



## TOWING SOCKET TESTER 13 PIN 12V

- MOT APPROVED

MODEL NO: TST22

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

### 1. SAFETY

- WARNING!** Ensure that Health and Safety, local authority and general workshop practice regulations are strictly adhered to when using tools and equipment.
- DO NOT** use this tester if it, or any attachment, is damaged.
- Maintain tester in a good, clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Keep children and unauthorised persons away from the work area.
- DO NOT** use the tester for any purpose other than for which it is designed.
- DO NOT** get tester wet or use in damp or wet locations, or areas where there is condensation. Keep tester clean and dry, using a dry cotton cloth only.
- DO NOT** dip or submerge the tester in any type of liquid.
- DO NOT** expose tester to bright sunlight or dust.
- DO NOT** dis-assemble tester. The tester must be checked by qualified service personnel only.
- DO NOT** connect or disconnect any test equipment with ignition on or engine running.
- The tester is a precision instrument, treat with care, avoid using force and **DO NOT** subject to knocks or shocks.
- Account for all tools and parts being used and do not leave any in the engine bay.
- Keep tester dry, clean and free from oil, water and grease. Use a clean cloth to clean the outside of the tester.
- When not in use, store tester in a safe, dry, childproof location.
- WARNING!** The warnings and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

### 2. INTRODUCTION

MOT approved for use in testing stations on vehicle classes 4, 5 and 7. Quick and simple test of 12Volt 13-pin Euro-type sockets fitted to the rear of the vehicle. Supplied with 4.9mtr cable to enable the operator to use the tool whilst sitting in the vehicle. Features a self test facility to ensure the serviceability of the tool. Powered by 12Volt vehicle supply. Also features the testing of the 12Volt continuous live feed, 12Volt ignition live feed and the reversing lights - which are not part of the current MOT test, but are very useful when diagnosing electrical faults. Includes 13 to 7-pin adaptor for testing older wiring systems.

**NOTE:** The self-test facility is not available when using the 13-7 pin towing adaptor, because there is no continuous feed via the 7 pin socket, from the vehicle.



### 3. OPERATION

- 3.1. Lift the vehicle's towing socket cover and insert the tester's plug into the socket, take care to line up with the socket before insertion. Twist the outer plug ring clockwise to lock plug into place.
- 3.2. If the socket is wired for continuous 12V supply, the 12V CONTINUOUS LED should illuminate immediately - note this is not a condition of the MOT Test.
- 3.3. Sit in the vehicle with the tester unit. Press 'Test' to ensure that the tester's control circuitry and the LED's are in working order.
- 3.4. Turn the vehicle's ignition switch to the 'ON' position, but **DO NOT** start the vehicle's engine. The 12V IGNITION LED should illuminate.
- 3.5. **Required MOT Test checks.**  
Operate in turn:
  - the Left and Right Hand Indicators
  - the Side Lights
  - the Fog Lights
  - Depress the vehicle's foot brake pedal.In each case, check to ensure the appropriate LED illuminates on the tester.
- 3.6. In addition to the above MOT required checks, also select reverse gear, and check that the LED illuminates.
- 3.7. When all checks are completed, remove the tester from the vehicle's towing socket, twisting the plug ring anti-clockwise and ease the plug assembly out of the socket. Replace the towing socket cover.

**NOTE:** When testing vehicles that include a tow-bar electrics self test facility, all of the tester's LED's apart from the 12V feed, may flicker. This is a function of the vehicle's self test and is normal. However, when testing the vehicle, the LEDs will light fully if and when voltage is being applied to each of the 13-pins on the socket, so therefore the tester can be used as normal.

**NOTE:** The self-test facility is not available when using the 13-7 pin towing adaptor, because there is no continuous feed via the 7 pin socket, from the vehicle.



#### 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.



#### 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.

**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.

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR



01284 757500



01284 703534



sales@sealey.co.uk



www.sealey.co.uk