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liriuda 027129016H

Instruction Manual

LIRIUDA CARBURETOR MODEL 027129016H

Fit for VW Golf 2 Jetta II 19E 1, 6 72PS ab 01/86 U-Kat Vergaser Pierburg 2E

Introduction

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your new liriuda Carburetor. Adhering to these guidelines will ensure optimal performance, longevity, and safe operation of the component. This carburetor is designed as a direct replacement for part number 027129016H, suitable for specific VW Golf 2 and Jetta II models.

Key Features

- **Direct Replacement:** Specifically designed to replace OEM part number 027129016H, ensuring compatibility with VW Golf 2 and Jetta II 19E 1.6 72PS models from 01/86.
- **Enhanced Durability:** Constructed from sturdy, tough prime fibrous alloy materials for enhanced durability and superior reliability.
- **Improved Performance:** Designed to improve throttle response for better engine performance, perfect idle, and top accelerator status.
- **Quality Components:** Features quality castings, interchangeable with Weber IDF components, jets, and rebuild kits.
- **Optimized Fuel Delivery:** Cold start circuit eliminated for a 20% larger float bowl and more fuel volume.
- **Precision Engineering:** Includes profiled throttle (butterfly) shafts, short velocity stacks, and an extended life accelerator pump diaphragm.

Product Overview

Observe the various aspects and components of the carburetor through the following images and video demonstration.

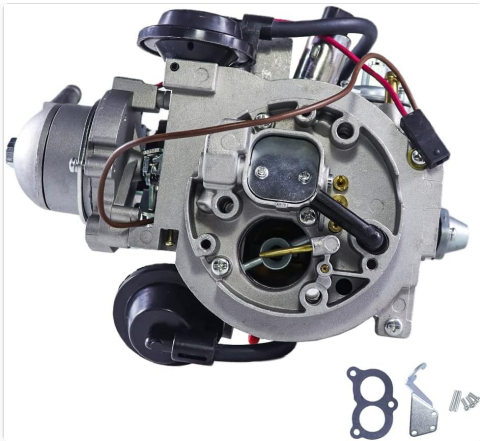


Figure 1: Top-down view of the Liruda carburetor, showcasing the main body and various connections.



Figure 2: The carburetor with a blue protective cap covering the main air intake, indicating new condition.



Figure 3: A detailed view of the carburetor, highlighting a measurement of 3.62 inches across a key opening.

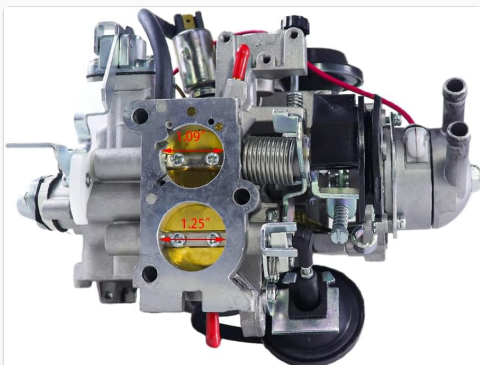


Figure 4: Internal view of the carburetor

showing two throttle plate openings with measurements of 1.09 inches and 1.25 inches.

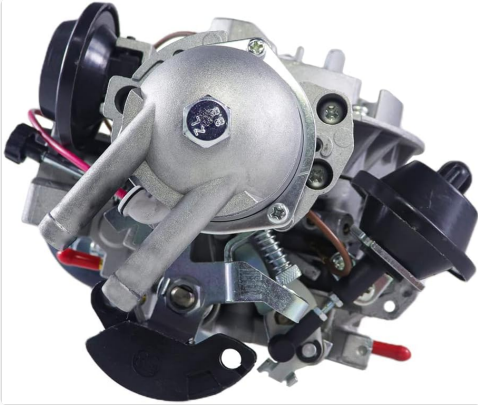


Figure 5: A top-side angle view of the carburetor, providing a different perspective of its assembly.

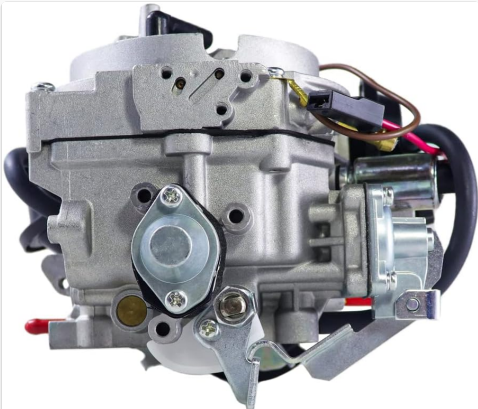


Figure 6: A side view of the carburetor, showing various ports and linkages.

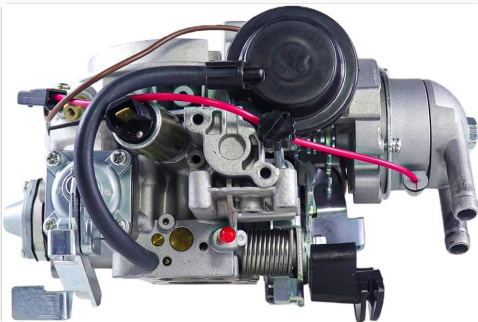


Figure 7: Another side view of the carburetor, detailing additional connections and the fuel pump mechanism.

Product Demonstration Video

Your browser does not support the video tag.

Video 1: A comprehensive overview of the Irida Carburetor (Model 027129016H), showcasing its design, components, and various angles. This video provides a visual guide to the product's physical characteristics.

Setup and Installation

Installation of a carburetor requires specific mechanical knowledge and tools. It is highly recommended that installation be performed by a qualified professional to ensure correct fitment and function, and to prevent potential damage to the vehicle or the component.

General Steps (Consult a professional for detailed, vehicle-specific instructions):

1. **Preparation:** Ensure the engine is cool and disconnect the vehicle's battery.
2. **Removal of Old Carburetor:** Carefully disconnect all fuel lines, vacuum hoses, electrical connections, and throttle linkages from the old carburetor. Remove mounting nuts/bolts and lift the old unit.
3. **Gasket Replacement:** Always use new gaskets when installing a new carburetor to ensure a proper seal and prevent vacuum leaks.
4. **New Carburetor Installation:** Place the new liriuda carburetor onto the intake manifold, ensuring proper alignment with the new gaskets. Secure with mounting nuts/bolts, tightening them evenly to the manufacturer's specifications.
5. **Reconnect Components:** Reattach all fuel lines, vacuum hoses, electrical connections, and throttle linkages. Double-check all connections for security and proper routing.
6. **Initial Checks:** Before starting the engine, inspect for any fuel leaks or loose connections. Reconnect the battery.

Operating Guidelines

Once installed, the liriuda carburetor is designed to provide optimal fuel-air mixture for efficient engine operation. Proper tuning may be required after installation to achieve peak performance and fuel economy.

- **Engine Start-up:** Ensure the vehicle's fuel system is primed. Start the engine and allow it to reach operating temperature.
- **Idle Adjustment:** Adjust the idle speed and mixture screws as necessary to achieve a smooth and stable idle. Refer to your vehicle's service manual for specific idle RPM and mixture settings.
- **Throttle Response:** The carburetor is designed to provide improved throttle response. Test the throttle smoothly to ensure proper acceleration without hesitation or bogging.
- **Cold Start:** The design features an optimized cold start circuit. Ensure the choke mechanism (if applicable to your vehicle's setup) is functioning correctly for reliable cold starts.

Maintenance

Regular maintenance is crucial for the longevity and performance of your carburetor. The following are general maintenance recommendations:

- **Fuel Filter:** Regularly inspect and replace the fuel filter to prevent contaminants from reaching the carburetor. A clogged fuel filter can lead to poor performance.
- **Air Filter:** Ensure the air filter is clean and free of obstructions. A dirty air filter restricts airflow and can negatively impact the fuel-air mixture.
- **Linkages and Hoses:** Periodically check all throttle linkages, vacuum hoses, and fuel lines for wear, cracks, or loose connections. Replace any damaged components immediately.
- **Cleaning:** If performance issues arise, a professional carburetor cleaning may be necessary. Avoid using harsh chemicals that could damage internal components.
- **Gaskets:** Inspect manifold and carburetor gaskets for signs of leaks, which can cause vacuum issues and affect engine performance.

Troubleshooting

If you experience issues with your carburetor, consider the following common problems and potential solutions. For complex issues, professional diagnosis and repair are recommended.

Problem	Possible Cause	Solution
Engine hard to start or won't start	No fuel, clogged fuel filter, faulty choke, vacuum leak	Check fuel supply, replace fuel filter, inspect choke mechanism, check for vacuum leaks.
Rough idle or stalling	Incorrect idle mixture, vacuum leak, dirty jets, faulty float	Adjust idle mixture, check for vacuum leaks, clean or replace jets, inspect float.
Poor acceleration or hesitation	Clogged jets, faulty accelerator pump, incorrect fuel level	Clean jets, inspect accelerator pump diaphragm, check float level.
Excessive fuel consumption	Rich fuel mixture, high float level, leaking gaskets	Adjust mixture, lower float level, replace leaking gaskets.

Specifications

Attribute	Detail
Part Number	027129016H
Brand	liriuda
Vehicle Service Type	Car
Specific Uses For Product	Performance
Idle Jets	52
Main Jets	115
Air Correctors	200
Pump Exhaust Valve Jet	550
Accelerator Pump Jets	50
Venturis	26mm
Emulsion Tubes	F-07
Needle & Seat	350

Warranty and Support

liriuda stands behind the quality of its products. This carburetor comes with a**12-Month Warranty** from the date of purchase. We offer a worry-free return and refund policy to ensure customer satisfaction. For any questions, technical assistance, or warranty claims, please contact our customer support. Ensure you have your purchase details and the product model number (027129016H) ready when contacting support.

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