



# 20V SV20 SERIES CORDLESS GREASE GUN- BODY ONLY MODEL NO: CP20VGRG

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 eye protection



Wear protective gloves

## 1. INTRODUCTION

- ✓ Maintain the grease gun and battery in good condition. Check moving parts alignment on a regular basis.
- ✓ Replace or repair damaged parts. Use an authorised service agent and recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Ensure the grease gun is switched off before installing the battery pack.
- ✓ Ensure battery pack is correctly inserted into the drill handle and latched in place before attempting to switch on the grease gun.
- ✓ Keep the grease gun and charger clean for best and safest performance.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain long hair.
- ✓ Avoid unintentional starting.
- ✓ Wear approved safety eye protection (standard spectacles are not adequate).
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-skid shoes.
- ✓ Wear appropriate protective clothing. When handling lubricants refer to manufacturer's instructions and conform to local regulations.
- ✓ Be aware that this grease gun does not need to be plugged into the mains power.
- ✓ Keep the switch in the off position until the grease gun is required for use.
- ✓ Keep children and unauthorised persons away from the working area.
- ✗ **DO NOT** use the grease gun where there are flammable liquids, solids or gases, such as paint solvents, etc.
- ✗ **DO NOT** allow children to operate the grease gun.
- ✗ **DO NOT** allow unauthorised persons to operate the gun.
- ✗ **DO NOT** operate the grease gun if any parts are missing as this may cause failure and/or personal injury.
- ✗ **DO NOT** hold unsecured work piece in your hand.
- ✗ **WARNING!** Disengage the grease gun from the battery before changing accessories, servicing or performing and maintenance.
- ✓ Maintain gun in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. *Use recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Use the gun in a suitable working area. Keep area clean and tidy and free from unrelated materials and ensure there is adequate lighting.
- ✓ Dispose of waste grease in accordance with local authority regulations.
- ✓ When not in use ensure the battery is removed.
- ☐ **WARNING! DO NOT** tamper with or open pump unit. Doing so will invalidate your warranty.
- ✗ **DO NOT** point grease gun at yourself or other persons or animals.
- ✗ **DO NOT** pull the grease gun unit by the hose.
- ✗ When not in use, clean the unit and store in a dry, safe, childproof area.

## 2. INTRODUCTION

High power, professional, cordless grease gun, developing 8000psi. Ideal for in-field lubrication where power and speed are required. Suitable for screw-type and standard 400g cartridges, manual or bulk filling. Features LCD battery condition indicator, air bleed and heavy-duty aluminium pressure head. Requires compatible 20V battery and mains charger, sold separately.

## 3. SPECIFICATION

Model No:.....**CP20VGRG**  
 Battery.....Compatible with CP20VBP2, CP20VBP4, CP20VBP6  
 Flow Rate:.....100g/min  
 Hose Length:.....700mm  
 Mains charger .....CP20VMC  
 Pressure:.....8000psi

## 4. OPERATION

### 4.1. ATTACHING THE BATTERY PACK TO GREASE GUN

4.1.1. To attach the battery, line up the ridges on the battery moulding with the keyways at the base of the handle and slide the battery towards the grease canister until it clicks into place.

4.1.2. To remove the battery from the unit press the two red release catches located each side of the battery simultaneously and slide the battery off the base of the handle.

### 4.2. PRIMING THE GUN

4.2.1. Before loading the gun with a cartridge or filling via a grease bucket, the gun must be primed.

4.2.2. To prime the gun, pack grease into the cavity located at the entrance of the gun assembly (where the grease tubes screws into the gun). When the filled grease canister is attached, operate the trigger to induce the intake of grease into the gun assembly.

### 4.3. REMOVING EMPTY GREASE CARTRIDGE

4.3.1. Fully draw back the plunger handle. When released it will automatically be locked by the catch plate. See Fig.1J. Unscrew the grease canister from the grease gun. To eject the cartridge, hold the plunger handle, press the catch plate and hold it down whilst slowly releasing the plunger.

### 4.4. LOADING A NEW GREASE CARTRIDGE

4.4.1. Unscrew the grease canister from the grease gun. Eject the old cartridge as described in section 4.3. Fully draw back the plunger handle again. When released it will automatically be locked by the catch plate. See Fig.1 J. Remove the base cap from the grease cartridge.

4.4.2. Insert the open end of the cartridge into the grease canister and push it all the way in (Fig.3A). Remove the seal or pull tab from the other end of the cartridge.

4.4.3. Pack grease into the cavity in the pump head where the grease canister attaches.

4.4.4. Screw the grease canister into the grease gun. Press and hold down the catch plate to release the plunger rod.

4.4.5. Purge air from the system. See Section 4.8

### 4.5. SUCTION FILLING

4.5.1. Unscrew the grease tube from the grease gun and eject the cartridge, if fitted.

4.5.2. Ensure the plunger rod has been released by pressing the catch plate. See Fig.1J.

4.5.3. Pack grease into the cavity in the pump head where the grease canister attaches.

4.5.4. Submerge the open end of the grease canister into a grease bucket by approximately 50mm (2"). Slowly pull out the plunger rod whilst pushing the canister deeper into the grease to prevent air pockets from being pulled into the canister (Fig.3B). Continue until the rod is fully extended and locked by the catch plate (Fig.1J).

4.5.5. Screw the grease canister back into the grease gun. Press the catch plate and release the plunger rod.

4.5.6. Press and hold the catch plate and push the plunger rod down until some resistance is felt. Release the catch plate.

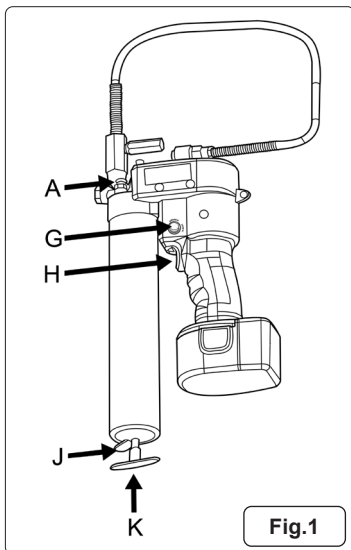


Fig.1



Fig.2

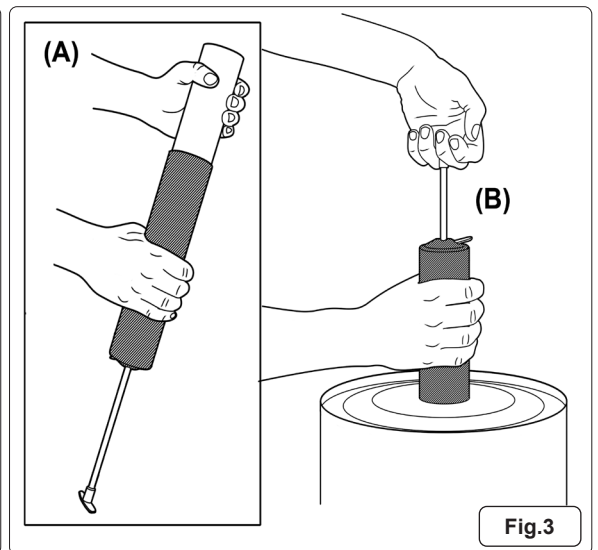


Fig.3

### 4.6. BULK FILLING

4.6.1. Press the catch plate to release the plunger rod.

4.6.2. Connect a low pressure bulk greasing unit to the bulk filler nipple (Fig.3B) at the top of the gun and fill until plunger rod is fully extended.

4.6.3. Press and hold the catch plate and push the plunger rod down until some resistance is felt. Release catch plate.

### 4.7. OPERATION

4.7.1. Turn the trigger locking knob to the upper "unlock" position.(Fig.1.G)

4.7.2. Slide the grease tube connector out of the stowage point on the top of the unit (Fig.4.4) and push the connector onto the chosen grease nipple and operate the trigger until the desired amount of grease has been dispensed.

4.7.3. When the grease gun is not in use turn the trigger locking button (Fig 1.G) to the lower "lock" position .

### 4.8. ELIMINATING AIR POCKETS

4.8.1. If you encounter air pockets during operation the following procedures can be used to eliminate them.

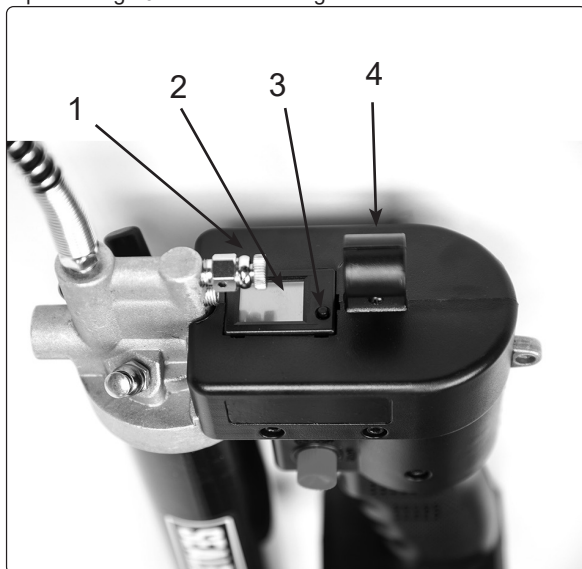
4.8.2. Hold down the catch plate and exert force on the plunger (Fig 1.K), whilst pressing the vent valve (Fig 1.A).

4.8.3. Operate the trigger (Fig 1.H) in short, sharp bursts until grease begins to flow from the connector at the end of the flexible tube.

4.8.4. Slowly turn the thumb screw on top of the grease release valve (Fig.4.1) anticlockwise until grease and air begin to escape from the hole in the side of the valve. When all the air has been expelled and only grease is escaping, shut the valve by turning the thumb screw clockwise.

4.9. **READING THE BATTERY DISPLAY**

4.10. To check the remaining battery power, press and hold down the LED display button (Fig.4.3) on the top of the grease gun. A gauge will appear on the display (Fig.4.2) showing the percentage of battery charge left. The display has five segments, each representing 20% of the full charge.



**5. TROUBLESHOOTING**

CONDITION	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Motor fails to run.	Battery needs recharging.	Recharge battery.
	Faulty wiring to motor.	Remove battery, disassemble handle and check wiring for loose connections.
Pressure release valve opens to discharge grease.	Blocked line.	Check lines, pipe joints and grease fittings and remove any obstructions.
	Blocked bearing.	
	Blocked grease fitting.	
Grease gun fails to dispense grease.	Grease tube is out of grease.	Check that the tube contains grease.
	Loss of prime.	Repeat priming operation.
	Check valve is not functioning.	Remove check valve, clean and inspect the valve seat.
Grease gun continues to lose prime.	Air may be trapped in locations throughout the grease tube assembly after bulk filling.	Empty grease tube assembly, refill and repeat priming operation.
	Grease tube follower may be binding.	Replace grease tube assembly.
Battery fails to charge.	Charger may not have power.	Check the mains charger is providing power.
	Battery may be dead.	



**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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