



90LTR AIR DISCHARGE MOBILE OIL DRAINER WITH PROBES

MODEL NO: **AK459DX.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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions



Wear eye protection



Wear protective gloves



Wear protective clothing

1. 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.
- ✗ **DO NOT** use the drainer for any purpose other than that for which it is designed.
- ✗ **DO NOT** operate the drainer if any parts are damaged or missing as this may cause failure and/or personal injury.
- ✗ **DO NOT** stand on the drainer.
- ✗ **DO NOT** adjust or tamper with the safety valve.
- ✗ **DO NOT** move the drainer by the hose, or pull the hose sharply from the air supply.
- ✗ **DO NOT** place attachments close to your face and **DO NOT** point hose at other persons or animals.
- ✗ **DO NOT** allow untrained persons to operate the drainer.
- ✗ **DO NOT** operate the drainer when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** leave the drainer operating unattended.
- ✗ **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

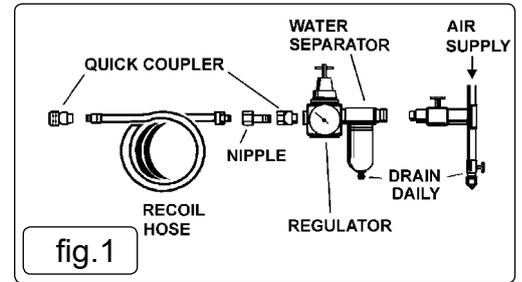
Steel fabricated 90ltr reservoir. Height adjustable steel drain pan, fitted with grid filter. Gravity feed reservoir with air discharge hose. Includes quick release oil dipstick probes, plus adaptors for BMW and VW, powered by venturi suction pump. Fitted with reservoir oil level indicator tube. Heavy-duty wheels and castors for easy mobility.

3. SPECIFICATION

Model No: AK459DX
 Air Discharge: Yes
 Air Inlet Size:..... 1/4"
 Capacity:..... 90ltr
 Gravity Discharge: No
 Gravity Feed: Yes
 Maximum Height to Pan:..... 1750mm
 Maximum Inlet Pressure: 7bar
 Minimum Height to Pan:..... 1300mm
 Nett Weight: 26kg
 Oil Discharge Pressure (bar):..... 0.5bar
 Pump Discharge: No
 Suction Probe: Yes
 Temperature Range: <90°C

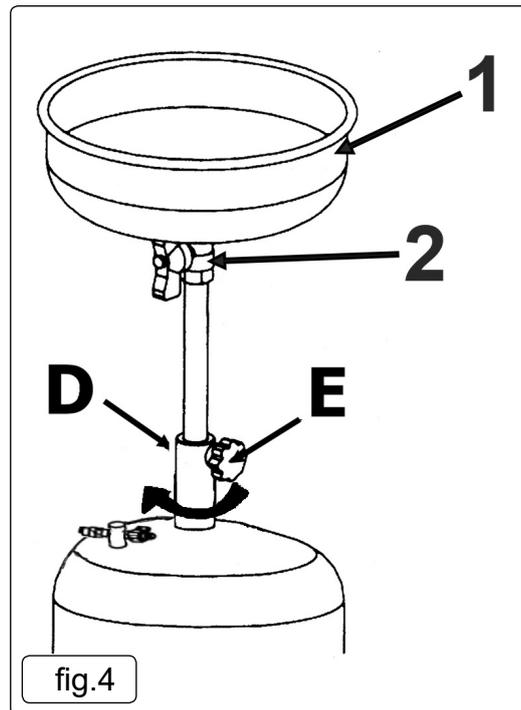
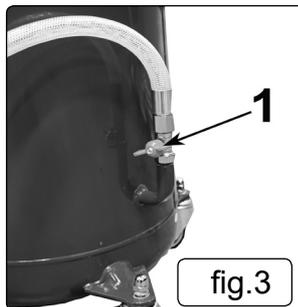
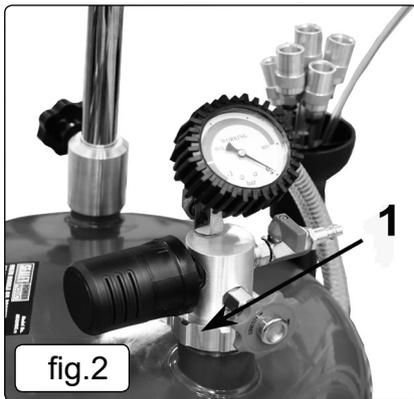
4. AIR SUPPLY

- 4.1. Recommended hook up is shown in fig.1.
- 4.2. Ensure the air valve is in the "Off" position before connecting to the air supply.
- 4.3. You will require an air pressure of 7 bar.
- ☐ **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.
- 4.4. Drain the air tank daily. Water in the air line may damage the drainer.
- 4.5. Clean the air inlet filter screen weekly.
- 4.6. Line pressure should be increased to compensate for unusually long air hoses.



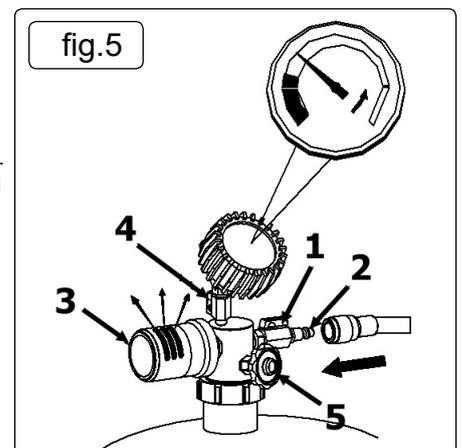
5. ASSEMBLY

- 5.1. Fit the venturi pump and gauge assembly to the reservoir tank, ensure the gasket is properly positioned. Tighten the nut using a suitable wrench (fig.2.1).
- 5.2. Connect the drain hose with the ball valve adaptor on the base of the reservoir (fig.3.1). Secure the hose with the hose clamp provided.
- 5.3. Connect the drain pan (fig.4.1) to the ball valve (fig.4.2). Insert the assembled group into the reservoir tank and tighten the ring sleeve (fig.4D). Adjust the height and lock in position using the hand wheel lock (fig.4E)



6. OPERATION

- ☐ **WARNING:** Ensure that you read, understand and apply the safety instructions in Section 1.
- 6.1. DRAINING:**
- 6.1.1. Close ball valve 2 (fig.6.2) and open valve 6 (fig.6.6).
- 6.1.2. Position the oil drainer beneath a car situated on a lift and drain the waste oil.
- 6.2. SUCTION:**
- 6.2.1. Open valve (fig.6.4) completely by turning it counter-clockwise. Close the suction valve (fig.6.1), close air valve (fig.6.5), and close the drain valves (fig.6.2 and fig.6.6).
- 6.2.2. Connect the compressed air at 7bar (100psi) to quick coupling (fig.5.2), open the ball valve (fig.5.1) and valve (fig.5.4). Air will flow out of the muffler (fig.5.3).
- 6.2.3. When the arrow of the vacuum gauge approaches the red field, after 2.5 - 3 minutes, close the valve (Fig.5.1) then shut off the compressed air. The unit is now depressurized and ready for use.
- NOTE:** Oil should be removed when hot (70-80C). Keep hands, face and body protected using suitable personal protective equipment (PPE). The suction capacity of the unit is equal to 2/3 of its reservoir capacity.
- 6.2.4. With the engine still warm, remove the dipstick and insert the largest probe as far down as it will go.
- 6.2.5. Connect the suction hose to the probe.
- 6.2.6. Open valve (fig.6.1), keeping the probe dipped in oil. As soon as the sump is emptied, close valve (fig.6.1).
- NOTE:** It is also possible to suck hot waste oil while keeping the air connected to the device.



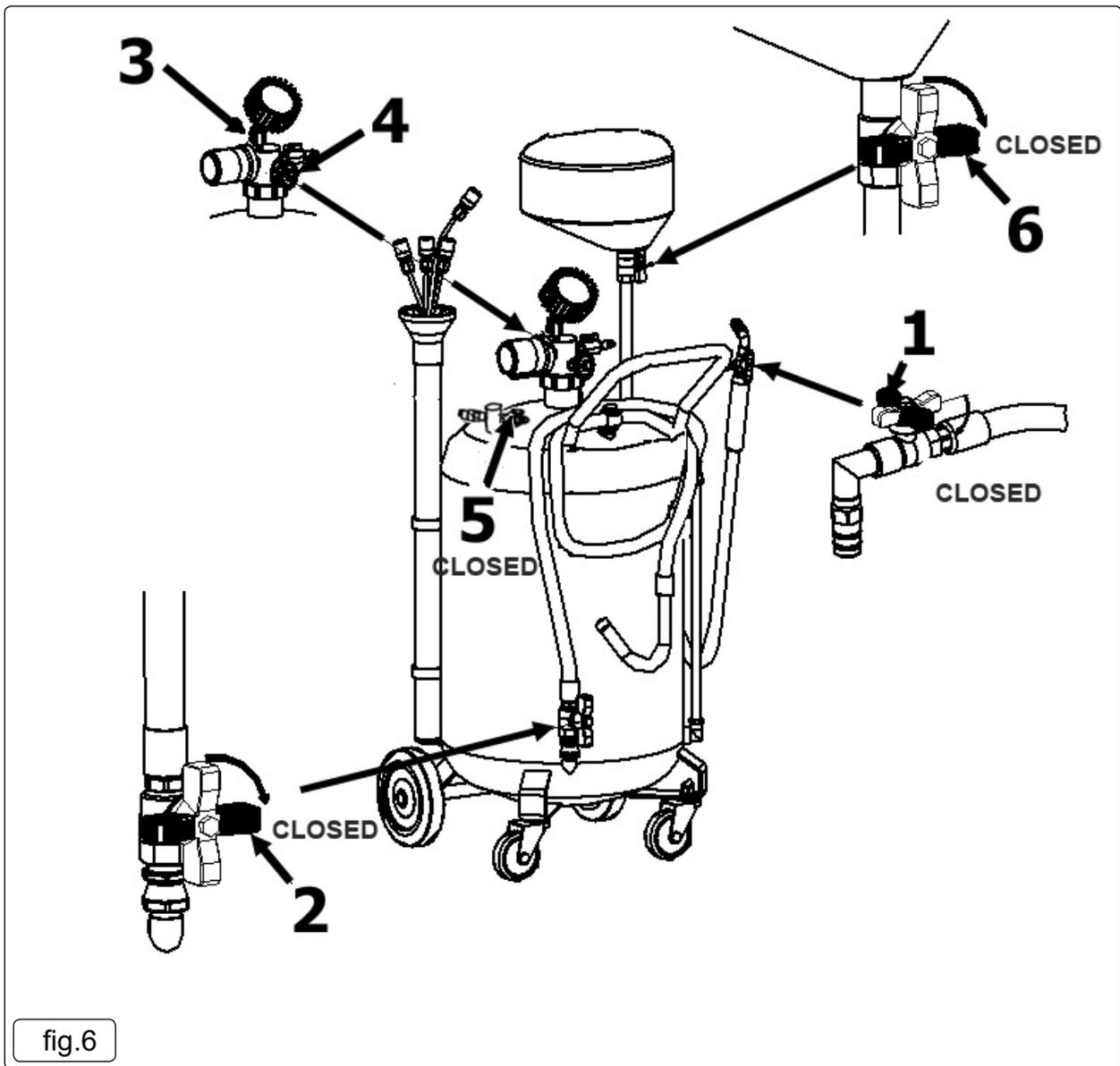


fig.6

6.3. EMPTYING:

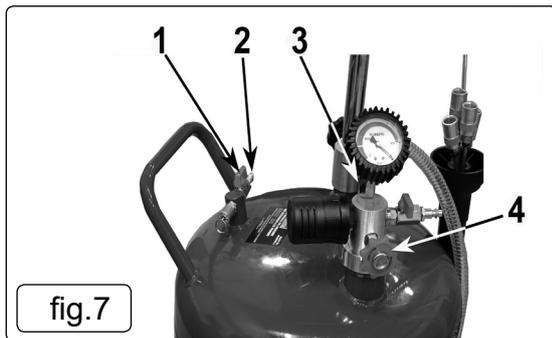


fig.7

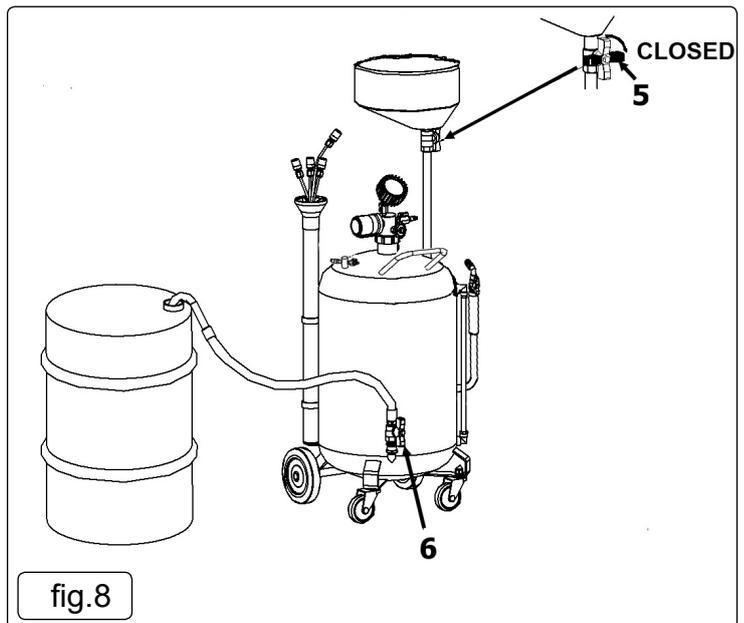


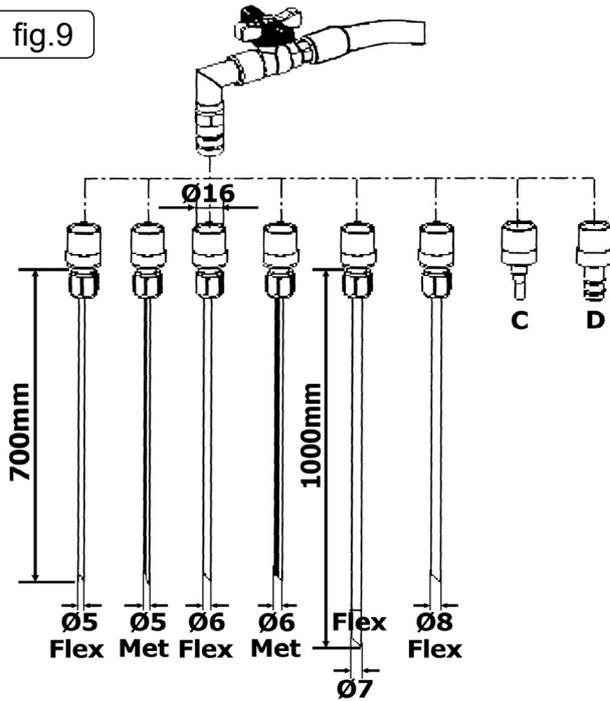
fig.8

- 6.3.1. Make sure valves (fig.7.3,4 and fig.8.5) are closed.
- 6.3.2. Open valve (fig.8.6).
- 6.3.3. Connect compressed air (0.5Bar/7.25psi) to quick coupling (fig.7.2). open the valve (fig.7.1) until all the fluids have been transferred from the reservoir.
- 6.3.4. Disconnect from air supply and vent any pressure remaining in the reservoir by opening drainpan valve (fig.8.5) and/or air valve (fig.7.2).

NOTE: The unit storage tank has been fitted with a safety valve factory calibrated to 0.5Bar/7.25psi.

NOTE: Some cars have a built-in suction probe. In this case, check vehicle manufacturer's data to determine the correct suction probe to be used (fig.9).

fig.9



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.

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