

PR5020

BXParts Carburetor Instruction Manual

Model: PR5020 20 in. 50cc 2-Cycle Gas Chainsaw

Brand: Generic

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new BXParts Carburetor. This carburetor is designed as a replacement part for the Poulan Pro PR5020 20-inch 50cc 2-Cycle Gas Chainsaw. Please read these instructions carefully before proceeding with installation or use to ensure proper function and safety.

SAFETY INFORMATION

Always prioritize safety when working with power tools and fuel systems. Failure to follow safety precautions can result in serious injury or property damage.

- Ensure the chainsaw engine is off and cool before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Work in a well-ventilated area, away from open flames or sparks.
- Handle gasoline with extreme care. Store fuel in approved containers.
- Refer to your chainsaw's original owner's manual for additional safety guidelines specific to your model.

PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- 1 x Carburetor
- 2 x Gasket
- 2 x Fuel Line
- 1 x Air Filter
- 1 x Fuel Filter
- 1 x Spark Plug
- 1 x Carburetor Adjustment Tool
- 1 x Primer Bulb

COMPATIBILITY

This BXParts Carburetor is specifically designed for the following model:

Poulan Pro PR5020 20 in. 50cc 2-Cycle Gas Chainsaw

Before installation, carefully compare the new carburetor with your original part to ensure they are identical in appearance and connection points. Discrepancies may indicate incompatibility.

INSTALLATION

The following steps outline the general procedure for replacing a chainsaw carburetor. Specific details may vary slightly depending on your chainsaw model. Refer to your chainsaw's service manual for precise instructions.

1. **Preparation:** Ensure the chainsaw is turned off, the engine is cool, and the spark plug wire is disconnected. Drain any fuel from the tank.
2. **Access the Carburetor:** Remove the air filter cover and air filter. You may need to remove other covers or components to gain full access to the carburetor.
3. **Disconnect Components:** Carefully disconnect the fuel lines, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
4. **Remove Old Carburetor:** Unbolt and remove the old carburetor from the engine manifold.
5. **Install New Gaskets:** Clean the mounting surfaces. Place the new gaskets in their correct positions between the engine, carburetor, and air filter housing.
6. **Mount New Carburetor:** Position the new BXParts carburetor and secure it with the mounting bolts. Do not overtighten.
7. **Reconnect Components:** Reattach the fuel lines, throttle linkage, and choke linkage to the new carburetor. Ensure all connections are secure and correctly routed. Replace the primer bulb if necessary.
8. **Install New Air Filter and Fuel Filter:** Replace the old air filter with the new one provided. Install the new fuel filter into the fuel tank, ensuring the fuel lines are properly connected.
9. **Install New Spark Plug:** Remove the old spark plug and install the new one, gapping it according to your chainsaw's specifications if required.
10. **Final Checks:** Double-check all connections, ensure no tools or debris are left in the engine area, and reattach all covers.



Image 1: Top-down view of the BXPARTS Carburetor. This view highlights the main body and various connection points.

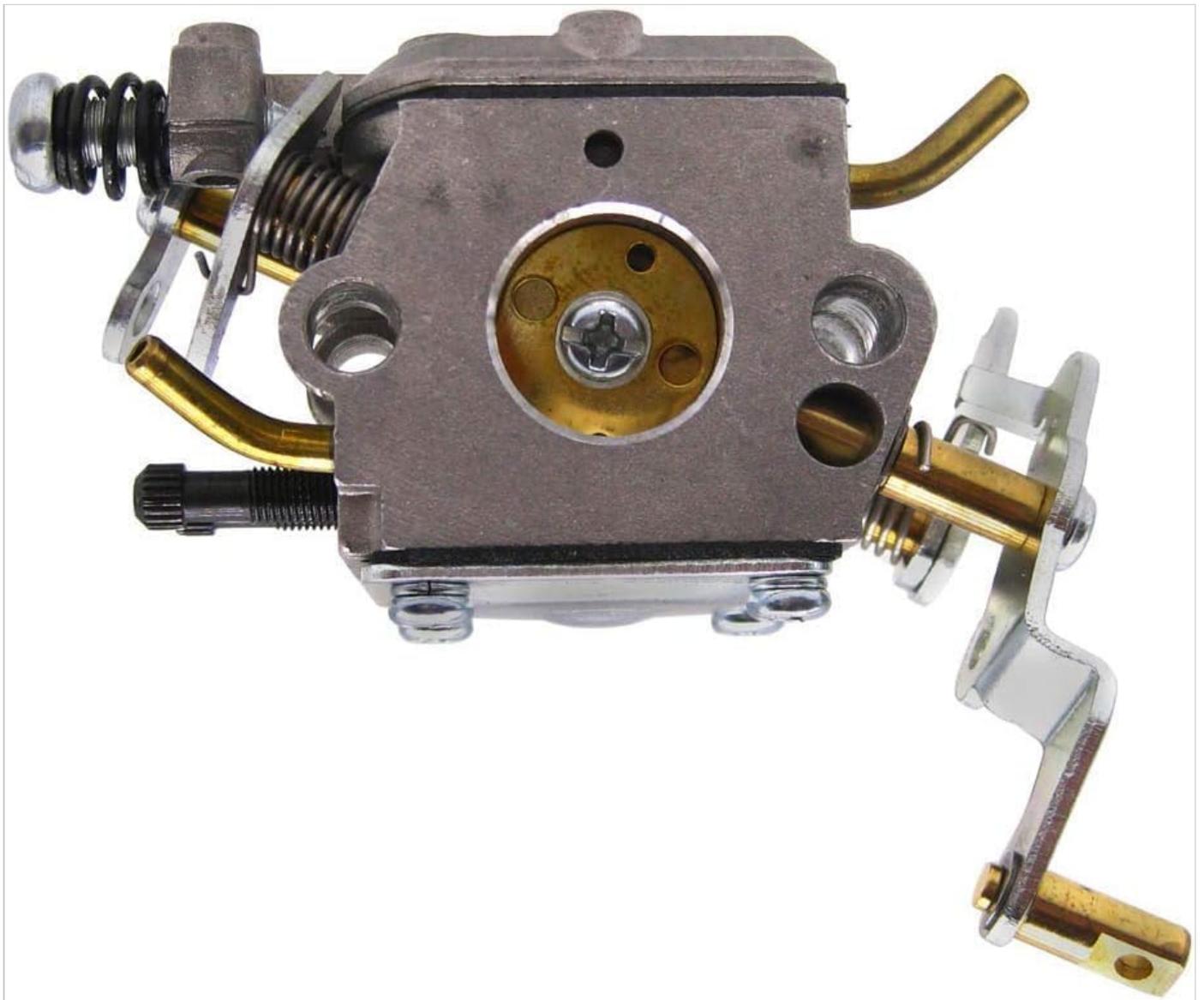


Image 2: Side view of the BXPARTS Carburetor. Observe the fuel inlet and the throttle/choke linkage points.

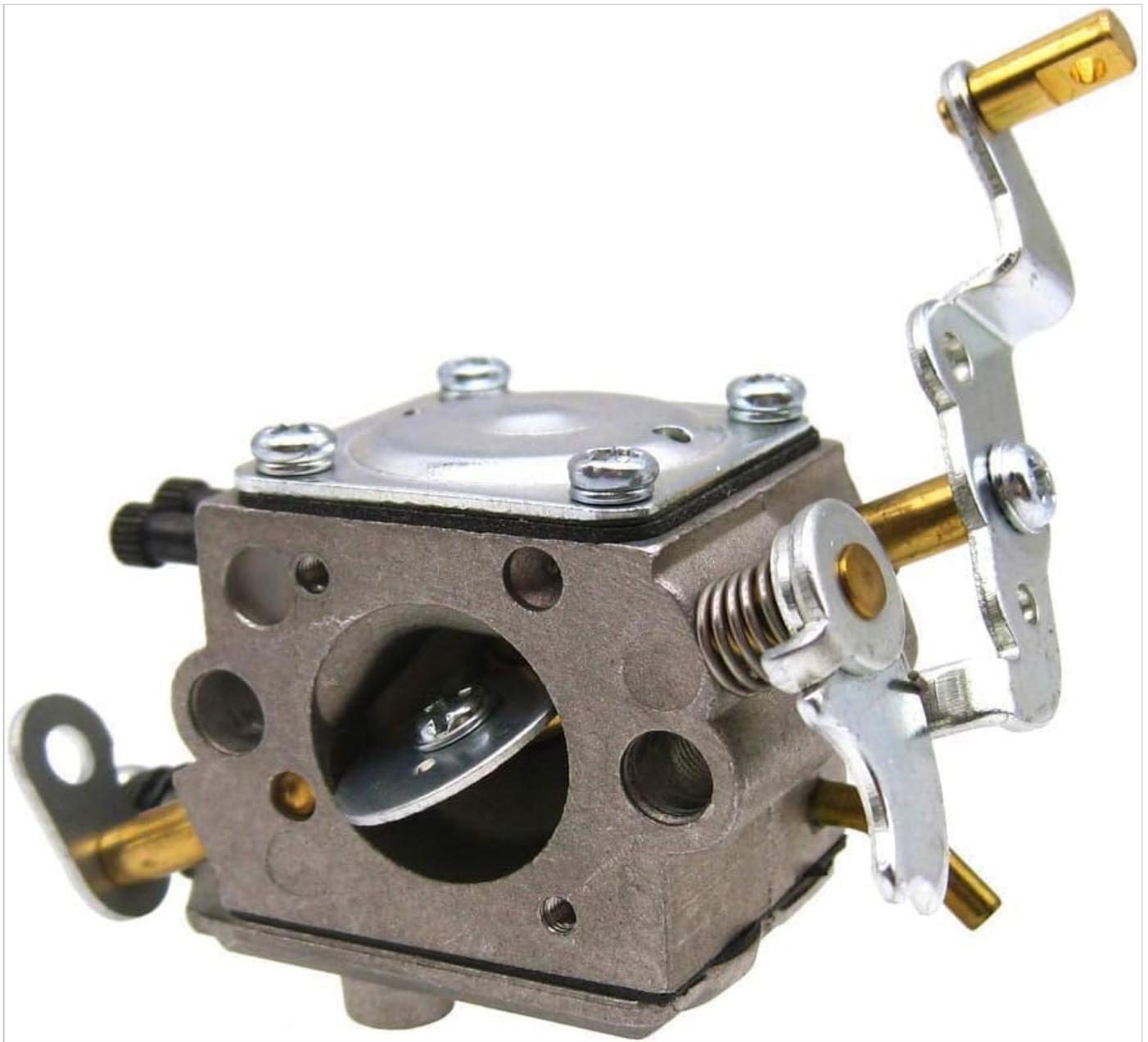


Image 3: Angled view of the BXPARTS Carburetor. This perspective shows the primer bulb connection and the general layout.

OPERATING

After installation, the carburetor may require minor adjustments for optimal performance. The carburetor comes with an adjustment tool for this purpose.

- **Fueling:** Fill the fuel tank with the correct fuel mixture (gasoline and 2-cycle oil) as specified by your chainsaw manufacturer.
- **Priming:** Press the primer bulb several times until fuel is visible in the bulb and lines.
- **Starting:** Follow your chainsaw's specific starting procedure, which typically involves setting the choke and pulling the starter cord.
- **Adjustments:** If the engine runs rough, stalls, or lacks power, fine-tune the carburetor's high (H) and low (L) speed mixture screws, and the idle (T) screw. Make small adjustments (e.g., 1/8 turn) at a time. Refer to your chainsaw's manual for recommended adjustment procedures and settings.

MAINTENANCE

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

- **Air Filter:** Clean or replace the air filter regularly to prevent dirt and debris from entering the carburetor.
- **Fuel Filter:** Inspect and replace the fuel filter periodically to ensure clean fuel delivery to the carburetor.
- **Fuel Lines:** Check fuel lines for cracks, leaks, or hardening. Replace as needed.
- **Storage:** When storing the chainsaw for extended periods, drain the fuel tank and run the engine until it stops to clear fuel from the carburetor, or use a fuel stabilizer.

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, incorrect choke setting, clogged fuel filter, spark plug issue.	Check fuel level, ensure choke is set correctly, replace fuel filter, check/replace spark plug.
Engine runs rough/stalls	Carburetor adjustment needed, dirty air filter, old fuel.	Adjust carburetor screws (H, L, T), clean/replace air filter, use fresh fuel.
Lack of power	Incorrect carburetor adjustment, clogged fuel filter, dirty air filter.	Adjust carburetor, replace fuel filter, clean/replace air filter.
Fuel leaks	Loose fuel lines, damaged gaskets, cracked primer bulb.	Tighten connections, replace gaskets, replace primer bulb.

If problems persist after attempting these solutions, it is recommended to consult a qualified service technician or refer to your chainsaw's official service manual.

SPECIFICATIONS

Product Type	Carburetor Replacement Kit
Compatibility	Poulan Pro PR5020 20 in. 50cc 2-Cycle Gas Chainsaw
Manufacturer	BXParts
Material	Aluminum (Exterior)
Item Weight	1.6 ounces
Package Dimensions	6 x 4 x 4 inches
Fuel Type	Gasoline

WARRANTY AND SUPPORT

As a replacement part, warranty coverage typically falls under the terms provided by the seller at the time of purchase. Please retain your proof of purchase for any warranty claims.

For technical assistance or further inquiries, please contact the seller directly through the platform where the purchase

was made. They can provide specific support related to this BXParts carburetor.

