



INSTRUCTIONS FOR:

CURRENT TESTER 20A

MODEL NO's: **TA120 (STANDARD FUSE)**
TA121 (MINI FUSE)

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.

WARNING! Suitable only for automotive circuits. Not suitable for 110 - 230V applications.

1. SAFETY

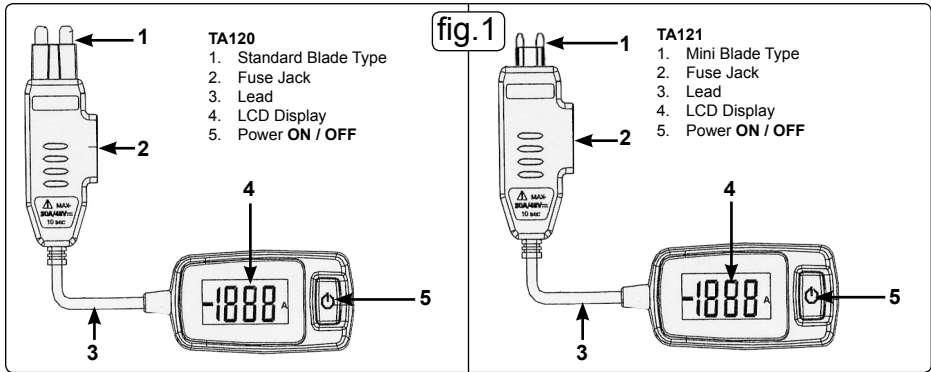
- ✓ Observe standard workshop safety procedures when using the TA120/121.
- WARNING! The Fuse blade may become hot during testing. Allow to cool before removing.**
- WARNING! Do NOT** exceed Maximum Load: 20A/48V for Max 10sec.
- ✓ Ensure vehicles ignition, is switched **OFF**, before connecting or disconnecting TA120/121.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting. Keep tools and other items away from the engine, and ensure you can see the battery and working parts of engine clearly.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery. Contain or tie back long hair.
- ✓ Keep children and unauthorised persons away from the working area.
- x **DO NOT** disassemble. TA120/121 must be checked by qualified service personnel only.
- x **DO NOT** get TA120/121 wet or use in damp or wet locations or areas where there is condensation.
- x **DO NOT** use TA120/121 for any purpose other than for which it is designed.
- x **DO NOT** pull by the cables to free from the fuse terminals.
- x **DO NOT** operate TA120/121 if damaged.
- ✓ When not in use store in a safe, dry, childproof location.
- WARNING!** The warnings, cautions and instructions referred to 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 / SPECIFICATION

Fast, accurate and safe current measurement at the fuse box. Ideal for fault-finding on car and commercial vehicle electrical circuits. Features large LCD display. Plugs straight into the vehicle's fuse board.

- Range: 0-20A - 0-48Vdc
- Max Load: 20A/48Vdc for Max 10sec
- Accuracy: ± 2% reading + 2 digits
- Fuse Type: TA121: Mini, TA120: Standard
- Operating Temp: 0°C to 50°C (32°F to 122°F)
- Storage Temp: -20°C to 60°C (-4°F to 140°F)
- Relative Humidity: <70% operating, <80% storage
- Operating Altitude: 7000ft (2000 meters) maximum





3. OPERATION

3.1. Measuring

- 3.1.1. With the vehicle ignition **OFF**, remove the fuse from the circuit to be tested and insert it into the fuse jack (fig.1.2), this ensures the correct level of circuit protection.
- 3.1.2. Insert the plug into the vehicle fuse socket.
- 3.1.3. Switch on the vehicle ignition if required, to energise the circuit and then switch on the tester fig.1.5.
- 3.1.4. Operate the circuit under test and the LCD will display the measured current.

WARNING! The Fuse blade may become hot during testing. Allow to cool before touching.

4. MAINTENANCE

4.1. Battery Replacement

Power is supplied by a 12V A23S battery. The 'BAT' symbol appears on the LCD display when replacement is required.

WARNING! To avoid electric shock ensure all inputs are disconnected from any circuit before removing the battery cover.

To replace the battery, remove the screw from the back of the unit and remove the cover. Remove the exhausted battery and replace with a new observing the connection polarity. Replace cover.

NOTE! Dispose of old battery according to local authority guidelines.

4.2. Cleaning

Clean using a soft damp cloth.
Store in a safe, dry, childproof location.

Environmental Protection.



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment. When the product is no longer required, it must be disposed of in an environmentally protective way.



Take to your local recycling centre to be disposed of properly.
Do not incinerate battery as it may explode when exposed to fire.
Do not attempt to open battery.

Battery Removal

For battery removal, see section 4.1.

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705

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



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