

Item	Part No.	Description	Item	Part No.	Description
1	SA621/01	MOTOR HOUSING	22	SA621/22	INTERNAL GEAR
2	SA621/02	SPRING PIN	23	SA621/23	PLANET GEAR
3	SA621/03	AIR INLET	24	SA621/24	PIN
4	SA621/04	TRIGGER	25	SA621/25	BUSHING
5	SA621/05	VALVE STEM SET	26	SA621/26	WORK SPINDLE
6	SA621/06	REVERSE BUSHING	27	SA621/27	REDUCTION SPINDLE
8	SA621/08	VALVE SPRING	28	SA621/28	BALL BEARING
9	SA621/09	O-RING	29	SA621/29	CHUCK SPACER
10	SA621/10	REVERSE LEVER	30	SA621/30	CHUCK SCREW
11	SA621/11	MOTOR GASKET	31	SA621/31	O-RING
12	SA621/12	REVERSE RETAINER	32	SA621/32	EXHAUST DIFFUSER
13	SA621/13	BALL BEARING	33	SA621/33	SCREW
14	SA621/14	END PLATE	34	SA621/34	DAMPING MATERIAL
15	SA621/15	ROTOR	35	SA621/35	CLAMP NUT
16	SA621/16	ROTOR BLADES	36	SA621/36	KEYLESS CHUCK
17	SA621/17	SPRING PIN	37	SA621/37	SET SCREW
18	SA621/18	CYLINDER	38	SA621/38	RETAINER
19	SA621/19	SPACER	39	SA621/39	RETAINER
20	SA621/20	PINION GEAR	40	SA621/40	HANDLE
21	SA621/21	CENTRE GEAR	41	SA621/41	RUBBER GRIP

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, Sealey Group, Bury St. Edmunds, Suffolk.
 01284 757500 01284 703534 E-mail: sales@sealey.co.uk

1/2" SUPER DUTY AIR PISTOL DRILL

Model: **SA621**

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

- 3 Follow workshop Health & Safety rules, regulations and conditions when using drill.
- p **WARNING!** Disconnect from air supply before changing accessories or servicing.
- 3 Maintain the drill in good condition and replace any damaged or worn parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- p **WARNING!** Check correct air pressure is maintained and not exceeded. We recommended 90 psi.
- 3 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.
- 3 Wear approved safety gloves and eye and ear protection. If dust is generated wear respiratory protection.
- 3 Keep drill bits clean and sharp for best and safest performance.
- 3 Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- 3 Secure unstable workpiece with a clamp, vice or other suitable holding device.
- 3 Ensure the chuck is securely fastened to the spindle and the drill bit is secure in the chuck.
- 3 Avoid unintentional starting.
- 3 Keep children and unauthorised persons away from the work area.
- 8 **DO NOT** hold the workpiece by hand. Use clamps or a vice to secure the workpiece.
- 7 **DO NOT** use the drill for a task it is not designed to perform.
- p **WARNING! DO NOT** use drill if damaged or thought to be faulty. Contact your local service agent.
- 7 **DO NOT** use drill unless you have been instructed in its use by a qualified person.
- 7 **DO NOT** drop, throw or abuse the drill.
- 7 **DO NOT** carry the drill by the air hose, or yank the hose from the air supply.
- 7 **DO NOT** operate drill if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- 7 **DO NOT** carry drill with your hand on the trigger in order to avoid unintentional starting.
- 7 **DO NOT** direct air from the air hose at yourself or others.
- 3 When not in use disconnect from air supply and store in a safe, dry, childproof location.

2. INTRODUCTION & SPECIFICATION

Fully polished finish with exhaust through handle base for reduced noise emission. Smooth air motor runs on high quality ball bearings for long life and reliability. Fully reversible drive with finger-tip control set above trigger. Fitted with Jacobs keyless chuck for fast bit changes. Supplied with side handle. Rubber grip gives added control.

Chuck size1/2"	Operating pressure90psi
Free speed650rpm	Air inlet size1/4"BSP
Air consumption4cfm	Weight1.4kg

3. PREPARING DRILL FOR USE

3.1. Air Supply

- 3.1.1. Ensure drill air valve (or trigger) is in the "off" position before connecting to the air supply.
- 3.1.2. You will require an air pressure of 90psi and an air flow of 4cfm.
- 3.1.3. **WARNING!** Ensure the air supply is clean and does not exceed 90psi. Too high an air pressure or unclean air will shorten the life of the drill 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 drill.
- 3.1.5. Clean compressor air inlet filter weekly. Recommended hook-up is shown in fig. 1.
- 3.1.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose size should be 1/4" I.D. and fittings must have the same internal bore.
- 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 drill. To overcome this, connect a leader hose to the drill. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See figs. 1 & 2.

fig. 1

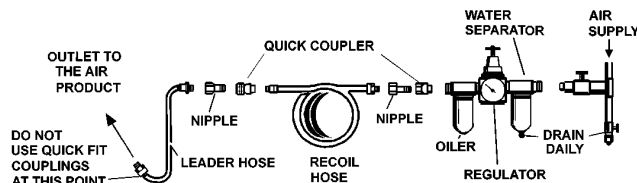
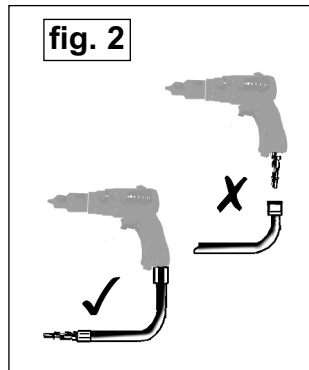


fig. 2



4. OPERATING INSTRUCTIONS

WARNING! Ensure you read, understand and apply safety instructions before use.

- 4.1. Turn front of chuck head to open, insert drill bit and turn chuck head to lock drill bit.
- 4.2. Connect the drill to the air hose as in Section 3.
- 4.3. The drill direction is changed by switching the reverse lever behind the trigger. Check that the drill is set to operate in the required direction.
- 4.4. Depress the trigger to operate the drill.

DO NOT allow drill to free run for an extended period of time as this will cause accelerated wear.

5. MAINTENANCE

- WARNING!** Disconnect drill 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. If the air system does not include an oiler, lubricate the drill daily with a few drops of Sealey air tool oil dripped into the air inlet.
 - 5.2. Clean the drill 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 Section 3.
 - b) Grit or gum deposits in the drill. If your model has an air filter (located in the area of the air inlet), remove and clean it. Flush the drill 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 and store in a safe, dry, childproof location.

6. DECLARATION OF CONFORMITY

Declaration of Conformity

CE 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.

1/2" Super Duty Air Pistol Drill
Model: SA621

98/37/EC Machinery Directive
93/68/EEC Marking Directive

Signed by Mark Sweetman

27th March 2001

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