Carburetor:

- Place new gaskets in their correct positions.
- Mount the new carburetor onto the engine, ensuring it seats properly.
- Secure the carburetor with the mounting bolts/nuts, tightening them evenly.

6. Reconnect Components:

- Reconnect the throttle and choke linkages. Ensure they operate smoothly.
- Reconnect the fuel lines to the correct ports on the new carburetor. Replace old fuel lines and fuel filter if necessary, using the new components provided in the kit.
- Install the new primer bulb if applicable.

7. Replace Air Filter and Spark Plug:

- Install the new air filter and air filter cover.
- Replace the old spark plug with the new one provided in the kit.

8. Final Checks:

- Double-check all connections for tightness and proper routing.
- Ensure no tools or debris are left in the engine area.

5. OPERATING INSTRUCTIONS (AFTER CARBURETOR REPLACEMENT)

After installing the new carburetor, follow these general steps to start your equipment:

1. **Add Fresh Fuel:** Fill the fuel tank with the correct fuel/oil mixture as specified in your equipment's owner's manual. Use fresh, high-quality fuel.
2. **Prime the Carburetor:** Press the primer bulb several times until fuel is visible in the bulb and it feels firm.
3. **Set Choke:** Move the choke lever to the "FULL CHOKE" or "START" position.
4. **Start Engine:** Pull the starter rope firmly until the engine attempts to start or "coughs."
5. **Adjust Choke:** Once the engine "coughs" or starts, move the choke lever to the "HALF CHOKE" or "RUN" position.
6. **Restart (if necessary):** Pull the starter rope again until the engine starts and runs smoothly.
7. **Warm-up:** Allow the engine to warm up for a minute or two before engaging the throttle.

If the engine does not start or runs poorly, refer to the Troubleshooting section.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your carburetor and equipment.

- **Air Filter:** Regularly inspect and clean or replace the air filter. A dirty air filter can restrict airflow and affect carburetor performance.
- **Fuel Filter:** Replace the fuel filter annually or more frequently if you notice fuel delivery issues.
- **Spark Plug:** Inspect the spark plug periodically for wear or fouling. Replace it as needed to ensure efficient ignition.
- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel is a common cause of carburetor problems. Consider using a fuel stabilizer if storing equipment for extended periods.
- **Carburetor Cleaning:** If performance issues persist, the carburetor may require cleaning. This is an advanced task and may require professional assistance.

7. TROUBLESHOOTING

If you encounter issues after installing the new carburetor, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke, fouled spark plug, clogged fuel filter, air leak.	Check fuel level and quality. Ensure choke is set correctly. Inspect/replace spark plug. Replace fuel filter. Check for loose connections or damaged gaskets.
Engine runs rough/stalls	Dirty air filter, stale fuel, carburetor adjustment needed, fuel line issue.	Clean/replace air filter. Use fresh fuel. Carburetor adjustments are typically factory set; if needed, consult a professional. Check fuel lines for kinks or damage.
Fuel leaks	Loose fuel line connections, damaged primer bulb, faulty gaskets.	Tighten fuel line clamps. Inspect primer bulb for cracks. Ensure gaskets are properly seated and not damaged.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified service technician.

8. SPECIFICATIONS

- **Brand:** XINNHUNYI
- **Model:** Carburetor Replacement Kit
- **Item Model Number:** hsu4669
- **Manufacturer Part Number:** 614173221874
- **Exterior Material:** Aluminum
- **Vehicle Service Type:** ATV (Note: Product is primarily for trimmers/blowers, ATV might be a general category)
- **Package Dimensions:** Approximately 1 x 1 x 1 inches (Note: This seems like a placeholder, actual product dimensions would be larger)

9. WARRANTY & SUPPORT

The XINNHUNYI Carburetor Replacement Kit comes with a **3-Month Hassle-Free Return** policy. For any questions, technical assistance, or warranty claims, please contact your retailer or the manufacturer directly. Ensure you have your purchase details available when contacting support.

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.

Name

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question