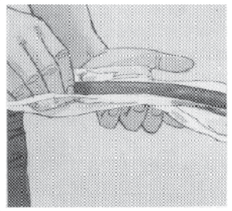
SNIPER™ MX SERIES

SCREW-PRIME HAND HELD HIGH PRESSURE GREASE GUN

"SNIPER" Screw-Prime Hand Held
High Pressure Grease Gun (18" swivel hose)

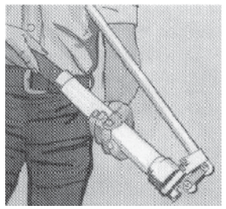
- The MX Series Grease Guns are heavy-duty, industrial grade and precision-made. Use it where proper valve lubrication is a part of a planned maintenance program.
- The equipment is inexpensive and many users dedicate a gun to each type of valve lubricant used. The guns are made to pump "J" or "K" size sticks of heavy-duty valve lubricants or injectable packings where pressure of 10,000 psi is needed for proper lubrication.
- Utilization of industry-standard lubrication fittings will reduce manpower needs and improve lubrication efficiency.
- The GRM MX Series is constructed of high-quality materials and engineered for years of heavy-duty use. They are virtually maintenance-free, and in-stock replacement parts are immediately available to insure years of continuous service.
- This gun comes equipped with an 18" swivel hose assembly and giant buttonhead coupler compatible with industry-standard valve lubrication fittings.
- The GRM high pressure gauge and adapter accessory is available to assist maintenance people in more efficient valve service.

FOUR EASY STEPS TO LOADING THE GRM MX SERIES HAND GUN



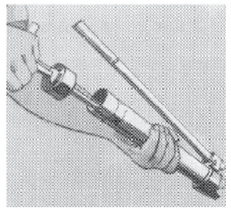
1.

- Unwrap the lubricant.
- Lubricants in "J" and "K" size sticks are wrapped in easy to remove plastic.
- Lubricant sticks are soft and may need to be broken apart as needed.



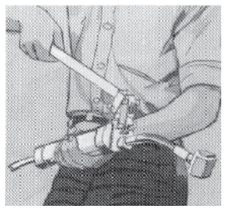
2.

- Insert the stick into the empty barrel.
- One stick fills a barrel.



3.

- Replace screw handle then tighten collar and turn handle until lubricant is pressed into the head end of gun.
- If desired, purge old lubricant from pump, hose and coupler by stroking the pump handle until new grease is visually observed being forced out of the exit of the coupler.



4.

- Continue pumping by screwing in the handle after several strokes of the pump handle.

TIPS ON PROPER VALVE LUBRICATION

There are five kinds of fittings that the buttonhead coupler will attach to. When fitted together, lubrication can be made while the valve is under pressure.

CAUTION: DO NOT DISENGAGE UNTIL GUN IS FREE OF PRESSURE.

AMOUNT OF LUBRICANT

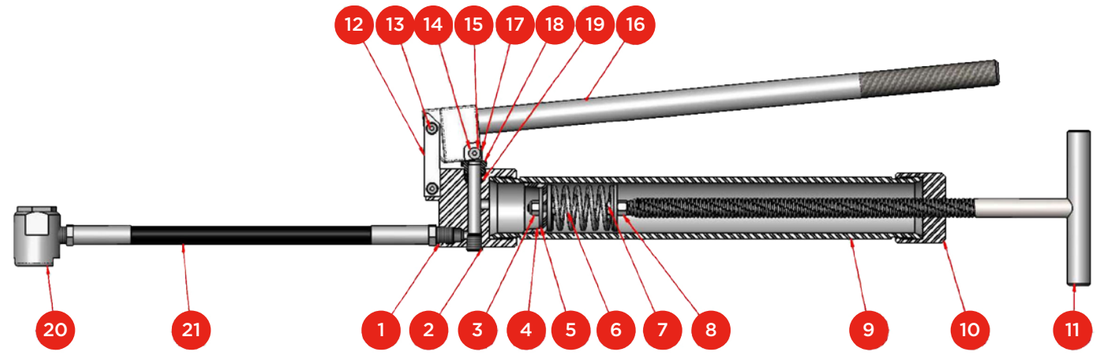
On guns with a pressure gauge, pump lubricant into the valve as long as the pressure rises and the valve takes lubricant. When the valve is full, the pressure will cause a drop reading on the gauge. If no gauge is used, the lubricant begins pumping freer. Stop the pumping and turn the valve to check operation, if possible.

LUBRICATION CYCLES

The amount of lubricant varies greatly depending on how ofter the valve is opened and closed. Less lubricant in the seating area is lost when valves remain open. Constant opening and closing may require more frequent lubrication.

SNIPER™ MX SERIES

SCREW-PRIME, HAND HELD, HIGH PRESSURE GREASE GUN



Ref. No.	Description	Ref. No.	Description	Ref. No.	Description
1	Head	8	Nut 1/4" - NC	15	Stripper Bolt
2	Pipe Plug	9	Barrel	16	Plunger Handle
3	Nut 1/4" - 28 NF	10	Collar	17	Plunger
4	Leather Cup	11	Screw Handle	18	Packing Nut
5	Washer	12	Link (2 required)	19	Packing
6	Primer Spring	13	Stripper Bolt (2 required)	20	BHC78
7	Screw 1/4" - 20 NC	14	Lock Nut (3 required)	21	18" Swivel Hose

ORDERING INFORMATION

Ref. No.	Description	Part Number	Ref. No.	Description	Part Number
4	Leather Cup	GG155220	17	Plunger	GG155285
6	Primer Spring	GG155230	19	Packing	GG155290
6 & 4	Spring/Cup Assembly	GG155235	20	BHC78	F-MIS-3240

Please contact us to confirm availability of other parts.

GRM HIGH PRESSURE GAUGE (OPTIONAL)

- A high pressure silicone oil filled gauge measuring 0 to 15,000 psi
- Case is stainless steel with male 1/4" connection
- Equipped with heavy-duty glass 2 1/2" dial
- Designed specifically for lubrication equipment
- When the lubricant pressure reaches the proper point, the gauge needle will drop indicating the valve is fully serviced
- It can be used to indicate proper valve adjustment and other valve function

Gauge: GG155305 Gauge Tee: GG155310

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LUBRICATION EQUIPMENT

(Be sure to read complete instructions before using these Guns)

I. OPERATION & DESCRIPTION

All models of the GRM Grease Gun are high-pressure tools that should be used with caution and according to these instructions.

IMPORTANT - do not exceed 10,000 psi

These guns are screw prime, lever operated. After loading the Gun (see **II. LOADING**) prime the Gun. The Gun is now ready for operation.

During operation, lever action of the Plunger Handle (16) causes the Plunger (17) to move in and out of the Head (1). As the Plunger (17) goes into the Head (1) it forces the material (lubricant, packing, sealant or cleaner) from the Barrel (9) out through the Head (1) discharge port. Numerous options are available for Head (1) attachments to transmit material to the desired pump, valve, or other equipment. Be sure to have the appropriate material transmission apparatus or hose assembly firmly attached to Head (1) before Gun operation.

To ensure the **GRM "SNIPER"** will perform and operate properly after use, keep the gun out of the weather, clean and maintained.

II. LOADING

Each new **GRM "SNIPER"** is ready to use, following this procedure:

A. To load the **GRM "SNIPER"** lever operated Grease Gun(s) with material (lubricant, packing, sealant, or cleaner) remove the Primer Assembly from the Barrel (9) by unscrewing the Collar (10) from the Barrel (9).

Primer Assembly Includes:
- Screw Handle (11)
- Collar (10)
- Primer Spring Assembly (6)

B. Pull the Primer Assembly out of the Barrel (9).
C. Screw the Collar (10) towards the Primer Spring Assembly (6) to the end of the thread engagement. Make sure Collar (10) does not jam against Primer Spring Assembly (6).
D. Load the Barrel (9) with material in either "J" or "K" sized sticks or bulk. If loading with bulk, leave room in the Barrel (9) for the Primer Spring Assembly (6).
E. Push the Primer Assembly into the Barrel (9) and screw the Collar (10) onto the Barrel (9), by hand until full thread engagement.
F. To prime the Gun, turn the Screw Handle (11) clockwise so that the Primer Spring Assembly (6) collapses and reaches complete compression.
G. Always make sure the Head (1) and Collar (10) are firmly attached to the Barrel (9) and be sure there is full thread engagement between parts before Gun operation.
H. Engage Gun Head (1) discharge port, hose, coupler or other material transmission apparatus with fitting or other receptive device. Make sure connection is secure.
I. The Gun is now ready for use.
J. As the Gun loses its prime, repeat procedure F until material is completely discharged.
K. Repeat procedures A through J as necessary. Before procedure A is completed be sure Primer Spring Assembly (6) is not compressed and Screw Handle (11) is turned counter-clockwise before removing Primer Assembly from Barrel (9). There must be no tension on the Primer Spring Assembly (6).

To remove the Gun from operation, make sure there is no back pressure. Back-off (turn counter-clockwise) the Screw Handle (11).

IMPORTANT - Warranty will be voided if Gun is altered.

NOTE - Contact us for other operation, repair or rebuilding procedures.

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GRM
FLOW PRODUCTS

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Part # GG155000
Operation Instructions Manual