Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Pro Chaser PC220150

Pro Chaser Carburetor Instruction Manual

For Craftsman Chainsaw Models: 358.351701, 358.351710, 358.351800, 358.351810, 358.351820, 358.351900, 358.351901, 358.351902

1. Product Overview

This manual provides instructions for the installation, operation, and maintenance of your new Pro Chaser replacement carburetor. This carburetor is designed to restore optimal fuel delivery and engine performance for compatible Craftsman chainsaw models.

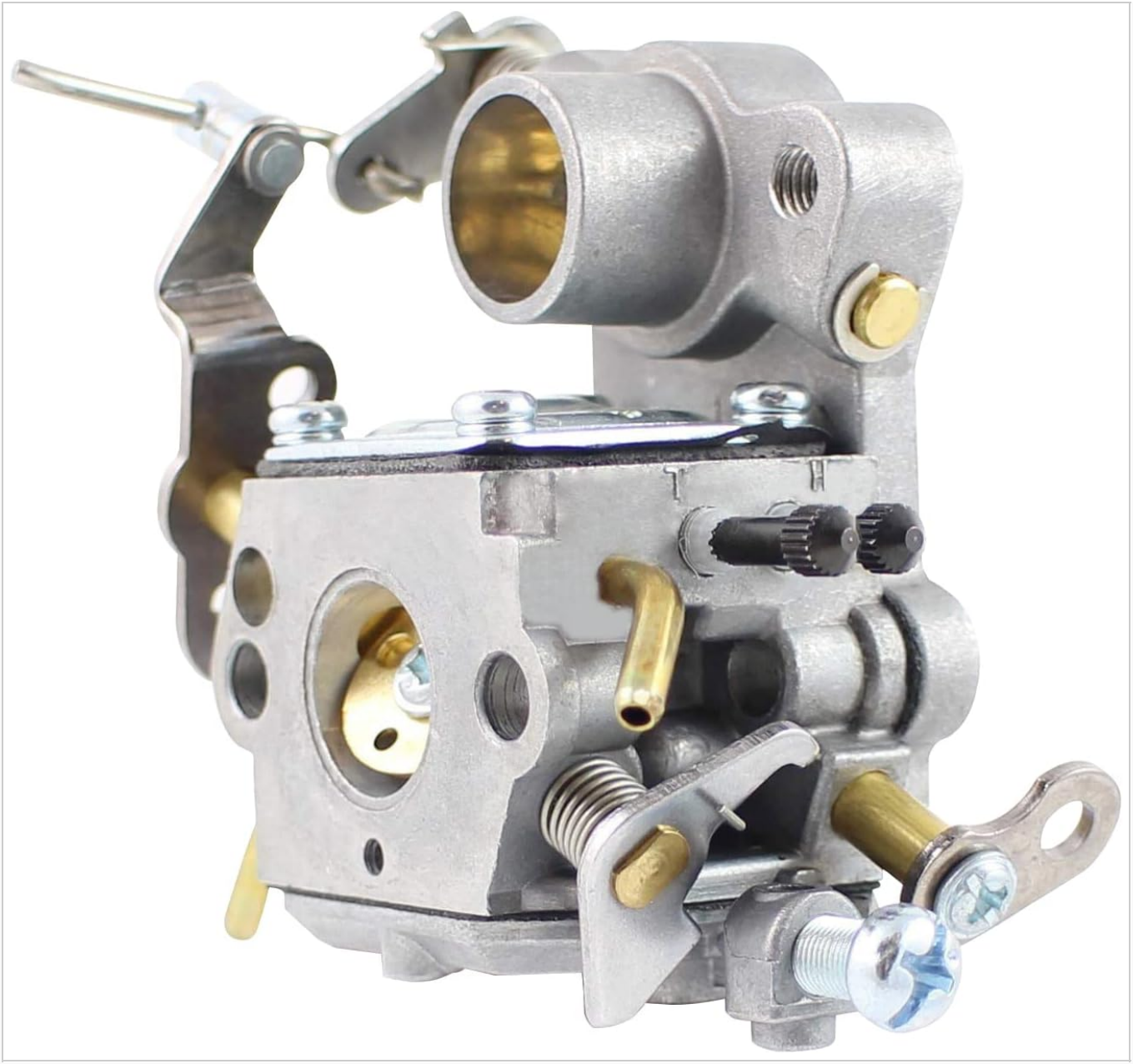


Image 1: Angled view of the Pro Chaser replacement carburetor.

2. Model Compatibility

This Pro Chaser carburetor (Model PC220150) is specifically designed for the following Craftsman chainsaw models:

- Craftsman 358.351701
- Craftsman 358.351710
- Craftsman 358.351800
- Craftsman 358.351810
- Craftsman 358.351820
- Craftsman 358.351900
- Craftsman 358.351901
- Craftsman 358.351902

Important: Before installation, carefully compare the appearance and dimensions of this carburetor with your original unit to ensure proper fitment. Minor differences in carburetor design can affect compatibility. If you are unsure, consult a qualified technician or contact Pro Chaser support with clear images of your current carburetor.

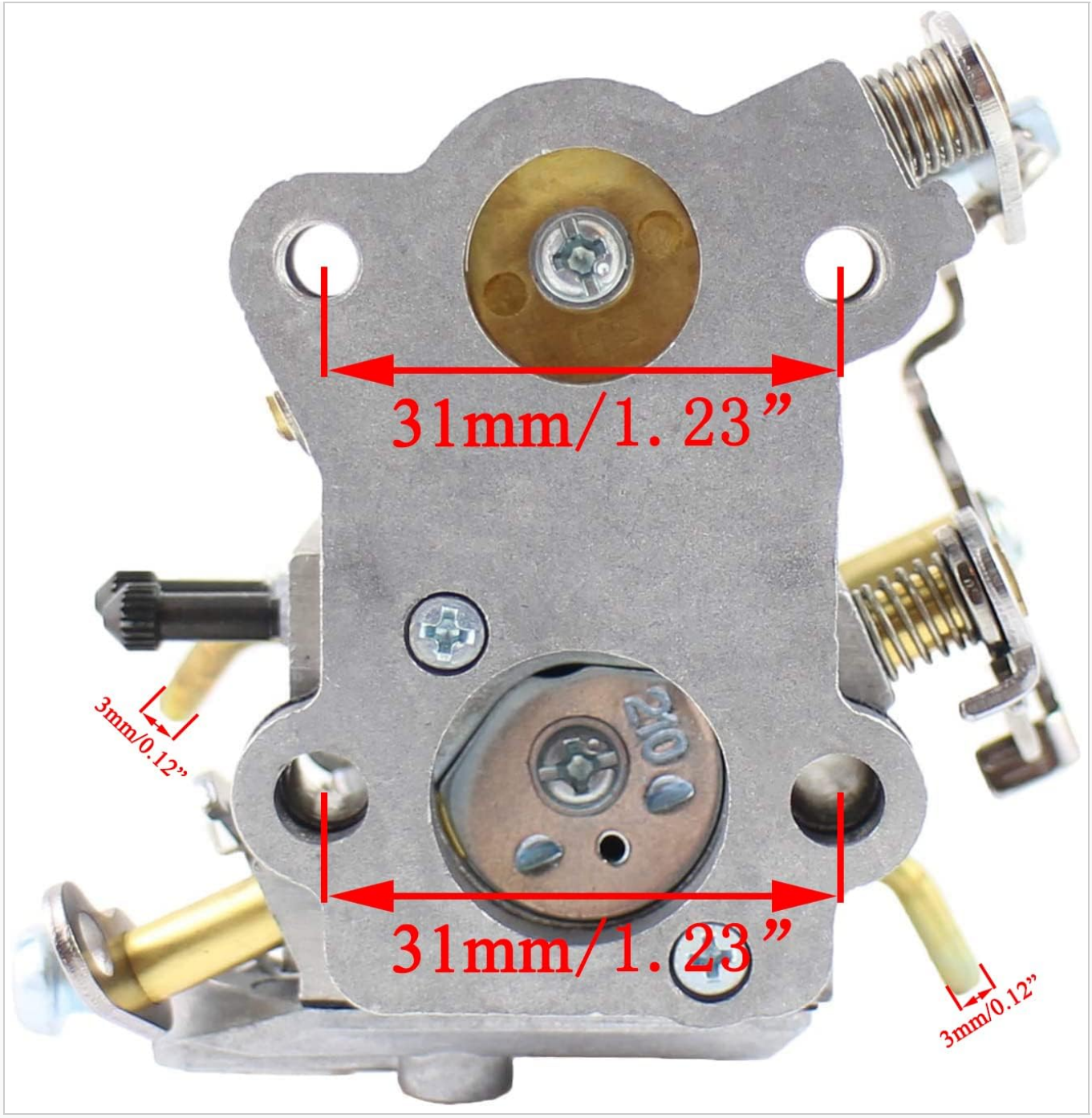


Image 2: Carburetor dimensions for compatibility verification.

3. What's in the Box

Your Pro Chaser carburetor package includes the following components:

- 1 x Carburetor
- 2 x Gaskets
- 1 x Primer Bulb
- 1 x Primer Line
- 1 x Air Filter
- 1 x Fuel Filter
- 2 x Fitted Fuel Lines
- 1 x Spark Plug
- 1 x Adjustment Tool

4. Setup and Installation

Safety First: Always ensure the chainsaw engine is cool and the spark plug wire is disconnected before performing any maintenance or installation. Wear appropriate safety gear, including gloves and eye protection.

4.1. Preparation

1. Disconnect the spark plug wire to prevent accidental starting.
2. Drain any fuel from the chainsaw's fuel tank into an approved container.
3. Remove the air filter cover and air filter assembly to access the carburetor.

4.2. Removing the Old Carburetor

1. Carefully disconnect the fuel lines from the old carburetor. Note their positions for reinstallation.
2. Disconnect the throttle linkage and choke rod from the carburetor.
3. Unscrew the mounting bolts or nuts that secure the carburetor to the engine intake manifold.
4. Remove the old carburetor and any old gaskets.

4.3. Installing the New Carburetor

1. Clean the mounting surface on the engine intake manifold.
2. Place new gaskets in their correct positions.
3. Mount the new Pro Chaser carburetor onto the engine, ensuring the throttle and choke linkages align.
4. Secure the carburetor with the mounting bolts/nuts, tightening them evenly.
5. Reconnect the throttle linkage and choke rod.
6. Install the new fuel lines, primer bulb, and fuel filter as needed. Ensure all connections are secure and free of leaks.
7. Replace the air filter with the new one provided and reassemble the air filter housing.
8. Install the new spark plug.

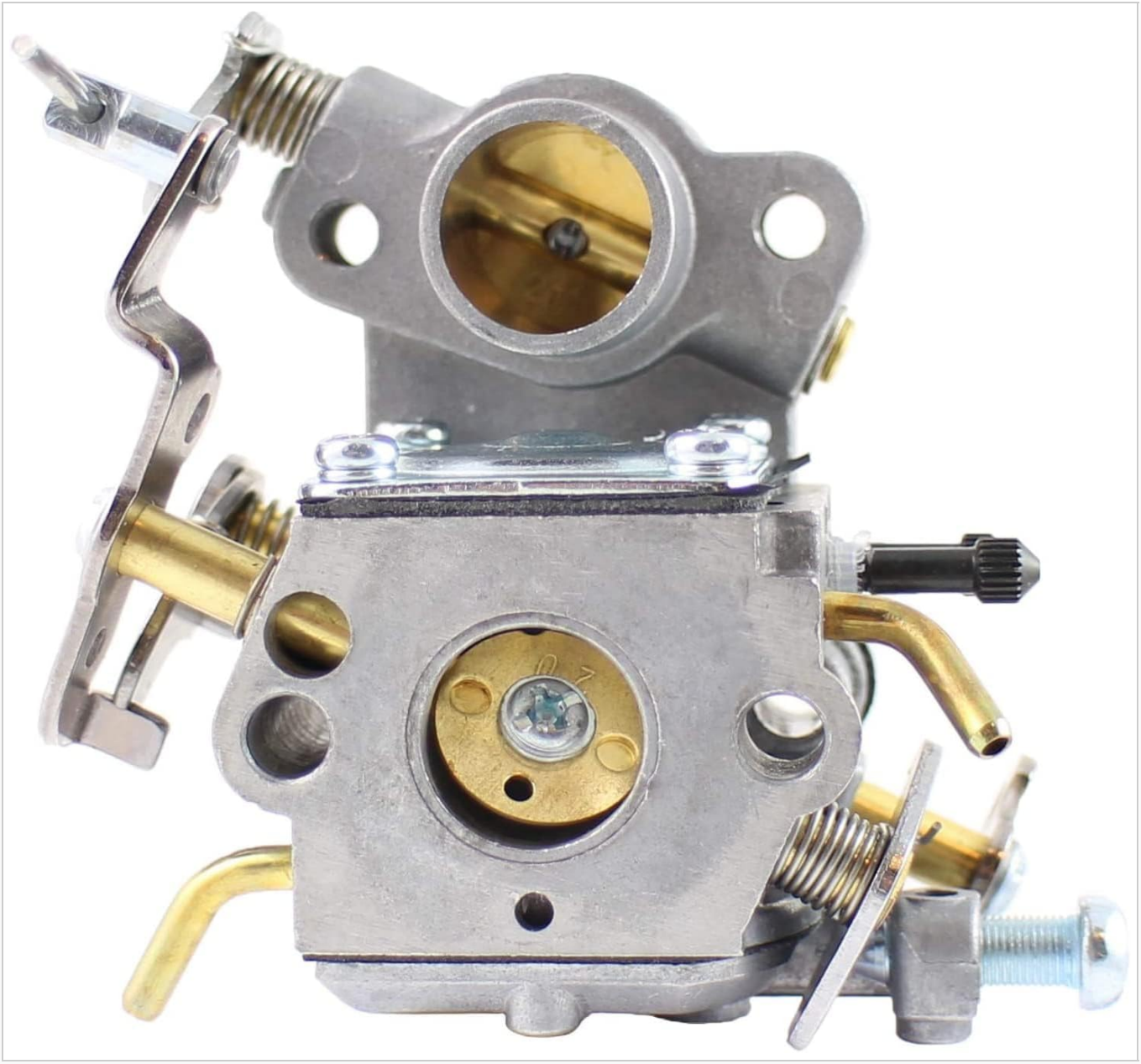


Image 3: Side view of the carburetor, highlighting key connection points.

5. Operating Instructions

5.1. Fueling

Fill the chainsaw's fuel tank with the appropriate fuel mixture (gasoline and 2-stroke oil) as specified by your chainsaw manufacturer. Ensure the fuel cap is securely tightened.

5.2. Priming the Carburetor

Press the primer bulb several times until fuel is visible in the clear return line or the bulb fills with fuel. This ensures fuel is drawn into the carburetor for easier starting.

5.3. Starting the Chainsaw

Refer to your chainsaw's original owner's manual for specific starting procedures. General steps typically include:

1. Engage the chain brake.
2. Set the choke to the FULL CHOKE position.
3. Pull the starter cord firmly until the engine 'pops' or attempts to start (usually 1-3 pulls).
4. Move the choke to the HALF CHOKE or RUN position.

5. Pull the starter cord again until the engine starts.
6. Allow the engine to warm up for a few moments before disengaging the chain brake and beginning operation.

5.4. Carburetor Adjustment

Your new carburetor is pre-set for general operation. However, minor adjustments may be necessary for optimal performance based on altitude and environmental conditions. Use the provided adjustment tool for the 'L' (low speed) and 'H' (high speed) screws. Adjustments should be made in small increments (1/8 to 1/4 turn) while the engine is running. If you are unfamiliar with carburetor tuning, it is recommended to seek assistance from a qualified service technician.

6. Maintenance

Regular maintenance ensures the longevity and performance of your carburetor and chainsaw.

- **Air Filter:** Inspect and clean or replace the air filter regularly (every 5-10 hours of operation, or more frequently in dusty conditions). A clogged air filter can restrict airflow and affect carburetor performance.
- **Fuel Filter:** Replace the fuel filter annually or if signs of fuel starvation occur. This prevents contaminants from reaching the carburetor.
- **Spark Plug:** Inspect the spark plug for wear and proper gap every 25 hours of operation. Replace if fouled or worn.
- **Fuel Quality:** Always use fresh, high-quality fuel mixed with the correct ratio of 2-stroke oil. Stale or improperly mixed fuel can cause carburetor issues.
- **Carburetor Cleaning:** If the chainsaw is stored for an extended period, it is advisable to drain the fuel system or use a fuel stabilizer to prevent gumming and varnish buildup in the carburetor.

7. Troubleshooting

If you encounter issues with your chainsaw after carburetor installation, consider the following common troubleshooting steps:

- **Engine Won't Start:**
    - Check fuel level and ensure fresh fuel mixture.
    - Verify spark plug connection and condition.
    - Ensure primer bulb is fully primed.
    - Check choke position.
    - Inspect fuel lines for kinks or leaks.
- **Engine Runs Poorly/Stalls:**
    - Check air filter for clogs.
    - Inspect fuel filter for blockages.
    - Adjust carburetor 'L' and 'H' screws in small increments.
    - Ensure all fuel lines are properly connected and not leaking.
- **Fuel Leaks:**
    - Check all fuel line connections for tightness.
    - Ensure gaskets are properly seated and not damaged.
    - Inspect the primer bulb for cracks.

If problems persist after attempting these steps, it is recommended to consult a professional chainsaw technician.

8. Specifications

Attribute	Detail
Brand	Pro Chaser
Manufacturer Part Number	PC220150
Model	PC210210 (Internal)
UPC	037936215260
Exterior	Machined

9. Warranty Information

Warranty information for this Pro Chaser carburetor is not explicitly detailed in the provided product specifications. For specific warranty terms and conditions, please contact the manufacturer, Pro Chaser, directly.

10. Support and Contact

For technical assistance, troubleshooting guidance, or inquiries regarding your Pro Chaser carburetor, please contact the manufacturer directly through their official support channels. Refer to the packaging or the Pro Chaser website for current contact information.

© 2023 Pro Chaser. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0DZCVW6K1

More documents and user manuals: **https://manuals.plus/**