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Omega PO-10

Omega Mechanix PO-10 Oil Recycling Reservoir User Manual

Model: PO-10 | Capacity: 10 Liters

1. Introduction

Thank you for choosing the Omega Mechanix PO-10 Oil Recycling Reservoir. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your new oil recycling reservoir. Please read this manual thoroughly before operating the device and retain it for future reference.

The PO-10 is designed for the clean and efficient collection and temporary storage of used automotive fluids, such as engine oil, transmission fluid, and coolant, facilitating responsible recycling.

2. Safety Information

Always observe the following safety precautions when using the PO-10 Oil Recycling Reservoir:

- Wear appropriate personal protective equipment (PPE), including gloves and eye protection, when handling used fluids.
- Ensure the reservoir is placed on a stable, level surface before use to prevent spills.
- Do not overfill the reservoir. The maximum capacity is 10 liters.
- Do not use the reservoir for highly corrosive chemicals or flammable liquids other than specified automotive fluids.
- Keep out of reach of children and pets.
- Dispose of used fluids according to local environmental regulations.
- Clean the reservoir thoroughly after each use to prevent contamination and maintain longevity.

3. Product Overview

The Omega Mechanix PO-10 Oil Recycling Reservoir is a durable, low-profile container designed for easy collection and transport of used automotive fluids. Key features include:

- **10-Liter Capacity:** Sufficient for most standard vehicle oil changes.

- **Large Drain Pan:** Wide collection area to minimize spills.
- **Sealed Design:** Prevents leaks during transport and storage.
- **Integrated Handles:** For easy carrying and pouring.
- **Vent and Drain Plugs:** Securely sealed openings for filling and emptying.



Figure 3.1: Overall view of the Omega Mechanix PO-10 Oil Recycling Reservoir, showcasing its compact and robust design.



Figure 3.2: Top view of the PO-10 reservoir, showing the main drain pan, yellow vent plug, and yellow drain plug. The product label indicates a 10-liter capacity.



Figure 3.3: Angled view of the PO-10 reservoir, highlighting its low-profile design and integrated handles for portability and ease of use.

4. Setup

Before first use, ensure the reservoir is clean and free of any debris from manufacturing or packaging. No assembly is required for the PO-10 reservoir.

1. **Inspect the Reservoir:** Check for any signs of damage, cracks, or missing plugs. Do not use if damaged.
2. **Ensure Plugs are Secure:** Verify that both the yellow vent plug and the yellow drain plug are securely tightened before use to prevent leaks.
3. **Prepare Work Area:** Place the reservoir on a flat, stable surface directly beneath the fluid drain point of the vehicle. Ensure sufficient clearance.

5. Operating Instructions

Follow these steps for collecting and transporting used fluids:

1. **Position the Reservoir:** Slide the PO-10 reservoir directly under the vehicle's drain plug, ensuring the large collection pan is centered to catch all draining fluid.
2. **Open Vent Plug:** Loosen or remove the yellow vent plug (smaller plug) to allow air to escape as fluid enters, preventing gurgling and splashing.
3. **Drain Fluid:** Carefully remove the vehicle's drain plug and allow the fluid to drain completely into the reservoir's collection pan.
4. **Monitor Fill Level:** Do not exceed the 10-liter capacity. The reservoir is designed to hold the fluid within its

sealed body once collected.

5. **Secure After Draining:** Once draining is complete, replace the vehicle's drain plug. Then, securely tighten the yellow vent plug on the reservoir.
6. **Transport:** Use the integrated handles to carefully lift and transport the sealed reservoir to an authorized recycling center. Ensure the reservoir remains upright during transport to prevent spills.
7. **Emptying the Reservoir:** At the recycling center, place the reservoir on a stable surface. Position the pouring spout (with the larger yellow drain plug) over the collection container. Remove the yellow drain plug and the yellow vent plug to allow the fluid to flow out smoothly.

6. Maintenance

Proper maintenance ensures the longevity and effectiveness of your PO-10 reservoir:

- **Cleaning:** After emptying, rinse the reservoir with a small amount of fresh oil or an appropriate cleaning solution to remove residual contaminants. Ensure it is thoroughly drained.
- **Storage:** Store the reservoir in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure both plugs are securely tightened during storage.
- **Inspection:** Periodically inspect the reservoir for cracks, damage, or wear on the plugs. Replace if any damage is found to prevent leaks.

7. Troubleshooting

Problem	Possible Cause	Solution
Fluid not draining smoothly into reservoir.	Vent plug is not open.	Ensure the yellow vent plug is loosened or removed during fluid collection.
Reservoir leaking during transport.	Plugs not securely tightened; Reservoir is damaged.	Ensure both yellow plugs are fully tightened. Inspect for cracks and replace if damaged.
Difficulty emptying reservoir.	Vent plug not open during emptying.	Remove both the yellow drain plug and the yellow vent plug to allow air flow for smooth emptying.

8. Specifications

- **Model:** PO-10
- **Capacity:** 10 Liters
- **Material:** Durable Plastic
- **Dimensions (Approximate):** 22.91 x 12.83 x 6.1 inches (58.2 x 32.6 x 15.5 cm)*(Based on Package Dimensions)*
- **Weight (Empty):** 2.25 Pounds (1.02 kg)

9. Warranty and Support

For information regarding warranty coverage or technical support for your Omega Mechanix PO-10 Oil Recycling Reservoir, please refer to the product packaging or contact Omega customer service directly. Contact details are typically provided with the product at the time of purchase or can be found on the official Omega website.

Please have your model number (PO-10) and purchase details ready when contacting support.

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