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› Fricgore WT-264 Carburetor Instruction Manual for Stihl HS76, HS74, HS72 Hedge Trimmers

Fricgore WT-264

Fricgore WT-264 Carburetor Instruction Manual

For Stihl HS76, HS74, HS72 Hedge Trimmers

1. PRODUCT OVERVIEW

This document provides comprehensive instructions for the Fricgore WT-264 Carburetor, a direct replacement component for specific Stihl hedge trimmer models. The carburetor is a critical part of the engine's fuel system, responsible for mixing air and fuel in the correct ratio for combustion.

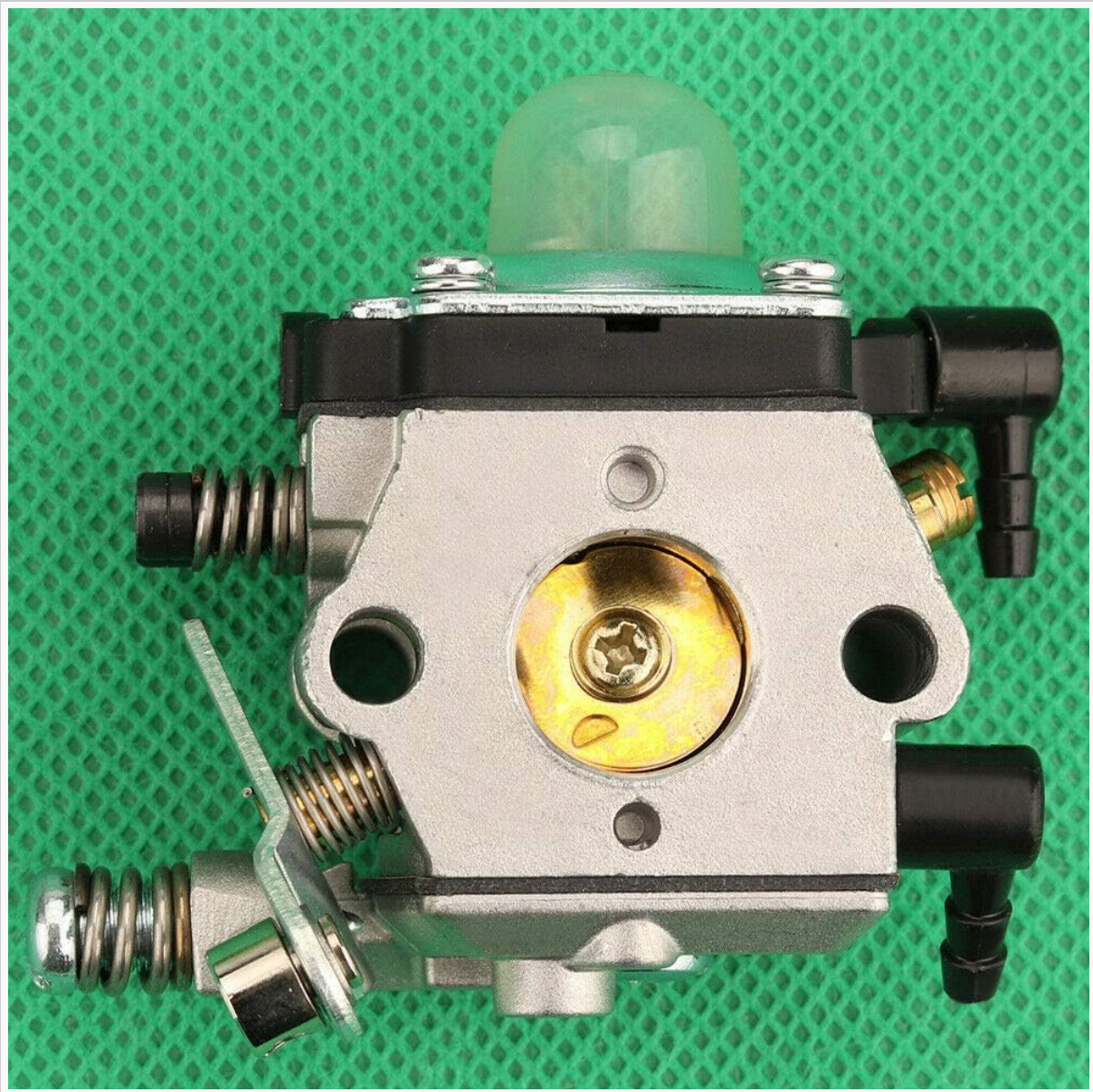


Figure 1.1: Front view of the Fricgore WT-264 Carburetor, showing the primer bulb and main adjustment screw.

2. COMPATIBILITY

The Fricgore WT-264 Carburetor is compatible with the following Stihl hedge trimmer models:

- Stihl HS76
- Stihl HS74
- Stihl HS72

Ensure your hedge trimmer model matches one of the listed compatible models before proceeding with installation.

3. INSTALLATION GUIDE

Safety First: Before beginning any work on your equipment, ensure the engine is turned off, cool, and the spark plug wire is disconnected to prevent accidental starting.

Required Tools:

- Screwdriver set (Phillips and Flathead)

- Socket wrench set
- Pliers
- Clean rags
- Fuel-resistant gloves

Installation Steps:

1. **Drain Fuel:** Carefully drain all fuel from the hedge trimmer's fuel tank into an approved container.
2. **Access Carburetor:** Remove the air filter cover and air filter. Locate the carburetor, which is typically mounted between the air filter housing and the engine intake manifold.
3. **Disconnect Linkages and Hoses:** Disconnect the throttle linkage, choke linkage, and any fuel lines (inlet and return) connected to the old carburetor. Note their positions for reassembly.
4. **Remove Old Carburetor:** Unscrew the mounting bolts or nuts that secure the carburetor to the engine. Carefully remove the old carburetor, ensuring not to damage any gaskets.
5. **Install New Carburetor:** Place new gaskets (if provided or required) onto the engine intake manifold. Position the Fricgore WT-264 Carburetor onto the mounting studs/bolts.



Figure 3.1: Angled view of the carburetor, highlighting fuel line connection points.

6. **Secure Carburetor:** Tighten the mounting bolts/nuts evenly to secure the carburetor. Do not overtighten.
7. **Reconnect Components:** Reconnect the throttle linkage, choke linkage, and fuel lines to their

correct positions on the new carburetor. Refer to your notes or photos taken during disassembly.



Figure 3.2: Side view illustrating the throttle linkage attachment point on the carburetor.

8. **Reassemble:** Reinstall the air filter and air filter cover. Reconnect the spark plug wire.

4. INITIAL ADJUSTMENT AND OPERATION

After installation, some initial steps are necessary to ensure proper function.

1. **Refill Fuel:** Fill the fuel tank with the appropriate fuel mixture as specified by your hedge trimmer's manufacturer.
2. **Prime Carburetor:** Press the primer bulb several times until fuel is visible in the bulb and flows freely, indicating the carburetor is primed.



Figure 4.1: Close-up of the primer bulb on the carburetor.

3. **Start Engine:** Follow your hedge trimmer's starting procedure. The engine may require a few extra pulls to start after a carburetor replacement.
4. **Idle Adjustment:** Once the engine is running and warmed up, check the idle speed. If the engine idles too fast or too slow, locate the idle adjustment screw (typically marked 'LA' or 'T') on the carburetor and turn it clockwise to increase idle speed or counter-clockwise to decrease it. Adjust until the engine idles smoothly without the cutting attachment moving.

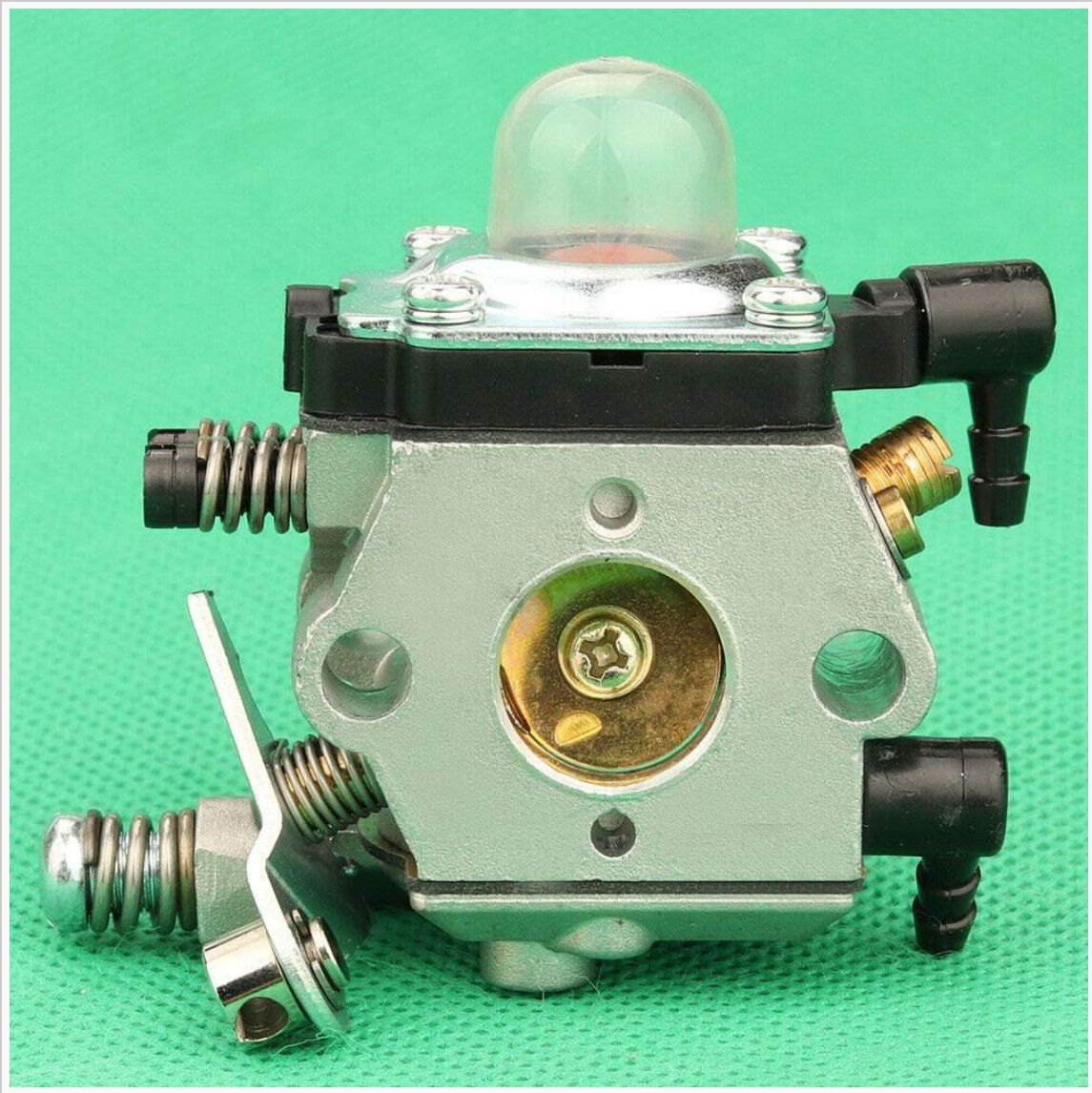


Figure 4.2: Top view of the carburetor, indicating potential locations for idle and mixture adjustment screws.

5. **High/Low Speed Adjustment (if applicable):** Some carburetors have high (H) and low (L) speed mixture screws. Unless you have experience, it is recommended to leave these at their factory settings or consult a qualified service technician for adjustment. Incorrect adjustment can damage the engine.

5. MAINTENANCE

Regular maintenance of the carburetor and fuel system ensures optimal performance and extends the life of your hedge trimmer.

- **Fuel System Cleanliness:** Always use fresh, clean fuel mixed according to your hedge trimmer's specifications. Stale or contaminated fuel can clog the carburetor.
- **Fuel Filter:** Periodically inspect and replace the fuel filter located inside the fuel tank. A clogged fuel filter restricts fuel flow to the carburetor.
- **Air Filter:** Clean or replace the air filter regularly. A dirty air filter restricts airflow, leading to a rich fuel mixture and poor engine performance.
- **Carburetor Cleaning:** If the carburetor becomes clogged or dirty, it may require cleaning. This typically involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and replacing gaskets and diaphragms. This procedure is best performed by an experienced technician.



Figure 5.1: Another angled view of the carburetor, showing various components that may require cleaning or inspection.

6. TROUBLESHOOTING

If your hedge trimmer experiences issues after carburetor installation, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine won't start	No fuel reaching carburetor; clogged fuel filter; incorrect fuel lines; carburetor not primed.	Check fuel level; replace fuel filter; verify fuel line connections; prime carburetor.
Engine runs rough or stalls	Dirty carburetor; incorrect idle adjustment; air leak; old fuel.	Clean carburetor; adjust idle screw; check for loose connections/gaskets; use fresh fuel.
Lack of power	Clogged air filter; restricted fuel flow; incorrect high-speed mixture adjustment.	Clean/replace air filter; check fuel filter and lines; consult technician for high-speed adjustment.
Fuel leaks	Loose fuel lines; damaged gaskets; cracked primer bulb.	Tighten fuel line clamps; replace gaskets; replace primer bulb.

If issues persist after attempting these solutions, it is recommended to consult a qualified small engine technician.

7. SPECIFICATIONS

- **Brand:** Fricgore
- **Model:** WT-264
- **Compatibility:** Stihl HS76, HS74, HS72 Hedge Trimmers
- **Part Type:** Carburetor Replacement