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› AUNMAS Lawn Mower Carburetor Instruction Manual

AUNMAS AUNMASH5kp2mtqyi

AUNMAS Lawn Mower Carburetor Instruction Manual

Model: AUNMASH5kp2mtqyi

1. PRODUCT OVERVIEW

This AUNMAS carburetor is a high-quality replacement part designed for specific Tecumseh lawn mower engines. Constructed from premium aluminum, it offers wear resistance and durability, ensuring a long service life for your equipment. Replacing your old carburetor with this unit can significantly improve engine performance and extend the overall life of your lawn mower.

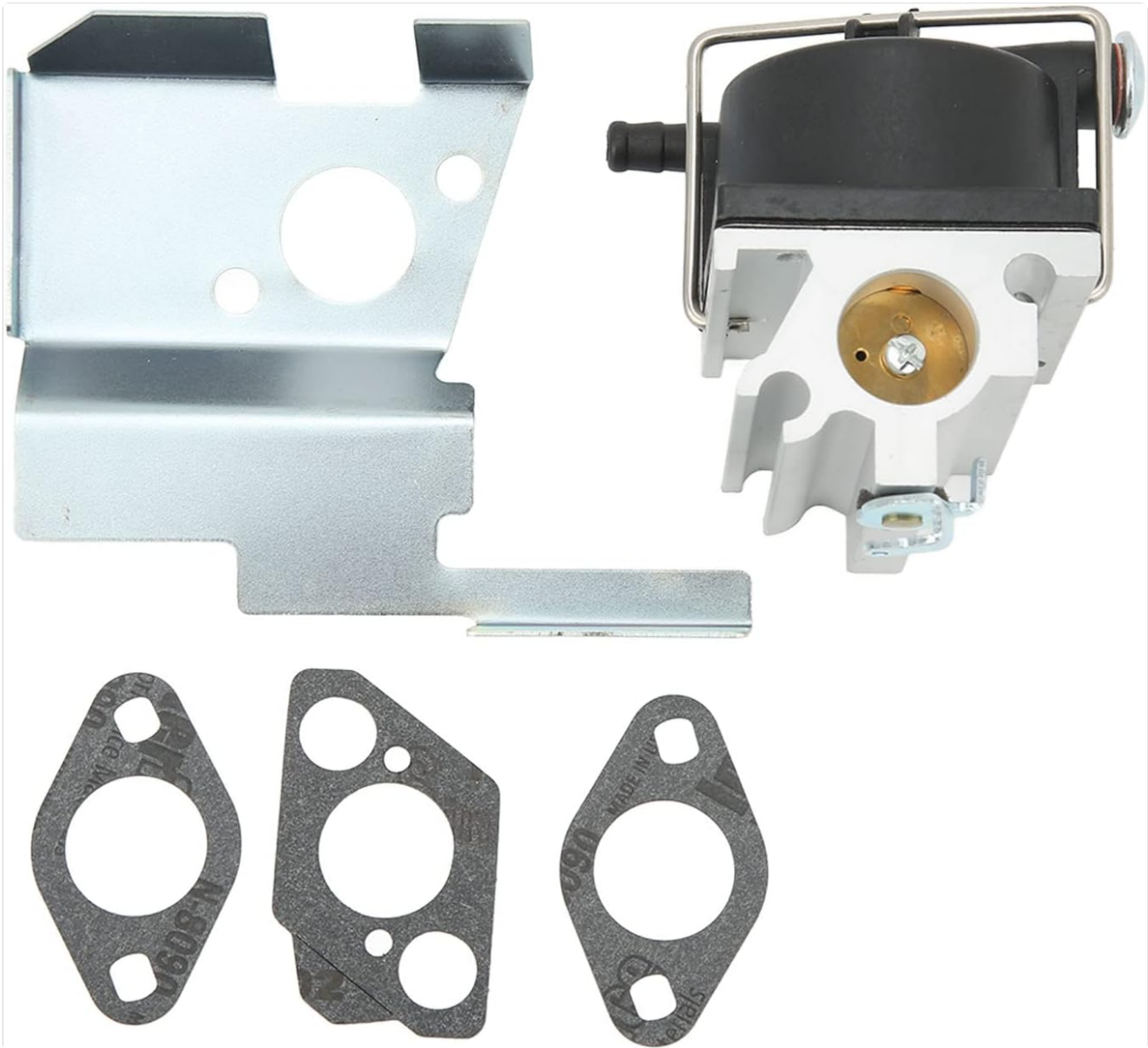


Figure 1: Complete AUNMAS Carburetor kit, including the main carburetor unit, a metal mounting bracket, and three paper gaskets.

2. SPECIFICATIONS

Attribute	Detail
Item Type	Carburetor
Material	Aluminum
Weight	Approx. 275g (9.70oz)
Package Dimensions	5.51 x 3.94 x 3.15 inches
Manufacturer	AUNMAS
Model Number	AUNMASH5kp2mtqyi

3. COMPATIBILITY

This carburetor is specifically designed as a direct replacement for the following Tecumseh lawn mower models:

- Tecumseh 640020
- Tecumseh 640020A
- Tecumseh 640020B
- Tecumseh 640020C
- Tecumseh VLV50
- Tecumseh VLV55
- Tecumseh VLV60
- Tecumseh 66
- Tecumseh 126

Please verify your lawn mower's model number before purchasing and installing to ensure proper fit and function.

4. INSTALLATION GUIDE

4.1. Before You Begin

- **Safety First:** Always ensure the lawn mower engine is cool and disconnected from its spark plug wire to prevent accidental starting.
- Work in a well-ventilated area.
- Have a clean workspace to prevent debris from entering the engine.
- Refer to your lawn mower's original service manual for specific engine disassembly instructions if needed.

4.2. Required Tools

- Socket wrench set
- Screwdriver set (flathead and Phillips)
- Pliers
- Fuel line clamp (optional, but recommended)
- Clean rags

4.3. Step-by-Step Installation

1. **Drain Fuel:** If necessary, drain the fuel tank or use a fuel line clamp to prevent fuel leakage during the process.
2. **Remove Air Filter Assembly:** Carefully remove the air filter housing and any associated components to gain access to the carburetor.
3. **Disconnect Linkages and Fuel Line:** Disconnect the throttle and choke linkages from the old carburetor. Use pliers to remove the fuel line from the carburetor inlet. Be prepared for a small amount of fuel to spill.
4. **Remove Mounting Bolts:** Locate and remove the bolts that secure the carburetor to the engine manifold.
5. **Remove Old Carburetor and Gaskets:** Carefully pull the old carburetor away from the engine. Ensure all old gaskets are removed from both the engine side and the air filter side.



Figure 2: Side view of the carburetor, illustrating the main body and connection points.

6. **Install New Gaskets and Spacer:** Place the new paper gaskets and the spacer (if applicable and provided) in the correct order between the engine manifold and the new carburetor. Ensure they are properly aligned with the bolt holes and air/fuel passages.
7. **Mount New Carburetor:** Position the new AUNMAS carburetor onto the engine manifold, aligning it with the bolt holes.
8. **Secure Mounting Bolts:** Reinstall and tighten the mounting bolts evenly to secure the carburetor. Do not overtighten.
9. **Reconnect Fuel Line and Linkages:** Reattach the fuel line to the carburetor inlet. Reconnect the throttle and choke linkages to their respective points on the new carburetor. Ensure they move freely.



Figure 3: Close-up view of the carburetor's internal brass component, which is crucial for fuel mixture.

10. **Reinstall Air Filter Assembly:** Reassemble the air filter housing and any other components that were removed.
11. **Reconnect Spark Plug Wire:** Reconnect the spark plug wire.
12. **Refill Fuel:** Refill the fuel tank with fresh, appropriate fuel.
13. **Test Run:** Start the engine and check for any fuel leaks or abnormal operation. Allow the engine to warm up and adjust idle speed if necessary according to your mower's manual.

5. OPERATION

After successful installation, the new carburetor should allow your lawn mower engine to start smoothly and run consistently. The carburetor is designed to provide the correct fuel-air mixture for optimal engine performance. If you experience rough idling, stalling, or difficulty starting, refer to the troubleshooting section.

6. MAINTENANCE

Proper maintenance of your carburetor and lawn mower will ensure longevity and reliable performance.

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel is a common cause of carburetor issues. Consider using a fuel stabilizer if storing the mower for extended periods.
- **Air Filter:** Regularly inspect and clean or replace the air filter. A clogged air filter can restrict airflow and affect carburetor performance.
- **Fuel Filter:** If your mower has a fuel filter, inspect and replace it periodically to prevent debris from reaching the carburetor.
- **Carburetor Cleaning:** If performance issues arise, the carburetor may need cleaning. This typically involves disassembling the carburetor and cleaning its internal passages with carburetor cleaner. This task may require professional assistance if you are not familiar with engine components.
- **Storage:** Before long-term storage, run the engine until it runs out of fuel, or drain the fuel tank and carburetor to prevent fuel degradation and gumming.

7. TROUBLESHOOTING

If your lawn mower experiences issues after carburetor replacement, consult the table below for common problems and potential solutions.

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel line, spark plug issue, incorrect installation	Check fuel level, inspect fuel line for kinks/blockages, check spark plug, re-verify installation steps.
Engine runs rough or stalls	Improper fuel-air mixture, dirty air filter, old fuel, carburetor passages clogged	Ensure air filter is clean, use fresh fuel, consider professional carburetor cleaning if issues persist.
Fuel leaks	Improperly seated gaskets, loose fuel line connection, damaged fuel line	Check gasket alignment, tighten fuel line clamp, inspect fuel line for cracks.
Engine lacks power	Clogged air filter, restricted exhaust, carburetor not delivering enough fuel	Clean/replace air filter, check exhaust for blockages, ensure carburetor is clean and functioning.

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

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or additional support, please refer to the purchase documentation or contact the AUNMAS customer service directly. You can also visit the official AUNMAS store on Amazon for more product information and contact options: [AUNMAS Store](#).

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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.

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