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› Pro Chaser WS215 WC215 Carburetor Instruction Manual for Craftsman 25cc Trimmer Blower Tiller Weed Eater Models

Pro Chaser PC062

Pro Chaser WS215 WC215 Carburetor Instruction Manual

For Craftsman 25cc Trimmer, Blower, Tiller, and Weed Eater Models

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new Pro Chaser WS215 WC215 Carburetor. Proper installation and regular maintenance are crucial for optimal performance and longevity of your outdoor power equipment. Please read these instructions thoroughly before proceeding with installation or use.

2. PRODUCT OVERVIEW

The Pro Chaser WS215 WC215 Carburetor kit is designed as a replacement part for various Craftsman 25cc outdoor power tools. It includes all necessary components for a comprehensive carburetor replacement and tune-up.



Image 2.1: Complete Pro Chaser WS215 WC215 Carburetor kit, including the carburetor, gaskets, primer bulbs, spark plug, fuel filter, fuel hoses, and adjustment tool.

Included Components:

- 1 x Carburetor
- 2 x Gaskets
- 2 x Primer Bulbs
- 1 x Spark Plug
- 1 x Fuel Filter
- 2 x Fuel Hoses
- 1 x Adjustment Screwdriver
- 1 x Air Filter

3. COMPATIBILITY

This carburetor is compatible with the following Craftsman 25cc Trimmer, Blower, Tiller, and Weed Eater models:

- Craftsman 316.791190
- Craftsman 316.711171
- Craftsman 316.740820
- Craftsman 316.791200
- Craftsman 316.740870
- Craftsman 316.791601
- Craftsman 316.740890
- Craftsman CMXGTAMDA25C
- Craftsman CMXGTAMDZ20C
- Craftsman CMXGTAMDAZ25
- Craftsman CMXGTAMDZ22C
- Craftsman CMXGTAMD27SC
- Craftsman CMXGTAMD27BC
- Craftsman WC205
- Craftsman WC215
- Craftsman WS205
- Craftsman WS215
- Craftsman WS230
- Craftsman WS235

4. SETUP AND INSTALLATION

Safety First: Before beginning any installation or maintenance, ensure your equipment is turned off, cooled down, and the spark plug wire is disconnected to prevent accidental starting.

General Carburetor Replacement Steps:

1. **Drain Fuel:** Empty the fuel tank into an approved container.
2. **Remove Air Filter:** Carefully remove the air filter housing and the old air filter.
3. **Disconnect Fuel Lines:** Disconnect the fuel lines from the old carburetor. Note their positions for reinstallation.
4. **Remove Old Carburetor:** Unbolt and remove the old carburetor. Be mindful of any linkages or throttle cables.
5. **Install New Gaskets:** Place the new gaskets provided in the kit between the engine, insulator, and the new carburetor. Ensure they are correctly oriented to prevent air leaks.
6. **Install New Carburetor:** Mount the new Pro Chaser carburetor, reconnecting all linkages and throttle cables.
7. **Connect Fuel Lines:** Attach the new fuel lines (if replacing) and the fuel filter to the carburetor and fuel tank as they were originally.
8. **Install New Primer Bulbs:** Replace the old primer bulbs with the new ones provided.
9. **Replace Spark Plug:** Remove the old spark plug and install the new one.
10. **Install New Air Filter:** Place the new air filter in the housing and reattach the air filter cover.
11. **Refill Fuel:** Add fresh, properly mixed fuel (if applicable for 2-stroke engines) to the fuel tank.

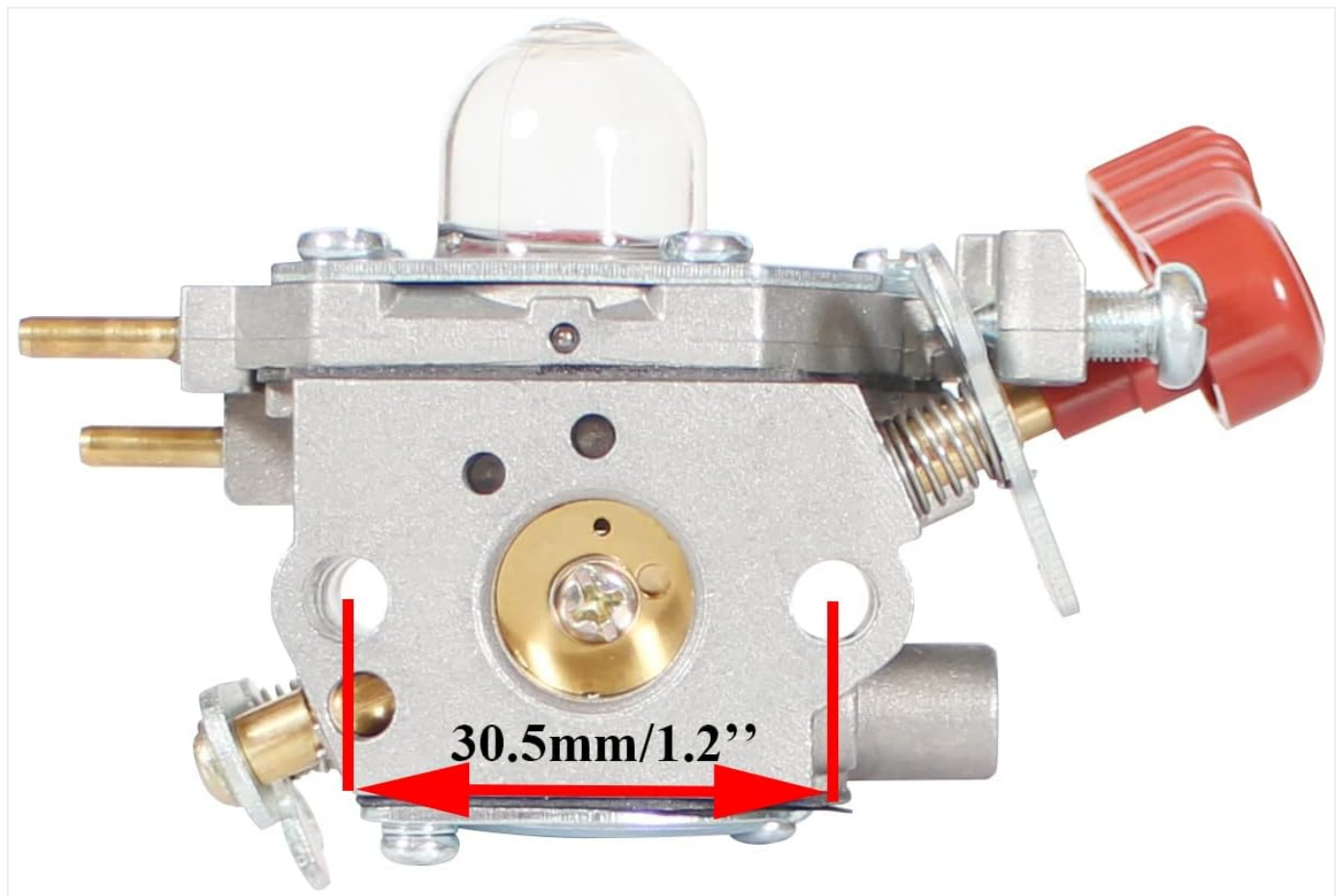


Image 4.1: View of the carburetor showing the mounting hole distance of 30.5mm (1.2 inches), important for proper fitment.

Helpful Installation Video:



Video 4.1: An instructional video from Pro Chaser demonstrating aspects of Craftsman carburetor installation and components.

5. OPERATING INSTRUCTIONS

After installation, the carburetor may require minor adjustments to ensure optimal engine performance. The included adjustment screwdriver is used for this purpose.

Carburetor Tuning:

- **Idle Adjustment:** Start the engine and allow it to warm up. Use the adjustment screwdriver to fine-tune the idle screw until the engine runs smoothly without stalling.
- **High/Low Speed Adjustment:** For more advanced tuning of high and low-speed mixture screws, refer to your equipment's specific service manual or consult a qualified technician. Incorrect adjustments can damage the engine.

Additional Resource for Carburetor Kit (Model 316.740890):



Video 5.1: A video demonstrating a carburetor kit for Craftsman model 316.740890, which may offer general insights into similar carburetor operations.

6. MAINTENANCE

Regular maintenance of your carburetor and fuel system will extend the life of your outdoor power equipment.

- **Fuel Quality:** Always use fresh, clean fuel. For 2-stroke engines, ensure the fuel-oil mixture is correct according to your equipment manufacturer's specifications. Stale fuel can cause carburetor clogging.
- **Fuel Filter:** Replace the fuel filter periodically, or if you notice reduced fuel flow or engine performance issues.
- **Air Filter:** Clean or replace the air filter regularly to ensure proper air intake and prevent dirt from entering the carburetor.
- **Storage:** Before long-term storage, drain the fuel system or use a fuel stabilizer to prevent fuel degradation and carburetor gumming.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, incorrect primer bulb operation, spark plug issue, improper carburetor adjustment.	Check fuel level, replace fuel filter, ensure primer bulb is working, check/replace spark plug, adjust carburetor.
Engine runs rough/stalls	Improper carburetor adjustment, air leak, old/stale fuel, clogged fuel filter.	Adjust carburetor (idle/mixture), check for air leaks around gaskets, use fresh fuel, replace fuel filter.
Lack of power	Clogged air filter, improper carburetor adjustment, spark plug issue.	Clean/replace air filter, adjust carburetor, check/replace spark plug.

If problems persist, it is recommended to consult a qualified service technician.

8. SPECIFICATIONS

- **Brand:** Pro Chaser
- **Model Number:** PC062
- **Item Weight:** 8.4 ounces
- **Package Dimensions:** 7.99 x 6.22 x 2.09 inches
- **Exterior:** Machined
- **UPC:** 736961620215

9. WARRANTY AND SUPPORT

For any questions regarding the Pro Chaser WS215 WC215 Carburetor or for technical assistance, please contact the seller directly through the platform where the purchase was made. Specific warranty details may vary; please refer to the product listing or contact the seller for more information.

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