SEALEY POWER TOOLS

Instructions for:
18V MULTIPURPOSE ROTARY TOOL
Model No: **E5885/50**

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. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY (Transformer)

❒ **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 with portable products that are plugged into an electrical supply not protected by an RCCB. If in doubt consult a qualified 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 business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.

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 for wear and damage and all electrical connections to ensure that none is loose.

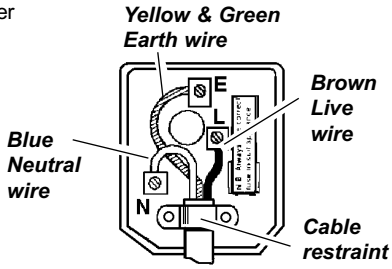
1.1.6. ***Important:*** Ensure the voltage marked on the product is the same as the electrical power supply to be used and check that plugs are fitted with the correct capacity fuse. A 13 amp plug may require a fuse smaller than 13 amps for certain products, see fuse rating at right.

1.1.7. **DO NOT** pull or carry the tool 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'.
d) After wiring, check there are no bare wires, that all wires have been correctly connected, that cable outer insulation extends beyond the cable restraint and that the restraint is tight.



FUSE RATING
THIS PRODUCT MUST BE FITTED WITH A
3 AMP FUSE

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.*

1.1.10. Some products require more than a 13 amp electrical supply. In such a case, *NO* plug will be fitted. ***You must*** contact a qualified electrician to ensure a 30 amp fused supply is available. We recommend you discuss the installation of a industrial round pin plug and socket with your electrician.

1.1.11. **Cable extension reels**. When a cable extension reel 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 cores of the cable is important. We suggest 1.5mm² section as a minimum 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

✓ Only power the tool from the transformer supplied.
✓ Disconnect the transformer from the power supply before changing accessories, servicing or performing any maintenance.
✓ Maintain tool and accessories in good condition. Check moving parts and alignment. If necessary use an authorised service agent.
✓ Replace or repair damaged parts. Use recommended parts only. Non-authorised parts may be dangerous and will invalidate the warranty.
✓ Wear approved safety eye protection with side shields and a dust mask if generating dust.
✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain long hair.
✓ Use the tool in a suitable working area, keep area clean and tidy and free from unrelated materials and ensure that there is adequate lighting.
✓ Prevent body contact with earthed surfaces to avoid electric shock e.g. pipes, radiators, refrigerators etc.
✓ Maintain correct balance and footing. **DO NOT** over-reach, ensure the floor is not slippery and wear non-slip shoes.
✓ Keep children and unauthorised persons away from the working area.
✓ Secure non-stable work piece with a clamp, vice or other adequate holding device.
✓ Avoid unintentional starting.
✓ Keep the tool clean for best and safest performance.
✗ **DO NOT** use the tool for a task it is not designed to perform.
✗ **DO NOT** operate tool where there are flammable liquids or gases.
✗ **DO NOT** get the tool or transformer wet or use in damp or wet locations.
✗ **DO NOT** carry the tool or the transformer by the cable.
✗ **DO NOT** hold unsecured work in your hand.
✗ **DO NOT** leave the tool running unattended.

✗ **DO NOT** operate the tool if any parts are missing or damaged as this may cause failure and/or personal injury.
✗ **DO NOT** operate the tool when you are tired, under the influence of alcohol, drugs or intoxicating medication.
✓ When not in use switch tool off, unplug transformer from the power supply, store both in the case and put in a dry, childproof area.

2. TECHNICAL SPECIFICATION

Input Power . . . . . .18V.DC. - 18W
Speed Range . . . . . .0 - 20 000 rpm
Speed Settings . . . . . .Variable
Collet Capacities 1.2/1.8/2.4mm
Weight 230g
Transformer Input 230V.AC 50Hz
Transformer Output 18V.DC 1amp

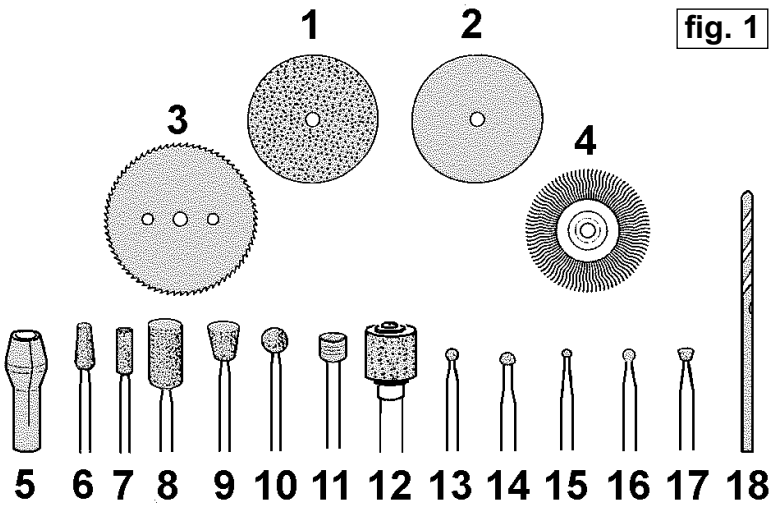


fig. 1

3. CONTENTS

3.1. Check contents against the following list.
If any items are missing or damaged contact your supplier immediately.
• Tool • Transformer • Screwdriver
• Spanner • Accessories - see fig.1

1) Cutting Disc x 10
2) Polishing Wheel x 6
3) Circular Saw x 5
4) Wheel Brush - Steel x 1, Brass x 1
5) Collet x 3 - Ø1.2, 1.8, 2.4mm
6) Grinding Bit - Cone
7) Grinding Bit - Small Cylinder
8) Grinding Bit - Large Cylinder
9) Grinding Bit - Inverted Cone
10) Grinding Bit - Ball
11) Tool Holder x 2
12) Sanding Band Holder x 2
13) Diamond Grinding Bit - Ø1.8mm
14) Diamond Grinding Bit - Ø2.3mm
15) Ball Burr - Ø1.4mm
16) Ball Burr - Ø2.3mm
17) Burr - Inverted Cone
18) Twist Drill x 6 - Ø0.8, 1.0, 1.2, 1.4, 1.6, 1.8mm

4. OPERATING INSTRUCTIONS

4.1. Connection

4.1.1. Ensure that On/Off switch (see fig.2) is in the 'Off' position ('OFF' revealed on switch plate).

4.1.2. Insert plug on end of tool cable into socket in base of transformer (see fig.3).

4.1.3. Plug transformer lead into mains socket.

❒ **WARNING! Use only the transformer supplied. DO NOT connect the tool to any other type of power supply.**

4.2. Fitting accessories

4.2.1. Ensure tool is switched off and transformer is unplugged from the mains power supply.

4.2.2. Press the spindle lock button, see fig.4, and slowly turn the collet nut until the spindle lock engages.

4.2.3. Retain pressure on the spindle lock button and turn the collet nut anticlockwise to open the collet. **Note: Never press the spindle lock button when the tool is running.**

4.2.4. The required accessory may now be fitted into the collet. Fully insert accessory shaft to reduce risk of bending in use. Tightened collet nut firmly. Finally release the spindle lock button.

4.2.5. To change collets, proceed as 4.2.1. to 4.2.3. but continue to unscrew collet nut until it can be removed from the spindle. Change collets and replace collet nut. See fig.4.

4.2.6. Select the speed required on variable speed control. Small accessories require high speed and large accessories low speed. If in doubt, start on a low setting and gradually increase until the best performance is obtained.

4.2.7. Check that 'On/Off' switch is 'Off' and then connect to mains supply. Turn 'On/Off' switch to 'On'. **DO NOT switch on with tool bit touching workpiece. Always allow bit to reach full speed before applying to workpiece.**

Note: If overloaded, the transformer will automatically cut-out. When overload is removed the transformer will reset.

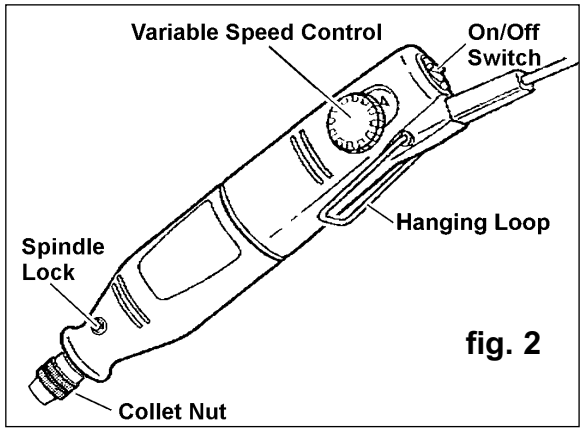


fig. 2

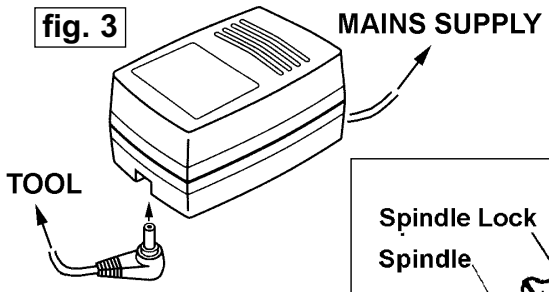


fig. 3

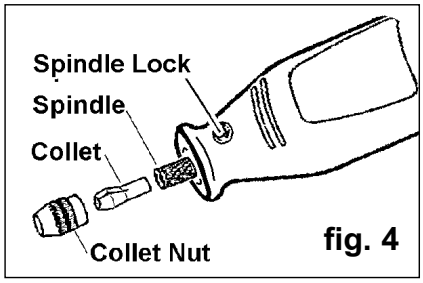


fig. 4