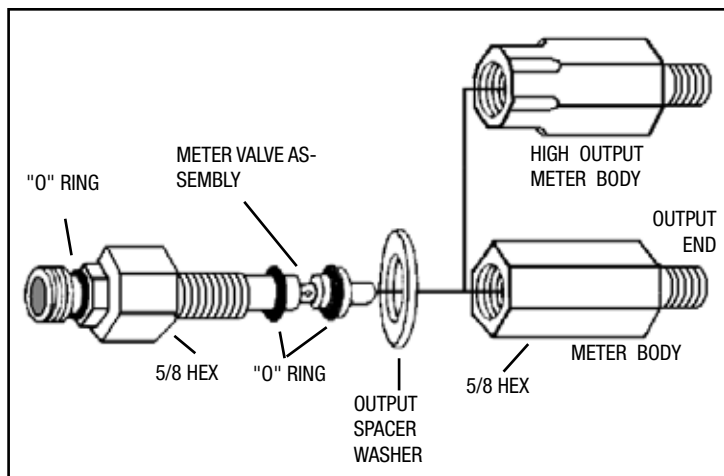


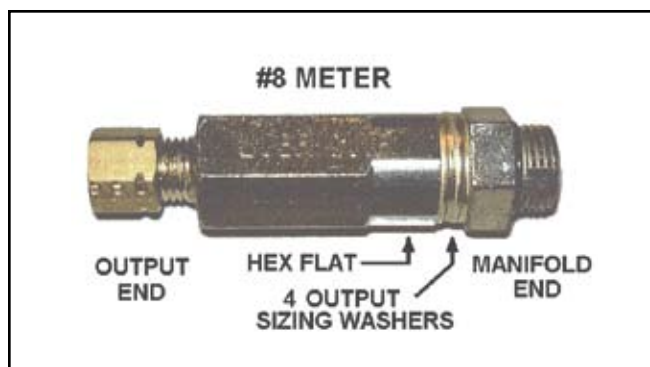
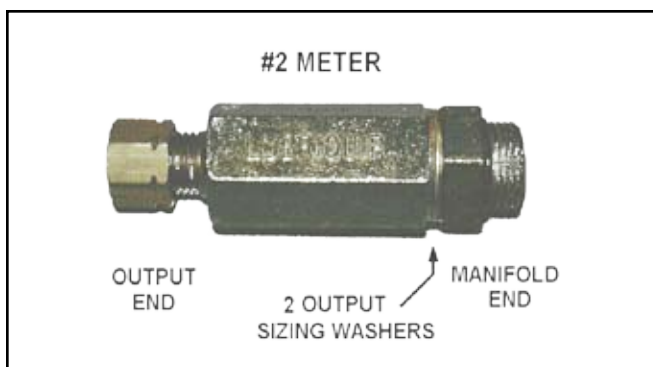
# Adjusting Output Volume of Grease Jockey®

There are instances where an installed meter is not producing the correct amount of lubricant for a specific location on a vehicle or a replacement meter is not the correct size. The procedure in this publication can be followed to produce a meter with the appropriate discharge of grease from size #0 to size #4. (NOTE: Size #8 high output meters cannot be changed.)

The meter design allows for variable output as determined by the number of output spacer washers in the meter body. The following chart will help you determine which size meter is appropriate for the grease location:



Meter Identification and Usage				
Meter Size	# of Washers	Hex Flat	Output (in <sup>3</sup> )	Recommendations for Specific Lubrication Points
0	0	No	0.002	Brake Shafts, Transmissions, Cross Shafts, "S" Cams
1	1	No	0.005	Slack Adjusters, 5th Wheel Pivot, Miscellaneous Points
2	2	No	0.009	Drag Link, Tie Rod Ends, Power Steering Linkage
3	3	No	0.012	King Pins, Spring Pins, Spring Shackles
4	4	No	0.015	Miscellaneous Points
8	4	Yes	0.025	5th Wheel Plate



**Steps to Change Output volume:**

1. If meter to be changed is located on a manifold, remove tubing with a 7/16" wrench. Use a deep well 5/8 in. socket to remove the meter from the manifold:



1



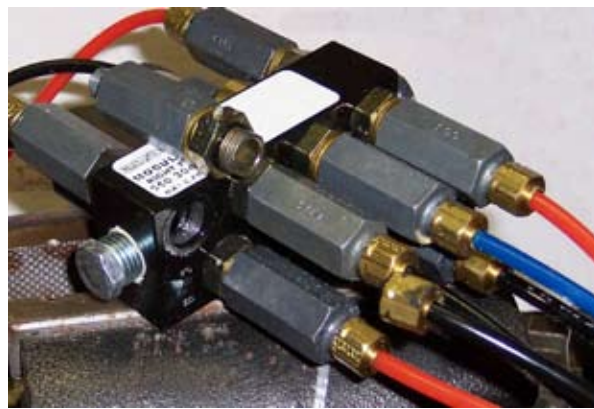
2



3



4



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2. Place meter in a vise, output end (without o-ring) up. Using a 5/8 in. wrench, loosen the meter valve assembly. An alternative and sometimes preferable method due to tool availability is to use two 5/8 in. wrenches to separate the meter halves.



6



7



8

## Steps to Change Output volume cont'd:

3. Separate the meter body from the valve assembly. Be careful not to misplace or damage any springs or O-Rings that may be attached.



9



10

4. Add or remove output spacer washers from the meter valve assembly. **NOTE:** Adding spacer washers will increase output volume, removing spacer washers will decrease the volume.



11

5. Reassemble the meter body onto the meter valve assembly and tighten with a 5/8 in. wrench. Tighten using only enough force to seat output washers firmly. Align hex flats so a deep well socket will slide down to the meter body for assembly onto manifold.



12

## Steps to Change Output volume cont'd:

6. Reassemble meter onto manifold using the deep well socket. Torque to 2-3 ft-lbs. **CAUTION:** Exceeding 12 ft-lbs. can cause the meter to break.



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7. Hand tighten the tube nut onto the meter and tighten 1/8 turn beyond hand tight. The tube nuts can be reused a maximum of 8 times after the initial tightening.



16



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All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

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