

[Manuals.plus](#) /

> [MURNELAP](#) /

> MURNELAP Carburetor Kit for Troy-Bilt Model 21A-634A766 6.0 HP Tiller - Instruction Manual

MURNELAP 21A-634A766

MURNELAP Carburetor Kit for Troy-Bilt Model 21A-634A766 6.0 HP Tiller

Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your MURNELAP Carburetor Kit, designed specifically for Troy-Bilt Model 21A-634A766 6.0 HP Tillers. Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and correct usage.

2. PRODUCT OVERVIEW

The MURNELAP Carburetor Kit is a direct replacement part engineered to restore optimal fuel delivery and smooth engine performance for compatible Troy-Bilt tillers. The kit includes the following components:

- **Read Tiller Manual:** Consult your Troy-Bilt tiller's original instruction manual for specific safety procedures.
- **Disconnect Spark Plug:** Before performing any service, always disconnect the spark plug wire to prevent accidental engine starting.
- **Work in a Well-Ventilated Area:** Fuel fumes are flammable and hazardous.
- **Handle Fuel Safely:** Store fuel in approved containers. Do not smoke or use open flames near fuel.
- **Wear Protective Gear:** Use safety glasses and gloves.
- **Allow Engine to Cool:** Never work on a hot engine.

4. SETUP AND INSTALLATION

This carburetor kit is designed for direct replacement. Ensure the engine is cool and the spark plug wire is disconnected before beginning.

1. **Verify Fit:** Before installation, carefully compare the new carburetor and components with the original parts on your Troy-Bilt Model 21A-634A766 6.0 HP Tiller. Ensure all dimensions and connections match for a precise fit.
2. **Drain Fuel:** If necessary, drain the fuel tank into an approved container.
3. **Remove Air Filter Assembly:** Disconnect and remove the existing air filter housing and air filter elements.
4. **Disconnect Fuel Line:** Carefully disconnect the fuel line from the old carburetor. Be prepared for residual fuel leakage.
5. **Remove Old Carburetor:** Unbolt and remove the old carburetor, taking note of any linkages or springs connected to it. Remove and discard old gaskets.
6. **Install New Gaskets:** Place the new gaskets in their correct positions between the engine, insulator (if applicable), and the new carburetor.
7. **Mount New Carburetor:** Carefully position the new carburetor and secure it with the appropriate bolts. Reconnect any linkages or springs.
8. **Install New Fuel Filter and Line:** Cut the new fuel line to the appropriate length and install the new fuel filter in the line, ensuring the flow direction is correct (usually indicated by an arrow). Connect the fuel line to the carburetor and fuel tank. Install the new fuel shut-off valve if replacing.
9. **Install New Air Filter Elements:** Place the new foam pre-filter and paper air filter into the air filter housing and reattach the housing.
10. **Install New Spark Plug:** Replace the old spark plug with the new one provided, ensuring it is tightened to the manufacturer's specifications.
11. **Reconnect Spark Plug Wire:** Reattach the spark plug wire.

5. OPERATING INSTRUCTIONS

After successful installation, follow these general steps to operate your tiller. Refer to your tiller's original manual for specific starting procedures.

1. **Fill Fuel Tank:** Fill the fuel tank with fresh, clean gasoline.
2. **Open Fuel Shut-off Valve:** Ensure the fuel shut-off valve is in the 'ON' position.
3. **Set Choke:** Move the choke lever to the 'FULL CHOKE' position for cold starts.
4. **Prime Engine (if applicable):** Press the primer bulb several times until fuel is visible in the bulb or

fuel line.

5. **Start Engine:** Pull the starter rope firmly until the engine starts.
6. **Adjust Choke:** As the engine warms up, gradually move the choke lever to the 'RUN' position.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your carburetor and tiller.

- **Air Filter:** Inspect the air filter elements regularly. Clean or replace them if they are dirty or damaged. A clogged air filter can lead to poor engine performance.
- **Fuel Filter:** Replace the fuel filter annually or if it appears clogged.
- **Spark Plug:** Inspect the spark plug for wear or fouling every season. Replace if necessary.
- **Fuel System:** At the end of the season, drain the fuel tank and run the engine until it stops to clear the carburetor of fuel, or use a fuel stabilizer.

7. TROUBLESHOOTING

If your tiller experiences issues after carburetor replacement, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel filter, incorrect choke setting, faulty spark plug, air leak around carburetor gaskets.	Check fuel level, replace fuel filter, adjust choke, replace spark plug, inspect and replace gaskets if damaged.
Engine runs rough or stalls	Dirty air filter, fuel quality issues, carburetor adjustment needed, loose connections.	Clean/replace air filter, use fresh fuel, ensure all connections are tight. Carburetor adjustment may require professional service.
Fuel leaks	Loose fuel line connections, damaged fuel line, improperly seated gaskets.	Tighten all fuel line clamps, replace damaged fuel lines, ensure gaskets are correctly installed and not pinched.

If problems persist after attempting these solutions, it is recommended to consult a qualified service technician.

8. SPECIFICATIONS

- **Brand:** MURNELAP
- **Compatible Tiller Model:** Troy-Bilt Model 21A-634A766 6.0 HP Tiller
- **UPC:** 669993469098
- **Part Type:** Carburetor Replacement Kit

9. WARRANTY INFORMATION

For specific warranty details regarding your MURNELAP Carburetor Kit, please refer to the warranty

documentation included with your purchase or contact MURNELAP customer service directly. General warranty terms typically cover manufacturing defects for a limited period from the date of purchase.

10. SUPPORT

If you require further assistance, have questions about installation, or need to report an issue, please contact MURNELAP customer service through the retailer where the product was purchased or via the contact information provided on MURNELAP's official channels.