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Standard Motor Products 361D

Instruction Manual

Hygrade Standard Motor Products 361D Carburetor Kit

INTRODUCTION

This instruction manual provides essential information for the proper use, installation, and maintenance of the Standard Motor Products 361D Carburetor Kit. This kit is designed to facilitate the rebuilding and restoration of specific carburetor models, ensuring optimal fuel delivery and engine performance. For best results, it is recommended that installation be performed by a qualified automotive technician or an individual with extensive experience in carburetor repair.

WHAT'S IN THE BOX

The Standard Motor Products 361D Carburetor Kit typically includes a comprehensive set of components necessary for a complete carburetor overhaul. Please verify all parts are present before beginning installation.

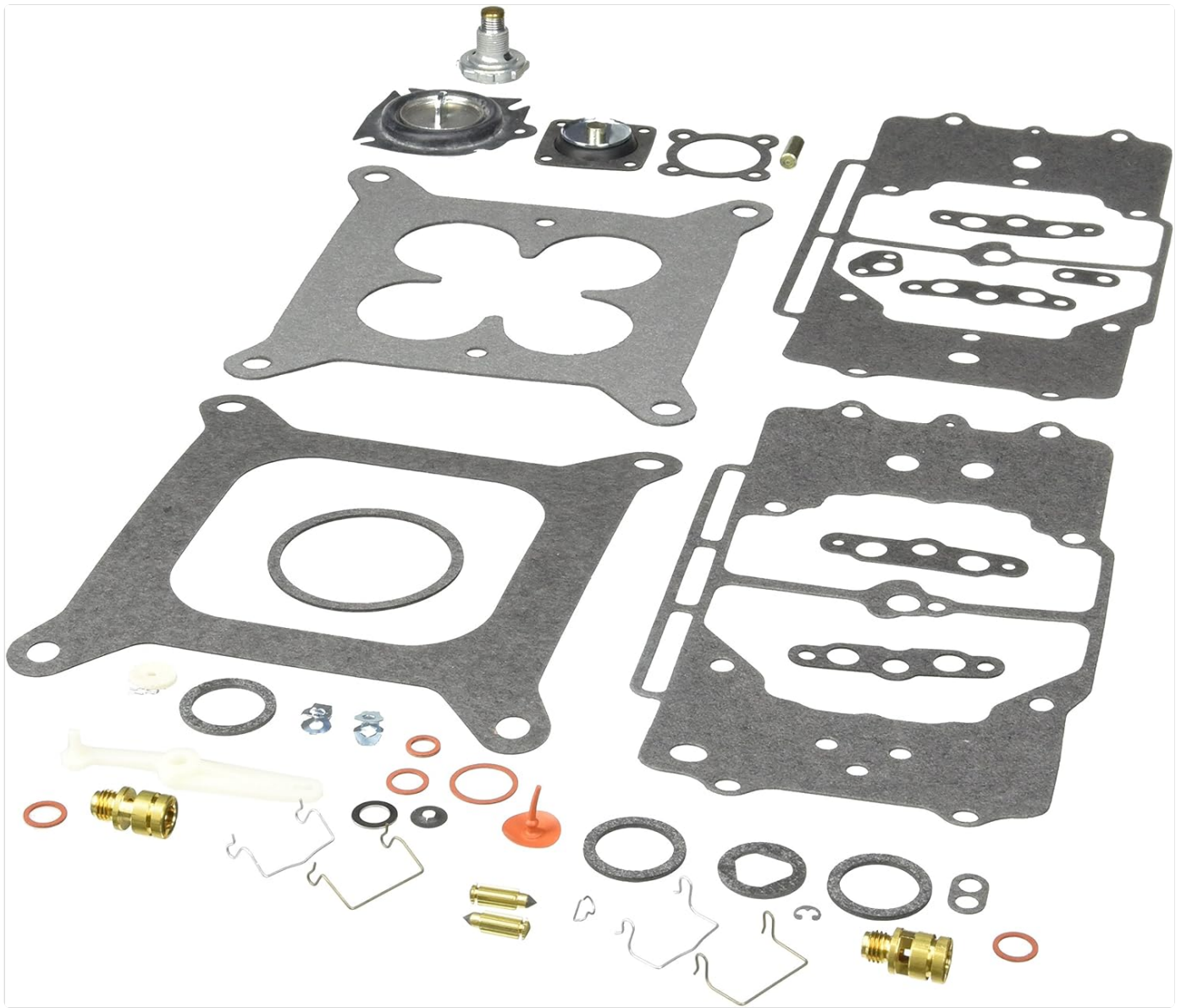


Image: Contents of the Standard Motor Products 361D Carburetor Kit. The kit includes multiple paper and fiber gaskets of various shapes and sizes, several rubber O-rings, brass jets, metal clips, a plastic float needle, and other small components essential for a carburetor rebuild.

- **Gaskets:** A variety of paper and fiber gaskets for sealing different sections of the carburetor, including base gaskets, metering block gaskets, and air horn gaskets.
- **Seals and O-rings:** Rubber O-rings and seals to prevent fuel and air leaks.
- **Needles and Seats:** Components for regulating fuel flow into the float bowl.
- **Jets:** Precision-machined brass jets for fuel metering.
- **Accelerator Pump Diaphragm:** If applicable to the carburetor model, a diaphragm for the accelerator pump.
- **Small Hardware:** Various clips, springs, and other small metal and plastic parts.

SETUP AND INSTALLATION

Installing a carburetor kit requires careful attention to detail and adherence to specific procedures for your vehicle's carburetor model. Always consult your vehicle's service manual for detailed, model-specific instructions.

1. Preparation:

- Disconnect the vehicle's battery.
- Ensure the engine is cool.

- Gather all necessary tools, including screwdrivers, wrenches, pliers, and carburetor cleaner.
- Have a clean workspace to prevent contamination of carburetor components.

2. Removal of Old Carburetor:

- Carefully disconnect all fuel lines, vacuum lines, electrical connections, and throttle linkages from the carburetor.
- Remove the mounting nuts or bolts securing the carburetor to the intake manifold.
- Lift the carburetor off the manifold, being mindful of any remaining gaskets or debris.

3. Disassembly and Cleaning:

- Disassemble the carburetor according to your specific service manual. Pay close attention to the order and orientation of all parts.
- Thoroughly clean all metal components using a specialized carburetor cleaner. Ensure all passages and jets are free of clogs and debris.
- Inspect all parts for wear or damage. Replace any worn components with new ones from the kit.

4. Reassembly with New Kit Components:

- Install new gaskets, O-rings, needles, seats, and other kit components as per your service manual.
- Ensure all screws and fasteners are tightened to the manufacturer's specified torque settings.
- Verify that all moving parts, such as the throttle plates and choke mechanism, operate smoothly.

5. Installation of Rebuilt Carburetor:

- Place a new base gasket on the intake manifold.
- Carefully lower the rebuilt carburetor onto the manifold, aligning it correctly.
- Secure the carburetor with mounting nuts or bolts, tightening them evenly to prevent warping.
- Reconnect all fuel lines, vacuum lines, electrical connections, and throttle linkages. Double-check all connections for security.

6. Initial Start-up and Adjustment:

- Reconnect the vehicle's battery.
- Start the engine and check for any fuel leaks or vacuum leaks.
- Adjust the idle speed, fuel mixture, and choke settings as required by your vehicle's specifications. This may require specialized tools or knowledge.

Note: Improper installation can lead to poor engine performance, fuel leaks, or damage to the carburetor or engine. If you are unsure about any step, seek professional assistance.

OPERATING PRINCIPLES

The Standard Motor Products 361D Carburetor Kit restores the functionality of your vehicle's carburetor. A carburetor is a device that blends air and fuel for internal combustion engines. It works by creating a vacuum that draws fuel into the airstream, atomizing it for efficient combustion. The components in this kit are crucial for maintaining precise fuel-air ratios, ensuring smooth engine operation, optimal fuel economy, and reduced emissions.

After installation, the rebuilt carburetor should provide:

- Consistent and stable idle.
- Smooth acceleration without hesitation.
- Improved fuel efficiency.

- Reliable cold starting.

MAINTENANCE

To ensure the longevity and continued performance of your rebuilt carburetor, regular maintenance is recommended:

- **Fuel Quality:** Always use clean, high-quality fuel. Contaminated fuel is a primary cause of carburetor issues.
- **Fuel Filter:** Regularly inspect and replace your vehicle's fuel filter to prevent debris from reaching the carburetor.
- **Air Filter:** Ensure the engine's air filter is clean and properly installed to prevent dirt and dust from entering the carburetor.
- **Periodic Inspection:** Periodically check for fuel leaks around the carburetor and ensure all vacuum lines and linkages are secure and in good condition.
- **Storage:** If the vehicle is to be stored for an extended period, consider adding a fuel stabilizer to the fuel tank or draining the fuel from the carburetor to prevent gum and varnish buildup.

TROUBLESHOOTING

If you experience issues after installing the carburetor kit, consider the following common problems and potential solutions:

Problem	Possible Cause	Solution
Engine runs rough or stalls at idle	Incorrect idle mixture setting, vacuum leak, clogged idle circuit.	Adjust idle mixture screw, check all vacuum lines and gaskets for leaks, re-clean idle passages.
Poor acceleration or hesitation	Faulty accelerator pump, clogged main jets, incorrect float level.	Inspect and replace accelerator pump diaphragm (if applicable), clean main jets, adjust float level.
Fuel leaks	Improperly seated gaskets, loose fasteners, damaged fuel lines.	Re-check all gasket installations, tighten fasteners evenly, inspect and replace fuel lines if damaged.
Hard starting (cold or hot)	Improper choke adjustment, incorrect float level, fuel delivery issues.	Adjust choke, verify float level, check fuel pump pressure and fuel filter.
Excessive fuel consumption	High float level, incorrect jetting, fuel leaks.	Adjust float level, verify correct jet sizes, check for external fuel leaks.

If problems persist after attempting these solutions, it is advisable to consult a professional automotive mechanic.

SPECIFICATIONS

Attribute	Detail
Product Name	Hygrade Standard Motor Products 361D Carburetor Kit
Brand	Standard Motor Products
Model Number	361D
Manufacturer	STANDARD CARB KITS

Attribute	Detail
Item Weight	7 ounces
Product Dimensions	6.63 x 2 x 9.38 inches
Country of Origin	United States
ASIN	B000C7SPVC
UPC	091769069810

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or replacement parts, please contact Standard Motor Products directly through their official website or customer service channels. Keep your purchase receipt and product model number (361D) readily available when contacting support.

Standard Motor Products is committed to providing quality automotive parts. For the most up-to-date information, please visit their official website:

[Standard Motor Products Official Website](#)

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