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› FIXED UP FINDS /

› FIXED UP FINDS Carburetor Instruction Manual for Troy-Bilt Storm 9528 Snow Throwers

FIXED UP FINDS 9528, 31AE6KQ4766, 31AH7T74063

FIXED UP FINDS Carburetor Instruction Manual

For Troy-Bilt Storm 9528, 31AE6KQ4766, 31AH7T74063 28" Snow Throwers

Introduction Safety Information Setup &
Installation Operation Maintenance Troubleshooting Specifications

1. INTRODUCTION

This manual provides instructions for the installation and basic operation of the FIXED UP FINDS Carburetor, designed as a direct replacement for Troy-Bilt Storm 9528, 31AE6KQ4766, and 31AH7T74063 28" snow throwers. This carburetor ensures efficient fuel delivery for smooth engine performance. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

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

- Always disconnect the spark plug wire before performing any maintenance or installation to prevent accidental engine startup.
- Work in a well-ventilated area. Fuel vapors are flammable and hazardous.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the engine is cool before working on the fuel system.
- Have a fire extinguisher readily available.
- Dispose of old fuel and parts responsibly according to local regulations.

3. SETUP & INSTALLATION

This carburetor is a direct replacement part. Before beginning installation, carefully verify the product's dimensions and compare it with the original carburetor on your snow thrower. Examine the provided photos to ensure a perfect fit.

3.1 Included Components

The package typically includes the carburetor assembly, a primer bulb, a fuel filter, a mounting gasket, fuel line, and clamps.



Figure 1: Complete carburetor kit including the main carburetor unit, primer bulb, fuel filter, gasket, fuel line, and clamps.

3.2 Installation Steps

1. **Preparation:** Ensure the snow thrower engine is off and cool. Disconnect the spark plug wire. Drain any fuel from the fuel tank and carburetor bowl.
2. **Access:** Remove any covers or air filter assemblies necessary to access the existing carburetor.
3. **Disconnect:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
4. **Remove Old Carburetor:** Unbolt and remove the old carburetor and gasket from the engine.
5. **Install New Gasket:** Place the new mounting gasket (included) onto the engine studs.
6. **Mount New Carburetor:** Position the new FIXED UP FINDS carburetor onto the studs, ensuring it aligns correctly with the gasket and intake manifold. Secure it with the original bolts.
7. **Reconnect:** Reattach the throttle linkage, choke linkage, and fuel line to the new carburetor. Ensure all connections are secure and move freely. Replace the fuel filter and primer bulb if necessary, using the new components provided.
8. **Final Checks:** Double-check all connections. Reconnect the spark plug wire.

4. OPERATION AFTER CARBURETOR REPLACEMENT

After installing the new carburetor, follow these steps to start your snow thrower:

1. **Add Fresh Fuel:** Fill the fuel tank with fresh, stabilized gasoline.
2. **Prime the System:** Press the primer bulb several times (typically 3-5 times, or until fuel is visible in the bulb) to draw fuel into the carburetor.
3. **Set Choke:** Move the choke lever to the "FULL CHOKE" position.
4. **Start Engine:** Pull the starter cord firmly or use the electric starter until the engine attempts to start or runs briefly.
5. **Adjust Choke:** As the engine warms up, gradually move the choke lever to the "RUN" position.
6. **Warm-up:** Allow the engine to run for a few minutes to reach operating temperature before engaging the auger.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your carburetor and snow thrower.

- **Fuel Quality:** Always use fresh, clean gasoline. Consider using a fuel stabilizer, especially during storage periods.
- **Fuel Filter:** Regularly inspect and replace the fuel filter (if equipped) to prevent contaminants from reaching the carburetor.
- **Storage:** Before long-term storage, drain the fuel tank and run the engine until it runs out of fuel, or use a fuel stabilizer to prevent gum and varnish buildup in the carburetor.
- **Cleaning:** If performance issues arise, the carburetor may require cleaning. This task is recommended for experienced users or professional service.

6. TROUBLESHOOTING COMMON ISSUES

If your snow thrower experiences issues after carburetor replacement, consider the following:

Symptom	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke setting, clogged fuel filter, spark plug issue.	Check fuel level, ensure choke is on, replace fuel filter, check spark plug.
Engine runs rough or stalls	Incorrect fuel mixture, dirty carburetor, air leak, old fuel.	Adjust choke, clean carburetor, check for air leaks around gaskets, use fresh fuel.
Fuel leaks	Loose fuel line, damaged gasket, float needle issue.	Tighten fuel lines, replace gasket, inspect float and needle valve.

If issues persist, consult a qualified service technician.

7. SPECIFICATIONS

- **Product Type:** Replacement Carburetor
- **Brand:** FIXED UP FINDS
- **Compatible Models:** Troy-Bilt Storm 9528, 31AE6KQ4766, 31AH7T74063 28" Snow Throwers
- **Manufacturer Part Numbers (MPN):** 31AE6KQ4766, 31AH7T74063
- **ASIN:** B0DHPSX436

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For warranty details or technical support, please contact FIXED UP FINDS directly through their official channels or the retailer where the product was purchased.

