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› DJ-Motor PZ20 20mm Carburetor Rebuild Kit Instruction Manual

## DJ-Motor TY-A0822

# DJ-Motor PZ20 20mm Carburetor Rebuild Kit Instruction Manual

Model: TY-A0822

Brand: DJ-Motor

## 1. PRODUCT OVERVIEW

The DJ-Motor PZ20 20mm Carburetor Rebuild Kit is designed to restore the performance of PZ20 carburetors. This kit includes essential components for repairing and rebuilding your carburetor, ensuring proper fuel delivery and engine operation. It is suitable for a range of small engines found in ATVs, Quads, Pit Bikes, and Dirt Bikes.



# PZ20 20mm Carburetor Carb Repair Kit



Image 2: A closer look at the various jets, needles, and gaskets included in the PZ20 carburetor rebuild kit.

## 3. COMPATIBILITY

This PZ20 20mm Carburetor Rebuild Kit is compatible with a variety of engines and vehicles. Please verify your carburetor type and size before ordering to ensure proper fitment.

### Known Compatible Models:

- XR80 Carburetor
- XR80R Carburetor
- 50cc, 70cc, 90cc, 110cc, 125cc Taotao ATV Quad Pit Dirt Bikes
- JCL, Roketa, Baja, Tank ATV Quad Pit Dirt Bikes

**Attention: Always check the product size picture and your vehicle's specific carburetor specifications before placing an order to confirm compatibility.**

## 4. INSTALLATION GUIDELINES

Carburetor rebuilding requires mechanical knowledge and precision. If you are not confident in your ability to perform this repair, it is recommended to seek assistance from a qualified mechanic.

### 4.1 Safety Precautions

- Ensure the engine is cool before starting any work.
- Disconnect the battery to prevent accidental starting.

- Work in a well-ventilated area.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Have a fire extinguisher nearby when working with fuel.

## 4.2 General Installation Steps (Consult a service manual for detailed, vehicle-specific instructions)

1. **Disassembly:** Carefully remove the carburetor from the engine. Document the location of all hoses and connections, preferably with photos.
2. **Cleaning:** Thoroughly clean the carburetor body and all reusable components. Use a carburetor cleaner and compressed air to clear all passages.
3. **Inspection:** Inspect all parts for wear or damage. Replace any worn components with new parts from the rebuild kit.
4. **Reassembly:** Install new gaskets, O-rings, jets, and other components from the kit. Ensure all parts are correctly seated and tightened to specifications.
5. **Installation:** Reinstall the carburetor onto the engine, reconnecting all hoses and linkages.
6. **Initial Adjustment:** Perform initial adjustments for idle speed and air/fuel mixture as per your vehicle's service manual.

Your browser does not support the video tag.

Video 1: An instructional video demonstrating the process of repairing and rebuilding a 20mm PZ20 carburetor. This video provides visual guidance for the installation steps.

## 5. OPERATION AND TUNING

After installation, proper tuning of the carburetor is crucial for optimal engine performance. This typically involves adjusting the idle mixture screw and idle speed screw.

- **Idle Mixture Screw:** Adjust this screw to achieve the highest idle RPM, then turn it out slightly (usually 1/4 to 1/2 turn) to ensure a smooth idle.
- **Idle Speed Screw:** Adjust this screw to set the desired engine idle speed.

Refer to your vehicle's specific service manual for precise tuning procedures and specifications.

## 6. MAINTENANCE

Regular maintenance of your carburetor is essential to prolong its lifespan and ensure consistent engine performance.

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can clog jets and passages.
- **Fuel Filter:** Regularly check and replace the fuel filter to prevent debris from reaching the carburetor.
- **Air Filter:** Ensure the air filter is clean and properly installed to prevent dirt from entering the carburetor and engine.
- **Seasonal Storage:** If storing the vehicle for an extended period, drain the fuel from the carburetor or use a fuel stabilizer to prevent gumming and corrosion.

## 7. TROUBLESHOOTING

If you experience issues after rebuilding your carburetor, consider the following common troubleshooting steps:

- **Engine Not Starting:** Check for proper fuel flow, spark, and compression. Ensure all carburetor passages are

clear and jets are not clogged.

- **Rough Idle/Stalling:** Re-check idle mixture and speed adjustments. Inspect for vacuum leaks around the carburetor and intake manifold.
- **Poor Acceleration/Sputtering:** This could indicate incorrect jetting (main jet or pilot jet) or a float level issue. Some users have reported issues with non-OEM jet sizes in rebuild kits; verify against original specifications if possible.
- **Fuel Leaks:** Ensure all gaskets and O-rings are correctly installed and not pinched. Check float bowl screws for proper tightness.

For persistent issues, consult a professional mechanic or a detailed service manual for your specific vehicle.

## 8. SPECIFICATIONS

| Feature         | Detail                                            |
|-----------------|---------------------------------------------------|
| Product Grade   | Replacement Part                                  |
| Brand           | DJ-Motor                                          |
| Fit Type        | Vehicle Specific Fit                              |
| OEM Part Number | TY-A0822                                          |
| Shape           | Round (referring to some components like O-rings) |
| Model Number    | TY-A0822                                          |
| Item Type Name  | PZ20 Carburetor Carb Repair Rebuild Kit           |
| Unit Count      | 1.0 Count                                         |
| Manufacturer    | DJ-Motor                                          |

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your DJ-Motor PZ20 Carburetor Rebuild Kit, please refer to the seller's policies or contact DJ-Motor directly through their official channels. Keep your purchase receipt as proof of purchase.

You can visit the [DJ-Motor Store on Amazon](#) for more information.

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This manual is for informational purposes only. Always exercise caution and consult a professional when performing vehicle maintenance.

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**Details**

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

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