

Issued: 20/0704
Issue No: 1

Item	Part No	Description	Item	Part No	Description	Item	Part No	Description
1	SA25.V3-01	Housing	18	SA23S.V3-14	Bearing	31	SA25.V3-32	Nut
2	SA25.V3-02	Valve bushing	19	SA25.V3-19	End plate	32	PTC/3C	Cutting wheel
3	SA25.V3-03	Trigger complete	20	SA25.V3-20	Ball	33	SA25.V3-34	Washer
7	SA25.V3-07	Pin	21	SA25.V3-21	Rotor	34	SA25.V3-35	Bolt
8	SA25.V3-08	O-ring	22	SA23S.V3-17	Rotor blade	35	SA23.V3-36	Wrench
9	SA25.V3-09	O-ring	23	SA23S.V3-18	Cylinder	36	SA25.V3-37	Wrench
10	SA25.V3-10	Valve stem	24	SA25.V3-24	Washer	37	SA25.V3-38	Muffie
11	SA25.V3-11	Spring	25	SA25.V3-25	Washer			
12	SA25.V3-12	Air regulator	25b	SA25.V3-26	Front plate			
13	SA25.V3-13	O-ring	26	SA23S.V3-19	Pin			
14	SA25.V3-14	O-ring	27	SA25.V3-28	Bearing			
15	SA25.V3-15	Valve plug	28	SA25.V3-29	Collet holder			
16	SA25.V3-16	Muffie cover	29	SA25.V3-30	Retainer			
17	SA22.V3-11	Air inlet	30	SA25.V3-31	Plastic protector			

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 equipment.

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.

SEALEY POWER TOOLS Sole UK Distributor,
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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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- ✓ Follow all workshop health & safety rules, regulations, and conditions when using tool.
- ❑ **WARNING!** Disconnect from air supply before changing cutting disc or servicing.
- ✓ Maintain tool in good condition and replace any damaged or worn parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ❑ **WARNING!** Check correct air pressure is maintained and not exceeded. We recommended 90psi.
- ✓ 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.
- ❑ **WARNING!** Before each use check cutting disc is secure, and the disc is not worn or damaged. If damaged replace immediately.
- ✓ Ensure replacement discs are not damaged in any way such as cracks, deformations or splinters etc. Also check the mounting washer to ensure it is not deformed, burred or notched. Damaged washer must not be used as it will cause irregular pressure on the disc which may cause the disc to break. DO NOT over tighten a disc and never tamper with a disc in order to adapt it to a different size holder.
- ✓ Always use the correct disc suitable for the material being cut. Ensure the maximum speed specification of the cutting disc is higher than that indicated on the machine data plate.
- ❑ **WARNING!** Keep disc guard in place, tight and in good working order. The safety guard is a mandatory fitting where tool is used in premises covered by the Health & Safety at Work Act.
- ❑ **WARNING!** Always wear approved eye and face protection when operating the tool.
- ✓ Use breathing protection in accordance with COSHH regulations if fumes or dust pose a hazard.
- ✓ Wear ear defenders and gloves if necessary.
- ✓ Keep hands and body clear of the workpiece when operating the tool.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Secure unstable workpiece with a clamp, vice or other adequate holding device.
- ✓ Keep children and non essential persons away from the working area.
- ✓ Avoid subjecting disc to excessive strain, always ease disc down against workpiece (a harsh impact may break the disc). Do not over-press in order to cut workpiece. Maintain a controlled adequate progression, which will emit a minimum of sparks.
- ✗ DO NOT hold the workpiece by hand. Use clamps or a vice to secure the workpiece.
- ✗ DO NOT use the tool for a task it is not designed to perform.
- ❑ **WARNING!** DO NOT use tool if damaged or faulty. Contact your local service agent.
- ✗ DO NOT use tool unless you have been instructed in its use by a qualified person.
- ✗ DO NOT position your body in line with the disc whilst cutting, and DO NOT remove the safety guard whilst in use.
- ✗ DO NOT carry the tool by the air hose, or yank the hose from the air supply.
- ✗ DO NOT direct air from the air hose at yourself or others.
- ❑ **WARNING!** DO NOT cut any materials containing asbestos.
- ✗ DO NOT switch the tool on whilst the disc is in contact with the workpiece.

- x DO NOT allow workpiece to over heat. Periodically cool by immersing the workpiece in water.
- x DO NOT use tool where there are flammable liquids, solids or gases such as paint solvents, including waste wiping or cleaning rags etc as any sparks generated may be dangerous.
- x DO NOT touch the workpiece close to the cut as it will be very hot. Allow to cool.
The workpiece may also be very sharp.
- x DO NOT operate tool if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.

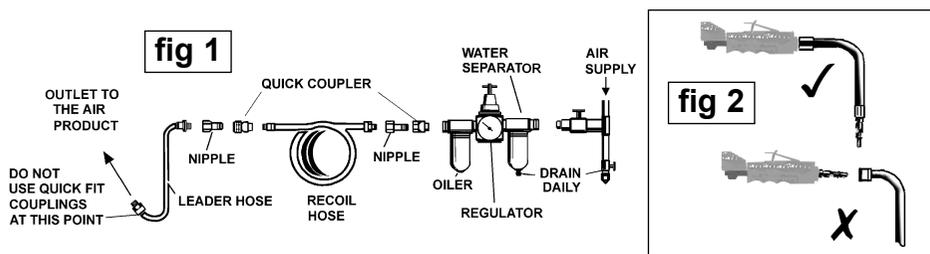
2. INTRODUCTION & SPECIFICATIONS

Versatile tool, suitable for cutting car panel thickness material. Ideal also for cutting exhaust brackets. Fitted with metal safety guard and throttle safety device to prevent accidental operation. Cutting disc not included.

Disc size 75x2x10mm	Operating pressure 90psi
Free speed 20,000rpm	Air inlet size 1/4" BSP
Air consumption 4cfm	Weight 0.8kg
Cutting wheel part no: PTC/3C	Noise Level 88/100dB.A

3. PREPARING TOOL FOR USE

- 3.1. AIR SUPPLY** (Recommended hook-up procedure is shown in fig 1.)
- 3.1.1. Ensure tool air valve (or trigger) is in "off" position before connecting to the air supply.
 - 3.1.2. You will require an air pressure of 90psi, and an air flow according to specification.
 - 3.1.3. **WARNING!** Ensure the air supply is clean and does not exceed 90 psi while operating the tool. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage and/or personal injury.
 - 3.1.4. Drain the air tank daily. Water in the air line will damage the tool.
 - 3.1.5. Clean air inlet filter weekly.
 - 3.1.6. 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.
 - 3.1.7. Keep hose away from heat, oil and sharp edges. Check hose for wear, and make certain that all connections are secure.
- 3.2. COUPLINGS**
Vibration may cause failure if a quick change coupling is connected directly to the tool. To overcome this, connect a leader hose to the tool. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See fig 1 & 2.



4. OPERATING INSTRUCTIONS

- 4.1. FITTING CUTTING DISC**
- WARNING!** Disconnect from the air supply before changing disc.
 - 4.1.1. Use hex key to remove hex screw (item 34 on the parts list) and washer (33).
 - 4.1.2. Place the cutting disc onto the spindle.
 - 4.1.3. Replace the washer and secure with hex screw, but do not over tighten.
Check that replacement disc is not damaged, (cracks, deformations or splinters etc). Also check the mounting washer to ensure it is not deformed, burred or notched. A damaged washer must not be used as it may cause irregular pressure on the disc which may cause it to break. DO NOT tamper with a disc in order to adapt it to a different size holder.

4.2. OPERATING

- WARNING!** Ensure you have read, understood and apply safety instructions.
- 4.2.1. Connect the tool to the air supply.
- 4.2.2. To start the tool, hold firmly and push the trigger locking lever forward whilst depressing trigger.
- 4.2.3. The disc must be running at its maximum speed before attempting to cut the workpiece.
- 4.2.4. Slowly and smoothly bring the cutting disc toward the workpiece (avoid jerky movements).
- 4.2.5. Exert adequate pressure on the tool to allow cutting according to the type and size of the material you are working with. Avoid subjecting disc to excessive strain, always hold tool firmly and ease disc against workpiece (a harsh impact may break the disc). Maintain a controlled adequate progression.

DO NOT allow tool to free run for an extended period of time as this will shorten its bearing life.

5. MAINTENANCE

- WARNING!** Disconnect tool from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- 5.1. Lubricate the air tool daily with a few drops of Sealey air tool oil dripped into the air inlet to prolong its life.
- 5.2. Clean the tool after use.
- 5.3. Loss of power or erratic action may be due to the following:
 - a) Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions in chapter 3.
 - b) Grit or gum deposits in the tool may also reduce performance. If your model has an air strainer (located in the area of the air inlet), remove the strainer and clean it. Flush the tool out with gum solvent oil or an equal mixture of SAE No 10 oil and paraffin. Allow to dry before use.
- 5.4. For a full service contact your local Sealey service agent.
- 5.5. When not in use, disconnect from air supply, clean tool and store in a safe, dry, childproof location.

Risk of Hand Arm Vibration Injury

Air Cut-Off Saw model no. SA25.V3 when operated in accordance with these instructions and tested in accordance with EN 28662-2: 1994 results in the following vibration emission declared in accordance with BS EN12096: 1996.

Measured vibration emission value: 1m/s²
Uncertainty: 0.40m/s²

These values are suitable for comparison with emission levels of other tools that have been subject to the same test.

This tool may cause hand-arm vibration syndrome if its use is inadequately managed.

Recommended L.C. Measures to reduce risk of hand-arm vibration syndrome:

This item represents a low Hand Arm Vibration risk to users. The calculated minimum usage period exceeds 8 hours. We recommend appropriate safety equipment is utilised and regular breaks for the operator are employed to reduce any residual risk of fatigue or repetitive strain injury.

Declaration of Conformity

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

Air Cut-off Tool Model: SA25.V3
98/37/EC Machinery Directive
93/68/EEC Marking Directive



Signed by Mark Sweetman

28th July 2004

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