



# DIAGNOSTIC SOCKET MEMORY SAFE - EOBD

MODEL NO: **VS2072.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.



Refer to instructions



Wear eye protection



Warning corrosive substance

## 1. SAFETY



Modern vehicles contain extensive electronic systems. You are required to check with the vehicle Manufacturer, for any specific instructions regarding the use of this type of equipment on each vehicle.

No liability will be accepted for damage / injury, where this product is not used in accordance with all instructions.

**DANGER! BE AWARE, LEAD-ACID BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS VERY IMPORTANT TO READ AND FOLLOW THESE INSTRUCTIONS CAREFULLY, EACH TIME YOU USE THE MEMORY SAFE.**

Follow these instructions and those published by the battery and vehicle manufacturers, and the maker of any equipment you intend to use in the vicinity of the battery. Remember to review warning marks on all products and on engines.

### 1.1. PERSONAL PRECAUTIONS

- ✓ Ensure that there is another person within hearing range and close enough to come to your aid, should a problem arise when working near a lead-acid battery.
- ✓ Wear safety eye protection and protective clothing. Avoid touching eyes while working near battery.
- ✓ Have fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- ✓ Wash immediately with soap and water if battery acid contacts skin or clothing. If acid enters eye, flush eye immediately with cool, clean running water for at least 15 minutes and seek immediate medical attention.
- ✓ Remove personal metallic items such as rings, bracelets, necklaces and watches. A lead-acid battery can produce a short-circuit current which is high enough to weld such items to the vehicle and cause severe burns.
- ✓ Ensure that hands, clothing (especially belts) are clear of fan blades and other moving or hot parts of engine. Remove ties and contain long hair.
- ✗ **DO NOT** smoke or allow a spark or flame in the vicinity of the battery or engine.

### 1.2. GENERAL SAFETY

- ✓ Familiarise yourself with the application, limitations and potential hazards of the unit. Also refer to the vehicle manufacturer's hand book. *IF IN ANY DOUBT CONSULT A QUALIFIED ELECTRICIAN.*
- ✓ Ensure that the unit is in good condition before use. If in any doubt do not use the unit and contact a qualified electrician.
- ✓ Only use recommended attachments and parts. To use unapproved items may be dangerous and will invalidate your warranty.
- ✓ Keep tools and other items away from the engine and ensure that you can see the battery and working parts of engine clearly.
- ✓ Keep children and unauthorised persons away from the work area.
- ✗ **DO NOT** disassemble the unit for any reason.
- ☐ **WARNING!** To prevent the risk of sparking, short circuit and possible explosion **DO NOT** drop metal tools in the battery area, or allow them to touch the battery terminals.
- ✗ **DO NOT** cross-connect unit to battery. Ensure positive (RED) clamp is to positive terminal and negative (BLACK) clamp is to negative terminal.
- ✗ **DO NOT** use the unit outdoors, or in damp, or wet locations and **DO NOT** use in the vicinity of flammable liquids or gases.
- ✓ Ensure there is effective ventilation to prevent a build-up of explosive gases.
- ✗ **DO NOT** use the unit for a task for which it is not designed.
- ✓ When not in use, store the unit carefully in a safe, dry, childproof location.

## 2. INTRODUCTION

Attaches to a 12V slave battery and provides power via a EOBD socket to on-board electronics whilst the vehicle's own battery is disconnected. Features LED to indicate backup battery power supply status. Saves valuable time spent reprogramming lost codes.

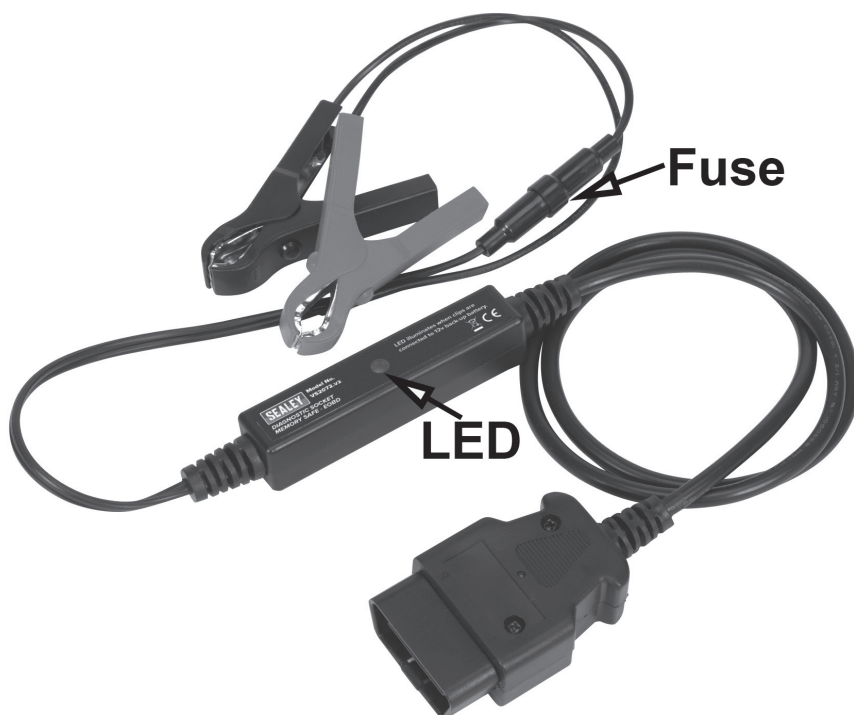
## 3. SPECIFICATION

Model no: ..... VS2072.V2  
Cable length: ..... 1.35mtr  
Connection: ..... EOBD

## 4. OPERATION

- 4.1. Ensure that you read, understand and apply the safety and operational instructions before proceeding and take care to not touch the clamps together when the unit is plugged into the vehicle's EOBD socket.
- 4.2. Before commencing, make sure the 12Volt back-up battery to be used has sufficient charge, at least 12Volts.  
Ensure that the vehicle's ignition is switched off. Locate the vehicle's EOBD socket and plug the VS2072.V2 plug into it.  
**NOTE:** If the voltage of the vehicle's battery is low, it is probable that codes will already have been lost, however if there is some power then the following procedure can still be carried out.
- 4.3. Using the back-up 12Volt battery, connect the red clamp to the positive (+) battery terminal and the black clamp to the negative (-) terminal. The LED should now illuminate red. The vehicle's on-board electronics are now powered by the back-up battery and the vehicle's battery can now be disconnected.  
**NOTE:** If the red LED does NOT illuminate, check the clamps to the back-up battery and condition of the fuse in the VS2072.V2 fuse holder, see fig.1. If fuse is blown, replace with identical 5A fuse.
- 4.4. Disconnect the vehicle's battery by first removing the clamp from the negative (-) terminal and then from the positive (+) terminal.
- 4.5. Carry out any work on the vehicle required.
- 4.6. Reconnect the vehicle's battery by connecting to the positive (+) terminal first and then to the negative (-) terminal.
- 4.7. Disconnect the back-up battery by first disconnecting from the negative (-) terminal and then from the positive (+) terminal.
- 4.8. Disconnect the VS2072.V2 unit by unplugging it from the vehicle's EOBD socket.
- 4.9. Store the unit carefully in a safe, dry, childproof location

**Fig.1**



### 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.



### 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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on [technical@sealey.co.uk](mailto:technical@sealey.co.uk) or 01284 757505.

**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.



REGISTER YOUR  
PURCHASE HERE

Jack Sealey Ltd t/a Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK

Jack Sealey (EU) Ltd t/a Sealey Group, Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland

Tel: 01284 757500 • Email: [sales@sealey.co.uk](mailto:sales@sealey.co.uk) • Web: [www.sealey.co.uk](http://www.sealey.co.uk)