

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 AND CAUTIONS. USE THIS 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 Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- x DO NOT** use the bore scope if damaged.
- x DO NOT** point the Distal Tip towards the sun, or view bright light sources. Permanent damage to your eye may occur.
- ✓ Maintain the bore scope 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.
- ✓ A full range of personal safety equipment is available from your Sealey dealer.
- ✓ Wear suitable clothing to avoid snagging. Do not wear jewellery and tie back long hair.
- ✓ Account for all tools and parts being used and do not leave any in, or near, the engine.
- ✓ Be alert to your surrounding environment while using the bore scope.

2. INTRODUCTION

Suitable for internal inspection of cylinder bores, engine components and other machinery/industrial applications. Flexible 600mm shaft can be bent to shape to fit through small apertures and around obstacles. Subject illumination is provided by two LEDs which are controlled by a three-position switch, giving low output, full output and Off. LEDs are powered by 4 x AA batteries (supplied). Adjustable eyepiece allows user to tailor optics to suit their vision. Supplied in a carrying case. There is also a mirror accessory supplied in a polypropylene container of 3 cms diameter and 4 cms high. This accessory is shown in Fig 3 and connected to the bore scope in Fig 4.

3. SPECIFICATION

1	Model No: VS819	6	Bending Diameter: 76mm
2	Shaft Length: 600mm	7	Tip Diameter: 10mm
3	Probe Diameter: 10mm	8	Batteries: 4 x AA (supplied)
4	Viewing Angle: 40°	9	Housing Material: Nylon 6
5	Viewing Distance: 10mm to infinity.	10	Mirror Accessory VS819M

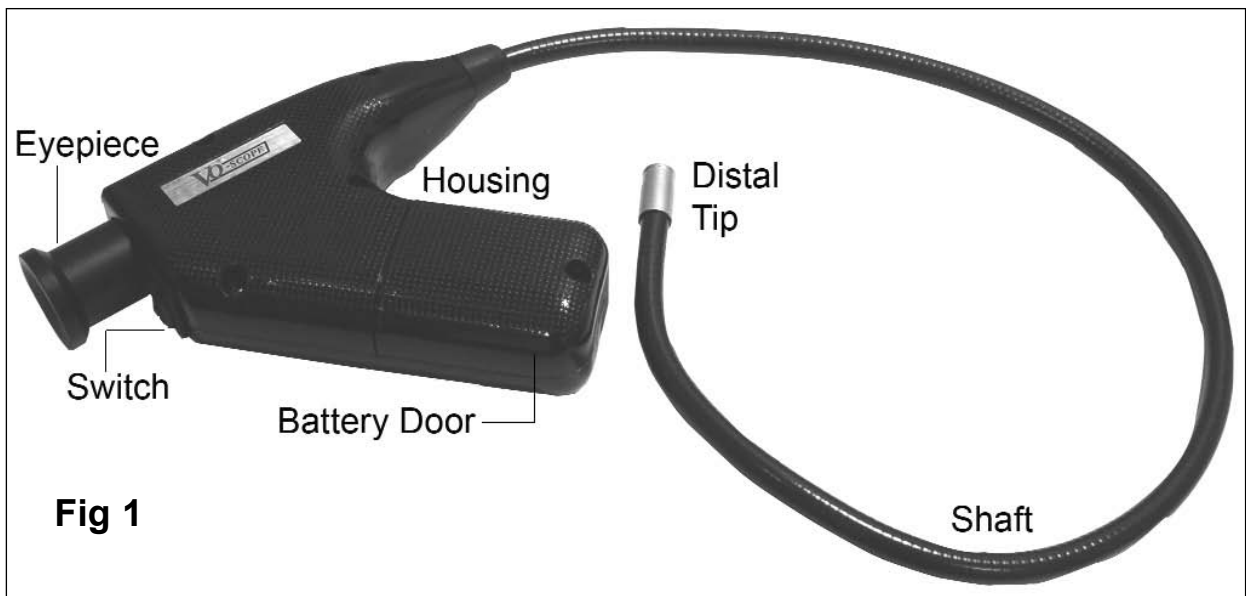


Fig 1

2. OPERATING INSTRUCTIONS

WARNING! Be careful when inserting or removing the bore scope shaft into, and out of, the equipment under inspection.

Before and after use, check the bore scope for tears and abrasions.

Check the bore scope for correct lighting operation. If dim, or no lighting evident, replace the batteries.

Check the bore scope for smooth eyepiece rotation.

2.1. Note the location of the object to be inspected and determine a route to it. Bend the bore scope shaft to follow the route.

2.2. **DO NOT** bend the bore scope shaft tighter than 76mm.

2.3. **DO NOT** expose the bore scope housing to water or other liquids.

2.4. **DO NOT** insert the bore scope shaft into locations whose temperature is greater than 70°C.

2.5. **DO NOT** use the bore scope close to moving parts such as gears, fan blades or moving belts.

3. MAINTENANCE INSTRUCTIONS

BATTERY REPLACEMENT

WARNING! Disconnect the bore scope prior to carrying out maintenance or battery replacement.

Be careful when inserting, or removing, the battery pack so as not to strain or damage the connecting leads. **REFER TO FIG 2.**

3.1. Remove the battery housing door with a Phillips screwdriver.

3.2. Tilt the battery pack from the bottom of the bore scope handle and remove it.

3.3. Unclip the connector - if required - and replace the batteries.

3.4. Re-attach the connector and relocate the battery pack in the bore scope handle.

3.5. Replace the battery housing door using a Phillips screwdriver.

LIGHTING

3.6. The VS819 bore scopes are equipped with integrated, solid-state LED lamps. These lamps are designed to be maintenance-free for the life of the instrument.

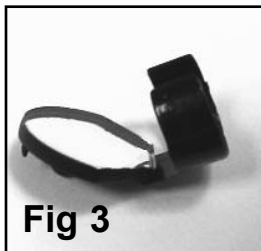
CLEANING AND STORAGE

3.7. Wipe the bore scope tip, shaft and housing with a clean, soft cloth to remove residue and moisture.

3.8. Wash the bore scope tip and shaft with a cleaning liquid and rinse with water, then dry.

3.9. Gently clean the Distal Tip lens and eyepiece with a lens cleaner such as isopropyl alcohol and a cotton bud.

NOTE: The bore scope **MUST** be completely dry prior to returning it to the storage case.



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

Bore Scope (600mm) Model No.VS819
89/336/EEC EMC Directive



Signed by Mark Sweetman

28 September 2005

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.

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 catalogue and latest promotions call us on 01284 757525 and leave your full name, address and postcode.



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