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› Toobop Carburetor Instruction Manual for CRAFTSMAN M090/M90 20-inch Gas Push Lawn Mowers with 125cc Briggs Engine (Model 799583)

Toobop 799583

Toobop Carburetor Instruction Manual

For CRAFTSMAN M090/M90 20-inch Gas Push Lawn Mowers with 125cc Briggs Engine (Model 799583)

INTRODUCTION

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Toobop replacement carburetor, Model 799583. This carburetor is designed to ensure optimal engine performance and fuel efficiency for compatible lawn mowers. Please read this manual thoroughly before installation and use.

SAFETY INFORMATION

- Always disconnect the spark plug wire before performing any maintenance or installation.
- Ensure the engine is cool before handling any components.
- Work in a well-ventilated area.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Handle fuel with extreme care. Avoid spills and open flames.
- If unsure about any step, consult a qualified technician.

PACKAGE CONTENTS

Verify that all components are present in your package:

- Toobop Carburetor (Model 799583)
- Gaskets (various shapes and sizes)
- Fuel filter
- Spark plug
- Primer bulb
- Fuel line
- Clamps
- Air filter and cover



Image 1: Overview of the complete Toobop carburetor replacement kit, including the carburetor, gaskets, fuel filter, spark plug, primer bulb, fuel line, clamps, air filter, and cover.

COMPATIBILITY

This carburetor is a replacement part compatible with the following models and part numbers:

- **CRAFTSMAN Lawn Mowers:** M090, M90 (20-inch Gas Push Lawn Mowers with 125cc Briggs Engine)
- **Replaces Part Numbers:** 799583, 593261, 595656, 591979, 591160, 590556, 799579
- **Also Compatible with Briggs & Stratton Engine Models:** 300E, 500E, 550EX, 125cc, 140cc
- **Specific Engine Codes:** 09P602-0019-F1, 09P602-0023-F1, 09P802-0039-F1, 09P602-0060-F1, 09P502-0063-F1, 09P602-0076-F1, 09P602-0077-F1, 09P602-0085-F1, 09P602-0090-F1, 09P602-0095-F1, 09P602-0096-F1, 09P602-0111-F1, 09P602-0115-F1, 09P602-0117-F1, 08P502-0034-F1, 08P502-0042-F1, 08P502-0046-F1, 08P502-0047-F1, 08P502-0049-F1, 08P502-0054-F1, 08P502-0055-F1, 08P502-0063-F1, 08P502-0064-F1, 08P502-0079-F1, 08P502-0105-F1

Always cross-reference your existing carburetor and engine model numbers to ensure correct fitment.

SETUP AND INSTALLATION

Replacing a carburetor requires careful attention. Follow these general steps. Refer to your lawn mower's specific service manual for detailed instructions.

1. **Preparation:** Ensure the engine is off and cool. Disconnect the spark plug wire. Drain the fuel tank.
2. **Access the Carburetor:** Remove any air filter housing, shrouds, or other components obstructing access to the old carburetor.
3. **Disconnect Components:** Carefully disconnect the fuel line, 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. Remove and discard old gaskets.
5. **Install New Carburetor:** Place new gaskets in position. Mount the new Toobop carburetor, ensuring it is seated correctly. Secure with bolts.
6. **Reconnect Components:** Reattach the throttle and choke linkages. Connect the new fuel line and fuel filter, securing with clamps.
7. **Final Steps:** Reinstall the air filter and cover. Reconnect the spark plug wire. Refill the fuel tank with fresh fuel.



Image 2: Front view of the Toobop carburetor, showing the air intake and fuel inlet. This view is helpful for identifying connection points during installation.



Image 3: The Toobop carburetor with a red gasket, illustrating the sealing surface that connects to the engine intake manifold.

Installation Video Guide

For a visual guide on carburetor installation and component overview, please watch the following video:

Your browser does not support the video tag.

Video 1: An instructional video demonstrating the components and general installation process for a compatible carburetor. This video provides a visual aid for understanding the parts and their assembly.

OPERATING PRINCIPLES

The carburetor is responsible for mixing air and fuel in the correct proportions for combustion in the engine. A properly functioning

carburetor ensures:

- **Smooth Starts:** Consistent fuel delivery for easy engine ignition.
- **Stable Idling:** Maintains a steady engine speed when not under load.
- **Increased Power Output:** Delivers the necessary fuel-air mixture for optimal engine power during operation.
- **Fuel Efficiency:** Precise mixing helps reduce fuel consumption.

MAINTENANCE

Regular maintenance of your carburetor and associated components will prolong the life of your lawn mower and ensure consistent performance.

- **Fuel System Inspection:** Periodically check fuel lines for cracks or leaks. Replace the fuel filter as needed (typically annually or every 50 hours of operation).
- **Air Filter:** Inspect and clean or replace the air filter regularly to ensure proper airflow to the carburetor. A dirty air filter can restrict air, leading to a rich fuel mixture and poor performance.
- **Spark Plug:** Inspect and replace the spark plug according to your engine's maintenance schedule. A worn spark plug can affect starting and engine performance.
- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can clog carburetor passages. Consider using a fuel stabilizer if storing the mower for extended periods.



Image 4: An assortment of engine maintenance parts, including air filters, spark plugs, and fuel filters, highlighting components that should be regularly inspected and replaced for optimal carburetor and engine function.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Difficulty Starting	Incorrect choke setting, old fuel, clogged fuel filter, faulty spark plug.	Ensure choke is set correctly. Use fresh fuel. Replace fuel filter. Check/replace spark plug.
Engine Not Accelerating / Lack of Power	Clogged air filter, restricted fuel flow, carburetor jets partially blocked.	Clean or replace air filter. Check fuel lines for kinks. Carburetor cleaning may be required (professional service recommended).

Problem	Possible Cause	Solution
Black Smoke from Exhaust	Rich fuel mixture (too much fuel, not enough air), dirty air filter.	Inspect and clean/replace air filter. Ensure carburetor is properly adjusted (if applicable).
Oil Leakage	Improperly seated gaskets, damaged carburetor housing.	Ensure gaskets are correctly installed and bolts are tightened to specification. Inspect carburetor for damage.

SPECIFICATIONS

Feature	Detail
Brand	Toobop
Model Number	799583
Manufacturer Part Numbers	799583, 593261, 595656, 591979
OEM Part Numbers	591160, 590556, 799579
Item Weight	12.6 ounces
Package Dimensions	6.14 x 5.55 x 4.29 inches
Recommended Uses	Lawn Mower
Material	Premium materials for durability (as per product description)

WARRANTY AND SUPPORT

Toobop is committed to providing high-quality products. If you encounter any issues with your product, please contact us directly. We are dedicated to resolving any problems as quickly as possible to ensure your satisfaction. For support, please refer to the contact information provided with your purchase or visit the official Toobop website.

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

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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