



INSTRUCTIONS FOR:

TURBO SYSTEM LEAKAGE TESTER - HGV

MODEL NO: **CV2030**

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.

1. SAFETY

- WARNING!** Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using this equipment.
- ✓ Read instructions thoroughly to ensure safe and effective use. **Important! Read instructions in conjunction with vehicle or equipment manufacturer's workshop manual.**
- ✓ Maintain the apparatus in good condition (use an authorised service agent). Before each use check condition of each component. If any component is damaged, replace immediately. Use genuine parts only. Unauthorised parts may not function correctly and will invalidate the warranty.
- ✓ Use in a suitable work area. Keep area free from unrelated materials and ensure that there is adequate lighting.
- WARNING!** Always wear approved eye (or face) and hand protection when pressure leakage testing.
- ✓ Keep children and unauthorised persons away from the working area.
- x **DO NOT** operate the leakage tester when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** clean the equipment with solvents or other harsh chemicals.
- x **DO NOT** use the leakage tester for any purpose other than that for which it is designed.
- ✓ When not in use return parts to the case, and store it in a safe, dry, childproof location.

2. INTRODUCTION

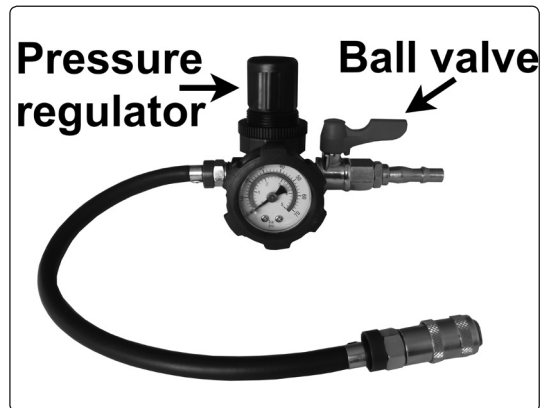
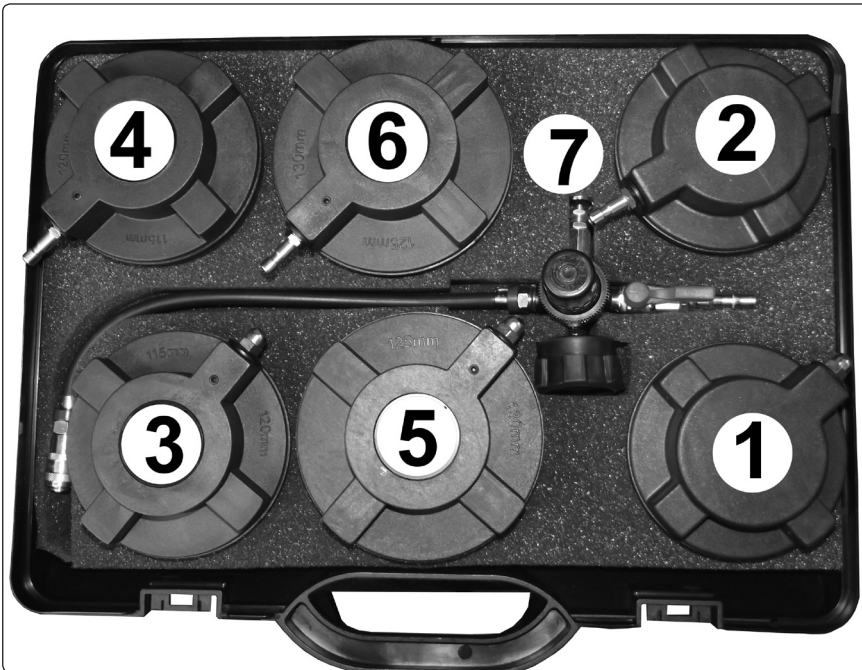
Designed to charge the turbo/intercooler system with a low pressure of regulated workshop air to show the presence of leaks within the system. Kit supplied with three pairs of stepped adaptors to fit most sizes of hose found on commercial vehicles. Features a pressure gauge, shut off valve and pressure relief valve. Supplied in storage case.

3. SPECIFICATION

Model No: **CV2030**

Adaptor Sizes: 105-110mm, 115-120mm, 125-130mm

4. CONTENTS

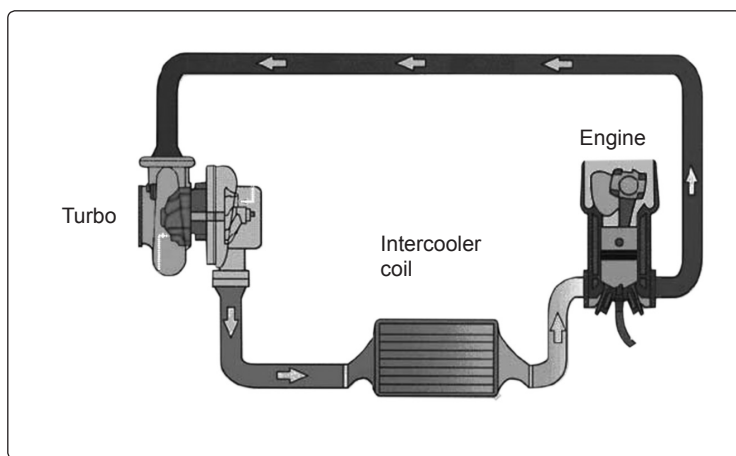


No:	Part No:	Description
1	CV2030.01	105/110mm Adaptor Air Coupling
2	CV2030.02	105/110mm Adaptor Blank End
3	CV2030.03	115/120mm Adaptor Air Coupling
4	CV2030.04	115/120mm Adaptor Blank End
5	CV2030.05	125/130mm Adaptor Air Coupling
6	CV2030.06	125/130mm Adaptor Blank End
7	CV2030.07	Pressure Regulator

5. OPERATION

- 5.1. Follow the manufacturer's instructions for the removal, if required, of the device or hose to be tested. Use gloves and arm protection if the system is known to be hot.
- 5.2. Connect an air line with known air pressure to the regulator of the tester with the ball valve shut (operating lever at 90° to hose axis). **IMPORTANT! Regulate air pressure in tester to 25psi maximum.** Refer to manufacturer's manual relating to the maximum air pressure of the turbo or other system being tested. Over pressurisation may damage system components.
- 5.3. **Method**
 - 5.3.1. Select the correct air inlet adaptor and plug adaptor by first measuring the aperture diameter and then couple the tester hose to the selected air inlet adaptor.
 - 5.3.2. Set regulator of tester to 5psi to check for large leaks with valve shut (operating lever at 90° to hose axis).
 - 5.3.3. Plug the exit aperture of the system with the plug adaptor.
 - 5.3.4. Connect the inlet adaptor set at 5psi to the entry aperture of the system.
 - 5.3.5. Open valve fully (operating lever in line with hose axis) to check for leaks and or pressurisation up to pre-set (5psi). If a leak is found, by listening or if the pointer falls. Repair the leak and retest.
 - 5.3.6. If no leaks are evident, regulate pressure to 10psi and check for leaks and or pressurisation up to pre-set (10psi). If a leak is found, by listening or if the pointer falls, it indicates that the system has a leak resulting in loss of pressure. Repair the leak and retest.
 - 5.3.7. If no leaks evident, regulate pressure to a maximum of 15psi or to the manufacturer's maximum pressure and retest. If a leak is found, by listening or if the pointer falls. Repair the leak and retest. If the gauge pointer remains stationary for one minute it will indicate that the system is in good working order.
 - 5.3.8. Release pressurised system by rotating the ball valve lever to align with hose axis.
 - 5.3.9. Disconnect the quick coupler, clean and return all items to carry case.

System schematic



6. MAINTENANCE

- 6.1. Always keep the plastic adaptors clean and free of oil and grease. Clean them regularly with a non-aggressive cleaner.

Environmental 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 off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

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 telephone 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 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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