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› TWDRET Carburetor Kit Instruction Manual for Craftsman 5HP 24-inch Two-Stage Snowthrower Model 247.886640

## TWDRET 247.886640

# TWDRET Carburetor Kit Instruction Manual

For Craftsman 5HP 24-inch Two-Stage Snowthrower Model 247.886640

## 1. INTRODUCTION

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This instruction manual provides essential information for the proper installation, operation, and maintenance of your TWDRET carburetor replacement kit. This kit is specifically designed for compatibility with the Craftsman 5HP 24-inch Two-Stage Snowthrower, model 247.886640. Please read this manual thoroughly before proceeding with any installation or maintenance to ensure safe and effective use.



# **Carburetor**

Fit for  
Craftsman 247.886640 5HP 24" Two Stage Snowthrower



Image 1: TWDRET Carburetor Kit shown with a Craftsman snowthrower in operation, illustrating its intended application.

## **2. PACKAGE CONTENTS**

Verify that all components listed below are present in your package:

- 1x Carburetor
- 1x Fuel Shut Off Valve
- 1x Mount Gasket
- 1x Primer Bulb
- 1x Fuel Filter
- 1x Fuel Line
- 2x Clamps

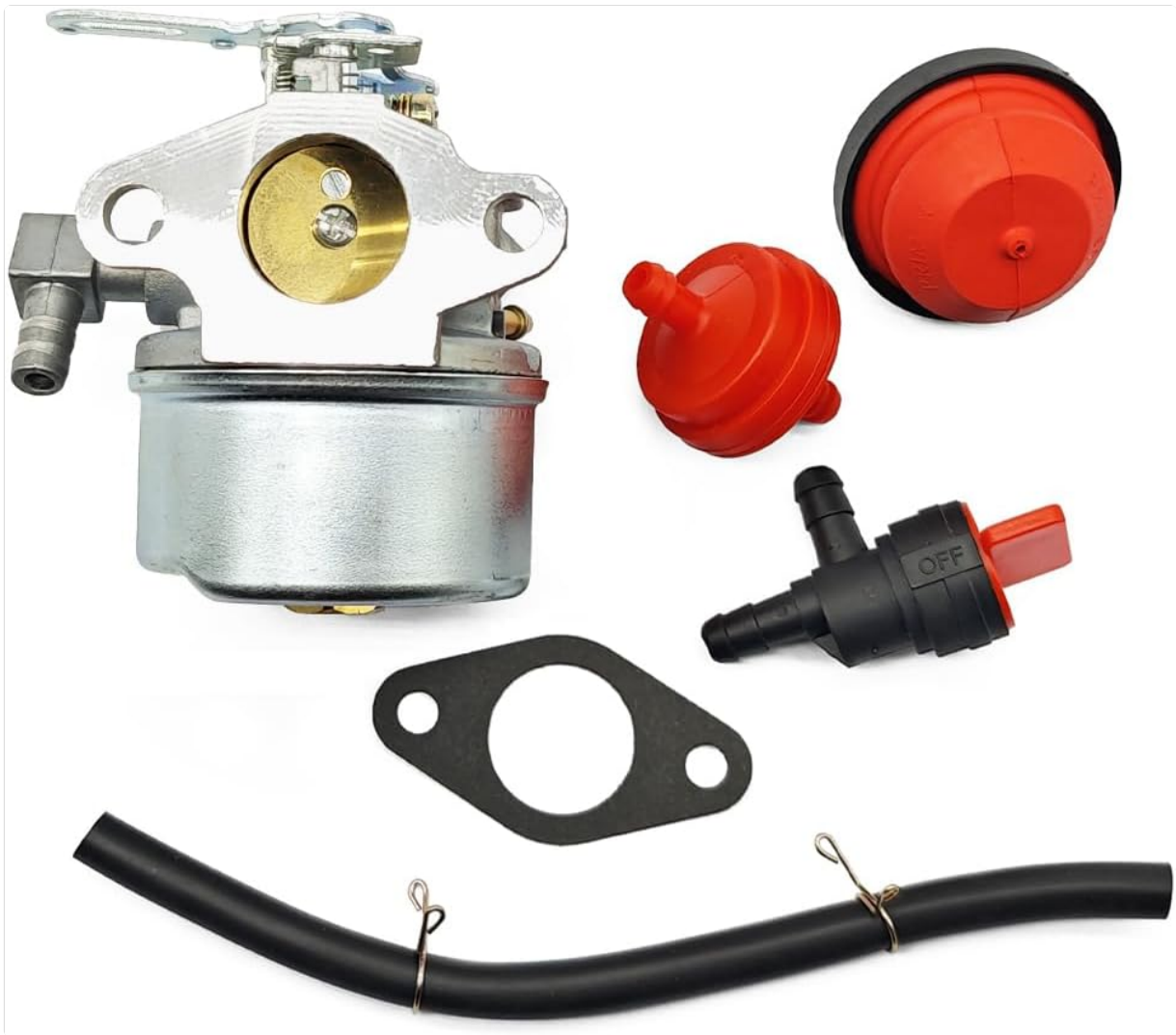


Image 2: A complete view of the TWDRET carburetor kit components, including the carburetor, fuel shut-off valve, mount gasket, primer bulb, fuel filter, fuel line, and clamps.

### 3. SAFETY INFORMATION

**WARNING: Always disconnect the spark plug wire before performing any service or maintenance on the snowthrower to prevent accidental starting.**

- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation and maintenance.
- Work in a well-ventilated area. Fuel fumes are flammable and hazardous.
- Ensure the engine is cool before handling any components.
- Keep all fuel and flammable materials away from open flames or ignition sources.
- Refer to your snowthrower's original owner's manual for additional safety guidelines.

### 4. SETUP AND INSTALLATION

This section outlines the general steps for replacing the carburetor and associated fuel system components. Specific procedures may vary slightly depending on your snowthrower's exact configuration. Always consult your snowthrower's service manual for detailed instructions.

#### 4.1 Preparation

1. Ensure the snowthrower is on a stable, level surface.

2. Disconnect the spark plug wire.
3. Drain the fuel tank into an approved container.
4. Remove any covers or shrouds necessary to access the carburetor.

#### **4.2 Carburetor Replacement**

1. Carefully disconnect the existing fuel lines, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
2. Remove the mounting bolts securing the old carburetor to the engine.
3. Remove the old carburetor and any old gaskets. Clean the mounting surface thoroughly.
4. Install the new mount gasket onto the engine's intake manifold.
5. Position the new TWDRET carburetor, ensuring the gasket is properly seated, and secure it with the mounting bolts. Do not overtighten.
6. Reconnect the throttle and choke linkages to the new carburetor. Verify smooth operation.

#### **4.3 Fuel System Component Installation**

1. Replace the old fuel line with the new fuel line provided, securing it with the new clamps.
2. Install the new fuel filter in-line with the fuel line, ensuring the flow direction is correct (if indicated).
3. Replace the old fuel shut-off valve with the new one, connecting it to the fuel line.
4. Replace the old primer bulb with the new one.

# Easy To Install

Manufactured to Precise OE Requirements For Perfect Fit. Reliable Performance



Image 3: The carburetor kit components laid out, highlighting their readiness for installation. This image emphasizes the ease of replacement.

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Video 1: An overview of a snow blower carburetor, demonstrating its features and components. This video provides visual context for the replacement process.

## 5. OPERATING INSTRUCTIONS (POST-INSTALLATION)

After successful installation of the carburetor kit, follow these general steps to operate your snowthrower. Always refer to your snowthrower's original operating manual for complete instructions.

1. **Refuel:** Fill the fuel tank with fresh, clean gasoline.
2. **Primer Bulb:** Press the primer bulb 3-5 times (or as recommended by your snowthrower's manual) to prime the carburetor.
3. **Choke:** Set the choke lever to the 'FULL CHOKE' position.
4. **Throttle:** Set the throttle to the 'FAST' or 'RUN' position.
5. **Start:** Pull the starter rope firmly or engage the electric starter until the engine starts.
6. **Warm-up:** Once the engine starts, gradually move the choke lever to the 'RUN' position as the engine warms up.
7. **Operation:** Allow the engine to warm up for a few minutes before beginning snow removal.



Quick Start



Smooth Throttle Response



Stable Rpm



Low Fuel Consumption

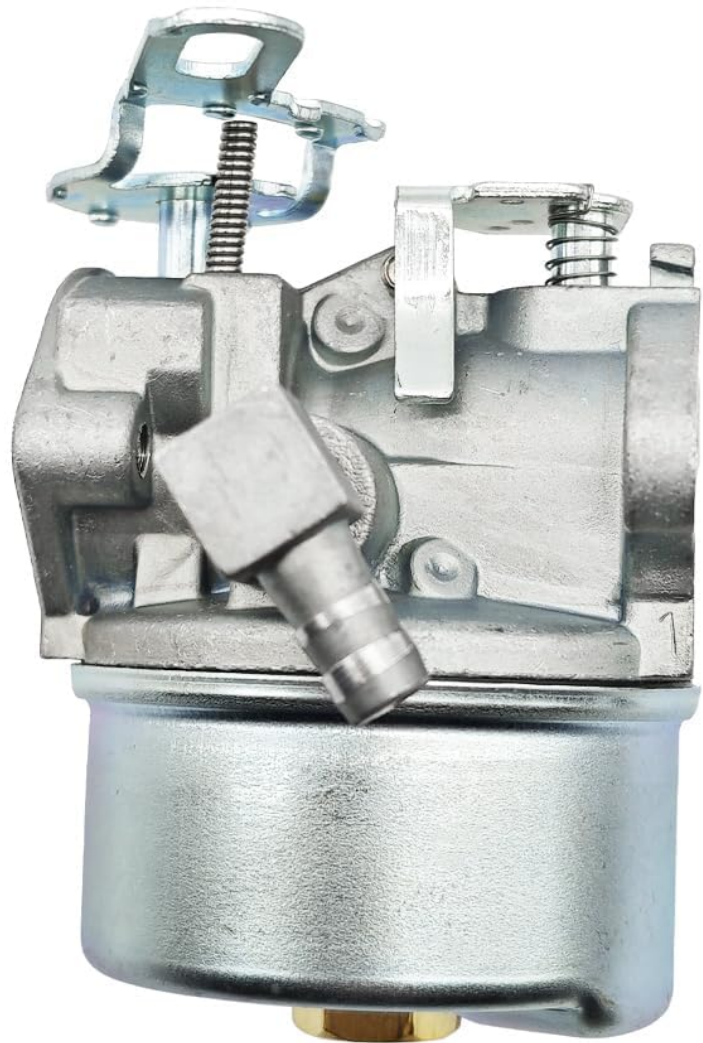


Image 4: This image illustrates the performance benefits of a properly functioning carburetor, including quick starting, smooth throttle response, stable RPM, and low fuel consumption.

## 6. MAINTENANCE

Regular maintenance of your carburetor and fuel system components is crucial for optimal snowthrower performance and longevity.

- **Fuel Filter:** Inspect the fuel filter periodically and replace it if it appears dirty or clogged. A clogged filter can restrict fuel flow.
- **Fuel Lines:** Check fuel lines for cracks, leaks, or hardening. Replace them if any damage is observed.
- **Primer Bulb:** Ensure the primer bulb is pliable and free of cracks. Replace if damaged to maintain proper priming function.
- **Fuel Shut-Off Valve:** Verify that the fuel shut-off valve operates smoothly and completely stops fuel flow when closed.
- **Seasonal Storage:** Before long-term storage, drain the fuel tank and run the engine until it runs out of fuel to prevent fuel degradation and carburetor issues. Alternatively, use a fuel stabilizer.

# High-quality Materials

Our carburetors are made of high-quality aluminum alloy material, which is strong and durable, and can be used for a longer time and with higher efficiency

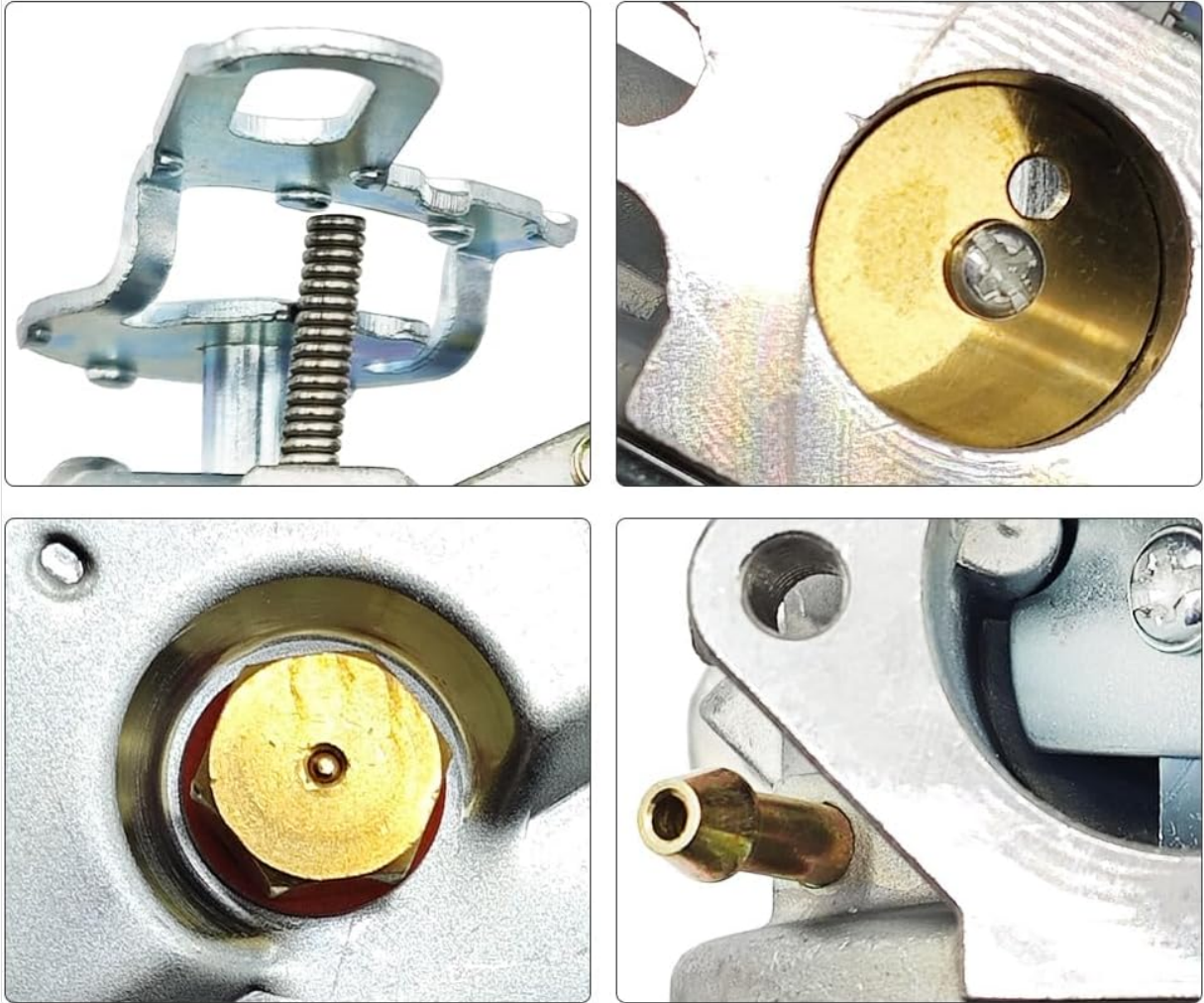


Image 5: Detailed close-ups of the carburetor's internal and external components, emphasizing the quality of materials and construction for durability and performance.

## 7. TROUBLESHOOTING

If you encounter issues after installing the carburetor kit, consider the following common problems and solutions:

- **Engine Not Starting:**

- Check if the fuel shut-off valve is open.
- Ensure there is fresh fuel in the tank.
- Verify the primer bulb is functioning and has been pressed adequately.
- Confirm the choke is set correctly for starting.
- Check for spark at the spark plug.

- **Engine Runs Roughly or Stalls:**

- Ensure the choke is fully open after warm-up.
- Inspect the fuel filter for clogs.
- Check for air leaks around the carburetor mounting gaskets.

- Verify fuel lines are not kinked or obstructed.

- **Fuel Leakage:**

- Ensure all fuel line connections are secure and clamps are tight.
- Check the carburetor bowl gasket for proper seating.
- Inspect fuel lines for cracks or damage.

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Video 2: A general video showcasing a Craftsman snowblower carburetor, which can be helpful for visual reference during troubleshooting or installation.

## 8. SPECIFICATIONS

Feature	Detail
Brand	TWDRET
Compatible Model	Craftsman 5HP 24" Two Stage Snowthrower 247.886640
OEM Part Number	247.886640
Item Weight	9.6 ounces
Package Dimensions	4.33 x 3.54 x 2.95 inches

## 9. WARRANTY AND SUPPORT

For specific warranty information regarding your TWDRET carburetor kit, please refer to the product packaging or contact the seller directly. If you require technical assistance or have questions about installation, it is recommended to consult a qualified small engine mechanic or refer to the original Craftsman snowthrower service manual.