INSTRUCTIONS FOR:

AIR TYRE BUFFING KIT

MODEL No: **SA92.V3**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions and maintained properly, give you years of trouble free performance.

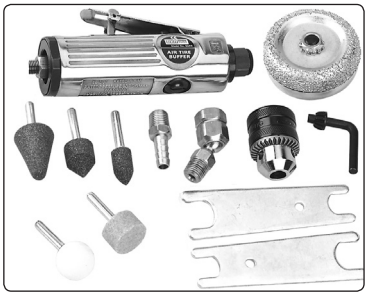
***IMPORTANT:* PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.**

Read Instruction Manual

Wear Eye Protection

Wear Ear Protection

- ✓ Follow all workshop safety rules, regulations, and conditions when using the buffing kit.
- ❒ **WARNING!** Disconnect from air supply before changing accessories or servicing.
- ✓ Maintain the buffing kit 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 recommend 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.
- ✓ Wear approved safety eye/face shield, ear defenders, and hand protection.



- ❒ **WARNING!** Due to the possible presence of asbestos dust from brake linings, when working around vehicle brake systems we recommend you wear suitable respiratory protection.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and non essential persons away from the working area.
- × DO NOT use the buffing kit for a task it is not designed to perform.
- ❒ **WARNING! DO NOT** use buffing kit if damaged or thought to be faulty. (Contact Service Agent).
- × DO NOT use buffing kit unless you have been instructed in its use by a qualified person.
- × DO NOT carry the buffing kit by the air hose, or yank the hose from the air supply.
- × DO NOT operate buffing kit if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- × DO NOT carry buffing kit with your hand on the power trigger in order to avoid unintentional starting.
- × DO NOT direct air from the air hose at yourself or others.
- ✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.

2. INTRODUCTION & SPECIFICATIONS

Composite cased air motor with selection of 6mm shanked grinding points, 10mm drill chuck and tyre buffing cone. Kit also includes spanners, chuck key and air hose adaptors.

Chuck size	10mm	Vibration	1.47m/s²
Operating pressure	90psi	Uncertainty	0.74m/s²
Weight	0.76kg	Sound Pressure	89.7dB(A)
Air inlet size	1/4" BSP	Sound Power	100.7dB(A)
Air consumption	5cfm	Free speed	20000rpm

3. PREPARING BUFFING KIT FOR USE

3.1. Air Supply

3.1.1. Ensure buffer 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 according to specification.

3.1.3. ❒ **WARNING!** Ensure the air supply is clean and does not exceed 90 psi while operating the buffer. 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 buffing kit.

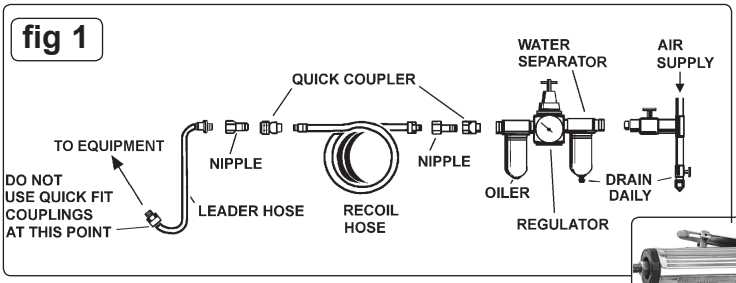
3.1.5. Clean air inlet filter weekly. Recommended hook-up procedure is shown in fig 1.

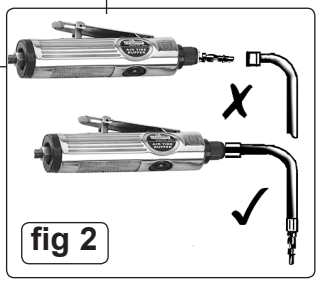
3.1.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.

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 buffing kit. To overcome this, connect a leader hose to the buffing kit. 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

❒ **WARNING! Ensure you read, understand and apply safety instructions before use.**
Note: Numbers shown in brackets refer to item numbers in the parts list.
❒ **WARNING!** Disconnect from air supply before changing accessories or servicing.

4.1. The buffing wheel (34) attaches directly to the arbor (28) and should be tightened using the wrench (33).
4.2. To use the grinding stones (39) screw the 10mm drill chuck (35) onto the arbor (28). Insert the required grinding stone into the chuck and secure using the chuck key provided. Remember to remove the chuck key.
4.3. Depress the trigger to operate the buffing kit.

5. MAINTENANCE

❒ **WARNING!** Disconnect buffer from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. *Use genuine parts only. Un authorised parts may be dangerous and will invalidate the warranty.*
5.1. Lubricate the buffer daily with a few drops of Sealey air tool oil dripped into the air inlet to prolong its life.
5.2. Clean the buffing kit after use. DO NOT use damaged stone wheels.
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 buffing kit 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 buffer 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 buffer and store in a safe, dry, childproof location.

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WARNING! – Risk of Hand Arm Vibration Injury.

This tool may cause Hand Arm Vibration Syndrome if its use is not managed adequately.
This tool is subject to the vibration testing section of the Machinery Directive 2006/42/EC.
This tool is to be operated in accordance with these instructions.

Measured vibration emission value (a): 1.5m/s²
Uncertainty value (k): 0.64m/s²
Please note that the application of the tool to a sole specialist task may produce a different average vibration emission.
We recommend that a specific evaluation of the vibration emission is conducted prior to commencing with a specialist task.

A health and safety assessment by the user (or employer) will need to be carried out to determine the suitable duration of use for each tool.
NB: Stated Vibration Emission values are type-test values and are intended to be typical.
Whilst in use, the actual value will vary considerably from and depend on many factors.
Such factors include; the operator, the task and the inserted tool or consumable.
NB: ensure that the length of leader hoses is sufficient to allow unrestricted use, as this also helps to reduce vibration.

The state of maintenance of the tool itself is also an important factor, a poorly maintained tool will also increase the risk of Hand Arm Vibration Syndrome.

Health surveillance.
We recommend a programme of health surveillance to detect early symptoms of vibration injury so that management procedures can be modified accordingly.

Personal protective equipment.
We are not aware of any personal protective equipment (PPE) that provides protection against vibration injury that may result from the uncontrolled use of this tool. We recommend a sufficient supply of clothing (including gloves) to enable the operator to remain warm and dry and maintain good blood circulation in fingers etc. Please note that the most effective protection is prevention, please refer to the Correct Use and Maintenance section in these instructions. Guidance relating to the management of hand arm vibration can be found on the HSC website www.hse.gov.uk - Hand-Arm Vibration at Work.