

AUTO *Test*®

Brake Fluid Tester





DECLARATION OF CONFORMITY

We, AutoTest Products Pty Ltd. declare under our sole responsibility that the product AutoTest Brake Fluid Tester is in conformity with the provisions of the following Council Directive: 1999/5/EC.

A copy of the Declaration of Conformity is available from <http://www.autotest.net.au>

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Preface

Thank you for purchasing *Auto Test* products. Please read this manual completely before installing and operating the product so as to ensure correct operation of the product. Make certain that this manual can be accessed whenever necessary.

For Your Safety

Read these simple guidelines. Not following them may be dangerous. Read the complete user guide. Further detailed information is given in this manual.



SWITCH ON SAFELY

Do not switch the device on when wireless device use is prohibited or when it may cause interference or danger.



SWITCH OFF WHEN REFUELING

Do not use the device at a refuelling point. Do not use near fuel or chemicals.



SWITCH OFF NEAR BLASTING

Follow any restrictions. Do not use the device where blasting is in progress.



USE SENSIBLY

Use only in the positions as explained in the product documentation.



QUALIFIED SERVICE

Only qualified personnel may install or repair this product.



ACCESSORIES AND BATTERIES

Use only approved accessories and batteries. Do not connect incompatible products.



CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products.



RISK OF DAMAGE TO EYES

Wear safety goggles when operating near vehicle battery as Battery acid, fumes, oil and dust particles might cause damage to the eyes.

AutoTest™ Brake Fluid Tester

Brake Fluid Moisture Testing

Brake fluid is designed to have a high boiling point to withstand the high temperatures generated by friction in the vehicle brake system. Unfortunately brake fluid readily absorbs moisture from air that transfers through the flexible rubber hoses. Moisture reduces its boiling point leading to possible brake failure.

Overseas studies have highlighted that over 50% of vehicles on the road today may have fluid that is too old to be within safety standards. Just like oil, brake fluid wears out and then it is simply not as reliable as fresh new brake fluid. In addition, moisture contaminated brake fluid can corrode internal engine parts.

The AutoTest™ Brake Fluid Tester measures the moisture content in vehicle brake fluid. It provides accurate results in less than one minute that allows users to identify vehicles that require a brake fluid change. Consequently, it increases sales of brake fluid and brake fluid flushes.

The Brake Fluid Tester also increases the value of quick lube inspections, seasonal brake checks and routine servicing.

Enhance your reputation for customer care and protect your clients by providing a brake fluid safety check.

It's not age and mileage that determines brake fluid change intervals; it's moisture absorption. Brake fluid gradually absorbs moisture from the air. Moisture enters through the flexible hoses and reservoir breather. Absorbed moisture reduces the boiling point of brake fluid. Under prolonged hard braking conditions, particularly in hot weather or when a vehicle is heavily loaded, heat from the braking action can suddenly vaporize the fluid. Vapor unlike liquid is compressible and the driver's foot suddenly goes straight to the floor resulting in complete loss of brakes, known as Vapor Lock.

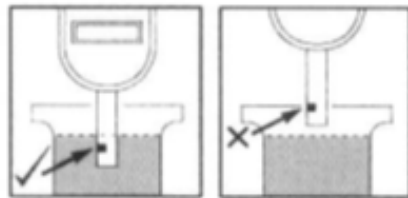
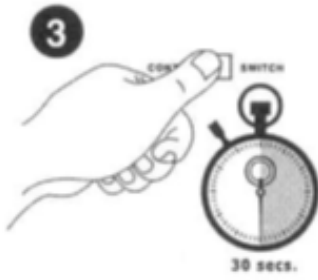
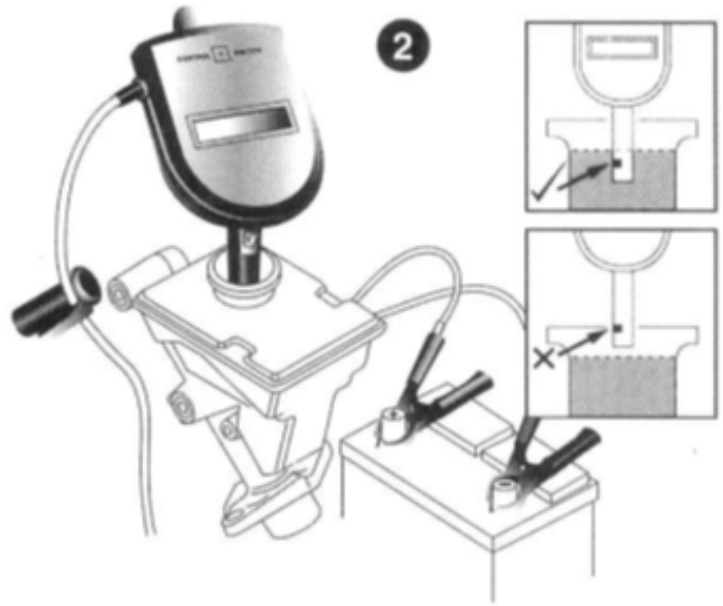
The AutoTest™ Brake Fluid Tester is inserted into the master cylinder reservoir on the car and clipped onto the battery. When the button is pressed, a small sample of the fluid is heated up to boiling point where the temperature is recorded by an accurate electronic thermometer and displayed. This display alternates with the specified minimum boiling points so that it is instantly clear if the fluid needs to be changed or is within specification. The meter can be withdrawn and the display will continue so that it can be shown to the car owner. Disconnecting the battery then resets the meter for use again. There is no additional cost of consumables, nothing to order and stock and the meter is practically maintenance free.

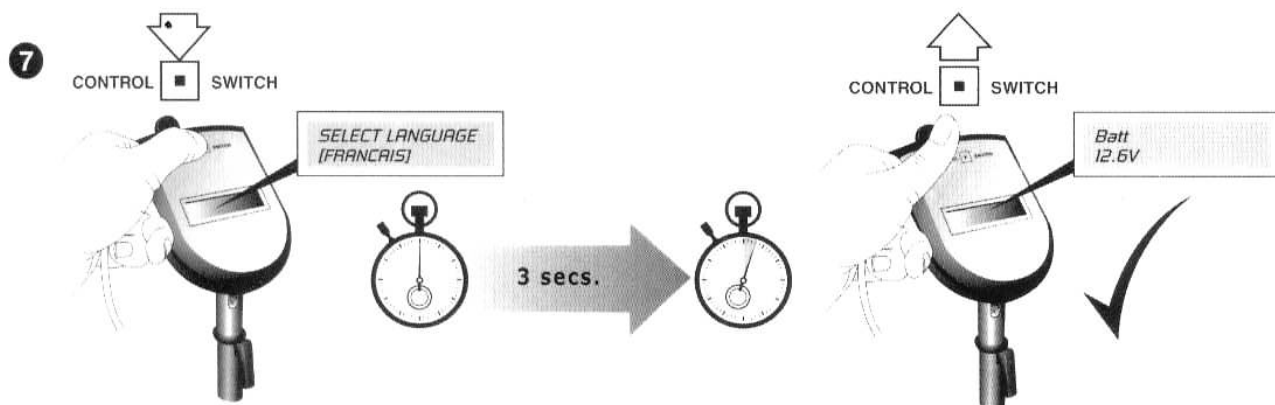
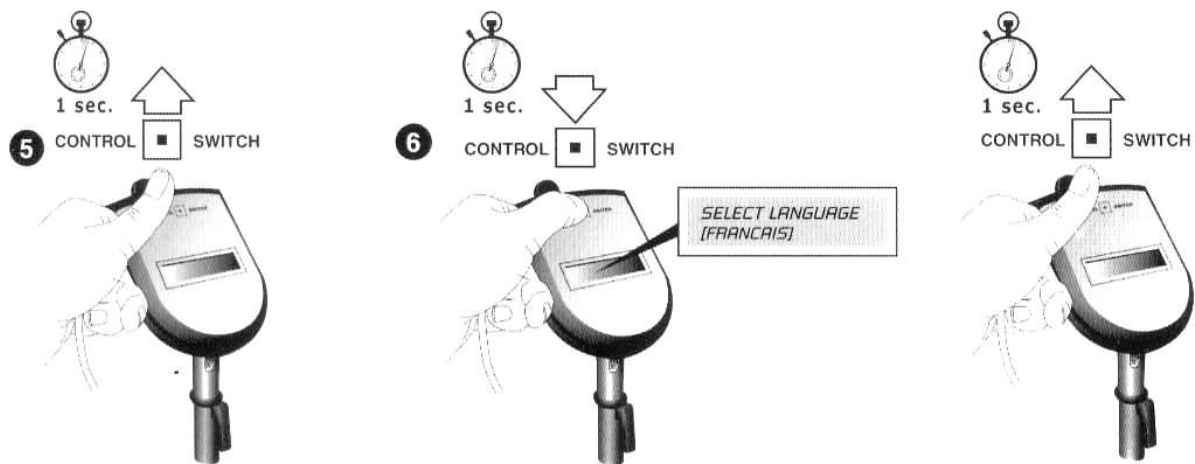
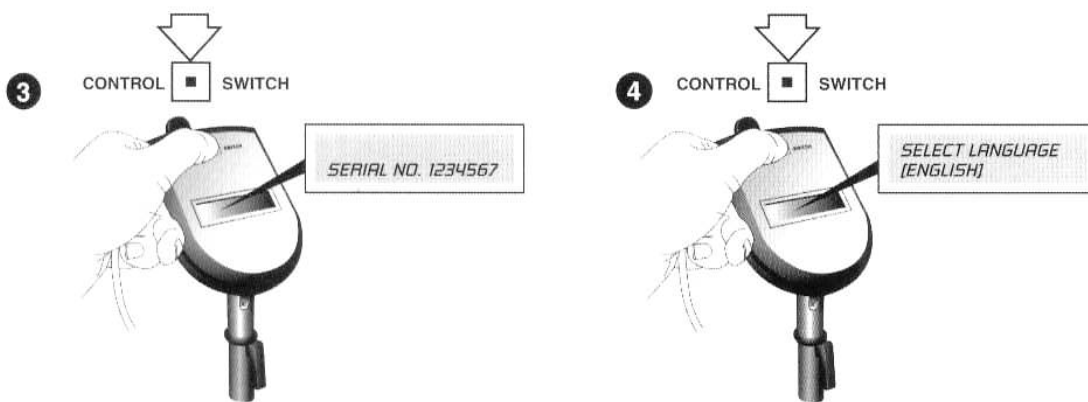
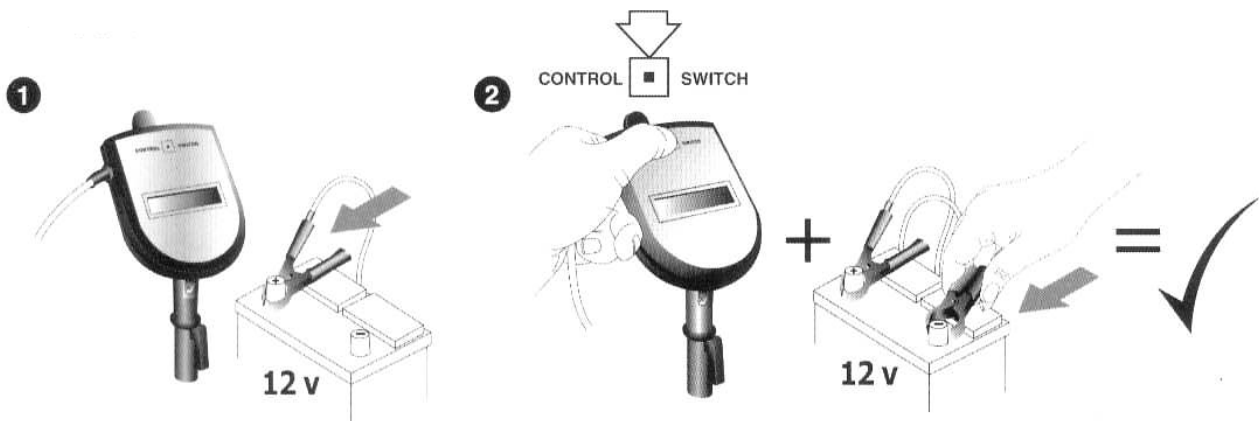
The test itself can be completed in less than one minute and it can then lead to a complete overhaul of the braking system where appropriate. Customers appreciate work that may have a direct impact on their safety and that of their family.

Unique Features

- Ergonomic Design
- User Friendly
- Checks brake fluid condition in under 1 minute
- Operates off 12 volt supply – vehicles own battery
- LCD display screen instructions lead operator through the complete test sequence
- Increase brake servicing revenue
- Suitable for use on new brake fluid and racing fluids

Product dimensions: 2250mm (h) x 1000mm (w) x 806mm (d)





WARRANTY

To ensure prompt warranty service should it be required, please complete warranty registration form, and return to *AutoTest* Products Pty Ltd within 10 days of purchase of the product. *AutoTest* Products or an Authorised Service Centre warrants this product against defects in material and workmanship for a period of 12 months from the original date of purchase. This warranty applies only to products and components supplied by *AutoTest* Products which can be identified by the trade name or logo affixed to them or by other documents.

AutoTest Products does not warrant any products not supplied by *AutoTest* Products. During the warranty period, *AutoTest* Products or an Authorised Service Centre will repair (or at its option replace), any defective component(s) without charge for labour, provided the product is returned in its original or suitable equivalent container, freight prepaid, to an authorised *AutoTest* Service Centre. Transit insurance and return freight will be at the owner's expense.

In order to obtain calibration, warranty or non-warranty service, ship the product, freight and insurance prepaid to your nearest *AutoTest* Service Centre. Attach to the product your name, address, contact numbers, description of the problem and if a warranty claim, proof of purchase (dated sales receipt or invoice).

AutoTest Products or an Authorised *AutoTest* Service Centre reserves the right to refuse warranty repair if accident, abuse, misuse or misapplication has damaged the product in transit or as a result of service or modifications by other than an Authorised Service Centre, nor are any other warranties expressed or implied, including any regarding merchantability or fitness for any other particular purpose. *AutoTest* Products or an Authorised Service Centre is not responsible for incidental or consequential damages resulting from the breach of any express or implied warranty, including damage to property and, to the extent permitted by law, damages for personal injury.

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