

Aicevoos AS-NF

Aicevoos AS-NF Brake Fluid Tester Instruction Manual

Model: AS-NF

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of the Aicevoos AS-NF Brake Fluid Tester. This device is designed to accurately measure the water content in various types of brake fluid, helping to determine if a fluid change is necessary. Please read this manual thoroughly before operation.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, such as safety glasses and gloves, when handling brake fluid.
- Brake fluid is corrosive. Avoid contact with skin, eyes, and painted surfaces. In case of contact, rinse immediately with plenty of water.
- Keep the device away from children and pets.
- Do not immerse the entire device in liquid. Only the probe tip should be submerged.
- Ensure the battery compartment is securely closed before use.

3. PRODUCT OVERVIEW

The Aicevoos AS-NF Brake Fluid Tester is a compact, pen-style device featuring a highly sensitive probe for quick and accurate measurements. It supports DOT3, DOT4, and DOT5.1 brake fluid types and provides clear indications through a three-color backlight display and audible alerts. Its ergonomic design ensures comfortable handling during use.



Image 3.1: The Aicevoos AS-NF Brake Fluid Tester featuring its high sensitivity probe. This image highlights the precision sensor designed for accurate fluid analysis.

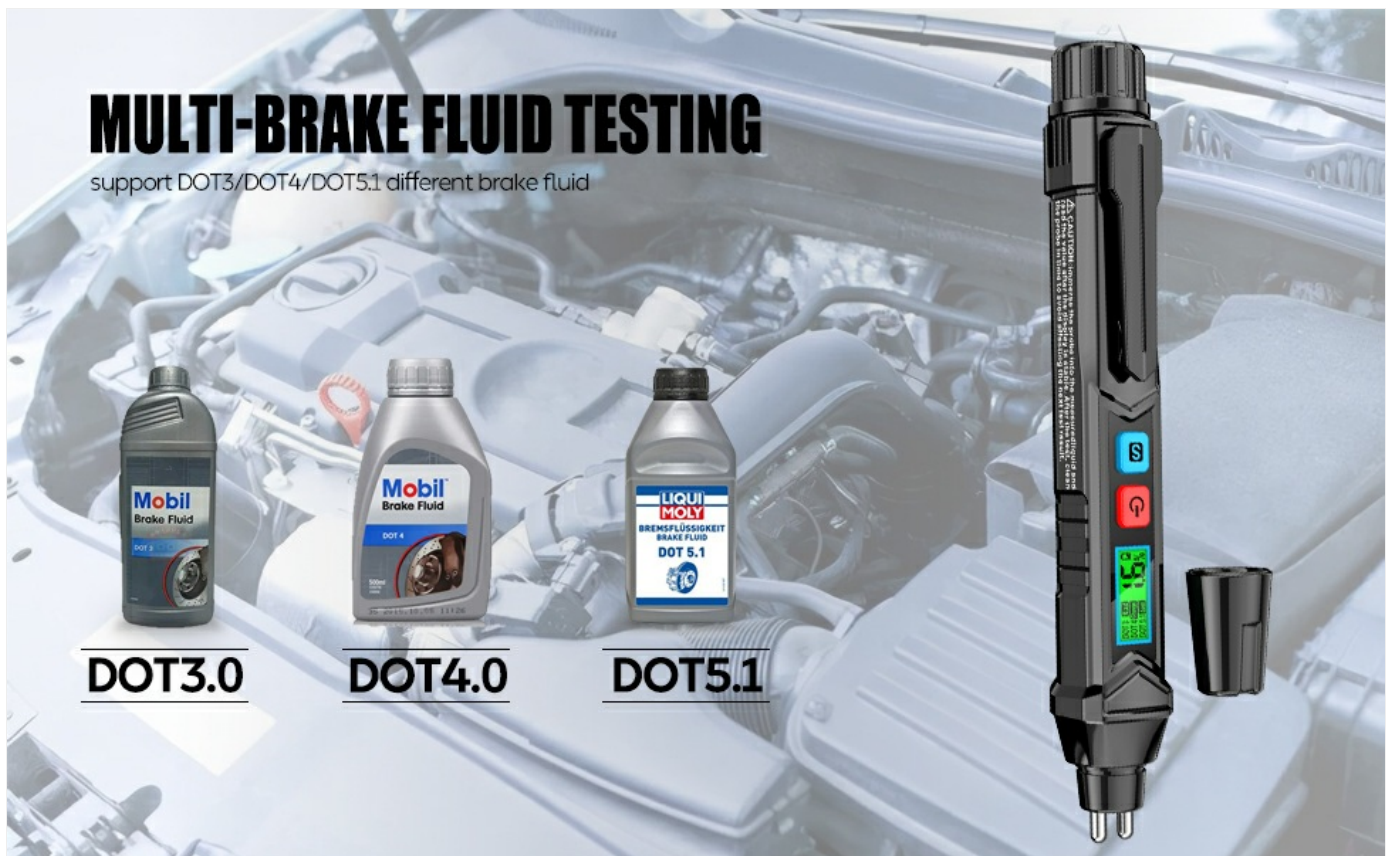


Image 3.2: The tester demonstrating its wide range compatibility with DOT3, DOT4, and DOT5.1 brake fluids.



Image 3.3: The ergonomic design of the Aicevoos AS-NF Brake Fluid Tester, illustrating its comfortable and portable form factor.

4. SETUP

4.1 Battery Installation

The Aicevoos AS-NF Brake Fluid Tester requires batteries (not included). To install:

1. Unscrew the cap at the top of the tester to access the battery compartment.
2. Insert the required batteries, ensuring correct polarity (+/-).
3. Securely screw the cap back on.

4.2 Initial Power On

Press the red power button () to turn on the device. The screen will light up, and the device will perform a self-test.

5. OPERATING INSTRUCTIONS

5.1 Selecting Brake Fluid Type

The tester supports DOT3, DOT4, and DOT5.1 brake fluids. To select the correct type:

1. Turn on the tester.
2. Press the blue 'S' button (S) to cycle through the DOT fluid types (DOT3, DOT4, DOT5.1) displayed on the screen. Select the type corresponding to the brake fluid you are testing.

5.2 Performing a Test

Follow these steps to test your brake fluid:

1. Ensure the engine is off and the vehicle is on a level surface.
2. Locate the brake fluid reservoir. Carefully remove the reservoir cap.
3. Clean the probe tips of the tester with a clean cloth.
4. Carefully dip the probe tips into the brake fluid reservoir, ensuring both probes are fully submerged in the fluid. Do not touch the sides of the reservoir.
5. Wait for the reading to stabilize. The device will display the water content percentage and provide an indication via its backlight and sound.
6. Remove the tester from the fluid and clean the probe tips thoroughly after each use.
7. Replace the brake fluid reservoir cap securely.

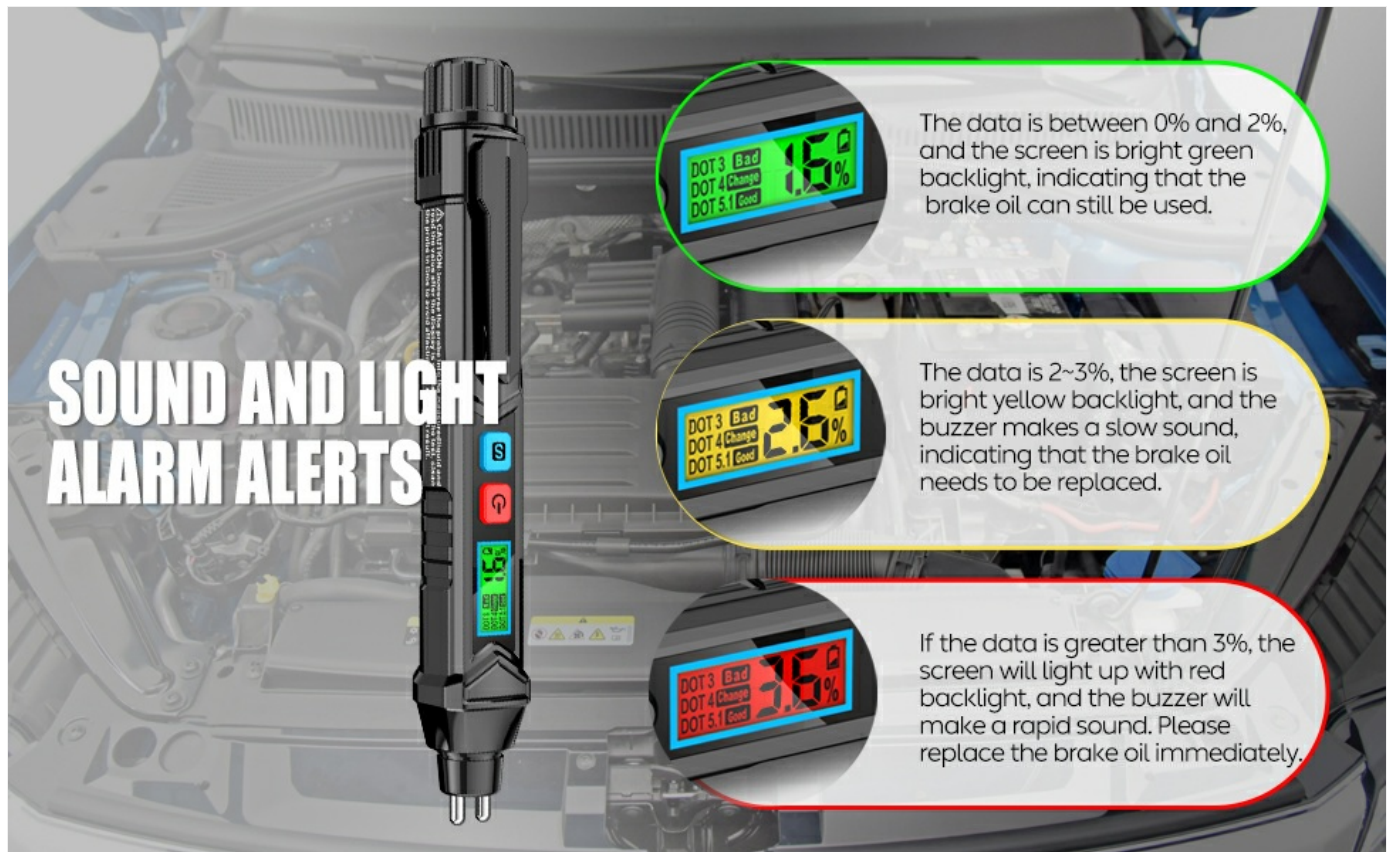


Image 5.1: Visual explanation of the tester's status indicators, showing green for good, yellow for caution, and red for immediate replacement.

5.3 Interpreting Results (Sound and Light Alarms)

The tester provides clear indications based on the water content:

- **0% - 2% Water Content:** The screen backlight will be **green**. This indicates the brake fluid is in good condition and can continue to be used.
- **2% - 3% Water Content:** The screen backlight will be **yellow**, and the buzzer will emit a slow sound. This indicates that the brake fluid is approaching its limit and should be considered for replacement soon.
- **Greater than 3% Water Content:** The screen backlight will be **red**, and the buzzer will emit a rapid sound. This indicates that the brake fluid has excessive water content and must be replaced immediately for safety.

6. MAINTENANCE

- **Cleaning:** After each use, clean the probe tips thoroughly with a dry, clean cloth to remove any brake fluid residue.

Do not use water or solvents on the probe.

- **Storage:** Store the tester in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the cap is securely in place.
- **Battery Replacement:** Replace batteries when the low voltage prompt appears or the device fails to power on.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity or replace with new batteries.
Inaccurate readings.	Probe tips are dirty or not fully submerged. Incorrect fluid type selected.	Clean probe tips. Ensure full submersion. Verify correct DOT fluid type is selected.
No sound alarm.	Device malfunction.	Contact customer support if other functions are working correctly.
Automatic shutdown occurs too quickly.	Low battery voltage.	Replace batteries. The device has an automatic shutdown feature after approximately 5 minutes of inactivity.



Image 7.1: The tester's display indicating automatic shutdown after inactivity and a low battery warning.

8. SPECIFICATIONS

- **Model:** AS-NF

- **Supported Fluid Types:** DOT3, DOT4, DOT5.1
- **Display:** Three-color backlight (Green, Yellow, Red)
- **Alarm:** Sound and Light
- **Automatic Shutdown:** Approximately 5 minutes of inactivity
- **Low Voltage Prompt:** Below 2.6V
- **Automatic Shutdown (Low Voltage):** Below 2.4V
- **Item Weight:** 80 g
- **Package Dimensions:** 18.6 x 4.6 x 2.9 cm

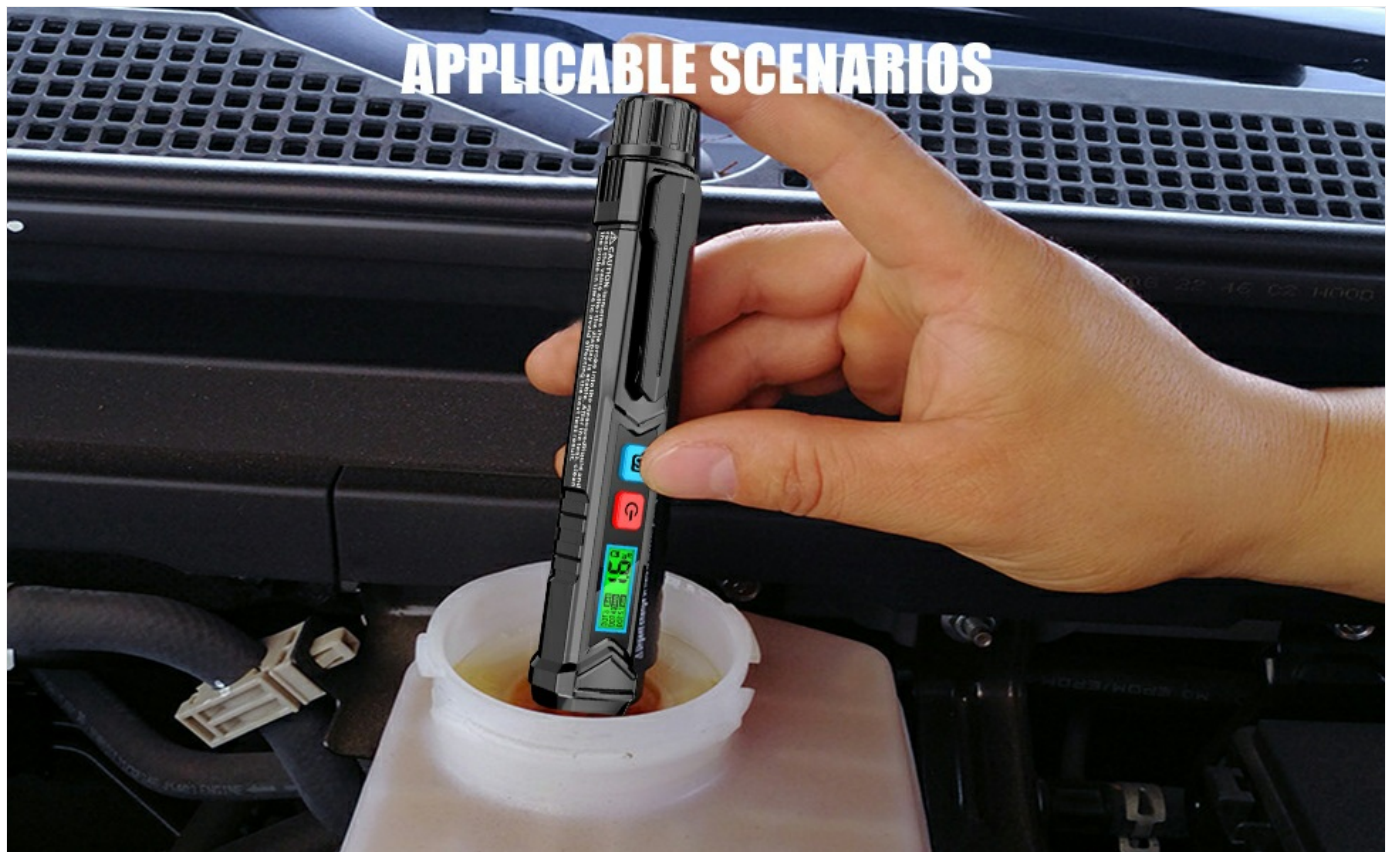


Image 8.1: An overview of the tester's key features and physical dimensions.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Aicevoos website. Keep your purchase receipt as proof of purchase for warranty claims.

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