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› [Pro Chaser 951-15236 Carburetor for Craftsman and Troy-Bilt Snow Throwers Instruction Manual](#)

Pro Chaser 951-15236

Pro Chaser 951-15236 Carburetor Instruction Manual

For Craftsman and Troy-Bilt Snow Throwers

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1. PRODUCT OVERVIEW

The Pro Chaser 951-15236 Carburetor is a replacement component designed to restore optimal fuel delivery and engine performance in compatible snow throwers. This kit includes the carburetor and essential accessories for installation.

Distinguish Between Similar Carburetors

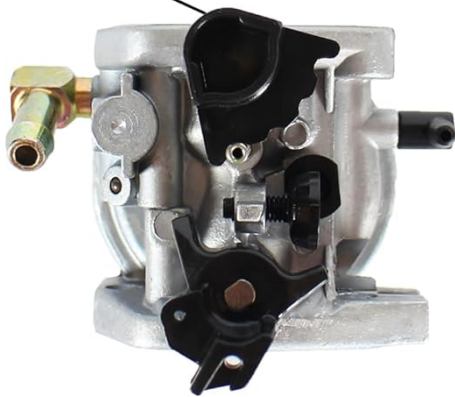
Please check the design of your original carburetor before ordering

PC210236

(Model in Current Listing Page)

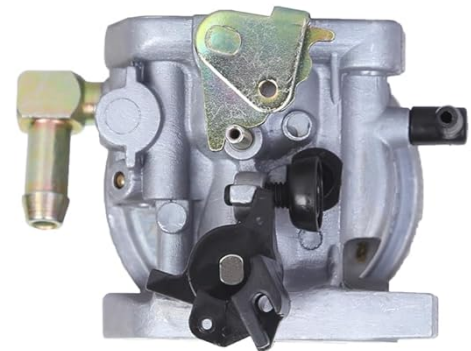


Plastic slot for choke arm



PC210705

(Scroll Down for Buying Link)



Replaces Troy-Bilt Storm 2410

Image 1.1: Complete Pro Chaser 951-15236 Carburetor kit.

Your browser does not support the video tag.

Video 1.2: A 360-degree view of the Pro Chaser PC210705 Carburetor, showcasing its exterior features.

2. COMPATIBILITY

This carburetor is compatible with various Craftsman and Troy-Bilt snow thrower models. Please verify your existing carburetor's part number and choke connection style before installation to ensure proper fitment.

Compatible Craftsman Models:

- 247.881733, 247.881980, 247.884331, 247.881732
- 31AS6BEE799, 31AS6AED799
- SB410, SB450
- CMXGBAM1054541, 31AS6BEE793, CMXGBAM1054542, 31AM6BHF793

Compatible Troy-Bilt Models:

- 31AS6BN2723 (Storm 2410)
- 270-WU 280cc Engine, 670-WU 208cc Engine, 670-WU Engine, 670-WUA 208cc Engine, 270 WUA 208cc Engine, 670-WUB 208cc Engine

Note: While models PC210705 and PC210236 fit Troy-Bilt Storm 2410, different production years may use different carburetor designs. Always check the choke connection style on your existing carburetor. This listing provides model PC210236.



Image 2.1: Visual guide to distinguish between carburetor models PC210236 and PC210705 by choke arm.

3. PACKAGE CONTENTS

The package includes the following components:

- 1 x Carburetor
- 3 x Gaskets
- 1 x Primer Hose
- 1 x Fuel Hose
- 2 x Fuel Filter
- 1 x Shut-off Valve
- 1 x Primer Bulb
- 2 x Small Clamps
- 2 x Large Clamps

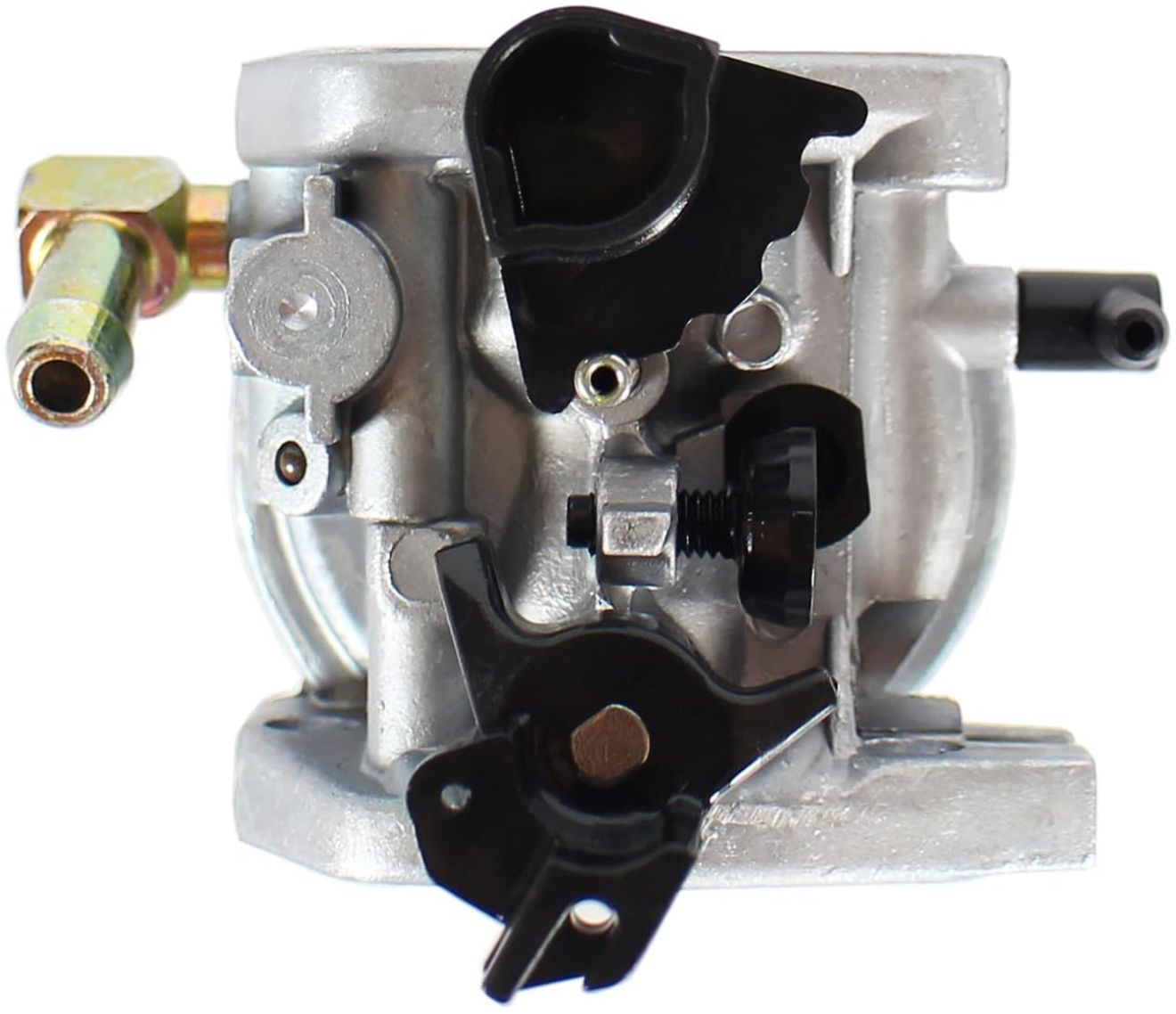


Image 3.1: Contents of the carburetor replacement kit.

4. INSTALLATION GUIDE

Safety First: Before beginning any installation, ensure the snow thrower engine is cool, the spark plug wire is disconnected, and the fuel tank is empty or the fuel line is clamped to prevent spills.

4.1. Preparation

1. Locate the existing carburetor on your snow thrower.
2. Take photos of the current setup, especially fuel lines and linkages, for reference during reassembly.
3. Drain any remaining fuel from the fuel tank and carburetor bowl.

4.2. Removing the Old Carburetor

1. Disconnect the fuel line from the carburetor.
2. Carefully detach any throttle linkages or choke rods connected to the carburetor.
3. Unbolt the carburetor from the engine manifold. Note the position of any gaskets.
4. Remove the old carburetor and discard it along with old gaskets.

4.3. Installing the New Carburetor

1. Place new gaskets in their correct positions on the engine manifold and the new carburetor.

2. Mount the new carburetor onto the engine, ensuring all bolts are tightened securely but do not overtighten.
3. Reconnect the throttle linkages and choke rods to the new carburetor, referring to your earlier photos if needed.
4. Install the new fuel line, fuel filter, and shut-off valve as appropriate. Secure with new clamps.
5. Connect the primer hose and install the new primer bulb.

Visual Aid: The following video demonstrates the components and internal structure of a similar carburetor, which can aid in understanding the assembly.

Your browser does not support the video tag.

Video 4.1: Overview of carburetor components and internal structure.

Important Dimensions: Refer to the images below for critical dimensions to ensure proper fitment and component alignment.

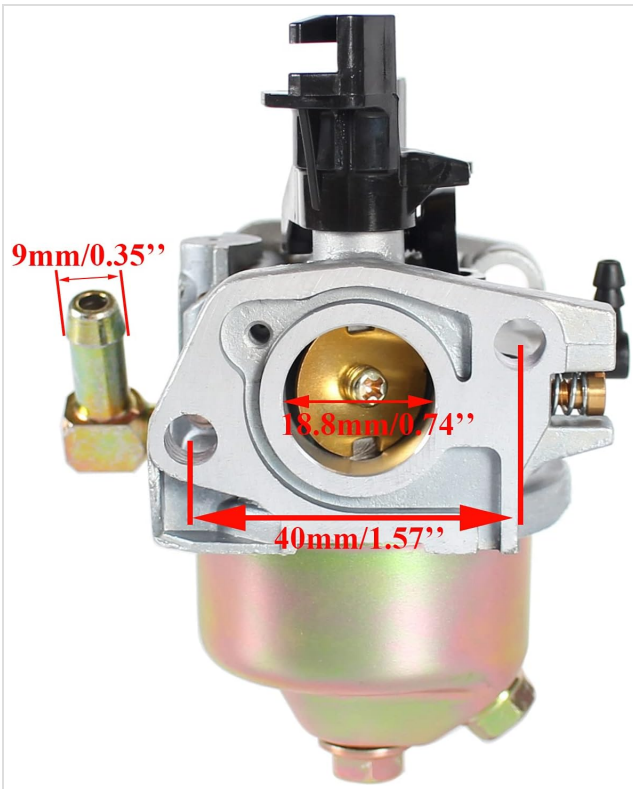


Image 4.2: Front view with dimensions.



Image 4.3: Side view with dimensions.

5. OPERATION

After successful installation, ensure all connections are secure and there are no fuel leaks. Refill the fuel tank with fresh, appropriate fuel for your snow thrower. Prime the engine as per your snow thrower's manufacturer instructions before attempting to start.

6. MAINTENANCE

Regular maintenance of your carburetor and fuel system components is crucial for longevity and performance. This includes:

- **Fuel Quality:** Always use fresh, clean fuel. Stale fuel can cause deposits and clog the carburetor.
- **Fuel Filter:** Replace the fuel filter annually or more frequently if operating in dusty conditions.
- **Storage:** Before long-term storage, drain the fuel system or use a fuel stabilizer to prevent gumming and corrosion within the carburetor.
- **Cleaning:** If performance issues arise, the carburetor may need cleaning. This typically involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner.

7. TROUBLESHOOTING COMMON ISSUES

If your snow thrower experiences issues after carburetor replacement, consider the following:

- **Engine Not Starting:**
 - Check fuel supply and ensure the shut-off valve is open.
 - Verify the primer bulb is functioning and priming the carburetor.
 - Inspect spark plug for proper gap and condition.
 - Ensure choke is set correctly for starting.
- **Rough Running/Stalling:**
 - Check for air leaks around carburetor gaskets.
 - Ensure fuel lines are not kinked or clogged.
 - Verify proper throttle and choke linkage operation.
- **Fuel Leaks:**
 - Inspect all fuel line connections and clamps for tightness.
 - Ensure carburetor bowl gasket is properly seated and not damaged.

8. PRODUCT SPECIFICATIONS

| | |
|-------|------------|
| Brand | Pro Chaser |
|-------|------------|

| | |
|---------------------------|---------------------------|
| Model Number | 951-15236 |
| Item Weight | 10.5 ounces |
| Package Dimensions | 4.25 x 3.62 x 2.91 inches |
| Flange Type | Bolt On |
| Fuel Type | Gasoline |
| Recommended Uses | Snowblower |
| UPC | 780861314170 |

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the Pro Chaser official website. Keep your purchase receipt for warranty claims.