



INSTRUCTIONS FOR:

# BRAKE FLUID TESTER

MODEL NO: **VS027.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

## 1. SAFETY

### 1.1 GENERAL SAFETY

- X **DO NOT** use the tester to perform a task for which it is not designed.
- X **DO NOT** allow untrained persons to use the tester.
- X **DO NOT** use whilst under the influence of drugs, alcohol or intoxicating medication.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ Keep work area clean and tidy and free from unrelated materials.
- ✓ Ensure the work area has adequate lighting.
- ✓ After use, clean equipment and store in a cool, dry, child proof area.
- ☐ **WARNING!** Brake fluid is flammable - keep away from sources of ignition, including hot surfaces e.g. exhaust manifold.

### 1.2 BRAKE FLUID SAFETY

- ☐ **WARNING!** Brake fluid will damage paintwork. Any spillage should be flushed with water immediately.
- ✓ Always read and comply with the warnings on the brake fluid container.
- ✓ Wear eye protection and keep skin contact to a minimum. If brake fluid enters eyes rinse with plenty of water and seek medical advice. If swallowed seek medical advice immediately.
- ✓ Dispose of waste fluid in accordance with local authority regulations.

## 2. INTRODUCTION

Comparative electrolytic type tester. Checks moisture content of fluid by resistance to electric current. Easily calibrated using new brake fluid. Audible test cycle with three LED read-out. Just insert probe and press button for immediate result. Works on DOT4 and 5.1 specification fluids. Uses 9V battery (not included).

## 3. SPECIFICATION

Model No: ..... **VS027.V2**  
 Moisture Content:  
 Green: ..... <0.5%  
 Yellow: ..... 0.5 - 3.5%  
 Red: ..... >3.5%

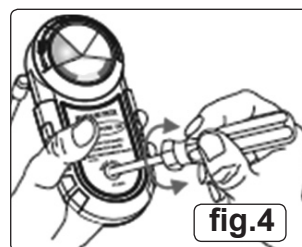
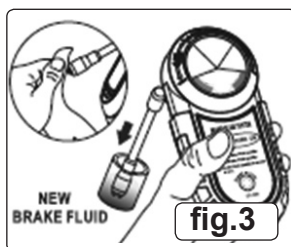
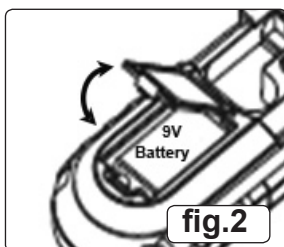
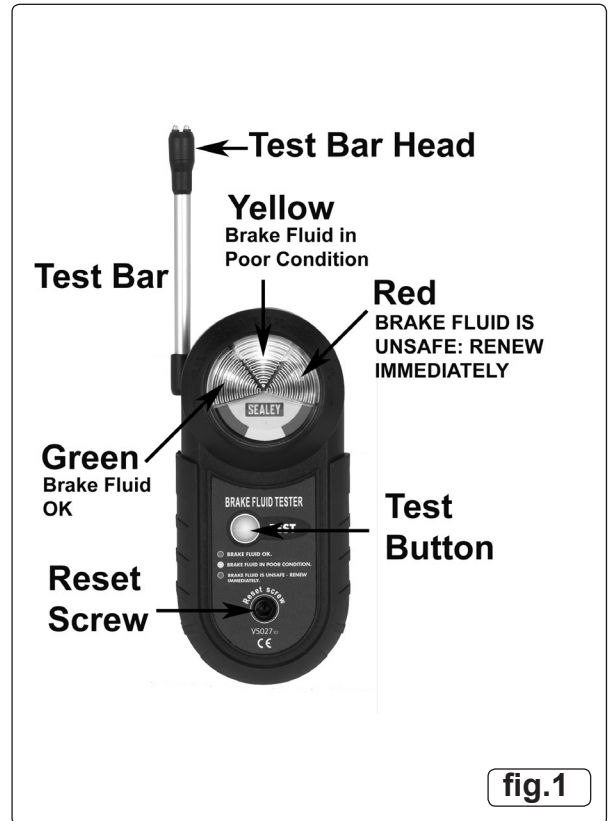
## 4. PREPARATION

### 4.1. Battery Installation/Removal

- 4.1.1. Open the battery compartment in the rear of the tester (fig.2).
- 4.1.2. Insert or remove 9V battery (PP3 or equivalent), observing correct polarity.
- 4.1.3. Close the battery compartment.

### 4.2. Calibration

- 4.2.1. Unfold the test bar.
- 4.2.2. Clean the two probes on the test bar head (fig.3)
- 4.2.3. Dip the test bar head into a sample of fluid drawn from a container which was previously unopened and sealed (fig.3). This is particularly important as this fluid will be used as the reference against which subsequent samples are compared.
- 4.2.4. Press and hold the test button and turn the reset screw anticlockwise fully (fig.4). All the LED's should now be unlit.
- 4.2.5. Turn the reset screw clockwise until the green LED lights. The calibration procedure is now complete.



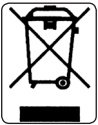
## 5. OPERATION

**NOTE:** This tester is intended to provide a quick indication of the moisture content of brake fluid. For a more precise measure we recommend the use of a device which measures the boiling point of the fluid, such as the sealey VS7021.

- 5.1. Unfold the test bar and dip the head into the brake fluid reservoir.
- 5.2. Press the test button for five seconds and observe the LED indications:  
**GREEN:** Moisture content below 0.5%; brake fluid good.  
**YELLOW:** Moisture content between 0.5% and 3.5%; brake fluid poor. Replacement is recommended. **If fluid is not replaced:** a further check with a device measuring brake fluid boiling point is recommended.  
**RED:** Moisture content above 3.5%. **This should be regarded as an indication that the brake fluid is unsafe and should be replaced.**
- 5.3. **IF IN ANY DOUBT - REPLACE THE BRAKE FLUID.**

### Battery Removal

See section 4.1. for battery removal details.



Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705.

### Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.



### WEEE Regulations

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of this product.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.

**INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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