

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- WARNING!** Ensure that Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
 - WARNING!** Be very careful when working with hot, pressurised cooling systems. There is a high risk of very serious scalding. Always wear eye protection.
 - WARNING!** Any work carried out on the A/C system should only be performed by an Air Conditioning service technician following the vehicle manufacturer's service instructions or a proprietary manual to establish the current procedure and data.
 - DO NOT** use lamp if damaged.
 - Maintain lamp in good and clean condition for best and safest performance.
 - Ensure that a vehicle which has been jacked up is adequately supported with axle stands.
 - Wear suitable eye protection. A full range of personal safety equipment is available from your Sealey dealer.
 - DO NOT** expose eyes and skin to UV light.
 - WARNING!** Never operate lamp without UV safety glasses (Sealey UV glasses SSP46).
 - Wear suitable protective clothing, gloves and eye protection when handling the dye (Leak Detection Fluid) which can cause irritation on contact with skin and eyes. A safety data sheet covering the Leak Detection Fluid VS60112 and VS60012 is obtainable via your local Sealey dealer.
 - Wear suitable clothing to avoid snagging. Do not wear jewellery and tie back long hair.
 - WARNING! DO NOT look into the UV lamp, even if wearing UV goggles, and DO NOT point the lamp at other people or animals.**
 - WARNING! Never touch UV lens filter during use - allow to cool before handling.**
 - WARNING! Maximum continuous use must not exceed 3 minutes. Allow UV lamp to cool for 10 minutes before reuse.**
 - Account for all tools and parts being used and do not leave them on or near the engine.
 - On completion of work, place the equipment back in the carry-case and store in a cool, dry, childproof area.
- IMPORTANT: These instructions are provided as a guide only. Always refer to the vehicle manufacturer's service instructions, or a proprietary manual, to establish the current procedure and data.**

2. INTRODUCTION

Ideal for detecting leaks in air conditioning and cooling systems with the use of fluorescent dye (not included). Features robust composite housing with rubber edge protector. Supplied with 4.33mtr cable and battery clips. Suitable for use in most lighting conditions. For best results and protection we suggest this product is used with UV safety spectacles (**SSP46**).

Part No. for Dyes:

VS6001212 X Single dose - Aircon Dye.

VS600331 X 33 Dose - Aircon Dye.

VS6011212 X Single Dose - Cooling System Dye.



3. INSTRUCTIONS

3.1. Adding dye to cooling system.

- 3.1.1. Add dye to the cooling system via the radiator filler or the expansion bottle. **Take extreme care when removing the filler cap if the engine is warm or hot.** 35ml of dye will treat 11.5 litres of coolant. To avoid waste we suggest that the dye is added in 5ml doses until the mix fluoresces sufficiently.
- 3.1.2. Run the engine until the thermostat is open and then for a further few minutes, to ensure complete mixing and distribution of the dye.
- 3.1.3. Switch off the engine.

3.2. Adding dye to A/C system.

- WARNING!** Any work carried out on the A/C system, including adding dye, should only be performed by an Air Conditioning service technician following the *vehicle manufacturer's service instructions or a proprietary manual to establish the current procedure and data.*

3.3. Leak detection

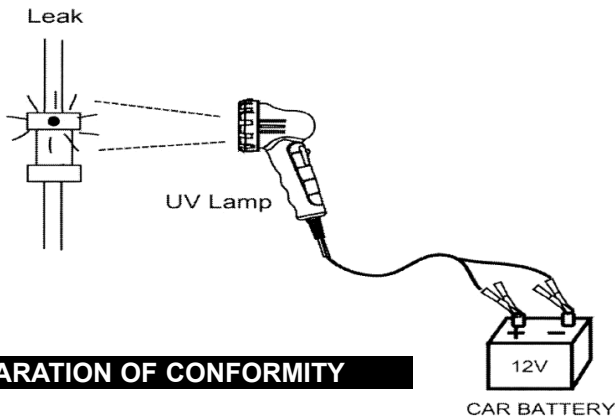
Note: Leaks will be more obvious if the UV inspection is carried out in low ambient light.

- 3.3.1. Connect the UV lamp to the vehicle battery terminals, or other suitable 12 volt supply, noting that correct polarity (red clamp to positive terminal) is important.
- 3.3.2. **Wearing the UV safety goggles**, point the UV lamp at the area to be inspected and then press and hold the switch to turn it on. Switch off the lamp while redirecting it to the next area of interest.

- WARNING!** The lamp gets hot during use. Do not touch the lens, do not place the lamp near inflammable material and do not return the lamp to the case until it has cooled.

- 3.3.3. Leaks will become obvious as the dye will fluoresce under the UV light.

NOTE! Maximum continuous use must not exceed 3 minutes. Allow UV lamp to cool for 10 minutes before reuse.



4. DECLARATION OF CONFORMITY


Declaration of Conformity We, the sole importer into the UK, declare that the product listed below is in conformity with the following standards and directives.

UV LEAK DETECTION LIGHT - 50W/12V

Model VS602

89/336/EEC EMC Directive
93/68/EEC CE Marking Directive

CE The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Signed by Tim Thompson  2nd May 2007


For Jack Sealey Ltd. Sole importer into the UK of Sealey Professional Tools.


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 responsibility is accepted for incorrect use of this equipment.

WARRANTY: Guarantee is 12 months from purchase, 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.



Sole UK Distributor
Sealey Group,
Bury St. Edmunds, Suffolk.

 01284 757500

 01284 703534



www.sealey.co.uk



sales@sealey.co.uk