

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 AND CAUTIONS. USE THIS 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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- ✓ Follow workshop Health & Safety rules, regulations and conditions when using this equipment.
- ❑ **WARNING!** Disconnect from air supply before changing accessories or servicing.
- ✓ Maintain the equipment in good condition and replace any damaged or worn parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ❑ **WARNING!** Check that correct air pressure is maintained and DOES NOT exceed 100psi.
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure that all connections are secure.
- ✓ Wear approved safety gloves and eye and ear protection.
- ✓ Keep VS0041 clean and in good working order for best and safest performance.
- ✗ **DO NOT** use the VS0041 for a task it is not designed to perform.
- ❑ **WARNING! DO NOT** use VS0041 if damaged or thought to be faulty. Contact your local service agent.
- ✗ **DO NOT** drop, throw or abuse the VS0041.
- ✗ **DO NOT** carry the VS0041 by the air hose, or yank the hose from the air supply.
- ✗ **DO NOT** operate the VS0041 if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** direct air from the air hose at yourself or others.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.
- ❑ **WARNING!** The warnings, cautions and instructions discussed in this instruction 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

Eliminates the introduction of bubbles and air-locks into the cooling system and dramatically reduces system filling time. No more time-consuming system bleeding. Reduces fluid waste and messy spills. Automatically conducts system leak test. Low profile design broadens application range especially for use on MPVs where lower windscreens lip might obstruct other tools. Simple operation requires workshop air supply and does not require fiddly interchange of vacuum and fluid hoses.

Air Pressure (max)	100psi (6.9 bar)
Air Pressure (min)	80psi (5.5 bar)
Air Consumption	10cfm
Air Connection	1/4" BSP
Filling Hose Length	980mm

fig.1

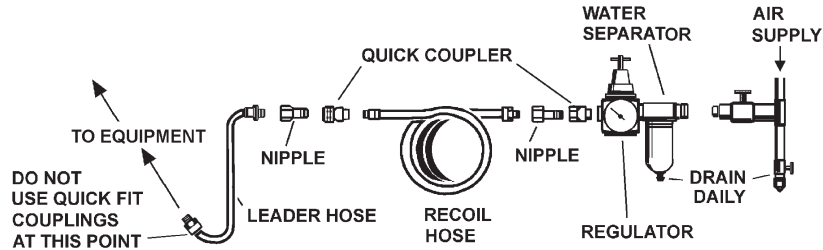


3. AIR SUPPLY

Recommended hook-up is shown in fig.2 overleaf.

- 3.1. Ensure that both coolant and vacuum taps are in the 'Off' position (fully to the left or right) when connecting the air supply. Fig.1 shows both taps in the open position.
- ❑ **WARNING!** Ensure that the air supply is clean and does not exceed 100psi. Too high an air pressure or unclean air will shorten the life of the filler, due to excessive wear, and may be dangerous, causing damage and/or personal injury.
- 3.2. Drain the air tank daily.
- 3.3. Clean compressor air inlet filter weekly.
- 3.4. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose size should be 1/4" I.D. and fittings must have the same internal bore.
- 3.5. Keep hose away from heat, oil and sharp edges. Check hose for wear and make certain that all connections are secure.

fig.2



4. OPERATING INSTRUCTIONS

WARNING! Ensure you read, understand and apply safety instructions before use.

4.1. Preparation.

- 4.1.1. Set vehicle heater control to 'On' and/or 'Hot'.
- 4.1.2. Drain and flush coolant system.
- 4.1.3. Inspect all coolant system components and repair/replace any unserviceable items.
- 4.1.4. Prepare a suitable coolant mix (see vehicle handbook). Mix 10% more than the system volume to ensure that the filler hose will always be submerged.
- 4.1.5. Connect the VS0041 to the air system, as described in Section 3.

4.2. Suction Filling.

- 4.2.1. Raise the container of coolant level with the fill point. Insert the multi-fit rubber cone into the filler neck of the radiator (or header tank, if fitted). Support the air line so that VS0041 is not pulled off centre.

NOTE: On some vehicles fitted with an overflow tank, it may be necessary to clamp the overflow hose (fig.3).

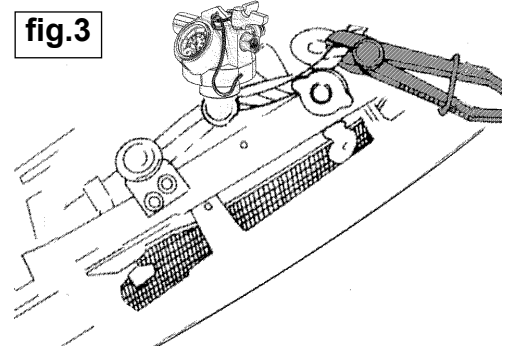
- 4.2.2. Place the filler hose into the container of coolant. Ensure that the end of the hose remains submerged throughout the filling process.

4.2.3. Check that the coolant tap is in the closed (fully to the right or left) position.

NOTE: During the following procedure the radiator hoses will collapse under the vacuum being generated - this is normal.

- 4.2.4. Open the vacuum tap (middle position) and allow the air to evacuate until the gauge reads 50-60cmHg.
- 4.2.5. When the gauge is reading 50-60cmHg and has stopped rising close the vacuum tap by pushing the lever fully to the left or right and check the gauge over the next 3 minutes. If the gauge reading drops there is a system leak which will require locating and rectifying before proceeding further.
- 4.2.6. Apply a downward force during filling. Open the coolant tap fully and coolant will flow into the cooling system. For best results raise the coolant container above the level of the filler neck.
- 4.2.7. When the gauge reads '0' turn the coolant tap to the off position and remove VS0041 from the filler neck. If necessary top-up the coolant to the specified level and refit the pressure cap. The system is filled and free from air locks.
- 4.2.8. Start the engine and run until normal operating temperature is reached. Allow to cool and top-up coolant if necessary.
- 4.2.9. It is advisable to now pressure test the system and to check the operation of the thermostat and cooling fan(s).
- 4.2.10. When not in use, disconnect from air supply, clean and store in a safe, dry, childproof location.

fig.3



5. MAINTENANCE

WARNING! Disconnect gun from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. Use genuine parts only. Unapproved parts may be dangerous and will invalidate the warranty.

Air supply faults may cause loss of power or erratic action. Reduced compressor output, excessive drain on the air line, moisture or restrictions in air pipes or the use of hose connections of improper size may reduce air supply.

6. DECLARATION OF CONFORMITY

Declaration of Conformity



We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives. The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

COOLING SYSTEM FILLER
Model: VS0041

97/23/EC Pressure Equipment Directive
93/68/EEC Marking Directive

Signed by Tim Thompson
2nd July 2007

For Jack Sealey Ltd. Sole importer into the UK of
Sealey Professional Tools.

Parts support is available for this product. To obtain a parts listing and/or diagram,
please log on to www.sealey.co.uk, email sales@sealey.co.uk or phone 01284 757500.

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 equipment.
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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