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› FIXED UP FINDS MTD 31AH6GLF790 (SB-626) Snowblower Carburetor Instruction Manual

FIXED UP FINDS 31AH6GLF790 (SB-626)

Instruction Manual for FIXED UP FINDS MTD 31AH6GLF790 (SB-626) Snowblower Carburetor

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your FIXED UP FINDS MTD 31AH6GLF790 (SB-626) Snowblower Carburetor. This carburetor is designed to ensure reliable engine operation, stable fuel delivery, and consistent performance for compatible MTD snow thrower units requiring an SB-626 carburetor replacement.

Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and effective use.

2. SAFETY INFORMATION

Always prioritize safety when working with fuel systems and internal combustion engines. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Fuel Handling:** Gasoline is highly flammable. Always work in a well-ventilated area, away from open flames, sparks, or other ignition sources. Store fuel in approved containers.
- **Engine Heat:** Engine components can become extremely hot during operation. Allow the engine to cool completely before performing any maintenance or installation.
- **Eye Protection:** Wear appropriate eye protection (safety glasses or goggles) to shield against fuel splashes, debris, or other hazards.
- **Gloves:** Wear protective gloves to prevent skin contact with fuel and other chemicals.
- **Disconnect Spark Plug:** Before performing any work on the engine, disconnect the spark plug wire to prevent accidental starting.
- **Ventilation:** Ensure adequate ventilation when working with fuel or engine components to avoid inhaling fumes.
- **Professional Assistance:** If you are unsure about any step, consult a qualified technician.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1x Carburetor (Model 31AH6GLF790)
- 1x Fuel Filter
- 1x Primer Bulb
- 1x Fuel Line
- 2x Gaskets (for mounting)



Image 1: The carburetor assembly with included fuel filter, primer bulb, fuel line, and gaskets.

4. SETUP AND INSTALLATION

This section outlines the general steps for replacing the carburetor. Specific procedures may vary slightly depending on your snowblower model. Always refer to your snowblower's service manual for detailed instructions.

1. Preparation:

- Ensure the snowblower engine is cool.
- Disconnect the spark plug wire.
- Drain the fuel tank into an approved container.
- Clean the area around the carburetor to prevent debris from entering the engine.

2. Remove Old Carburetor:

- Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor.
- Remove the mounting bolts or nuts securing the carburetor to the engine.
- Remove the old carburetor and any old gaskets.

3. Install New Carburetor:

- Place new gaskets in their correct positions between the engine, carburetor, and air filter housing.
- Mount the new FIXED UP FINDS 31AH6GLF790 carburetor, ensuring the model number 31AH6GLF790 is visible for verification.
- Secure the carburetor with the mounting bolts/nuts, tightening them evenly to ensure a vibration-resistant mounting and proper seal.
- Reconnect the throttle linkage and choke linkage. Ensure they operate smoothly without binding.
- Install the new fuel line and fuel filter. Connect the fuel line to the carburetor's fuel inlet.
- Replace the primer bulb if necessary.

4. Final Checks:

- Double-check all connections for tightness and proper routing.
- Ensure no fuel leaks are present.
- Reconnect the spark plug wire.

This carburetor is engineered for durability and provides accurate fuel metering, supporting stable fuel flow and engine startup.

5. OPERATING INSTRUCTIONS (AFTER CARBURETOR REPLACEMENT)

After successful installation, follow these general steps to operate your snowblower:

1. **Refuel:** Fill the fuel tank with fresh, appropriate gasoline.
2. **Prime the Engine:** Press the primer bulb several times (typically 3-5 times, or as recommended by your snowblower's manual) until fuel is visible in the primer bulb or fuel line.
3. **Choke:** Set the choke lever to the "FULL CHOKE" position.
4. **Throttle:** Set the throttle to the "FAST" or "RUN" position.
5. **Start Engine:** Pull the starter rope firmly or engage the electric starter.
6. **Warm-up:** Once the engine starts, gradually move the choke lever to the "OFF" or "RUN" position as the engine warms up and runs smoothly.
7. **Operation:** Allow the engine to warm up for a few minutes before beginning snow removal.

The new carburetor supports stable fuel and throttle performance, contributing to enhanced engine reliability.

6. MAINTENANCE

Regular maintenance helps prolong the life of your carburetor and ensures optimal snowblower performance.

- **Fuel Quality:** Always use fresh, clean gasoline. Stale or contaminated fuel is a primary cause of carburetor issues. Consider using a fuel stabilizer, especially during off-season storage.
- **Fuel Filter:** Inspect and replace the fuel filter annually or more frequently if operating in dusty conditions or if fuel flow issues are observed.
- **Storage:** Before long-term storage, either run the engine until it runs out of fuel or drain the fuel tank and carburetor bowl to prevent fuel degradation and gumming.
- **Cleaning:** Periodically inspect the carburetor for external dirt or debris. Clean with a soft brush and carburetor cleaner if necessary. Avoid spraying cleaner directly into engine openings.

7. TROUBLESHOOTING

If you encounter issues after installing the new carburetor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Engine will not start	No fuel, incorrect choke setting, clogged fuel filter, spark plug issue.	Check fuel level, ensure choke is set correctly, replace fuel filter, check spark plug.
Engine runs rough or stalls	Stale fuel, air leak around carburetor gaskets, incorrect idle adjustment.	Use fresh fuel, check carburetor mounting and gaskets for leaks, adjust idle screw if accessible (refer to snowblower manual).
Fuel leaks from carburetor	Loose connections, damaged gaskets, float needle issue.	Tighten fuel line connections, replace gaskets, inspect float and needle valve (professional service recommended).
Engine lacks power	Clogged fuel filter, restricted air intake, carburetor not delivering enough fuel.	Replace fuel filter, clean air filter, ensure carburetor linkages are free.

If troubleshooting steps do not resolve the issue, contact a qualified service technician.

8. SPECIFICATIONS

- **Model Number:** 31AH6GLF790 (SB-626)
- **Compatibility:** MTD Snowblower units requiring SB-626 carburetor replacement (e.g., 31AH6GLF790 (2006) models)
- **Product Dimensions:** 2 x 2 x 2 inches
- **Item Weight:** 5 pounds
- **Manufacturer:** FIXED UP FINDS
- **ASIN:** B0DHSYPH4W

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your FIXED UP FINDS MTD 31AH6GLF790 (SB-626) Snowblower Carburetor, please contact FIXED UP FINDS directly through their official channels or the retailer from whom the product was purchased. Please have your purchase receipt and product model number available when contacting support.

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Image 2: FIXED UP FINDS brand logo.