

Description

Protect your investment with the best lubrication possible. Our grease applicator is most advanced applicator available. It can provide complete lubrication under all conditions: saving you time and money. There is no need to move an air compressor around.

The unit is self contained and operation is very simple. It applies up to NLGI3 grease instantly at up to 7000 PSI (500kg/cm³). The flow rate is up to 1.8 Kg/min. This makes even the most demanding greasing applications quick and easy. It eliminates air bubbles and draws over 95% of the grease from the can, so wastage is at a minimum. It is equipped with an adjustable pressure or viscosity requirements.

There are different models available. From our experience we have designed them to fill the various needs of many different industries. AC models are available for use with household current for 50 gallon or 5 gallon cans. DC models are available for use mounted on vehicles or on a cart with a battery for fully portable grease application.



Specifications

MODEL	VOLTAGE	POWER	No LOAD SPEED	STANDARD ACCESSORIES	
GP-300A	110V or 220V	2200W	2500 r.p.m	GP-300A,B	GP-3000A,B
GP-300B	12V or 24V	2100W	3000 r.p.m	- Cabinet - Wheel & Handle Set for Cabinet - 6 Metre hose - Grease Gun - Level Guide	- 6 metre hose - Grease Gun (Does not include: Cabinet, Wheel, Handle Set for Cabinet & Level Guide)
GP-3000A	110V or 220V	2200W	2500 r.p.m		
GP-3000B	12V or 24V	2100W	3000 r.p.m		



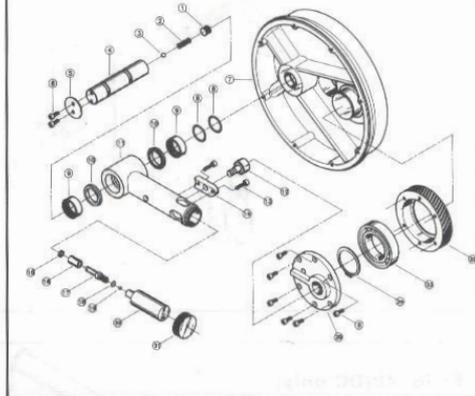
GP300 Parts and Drawing Breakdown

4. To remove unit from empty can, use a clean slot-head screwdriver to release vacuum seal by gently prying sideways on seal lip. Use a rocking motion to remove unit from can.



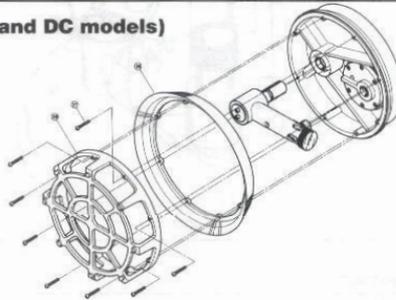
■ EXPLODER VIEW

A: 1~25(AC and DC models)

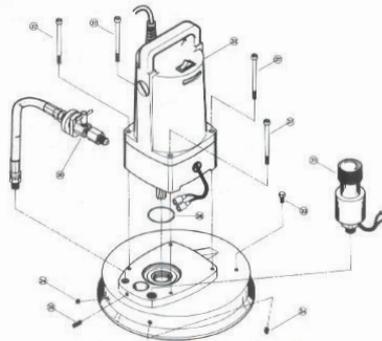


*** CAUTION: When changing grease, take great care that no sand or foreign materials contact seal. This machine requires an air-tight seal to operate. So maintain the seal in good condition.**

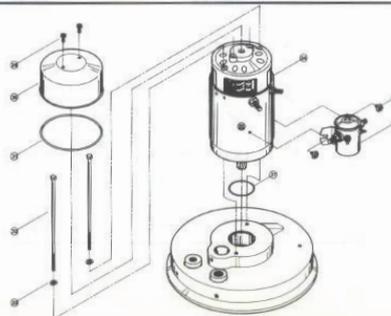
B: 26~28(AC and DC models)



C: 29~37(AC only)



D: 29~31(DC only)



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GP300 Parts and Drawing Breakdown

EM O.	PARTS NAME FOR AC AND DC MODELS	Q`TY	ITEM NO.	PARTS NAME	Q`TY
1	Hex. Hd. Set Screw PT1/4	1	30	Hose Connector W/ Bleeder valve	1
2	Spring	1	31	Pressure Regulator	1
3	Check Ball 8mm	1	32	Motor Assy.	1
4	Outlet Spindle	1	33	Vent Bolt PT1/4	1
5	Washer	1	34	Set Screw PT1/16	4
6	Hex. Hd. Screw M5x12	8	35	Hex. Hd. Set Screw M6x12	1
7	Base Plate	1	36	O-Ring 1.8x62	1
8	O-Ring	2	37	Hex. Hd. Screw M6x85	4
9	Needle Bearing 25x32x12	2		FOR DC MODELS ONLY	
10	Seal 25x33.3x5	2	38	Phillips Head Screw M5x10	2
11	Carrier Assy.	1	39	Motor Cover	1
12	Bearing Assy.CF 10xM10	1	40	O-Ring 2x110	1
13	Hex. Head Screw M5x15	2	41	Bolt M6x195	2
14	Sliding Block	1	42	Lock Washer 6mm	2
15	Retainer	1	43	Motor Assy.	1
16	Bushing	1	44	Solenoid	1
17	Suction Pipe Bolt	1	45	Screw M5x8	2
18	O-Ring 1x7	1	46	O-Ring 2.5x42	1
19	Piston Check Ball 6mm	1	47	Handle	1
20	Piston	1	48	Screw M5x10	4
21	Cap	1	49	Cover	1
22	Planet Gear	1	50	Vent Bolt PT1/4	1
23	Bearing 6009	1	51	Set Screw PT1/16	2
24	Snap Ring 40mm	1	52	Hex.Hd.Set Screw M6x12	1
25	Crank Plate	1	53	Hose Connector W/Bleeder Valve	1
26	Seal	1	54	Pressure Regulator	1
27	Phillips Head Screw 5x30	8	55	Boot(large)	4
28	Pump Guard	1	56	Boot(small)	2
	FOR AC MODELS ONLY				
29	Seal 28x40x7	1			



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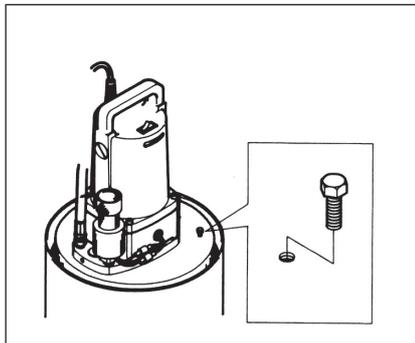
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POWERED GREASE APPLICATOR PRECAUTIONS:

1. This unit is only suitable for cylindrical 5 gallon grease cans. It will not work with square cans.
2. After use, always turn off power and release pressure in hose. This will maintain long life for unit.
3. Never allow unit to contact water. It is NOT water resistant. Water will damage unit and will cause an electric shock hazard.
4. Never use grease that is contaminated with foreign materials, grit, sand, ect. Always protect against contamination in use.
5. If there is no pressure at the gun and the motor is running at no load, use bleeder to check if there is air.
6. When using in extremely cold temperatures, volume at the gun will be low and intermittent. In this case change to a lighter grease.

SET UP

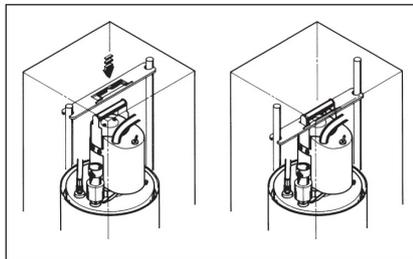


1. Before first use with a new unit, pump must be primed. Remove vent bolt (no. 33) and place unit into grease can. Rock back and forth until grease escapes from vent hole. The air is now bled out. Replace vent bolt and tighten firmly. On subsequent use it is not necessary to bleed with vent bolt. Using the bleeder valve will be sufficient.

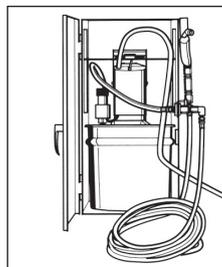
2. After priming, place unit and grease can into cabinet. Snap guide in place on handle of unit. Line guide up with rails in cabinet. Guide is necessary to keep unit aligned during operation.



3. Snap cord and hose keepers in place in their respective slots in cabinet lip. Connect high pressure hose and grease gun.

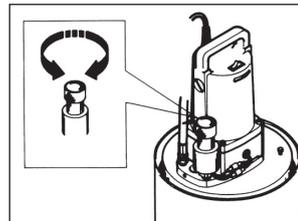


4. Turn on motor and open bleeder valve. If there are bubbles or if grease has white appearance, there is still air. As soon as clean, air-free grease emits from bleeder, close bleeder. Hand tight is sufficient. Do not use undue force or pliers to close bleeder.

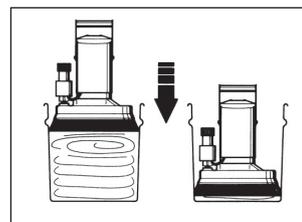


OPERATION:

1. Using pressure regulator, adjust output pressure to desired value. Turn clockwise to increase pressure, anticlockwise to decrease.
2. Use grease gun normally.



3. Unit will descend in grease can as grease is used up. If guide is almost level with top of can, grease is used up. When grease is used up, motor will run at no load and will sound different. Please change grease.



*** NOTE: Motor automatically stops when it achieves set pressure.**



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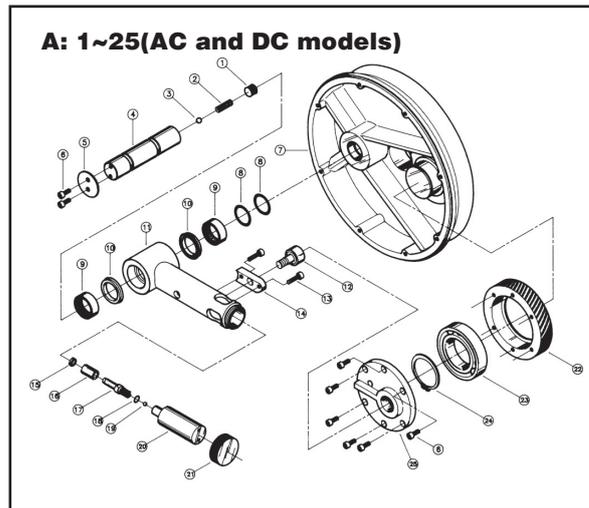
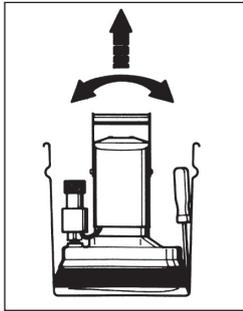
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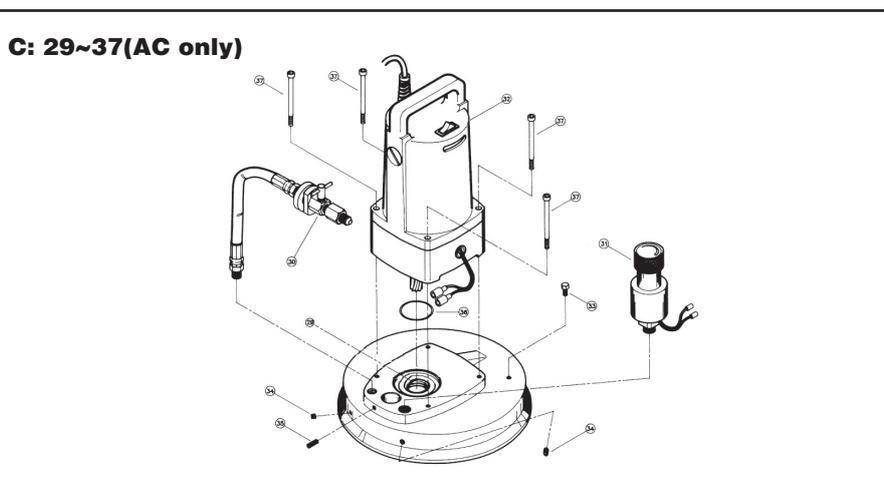
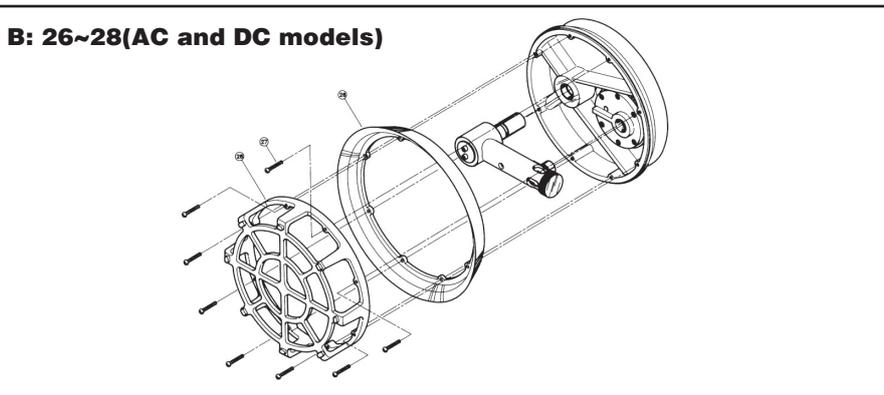
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TROUBLE SHOOTING

PROBLEM	CAUSE	CORRECTIVE ACTION
When switch is turned on, motor doesn't run	1. Enough pressure	1. Normal
	2. Motor damaged	2. Send to authorized service center
	3. Pressure regulator released	3. Adjust pressure
	4. Pressure regulator defective	4. Use a voltage tester to check continuity
Motor runs, but no pressure at gun.	1. Air not bled out	1. Bleed out air
	2. Piston damaged	2. Send to service Inspect/change parts no.16,20
	3. Seal leaking	3. Inspect/change part no. 10
	4. Piston check ball jammed	4. Inspect/change part no. 19
	5. Loose bearings	5. Inspect/change parts no. 9,11,23
	6. Grease congealed due to cold weather	6. change to lighter grease
	7. Outlet check ball jammed or broken	7. Inspect/change part no. 3
	8. Seal damaged	8. Inspect/change part no.26



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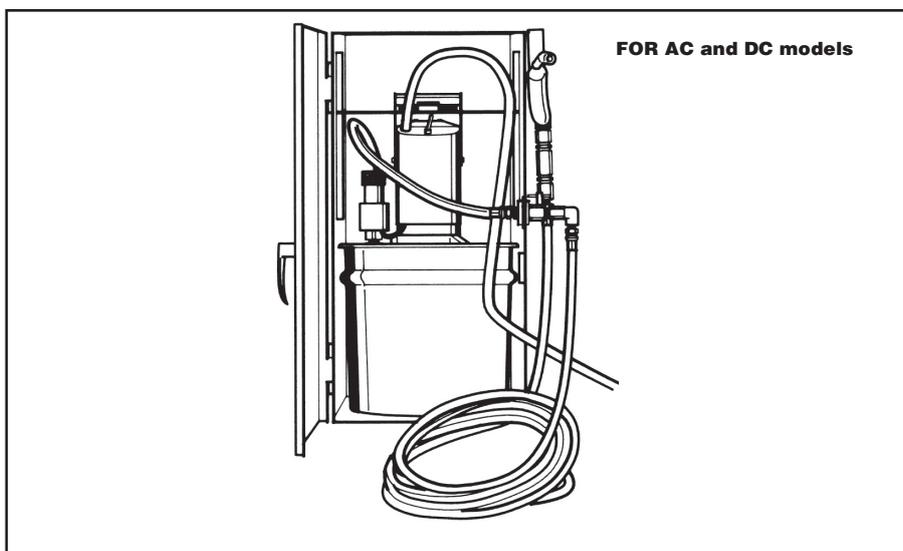
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POWERED GREASE APPLICATOR

INSTRUCTION MANUAL



Specifications

Grease type	Safe pressure	Net weight
No. 1-3	500 kg/cm ²	16 kg

*Manufacturer reserves the right to change specifications without notice.

SAFETY INSTRUCTIONS

WARNING!

When using electric tools, always follow basic safety precautions to reduce the risk of fire, electric shock and personal injury, including the following:
READ ALL INSTRUCTIONS AND SAVE THEM FOR FUTURE USE. Be sure everyone operating this tool reads and understands these instructions.

1. **KNOW YOUR POWER TOOL.** Read this manual carefully to learn your power tool's applications and limitations as well as potential hazards particular to his tool.
2. **KEEP WORK AREA CLEAN AND WELL LIT.** Cluttered, dark work areas invite accidents.
3. **KEEP CHILDREN AWAY.** All visitors should be kept at a safe distance from the work area to avoid distracting the operator and contacting the tool or extension cord.
4. **AVOID DANGEROUS ENVIRONMENTS.** Do not expose power tools to rain or use them in wet or damp locations. Do not use tools in the presence of flammable liquids or gases.
5. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
6. **USE SAFETY GLASSES.** Use a face or dust mask if operation is dusty.
7. **DRESS PROPERLY.** Do not wear loose clothing or jewelry, and contain long hair since these may be caught in moving parts. Wear rubber gloves and insulated non-skid footwear when working outdoors.
8. **SECURE WORK.** Use clamps or vise to hold work securely and free both hands to operate tool.
9. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces such as pipes, radiators, ranges and refrigerator enclosures. Always check the work area for live wires, and hold your tool by insulated surfaces.
10. **KEEP HANDS AWAY FROM ALL MOVING PARTS.**
11. **DO NOT FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
12. **USE RIGHT TOOL.** Do not force a small tool or attachment to do the job of a heavy-duty tool. Do not use tool for a purpose for which it was not designed, such as using a circular saw for cutting tree limbs or logs.
13. **DO NOT ABUSE CORD.** Never carry tool by its cord or disconnect by yanking the cord from the receptacle. Keep the cord from heat, oil and sharp objects.
14. **MAINTAIN TOOLS CAREFULLY.** For best performance, keep tools clean. Follow instructions for lubricating and changing accessories. Keep tool handles clean, dry and free of oil grease. Periodically inspect switches, tool cord and extension cord. Check moving parts for alignment and binding as well as for breakage, improper mounting and any other conditions that may effect its operation. Have an authorized service center replace or repair any damaged parts.
15. **DO NOT OVER REACH.** Keep proper footing and balance at all times.
16. **AVOID ACCIDENTAL STARTING.** Be sure the tool is turned off before plugging it in. Do not carry a connected tool with finger on the switch.
17. **CHECK DAMAGED PARTS.** Before using the tool, damaged parts should be carefully checked to be sure it will operate properly and perform its intended function. Have an authorized service center repair or replace any damaged parts.
18. **UNPLUG TOOL.** When it is not in use and before changing accessories or performing maintenance, be sure that the tool is disconnected.
19. **STAY ALERT.** Watch what you are doing, and use common sense. Do not operate a tool when you are tired, distracted or under the influence of drugs or alcohol.
20. **STORE IDLE TOOLS.** When not in use, store tools in a dry and high or locked area-out of reach of children.



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