INSTRUCTIONS FOR:

ELECTRIC OIL DRAINER

Model No: **AK466D**

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.**

The use of symbols in this document is to attract your attention to possible danger. The symbols and warnings themselves do not eliminate any danger, nor are they substitutes for proper accident prevention measures.

1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY. ❒ WARNING! It is the user's responsibility to read, understand and comply with the following: You must check all electrical equipment and appliances to ensure they are safe before using. You must inspect power supply leads, plugs and all electrical connections for wear and damage. You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD together with portable products that are plugged into an electrical supply not protected by an RCCB. If in doubt consult a professional electrician. You may obtain a Residual Current Device by contacting your Sealey dealer. ***You must*** also read and understand the following instructions concerning electrical safety.

1.1.1. The ***Electricity At Work Act 1989*** requires all portable electrical appliances, if used on a business premises, to be tested by a qualified Electrician at least once a year by using a Portable Appliance Tester (PAT).

1.1.2. The ***Health & Safety at Work Act 1974*** makes owners of electrical appliances responsible for the safe condition of the appliance, and the safety of the appliance operator. ***If in any doubt about electrical safety, contact a qualified electrician.***

1.1.3. Ensure the insulation on all cables and the product itself is safe before connecting to the mains power supply. See 1.1.1. & 1.1.2. above and use a Portable Appliance Tester (PAT).

1.1.4. Ensure that cables are always protected against short circuit and overload.

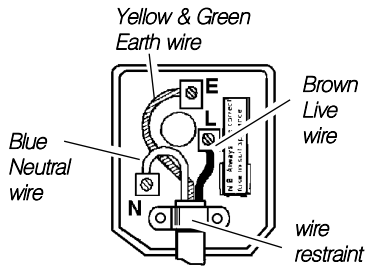
1.1.5. Regularly inspect power supply, leads, plugs and all electrical connections for wear and damage, especially power connections, to ensure that none are loose.

1.1.6. ***Important:*** Ensure the voltage marked on the product is the same as the electrical power supply to be used, and check that plugs are fitted with the correct capacity fuse. A 13Amp plug may require a fuse smaller than 13Amps for certain products (*subject to 1.1.10. below)* see fuse rating at right.

1.1.7. DO NOT pull or carry the powered appliance by its power supply lead.

1.1.8. DO NOT pull power plugs from sockets by the power cable.

1.1.9. DO NOT use worn or damaged leads, plugs or connections. Immediately replace or have repaired by a qualified Electrician. A U.K. 3 pin plug with ASTA/BS approval is fitted. In case of damage, cut off and fit a new plug according to the following instructions (discard old plug safely).
(UK only - see diagram at right). ***Ensure the unit is correctly earthed via a three-pin plug.***
a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
b) Connect the BROWN live wire to live terminal 'L'.
c) Connect the BLUE neutral wire to the neutral terminal 'N'.
After wiring, check there are no bare wires, that all wires have been correctly connected and that the wire restraint is tight.
Double insulated products are often fitted with live (BROWN) and neutral (BLUE) wires only. Double insulated products are always marked with this symbol ⧈. ***To re-wire, connect the brown & blue wires as indicated above. DO NOT*** *connect the brown or blue to the earth terminal.*



FUSE RATING
THIS PRODUCT MUST BE FITTED WITH A: 13 Amp FUSE

1.1.10. **Cable extension reels**. When a cable extension real is used it should be fully unwound before connection. A cable reel with an RCD fitted is recommended since any product which is plugged into the cable reel will be protected. The section of the cable on the cable reel is important. We recommend that at least 1.5mm² section cable but to be absolutely sure that the capacity of the cable reel is suitable for this product and for others that may be used in the other output sockets, we recommend the use of 2.5mm² section cable.

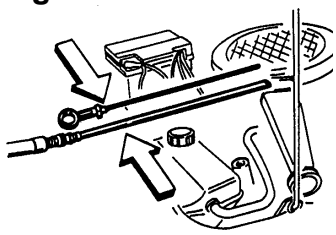
1.2 GENERAL SAFETY

❒ **WARNING!** Disconnect the pump from the mains power before changing accessories, servicing or performing any maintenance.
✓ Keep the pump clean and maintain it in good condition (use an authorised service agent).
✓ Replace or repair damaged parts. *Use genuine parts only. Non authorised parts may be dangerous and will invalidate the warranty.*
✓ Locate pump in adequate working area for its function, keep area clean & tidy and free from unrelated materials. Ensure there is adequate lighting.
✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain and/ or tie back long hair.
✓ Sump oil temperature should be 50°C or above for extraction. Ensure you wear appropriate protective clothing and gloves.
✓ Keep all non essential persons away from the working area.
✓ Check pump connections and fitting before use. When the pump is turned on check that there are no leaks.
✓ Ensure the collection tank reservoir capacity exceeds waste oil amount to be collected.
✓ Avoid unintentional starting of the pump and ensure end nozzle is correctly inserted into the dip stick access hole before operating.
✗ DO NOT use the pump for any purpose other than for which it is designed.
✗ DO NOT use to extract diesel, petrol or flammable liquids.
✗ DO NOT operate the pump if any parts are damaged or missing as this may cause failure or possible personal injury.
✗ DO NOT pull or yank any pipes or hose, and do not attempt to move the pump by pulling the hose or cable.
✗ DO NOT leave the pump operating whilst unattended.
✗ DO NOT direct the nozzle at yourself or others.
✗ DO NOT pull the cord from the power supply.
❒ ***WARNING!*** *DO NOT allow uncontrolled discharge of fluids thus polluting the environment.*
✓ Dispose of waste oil in accordance with local authority regulations.
✓ When not in use unplug from the mains power supply and store in a safe, dry, child proof area

2. INTRODUCTION

The unit is designed to extract oil through the engine dip stick hole. The 12 litre capacity tank allows for safe collection and disposal of waste oil. The unit comes complete with rigid and flexible Ø6mm and Ø8mm suction hoses and a 2 metre suction hose with control tap. The unit is fitted with a 230V 800Watt electric motor.

fig 1.



3. OPERATING INSTRUCTIONS

Unpack the product and check contents, should there be any damaged or missing parts contact your supplier immediately. Store the sump extraction probes in storage pipe on the back of the trolley Ensure you have read, understood and apply the safety instructions.

3.1. To achieve oil extraction the sump oil temperature must be 50ºC or above.
3.2. Check that the waste oil canister cap is correctly screwed on, and the hose tap is turned off.
3.3. Choose the appropriate extraction probe (diameter, flexible or rigid) for the type of vehicle, and push it onto the hose end.
NOTE: To provide a faster extraction, the wider diameter probe is preferred where access allows.
3.4. Check length of the dip stick against the length of the probe (fig 1) to establish an approximate depth, and mark the probe at this point.
3.5. Insert the probe through the dip stick entry hole (fig 2) and gently push the probe down to the bottom of the sump.
3.6. Switch the pump on and open the hose tap. The pressure gauge (fig 3) should register 40cm hg or above as extraction commences.
3.7. When sump is empty the pressure gauge will indicate zero. Move probe around the bottom of the sump to extract any remaining oil.
3.8. Switch the pump off, turn off the hose tap and remove the extraction probe from the sump.
3.9. When extraction is complete unplug from the mains power supply.
3.10. Dispose of waste oil in accordance with local authority regulations.

fig 2.

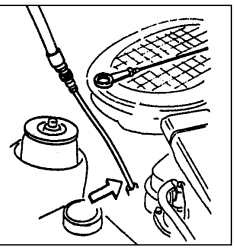
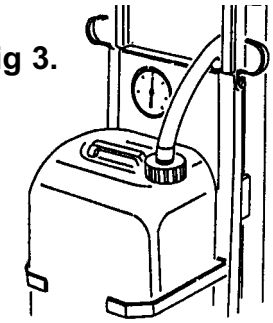


fig 3.



FAULT FINDING.

Should the pressure gauge not reach the required 40cm hg check the following:
a) Ensure the probe has been pushed deep enough to access the oil.
b) Air leak. Ensure all joints and seals on the pump unit and hose are tight.
c) The oil is below the 50°C temperature
c) The extraction may be complete.

Motor not working:
a) Check electrical supply and connections.
b) Check there are no foreign objects blocking or passing through the motor's front grill.

4. MAINTENANCE

❒ **WARNING! Ensure the drainer is disconnected from the mains electrical supply before attempting any maintenance.**
Keep the unit clean, wipe off any oil spillage.
Keep the probes clean and check that the tubes are clear.
Check that all tubes, hoses, and connections are in good condition.
Regularly check all electrical connections.
To maintain the motor use an authorised service agent.

ELECTRIC OIL DRAINER
Model AK466D
73/23/EEC Low Voltage Directive (S.I. 1994/3260)
89/336/EEC EMC Directive (S.I. 1992/2372 & Amends)
98/37/EC Machinery Directive

Declaration of Conformity We, the sole importer into the UK, declare that the product listed here is in conformity with the following EEC standards and directives

CE 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

Signed by Mark Sweetman 1st March 2000

For Jack Sealey Ltd. Sole importer into the UK of Sealey as Power Products.