WERKZEUG

Art.78101-WW

Brake Fluid Boiling Point Tester

Information

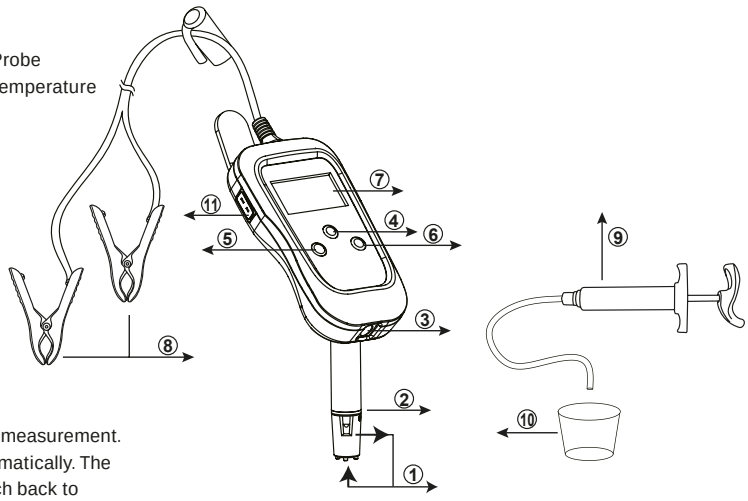
The improved method of testing the water content of brake fluid.
Just 3% of moisture can lower the brake fluid boiling point by over 100°C.
The best way to detect this small water content is to measure the boiling point of the fluid.
The unit incorporates a heater element, LCD display and a power lead for use on 12V dc power supplies.
Includes one brake fluid sucker and measuring cup

Precautions

Always wear safety gear.
Working in a clean and safe environment.
This task should be carried out by trained personnel.
Make sure to consult manufacturers manual.
Do NOT use with air tools.

Instructions

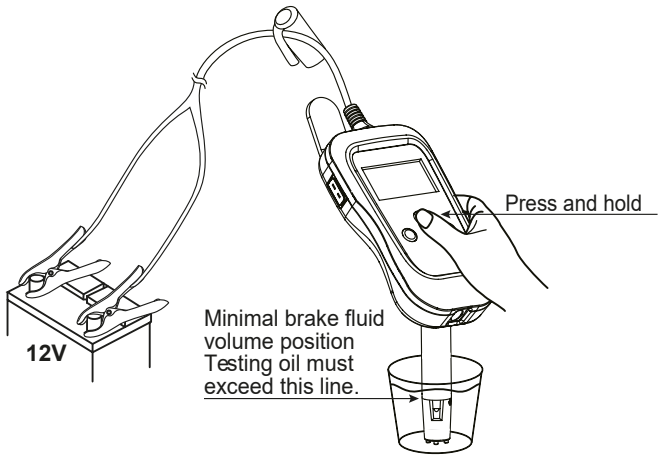
1)Brake fluid cycle path
2)Minimal brake fluid volume position
3)Illumination
4)Start button (Press and hold this button for testing)
5)°C / °F Switch ; Press Instantly: °C / °F Unit Switch
Press & Hold: Switch between Thermocouple / Brake Fluid Testing Probe
6)SAVE Switch ; Press Instantly: Read Five Recently Saved Brake Fluid Boiling Temperature
Press & Hold: Save Current Brake Fluid Boiling Temperature
7)LCD
8)Power clip (Red to positive, black to negative)
9)Brake fluid pipe
10)Measuring cup
11)K-type thermocouple socket



Brake Fluid Testing Instructions

1. Suggest battery voltage between 12 ~ 13V.
2. Make sure power clips are connected tightly with correct polarity before any measurement.
3. When the device connecting with vehicle battery, the device will turn on automatically. The initial function is A; if it is B, press and hold °C / °F switch for 3 seconds to switch back to function A (A shall appear on LCD).
4. Both “Brake fluid cycle paths” must be immersed into the brake fluid. Make sure the brake fluid level is higher than the “Minimal Brake Fluid Volume Position”.
5. Press and hold the “Start Button” to test the brake fluid. Please keep the Brake Fluid Testing Probe perpendicular with the brake fluid during the test.
6. If “wait cool” appears on the LCD, please wait for the heating wire to cool down before next test.
7. User can use the “Brake fluid pipe” to draw some brake fluid into the measuring cup for testing.
8. Wet boiling point is the reference temperature for changing the brake fluid.
9. Dry boiling point is the reference temperature for new brake fluid.
10 Testing accuracy of the tester: ±2%.

Power: 12V automotive battery
Testing current: 5 ~ 7A
Working Environment: 0 ~ 50°C
Measurement range of brake fluid ≤320°C ≤608°F
Measurement range of K-type thermocouple -60°C ~ 500°C -76°F ~ 932°F



1. Use standard K-type thermocouple
2. Measurement range -60°C ~ 500°C

Measuring with Thermocouple

1. Connecting the device with vehicle battery; if the function is A, press and hold °C / °F switch for 3 seconds to switch to function B (B shall appear on LCD).
2. Connecting the K-type thermocouple with the tester to start the measurement.
3. During function B, if K-type thermocouple is not connecting with the device, or if the measured temperature is higher than 500°C, “Hi” will appear on LCD.
4. During function B, if measured temperature is lower than -60°C, “Lo” will appear on LCD.

Warranty

If you are unsure on how to use the item please contact us. If it were to fail due to a manufacturing fault or poor workmanship we will repair or replace it. Please contact your local dealer in the event you need to send the item back. You can also make a repair/replacement request on our website and download & complete the form online. Normal wear and tear along with misuse will void any warranty. Consumables are not covered under warranty.

www.welzh.com

Limited ***12 month*** warranty

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