



COOLING SYSTEM PRESSURE TEST KIT 10PC

MODEL NO: **VS0013**

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



Hot surfaces

1. SAFETY

- ❑ **WARNING!** Ensure all Health & Safety, local authority, and general workshop practice regulations are strictly adhered to when using this product.
- ❑ **WARNING!** Ensure the engine and cooling system has cooled, before opening the radiator cap.
- ✓ Maintain tools in good and clean condition for best and safest performance. **DO NOT** use tester if damaged.
- ✓ Wear suitable clothing to avoid snagging. **DO NOT** wear jewellery and tie back long hair.
- ✓ Wear approved eye protection. A full range of personal safety equipment is available from your Sealey stockist.
- ✓ Keep yourself, tools, and test equipment away from hot engine parts.
- ✗ **DO NOT** use this tool for any purpose other than that for which it is designed.
- ✗ Never lay tools on the vehicle's battery. This may short the terminals together, causing harm to yourself, the tools, or the battery.
- ✓ Account for all tools and parts being used and **DO NOT** leave any in the engine bay.
- ✓ Keep children and other unauthorised persons away from the working area.
- ✓ Keep test kit parts clean, store parts in the carry case, and keep this in a safe, dry, childproof location.
- ✗ **DO NOT** run engine while pressure testing.

IMPORTANT: Always refer to the vehicle manufacturer's service instructions, or a proprietary manual to establish the current procedure and data. These instructions are provided as a guide only.

2. INTRODUCTION

- Cooling system pressure test kit, with vehicle specific cap adaptors.
- Features quick-release couplings, easy-to-read pressure gauge and release valve.
- Caps cover the latest Alfa Romeo, Audi, BMW, Citroen, Dacia, Fiat, Ford, Honda, Hyundai, Jaguar, Kia, Land Rover, Lexus, Mazda, Mercedes, Mini, Mitsubishi, Nissan, Peugeot, Porsche, Renault, Seat, Skoda, Suzuki, Toyota, Vauxhall/Opel, Volvo, VW vehicles.

3. OPERATION

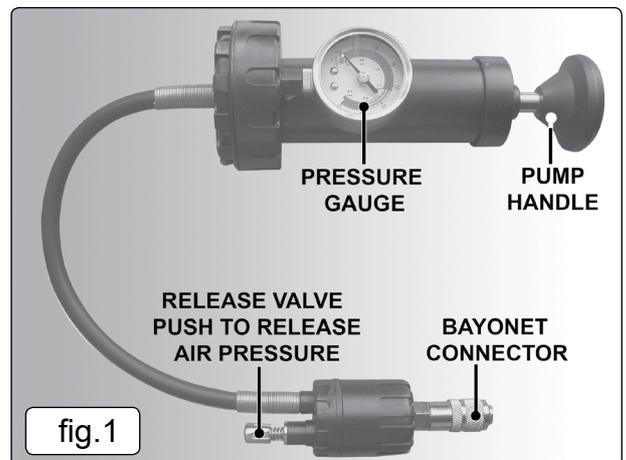
3.1. SET-UP.

- 3.1.1. Remove the radiator cap and clean around the radiator fitting.
- 3.1.2. Fit the appropriate vehicle adaptor as follows:
- 3.1.3. **Screw cap fastening.**
- 3.1.4. Select the correct adaptor cap size for the type of vehicle and radiator to be tested. Screw the cap onto the radiator and check that the rubber gasket is correctly fitted.
- 3.1.5. Connect the pump to the cap by means of the quick-release coupling at the end of the pump hose.

3.2. CHECKING THE SYSTEM.

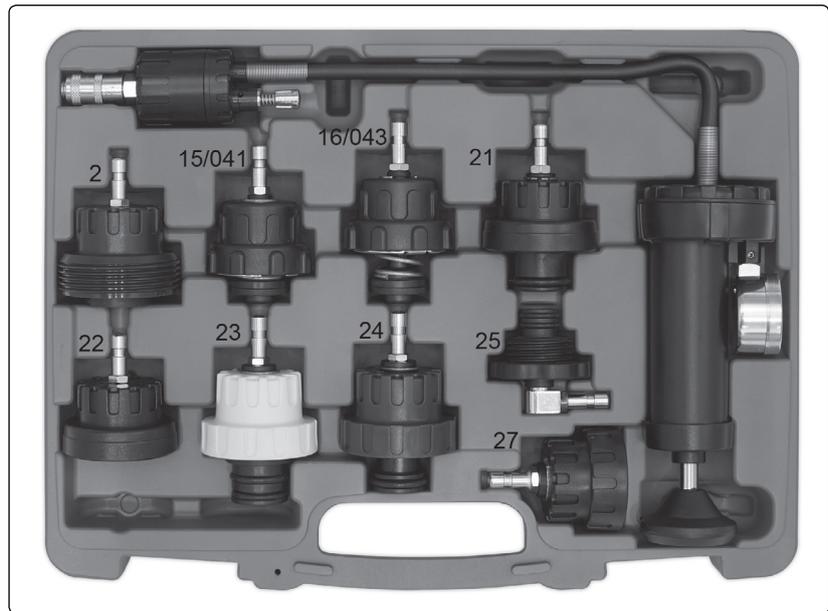
NOTE: Due to the design of the internal pump seal, a vigorous pumping action is required to activate the seal and pressurise the system. A light or slow pumping action will prove ineffective. The larger the air space within the cooling system being tested, the more vigorous the initial pumping should be. By filling the cooling system and therefore reducing the airspace within, less effort will be needed to pressurise it.

- 3.2.1. Pump the system until the pressure gauge (fig.1) indicates approximately 15 psi.
 - 3.2.2. If gauge pointer remains stationary for one minute it will indicate that the cooling system is in good working order.
 - 3.2.3. If the pointer falls, it indicates that the system has a leak resulting in loss of pressure.
 - 3.2.4. Check the system for water leaks and, if located, repair accordingly.
 - 3.2.5. If there is pressure loss but no external water leakage check condition of the head gasket.
 - 3.2.6. Re-test to ensure the repaired system is in good working order.
- Note:** To release pressure from the pump, press the release valve (fig.1). Ensure the gauge is reading zero to indicate no pressure before disconnecting.



4. APPLICATIONS

Manufacturer	Cap
Alfa Romeo	27
Audi	2
BMW	22, 27
Citroen	27
Dacia	27
Fiat	23
Ford	24, 27
Honda	15, 16
Jaguar/Daimler	24
Kia	15, 16
Land Rover	24
Lexus	25
Mazda	15, 16
Mini	27
Mitsubishi	15, 16
Nissan	15, 16, 27
Peugeot	27
Porsche	7
Renault	27
Seat	2
Skoda	2
Suzuki	15, 16
Toyota	15, 16, 25, 27
Vauxhall	21
Volkswagen	2
Volvo	24



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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