

'Ultimate' All Weather
Pistol Grip Grease Guns

G80

All weather grease gun, designed especially for ease of use in very cold weather conditions

Venturi Mechanism coupled with a large grease inlet helps retain prime

Built tough
Robust grease gun barrel 0.049" (1.2 mm) thick, heavy duty follower spring, CNC machined grease gun head machined to very close tolerances that ensures perfect fits, large rolled threads for fast & easy re-loading

Double lipped rubber follower for use with 14 oz. (400 gms) grease cartridge / bulk, without any changeover

Heavy Duty plunger spring design keeps grease compressed, free of air pockets

Drop resistant Pistol Grip design

Unique Adjustable Stroke Mechanism that switches between high volume & high pressure applications with ease

High volume for faster greasing and high pressure for use in cold weather

Works with all grease types NLGI 1, 2 & 3

Develops
Upto 7,000 PSI / 480 BAR



SPECIFICATIONS

	G80
Cartridge Size	400 GMS
Handle Style	Adjustable Pistol Handle
Maximum Pressure	7,000 PSI (480 Bar)
Delivers	0.90 gm/stroke
Grease Filling Option	Cartridge Fill, Bulk Fill, Transfer Pump

TO EXPEL AIR POCKETS

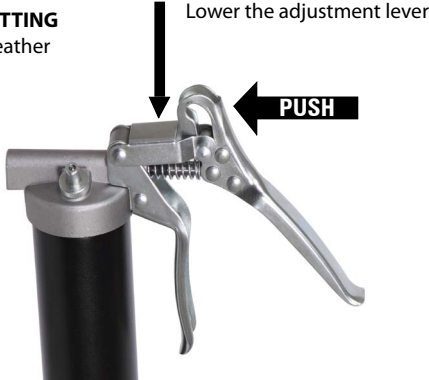
- Unscrew the unique bulk loader by two turns.
- Move Plunger rod back & forth to force out any trapped air.
- Expel force on grease using plunger handle till grease oozes out of head & bulk loader valve.
- Tight the unique bulk loader

THREE WAYS TO LOAD YOUR GREASE GUN

CARTRIDGE LOADING	SUCTION FILL	TRANSFER FILL
		
Remove the gun head by rotating it in anticlockwise direction.		Wipe the grease gun's bulk loader valve free of grease and possible debris. Activate the transfer pump until a small amount of grease comes out. This step will minimize transferring any trapped air.
Pull the Plunger Rod Handle all the way back.	Insert the open end of the barrel about 2" into the grease container.	Connect the Bulk Loader cum Air Release Valve tightly on the grease gun to the loader adapter on the transfer pump line.
Remove the plastic cap from the cartridge and insert the open end of the cartridge into the grease gun barrel until the rim of the pull-tab end meets the rim of the barrel. Now remove the pull-tab seal. Screw back the grease gun head tightly onto the barrel.	Slowly pull the plunger rod handle to draw in grease into the empty barrel while pushing the barrel deeper into the grease until the plunger rod is completely extended. The grease gun barrel should now be filled with grease. The outside surface may have a lot of grease stuck to it and should be wiped clean for safety. Shake the grease gun barrel to allow the grease to settle down. Screw back the grease gun head tightly onto the barrel.	Start operating the transfer pump, keeping your hand on the grease gun, lightly pushing it down onto the transfer pump. Once the gun barrel is filled, pumping would get very hard. Stop now & disconnect the Bulk Loader cum Air Release Valve from the transfer pump line.

ADJUSTING THE PISTOL HANDLE

HI PRESSURE SETTING
for use in cold weather

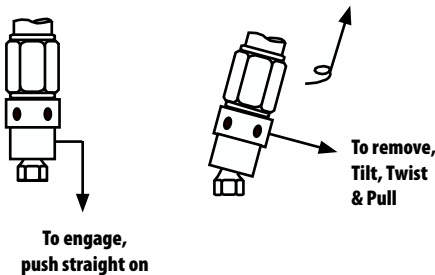


HI VOLUME SETTING
for faster greasing



GREASING A GREASE FITTING / GREASE NIPPLE

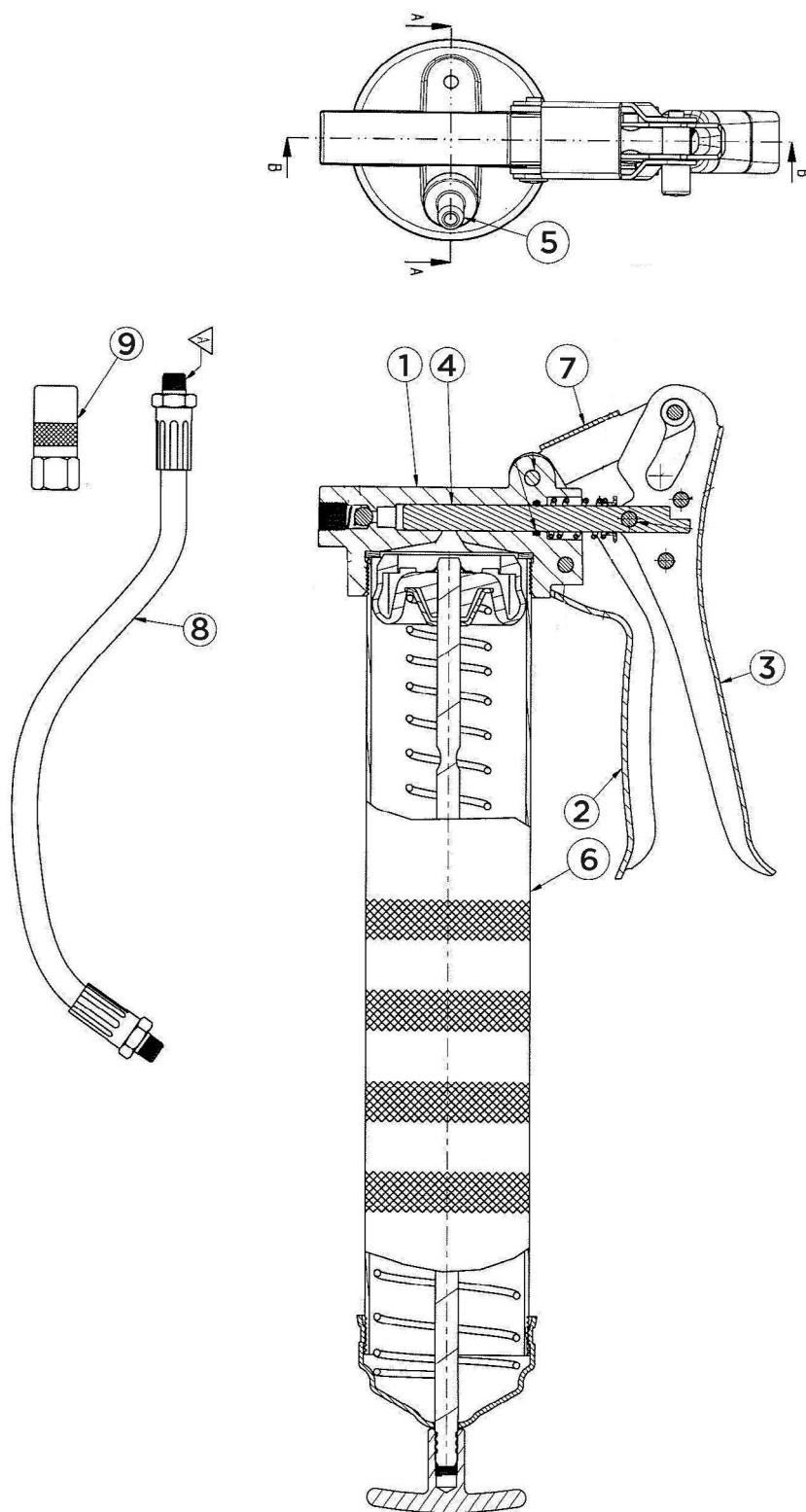
- The grease coupler provided at the end of the grease gun extension has a jaw type construction. The coupler jaws will snap on to a grease fitting and maintain a tight fit.
- When connecting the coupler to the grease fitting, press the coupler straight onto the grease fitting to form a snug fit. Start operating the grease gun with the coupler as square to the grease fitting as possible.
- Once greasing is done, slightly tilt the coupler, twist and pull back. The tilt and twist action will allow easy removal of the coupler from the grease fitting.



MAINTENANCE

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

EXPLODED VIEW



PART LIST

Sl. No.	Art. No.	Part Name	Qty
1.	HD/G70/B	Head (Machined)	1
2.	HND/FX/G70	Fix Handle	1
3.	HND/MOV/G80	Movable Handle	1
4.	PST/G85	Piston	1
5.	SA/BLV/KF75	Bulk Loader Valve	1
6.	SA/BRL/G50/BL	Barrel Assy.	1
7.	UC/G85	U-Clip	1
8.	SA/GHC/HP-12/B	Grease Hose	1
9.	SA/HC/14/4/B	Hyd. Coupler	1

TROUBLESHOOTING

Problem	Possible Cause	Corrective Action
Grease gun pumps little or no grease	Air is trapped in grease	Prime the grease gun as detailed in the section, THREE WAYS TO LOAD YOUR GREASE GUN
	Blocked hose	Remove the hose and operate the grease gun. If the gun dispenses grease then the gun is fine and you need to either clean the extension or replace it
	Grease too thick or cold	Store grease gun and grease away from extreme cold or use thinner grease
Excessive grease leaks out from the back side of the grease gun around the plunger rod	Rubber follower is damaged	Replace the grease gun
Grease leaks from the connection between the grease gun head & the extension or between extension & coupler	Loose connection	Tighten the connection using Teflon or any other Thread Sealant