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> Yomoly Carburetor Instruction Manual for Craftsman Chipper Shredder Model 247.799640

Yomoly Carburetor

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For Craftsman Chipper Shredder Model 247.799640

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1. PRODUCT OVERVIEW

This manual provides instructions for the Yomoly replacement carburetor, designed for compatibility with the Craftsman Chipper Shredder Model 247.799640 (also known as 247799640). This carburetor is a critical component for fuel delivery to the engine, ensuring proper operation of your chipper shredder.



Figure 1.1: Front view of the Yomoly replacement carburetor. This image displays the main body of the carburetor, including the fuel inlet and various adjustment screws.

2. PACKAGE CONTENTS

Please inspect the package contents upon receipt to ensure all components are present and undamaged.

- 1 x Yomoly Replacement Carburetor
- 1 x Gasket (for installation)



Figure 2.1: The Yomoly carburetor shown with the included gasket. The gasket is essential for creating a proper seal during installation.

3. INSTALLATION AND SETUP

Safety Warning: Always ensure the engine is off, cool, and the spark plug wire is disconnected before performing any maintenance or installation to prevent accidental starting and injury.

1. **Preparation:** Gather necessary tools (wrenches, screwdrivers, pliers, fuel line clamps). Ensure you are working in a well-ventilated area.
2. **Drain Fuel:** If necessary, drain the fuel tank to prevent spills during carburetor removal.
3. **Remove Air Filter Assembly:** Disconnect and remove the air filter housing and filter element to access the carburetor.

4. **Disconnect Fuel Line:** Use pliers to loosen the fuel line clamp and carefully disconnect the fuel line from the old carburetor. Be prepared for minor fuel leakage.
5. **Disconnect Linkages:** Carefully note and disconnect any throttle or choke linkages attached to the old carburetor. Taking photos can be helpful for reassembly.
6. **Remove Mounting Bolts:** Loosen and remove the bolts or nuts securing the old carburetor to the engine manifold.
7. **Remove Old Carburetor:** Carefully detach the old carburetor and remove any old gaskets.
8. **Install New Gasket:** Place the new gasket (included) onto the engine manifold, ensuring it aligns correctly with the mounting holes and intake port.
9. **Mount New Carburetor:** Position the new Yomoly carburetor onto the gasket and secure it with the mounting bolts/nuts. Tighten evenly to prevent air leaks, but do not overtighten.
10. **Reconnect Linkages:** Reattach all throttle and choke linkages to the new carburetor in their original positions.
11. **Reconnect Fuel Line:** Attach the fuel line to the new carburetor's fuel inlet and secure it with the clamp. Ensure a tight, leak-free connection.
12. **Reinstall Air Filter Assembly:** Reattach the air filter housing and filter element.
13. **Refill Fuel:** Add fresh fuel to the tank.
14. **Prime Carburetor (if applicable):** If your engine has a primer bulb, press it several times until fuel is visible.

4. OPERATING INSTRUCTIONS

After successful installation, the carburetor will regulate the air-fuel mixture for your engine. Proper operation relies on the engine's original starting procedures.

- **Engine Start-up:** Follow the specific starting instructions for your Craftsman Chipper Shredder Model 247.799640. This typically involves setting the choke, throttle, and engaging the starter.
- **Choke Operation:** The choke restricts airflow to enrich the fuel mixture for cold starts. Once the engine warms up, gradually move the choke to the 'run' position.
- **Throttle Control:** The throttle lever controls engine speed by regulating the amount of air-fuel mixture entering the engine. Adjust as needed for chipping/shredding tasks.
- **Idle Adjustment:** If the engine idles too high or too low after installation, minor adjustments to the idle screw on the carburetor may be necessary. Refer to your chipper shredder's original service manual for specific idle speed recommendations.

5. MAINTENANCE

Regular maintenance of your carburetor ensures optimal engine performance and longevity.

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel is a primary cause of carburetor issues. Consider using a fuel stabilizer if the equipment will be stored for extended periods.
- **Fuel Filter:** Regularly inspect and replace the fuel filter (if present in your system) to prevent debris from reaching the carburetor.
- **Air Filter:** Keep the air filter clean and replace it as recommended by your chipper shredder's manufacturer. A dirty air filter can cause a rich fuel mixture and poor engine performance.
- **Carburetor Cleaning:** If performance issues arise, the carburetor may require cleaning. This typically

involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and replacing any worn gaskets or O-rings. This task may require professional assistance if you are not experienced.

- **Storage:** Before long-term storage, run the engine until it runs out of fuel, or drain the fuel system completely to prevent fuel degradation and carburetor gumming.

6. TROUBLESHOOTING COMMON ISSUES

If your chipper shredder experiences problems after carburetor installation, consider the following common issues:

Symptom	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel filter, incorrect choke setting, spark plug issue, air leak at carburetor gasket.	Check fuel level, replace fuel filter, adjust choke, inspect spark plug, ensure carburetor gasket is sealed properly.
Engine runs rough or stalls	Dirty carburetor jets, stale fuel, air filter clogged, incorrect idle adjustment.	Clean carburetor, use fresh fuel, clean/replace air filter, adjust idle screw.
Engine lacks power	Clogged air filter, restricted fuel flow, carburetor not properly tuned.	Clean/replace air filter, check fuel lines and filter, consider professional carburetor tuning.
Fuel leaks from carburetor	Loose fuel line, damaged float needle, cracked carburetor body, loose bowl screws.	Tighten fuel line, inspect float needle and bowl, replace carburetor if body is cracked.

If these steps do not resolve the issue, it is recommended to consult a qualified small engine mechanic.

7. PRODUCT SPECIFICATIONS

- **Brand:** Yomoly
- **Model (Product):** Carburetor
- **Compatible with:** Craftsman Chipper Shredder Model 247.799640 (247799640)
- **Item Weight:** Approximately 9.7 ounces (0.27 kg)
- **Package Dimensions:** Approximately 4.37 x 3.62 x 3.15 inches (11.1 x 9.2 x 8 cm)
- **Manufacturer:** Yomoly
- **ASIN:** B0C4BFPPQ8
- **Date First Available:** July 3, 2019

8. WARRANTY AND SUPPORT

Specific warranty details for this Yomoly carburetor are not provided within the product information. For warranty claims, returns, or technical support, please refer to the seller or retailer from whom the product was purchased. It is recommended to retain your proof of purchase for any potential claims.

The product description mentions a "Full refund guarantee if does not fit." Please contact your seller directly for details regarding this guarantee.

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This manual is for informational purposes only. Always follow safety guidelines and consult professional assistance when necessary.