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› Pro Chaser Carburetor Instruction Manual for Westinghouse Generators (Models WH6500E - WHC7500E)

## Pro Chaser PC210032

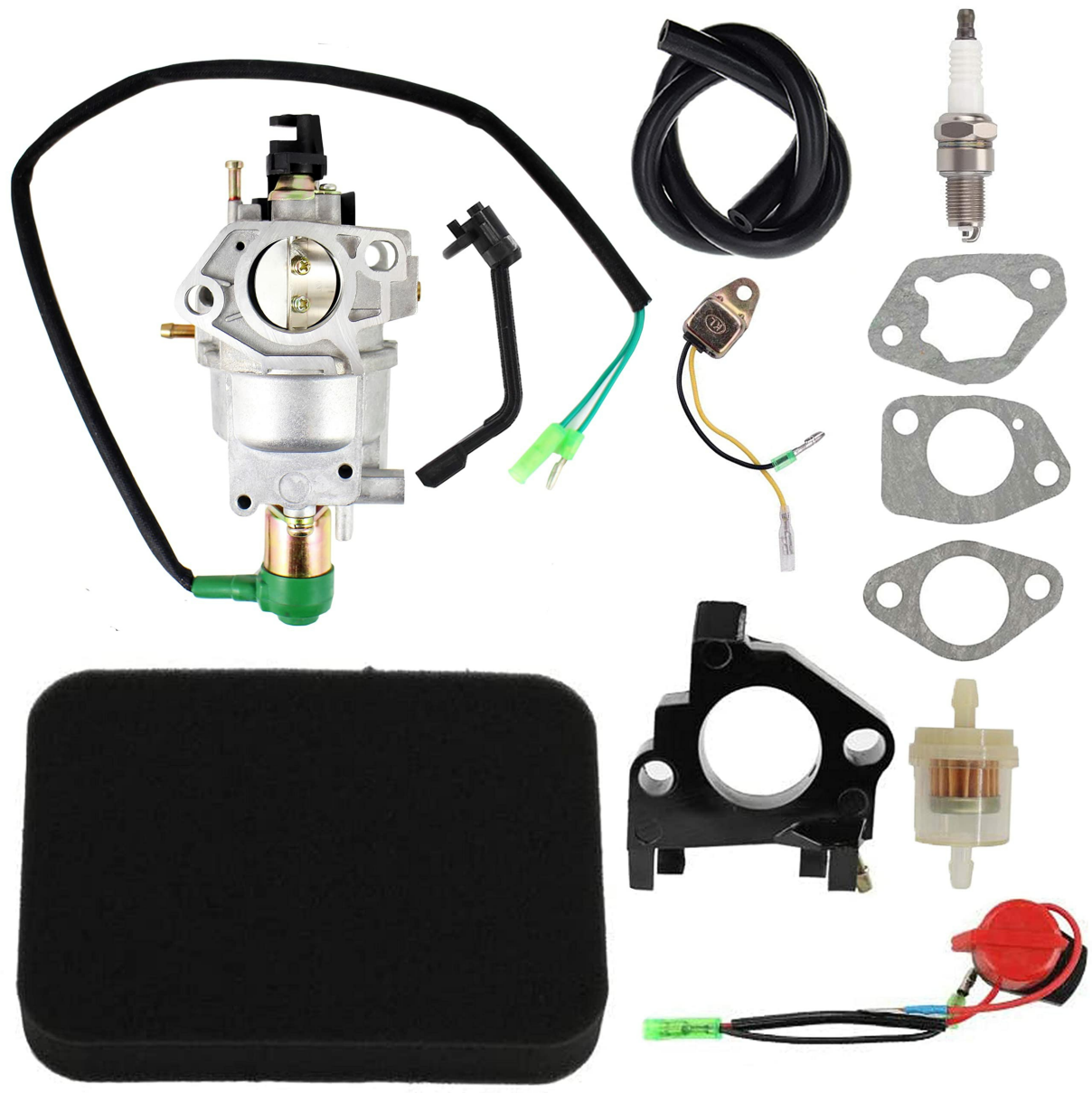
# Pro Chaser Carburetor Instruction Manual

For Westinghouse Generators (Models WH6500E - WHC7500E)

Model: PC210032 | Brand: Pro Chaser

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your new Pro Chaser replacement carburetor. This carburetor is designed to restore optimal fuel delivery and engine performance for compatible Westinghouse generator models. Please read this manual thoroughly before attempting any installation or maintenance procedures.



*Image 1: Overview of the Pro Chaser Carburetor.*

## 2. PRODUCT CONTENTS

The package includes the following components:

- 1 x Carburetor
- 3 x Gaskets
- 1 x Fuel Filter
- 1 x Spark Plug
- 1 x Fuel Hose
- 2 x Clamps
- 1 x Insulator
- 1 x Safety Switch (Low Oil Alert)
- 1 x Switch
- 1 x Air Filter

## 3. COMPATIBILITY

This Pro Chaser carburetor (Model PC210032) is compatible with the following Westinghouse generator models:

- WH6500E
- WHC6500E
- WH7000
- WH7000C
- WH7000E
- WH7000EC
- WH7500E
- WH7500EC
- WHC7500E

**Important:** Always verify the physical appearance and dimensions of the new carburetor against your original unit to ensure proper fitment. Minor design variations can exist between models.



*Image 2: Carburetor view with key dimensions for verification.*

## 4. SETUP (INSTALLATION)

Carburetor replacement requires mechanical aptitude. If you are unsure about any step, consult a qualified technician.

### 4.1 Safety Precautions

- Ensure the generator is turned off and cooled down.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area.
- Have a fire extinguisher readily available.
- Wear appropriate personal protective equipment (e.g., gloves, eye protection).
- Drain the fuel tank and carburetor bowl before starting.

## 4.2 Removal of Old Carburetor

1. Locate the carburetor on your generator.
2. Carefully disconnect the fuel line(s) from the carburetor. Be prepared for residual fuel leakage.
3. Remove the air filter housing and air filter.
4. Disconnect any linkages (throttle, choke) and electrical connections (if present) attached to the carburetor.
5. Unbolt the carburetor from the engine manifold. Note the position of any gaskets or spacers.

## 4.3 Installation of New Carburetor

1. Ensure mating surfaces are clean and free of old gasket material.
2. Install new gaskets and the insulator (if applicable) in the correct orientation.
3. Mount the new Pro Chaser carburetor onto the engine manifold and secure it with bolts. Do not overtighten.
4. Reconnect all linkages (throttle, choke) and electrical connections. Ensure they operate smoothly without binding.
5. Install the new fuel filter and fuel hose, securing with clamps. Connect the fuel line to the carburetor.
6. Reinstall the air filter and air filter housing.
7. Reconnect the spark plug wire.

## 4.4 Initial Start-up

1. Refill the generator's fuel tank with fresh, clean fuel.
2. Open the fuel valve. Allow a few moments for the carburetor bowl to fill. Check for any fuel leaks.
3. Follow your generator's manufacturer instructions for starting.
4. Monitor for smooth operation and check for any leaks or unusual noises.

## 5. OPERATING PRINCIPLES

The carburetor is a crucial component responsible for mixing air and fuel in the correct ratio for combustion in the engine. It atomizes fuel and delivers it to the engine's cylinders. The throttle and choke mechanisms control the amount of air and fuel mixture entering the engine, regulating engine speed and assisting with cold starts.

## 6. MAINTENANCE

Proper maintenance extends the life of your carburetor and ensures reliable generator operation.

- **Fuel Quality:** Always use fresh, clean, unleaded gasoline. Stale or contaminated fuel is a primary cause of carburetor issues. Consider using a fuel stabilizer if the generator will be stored for extended periods.
- **Fuel Filter:** Regularly inspect and replace the fuel filter as part of routine maintenance to prevent

debris from reaching the carburetor.

- **Air Filter:** A clean air filter is essential for proper air-fuel mixture. Inspect and clean or replace the air filter according to your generator's manual.
- **Storage:** Before long-term storage, drain the fuel from the tank and run the engine until it stops from lack of fuel, or use a fuel stabilizer to prevent gumming in the carburetor.

## 7. TROUBLESHOOTING

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If your generator experiences issues after carburetor replacement, consider the following common troubleshooting steps:

- **Engine Not Starting:**
  - Check fuel level and ensure the fuel valve is open.
  - Verify spark plug connection and condition (replace if necessary).
  - Ensure choke is set correctly for starting.
  - Check for proper fuel flow to the carburetor.
- **Rough Running / Surging:**
  - Inspect for air leaks around the carburetor gaskets.
  - Ensure all linkages are connected and operating freely.
  - Check air filter for blockage.
- **Fuel Leaks:**
  - Tighten fuel line clamps.
  - Inspect gaskets for proper seating and damage.
  - Ensure the carburetor bowl drain screw is tight.

For more detailed troubleshooting specific to your generator model, refer to your generator's original owner's manual.

## 8. SPECIFICATIONS

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<b>Brand</b>	Pro Chaser
<b>Model Number</b>	PC210032
<b>UPC</b>	750439950512
<b>Included Components</b>	Carburetor, Gaskets, Fuel Filter, Spark Plug, Fuel Hose, Clamps, Insulator, Safety Switch, Switch, Air Filter

## 9. WARRANTY INFORMATION

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This Pro Chaser carburetor comes with a **90-day manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, neglect, accident, or unauthorized modifications.

## 10. SUPPORT

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If you encounter any issues or have questions regarding the installation or operation of your Pro Chaser carburetor, please contact the manufacturer or your retailer for assistance. Provide your product model

number (PC210032) and details of the issue for efficient support.

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