



## M Series Metering Valves




### Stem Guide Ring / Packing Adjustment



M series

M series

### Tools Required

Tool	Size	Part
		
Open-end wrench	11/16 in.	Panel mount nut
		
Crow's foot	5/8 in.	Bonnet
		
Torque wrench, capable of:	30 in. · lb (3.4 N · m)	Bonnet



#### WARNING

Before servicing any installed valve, you must

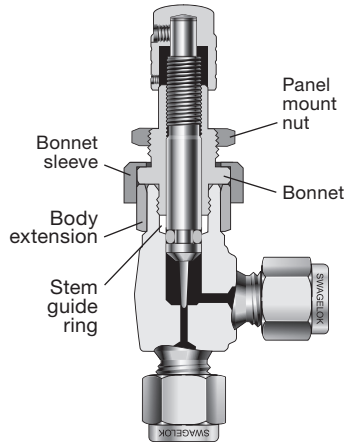
- depressurize system



#### WARNING

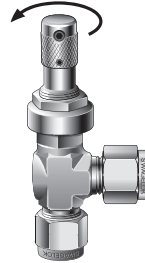
Residual material may be left in the valve.

### Cutaway View

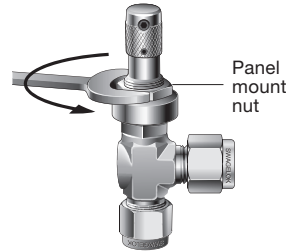


M series shown

1. Relieve system pressure.
2. Actuate the valve to full open position.



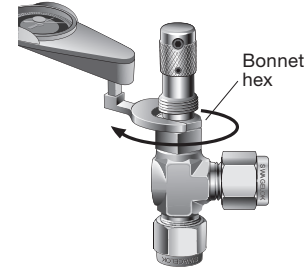
3. Loosen and remove the **panel mount nut**.



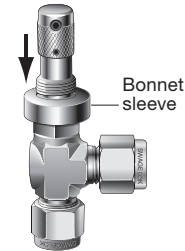
4. Remove the **bonnet sleeve**.



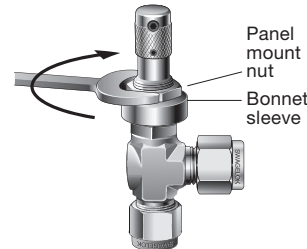
5. Tighten the **bonnet hex** to 25 to 30 in. · lb (2.8 to 3.4 N · m).



6. Slide the **bonnet sleeve** over the bonnet and the body extension.



7. Replace the **panel mount nut** and tighten it against the **bonnet sleeve**.



8. Test product prior to installation in the system.

Translations are available on  
[www.swagelok.com](http://www.swagelok.com)

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