

Ariens 20001368

Ariens OEM Snow Thrower Carburetor 20001368 Instruction Manual

Model: 20001368

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Ariens OEM Snow Thrower Carburetor, Part Number 20001368. This carburetor is designed for specific Ariens snow thrower engines, including the 08201213 - 208cc 120v engine. Please read this manual thoroughly before attempting any installation or service.

SAFETY INFORMATION

Always prioritize safety when working with power equipment and fuel systems. Failure to follow safety instructions can result in serious injury or property damage.

- Ensure the snow thrower engine is **OFF** and **COOL** before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area. Fuel vapors are flammable and hazardous.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Handle fuel with extreme care. Do not smoke or use open flames near fuel.
- Dispose of old fuel and parts responsibly according to local regulations.

PACKAGE CONTENTS

Verify that all components are present before proceeding with installation.

- 1 x Ariens OEM Snow Thrower Carburetor (Part # 20001368)
- 2 x Gaskets (for mounting)



Image: Two black gaskets, essential for creating a proper seal during carburetor installation.

SETUP AND INSTALLATION

This section outlines the general steps for replacing a snow thrower carburetor. Specific procedures may vary slightly depending on your snow thrower model. Refer to your snow thrower's service manual for detailed instructions.

1. **Preparation:** Ensure the engine is off, cool, and the spark plug wire is disconnected. Place a suitable container under the carburetor to catch any spilled fuel.
2. **Remove Air Filter Assembly:** Carefully remove the air filter housing and air filter to gain access to the carburetor.
3. **Disconnect Fuel Line:** Pinch off the fuel line with a clamp or drain the fuel tank. Disconnect the fuel

line from the old carburetor. Be prepared for some fuel spillage.

4. **Disconnect Linkages:** Carefully note and disconnect all throttle and choke linkages attached to the old carburetor. Take photos if necessary for reassembly.
5. **Remove Old Carburetor:** Unbolt the old carburetor from the engine. Remove any old gaskets.
6. **Install New Gaskets:** Place the new gaskets in their correct positions between the engine, insulator (if present), and the new carburetor. Ensure they are properly aligned.
7. **Mount New Carburetor:** Position the new Ariens OEM Carburetor (Part # 20001368) onto the engine studs and secure it with the mounting bolts. Do not overtighten.

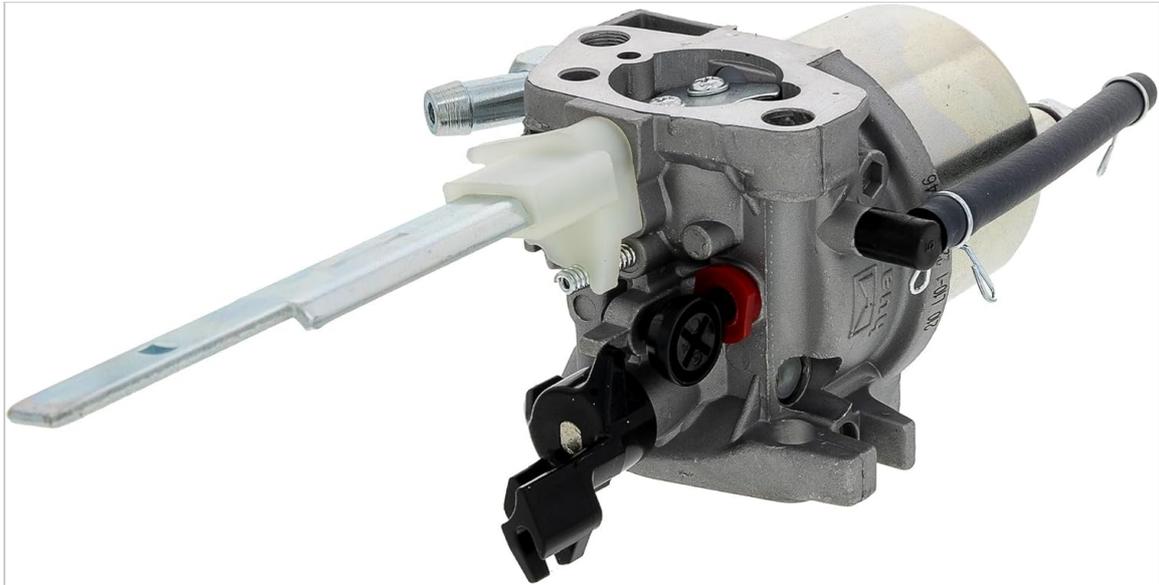


Image: The Ariens OEM Carburetor 20001368, showing the linkage arm and fuel inlet. This view is helpful for understanding how to connect throttle and choke linkages.

8. **Reconnect Linkages:** Reattach all throttle and choke linkages to the new carburetor, ensuring they move freely and are correctly positioned.



Image: The Ariens OEM Carburetor 20001368, illustrating the fuel line connection point. Ensure a secure, leak-free connection.

9. **Reconnect Fuel Line:** Remove the fuel line clamp and securely connect the fuel line to the carburetor's fuel inlet. Check for leaks.
10. **Reinstall Air Filter Assembly:** Reattach the air filter and air filter housing.

11. **Final Checks:** Double-check all connections, ensuring everything is tight and properly routed. Reconnect the spark plug wire.

OPERATING

The carburetor is a critical component of your snow thrower's engine, responsible for mixing air and fuel in the correct proportions for combustion. Once properly installed, the carburetor should function automatically as part of the engine system.

- Ensure the fuel tank contains fresh, clean fuel appropriate for your snow thrower.
- Follow your snow thrower's manufacturer instructions for starting the engine. This typically involves setting the choke and throttle.
- If the engine does not start or runs poorly after carburetor replacement, refer to the troubleshooting section.

MAINTENANCE

Proper maintenance of your carburetor ensures optimal engine performance and longevity. While this is an OEM replacement part, regular checks are still recommended.

- **Fuel Quality:** Always use fresh, clean, stabilized fuel. Stale or contaminated fuel is the leading cause of carburetor issues.
- **Fuel Filter:** Regularly inspect and replace the fuel filter (if equipped) to prevent debris from reaching the carburetor.
- **Storage:** Before long-term storage, either run the engine until it runs out of fuel or drain the fuel system completely to prevent fuel degradation and gumming in the carburetor. Using a fuel stabilizer is also recommended.
- **Air Filter:** Keep the air filter clean to ensure proper air intake, which is crucial for correct fuel-air mixture.

TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|-----------------------------|---|---|
| Engine won't start | No fuel reaching carburetor; incorrect choke/throttle setting; spark plug issue; air leak | Check fuel level and flow; verify choke/throttle positions; inspect spark plug; check for loose mounting bolts/gaskets. |
| Engine runs rough or stalls | Improper fuel-air mixture; fuel contamination; air filter clogged; linkage issues | Ensure fresh fuel; clean/replace air filter; verify linkages are free and correctly attached. |
| Fuel leaks | Loose fuel line connection; damaged gaskets; float bowl issue | Tighten fuel line clamp; inspect and replace gaskets if damaged; consult a service professional for internal carburetor issues. |

SPECIFICATIONS

- **Part Number:** 20001368
- **Brand:** Ariens
- **Vehicle Service Type:** Snow Blower
- **Flange Type:** Bolt On
- **Includes:** Carburetor, 2 Gaskets
- **Compatibility:** Fits 08201213 - 208cc 120v Engine (and other compatible Ariens models)
- **Product Dimensions:** Approximately 11.5 x 8.5 x 6.5 inches (packaging)
- **Item Weight:** Approximately 0.01 ounces (packaging)

WARRANTY AND SUPPORT

For warranty information regarding your Ariens OEM Snow Thrower Carburetor 20001368, please refer to the official Ariens website or contact Ariens customer support directly. Keep your purchase receipt as proof of purchase.

For additional technical support or service inquiries, please visit the official [Ariens Store on Amazon](#) or consult an authorized Ariens service center.