

SEALEY

COOLING SYSTEM TESTER CAP SYSTEM

MODEL NO: **VS001.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.



Refer to instruction manual



Wear eye protection



Wear protective gloves



Wear protective clothing

1. SAFETY

- WARNING!** Ensure all Health & Safety, local authority and general workshop practice regulations are strictly adhered to when using product.
- WARNING!** Ensure the radiator is cool before opening the cap.
- WARNING!** Be very careful when working with hot, pressurised cooling systems. There is high risk of very serious scalding. Always wear eye protection.
- ✓ 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.
- ✓ Use proper ventilation and avoid breathing in exhaust fumes.
- ✓ Keep a fire extinguisher to hand.
- ✓ Account for all tools and parts being used and do not leave them in or near the engine.
- ✓ Keep tester parts clean and dry and store each component part in its appropriate location in the carry case.
IMPORTANT: Always refer to the vehicle manufacturer's service instructions, or proprietary manual, to establish the current procedure and data. These instructions are provided as a guide only.
- ✓ Ensure the gauge is reading zero to indicate no pressure before disconnecting.

2. INTRODUCTION

Traditional style cooling system pressure testing kit with a selection of adaptors to fit popular European vehicles including Fiat, Peugeot, BMW, Volvo, Renault, VW plus Ford, Rover and Japanese vehicles.

Locate system leaks from:

- Head gasket.
- Header tank.
- Radiator and heater cores.
- Water pump plugs, hoses and housings.

Kit features adaptors fitted with quick-release couplings and high-powered pump with large, easy-to-read dial. The set is packed in a large carry-case and is supplied with operating instructions..

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 on the radiator and check that the rubber gasket is correctly fitted.
- 3.1.5. Expansion tank (European). See fig.1.
- 3.1.6. Select the correct adaptor (fig.1.9, 10 or 11) for the type of vehicle and tank to be tested. Screw the adaptor into the adjusting connector (fig.1.8). Fasten the two metal clips of the adjusting connector to the filler neck and wind the upper knob to ensure a tight fit.
- 3.1.7. Expansion tank (Japanese cars) See fig.2.
- 3.1.8. Select adaptor (fig.2.12) for Japanese cars and attach it to the adjusting connector (fig.2.8) using the integral clips.
- 3.1.9. Select the correct adaptor (fig.9, 10 or 11) for the type of vehicle and tank to be tested. Screw the adaptor into the adjusting connector.
- 3.1.10. Place the assembly over the radiator filler neck and wind the knob on the bayonet connector to ensure that the adaptor seals down on the top of the filler opening.
- 3.1.11. 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.

- 3.2.1. Pump the system until the pressure gauge (fig.3) 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.3). Ensure gauge is reading zero to indicate no pressure before connecting.

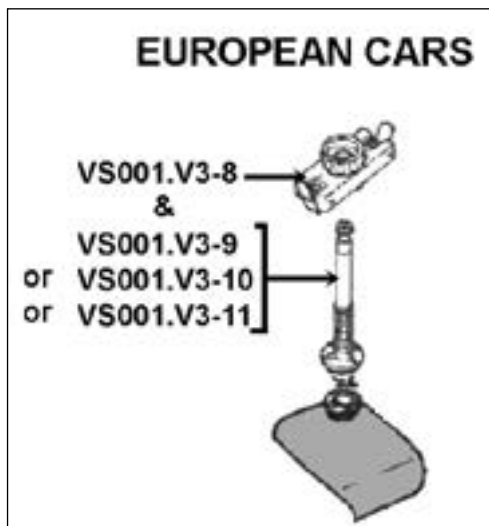


fig.1

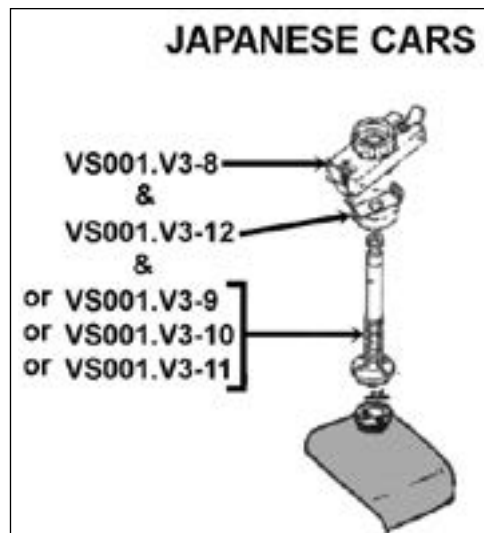
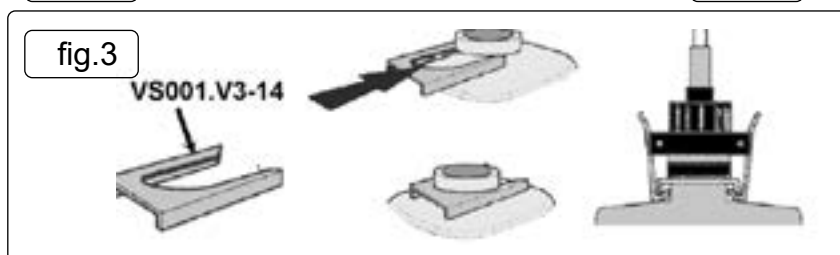


fig.2



ADDITIONAL CONFIGURATION USING VS001.V3-14.

4. APPLICATIONS

Brand	Pressure Test Adaptor
ALFA ROMEO	#7
AUDI	#2, 3, 4, 6 or 7.
BMW	#3, 4 or 5.
CHRYSLER	#7, 8 or 10.
CITROEN	#7, 8 or 10.
DAEWOO	#2, 3 or 19.
DAIHATSU	#15 or 16.
FIAT	#6 or 7.
FORD	#2, 3, 15, 16, 17, 10+17, 18, 19 or 20.
HOLDEN	#3, 15, 16, 10+17, 19 or 20.
HONDA	#7, 15 or 16.
HSV	#3 or 20.
HYUNDAI	#16.
ISUZU	#16.
JAGUAR	#7 or 19.
KIA	#13 or 16.
LANCIA	#7.
LAND ROVER	#5.
LEXUS	#15 or 16.
MAZDA	#15, 16, 19 or 20.
MERCEDES	#1, 8+10 or 9.
MINI	#7.
MITSUBISHI	#8, 10+14, 15 or 16.
NISSAN	#8+10, 8+11+14 or 16.
OPEL	#3, 6, 7 or 16.

PEUGEOT	#6 or 7.
PROTON	#15 or 16.
RENAULT	#6 or 7.
ROVER	#5, 6 or 7.
SAAB	#2, 7, 19 or 20.
SEAT	#3 or 4.
SKODA	#2 or 3.
SSANGYONG	#19.
SUBARU	#15 or 16.
SUZUKI	#8+11+12 or 8+10 or 8+11+14, 15 or 16.
TOYOTA	#8+11+14, 15, 16 or 19.
VAG	#2, 3, 4 or 7.
VOLKSWAGEN	#2, 4, 6, 7 or 20.
VOLVO	#6 or 7.

VS001.V3-14



VS001.V3-11



VS001.V3-10



VS001.V3-9



VS001.V3-5



VS001.V3-4



VS001.V3-3



VS001.V3-2



VS001.V3-1



VS001.V3-6



VS001.V3-7



VS001.V3-8



VS001.V3-12



VS001.V3-13



VS001.V3-15



VS001.V3-20



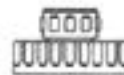
VS001.V3-19



VS001.V3-18



VS001.V3-17



VS001.V3-16



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 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.

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



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