



INSTRUCTIONS FOR
GLOW PLUG ANALYSER
 MODEL NO: **VS212.V3**

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.



Refer to instructions



Wear eye protection



Wear protective gloves



Wear safety footwear



Wear protective clothing

1. SAFETY

- WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- ✓ Maintain tester in good and clean condition for best and safest performance.
- ✓ Wear approved eye protection. A full range of personal safety equipment is available from your Sealey stockist.
- ✓ 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.
- ✓ Follow vehicle manufacturers warnings, cautions and service procedures.
- * **DO NOT** use tester if damaged.
- * **DO NOT** touch hot parts of the vehicles engine.
- * **DO NOT** touch live parts within the engine bay.
- * **DO NOT** smoke or have live flames near the vehicle.
- ✓ Vehicle should be in a well ventilated area.

2. INTRODUCTION

Enables fast diagnosis of glow plug failure or degradation without the need to disassemble the plug from the engine. Suitable for use on any 12V DC glow plugs and connects directly to the vehicle's battery. Features six LED read out which indicates glow plug status and also whether battery contains enough charge to power the glow plugs.

3. OPERATION

- WARNING!** Tester is only to be used on glowplugs that are 12V.
- 3.1. Disconnect leads/busbar from the glow plug(s) to be tested.
- 3.2. Connect the tester positive clip (red lead) to the positive (+) battery terminal and the negative clip (black lead) to an earth point on the engine.
- 3.3. Press the contact plate in the end of the test probe onto the glow plug terminal.
- 3.4. **Note:** which one of the LEDs is illuminated and see below for diagnosis.

○ ⚠ Defective (short circuit) glow plug.
○ >16A	Higher than 16A in 3 seconds or less = OK. Higher than 16A but in more than 3 seconds = fault.
○ OK Glow plug is OK.
○ <7A Defective (high resistance) glow plug.
○ ✂ Defective (open circuit) glow plug.
○ <10.5V	Battery voltage low, investigate. Tester will not function correctly if battery voltage is low.



**ENVIRONMENT 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 any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

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 is required for any claim.

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