



PNEUMATIC DIESEL INJECTOR PULLER

MODEL NO: **VS2080.V2**

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 & 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.



Refer to
instruction
manual



Wear a face
shield



Wear protective
clothing



Wear protective
gloves



Wear ear
protection

1. SAFETY

1.1. GENERAL SAFETY

- ✓ For multiple hazards, read and understand the safety instructions before installing, operating, repairing, maintaining, changing accessories on, or working with the tool. Failure to do so can result in serious bodily injury.
- ✓ Only qualified and trained operators should install, adjust or use the tool.
- ✗ **DO NOT** modify this assembly power tool for threaded fasteners. Modifications can reduce the effectiveness of safety measures and increase the risks to the operator.
- ✗ **DO NOT** discard the safety instructions; give them to the operator.
- ✗ **DO NOT** use the tool for threaded fasteners if it has been damaged.
- ✓ Tools shall be inspected periodically to verify that the markings are legibly marked on the tool.
- ✓ The user shall contact the manufacturer to obtain replacement marking labels when necessary.

1.2. HAZARDS

1.2.1. Projectile

- ✓ Failure of the workpiece, of accessories or even of the inserted tool itself can generate high-velocity projectiles.
- ✓ Always wear impact-resistant eye protection during the operation of the assembly power tool for threaded fasteners. The grade of protection required should be assessed for each use.
- ✓ Ensure that the workpiece is securely fixed.

1.2.2. Entanglement

- ✓ Entanglement hazards can result in choking, scalping and/or lacerations if loose clothing, personal jewellery, neckwear, hair or gloves are not kept away from the tool and accessories.
- ✓ Gloves can become entangled with the rotating drive, causing severed or broken fingers.
- ✓ Rotating drive sockets and drive extensions can easily entangle rubber-coated or metal-reinforced gloves.
- ✗ **DO NOT** wear loose-fitting gloves or gloves with cut or frayed fingers.
- ✗ **NEVER** hold the drive, socket or drive extension.
- ✓ Keep hands away from rotating drives.

1.2.3. Operating

- ✓ The use of the tool can expose the operator's hands to hazards including crushing, impacts, cuts and abrasions and heat. Wear suitable gloves to protect hands.
- ✓ Operators and maintenance personnel shall be physically able to handle the bulk, weight and power of the tool.
- ✓ Hold the tool correctly; be ready to counteract normal or sudden movements and have both hands available.
- ✓ Maintain a balanced body position and secure footing.
- ✓ Release the start-and-stop device in the case of an interruption of the energy supply.
- ✓ Use only lubricants recommended by the manufacturer.
- ✗ **DO NOT** use in confined spaces and beware of crushing hands between tool and workpiece, especially when unscrewing.

1.2.4. Repetitive Motions

- ✓ When using a power tool the operator can experience discomfort in the hands, arms, shoulders, neck, or other parts of the body.
- ✓ While using an assembly power tool for threaded fasteners, the operator should adopt a comfortable posture while maintaining secure footing and avoiding awkward or off-balanced postures. The operator should change posture during extended tasks, which can help avoid discomfort and fatigue.
- ✓ If the operator experiences symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensations or stiffness, these warning signs should not be ignored. The operator should tell the employer and consult a qualified health professional.

1.2.5. Accessory

- ✓ Disconnect the assembly power tool for threaded fasteners from the energy supply before changing the inserted tool or accessory.
- ✗ **DO NOT** touch sockets or accessories during impacting, as this increases the risk of cuts, burns or vibration injuries.
- ✓ Use only sizes and types of accessories and consumables that are recommended by the assembly power tool for threaded fasteners manufacturer; **DO NOT** use other types or sizes of accessories and consumables.

1.2.6. Workplace

- ✓ Slips, trips and falls are major causes of workplace injury. Be aware of slippery surfaces caused by the use of the tool and also of trip hazards caused by the air line or hydraulic hose.
- ✓ Proceed with care in unfamiliar surroundings. Hidden hazards, such as electricity or other utility lines, can exist.
- ✓ The assembly power tool for threaded fasteners is not intended for use in potentially explosive atmospheres and is not insulated

against coming into contact with electric power.

- ✓ Make sure there are no electrical cables, gas pipes, etc., that can cause a hazard if damaged by use of the tool.

1.2.7. Dust and Fumes

- ✓ Dust and fumes generated when using assembly power tools for threaded fasteners can cause ill health (for example cancer, birth defects, asthma and/or dermatitis); risk assessment and implementation of appropriate controls for these hazards are essential.
- ✓ Risk assessment should include dust created by the use of the tool and the potential for disturbing existing dust.
- ✓ Where dust or fumes are created, the priority shall be to control them at the point of emission.
- ✓ All integral features or accessories for the collection, extraction or suppression of airborne dust or fumes should be correctly used and maintained in accordance with the manufacturer's instructions.
- ✓ Use respiratory protection in accordance with employer's instructions and as required by occupational health and safety regulations.

1.2.8. Noise

- ✓ Exposure to high noise levels can cause permanent, disabling hearing loss and other problems, such as tinnitus (ringing, buzzing, whistling or humming in the ears). Therefore a risk assessment and implementation of appropriate controls for these hazards are essential.
- ✓ Appropriate controls to reduce the risk may include actions such as damping materials to prevent workpieces from "ringing".
- ✓ Use hearing protection in accordance with employer's instructions and as required by occupational health and safety regulations.
- ✓ Operate and maintain the assembly power tool for threaded fasteners as recommended in the instructions handbook, to prevent an unnecessary increase in noise levels.
- ✓ Select, maintain and replace the consumable/inserted tool as recommended in the instructions handbook, to prevent an unnecessary increase in noise.

1.2.9. Vibration

- ✓ Exposure to vibration can cause disabling damage to the nerves and blood supply of the hands and arms.
- ✓ Wear warm clothing when working in cold conditions and keep your hands warm and dry.
- ✓ Operate and maintain the assembly power tool for threaded fasteners as recommended in the instructions handbook, to prevent an unnecessary increase in vibration levels.
- ✗ **DO NOT** use worn or ill-fitting sockets or extensions, as this is likely to cause a substantial increase in vibration.

1.2.10. Pneumatic Power Tools

- ✓ Air under pressure can cause severe injury.
- ✓ Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- ✗ **NEVER** direct air at yourself or anyone else.
- ✓ Whipping hoses can cause severe injury. Always check for damaged or loose hoses and fittings.
- ✓ Cold air shall be directed away from the hands.
- ✗ **DO NOT** exceed the maximum air pressure stated on the tool.
- ✗ **NEVER** carry an air tool by the hose."

2. INTRODUCTION

Fits most passenger and light commercial diesel injectors including Delphi, Denso and Siemens. Uses vibration and pneumatic force to easily remove seized injectors. The set includes a pneumatic diesel injector puller, adaptors, air hose and a control valve with a 1/4"BSP connector. Maximum air supply 116psi(8bar). Storage case supplied.

3. SPECIFICATION

MODEL NO:	VS2080
Contents:	Pneumatic Hammer, Hose c/w shut off valve, Air Line Coupling, Adaptors - 9mm M25x0.5. 10mm M17x1.0, M18x0.75, M20x1.0, M27x0.75, M27x1.0(x2). 11mm M29x1.0. 13mm M25x1.0. 14mm M8x1.0, M8x1.25, M10x1.5. 15mm M20x1.5, M22x1.5, M26x0.75, M31x0.75. 18mm M12x1.5, M14x1.5, M16x1.5, M18x1.5, storage case
Nett Weight:	7.14kg

4. OPERATION

- 4.1. Select and mount the appropriate connector to the injector concerned (internally or externally threaded).
NOTE: Tighten the connector to between 20 and 30 Nm.
- 4.2. Screw the vibration unit carefully onto the connector.
- 4.3. With the pneumatic supply set to between 5 and 8 bar, connect the air line to vibration unit ensuring that the control valve is set to the closed position.
NOTE: The air line should provide only clean dry air or the unit may become damaged.
- 4.4. Open the control valve slowly to commence vibration and open it further or close it to adjust the rate of vibration.
- 4.5. When the injector is loose, shut off the air supply and carefully lift out the assembled unit.
- 4.6. Disassemble the unit and clean off the component parts using a clean and soft cloth.
- 4.7. Prior to replacing the unit in the case and after approximately 8 hours usage, place no more than 1ml of oil into the air inlet in order to prevent the units' internals becoming wet and rusted.





ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.



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PURCHASE HERE

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