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VEVOR YS-0113

VEVOR 1500CC Manual Fluid Extractor Instruction Manual

Model: YS-0113
Brand: VEVOR

Introduction

This instruction manual provides essential information for the safe and effective use of your VEVOR 1500CC Manual Fluid Extractor. Please read this manual thoroughly before operation and retain it for future reference.
The VEVOR 1500CC Fluid Extractor is designed for extracting and refilling various automotive fluids, including engine oil, coolant, brake fluid, and transmission fluid. Its manual pump operation requires no external power source, making it suitable for a wide range of applications in cars, trucks, motorcycles, boats, and lawn equipment.

Safety Information

- 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 the extractor for flammable liquids or corrosive chemicals that are incompatible with PE material.
- Dispose of used fluids responsibly according to local environmental regulations.
- Keep the device out of reach of children.
- Do not overfill the reservoir. Monitor fluid levels during operation.
- Ensure all connections are secure before operating the pump to prevent leaks.

Package Contents

Verify that all items listed below are present in your package:

- 1 x Fluid Extractor (Main Unit)
- 1 x Syringe Barrel
- 3 x Female Couplers
- 1 x Inner Suction Tube
- 3 x Male Couplers

- 1 x Hose Clamp
- 1 x User Manual (This document)
- 1 x Rubber Pad



Image: All components included with the VEVOR 1500CC Fluid Extractor, including the main extractor unit, various hoses, couplers, and

accessories.

Setup

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Inspect for Damage:** Check all parts for any signs of damage during shipping. Do not use if damaged.
3. **Assemble Hoses and Couplers:**
    - Select the appropriate male and female couplers and hoses for your application.
    - Connect the chosen hose to the suction port of the fluid extractor. Ensure a secure, airtight connection.
    - Attach the necessary extension tubes or couplers to the end of the hose for reaching the fluid reservoir.



Image: A selection of multi-size adapters, including female couplers and three types of male couplers, designed for various fluid extraction needs.

4. **Prepare the Extractor:** Ensure the twist-seal spout is in the closed position when not actively extracting or dispensing to maintain an airtight seal.

Operating Instructions

Fluid Extraction

1. **Position the Vehicle/Equipment:** Ensure the vehicle or equipment is on a level surface and the engine is off and cooled down, unless specified otherwise by the vehicle manufacturer for fluid checks.

2. **Insert Suction Tube:** Insert the appropriate suction tube into the fluid reservoir (e.g., dipstick tube for engine oil) until it reaches the bottom or the recommended extraction level.
3. **Connect to Extractor:** Connect the other end of the suction tube to the fluid extractor's inlet port. Ensure all connections are tight.
4. **Begin Extraction:** Operate the manual pump handle to create a vacuum and draw fluid into the extractor's reservoir. Pump steadily until the desired amount of fluid is extracted or the reservoir is full.

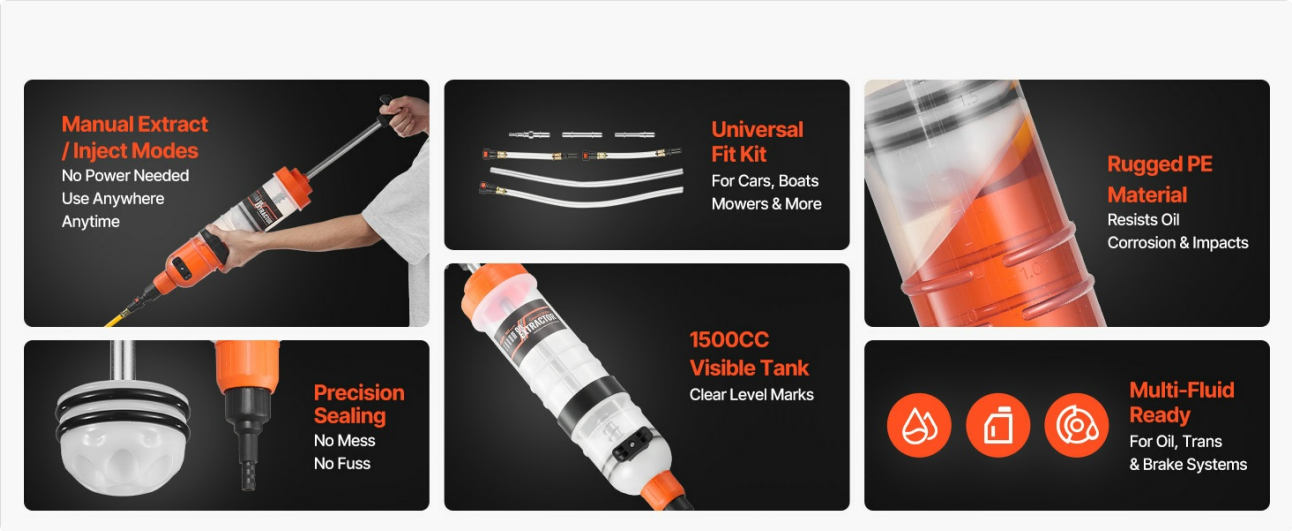

Image: Demonstrates the two-way manual pump function, showing extraction of waste oil into a container and dispensing new oil into an engine.

5. **Monitor Fluid Level:** The semi-transparent reservoir allows you to monitor the extracted fluid volume. Do not exceed the maximum capacity of 1500cc (1.5L).
6. **Disconnect:** Once extraction is complete, close the twist-seal spout, then carefully disconnect the suction tube from the reservoir.
7. **Dispose of Fluid:** Transfer the extracted fluid to an appropriate waste container for proper disposal.

Fluid Dispensing (Refilling)

The two-way pump design also allows for dispensing fluids.

1. **Fill Extractor:** Fill the extractor with the new fluid to be dispensed.
2. **Connect to Reservoir:** Connect the appropriate hose and coupler to the vehicle's fluid fill port.
3. **Dispense Fluid:** Operate the manual pump handle to push the fluid from the extractor into the vehicle's reservoir. Monitor the fill level in the vehicle.
4. **Disconnect:** Once dispensing is complete, close the twist-seal spout and carefully disconnect the hose.

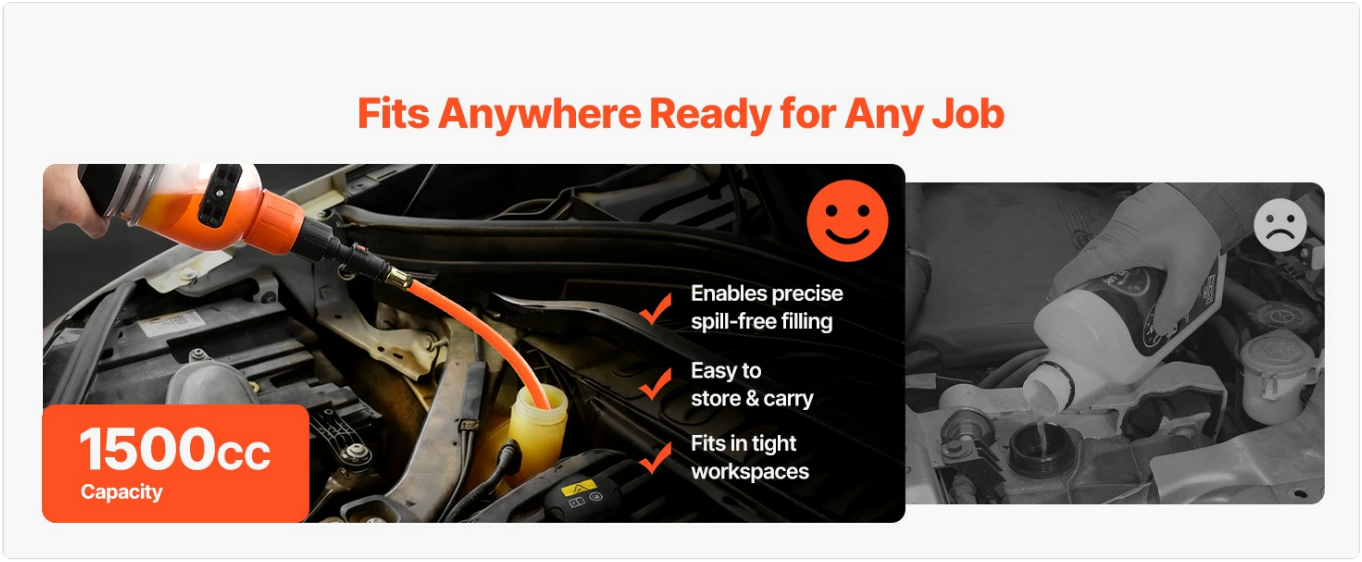

Image: A visual guide showing four steps for a clean oil change: connecting the hose, connecting the extended tube, starting extraction/injection, and removing the tube.

Maintenance

- **Cleaning:** After each use, especially when switching fluid types, clean the reservoir, hoses, and couplers thoroughly with an appropriate cleaning agent to prevent cross-contamination.
- **Inspection:** Regularly inspect hoses, couplers, and the main unit for cracks, wear, or damage. Replace any damaged components immediately.
- **Storage:** Store the fluid extractor in a clean, dry place away from direct sunlight and extreme temperatures. Ensure the twist-seal spout is closed to prevent dust and debris from entering.
- **Seal Integrity:** The dual rubber piston rings are crucial for an airtight seal. Ensure they are clean and free from debris. If suction performance degrades, inspect these seals for wear.

Troubleshooting

Problem	Possible Cause	Solution
No suction or weak suction	◦ Loose connections ◦ Damaged or worn rubber seals ◦ Hose blockage ◦ Twist-seal spout not fully closed	◦ Check and tighten all hose and coupler connections. ◦ Inspect and replace rubber piston rings if worn or damaged. ◦ Clear any obstructions from the hoses or suction tube. ◦ Ensure the twist-seal spout is securely closed.
Fluid leaks during operation	◦ Loose connections ◦ Damaged hose or reservoir ◦ Overfilling the reservoir	◦ Check and tighten all connections. ◦ Inspect hoses and reservoir for cracks or damage; replace if necessary. ◦ Ensure fluid level does not exceed the 1500cc mark.

Problem	Possible Cause	Solution
Difficulty inserting suction tube	◦ Incorrect tube size ◦ Obstruction in the fluid port	◦ Select a smaller diameter suction tube. ◦ Check the fluid port for any blockages.

SPECIFICATIONS

Feature	Detail
Model Number	YS-0113
Capacity	1500 cc (1.6 QT / 1.5 L)
Discharge Method	Manual Syringe-Type Injection
Main Material	PE (Polyethylene)
Product Weight	1.9 lbs / 0.85 kg
Product Dimensions	Ø3.88 x 22.24 inches (Ø98.5 x 565 mm)
Compatibility	Engine oil, coolant, brake fluid, transmission fluid for cars, trucks, motorcycles, boats, lawn equipment.



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Product Size: Ø3.88 × 22.24 in/Ø98.5 × 565 mm
Accessories: 1 x Syringe Barrel、3 x Female Couplers
1 x Inner Suction Tube、3 x Male Couplers、1 x Hose Clamp
1 x Rubber Pad、1 x User Manual

Image: Detailed product specifications and a visual representation of the VEVOR 1500CC Fluid Extractor and its components.

Warranty and Support

For warranty information or technical support, please refer to the official VEVOR website or contact VEVOR customer service directly. Keep your purchase receipt as proof of purchase.
VEVOR Official Website: www.vevor.com

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