

Toobop CMXGRAM201302

Toobop Carburetor and Air Filter Kit Instruction Manual

For Craftsman T100 CMXGRAM201302 Engine

1. INTRODUCTION

Thank you for choosing the Toobop Carburetor and Air Filter Kit. This kit is designed to restore the performance of your Craftsman T100 lawn mower, specifically model CMXGRAM201302. It includes essential components for replacing old or damaged parts in the fuel delivery system, ensuring smooth starting, consistent operation, and improved fuel efficiency.

Please read this manual thoroughly before installation and operation to ensure proper function and safety.

2. SAFETY INFORMATION

Always prioritize safety when working with engine components. Failure to follow these instructions may result in injury or damage to equipment.

- **Disconnect Spark Plug:** Before beginning any work, always disconnect the spark plug wire to prevent accidental engine starting.
- **Fuel Handling:** Work in a well-ventilated area. Fuel is highly flammable. Avoid open flames, sparks, or smoking.
- **Eye Protection:** Wear appropriate eye protection to guard against fuel splashes or debris.
- **Gloves:** Wear protective gloves to prevent skin contact with fuel and other chemicals.
- **Engine Cool Down:** Allow the engine to cool completely before working on it to avoid burns.
- **Proper Disposal:** Dispose of old fuel, filters, and other components according to local regulations.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your kit:

- Carburetor ×1
- Air Filter ×1
- Fuel Filter ×1
- Shut-Off Valve ×1
- Fuel Line ×1
- Gasket ×1 (typically included with carburetor)
- Hose Clamps ×2 (typically included with fuel line)



Image 3.1: All components included in the Toobop Carburetor and Air Filter Kit. This includes the carburetor, air filter, fuel filter, shut-off valve, fuel line, gasket, and hose clamps.

4. SETUP AND INSTALLATION

This section provides general instructions for replacing the carburetor and fuel system components. Specific steps may vary slightly depending on your Craftsman T100 model. Refer to your mower's original service manual for detailed engine diagrams if needed.

4.1 Tools Required

- Socket Wrench Set
- Screwdriver Set
- Pliers
- Fuel Clamp or Plug
- Clean Rags

- Container for Draining Fuel

4.2 Disassembly

1. **Prepare the Mower:** Ensure the engine is cool. Disconnect the spark plug wire. Place the mower on a level surface.
2. **Drain Fuel:** If necessary, drain the fuel tank into an approved container. You may also use a fuel clamp on the fuel line to prevent leakage.
3. **Remove Air Filter Assembly:** Locate and remove the existing air filter housing. This usually involves unscrewing a few bolts or clips.
4. **Disconnect Fuel Line:** Carefully disconnect the fuel line from the old carburetor. Be prepared for residual fuel to leak.
5. **Disconnect Linkages:** Disconnect any throttle and choke linkages attached to the carburetor. Note their positions for reassembly.
6. **Remove Old Carburetor:** Unscrew the mounting bolts holding the carburetor to the engine. Remove the old carburetor and gasket.

4.3 Installation of New Components

1. **Install New Gasket:** Ensure the mounting surface on the engine is clean. Place the new gasket provided with the kit onto the engine studs.
2. **Mount New Carburetor:** Carefully position the new carburetor onto the studs, aligning it with the gasket. Secure it with the mounting bolts, tightening them evenly.
3. **Connect Linkages:** Reattach the throttle and choke linkages to the new carburetor. Ensure they move freely.
4. **Install Fuel Line and Shut-Off Valve:** Replace the old fuel line with the new one. Install the new shut-off valve and fuel filter in the fuel line, ensuring the flow direction is correct (arrow points towards the carburetor). Secure connections with the provided hose clamps.
5. **Connect Fuel Line to Carburetor:** Attach the new fuel line to the carburetor inlet.
6. **Install New Air Filter:** Place the new air filter into the air filter housing. Reattach the air filter housing to the carburetor.



Image 4.1: Front view of the Toobop carburetor, showing the intake and mounting points.



Image 4.2: Side view of the Toobop carburetor, highlighting the fuel inlet connection point.



Image 4.3: Side view of the Toobop carburetor, showing the throttle and choke linkage attachment points.

5. OPERATING INSTRUCTIONS (POST-INSTALLATION)

After successful installation, follow these steps to operate your Craftsman T100 mower:

1. **Refill Fuel:** Open the fuel shut-off valve and refill the fuel tank with fresh, appropriate fuel.
2. **Reconnect Spark Plug:** Reconnect the spark plug wire securely.
3. **Prime Carburetor (if applicable):** Some carburetors may require priming. Refer to your mower's original manual for specific priming procedures.
4. **Start Engine:** Follow your mower's standard starting procedure (e.g., set choke, pull starter cord).
5. **Check for Leaks:** Once the engine is running, carefully check all fuel line connections for any leaks. Address any leaks immediately.
6. **Engine Break-in:** Allow the engine to run for a few minutes to stabilize. Monitor engine performance.

6. MAINTENANCE

Regular maintenance of your carburetor and air filter will ensure optimal engine performance and longevity.

- **Air Filter:** Inspect the air filter regularly (e.g., every 25 hours of operation or seasonally). Clean or replace it if it appears dirty or clogged. A dirty air filter restricts airflow and can cause the engine to run rich.
- **Fuel Filter:** Replace the fuel filter annually or if you notice fuel delivery issues. A clogged fuel filter can starve the carburetor of fuel.
- **Fuel System Cleaning:** If the mower is stored for an extended period, consider draining the fuel or using a fuel stabilizer to prevent gumming in the carburetor.
- **Carburetor Adjustment:** This carburetor is typically pre-set and does not require extensive adjustment. If performance issues persist, consult a qualified service technician.



Image 6.1: An assortment of engine maintenance parts, including various air filters, spark plugs, and tools, emphasizing the importance of regular component checks.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, clogged carburetor, spark plug issue, incorrect choke setting.	Check fuel level and shut-off valve. Replace fuel filter. Inspect spark plug. Ensure choke is set correctly.
Engine runs rough or stalls	Dirty air filter, clogged fuel filter, stale fuel, carburetor issues.	Clean or replace air filter. Replace fuel filter. Use fresh fuel. Inspect carburetor for blockages.
Fuel leaks	Loose fuel line connections, damaged fuel line, faulty gasket.	Tighten hose clamps. Replace damaged fuel line. Ensure carburetor gasket is properly seated.
Loss of power	Dirty air filter, restricted fuel flow, carburetor not functioning optimally.	Clean or replace air filter. Check fuel filter and fuel line for obstructions.

8. SPECIFICATIONS

- **Product:** Carburetor and Air Filter Kit
- **Brand:** Toobop
- **Compatible Engine Model:** Craftsman T100 CMXGRAM201302 (11.5HP 344CC engine)
- **Replaces Part Numbers:** 590400, 796078, 591731, 796109, 594593
- **Item Weight:** Approximately 1.39 pounds
- **Package Dimensions:** Approximately 3 x 3 x 1 inches



Image 8.1: Detailed view of the Toobop carburetor with key dimensions indicated for reference.

9. WARRANTY AND SUPPORT

Toobop is committed to providing high-quality and durable products. For any questions regarding installation, troubleshooting, or warranty information, please contact Toobop customer support through the retailer where the product was purchased.

Choosing Toobop means choosing professionalism and reliability.

© 2025 Toobop. All rights reserved.

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

Anonymous

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

Open the live page

<https://manuals.plus/asin/B0FDR7CXMQ>

More documents and user manuals: <https://manuals.plus/>