



Manuals.plus /

› Yuncoold /

› Yuncoold Carburetor Instruction Manual for Briggs & Stratton 550EX 140cc Engines (Model 84002107)

Yuncoold 84002107

Yuncoold Carburetor Instruction Manual

For Briggs & Stratton 550EX 140cc Engines (Model 84002107)

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Yuncoold Carburetor. This carburetor is designed as a replacement part for Briggs & Stratton 550EX and 140cc series engines, specifically compatible with model 84002107, and includes an air filter cover. Please read these instructions thoroughly before proceeding with installation or use to ensure safe and effective operation.

SAFETY INFORMATION

Always prioritize safety when working with engine components and fuel. Failure to follow safety precautions can result in serious injury or damage.

- **Disconnect Spark Plug:** Before performing any work on the engine, always disconnect the spark plug wire to prevent accidental starting.
- **Fuel Handling:** Gasoline is highly flammable. Work in a well-ventilated area, away from open flames or sparks. Store fuel in approved containers.
- **Eye Protection:** Wear safety glasses or goggles to protect your eyes from debris and fuel splashes.
- **Gloves:** Wear appropriate gloves to protect your hands from fuel, oil, and sharp edges.
- **Engine Cooling:** Allow the engine to cool completely before working on it to avoid burns.
- **Professional Assistance:** If you are unsure about any step, consult a qualified technician.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package. The package typically includes the following items:

- 1 x Carburetor (Model 84002107)
- 1 x Air Filter
- 1 x Air Filter Cover

- 1 x Spark Plug
- 1 x Fuel Pump
- 1 x Fuel Shut Off Valve



Image: The Yuncoold Carburetor, shown with included red gaskets for sealing.



Image: The included air filter (left) and air filter cover (right).

SETUP AND INSTALLATION

This section outlines the general steps for replacing a carburetor. Specific engine models may have variations. Refer to your engine's service manual for detailed instructions if available.

1. **Prepare the Engine:** Ensure the engine is cool. Disconnect the spark plug wire. Turn off the fuel supply and, if possible, drain the fuel tank.
2. **Remove Air Filter Assembly:** Detach the air filter cover and remove the old air filter. Disconnect any hoses or linkages connected to the air filter housing.
3. **Disconnect Fuel Line:** Carefully disconnect the fuel line from the old carburetor. Be prepared for some fuel spillage.
4. **Disconnect Linkages:** Disconnect the throttle and choke linkages from the old carburetor. Note their positions for reassembly.
5. **Remove Old Carburetor:** Unbolt the old carburetor from the engine. Remove any old gaskets.
6. **Install New Carburetor:** Place new gaskets (included) on the engine mounting surface. Mount the new Yuncoold carburetor, ensuring it is properly seated. Secure with bolts, but do not overtighten.
7. **Reconnect Linkages:** Reattach the throttle and choke linkages to the new carburetor. Verify smooth operation.
8. **Reconnect Fuel Line:** Connect the fuel line to the new carburetor. Install the new fuel shut-off valve and fuel pump if replacing.
9. **Install New Air Filter:** Insert the new air filter into the air filter housing and secure it with the new air filter cover.
10. **Reconnect Spark Plug:** Reconnect the spark plug wire.



Image: Side view of the carburetor, showing mounting points and fuel inlet.

OPERATING INSTRUCTIONS

After successful installation, follow these general steps to start your engine:

1. **Refill Fuel:** Add fresh, appropriate fuel to the engine's fuel tank.
2. **Open Fuel Valve:** Ensure the fuel shut-off valve is in the open position.
3. **Prime Carburetor (if applicable):** Some engines have a primer bulb. Press it several times until fuel is visible in the bulb or fuel lines.
4. **Set Choke:** For a cold engine, set the choke to the