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CCLIFE 1015

CCLIFE Brake Piston Reset Tool Model 1015 Instruction Manual

For Safe and Effective Brake Maintenance

1. INTRODUCTION AND PRODUCT OVERVIEW

The CCLIFE Brake Piston Reset Tool Model 1015 is designed to facilitate the safe and efficient retraction of brake caliper pistons when replacing brake pads. This tool is essential for vehicles equipped with brake calipers that require the piston to be rotated and pushed back simultaneously, particularly common on rear brake systems.

This manual provides comprehensive instructions for the proper use, maintenance, and troubleshooting of your CCLIFE Brake Piston Reset Tool. Please read this manual thoroughly before operating the tool.



Image 1.1: The CCLIFE Brake Piston Reset Tool, including the main tool body and two common adapters (numbered 3 and 5).

2. SAFETY INFORMATION

Working with vehicle brake systems requires caution. Improper procedures can lead to serious injury or vehicle damage. Always adhere to the following safety guidelines:

- **Wear appropriate personal protective equipment (PPE)**, including safety glasses and gloves.
- **Ensure the vehicle is securely supported** on jack stands on a level surface before beginning any work. Never rely solely on a jack.
- **Consult your vehicle's service manual** for specific brake system procedures and torque specifications.
- **Do not force the tool** If the piston does not retract smoothly, re-evaluate the adapter selection and ensure the caliper is properly prepared.
- **Keep brake fluid away from painted surfaces** as it can damage paint. Clean up any spills immediately.
- **If you are unsure about any step**, seek assistance from a qualified automotive technician.

3. PRODUCT COMPONENTS

The CCLIFE Brake Piston Reset Tool Model 1015 typically includes the following components:

- **Main Tool Body:** Features a threaded shaft and a T-handle for rotation.
- **Pressure Plate:** A flat plate that rests against the caliper body.
- **Combined Adapter:** A rotating adapter designed to engage with the brake piston's notches. This tool specifically features a right-hand thread for retraction.
- **Additional Adapters:** Various adapters (e.g., numbered 3 and 5) to fit different piston notch patterns.



Image 3.1: The main tool with the pressure plate and two adapters (numbered 3 and 5) for different brake piston configurations.



Image 3.2: Detailed view of the tool's components, including the main body, pressure plate, and adapters.

4. SETUP

Before using the tool, ensure you have identified the correct adapter for your vehicle's brake caliper piston. The adapters are designed to fit into the notches or patterns on the face of the brake piston.

- 1. Prepare the Vehicle:** Lift the vehicle and secure it on jack stands. Remove the wheel.
- 2. Remove Brake Caliper:** Follow your vehicle's service manual to safely remove the brake caliper from its mounting bracket. Do not disconnect the brake line unless absolutely necessary. Support the caliper to prevent strain on the brake line.
- 3. Remove Old Brake Pads:** Take out the worn brake pads.
- 4. Identify Piston Type:** Observe the face of the brake piston to determine the required adapter pattern.
- 5. Select Adapter:** Choose the adapter from the kit that matches the piston's pattern.
- 6. Assemble Tool:** Attach the selected adapter to the threaded shaft of the main tool body. Ensure it is securely seated.

5. OPERATING INSTRUCTIONS

This tool is designed for brake pistons that require both rotation and compression for retraction. The Model 1015 features a right-hand thread for this operation.

- 1. Position the Tool:** Place the pressure plate of the tool against the caliper body. Align the chosen adapter with the notches on the brake piston.
- 2. Engage the Piston:** Gently turn the T-handle clockwise to engage the adapter with the piston's notches. Ensure the adapter is firmly seated and not slipping.
- 3. Retract the Piston:** Continue to turn the T-handle clockwise. This action will simultaneously rotate and push the piston back into the caliper bore. Apply steady, even pressure.
- 4. Monitor Piston Retraction:** Observe the piston as it retracts. It should move smoothly without excessive force. If resistance is encountered, stop and re-check the alignment and adapter fit.
- 5. Full Retraction:** Continue until the piston is fully retracted, creating enough space for the new, thicker brake pads.
- 6. Remove the Tool:** Once the piston is retracted, turn the T-handle counter-clockwise to release the pressure and remove the tool from the caliper.
- 7. Install New Pads and Caliper:** Install the new brake pads and reassemble the brake caliper according

to your vehicle's service manual.

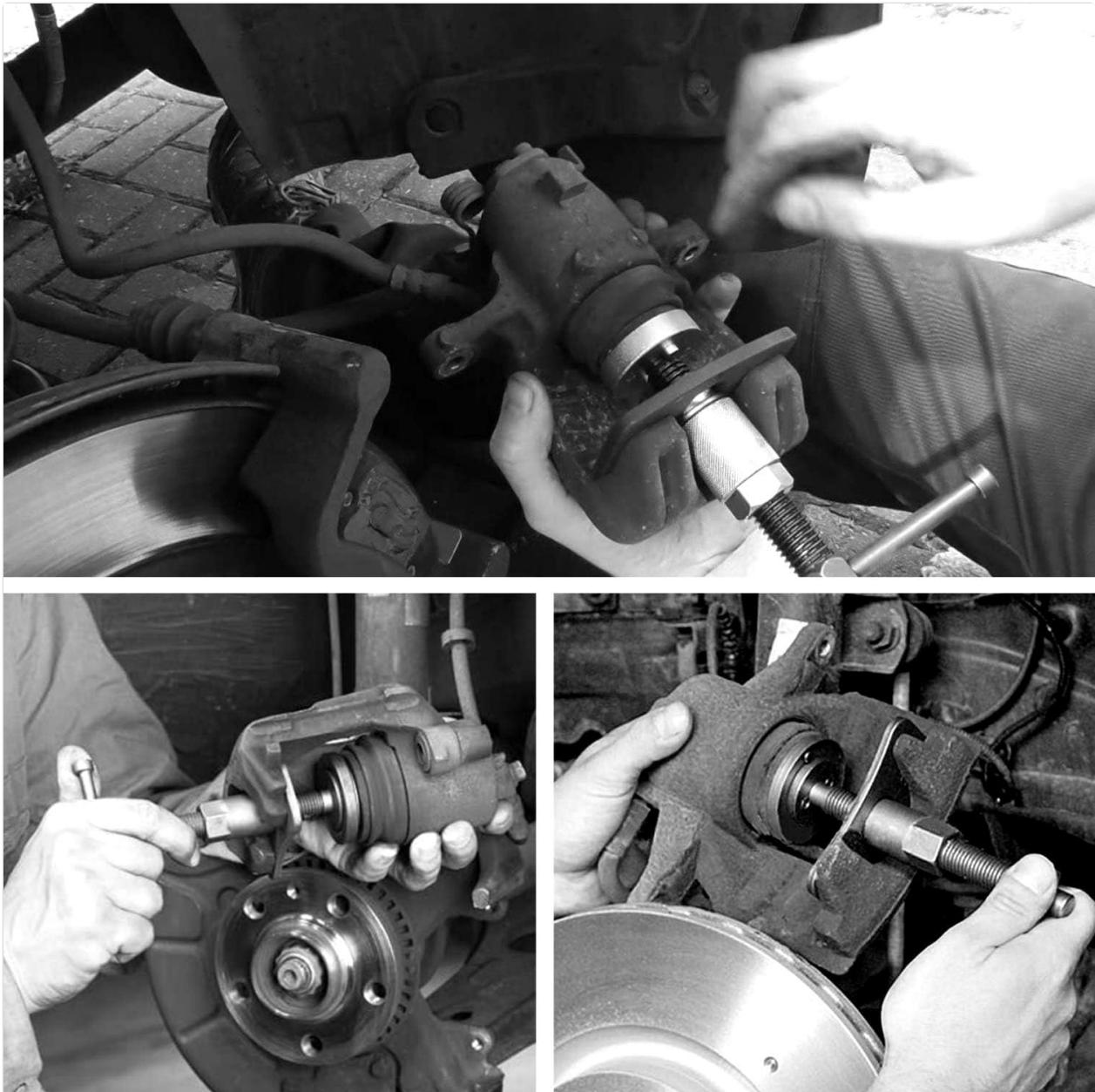


Image 5.1: Various stages of the brake piston reset tool being used to retract a brake piston on a vehicle.

CCILFE Bremskolbenrücksteller



Image 5.2: A user operating the CCLIFE brake piston reset tool to retract a brake piston.

6. MAINTENANCE

Proper maintenance will extend the life of your CCLIFE Brake Piston Reset Tool.

- **Cleaning:** After each use, wipe down the tool with a clean cloth to remove any brake fluid, grease, or dirt.
- **Lubrication:** Periodically apply a light coat of general-purpose lubricant to the threaded shaft to ensure smooth operation.
- **Storage:** Store the tool and its adapters in a dry, clean environment, preferably in its original case, to prevent corrosion and damage.
- **Inspection:** Before each use, inspect the tool for any signs of wear, damage, or bending. Do not use a damaged tool.

7. TROUBLESHOOTING

If you encounter issues while using the tool, consider the following:

- **Piston not retracting or difficult to turn:**
 - Ensure the correct adapter is used and properly engaged with the piston notches.
 - Verify that the caliper slide pins are not seized, preventing the caliper from moving freely.
 - Check for any obstructions or damage to the piston or caliper bore.
 - Confirm the tool's threaded shaft is adequately lubricated.
- **Adapter slipping off the piston:**
 - Re-align the adapter carefully with the piston notches.
 - Ensure the adapter is fully seated before applying significant pressure.
 - The adapter might be incorrect for your specific piston type. Double-check your vehicle's requirements.

8. SPECIFICATIONS

Specification	Value
Brand	CCLIFE
Model	1015
Item Weight	900 g
Product Dimensions (L x W x H)	45 x 34 x 26 cm
Thread Type	Right-hand thread (for piston retraction)



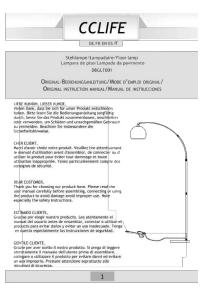
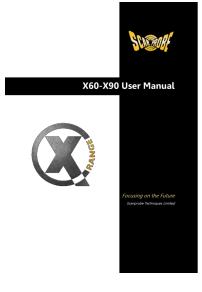
Image 8.1: Dimensional diagram of the CCLIFE brake piston reset tool and its adapters, showing key measurements.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding replacement parts, please contact CCLIFE customer service through the retailer where the product was purchased or visit the official CCLIFE website. Please have your model number (1015) and purchase details available when contacting support.

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Related Documents - 1015

	<p>CCLIFE Inflatable Snowman DABPD007A0180wes User Manual</p> <p>Official user manual for the CCLIFE Inflatable Snowman, model DABPD007A0180wes. Includes safety warnings, usage instructions, troubleshooting, and environmental information.</p>
	<p>CCLIFE DBGLT001 Floor Lamp User Manual and Safety Information</p> <p>Comprehensive user manual for the CCLIFE DBGLT001 Floor Lamp, including safety instructions, parts list, environmental disposal guidelines, and declarations of conformity. Available in multiple languages.</p>
	<p>CCLIFE LED Candles User Manual and Product Information</p> <p>Comprehensive user manual and product information for CCLIFE LED Candles, including operating instructions, safety warnings, and environmental protection guidelines. Features model numbers DKLBK001 and DKLBK005.</p>
	<p>Scanprobe X60-X90 Pipeline Inspection System User Manual</p> <p>Comprehensive user manual for the Scanprobe X60-X90 Pipeline Inspection Coiler systems, detailing setup, operation, safety, maintenance, and specifications for CCTV pipeline surveys.</p>



[CAT Piston Pump Service Manual: Installation, Maintenance, and Troubleshooting](#)

This comprehensive service manual from CAT PUMPS provides detailed instructions for the installation, operation, maintenance, and troubleshooting of various CAT Piston Pump models. It includes step-by-step repair guides, torque specifications, and preventative maintenance schedules.