

[Manuals.plus](#) /

› [NICHE](#) /

› NICHE Carburetor Assembly Instruction Manual

NICHE Elite 150, Elite 125, 519-KCR2279B

NICHE Carburetor Assembly Instruction Manual

Model: Elite 150, Elite 125 (CH125, CH150)

Brand: NICHE

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your NICHE Carburetor Assembly. Designed as a direct replacement for specific Honda Elite scooter models, this carburetor ensures optimal fuel delivery and engine performance. Please read this manual thoroughly before installation and use to ensure proper function and safety.

COMPATIBILITY

This NICHE Carburetor Assembly is compatible with the following Honda scooter models and OEM part numbers:

- Honda Elite 125 (CH125) - 1984-1985
- Honda Elite 150 (CH150) - 1984-1985

OEM Part Numbers:

- 16100-KJ9-676
- 16100-KN7-675

WHAT'S IN THE BOX

Your package should contain the following items:

- 1x NICHE Carburetor Assembly



Image: The NICHE Carburetor Assembly shown with its product packaging.

SETUP AND INSTALLATION

Installation of the carburetor requires mechanical aptitude. If you are unsure about any step, it is recommended to seek professional assistance.

1. **Preparation:** Ensure the engine is cool. Disconnect the battery's negative terminal. Drain the fuel tank and carburetor float bowl.
2. **Remove Old Carburetor:** Carefully disconnect all fuel lines, vacuum lines, electrical connectors, and the throttle cable from the old carburetor. Loosen the clamps securing the carburetor to the intake manifold and airbox. Remove the old carburetor.
3. **Inspect Components:** Inspect the intake manifold, airbox boot, and all hoses for cracks or damage. Replace any worn components.
4. **Install New Carburetor:** Position the new NICHE Carburetor Assembly, ensuring all connections align. Secure the carburetor to the intake manifold and airbox with clamps.

5. **Reconnect Lines:** Reconnect all fuel lines, vacuum lines, electrical connectors, and the throttle cable. Ensure all connections are secure and free of leaks.
6. **Refill Fuel:** Refill the fuel tank.
7. **Reconnect Battery:** Reconnect the battery's negative terminal.



Image: Front view of the NICHE Carburetor Assembly, showing various hoses and electrical connections.

OPERATING INSTRUCTIONS

After installation, the carburetor may require minor adjustments for optimal performance.

1. **Initial Start-up:** Turn the fuel petcock to the "ON" position. If equipped, pull the choke lever. Start the engine. Allow the engine to warm up.
2. **Idle Speed Adjustment:** Locate the idle speed screw (typically a large, knurled screw). With the engine warm, turn the screw clockwise to increase idle speed or counter-clockwise to decrease it until the engine idles smoothly at the manufacturer's recommended RPM.
3. **Air/Fuel Mixture Adjustment:** Locate the air/fuel mixture screw (often a smaller, recessed screw). Turn the screw clockwise until the engine begins to stumble, then slowly turn it counter-clockwise until the engine runs smoothly and reaches its highest RPM. Then, turn it an additional 1/4 to 1/2 turn counter-clockwise. This adjustment fine-tunes the air-fuel ratio.
4. **Throttle Cable Adjustment:** Ensure there is a small amount of free play in the throttle cable at the handlebar. Adjust the cable at the carburetor if necessary to remove excessive slack without causing the throttle to stick.

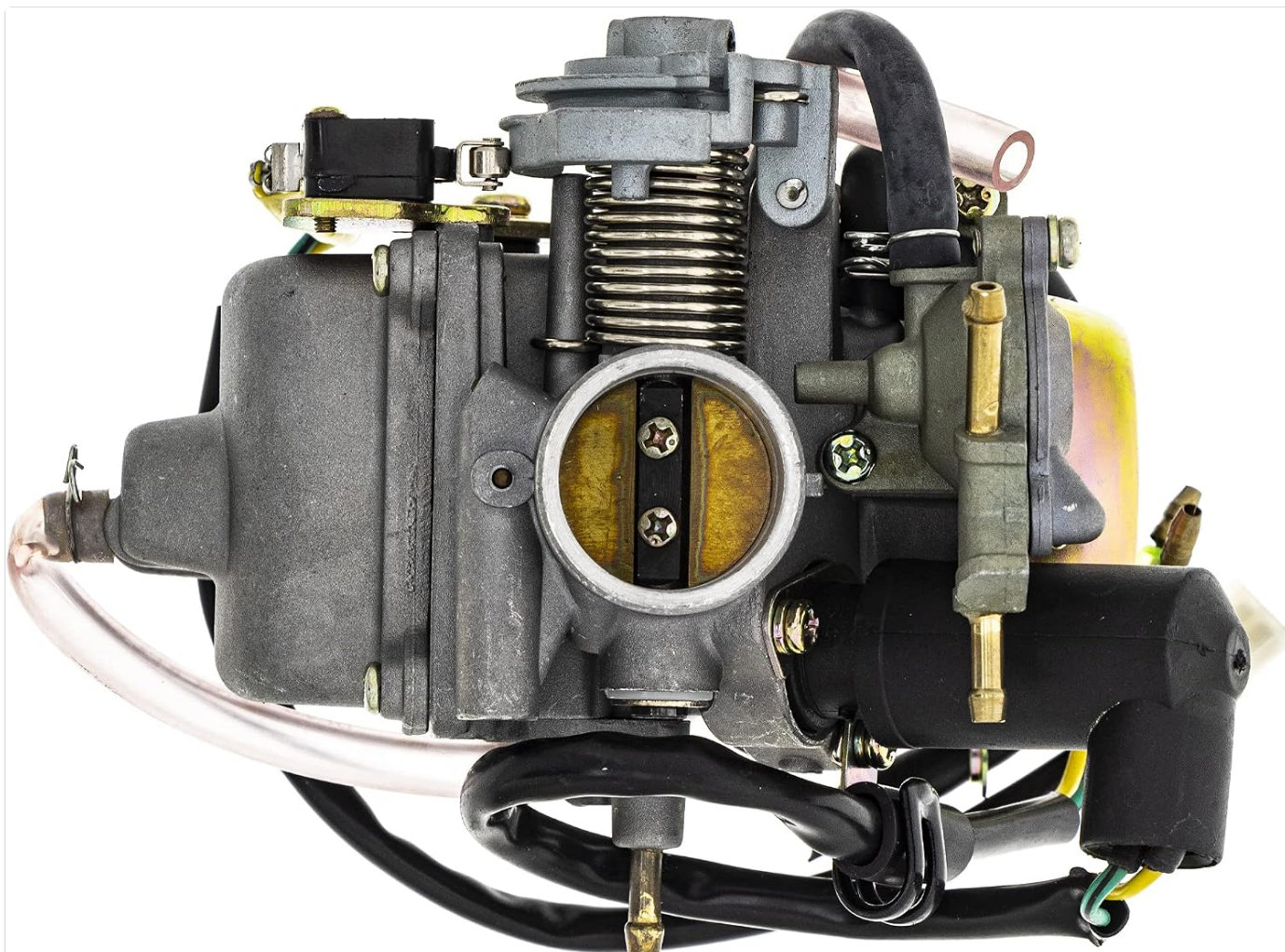


Image: Side view of the NICHE Carburetor Assembly, highlighting the throttle linkage and adjustment points.

MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your carburetor.

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can clog jets and passages.
- **Fuel Filter:** Regularly inspect and replace the inline fuel filter to prevent debris from entering the carburetor.
- **Air Filter:** Ensure the air filter is clean and properly oiled (if applicable) to prevent dirt from entering the engine and carburetor.
- **Storage:** If storing the scooter for an extended period, drain the fuel from the carburetor float bowl or use a fuel stabilizer to prevent fuel degradation and gumming.
- **Cleaning:** Periodically clean the carburetor, especially if performance issues arise. This may involve disassembling the carburetor and cleaning jets and passages with carburetor cleaner and compressed air.

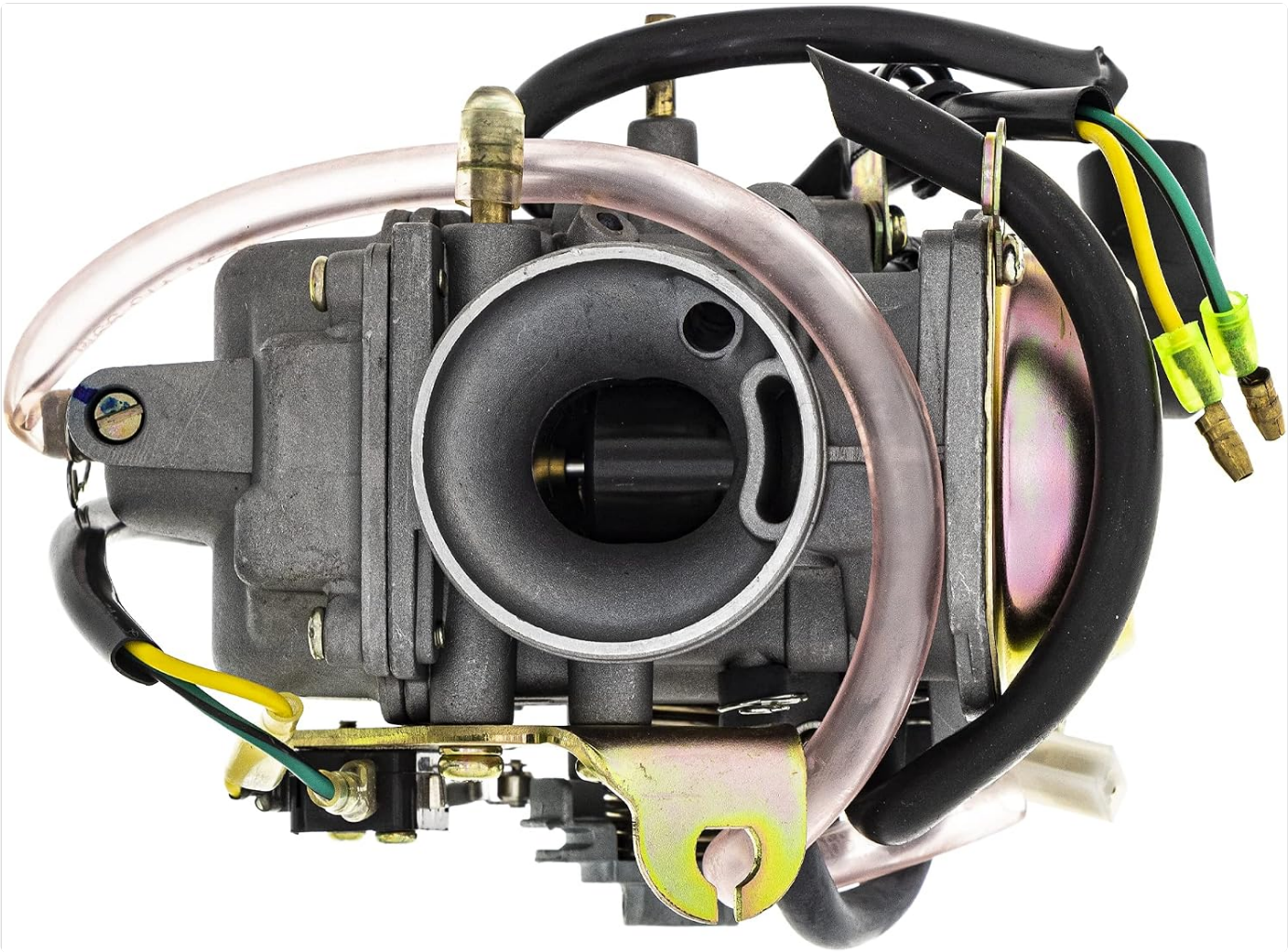


Image: Top view of the NICHE Carburetor Assembly, showing the air intake and fuel inlet.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged jets, incorrect choke	Check fuel level, clean carburetor, adjust choke
Rough idle	Incorrect idle speed/mixture, vacuum leak	Adjust idle/mixture screws, check for vacuum leaks
Poor acceleration	Clogged main jet, incorrect float level	Clean main jet, adjust float level
Fuel leaks	Loose connections, damaged float bowl gasket, stuck float	Tighten connections, replace gasket, clean/adjust float

SPECIFICATIONS

Feature	Detail
Brand	NICHE
Model Number	519-KCR2279B
Compatible OEM Part Numbers	16100-KJ9-676, 16100-KN7-675

Feature	Detail
Vehicle Service Type	Scooter (Honda Elite 125/150)
Main Jet Installed	98
Main Jet Spares	#100
Pilot Jet Installed	35
Input Port Size OD	32mm
Input Port Size ID	26mm
Output Port Size OD	50mm
Output Port Size ID	45mm
Item Weight	1.6 pounds
Product Dimensions	5.5 x 4.7 x 4.7 inches

WARRANTY INFORMATION

NICHE Industries offers a **2-Year Warranty** on this Carburetor Assembly. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please visit the official NICHE Industries website or contact customer support.



Image: NICHE Industries 2-Year Warranty emblem.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact NICHE Industries customer service.

Website: www.niche-industries.com

Brand Store: [NICHE Industries Amazon Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question