

SEALEY

SV20 SERIES CORDLESS POST DRIVER 40V - BODY ONLY

MODEL NO: CP40VPD

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
instructions



Wear eye
protection



Wear protective
gloves



Wear ear
protection



Wear safety
footwear

1. SAFETY

1.1. GENERAL POWER TOOL SAFETY WARNINGS

- ❑ **WARNING!** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.
- ✓ Save all warning and instructions for future reference.

1.2. WORK AREA SAFETY

- ✓ Keep work area clean and well lit. Cluttered or dark area invites accidents.
- ✗ **DO NOT** operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- ✓ Keep children and bystanders away whilst operating a power tool. Distractions can cause you to lose control.

1.3. ELECTRICAL SAFETY

- ✓ Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- ✗ **DO NOT** expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

1.4. PERSONAL SAFETY

- ✓ Stay alert, watch what you are doing and use common sense when operating a power tool.
- ✗ **DO NOT** use a power tool whilst you are tired or under the influence of drugs, alcohol, or medication. A moment's inattention whilst operating power tools may result in serious injury.
- ✓ Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat or hearing protection use for appropriate conditions will reduce personal injuries.
- ✓ Prevent unintentional starting. Ensure the switch is in the off position before connecting to the battery pack, picking up or carrying the tool. Carrying power tools with your fingers on the switch or energising power tools that have the switch on invites accidents.
- ✓ Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- ✗ **DO NOT** overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- ✓ Dress properly. **DO NOT** wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- ✗ **DO NOT** let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

1.5. POWER TOOL USE AND CARE

- ✗ **DO NOT** force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- ✗ **DO NOT** use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- ✓ Remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ✓ Store idle power tools out of the reach of children and do not allow persons unfamiliar with these power tools or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- ✓ Maintain power tools and accessories. Check for misalignment or binding of the moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- ✓ Use the power tool, accessories and tool bits etc, in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation. Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situation.

1.6. SERVICE

- ✓ Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- ✗ Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorised service providers.

1.7. BATTERY TOOL USE AND CARE

- ✓ Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- ✓ Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- ✓ When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- ✓ Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.
- ✓ Liquid ejected from the battery may cause irritation or burns.
- ✗ **DO NOT** use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- ✗ **DO NOT** expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- ✓ Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

1.8. EMISSIONS

- ✓ The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration total values and the declared noise emission values may also be used in a preliminary assessment of exposure.
- ✓ The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used, especially what kind of workpiece is processed.
- ✓ It is necessary to identify safety measures to protect the operator that are based on an estimation of exposure in the actual condition of use.

1.9. SPECIFIC POST DRIVER SAFETY

- ✓ Before operation, please carefully check whether the all fixings are tightened. Under normal operation, tools may vibrate and screws are easily loosened and detached, leading to malfunctions or accidents.

2. INTRODUCTION

Part of the SV20 Series designed for the professional, offering heavy-duty, high performance. Requires compatible 20V batteries and mains charger, sold separately. Easy-to-use post driver, designed to knock posts up to Ø80mm diameter into the ground. Powered by a lightweight, compact and robust 750W Motor. Especially useful when installing a large number of posts where accessibility is restricted for heavier machinery. Supplied with 1"(26mm) and 1.75"(45mm) and 2.5"(65mm) sleeves to produce a smooth and accurate strike on smaller posts. Powerful impact while maintaining user comfort, shock absorbing side handles provide reduced fatigue during extended use. Variable trigger switch ensures precise and efficient operation in demanding environments. Supplied complete with carry handle and storage case for easy transport. Requires compatible 2 x 20V batteries and mains charger, sold separately.

3. SPECIFICATION

Model No:CP40VPD
 Battery:2 x 20V 4 - 8Ah Lithium-ion (not included)
 Impact Energy: 20-45J
 Impact Frequency: 1360BPM
 Weight: 12kg
 Noise Power/Pressure: 109/101dB(A)
 Vibration/Uncertainty: 7.75/1.5m/s²
 Impact Cylinder Grease:
 Grade:NLGI 1/ISO VG 32
 Viscosity: ISO VG 32 base oil viscosity
 Run Time: 1hr (based on 4Ah batteries)
 Ambient temperature working range:4°C-40°C

4. CONTENTS/FEATURES



1	Main handle	11	Shock absorbing bracket
2	Gearbox	12	Motor cover
3	Front cover	13	Upper connector
4	Side handle	14	Trigger
5	Piling socket	15	Handle
6	Guide sleeve retainer	16	Handle cover
7	Gearbox cover	17	Lower connector
8	Upper shock absorber bracket	18	Handle soft cover
9	Battery mounts	19	Handlebar
10	Battery	20	Support plate

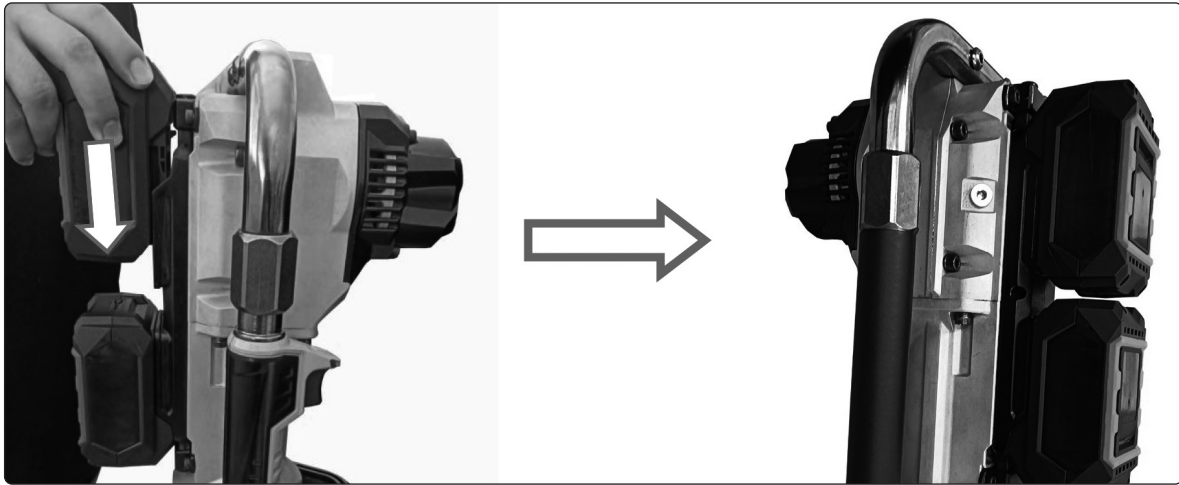
5. PREPARATION

NOTE: Attention: Only the battery pack specified in this product can be used, and the voltage of the battery pack is consistent with the rated voltage on the machine nameplate. It is strictly prohibited to use other battery packs.

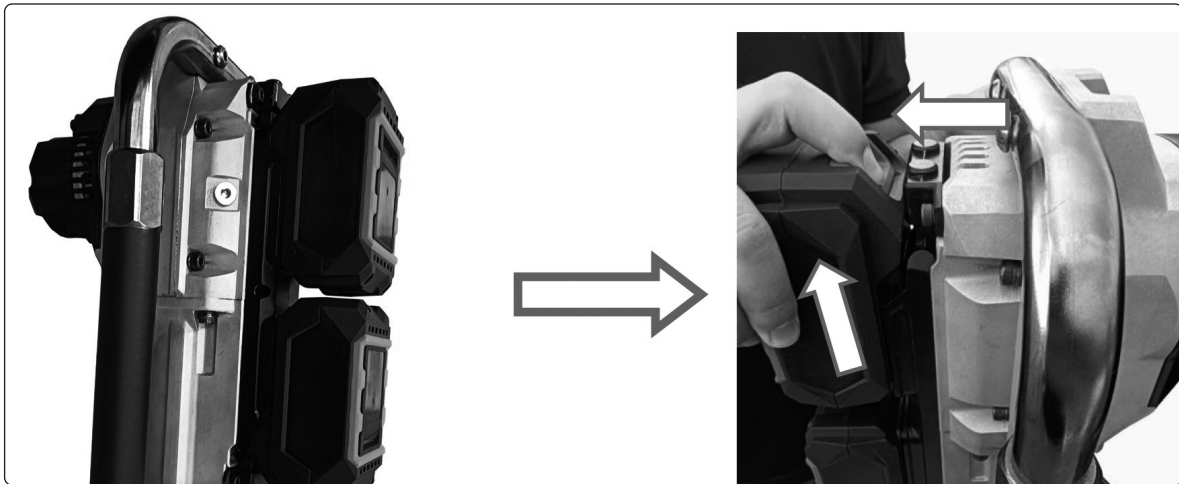
NOTE: Diagrams with batteries in them are for reference only.

5.1. FIT/REMOVE BATTERIES

- 5.1.1. **Installing the battery pack:** align the tongue of the battery pack with the groove on the battery holder, and then slide it into place. Insert it completely into place until the battery pack is locked and clicks, as shown below.



- 5.1.2. **Removing the battery pack:** press the button on the front side of the battery pack and simultaneously remove the battery pack from the tool, below.



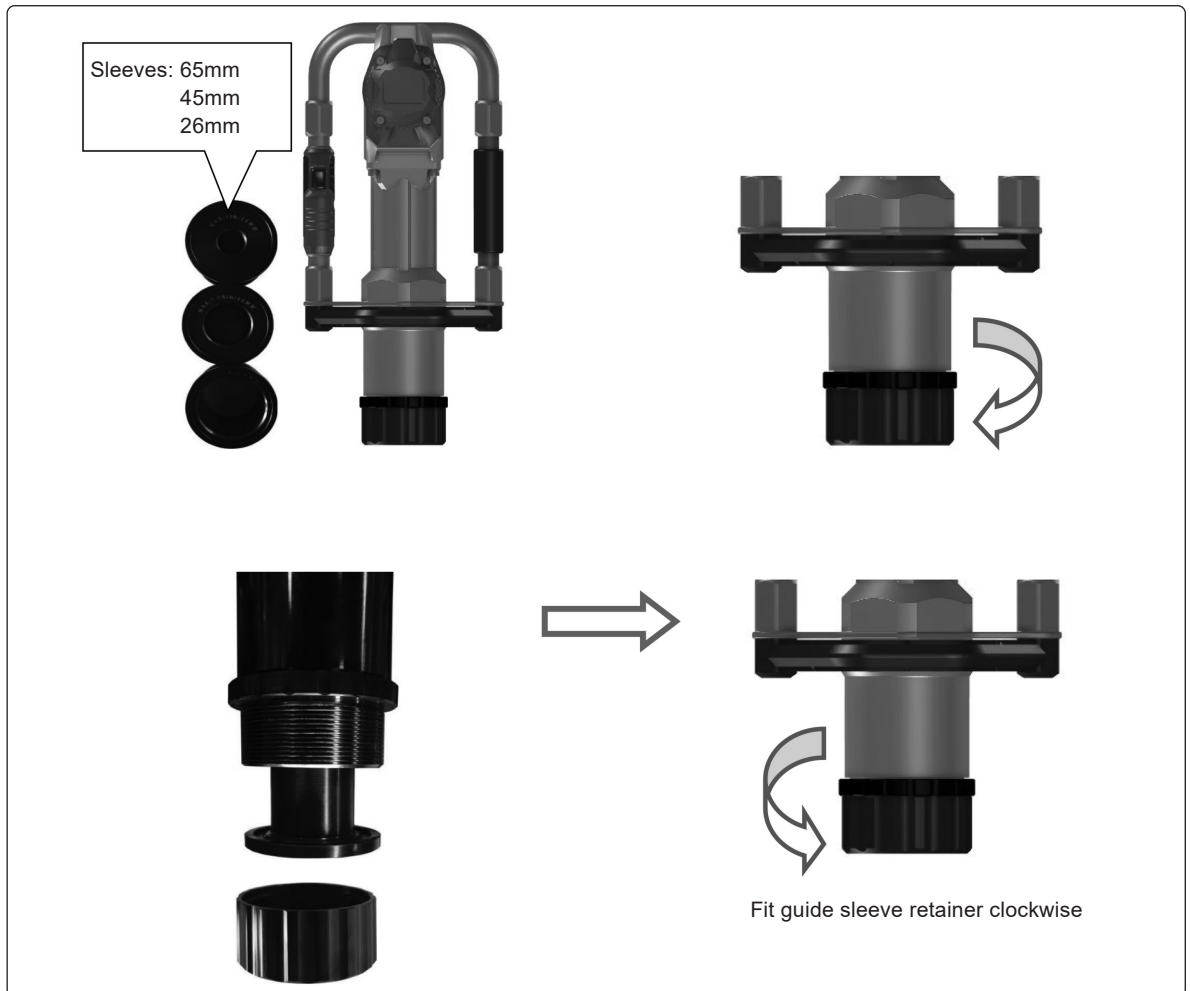
5.2. CHECK CHARGE LEVEL

- 5.2.1. Press the power check button while the machine is stopped. Displayed is the remaining total power, the indicator light will light up for a few seconds, as below.



5.3. FIT PILE SLEEVE

- 5.3.1. Unscrew guide sleeve retainer fit pile sleeve (65mm, 45mm, 26mm) as required. Fit with rubber o-ring upwards.
- 5.3.2. Guide sleeve retainer must be refitted clockwise and torqued to 40-60Nm.

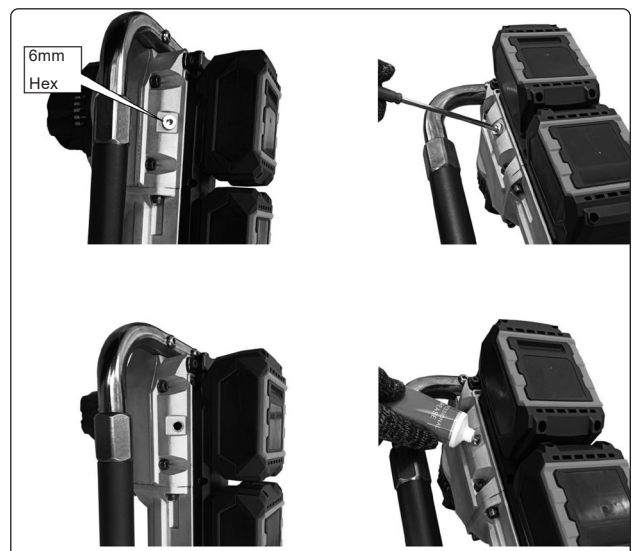


6. OPERATION

- 6.1. Before starting work, ensure that the battery pack is fully charged and check screws and fixings to ensure that they are securely fastened to prevent loosening or falling off during the work process, which may cause personal injury.
- 6.2. Wear PPE.
- 6.3. First, insert the pile into the ground where it needs to be implanted.
- 6.4. Grip the handles on both sides with both hands, pull the trigger.
- 6.5. **PILE DRIVING**
 - * **DO NOT** operate this machine with one hand.
 - 6.5.1. It is prohibited to operate the pile driver at high speed during non piling work.
 - * **DO NOT** accelerate or brake quickly to avoid damaging the machine.
 - 6.5.2. After the required depth of pile penetration, release the trigger to stop the machine from running.
- 6.6. **TRANSPORT:** Retain original packaging and use for transporting driver. Secure properly when transported in vehicles to prevent damage. Always lay driver down carefully to prevent damage to batteries and their mountings.

7. MAINTENANCE

- ❑ **WARNING!** Remove battery packs during Maintenance. Professional repair only.
- 7.1. If the product is damaged, it is strictly prohibited to continue using it. It must be repaired before continuing operation.
 - 7.2. **CHECK SCREWS:** Regularly check if the fixings of this product are securely fastened.
 - 7.3. **ADDING LUBRICATING OIL TO THE IMPACT CYLINDER**
 - 7.3.1. After every 30 hours of operation of the machine, 50 grams of NLGI 1/ISO VG 32 grease must be added to the impact cylinder. When installing the plug, a torque of 20-25Nm must be achieved, as shown on right.
 - 7.4. **HANDLE AND AUXILIARY HANDLE**
 - 7.4.1. The handle and auxiliary handle must be kept dry, clean, and free of grease.
 - 7.5. Regularly wipe and remove dirt to prevent debris from entering the interior of the product.
 - * **DO NOT** use solvents.



7.6. **MAINTENANCE CYCLE**

The following data is for normal use. Under severe working conditions, such as a heavy dust Environment or pile driving for a long time, the maintenance cycle should be shortened accordingly.		Before operating	When used or every day	After battery placement	Every week	Every month	If necessary
Complete device	Check appearance, check tightness of fixings	Y		Y			
	Clean		Y				
Switch	Function check	Y		Y			
Impact cylinder	Clean					Y	
	Add grease						Y
Battery fitting	Check					Y	
	Replace						Y
Motor vents	Check					Y	
	Clean						Y
Screws and nuts	Check						
	Tightening						Y

7.7. **STORAGE:** Store in a dry, child free place. Remove batteries and charge every three months.

8. TROUBLESHOOTING

Slow speed/weak power: Low charge in battery: Charge or replace battery in timely manner

Abnormal noise: Wear and tear on moving parts: Replace

Difficulty in restarting after sudden stop: Battery pack is out of power: Charge or replace battery in timely manner



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.



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

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 is required for any claim.

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