

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1 GENERAL SAFETY

- ✓ Carefully read these operating and safety instructions before commencing assembly and before use. Keep them for future reference.
- ✓ This tool should only be used by properly trained operators.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain and/ or tie back long hair.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Keep the boot tool away from fire, heat and chemicals.
- x **DO NOT** use the boot tool for any purpose other than that for which it is designed.
- x **DO NOT** operate the boot tool when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- **WARNING!** *Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.*

1.2 COMPRESSED AIR SAFETY

- ✓ Make sure that the air pressure system contains no liquids, including water, but only dry air.
- ✓ 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.
- ✓ When not in use disconnect from the air supply, de-pressurise the boot tool, and store in a safe, dry, childproof area
- x **DO NOT** leave the boot tool unattended when fully pressurised.
- x **DO NOT** carry the by the boot tool hose, or yank the hose from the air supply.
- x **DO NOT** allow the air pressure to exceed 9 bar (125 psi). High air pressure can cause irreversible damage to the tool and/or the surroundings.
- **WARNING!** Disconnect the boot tool from the air supply before servicing or performing any maintenance.

1.3 MECHANICAL SAFETY

- ✓ Maintain the boot tool in good condition (use an authorised service agent).
- ✓ If the tool falls or is knocked, stop operation and check for any damage.
- ✓ Do not erase or damage any of the markings, symbols or text printed onto or moulded onto the surfaces of the boot tool.
- ✓ In case of mechanical fault and/or breakage and/or cracks, immediately stop operation of the tool and disconnect it from the air supply. Contact an authorised distributor.
- ✓ Replace or repair damaged parts. *Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.*
- x **DO NOT** operate the boot tool if any parts are damaged or missing as this may cause failure and/or personal injury.

1.4 OPERATIONAL SAFETY

- ✓ Before using the boot tool, make sure that all the boot tool parts are correctly assembled and firmly in place. Do not operate it if the arm retaining pins are not all in place.
- ✓ Working with the boot tool requires protective equipment including safety shoes, work gloves and safety goggles. Do not bring the tool close to the face while operating.
- ✓ When operating the boot tool, to open a CV rubber boot, turn the boot tool downwards, at an angle of 45 degrees.
- ✓ Keep hands clear of the moving legs when operating the boot tool. Never insert fingers into the tool.
- ✓ Do not use the boot tool without the protective rubber cover (see 'assembly' in section 3) on the arms and covering the arm hinges.
- x **DO NOT** point the boot tool at any person and/or towards any part of the operator's body.



2. INTRODUCTION & SPECIFICATION

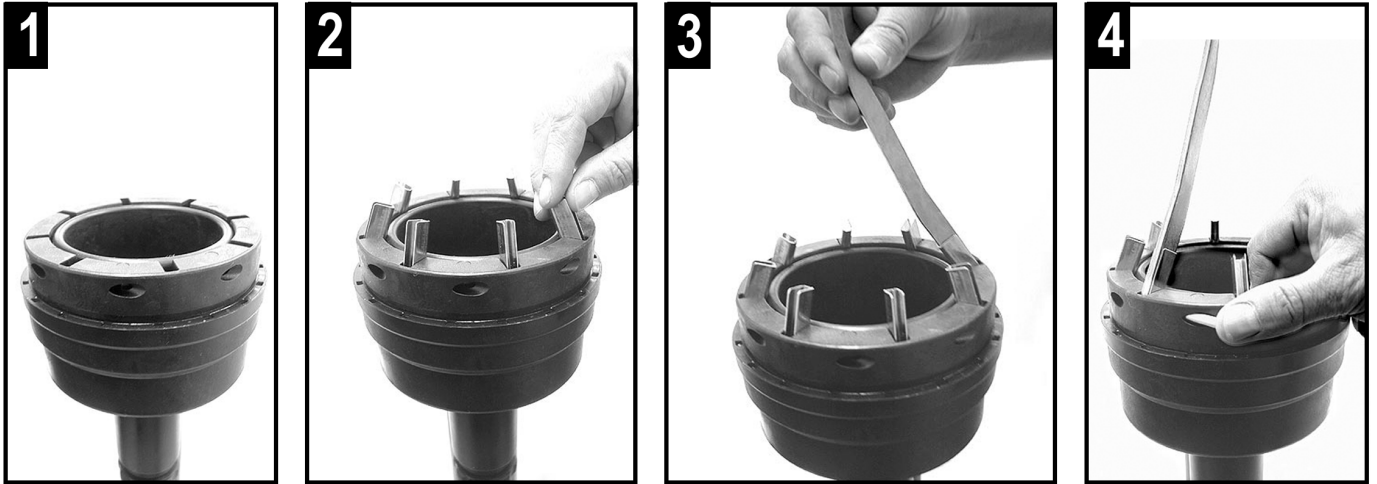
This innovative tool saves time, money and frustration by enabling the installation of flexible steering and CV boots without removing the axle from the vehicle or the CV joint from the axle. No effort and no mess is involved. Saves on labour time by up to 70% and prevents damage to the CV joint. The tool has a composite body with simple control valve and works from the standard workshop air supply.

SPECIFICATION..	BSL100.V2..	BSL101
CV joint diameter	15-95mm	25-115mm
Weight	2.3kg	2.7kg
Max air pressure	125psi	125psi
Air inlet size	1/4" BSP	1/4" BSP

3. CONTENT & ASSEMBLY

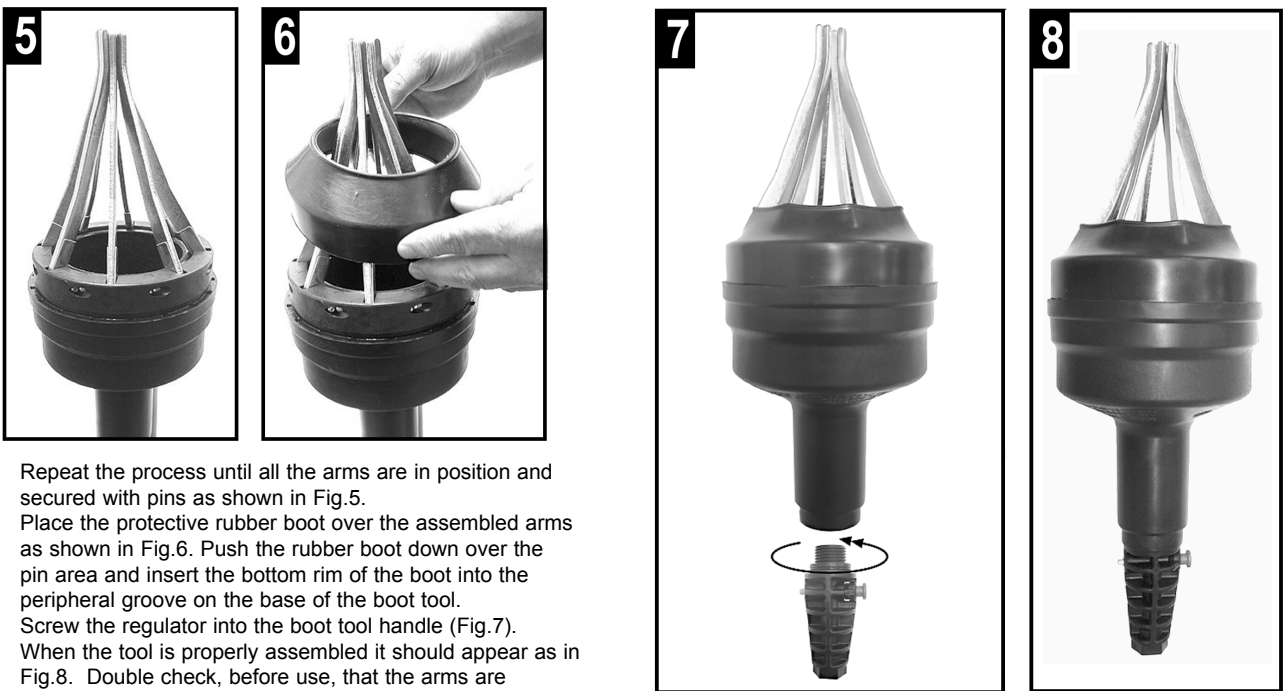
3.1 Unpack the boot tool and check that the contents are correct and undamaged. In case of a problem please contact your Sealey dealer.

- Contents:** a) Regulator
 b) Boot tool base unit.
 c) Eight steel stretching arms.
 d) Eight arm guides.
 e) Eight pins for securing the arms.
 f) One protective rubber boot.



Assembly instructions (Figs.1-8):

- 3.2 Support the boot tool base in a vertical position as indicated in Fig.1.
 3.3 Position the 8 guides in the grooves in the boot tool base with the guide groove facing outwards (Fig.2).
 3.4 Insert an arm into one of the guides (Fig.3), with the hole in the arm facing downwards and the camber of the arm facing inwards.
 3.5 Insert a pin into the hole in the wall of the boot tool below the arm (Fig.4) until the end of the pin can be seen on the other side of the hole.

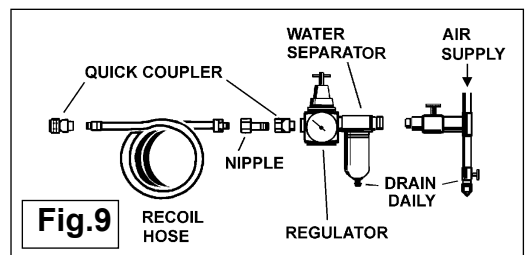


- 3.6 Repeat the process until all the arms are in position and secured with pins as shown in Fig.5.
 3.7 Place the protective rubber boot over the assembled arms as shown in Fig.6. Push the rubber boot down over the pin area and insert the bottom rim of the boot into the peripheral groove on the base of the boot tool.
 3.8 Screw the regulator into the boot tool handle (Fig.7).
 3.9 When the tool is properly assembled it should appear as in Fig.8. Double check, before use, that the arms are correctly fixed to the boot tool base and that the regulator is firmly screwed into the handle.

4. AIR SUPPLY

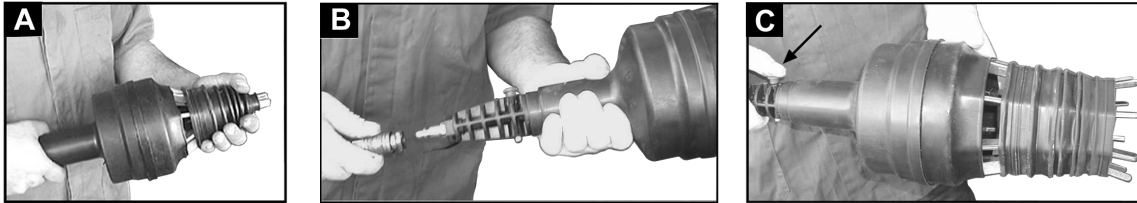
WARNING! Ensure the air supply does not exceed 125psi while operating the unit. Too high an air pressure will shorten the life of the unit and may cause damage and/or personal injury.

- 4.1 The boot tool has a female 1/4" BSP thread in the end of the handle. Obtain and fit a suitable air connection fitting that can easily be disconnected from the tool such as a male threaded adaptor (Sealey part No.AC04).
 4.2 Where possible the compressor should be sited in a separate room with the connecting airline kept as short as possible. The compressor should have an air filter and water separator (Fig.9).
 4.3 Drain the compressor air tank daily as water in the air line will damage the unit.
 4.4 The recommended hook-up procedure is shown in Fig.9.
 4.5 The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
 4.6 Keep hoses away from heat, oil and sharp edges. Check hoses for wear and ensure that all connections are secure.
 4.7 Line pressure should be increased to compensate for unusually long air hoses (over 8 metres).

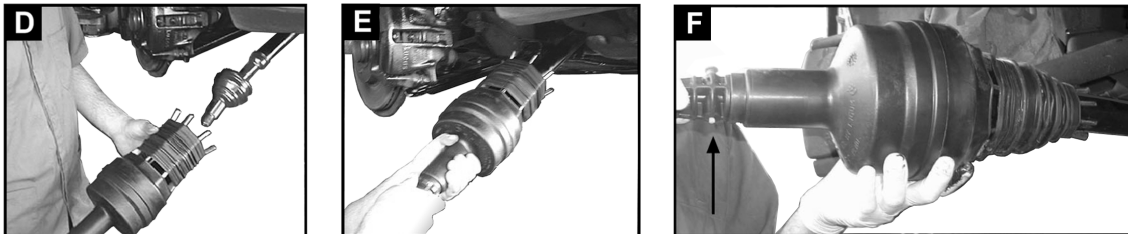


5. OPERATION

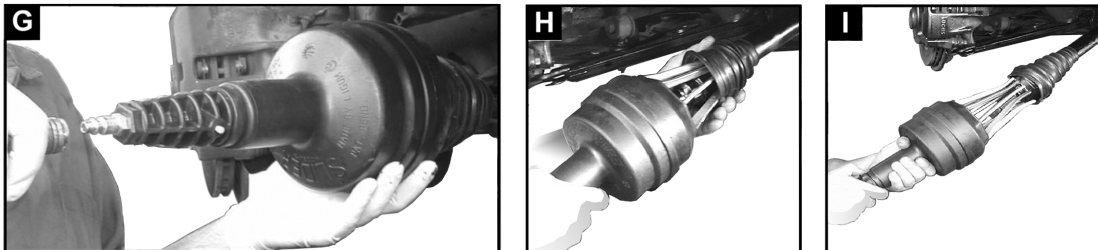
- 5.0 Before first use lubricate the tool with synthetic pneumatic oil , applied into the connector at the base of the handle
- ❑ **WARNING!** The boot tool is designed for the installation of flexible rubber CV boots only and should be used with no other products and for no other purpose.
- ❑ **WARNING!** The boot tool should only be used with flexible rubber boots which conform to the following specification.
 Elongation at break: Minimum 600 %
 Tensile strength: Minimum 30 N/mm²
 Hardness: Maximum 50 Shore A
 Boots which do not conform to this specification may tear.
- 5.1 Adjust the air compressor to give a maximum pressure of 9 bar (125 psi) at its outlet.



- 5.2 Before connecting the air line to the boot tool put the flexible rubber boot over the boot tool arms. Make sure that the ends of the arms are projecting from the top opening of the rubber boot (Fig.A).
- 5.3 Connect the air line to the air connector at the end of the handle (Fig.B).
When operating the boot tool, to open the tool "arms", orientate the unit downwards, at an angle of 45 degrees.
- 5.4 Activate the splaying of the boot tool arms by pressing the red button on the handle, thus allowing air to enter the device (Fig.C).



- 5.5 When the arms have stretched the boot by the desired amount, release the red button in order to prevent the arms opening any further (Fig.D).
- 5.6 Manoeuvre the opened tool and boot over the end of the drive shaft until it is in the required place (Fig.E).
- 5.7 To release the air pressure in the boot tool, press the yellow button on the reverse side of the handle (Fig.F). As the air pressure is released the arms will close down onto the drive shaft.



- 5.8 **Disconnect the air supply** (Fig.G).
- 5.9 Place one hand onto the rubber boot to hold it in place (Fig.H).
- 5.10 Finally, entirely withdraw the tool from the boot (Fig.I). **Do not leave the Boot Tool under air pressure when not in use.**
- 5.11 A purpose designed safety holder for storing the boot tool when not in use is available as an optional extra. (Part No. LM77200)

6. MAINTENANCE

- 6.1 Before first use and regularly thereafter, lubricate the tool with synthetic pneumatic oil , in the connector at the base . (the air pressure will distribute this eventually inside the tool).
- 6.2 Damage caused due to incorrect assembly, maintenance or not regularly lubricating the device, will void the warranty.

7. DECLARATION OF CONFORMITY

Declaration of Conformity We, the sole importer into the UK, declare that the products listed below are in conformity with the following standards and directives

CV Joint Boot Tools
Model Nos: BSL100.V2, BSL101
 98/37/EC Machinery Directive
 93/68/EEC CE Marking Directive
 EN ISO 12100-1: 2003, EN ISO 12100-2: 2003
 EN1050: 1997, EN 983: 1996, EN 792-2: 2000

Signed by Tim Thompson

17th August 2007



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

The construction files for these products are held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.

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 product. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.
INFORMATION: For a copy of our catalogue and latest promotions call us on 01284 757525 and leave your full name, address and postcode.



Sole UK Distributor
Sealey Group,
 Bury St. Edmunds, Suffolk.

☎ 01284 757500
 📠 01284 703534

🌐 www.sealey.co.uk
 ✉ sales@sealey.co.uk