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- › [SaferCCTV](#) /
- › [SaferCCTV PZ26 26mm Carburetor Instruction Manual](#)

SaferCCTV PZ26

SaferCCTV PZ26 26mm Carburetor Instruction Manual

Model: PZ26 Carburetor | Brand: SaferCCTV

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your SaferCCTV PZ26 26mm Carburetor. Designed for durability and reliable performance, this carburetor is compatible with a wide range of vehicles.

The PZ26 carburetor is compatible with various models including CB125, XL125S, 250, 250EX Recon, GY6 150cc ATV, QUAD, Go-Kart, and Dirt Bike. It also supports models from Taotao, Buyang, Coolsort, Kazuma, SunL, Roketa, and AIM-EX.



Figure 1: Front view of the PZ26 26mm Carburetor, showing the intake and main body.

2. SETUP AND INSTALLATION

Before beginning installation, ensure the engine is cool and the fuel supply is turned off. It is recommended to consult a professional mechanic if you are unsure about any steps.

2.1 Pre-Installation Check

- Verify that the carburetor dimensions match your vehicle's requirements.
- Inspect the new carburetor for any visible damage or debris.
- Gather necessary tools, including wrenches, screwdrivers, and a fuel-safe container.

2.2 Installation Steps

1. Disconnect the battery (if applicable) to prevent accidental starting.
2. Locate the existing carburetor on your vehicle.
3. Carefully disconnect the fuel line, throttle cable, and choke cable from the old carburetor. Be prepared for fuel spillage.
4. Remove the mounting bolts securing the old carburetor to the engine intake manifold.
5. Remove the old carburetor and any old gaskets. Clean the mounting surface thoroughly.
6. Install new gaskets (not included with this product, purchase separately if needed) on the intake manifold.
7. Position the new SaferCCTV PZ26 carburetor onto the intake manifold, aligning the bolt holes.
8. Secure the carburetor with the mounting bolts, tightening them evenly to ensure a proper seal.
9. Reconnect the fuel line, throttle cable, and choke cable to the new carburetor. Ensure all connections are secure and free of leaks.
10. Reconnect the battery (if disconnected).



Figure 2: Various views of the PZ26 Carburetor, illustrating different angles for installation reference.

3. OPERATING INSTRUCTIONS

After installation, proper starting and operation procedures are crucial for optimal performance.

3.1 Initial Start-Up

1. Turn on the fuel supply to the carburetor.
2. Engage the choke (if equipped and necessary for cold starts).
3. Attempt to start the engine. It may take a few attempts for fuel to prime the carburetor.
4. Once started, gradually disengage the choke as the engine warms up.
5. Allow the engine to idle for a few minutes to reach operating temperature.

3.2 Adjustments

The carburetor comes pre-tuned, but minor adjustments may be necessary for your specific vehicle and environmental conditions.

- **Idle Speed Screw:** Adjusts the engine's idle RPM. Turn clockwise to increase idle, counter-clockwise to decrease.
- **Air/Fuel Mixture Screw:** Fine-tunes the air-fuel ratio. Adjust in small increments (e.g., 1/4 turn) and observe engine response. Turning clockwise typically leans the mixture, counter-clockwise enriches it. Optimal setting often involves finding the highest idle speed, then backing off slightly.

4. MAINTENANCE

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

- **Fuel Quality:** Always use clean, fresh fuel. Stale or contaminated fuel can clog carburetor passages.
- **Fuel Filter:** Regularly inspect and replace the fuel filter to prevent debris from reaching the carburetor.
- **Air Filter:** A clean air filter is essential. Replace or clean the air filter as per your vehicle's maintenance schedule to ensure proper airflow.
- **Carburetor Cleaning:** If performance degrades, the carburetor may need cleaning. This involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and reassembling with new gaskets if necessary.
- **Storage:** If storing the vehicle for an extended period, drain the fuel from the carburetor bowl or use a fuel stabilizer to prevent gumming and varnish buildup.

5. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, incorrect choke setting, fouled spark plug.	Check fuel level, replace fuel filter, adjust choke, inspect/replace spark plug.
Poor idle or stalling	Incorrect idle speed, clogged idle jet, air leak, improper air/fuel mixture.	Adjust idle screw, clean idle jet, check for air leaks, adjust air/fuel mixture.
Engine runs rough or misfires	Clogged main jet, dirty air filter, incorrect air/fuel mixture.	Clean main jet, clean/replace air filter, adjust air/fuel mixture.
Fuel leaks	Loose connections, damaged fuel line, faulty float needle, cracked carburetor body.	Tighten connections, replace fuel line, inspect float/needle, replace carburetor if cracked.

6. SPECIFICATIONS

Key technical specifications for the SaferCCTV PZ26 26mm Carburetor:

Intake Inside Diameter: 26mm

Air Filter Mount Outside Diameter: 42mm

Bolt Hole Spacing Length: 48mm

Brand: SaferCCTV

Model: PZ26 Carburetor

Item Weight: 1.15 pounds

Package Dimensions: 4.49 x 3.39 x 3.11 inches

Flange Type: Bolt On

Fuel Type: Gasoline

Manufacturer Part Number: 43237-2

Compatible Vehicle Service Types: All Terrain Vehicle, Go Kart, Motorcycle, UTV, Lawn Mower

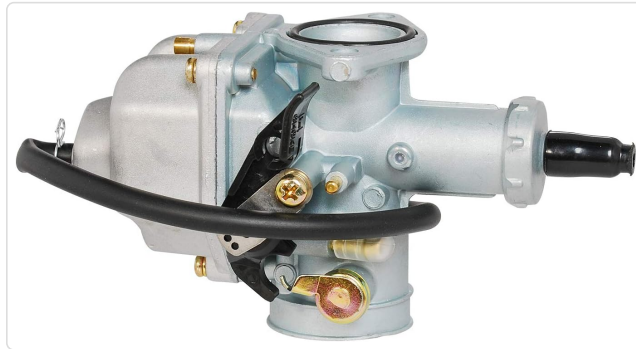


Figure 3: Diagram illustrating the key dimensions of the PZ26 Carburetor.

7. WARRANTY AND SUPPORT

SaferCCTV stands behind the quality of its products. For any questions, concerns, or issues regarding your PZ26 26mm Carburetor, please contact SaferCCTV customer service.

Refer to your purchase documentation for specific warranty terms and conditions. If you are not satisfied with our products, please contact our customer service for assistance.

You can visit the official SaferCCTV store for more information and products: [SaferCCTV Store](#)