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› maXpeedingrods 34 PICT-3 Carburetor User Manual

maXpeedingrods 34 PICT-3 (CB-113129031K-AMUS)

maXpeedingrods 34 PICT-3 Carburetor User Manual

Model: 34 PICT-3 (CB-113129031K-AMUS)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your new maXpeedingrods 34 PICT-3 Carburetor. Designed for specific Volkswagen air-cooled Type 1 engines, this carburetor is engineered to improve engine performance, throttle response, and idle stability. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

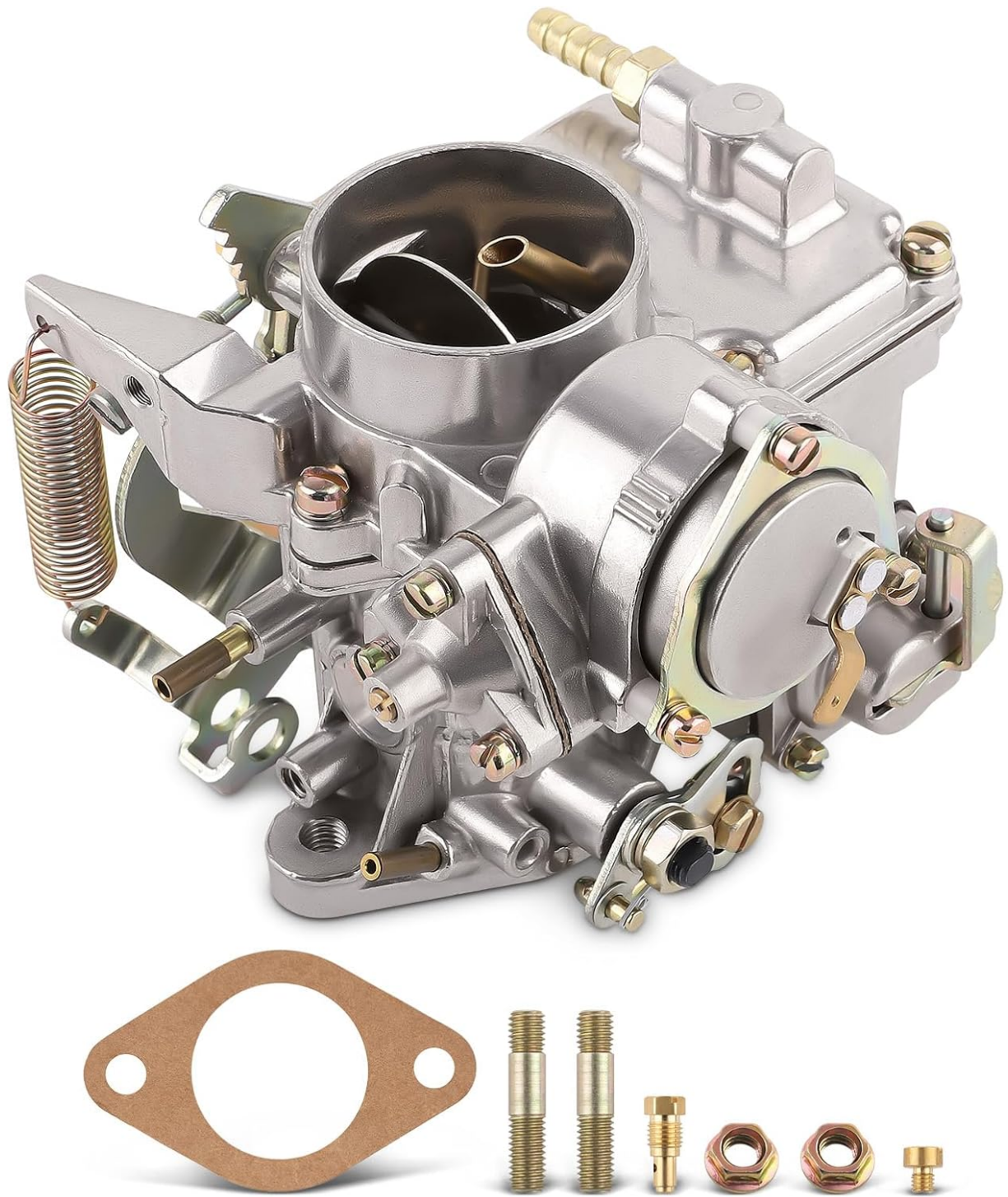


Figure 1: maXpeedingrods 34 PICT-3 Carburetor

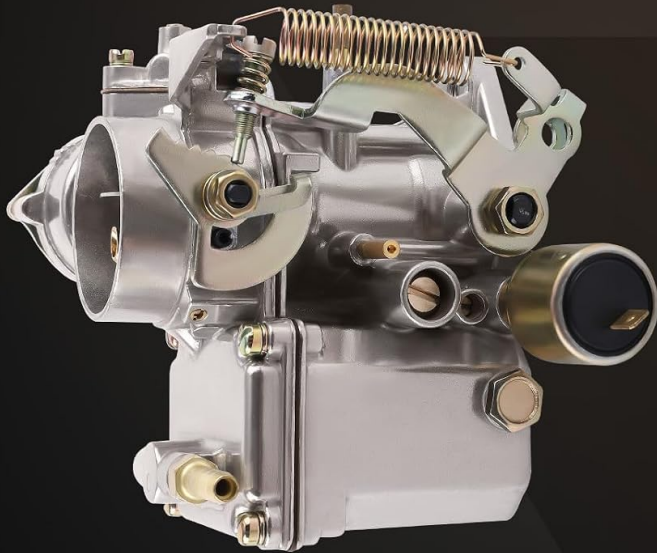
The maXpeedingrods 34 PICT-3 Carburetor is a replacement unit featuring an automatic choke, designed for optimal fuel-air mixture delivery to your engine. Its robust zinc alloy construction ensures durability and resistance to high temperatures and corrosion.

2. PRODUCT OVERVIEW AND FEATURES

- **Automatic Choke:** Warms up the engine quicker for improved cold starts.
- **Enhanced Performance:** Improves throttle response for better acceleration and maintains a smooth idle.
- **Durable Construction:** Made from heavy-duty zinc alloy for high temperature and corrosion resistance, ensuring a longer service life.
- **Direct Replacement:** Engineered to match OEM specifications for easy installation.

Durable and Sturdy

Made of heavy duty zinc alloy construction, high temperature resistance and corrosion resistance, strong and sturdy for longer usage life



MAX SPEEDING RODS
Since 2006



Figure 2: Durable Zinc Alloy Construction

3. COMPATIBILITY AND FITMENT

This 34 PICT-3 carburetor is designed for Volkswagen Air Cooled Type 1 engines with 1600cc displacement. It is specifically for **dual port engines only**, not single port engines.

Compatible Vehicle Models:

- VW Beetle: 1971-1979
- VW Super Beetle: 1971-1979
- VW Thing: 1973-1974
- VW Karmann Ghia: 1971-1974
- VW Squareback: 1967-1973
- VW Transporter: 1969-1972

Part Numbers: 34PICT-3, 98-1289-B, 113129031K.

Compatibility Engine

for VW Air cooled Type 1 engines 1600cc
only for dual port engine, not for single port engine



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Figure 3: Engine Compatibility

4. INSTALLATION (SETUP)

The maXpeedingrods 34 PICT-3 Carburetor is designed for direct replacement. It comes with a mounting gasket and seals to prevent leakage. Professional installation is recommended.

General Installation Steps:

1. Disconnect the battery cables.
2. Remove the air cleaner and any air intake ductwork.
3. Identify and remove all vacuum hoses and other connections.
4. Remove any linkages.
5. Disconnect the fuel supply line.
6. Remove the old carburetor.
7. Prepare to install the replacement carburetor, ensuring all mating surfaces are clean.
8. Install the replacement carburetor with the provided gasket and seals.
9. Reconnect all hoses, linkages, and fuel lines.
10. Check the carburetor for leaks after initial startup.

11. Complete the installation by reattaching the air cleaner and battery cables.

Installation Video:

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Video 1: maXpeedingrods 34 PICT-3 Carburetor 113129031K Presentation. This video provides a visual overview of the carburetor, which can be helpful during installation.

5. OPERATION AND ADJUSTMENT

The carburetor is pre-configured at the factory. Avoid making adjustments unless absolutely necessary. If adjustments are required, follow these guidelines:



Figure 4: Carburetor Adjustment Points

- **Fast Idle Screw:** Works with the stepped cam to set the idle speed when the choke is engaged (engine cold).
- **Bypass Screw:** Adjusts the engine's idle speed when warm.
- **Volume Screw:** Adjusts the idle air-fuel mixture.

Idle Screw Adjustment Video:

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Video 2: Idle Screw Adjustment. This short video demonstrates the idle screw adjustment process.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your carburetor. Key maintenance practices include:

- **Regular Cleaning:** Periodically clean the exterior of the carburetor to prevent dirt and debris buildup.
- **Fuel Filter Inspection:** Ensure your fuel filter is clean and free of clogs to prevent contaminants from reaching the carburetor.
- **Gasket and Seal Check:** Inspect gaskets and seals for any signs of wear or leakage and replace as necessary.
- **Linkage Lubrication:** Lubricate moving parts and linkages to ensure smooth operation.
- **Air Filter Maintenance:** A clean air filter is crucial for proper air-fuel mixture. Replace or clean your air filter according to your vehicle's maintenance schedule.

7. TROUBLESHOOTING

If you experience issues with your engine's performance, the carburetor may be a contributing factor. Here are common symptoms of a carburetor issue:

- **Reduced Engine Performance:** Loss of power or sluggish acceleration.
- **Black Smoke From Exhaust:** Indicates an overly rich fuel mixture.
- **Backfiring or Overheating:** Can be caused by an incorrect air-fuel ratio.
- **Hard Starting:** Difficulty starting the engine, especially when cold.
- **Oil Leaking:** While not directly from the carburetor, related issues can cause oil leaks.
- **Rough Idling:** Engine runs unevenly or stalls at idle.

If you encounter these symptoms, first check for proper installation, clean fuel and air filters, and correct adjustments. If problems persist, consult a qualified mechanic.

8. SPECIFICATIONS

Feature	Detail
Brand	maXpeedingrods
Model Number	CB-113129031K-AMUS
Part Numbers	34PICT-3, 98-1289-B, 113129031K
Vehicle Service Type	Car (Volkswagen)
Flange Type	Bolt On
Fuel Type	Electric (for choke)
Engine Compatibility	VW Air cooled Type 1 engines 1600cc (Dual Port)

Exterior Finish	Zinc, Zinc Alloy
Item Weight	1400 Grams
Dimensions (D x W x H)	7.09"D x 7.87"W x 6.3"H

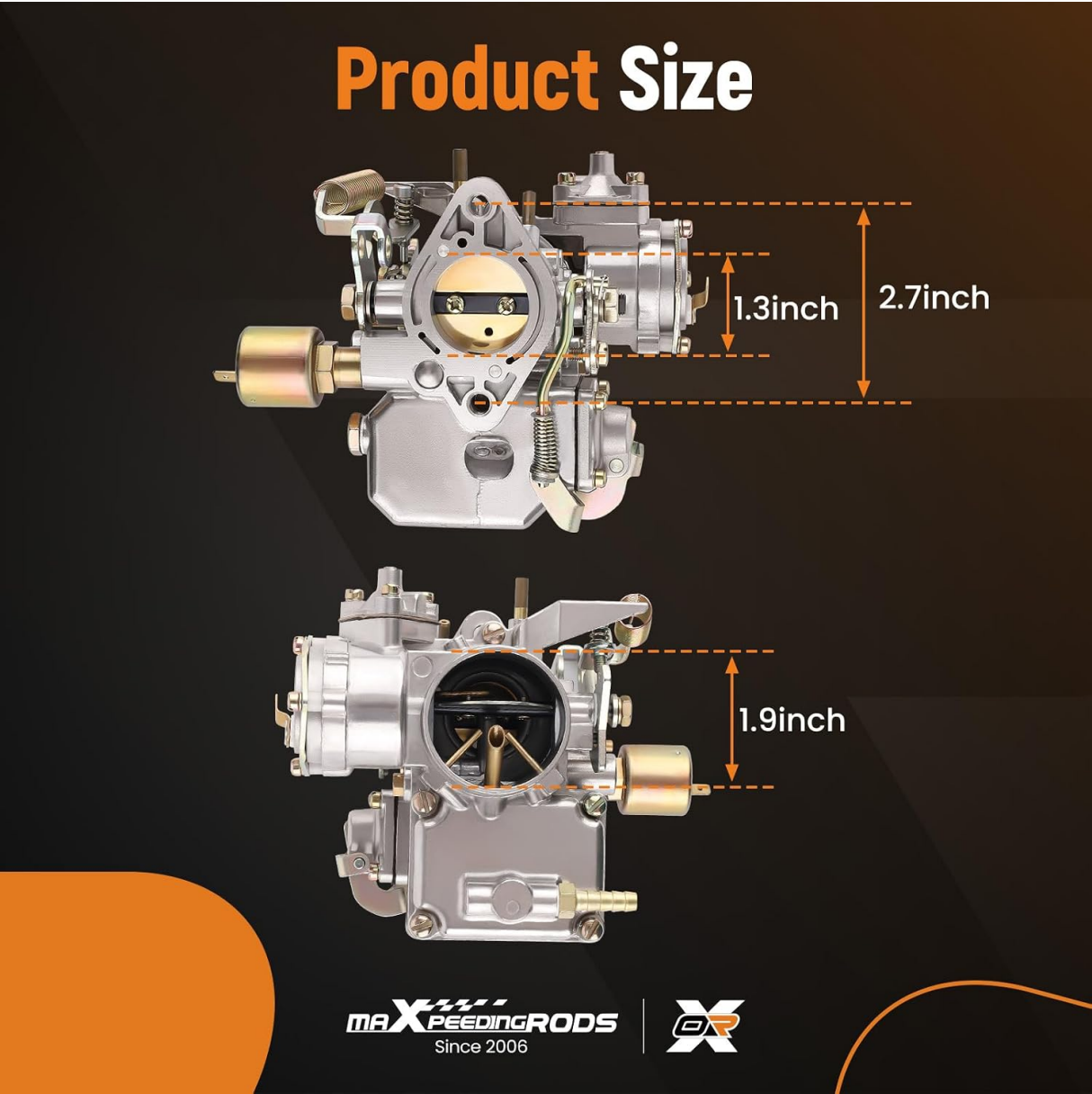


Figure 5: Product Dimensions

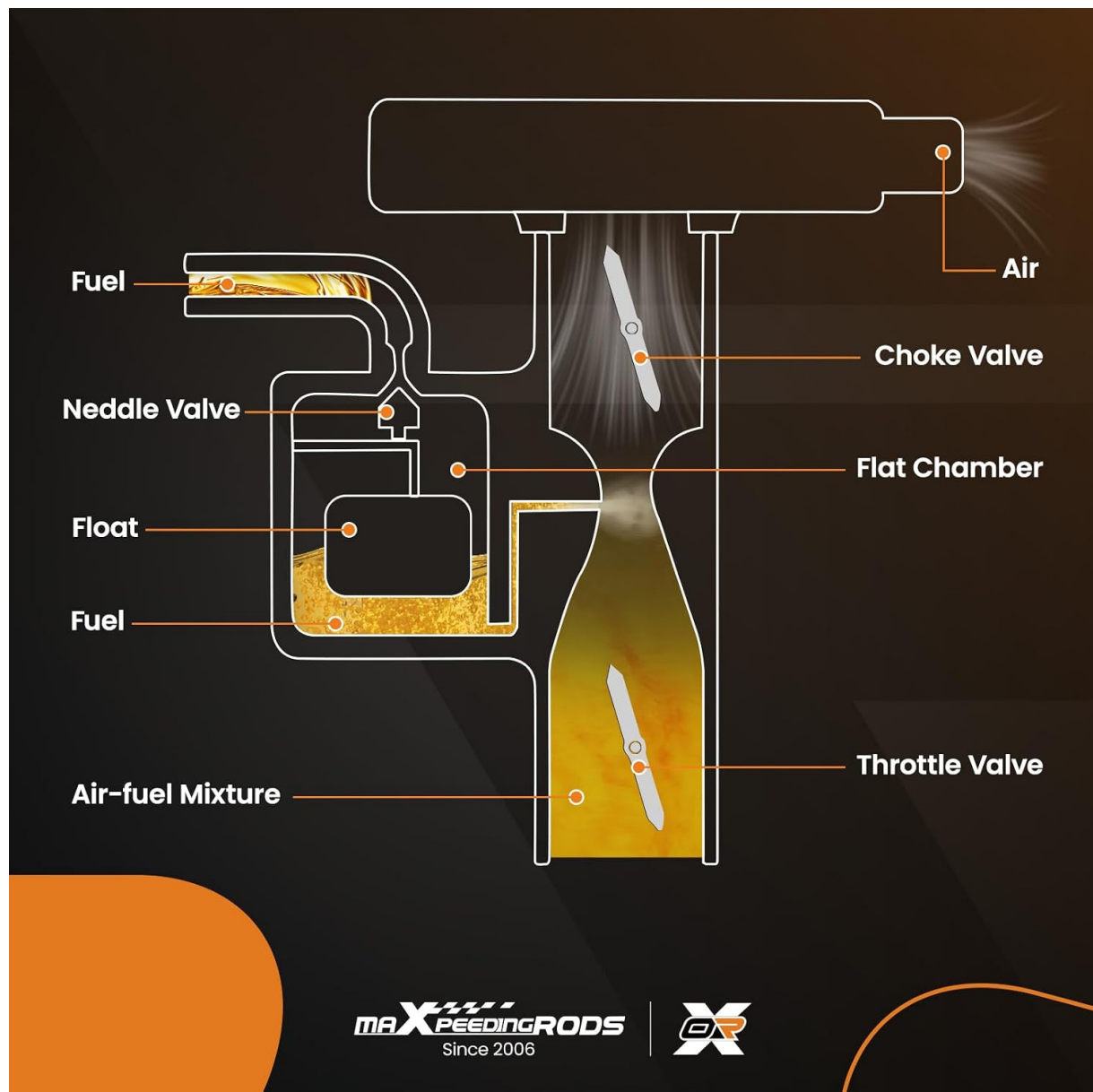


Figure 6: Basic Carburetor Function Diagram

9. WARRANTY AND SUPPORT

The maXpeedingrods 34 PICT-3 Carburetor comes with a **1-Year Manufacturer Warranty**. For any questions, technical assistance, or warranty claims, please contact maXpeedingrods-us customer support. All items are tested for reliability, durability, and performance.