

SEALEY

3-WAY FILL HEAVY-DUTY DUAL PISTON GREASE GUN

MODEL NO: **AK4402.V3**

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



Wear protective clothing

1. SAFETY

- WARNING!** Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using this equipment.
- Familiarise yourself with the application and the limitations of the grease gun, as well as the potential hazards.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Keep the grease gun clean for best and safest performance.
- Check moving parts alignment on a regular basis.
- DO NOT** use the grease gun for any purpose other than that it was designed for.
- DO NOT** operate the grease gun if any parts are damaged or missing, as this may cause failure and/or personal injury.
- When not in use store in a safe, dry, childproof location.
- WARNING!** Always wear approved eye protection when operating the grease gun.
- WARNING!** An empty grease cartridge or grease is under pressure from the spring in the barrel, use caution when removing it.
- WARNING! DO NOT** apply excessive torque or over-tighten the grease gun head as this will apply undue stress to the die cast outlet and may cause it to fracture.

2. INTRODUCTION

Highly durable aluminium die-cast head with air release valve. Dual piston mechanism results in increased output per stroke. 3-Way fill, with cartridge, bulk or suction. Accepts standard 400g cartridges. Supplied with 150mm bent steel extension delivery tube and 35mm coupler. Knurled grease tube and rubber handle for greater precision. Features variable stroke for controlled grease volume. Dual inlet of grease ensures that the gun does not lose prime.

3. SPECIFICATION

Model No:	AK4402.V3
Capacity:	500cm ³ - 400cm ³ Cartridges
Delivery per Stroke:	2.4cm ³
Delivery Pressure:	6000psi
Nett Weight:	1.47kg
Optional Accessories:	GGHE300 - Rubber Delivery Hose with 4-Jaw Connector Flexible 300mm 1/8" BSP Gas



fig.1

1	Coupler
2	Extension pipe
3	Grease gun head
4	Barrel
5	Plunger rod tab
6	Plunger rod handle
7	Heavy duty lever handle
8	Bleed valve

4. INSTALLATION

4.1. SETTING UP THE GREASE GUN HEAD (fig.1)

NOTE: Use P.T.F.E. tape while connecting extension pipe to the grease gun head and grease coupler to the extension.

- 4.1.1. Connect the extension to the outlet of grease gun head.
- 4.1.2. Thread tighten the grease coupler to other end of extension.
- 4.1.3. All connections should be tight.

NOTE: Grease or empty cartridge in barrel is under pressure from the internal spring, be alert when removing head of the barrel.

4.2. GREASE GUN LOADING

- Unscrew barrel anticlockwise.
- Pull back plunger rod fully and lock out with the tab (except when Suction Loading).

4.3. CARTRIDGE LOADING

- Remove plastic cap from end of grease gun cartridge, insert into barrel of grease gun.
- Remove seal from grease gun cartridge and screw grease gun head back onto the barrel.
- Depress the bleed valve (fig.1).
- Release the plunger rod using its tab, force the rod out and in a few times to eject air trapped in the grease, from the bleed valve. When grease comes out of the valve the air has been discharged.
- Pump the grease gun handle until grease flows continuously. If it does not, depress the bleed valve again and use the plunger rod to expel the trapped air.
- Connect grease gun extension pipe and coupler onto grease gun outlet using PTFE tape, **DO NOT** over tighten.

4.4. SUCTION LOADING

- Put open end of grease barrel into grease container to a depth of 50mm.
- Slowly pull back the plunger rod to pull the grease into the barrel. Lock the rod with the tab.
- Screw grease gun head back onto the barrel, depress the bleed valve (fig.1).
- Connect grease gun extension pipe and coupler onto grease gun outlet using PTFE tape, **DO NOT** over tighten, as it will fracture.
- Release the plunger rod using its tab, force it out and in a few times to eject air trapped in the grease, from the bleed valve. When grease comes out of the bleed valve the air has been discharged.
- Pump the grease gun handle 2/3 times until grease flows continuously. If it does not depress the bleed valve and use the plunger rod to expel the trapped air.

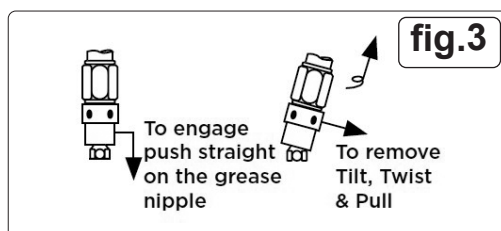
4.5. BULK LOADING

- Fully draw back the plunger rod handle and lock into place.
- Remove the grease gun head from the grease gun barrel by turning it counter clockwise.
- Fill the grease gun barrel with grease using a spatula.
- Reassemble the grease gun head to the grease gun barrel by turning it clockwise.
- Connect grease gun extension pipe and coupler onto grease gun outlet using PTFE tape, **DO NOT** over tighten, as it will fracture.
- Depress the bleed valve.
- Release the plunger rod using its tab, force it out and in a few times to eject air trapped in the grease, from the bleed valve. When grease comes out of the bleed valve the air has been discharged.
- Pump the grease gun handle until grease flows continuously. If it does not depress the plunger rod tab and use the plunger rod to expel the trapped air.
- Connect grease gun extension pipe and coupler onto grease gun outlet using PTFE tape, **DO NOT** over tighten.

4.6. USING GREASE GUN (fig.3)

- 4.6.1. Select the required stroke by releasing the trigger on the handle (fig.1).
- 4.6.2. The coupler has jaws which snap onto a grease nipple. Push the coupler straight onto the nipple to form a good fit.
- 4.6.3. Operate the grease gun as square onto the nipple as possible.
- 4.6.4. Once finished tilt the coupler twist and pull it off.

❑ **WARNING! DO NOT** try to pull the coupler off straight.



5. MAINTENANCE

Grease gun and extension should be kept clean and checked for damage before each use.

6. TROUBLESHOOTING

Grease gun pumps little or no grease.	Barrel not completely tightened.	Tighten the barrel completely.
	Air Pockets are trapped in grease.	Remove air pocket by referring to "Removing trapped air" section.
	Blocked grease gun extension.	Remove the extension and operate the grease gun. If the gun dispenses grease then the gun is fine. Clean or replace the extension.
	Grease too thick or cold.	Store grease gun and grease away from extreme cold or use thinner grease.
Excessive grease leaking past the follower.	Follower is damaged.	Replace the grease gun.
If the gun still doesn't operate.		Contact nearest authorized service dealer.



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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