



INSTRUCTIONS FOR:
**STRAIGHTENER KIT 10TONNE WITH
 VARIABLE UPRIGHT**
 MODEL No: **DZRE92/C.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.

1. SAFETY



Refer to instruction manual



Wear head protection



Wear protective gloves

- WARNING!** This product should not be used without a safety cable. In the event of the puller/clamp becoming detached from the vehicle bodywork when under tension a safety cable will minimise the risk of serious injury.
- WARNING!** *Ensure health & safety, local authority, and general workshop practice regulations are adhered to when using this equipment.*
- ✓ Familiarise yourself with product application and limitations, as well as the specific potential hazards peculiar to the straightener.
- WARNING! No part of this unit or any accessory relating to the straightener is designed for lifting loads. It is intended only as a pulling device and must be used as such with care.**
- WARNING!** Disconnect the straightener from the hydraulic pump before servicing or performing any maintenance on the unit.
- ✓ Maintain straightener in good order. Replace/repair with *genuine parts only. Non genuine parts may be dangerous and will invalidate the warranty.*
- ✓ Use qualified person to lubricate and maintain the hydraulic pump. **DO NOT** use brake fluid to top up hydraulic unit. Use Sealey hydraulic oil only.
- ✓ Keep the straightener clean for best and safest performance.
- WARNING!** Use straightener on level & solid ground, preferably concrete. *Avoid tarmacadam since the equipment may sink into the surface.*
- ✓ Keep area clean & tidy and free from unrelated materials. Ensure there is adequate lighting.
- WARNING! Ensure you know how much load you are pulling. Never exceed the maximum pulling capacity.**
- ✓ Use in conjunction with Sealey hydraulic pump, chains, hooks, etc only. **DO NOT** use pumps or accessories other than those supplied with kit, or contact your local agent for details of Sealey hydraulic pumps and pulling accessories. Non-genuine items may damage unit and void warranty.
- ✓ Ensure there is positive engagement of straightener chains, claws, hooks, links etc to the chassis or vehicle body before pulling.
- ✓ Place tarpaulin or heavy cover over chains to minimise any backlash should chains or accessory fail.
- ✓ Should jacks be employed in the operation, ensure they are of the appropriate type and capacity, are in good condition and that you follow any instructions relating to the jack. Also ensure correct stress supports are used between the jack and jacking surfaces.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non slip shoes.
- WARNING! Keep your hands, body and clothing away from the chassis and straightener accessories in use. Take any necessary precautions to protect your personal safety whilst using the straightener.**
- ✓ Ensure the hydraulic hose is not bent or kinked.
- ✓ Keep non essential persons away from the operating area. Be aware of the location of other persons assisting you.
- ✓ When releasing tension from the load be sure to undo the hydraulic valve **VERY** slowly.
- x **DO NOT** operate the straightener if any parts are damaged or missing as this may cause failure or possible personal injury.
- WARNING! DO NOT use straightener as a lifting device of any type. DO NOT use for any purpose other than for which it is designed.**
- x **DO NOT** pull chains or cables over or around sharp corners.
- x **DO NOT** heat chains or accessories as this may weaken them.
- x **DO NOT** bolt links together.

2. CONTENTS

Unpack the product and check contents. Should there be any damaged or missing parts contact your supplier immediately. Each model should consist of:

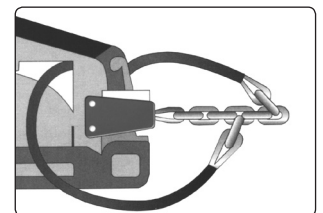
Chassis frame	1	Chains	2
Hydraulic Pump	1	Chain Hooks	2
Ram	1	Carriage Anchorage Tube	1
Pull Clamps	2	Tube stands	2
Sill clamps	2	Stand/Tube supports	2

WARNING! This product should not be used without a safety cable. In the event of the puller/clamp becoming detached from the vehicle bodywork when under tension a safety cable will minimise the risk of serious injury. Pull Clamp Safety Cable (fig.1). After attaching the puller/clamp to the bodywork, but before applying any tension, one end of the safety cable should be clipped to the puller/clamp chain and the other end passed through the bodywork and then also clipped to the chain, as shown in fig.2.

fig. 1



fig. 2



3. INTRODUCTION

One of the biggest selling chassis repair systems in the UK with proven performance over the last 20 years. Variable position upright allows six pre-set angles of pull plus a seventh upright position. Supplied as standard with SuperSnap® manual hydraulic pump and ram.

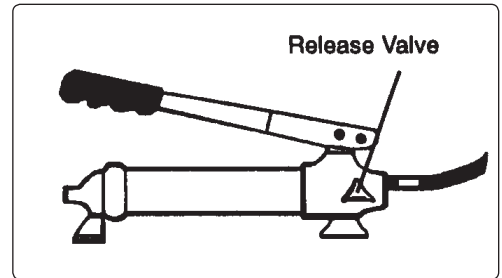
IMPORTANT:

Only fully trained and qualified persons should use this equipment.

4. ASSEMBLY

- 4.1. Assemble the unit using the parts list as your guide. When connecting the hydraulic pump ensure you retain the dust caps for future use.
- 4.2. To use the hydraulic pump, turn the side valve clockwise to close (fig 3). To release the hydraulic pressure, slowly turn the valve anti-clockwise.
- 4.3. **Before first use.**
Before using the pump for the first time, purge hydraulic circuit in order to eliminate any possible air that may have accumulated during transit. To do so, connect the pump and ram. Put the pump on a the floor and fully pump out ram. Turn ram upside down open valve, close ram and pump 8-10 times with the valve open.

fig.3



5. MAINTENANCE

IMPORTANT: Only fully qualified personnel should attempt maintenance or repair to the hydraulic system.

5.1. Pump oil level

Release pressure and disconnect the ram from the pump.
Hold pump in an upright position.

Remove filler plug and add hydraulic oil until it is level with the full mark on the pump stem.

- WARNING: DO NOT** use brake fluid, or any fluid other than hydraulic jack fluid as this may cause serious damage to the Jack and will invalidate the warranty! Use only Sealey hydraulic oil.

5.2. General.

Before each use check for broken, cracked, bent, or loose parts, or any visible damage to welds, ram, pump and hose, nuts, bolts, pins, jaws, clamps, beam, stands, chains, hooks and other fasteners. If any suspect item is found remove from service and take necessary action to remedy the problem.

Replace/repair with *genuine parts only*. *Non genuine parts may be dangerous and will invalidate the warranty.*

Keep all parts of the unit clean, oil wheels every three months.

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THE PUMP.

Hydraulic products are only repaired by local service agents. We have service/repair agents in all parts of the UK.

DO NOT RETURN PUMP TO US. Please telephone us on 01284 757500 to obtain the address and phone number of your local agent.

If product is under guarantee please contact your dealer.

De-commissioning Hydraulic Pump

Should the pump become completely unserviceable and require disposal, draw off the oil into an approved container and dispose of the product and the oil according to local regulations.

Environmental 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 off any fluids (if applicable) into approved containers and dispose of the product and the 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.

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.



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