



Instructions for:
AIR DIE GRINDER
 Model No: **SA672-3**

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 OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- 3 Disconnect the grinder from the air supply before changing accessories, servicing or performing any maintenance.
- 3 Maintain the grinder in good condition (use an authorised service agent).
- 3 Replace or repair damaged parts. *Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.*
- 3 Keep the grinder clean for best and safest performance and check moving parts alignment regularly.
- p **WARNING!** ensure the correct air pressure is maintained and not exceeded.
- 3 Before each use check all abrasive attachments for condition. If worn or damaged replace immediately.
- 3 Ensure there are no flammable or combustible materials near the work area.
- 3 Wear approved safety eye protection, ear defenders, and if dust is generated respiratory protection.
- 3 Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain long hair.
- 3 Locate the grinder in an adequate working area for its function, keep area clean and tidy and free from unrelated materials, and ensure there is adequate lighting.
- 3 Keep hoses away from heat, oil and sharp edges. Check hoses for wear before each use. Make certain that all connections are secure.
- 3 Maintain correct balance and footing, do not over reach. Ensure the floor is not slippery and wear non skid shoes.
- 3 Keep children and unauthorised persons away from the working area.
- 3 Secure non stable work piece with a clamp, vice or other adequate holding device.
- 3 Avoid unintentional starting.
- 7 DO NOT place attachments close to your face and do not point at other persons or animals.
- 7 DO NOT force the grinder to achieve a task it was not designed to perform.
- 7 DO NOT operate the grinder when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- 7 DO NOT allow untrained persons to operate the grinder
- 7 DO NOT direct air from from the air hose at yourself or others..
- 7 DO NOT use the grinder where there are flammable liquids, solids or gases such as paint solvents, etc.
- 7 DO NOT use quick change couplings attached to the tool.
- 7 DO NOT hold unsecured work in your hand.
- 7 DO NOT leave the grinder operating whilst unattended.
- 7 DO NOT carry the by the hose, or yank the hose from the air supply.
- 3 When not in use switch the grinder off, disconnect from the air supply, and store in a safe, dry, child proof area.

2. SPECIFICATION

One-handed straight-type die grinder with aluminium body and trigger with safety catch. Chuck accepts grinding points with a 6mm shank and is suitable for automotive and industrial applications.

Collet size . . . . .	.6mm	Length . . . . .	.235mm
Free speed . . . . .	.25000rpm	Weight . . . . .	.0.55kg
Air consumption . . . . .	.16CFM	A-weighted sound . . . . .	.83.5 dB
Operating pressure . . . . .	.90psi	C-weighted sound . . . . .	.86.9 dB
Air inlet size . . . . .	.1/4" BSP		



3. AIR SUPPLY

- 3.1. Ensure the throttle is in the "off" position before connecting to the air supply.
- 3.2. p **WARNING!** Ensure the air supply does not exceed 90 PSI while running the tool. Too high an air pressure and unclean air will shorten the grinders life due to excessive wear, and may be dangerous causing possible damage and personal injury.
- 3.3. Drain the air tank daily. Water in the air line will damage the tool.
- 3.4. Clean the air inlet filter screen weekly. The recommended hook-up procedure can be viewed in fig 1.
- 3.5. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
- 3.6. Use correct hoses and fittings.
 DO NOT use quick change couplings as they add weight and can cause failure due to vibration. Add a leader hose and connect coupling between air supply and hose whip.
- 3.7. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.

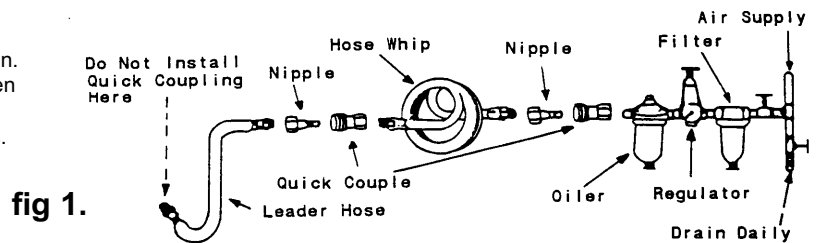


fig 1.

4. ASSEMBLY & OPERATING INSTRUCTIONS

4.1. Assembly.

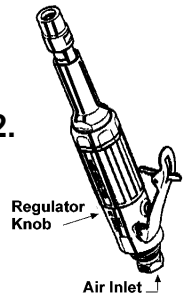
- 4.1.1. Remove items from packing and ensure everything is in good order and condition. If you experience any problem contact your supplier immediately.
- 4.1.2. Chose the appropriate grinding attachment suited for the job and attach it to the tool using the two wrenches to open and secure the chuck.

4.2. Operating the grinder.

The SA672-3 is designed for finishing small metallic items or similar materials, and for grinding in difficult hard to reach areas. We do not recommend any other use.

- 4.2.1. Ensure the RPM rating of accessories are equal or exceed the RPM rating of the grinder.
- 4.2.2. Attach the grinder to the air supply read chapter 3.
- 4.2.3. To start the grinder squeeze the throttle accordingly (fig 2).
- 4.2.4. If there is no means of regulating the air, the air grinder regulator can be used as an air throttle. Adjust the air regulator knob for maximum power.
- 4.2.5. When work is complete clean the grinder and accessories and store in a dry, safe, childproof area.

fig 2.



5. MAINTENANCE

Maintenance must only be undertaken by qualified persons. Ensure the grinder is disconnected from the air supply before commencing.

5.1 Lubrication.

Lubricate the air tool daily with a good grade of air tool oil such as Sealey ATO/500 or ATO/1000. If air tool oil is unavailable, a rust inhibitive oil available from auto supply stores is acceptable for air tools. Pour a teaspoon of oil into the tool's air inlet or into the hose at the nearest connection to the air supply then run the grinder for a short time.

5.2. Factors effecting grinder performance.

The follow are factors which may cause loss of power or erratic grinding action.

- a) Reduced compressor output.
- b) Excessive drain on the air line.
- c) Moisture or restrictions in air pipes.
- d) Wrong size hose connections.
- e) Grit or gum deposits in tool may cut power. Correct by cleaning the air strainer and flushing out tool with gum solvent oil or an equal mixture of SAE no.10 oil and kerosene.
- f) If unspecified problems arise check for worn or damaged internal parts, replace and lubricate Alternatively take tool to your nearest authorised service dealer.

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

Die Grinder Model No:SA672-3

prEN 792-989/336/EEC

EMC Directive (S.I. 1992/2372 & Amendments)



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

Signed by John Sealey  Date 1st April 1998

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

IMPORTANT

NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THIS EQUIPMENT.

WARRANTY

GUARANTEE IS 12 MONTHS FROM PURCHASE DATE. PROOF OF PURCHASE WILL BE REQUIRED FOR ANY CLAIM.

INFORMATION

PLEASE CALL US FOR A COPY OF OUR LATEST CATALOGUE.



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