



AUTOOL AS507 Power Steering Fluid Tester User Manual

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SAFETY RULES


General safety rules

-  Always keep this user manual with the machine.
-  Before using this product, read all the operational instructions in this manual. Failure to follow them may result in electric shock and irritation to skin and eyes.
- Each user is responsible for installing and using the device according to this user manual. The supplier is not responsible for damage caused by improper use and operation.
- This device must only be operated by trained and qualified personnel. Do not operate it under the influence of drugs, alcohol, or medication.
-  This machine is developed for specific applications. The supplier points out that any modification and/or use for any unintended purposes is strictly prohibited.
- The supplier assumes no express or implied warranties or liabilities for personal injury or property damage caused by improper use, misuse, or failure to follow safety instructions.
- This device is intended for use by professionals only. Improper use by non-professionals may result in injury or damage to the tools or work pieces.
-  Keep out of reach of children.
-  When operating, ensure nearby personnel or animals maintain a safe distance. Avoid working in rain, water, or damp environments. Keep the work area well-ventilated, dry, clean, and bright.

Handling

-   Used/damaged device must not be disposed of in household waste but must be disposed of in an environmentally friendly manner. Use designated electrical equipment collection points.
- Used recycling oil and batteries should be treated as hazardous waste, such as at a designated waste collection station.

Electrical safety rules

-  If the device has not been used for a long time or the battery is completely depleted, it may not turn on properly. This is normal.
Please replace the battery before attempting to power on the device.

Equipment safety rules



- Never leave the device unattended while it is powered on. Always turn off the device at the main switch when it is not in use for its intended purpose!
- Do not attempt to repair the equipment yourself.
- Before connecting the device to power, check if the voltage of the power supply battery matches the rated parameters.
Mismatched voltage may pose serious hazards and damage the device.



- It is essential to protect the equipment from rainwater, moisture, mechanical damage, overload, and rough handling.

Application

- Before use, check the power cable, connection hoses, and detection probes for any damage. If there is any damage, do not operate the equipment.
- Use the equipment only in compliance with all safety instructions, technical documents, and vehicle manufacturer specifications.
- After the previous test is completed, be sure to clean and dry the testing probes before the next test.

Personnel protection safety rules

- The test fluid used by the device may be harmful to health, and any contact must be avoided.
- When using oil analysis tester, always wear protective goggles to prevent potential splashes from reaching your eyes. In case of contact, rinse with running water under your open eyelids for several minutes. If symptoms persist, consult a doctor.
- Always wear protective gloves while working to avoid skin contact with the oil. If skin contact occurs, wash immediately with soap and water. Remove any clothing or footwear contaminated with oil immediately.
- If swallowed, seek medical advice immediately.
- Always ensure you have a stable footing to safely control equipment in case of emergencies.

Any other use is considered as exceeding the intended purpose of the equipment and is prohibited.

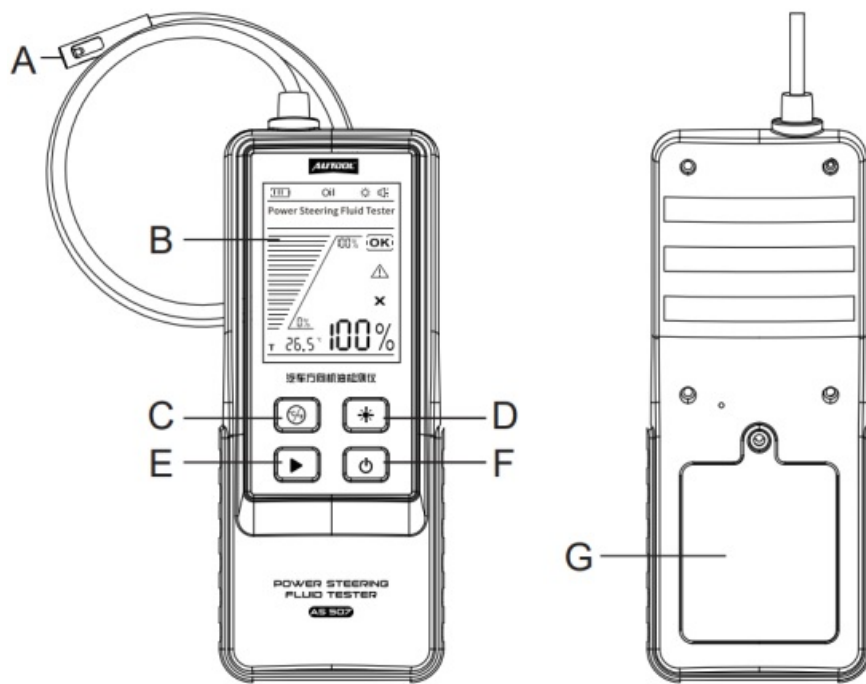
PRODUCT INTRODUCTION





Technical specifications

Operating temperature: **-10°C~60°C**

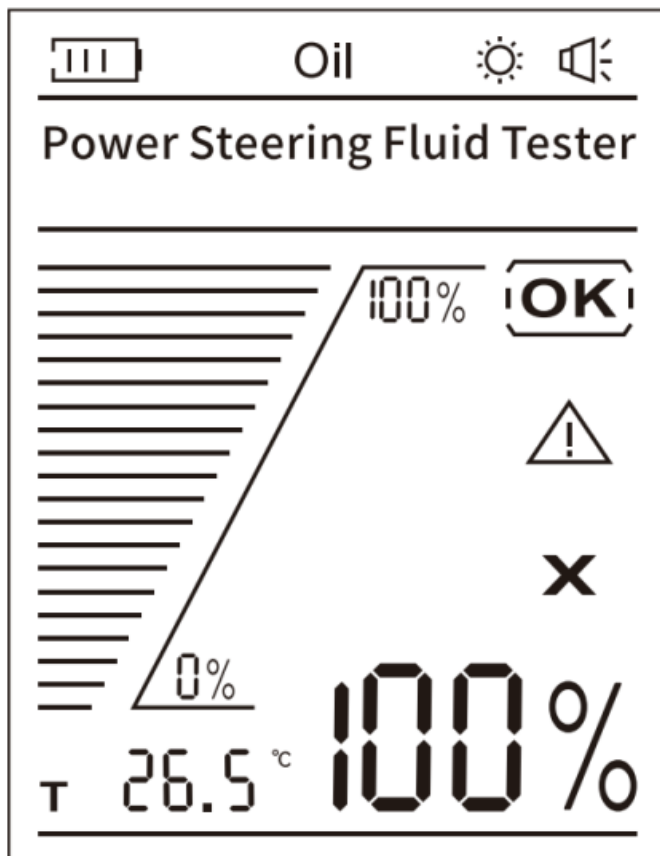
Operating voltage: **6V**

PRODUCT STRUCTURE



A	Probe tip	B	Display screen
C	[] Press to toggle temperature units	D	[] Press to turn on/off the backlight
E	[] Press to test	F	[] Long press to turn on/off the test
G	Battery cover		

INTERFACE DISPLAY

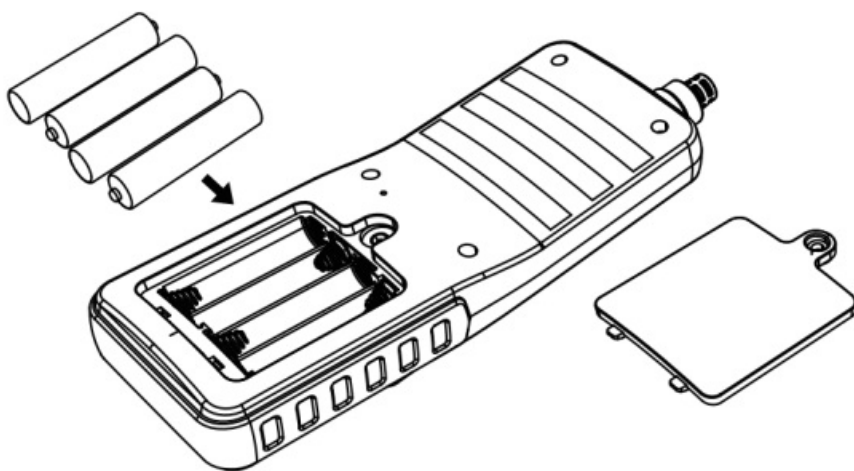


Display	Indication
°C, °F	Temperature unit setting
⚠	Transmittance warning
X	Suggested to replace
OK	Transmittance is good
100%	Steering Fluid Light Transmittance
T	Steering Fluid Measurement Temperature




OPERATIONS INSTRUCTION

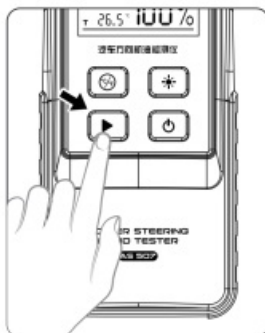
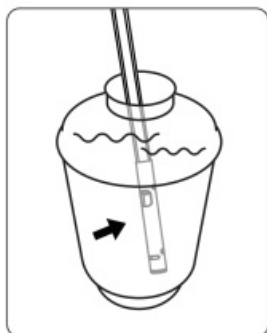
Battery installation






- Before using this product, it is necessary to install four 1.5V AAA batteries.
- Please pay attention to the polarity of the batteries.



Operations

- Press and hold the [] key for more than 2s to power on the tester.
- Press [] to toggle the temperature.
- Insert the testing hose into the steering fluid reservoir of the vehicle, ensuring that the testing probe is fully submerged in the steering fluid.
- Press the [] button to test the light transmittance of the steering fluid.



- The interface will display the transmittance of the steering fluid.
- Indicates [] when the transmittance is >60%, [] when the transmittance is between 60% and 30%, and [] when it is below 30%. [] to indicate the current steering fluid measurement temperature.
- After the measurement is completed, press and hold the [] key for 2s for shutdown the tester.

NOTE

- It is required to clean the testing probe before each test. During testing, ensure that the steering fluid temperature is below 60°C.
- The instrument will automatically power off after 5 minutes of no activity.

MAINTENANCE SERVICE

Our products are made of long-lasting and durable materials, and we insist on perfect production process. Each

product leaves the factory after 35 procedures and 12 times of testing and inspection work, which ensures that each product has excellent quality and performance.

Maintenance

To maintain the performance and appearance of the product, it is recommended that the following product care guidelines be read carefully:

- Be careful not to rub the product against rough surfaces or wear the product, especially the sheet metal housing.
- Please regularly check the product parts that need to be tightened and connected. If found loose, please tighten it in time to ensure the safe operation of the equipment. The external and internal parts of the equipment in contact with various chemical media should be frequently treated with anti-corrosion treatment such as rust removal and painting to improve the corrosion resistance of the equipment and extend its service life.
- Comply with the safe operating procedures and do not overload the equipment. The safety guards of the products are complete and reliable.
- Unsafe factors are to be eliminated in time. The circuit part should be checked thoroughly and the aging wires should be replaced in time. Adjust the clearance of various parts and replace worn (broken) parts. Avoid contact with corrosive liquids.
- When not in use, please store the product in a dry place. Do not store the product in hot, humid, or non-ventilated places.

WARRANTY

- From the date of receipt, we provide a three-year warranty for the main unit and all the accessories included are covered by a one-year warranty

Warranty access

- The repair or replacement of products is determined by the actual breakdown situation of product.
- It is guaranteed that AUTOOL will use brand new component, accessory or device in terms of repair or replacement.
- If the product fails within 90 days after the customer receives it, the buyer should provide both video and picture, and we will bear the shipping cost and provide the accessories for the customer to replace it free of charge. While the product is received for more than 90 days, the customer will bear the appropriate cost and we will provide the parts to the customer for replacement free of charge.

These conditions below shall not be in warranty range

- The product is not purchased through official or authorized channels.
- The product breakdown because the user does not follow product instructions to use or maintain the product.

We AUTOOL pride ourselves on superb design and excellent service. It would be our pleasure to provide you with any further support or services.

Product Usage Statement

Dear Esteemed User, Thank you for selecting our product. Before you begin using it, we kindly ask you to carefully review the following product usage statement:

Data referencing

- Please note that all detection data and results provided by our product are for reference purposes only. Factors such as environmental conditions, operational variables, and device discrepancies may impact the accuracy of the data. While we strive for precision, we cannot guarantee 100% accuracy. Therefore, we advise users not to rely solely on this data for decision-making. It's essential to consider vehicle usage, environmental conditions, and seek professional advice when interpreting the data.

Oil Testing

Please note that our product design and functionality do not encompass the testing of oils with special additives at the time of manufacture. If your oil contains particulate additives or similar substances, our product may not provide accurate readings or may not be suitable. And we recommend seeking professional service or using device specifically designed for testing oils with special additives in such cases.

Limitation of liability

We want to emphasize that our company bears no legal responsibility for any direct, indirect, special, or consequential losses resulting from the use of our product's detection data. This includes economic losses, business disruptions, or data loss. Users are advised to assume the associated risks when using the product.

Product Usage

To ensure optimal performance and longevity, please follow the instructions outlined in the product manual. Our company will not be held liable for any issues arising from misuse, abuse, or failure to adhere to the provided guidelines.

Continuous Improvement

- We hereby retains the prerogative to amend product designs and specifications without prior notification. Consequently, it is advised that the actual appearance and color of the product may deviate from representations delineated in the manual, and therefore, the physical product should be regarded as the definitive reference. While exhaustive efforts have been exerted to ensure the precision of all descriptions within the manual, the possibility of discrepancies cannot be entirely discounted.

By acknowledging and understanding this product usage statement, you agree to its terms and conditions. If you have any questions or concerns, please don't hesitate to reach out to our customer service team for further assistance.

RETURN & EXCHANGE SERVICE

Return & Exchange

If you are an AUTOOL user and are not satisfied with the AUTOOL products purchased from the online authorized shopping platform and offline authorized dealers, you can return the products within seven days from the date of receipt; or you may exchange it for another product of the same value within 30 days from the date of delivery.

Returned and exchanged products must be in fully saleable condition with documentation of the relevant bill of sale, all relevant accessories and original packaging. AUTOOL will inspect the returned items to ensure that they are in good condition and eligible. Any item that does not pass inspection will be returned to you and you will not receive a refund for the item. You can exchange the product through the customer service center or AUTOOL authorized distributors; the policy of return and exchange is to return the product from where it was purchased. If there are difficulties or problems with your return or exchange, please contact AUTOOL Customer Service.

Customer Support

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EU DECLARATION OF CONFORMITY



We as the manufacturer declare that the designated product:

Power Steering Fluid Tester (AS507)

Complies with the requirements of the:

EMC Directive 2014/30/EU

RoHS Directive 2011/65/EU + 2015/863 + 2017/2102

Applied Standards:

EN IEC 55014-1:2021, EN IEC 61000-3-2:2019+A1:2021, EN

61000-3-3:2013+A2:2021, EN IEC 55014-2:2021

IEC 62321-3-1:2013, IEC 62321-7-1:2015, IEC 62321-4:2013+A1:2017, IEC 62321-7-2:2017, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-8:2017
Certificate No.: HS202409277704E, HS202409277706E
Test Report No.: HS202409277704-1ER, HS202409277706-1ER

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Documents / Resources

<div> <div> <div>AUTOOL</div> <div>AUTOOL AS507</div> <div>Power Steering Fluid Tester</div> <div>User Manual</div> </div> <div> </div> </div>	<div> <div> AUTOOL AS507 Power Steering Fluid Tester [pdf] User Manual </div> <div> AS507, AS507 Power Steering Fluid Tester, Power Steering Fluid Tester, Steering Fluid Tester, Fluid Tester </div> </div>
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References

- [Tool Tech](#)
- [autooltech.com](#)
- [User Manual](#)

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