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› CCLIFE 200cc Fluid Extractor and Transfer Pump Model 9052 Instruction Manual

CCLIFE 9052

CCLIFE 200cc Fluid Extractor and Transfer Pump Instruction Manual

Model: 9052

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and care of your CCLIFE 200cc Fluid Extractor and Transfer Pump, Model 9052. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage or injury. Keep this manual for future reference.

2. PRODUCT COMPONENTS

The CCLIFE 200cc Fluid Extractor and Transfer Pump comes with the following components:



Figure 2.1: Overview of the CCLIFE 200cc Fluid Extractor and Transfer Pump and its accessories, including the main pump body, two hoses, and four spare O-rings.

- **Pump Body:** Transparent cylinder with 200cc capacity, featuring a piston and lever mechanism.
- **Piston with Double Rubber Rings:** Ensures strong suction and prevents leaks.
- **Thickened Lever:** Designed for comfortable and efficient operation.
- **Built-in Spring:** Provides consistent suction and leak-free performance.
- **Two Hoses:** One Ø 6 mm and one Ø 8 mm outer diameter, both 42 cm in length, for various applications.
- **Anti-drip Lid:** Prevents spills when the pump is not in use.
- **Silicone Connectors:** For secure hose attachment.
- **Spare O-rings:** Four replacement O-rings for maintenance.



Figure 2.2: Close-up view highlighting key components such as the hoses, anti-drip lid, silicone connectors, double rubber rings on the piston, and the thickened lever with a frosted, non-slip grip.

3. SPECIFICATIONS

Feature	Specification
Model	9052
Capacity	200cc
Hose Outer Diameter	Ø 6 mm & Ø 8 mm
Hose Length	42 cm
Pump Length	29 cm

Feature	Specification
Item Weight	240 g
Materials	High-quality, durable plastic with carbon steel lever and rubber seals
Applications	Engine oil, transmission oil, brake fluid, coolant, water, etc.



Figure 3.1: Visual representation of the pump's 200cc capacity and 29cm length, along with the 42cm length of the hoses and their 6mm and 8mm widths.

CARBON STEEL LEVER

Durable and non-deformable



DOUBLE SAFETY PROTECTION

2 rubber rings for double protection

BUILT-IN SPRING

Strong suction & leak free



Figure 3.2: Detailed view of the pump's robust internal construction, including the durable carbon steel lever, double rubber rings for enhanced sealing, and the built-in spring mechanism for efficient fluid transfer.

4. SAFETY INSTRUCTIONS

- Always wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when handling automotive fluids.
- Ensure the work area is well-ventilated to avoid inhaling fumes from fluids.
- Do not use this pump with highly corrosive, flammable, or volatile liquids such as gasoline or strong acids, as this may damage the pump or create a safety hazard.
- Dispose of used fluids responsibly according to local environmental regulations.
- Keep the pump and fluids out of reach of children and pets.
- Inspect the pump and hoses for any damage or wear before each use. Do not use if damaged.

5. SETUP

1. Select the appropriate hose (Ø 6 mm or Ø 8 mm) for your application.
2. Attach the chosen hose to the pump's inlet port. To do this, press the blue lock button on the top of the hose connector, insert the hose firmly, and then release the button to secure it.
3. Ensure the connection is secure to prevent leaks during operation.

PRESS THE BUTTON ON THE TOP OF THE HOSE TO INTRODUCE OR TAKE OFF



Lock button

Figure 5.1: Illustration demonstrating how to connect or disconnect the hose by pressing the blue lock button on the pump's connector.

6. OPERATING INSTRUCTIONS

6.1. Fluid Extraction

1. Ensure the pump is clean and dry before use.
2. Insert the free end of the hose into the fluid reservoir from which you wish to extract liquid. Ensure the hose reaches the bottom or the desired level.
3. Pull the pump's lever handle outwards to create suction. The fluid will be drawn into the pump body.
4. Continue pulling and pushing the lever until the desired amount of fluid is extracted or the pump body is full.
5. Once extracted, remove the hose from the reservoir and transfer the fluid to an appropriate waste container. Use the

anti-drip lid if transporting the pump with fluid inside.



Figure 6.1: Example of using the CCLIFE fluid extractor to remove old brake fluid from a vehicle's master cylinder reservoir.

6.2. Fluid Filling

1. Ensure the pump is clean and free from contaminants, especially if filling with a different type of fluid than previously extracted.
2. Fill the pump body with the desired fluid from a clean source.
3. Insert the free end of the hose into the reservoir you wish to fill.
4. Push the pump's lever handle inwards to dispense the fluid into the reservoir.
5. Monitor the fluid level in the receiving reservoir to avoid overfilling.



Figure 6.2: Example of using the CCLIFE fluid extractor to add new windshield washer fluid to a vehicle's reservoir.

7. MAINTENANCE AND CLEANING

- **Cleaning After Use:** It is crucial to clean the pump thoroughly after each use, especially when switching between different types of fluids. Disassemble the hoses and rinse all components with warm water and a mild detergent. For oil-based fluids, a suitable degreaser may be necessary.
- **Drying:** Ensure all components are completely dry before reassembly and storage to prevent corrosion or residue buildup.
- **O-ring Maintenance:** The integrated double rubber rings are vital for preventing leaks. Periodically inspect them for cracks, hardening, or wear. Replace them with the provided spare O-rings if necessary. Applying a small amount of neutral petroleum jelly (vaseline) to the O-rings before reassembly can help maintain their flexibility and sealing properties. Avoid using petroleum-based lubricants if the pump will be used with water-based fluids.
- **Storage:** Store the pump in a clean, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

- **Poor Suction:**

- Check hose connections: Ensure hoses are securely attached to the pump and fully submerged in the fluid.
- Inspect O-rings: Worn or damaged O-rings can cause air leaks. Replace them if necessary.
- Verify fluid viscosity: Very thick fluids may require more effort or may not be suitable for this pump.

- **Leaks:**

- Tighten hose connections: Ensure all connections are firm.
- Inspect O-rings: Replace any damaged O-rings.
- Check pump body for cracks: If the pump body is cracked, discontinue use and replace the unit.

- **Piston Sticking:**

- Clean the pump: Residue from previous fluids can cause the piston to stick. Thoroughly clean the pump and O-rings.
- Lubricate O-rings: Apply a thin layer of appropriate lubricant (e.g., neutral petroleum jelly) to the O-rings.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact CCLIFE customer service through their official website or the retailer where the product was purchased. Please have your model number (9052) and purchase details ready when contacting support.

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.

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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