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› Aicevoos AS-NA Brake Fluid Tester Pen Instruction Manual

Aicevoos AS-NA

Aicevoos AS-NA Brake Fluid Tester Pen Instruction Manual

Model: AS-NA

1. INTRODUCTION

The Aicevoos AS-NA Brake Fluid Tester Pen is designed to quickly and efficiently assess the moisture content in automotive brake fluid. This device supports DOT-3, DOT-4, and DOT-5.1 brake fluid types, providing a clear indication of fluid quality through a three-color backlight system and audible alarms. Regular testing of brake fluid helps ensure optimal braking performance and vehicle safety.

Brake Fluid Tester Pen

For Measuring
DOT-3, DOT-4 And DOT-5.1



Image 1.1: The Aicevoos AS-NA Brake Fluid Tester Pen, designed for measuring DOT-3, DOT-4, and DOT-5.1 brake fluid.

2. PRODUCT FEATURES

- **Wide Application:** Compatible with DOT-3, DOT-4, and DOT-5.1 brake fluids.

- **Easy to Use:** Simple control panel and fast detection process.
- **Clear Indication:** Three-color backlight (Green, Yellow, Red) and audible alarm for easy interpretation of results.
- **High Sensitivity Probe:** Equipped with an advanced precision sensor for accurate measurements.
- **Portable Design:** Compact and lightweight for easy carrying.
- **Automatic Power Off:** Device automatically powers off after 5 minutes of inactivity to conserve battery.



Image 2.1: Overview of the Aicevoos Brake Fluid Tester Pen's key features, including its high sensitivity probe, audible and visual alarm, three-color backlighting, and automatic switch-off function.

3. SETUP

3.1 Battery Installation

The Aicevoos AS-NA Brake Fluid Tester Pen requires 2 AAA 1.5V batteries (included). To install or replace batteries:

1. Locate the battery compartment on the device.
2. Open the compartment cover.
3. Insert the 2 AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Brake Fluid Type Selection

1. Press the power button (**U**) to turn on the device. The screen will illuminate.
2. Press the 'S' button to cycle through the brake fluid types (DOT3, DOT4, DOT-5.1) until the desired type is displayed.
3. The device will automatically power off after 5 minutes of inactivity.

Function Key

Support Dot3/Dot4/Dot5.1
Different Brake Fluid



DOT3.0



DOT4.0



DOT5.1

Image 4.1: The function key ('S') used for selecting the brake fluid type (DOT3, DOT4, DOT5.1) before testing.

4.2 Testing Procedure

Follow these steps to accurately test your brake fluid:

1. Ensure the metal probe is clean and dry before each test.

2. Carefully immerse the entire metal part of the testing head into the brake fluid reservoir.
3. Hold the probe in the fluid for approximately 3 seconds to allow the reading to stabilize.
4. Observe the display and the color of the backlight for the moisture content reading.

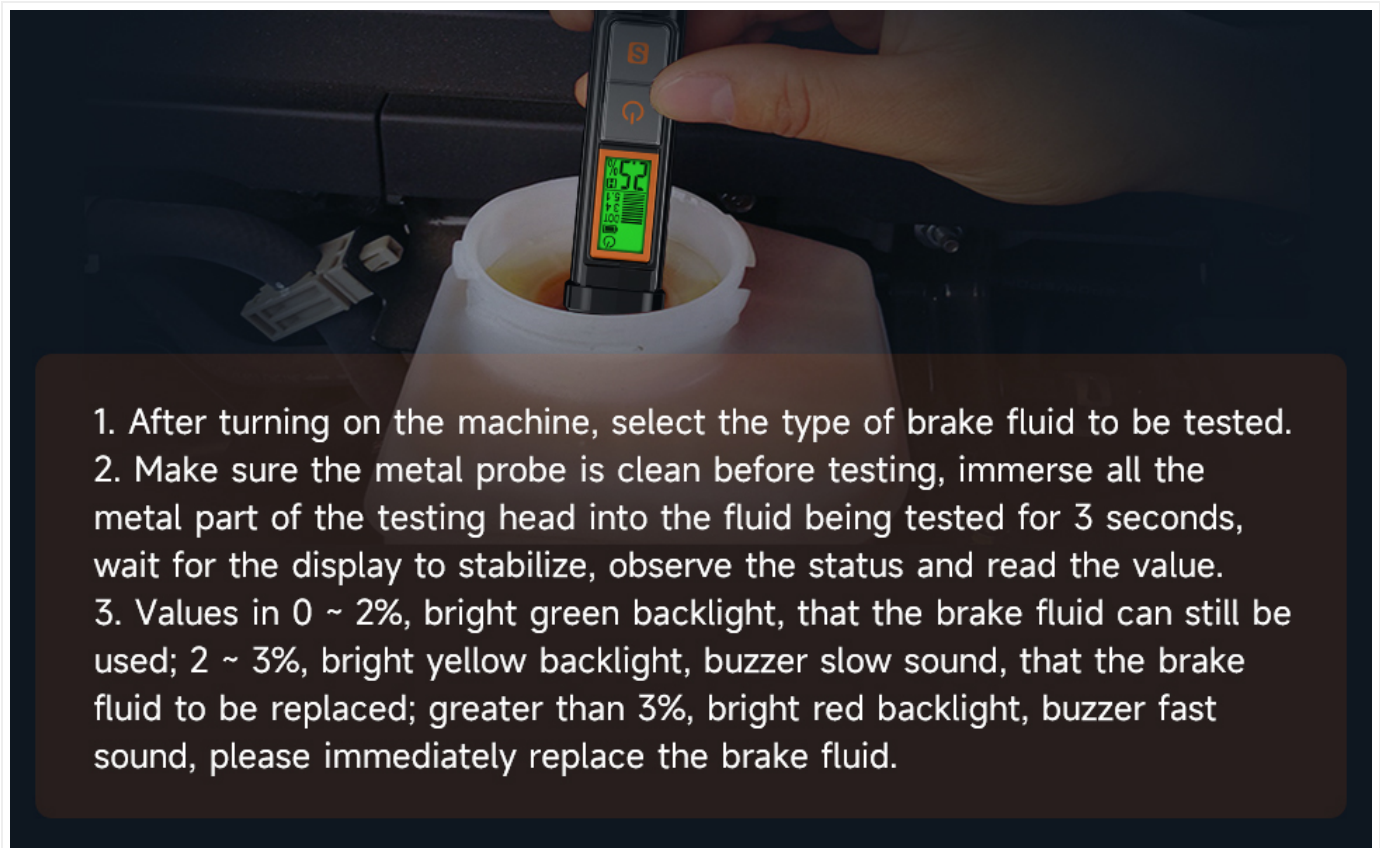


Image 4.2: Demonstrates the brake fluid tester pen being used to test fluid in a vehicle's reservoir. The green display indicates a healthy fluid level.

4.3 Interpreting Results (Three-Color Backlight System)

The tester provides visual and audible indications of brake fluid quality:

- **Green Backlight (0% - 2% moisture):** The brake fluid is in good condition and ready for use.
- **Yellow Backlight (2% - 3% moisture):** The brake fluid is beginning to degrade. A slow audible buzzer will sound, indicating that the brake fluid needs to be changed soon.
- **Red Backlight (Greater than 3% moisture):** The brake fluid is severely degraded and requires immediate replacement. A rapid audible buzzer will sound.

Audible And Visual Alarm

Three-Color Backlighting



Green



Yellow



Red

Image 4.3: Visual representation of the three-color backlight system: Green for good fluid, Yellow for fluid needing attention, and Red for fluid requiring immediate replacement.

Three-Color Backlighting



The data is between 0% and 2%, and the screen is bright green backlight, indicating that the brake oil can still be used.



The data is 2~3%, the screen is bright yellow backlight, and the buzzer makes a slow sound, indicating that the brake oil needs to be replaced.



If the data is greater than 3%, the screen will light up with red backlight, and the buzzer will make a rapid sound. Please replace the brake oil immediately.



Image 4.4: Detailed infographic explaining the moisture percentage ranges for each backlight color (Green: 0-2%, Yellow: 2-3%, Red: >3%) and the corresponding action required.

5. MAINTENANCE

5.1 Cleaning the Probe

To ensure accurate readings and prolong the life of your tester, clean the metal probe after each use:

1. After testing, wipe the probe thoroughly with a clean, dry cloth.
2. Ensure no brake fluid residue remains on the probe tips.
3. Store the device in a dry place.

6. TROUBLESHOOTING

- **Inaccurate Readings:** Ensure the probe is clean and dry before each test. Verify that the correct brake fluid type (DOT3, DOT4, or DOT-5.1) is selected on the device. Ensure the probe is fully immersed in the fluid.
- **Device Not Powering On:** Check if the AAA batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **No Display/Flickering Display:** This may indicate low battery power. Replace the batteries.
- **No Audible Alarm:** Ensure the device is functioning correctly and the moisture level is within the yellow or red range.

7. SPECIFICATIONS

Feature	Detail
Product Name	Brake Fluid Tester AS-NA

Feature	Detail
Brake Oil Type Compatibility	DOT3, DOT4, DOT5.1
Moisture Detection Range	0% ~ 4%
Accuracy	± 0.3%
Alarm Mode	Visual And Audible
Auto Power Off	Yes (after 5 minutes)
Battery Requirements	2 x AAA 1.5V (included)
Item Weight	4.2 ounces
Package Dimensions	9.96 x 2.72 x 1.69 inches

Product Name	Brake Fluid Tester AS-NA
Brake Oil Type	DOT3/DOT4/DOT5.1
Moisture Detection Range	0%~4%
Accuracy	± 0.3%
Alarm Mode	Visual And Audible
Auto Power Off	√
Battery	2 x AAA 1.5V

Image 7.1: A detailed chart outlining the technical specifications of the Aicevoos AS-NA Brake Fluid Tester Pen.

8. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not available in the provided product data. Please refer to the product packaging or the manufacturer's official website for details on warranty coverage and how to contact customer 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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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