LN/LP Series Packing Adjustment Instruction

Tools Required

Tool	description
Vise	For holding body/bonnet during assembly
Torque wrench	Size depends on necessary torque requirement for assembly

Torque

Torque	Packing Material	LN4	LN6	LN8
in-lbs	PTFE	50	80	220
in-lbs	Flexible Graphite	50	135	255
ft-lbs	PTFE	4	7	18
ft-lbs	Flexiable Graphite	4	11	21

Wrench Size

		Size	Part
Wrench Size	LN4	5/8	Bonnet, Packing Nut, Panel Nut
	LN6	3/4	
	LN8	1-1/8	
	LN4	5/16	Packing Bolt
	LN6	3/8	
	LN8	5/8	

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1. Make sure the valve handle is rotated counter-clockwise in the open position. (If the packing is adjusted in the closed position, this will cause damage to the lower stem and seat.)

*The valve will need to be back seated if the valve is in service and needs a packing adjustment. To back seat the valve, rotate the handle counter-clockwise to the fully open position. At the fully open position apply only 5-10 in-lbs of torque while rotating the handle counterclockwise. (If too much torque is applied, this will cause damage to the lower stem.)

2. Use a wrench to hold the packing bolt in place. (The cap can be removed from the packing bolt to gain better access.)
3. Use a wrench to rotate the packing nut counter-clockwise while holding a wrench on the packing bolt to prevent rotation.
4. The packing nut will now be loosened, and allow adjustment to the packing bolt. Use a torque wrench and rotate the packing bolt clockwise to apply more force on the packing.
5. Use a torque wrench to turn the packing nut clockwise and tighten against the packing bolt using the same torque value.
6. Replace cap on packing bolt if necessary.
7. The packing adjustment is now complete.

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