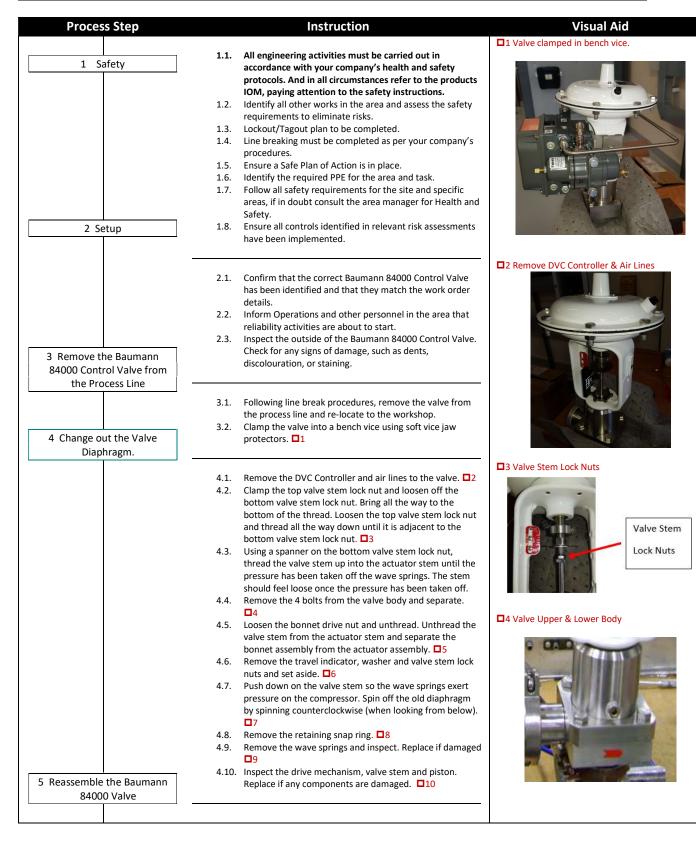


Baumann 84000 Valve Elastomer Change-Out

Symbology Legend:







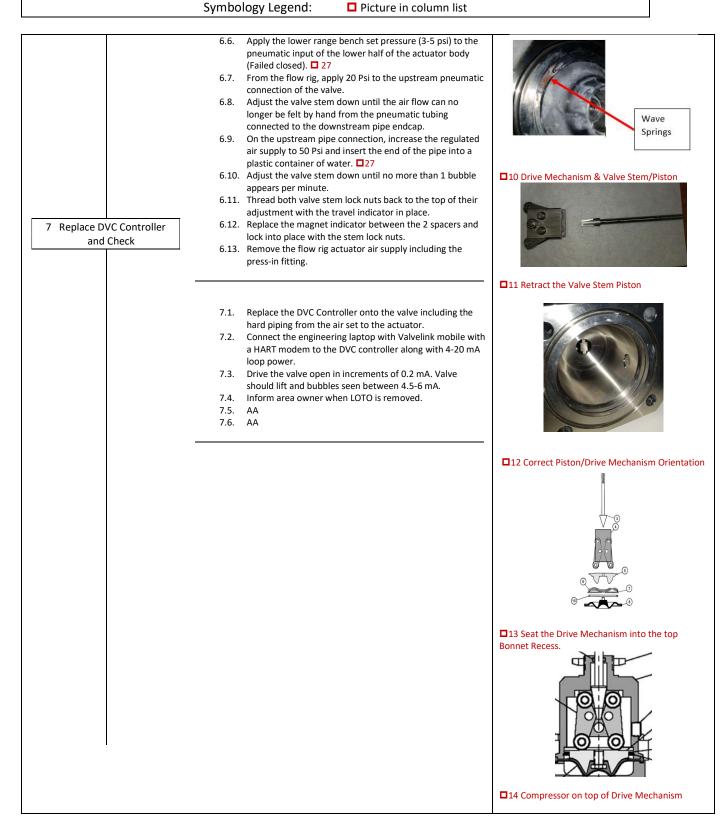
Baumann 84000 Valve Elastomer Change-Out Symbology Legend:

	5.1.	Grease the threaded portion of the valve stem and insert	
		through the bonnet while twisting. Retract the piston fully	■5 Separate Bonnet Assembly from Actuator
		so it does not foul the drive mechanism when it is inserted and orient it in relation to the weep hole as shown.	Assembly
	5.2.	Insert the drive mechanism into the bonnet and orient the	8 8
		piston, drive mechanism and weep holes as per 11 &	C C
		1 2	A And
	5.3.	Ensure the shoulders of the drive mechanism fit into the	
		recess of the bonnet. For this, the top rollers should be	
		retracted inside the frame of the drive mechanism when inserting. 113	
	5.4.	Insert the compressor with the flat side resting against the	
		extended roller bearings. 1 14	And the second second
	5.5.	Grease the bottom of the wave springs and insert them	and the second sec
		with the gaps facing down offset from each other by 180°.	
		□15 □16 (Use Kluberpaste UH1 84-201 Food Grade	
	5.6.	Grease) Install the snap ring with the opening located on the	
	5.0.	downside of the wave spring. 1 17	
	5.7.		
		assembly into the drive mechanism and compress the	6 Travel Indicator, Washer & Valve Stem Lock
		wave springs, thus providing tension on the compressor.	Nuts
	5.8.	Lubricate the diaphragm screw thread and the 2 surfaces	
		of the compressor, as illustrated. Do not over apply grease. 118. 119	Travel Indicator,
	5.9.	Thread the diaphragm onto the compressor until hand	washer & valve stem
		tight, then come back slightly. DO NOT OVERTIGHTEN.	locknuts.
		2 20	
	5.10.	Place the complete bonnet assembly onto the valve body.	
		The diaphragm must fit into the valve body groove for proper concentricity.	
	5.11.	For NPS 1" valves, the bolted flange configuration should	
		be tightened for metal-to-metal contact between the	
		flange and the valve body. Grease the flange bolts using	7 Old Diaphragm
		Kluberpaste UH1 84-201 and torque to 60 Nm. 221	
		For NPS 1.5" & 2" valves □22 Clamp the valve assembly into a vice and tighten.	
		Thread on the 2 valve stem lock nuts onto the valve stem	
		with the washer and travel indicator on top. The lock nuts	
		should be threaded to the bottom of the available thread	
		on the valve stem.	
	5.15.	Install the actuator assembly onto the bonnet assembly. Spin the actuator assembly so that the actuator stem	
		threads onto the valve stem. Keep spinning until the	
		bonnet body fits snugly to the bottom of the actuator	
		assembly.	8 Retaining Snap Ring
6 Bench Set the Baumann		Thread on the actuator drive nut and tighten. 2 23	
Valve	5.17.	Adjust the valve stem down into the valve until resistance is felt between the diaphragm and the valve body.	
	6.1.	Place the appropriate end caps, gaskets and clamps over	Retaining Span Ping
	6.0	the pipe ends. 24	Snap Ring
	6.2.	Place the Valve Flow Rig onto the workbench and connect 8mm pneumatic tubing between the compressor, valve	
		flow rig and valve. 225	
	6.3.	Make sure all pneumatic connections are tight and spin	□9 Wave Springs
		both regulators anti-clockwise so that no pressure is	
	~ •	applied to the valve initially. 26 2 7	
	6.4.	Turn the compressor output regulator anti-clockwise to completely close off the output and switch on the	
		compressor. Allow the compressor to build up pressure to	
		8 bar.	
	6.5.	Turn the output regulator clockwise to 4 bar.	





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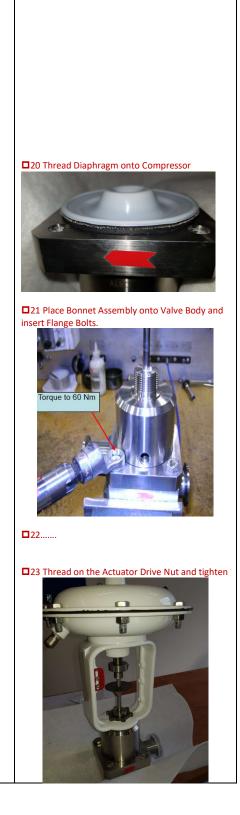




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