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Aramox Aramoxoui874v1n3

Aramox Antifreeze Coolant Hydrometer Tester User Manual

Model: Aramoxoui874v1n3 | Brand: Aramox

1. Product Overview

The Aramox Antifreeze Coolant Hydrometer Tester is a specialized tool designed for quickly and accurately assessing the condition of your vehicle's cooling system. This device helps determine the protective freezing point of the coolant in winter and its boiling point in summer, crucial for preventing mechanical failures and engine damage due to extreme temperatures.

Constructed from high-quality ABS material, this tester features an easy-to-read dial calibrated in both Celsius (°C) and Fahrenheit (°F), ensuring precise measurements. Its lightweight and portable design makes it a convenient tool for any automotive enthusiast or professional.



Figure 1.1: The Aramox Antifreeze Coolant Hydrometer Tester.

2. Package Contents

Upon opening the package, please verify that all components are present and undamaged.

- 1 x Aramox Antifreeze Coolant Hydrometer Tester

3. Setup and Preparation

Before using the coolant tester, ensure your vehicle's engine is cool to the touch to avoid burns from hot coolant or steam. Locate the radiator cap or coolant reservoir cap.

1. Ensure the vehicle's engine is completely cool. Never open the radiator cap or coolant reservoir cap when the

engine is hot.

2. Carefully remove the radiator cap or coolant reservoir cap.
3. Inspect the tester for any visible damage or blockages in the hose or bulb.

4. Operating Instructions

Follow these steps to accurately test your vehicle's coolant:

1. Insert the hose end of the tester into the coolant in the radiator or reservoir. Ensure the hose is fully submerged in the coolant.



Figure 4.1: Inserting the tester hose into the coolant reservoir.

2. Squeeze the rubber bulb firmly to expel air, then release it slowly to draw coolant into the tester's chamber. Fill the chamber until the float is suspended freely.



Figure 4.2: Squeezing the rubber bulb to draw coolant.

3. Hold the tester vertically at eye level. Read the scale where the liquid level aligns with the float. The scale indicates the freezing point (in °C and °F) and boiling point of the coolant.



Figure 4.3: Close-up of the tester's calibrated scale.

4. After reading, carefully return the coolant to the radiator or reservoir by squeezing the bulb.
5. Replace the radiator cap or coolant reservoir cap securely.

5. Maintenance

Proper maintenance ensures the longevity and accuracy of your coolant tester:

- **Cleaning:** After each use, rinse the tester thoroughly with clean water to remove any coolant residue. Draw clean water into the chamber and expel it several times.
- **Storage:** Store the tester in a clean, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check the rubber bulb and hose for cracks, hardening, or other signs of wear. Replace if necessary.

6. Troubleshooting

If you encounter issues with your coolant tester, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Inaccurate readings	Air bubbles in the sample; dirty tester; damaged float.	Ensure no air bubbles are present; clean the tester thoroughly; inspect the float for damage.
Cannot draw coolant	Hose blocked or kinked; bulb not sealing properly; insufficient coolant level.	Check hose for blockages/kinks; ensure bulb is securely attached; verify coolant level is adequate.
Float sticks	Tester is dirty; float is damaged.	Clean the tester thoroughly; if float is damaged, replacement may be necessary.

7. Specifications

Feature	Detail
Manufacturer	Aramox
Brand	Aramox
Item Weight	70 g
Product Dimensions (L x W x H)	10 x 10 x 10 cm
Manufacturer Reference	Aramoxoui874v1n3
ASIN	B08BCQF1LM
Material	ABS

8. Warranty and Support

Aramox is committed to providing high-quality products and excellent customer service. This product is backed by a 12-month worry-free refund policy.

For any questions regarding product usage, troubleshooting, or warranty claims, please do not hesitate to contact Aramox customer support. We provide professional services including pre-sales consultation, freight tracking, and after-sales support, and will respond to your inquiries as soon as possible.

You can visit the official Aramox store for more information and support:Aramox Store on Amazon

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