



INSTRUCTIONS FOR:  
**GRAVITY & SUCTION FEED AIR DISCHARGE  
CANTILEVER OIL DRAINER**  
Model No: **AK462DX.V2**

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

## 1. SAFETY INSTRUCTIONS

### 1.1. GENERAL SAFETY

- WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ✓ Familiarise yourself with the application and limitations of the oil drainer, as well as the potential hazards.
- WARNING!** Disconnect the drainer from the air supply before changing accessories, servicing or performing any maintenance.
- ✓ Maintain the drainer in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting.
- ✓ Keep the drainer clean for best and safest performance.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- WARNING!** ensure correct air pressure is maintained and not exceeded.
- ✓ 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.
- x **DO NOT** use the drainer for any purpose other than that for which it is designed.
- x **DO NOT** operate the drainer if any parts are damaged or missing as this may cause failure and/or personal injury.
- x **DO NOT** stand on the drainer.
- x **DO NOT** adjust or tamper with the safety valve.
- x **DO NOT** move the drainer by the hose, or yank the hose from the air supply.
- x **DO NOT** place attachments close to your face (especially eyes, ears, etc.) and do not point hose at other persons or animals.
- x **DO NOT** allow untrained persons to operate the drainer.
- x **DO NOT** operate the drainer when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** leave the drainer operating unattended.
- x **DO NOT** direct air from the air hose at yourself or others.
- ✓ When not in use disconnect from the air supply, vent reservoir and store in a safe, dry, childproof area.
- ✓ Dispose of waste oil in accordance with local authority regulations.
- WARNING!** DO NOT pollute the environment by allowing uncontrolled discharge of waste oil.

## 2. INTRODUCTION & ASSEMBLY

### 2.1. Introduction

2.1.1. The AK462DX.V2 has a steel fabricated 100ltr reservoir with suction probes and air discharge. The unit features a cantilever oil drain pan which is suitable for use either under a lift or on the forecourt. Drain pan utilises vacuum suction when in the down position and is fitted with bogey wheels for easy manoeuvring. Fitted with oil level indicator tube and supplied with Mercedes adaptor plus a selection of probes.

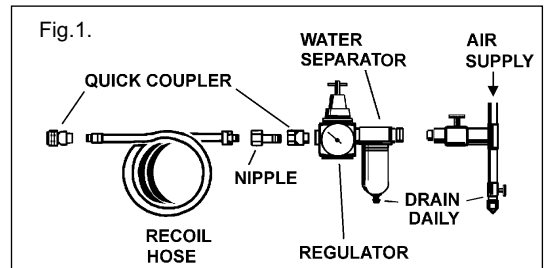
### 2.2. Assembly

**Note: Numbers in brackets refer to item numbers on the Parts Diagram**

- 2.2.1. Remove the bolt, washer and nut (48, 49 & 50) from the support bar (82).
- 2.2.2. Move the support bar (82) to the vertical position and engage the locking pivot bar (78) into the guide on the side of the reservoir.
- 2.2.3. Align the holes in the support bar (82) and the bracket on the oil pan (42), fit the bolt (48) and secure using the washer and nut (49 & 50).
- 2.2.4. Loosen the handle retaining bolts at the back of the reservoir, insert the handle and tighten the bolts.
- 2.2.5. The oil drainer is now ready for use.

## 3. AIR SUPPLY

- 3.1. Ensure the air valve is in the "Off" position before connecting to the air supply.
- 3.2. You will require an air pressure of 8 - 9 bar.
- 3.3.  **WARNING!** Ensure the air supply is clean and does not exceed pressures specified in these Instructions. Too high an air pressure and/or unclean air will shorten the drainer life due to excessive wear, and may be dangerous, causing damage and/or personal injury.
- 3.4. Drain the air tank daily. Water in the air line may damage the drainer.
- 3.5. Clean the air inlet filter screen weekly. The recommended hook-up is shown in fig.1.
- 3.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 10mm I.D. and fittings must have the same inside dimensions.
- 3.7. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.



## 4. OPERATION

- WARNING!** Ensure that you read, understand and apply the safety instructions in Section 1.
- WARNING!** Ensure all valves are CLOSED before applying air pressure to the unit.

**Note: Prior to initial use, open all valves, allow any residual pressures to vent and then close all the valves.**

**Note: Numbers in brackets refer to item numbers on the Parts Diagram.**

### 4.1. Gravity feed oil drainer

- 4.1.1. With the oil drainer pan in the raised position, open the oil input valve (95) and the ball tap valve (34).
- 4.1.2. Remove the vehicle's oil drain plug and the oil will drain via the oil pan into the reservoir under gravity.

#### 4.2. Creating a vacuum

- 4.2.1. With all valves closed connect air supply to suction coupling (16) and turn on air supply at a pressure of 8 - 9 bar.
- 4.2.2. Open ball valve (28) and pressure in reservoir will begin to fall as shown on vacuum gauge (81).
- 4.2.3. When vacuum gauge (81) shows 0.8 - 0.9 bar close ball valve (28), turn off air supply and disconnect supply line from coupling (16).
- 4.2.4. The reservoir is now negatively pressurised.

#### 4.3. Suction feed - probes

- 4.3.1. Create a vacuum, as described in paragraphs 4.2.1. to 4.2.3.
- 4.3.2. Select a probe to suit engine to be drained and connect to vacuum hose connection (33).
- 4.3.3. Remove engine oil dipstick and insert probe into dipstick tube.
- 4.3.4. Open ball valve (34) and the oil will be drawn from the sump into the reservoir.

**Note: Once the sump is empty, air will be drawn up probe and reservoir will revert to atmospheric pressure (vacuum gauge will show zero).**

#### 4.4. Suction feed - oil pan

- 4.4.1. Create a vacuum, as described in paragraphs 4.2.1. to 4.2.3.
- 4.4.2. Open the oil inlet valve (95) and the oil will be sucked into the reservoir.

**Note: Once the oil pan is empty, air will be drawn into the pipe (74) and reservoir will revert to atmospheric pressure (vacuum gauge will show zero).**

#### 4.3. Emptying

- 4.3.1. Ensure all valves are closed and connect air supply at a pressure of 2 - 2.5 bar to coupling (16).
- 4.3.2. Open ball tap valve (34) and allow reservoir to pressurise until safety valve vents. Close ball tap valve (34) and disconnect air supply.
- 4.3.3. Place end (51) of drain tube (105) in the waste oil container and then open ball valve (91).
- 4.3.4. When all waste oil is displaced from reservoir any remaining air pressure will be lost. Always confirm that reservoir pressure is zero before closing valve (91).

**Note: Never leave drainer with pressure, or vacuum, in the reservoir.**

- IMPORTANT! Dispose of waste oil in accordance with local authority regulations.**

**Declaration of Conformity** We, the sole UK importer, declare that the product listed below is in conformity with the following standards and directives.

The construction file for this product is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.

**GRAVITY & SUCTION FEED AIR  
DISCHARGE CANTILEVER OIL DRAINER**

**Model: AK462DX.V2**

97/23/EC Pressure Equipment Directive



Signed by Mark Sweetman

7th November 2002

For Jack Sealey Ltd. Sole UK importer of Sealey Power Products.

**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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