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## Fricgore Carburetor

# Fricgore Carburetor Replacement Part Instruction Manual

For Craftsman Trimmers Models 358791170, 358.791140, 358795920

## 1. INTRODUCTION

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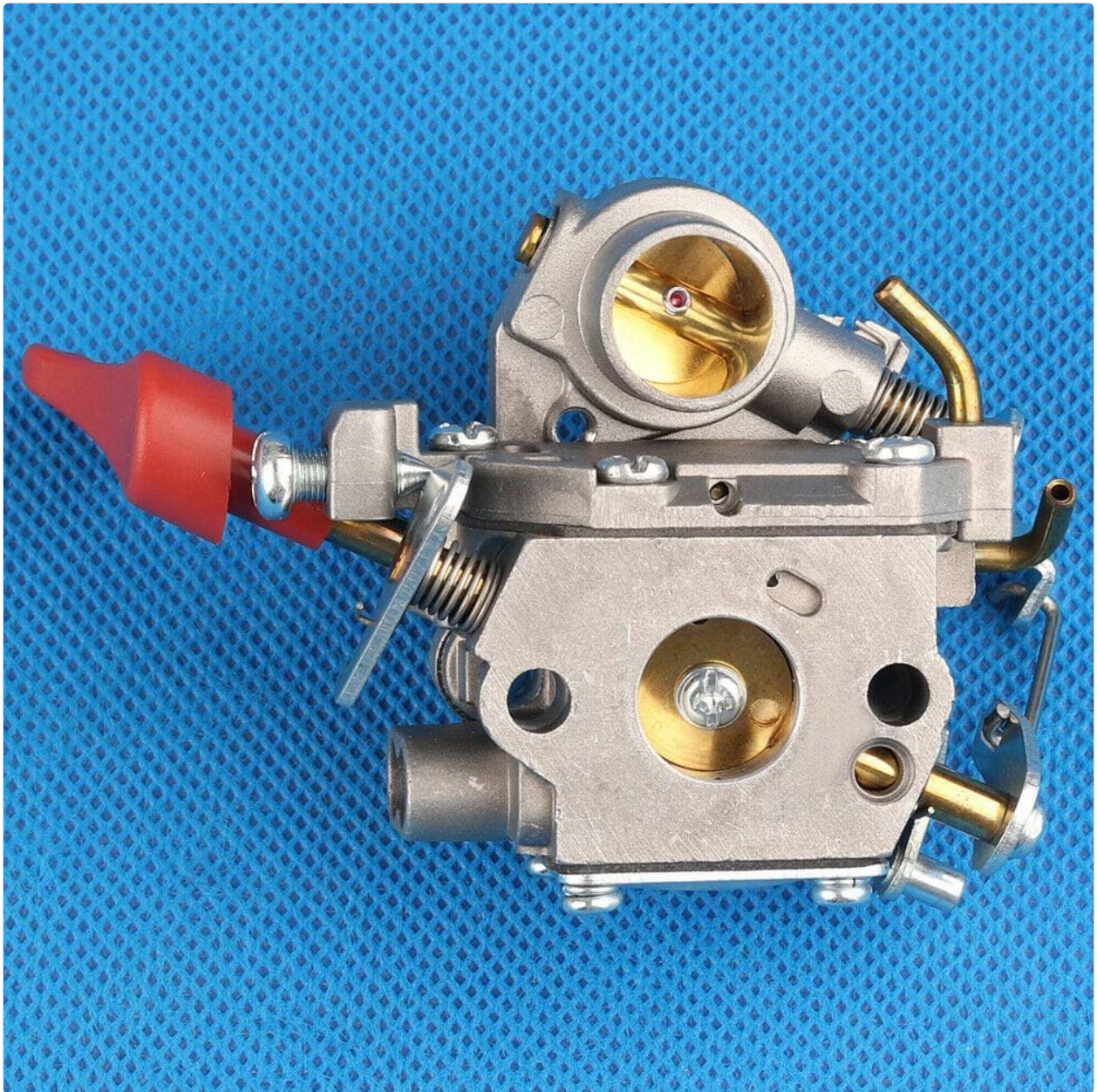
This manual provides essential instructions for the installation, operation, and maintenance of your Fricgore replacement carburetor. This carburetor is designed to be compatible with specific Craftsman trimmer models, ensuring proper fuel delivery and engine performance. Please read this manual thoroughly before attempting any installation or maintenance procedures.

**Safety Warning: Always disconnect the spark plug wire before performing any service or maintenance on your trimmer to prevent accidental starting. Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.**

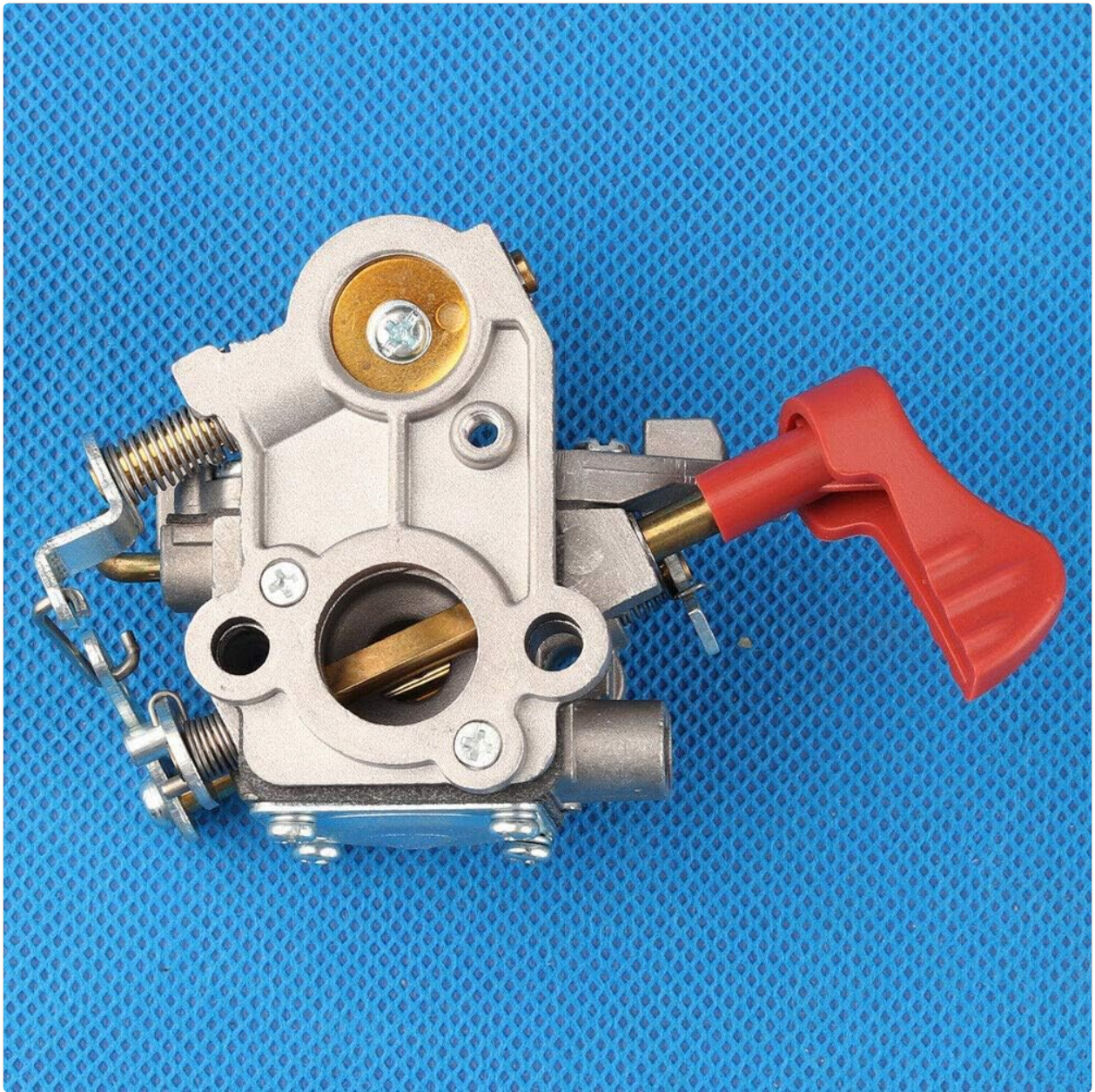
## 2. PRODUCT OVERVIEW

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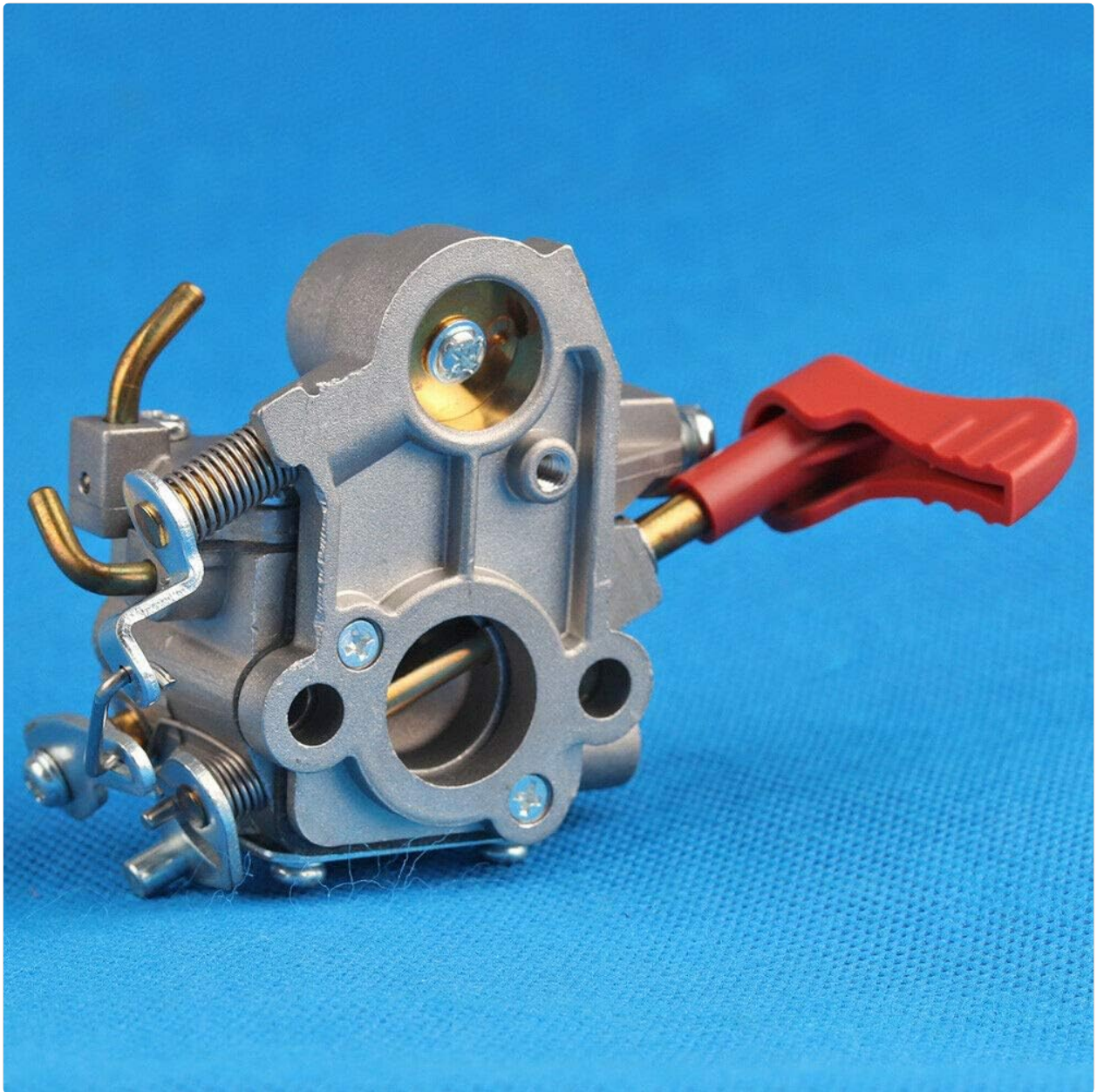
The Fricgore replacement carburetor is a crucial component for your trimmer's engine, responsible for mixing air and fuel in the correct proportions for combustion. Proper functioning of the carburetor is vital for reliable starting and consistent engine operation.



*Figure 1: Top-down view of the Fricgore replacement carburetor. This image shows the main body of the carburetor, including the air intake, fuel lines, and the red primer bulb, indicating its primary function in fuel delivery.*



*Figure 2: Side view of the Frigore replacement carburetor. This perspective highlights the throttle linkage mechanism and the fuel inlet, providing a clearer understanding of its mechanical components.*



*Figure 3: Alternate side view of the Frigore replacement carburetor. This image focuses on the choke plate and additional adjustment screws, which are critical for cold starting and fine-tuning engine performance.*

### 3. INSTALLATION INSTRUCTIONS

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Replacing a carburetor requires careful attention to detail. If you are unsure about any step, it is recommended to consult a qualified service technician.

#### 3.1. Tools Required

- Screwdriver set (Phillips and Flathead)
- Socket wrench set
- Pliers
- Fuel line clamps (optional)
- New fuel lines and filter (recommended)

#### 3.2. Removal of Old Carburetor

1. **Safety First:** Disconnect the spark plug wire.
2. Drain any remaining fuel from the fuel tank.

3. Remove the air filter cover and air filter.
4. Carefully disconnect the fuel lines from the carburetor. Note their positions for reinstallation.
5. Disconnect the throttle linkage and choke linkage from the carburetor.
6. Unbolt the carburetor from the engine manifold.
7. Remove the old carburetor and any gaskets.

### 3.3. Installation of New Carburetor

1. Ensure the mounting surface on the engine is clean and free of debris.
2. Install new gaskets (if provided) between the carburetor and the engine manifold.
3. Mount the new Fricgore carburetor onto the engine, ensuring it is properly seated.
4. Secure the carburetor with the mounting bolts, tightening them evenly.
5. Reconnect the throttle and choke linkages. Ensure they move freely without binding.
6. Reconnect the fuel lines to their correct ports on the new carburetor. Replace old fuel lines and filter if necessary.
7. Reinstall the air filter and air filter cover.
8. Refill the fuel tank with the appropriate fuel mixture (if applicable for 2-stroke engines).
9. Reconnect the spark plug wire.

## 4. OPERATING AND ADJUSTMENT

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After installation, the carburetor may require minor adjustments for optimal performance.

### 4.1. Initial Start-Up

1. Prime the carburetor by pressing the primer bulb several times until fuel is visible.
2. Set the choke to the "START" or "FULL CHOKE" position.
3. Pull the starter rope until the engine attempts to start or "pops."
4. Move the choke to the "HALF CHOKE" or "RUN" position (depending on your trimmer model).
5. Pull the starter rope again until the engine starts.
6. Allow the engine to warm up for a few minutes before operating.

### 4.2. Carburetor Adjustments (if applicable)

Some carburetors have adjustment screws for idle speed, high-speed mixture, and low-speed mixture. Refer to your trimmer's original owner's manual for specific adjustment procedures. Incorrect adjustments can damage the engine.

- **Idle Speed Screw:** Adjusts the engine's RPM when the throttle is released.
- **Low-Speed Mixture Screw:** Controls the fuel-air mixture at idle and low RPMs.
- **High-Speed Mixture Screw:** Controls the fuel-air mixture at full throttle.

## 5. MAINTENANCE

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Regular maintenance of your carburetor and fuel system will extend the life of your trimmer and ensure reliable operation.

- **Fuel Quality:** Always use fresh, clean fuel. For 2-stroke engines, use the correct oil-to-fuel mixture. Stale fuel can cause carburetor clogging.
- **Fuel Filter:** Inspect and replace the fuel filter annually or more frequently if operating in dusty conditions.

- **Air Filter:** Clean or replace the air filter regularly to prevent dirt from entering the carburetor and engine.
- **Storage:** Before long-term storage, drain the fuel tank and run the engine until it stops to clear fuel from the carburetor. Alternatively, use a fuel stabilizer.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, incorrect choke setting, spark plug issue, fuel lines reversed.	Check fuel level, replace fuel filter, adjust choke, check spark plug, verify fuel line connections.
Engine starts but dies	Incorrect idle speed, clogged low-speed jet, air leak, old fuel.	Adjust idle screw, clean carburetor, check for air leaks, use fresh fuel.
Engine runs poorly at full throttle	Clogged high-speed jet, incorrect high-speed mixture, dirty air filter.	Clean carburetor, adjust high-speed screw, clean/replace air filter.
Fuel leaks from carburetor	Damaged gasket, loose bolts, faulty needle valve.	Inspect and replace gaskets, tighten bolts, check needle valve.

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a qualified service technician.

## 7. SPECIFICATIONS

- **Product Type:** Replacement Carburetor
- **Brand:** Fricgore
- **Compatible Trimmer Models (Craftsman):** 358791170, 358.791140, 358795920
- **ASIN:** B08373J5SY
- **Date First Available:** December 30, 2019

## 8. WARRANTY AND SUPPORT

Specific warranty information for this Fricgore replacement carburetor is not provided in the product details. Please refer to the seller or manufacturer's website for any available warranty terms and conditions. For technical support or further assistance, please contact the seller directly through the platform where the purchase was made.