







	Form Title:	<b>ENGINEERING BULLETIN</b>	Document #:	<b>EB-04-98</b> <small>(Form: DEF-003A-1)</small>
	Document Title:		<b>Mounting Hydraulic Sliding Valve  Assembly to a Valve</b>	Revision:
			Date:	<b>Jan. 11, 2019</b>
			Page:	<b>1 of 4</b>

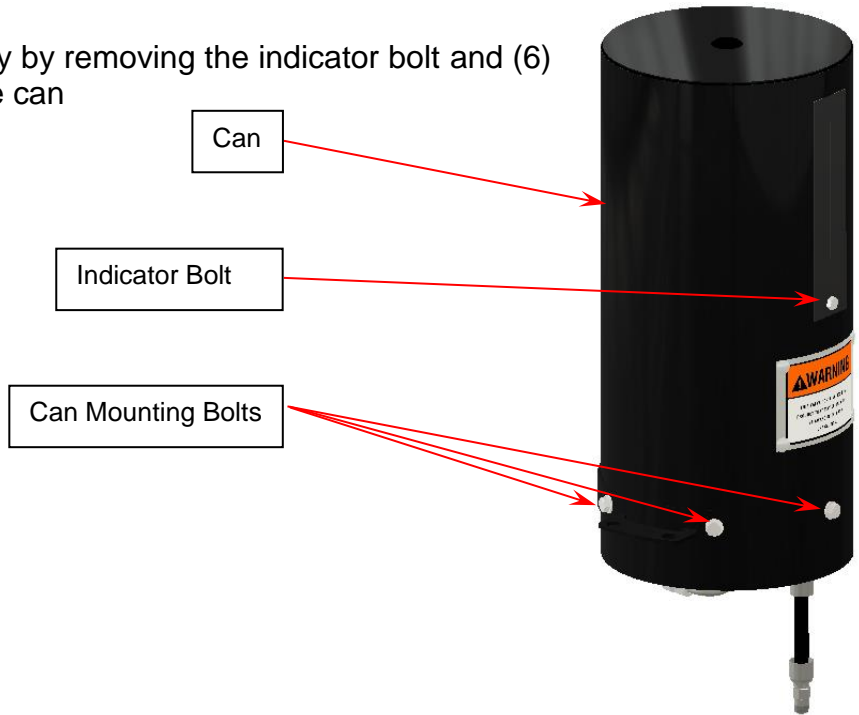
**Description of Bulletin:** This Bulletin provides instructions to mount Betts Hydraulic Sliding Valve assembly to a valve.


Only trained personnel should attempt to perform maintenance on this equipment. As with any maintenance work, proper safety gear and procedures must be used at all times. A list of hazards may include but are not limited to contents under pressure, loaded springs, residual product, flammable liquid and vapors, and pinch points.

		<b>Pressure Hazard</b> – Used Valves may contain residual pressure and failure to safely relieve could result in sudden loss of pressure causing death or serious injury.
		<b>Flammable Product</b> – Used Valves may contain product that could present a risk of fire, explosion, asphyxiation or other hazards resulting in death or serious injury.
		<b>Corrosive Material</b> – Use Valves may contain corrosive material. Protective clothing including gloves and face shield shall be worn.
		<b>Pinch Point</b> – This valve contains pinch points. Care shall be taken while performing maintenance. Protective clothing including gloves and face shield shall be worn.

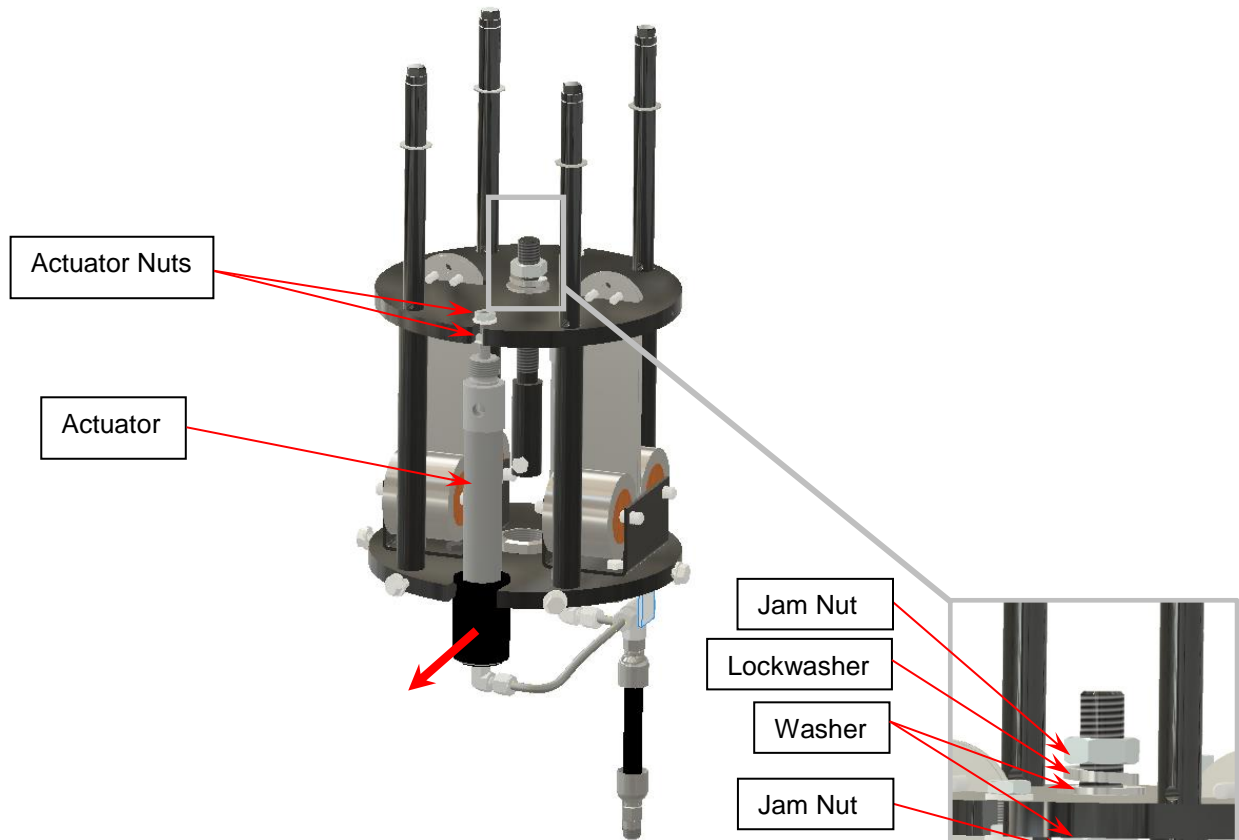
**Bulletin Instructions:**

- 1) Remove the can assembly by removing the indicator bolt and (6) mounting bolts around the can



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	Document Title:		Revision:
	<b>Mounting Hydraulic Sliding Valve Assembly to a Valve</b>		<b>1</b>
		Date:	
		<b>Jan. 11, 2019</b>	
		Page:	
		<b>2 of 4</b>	

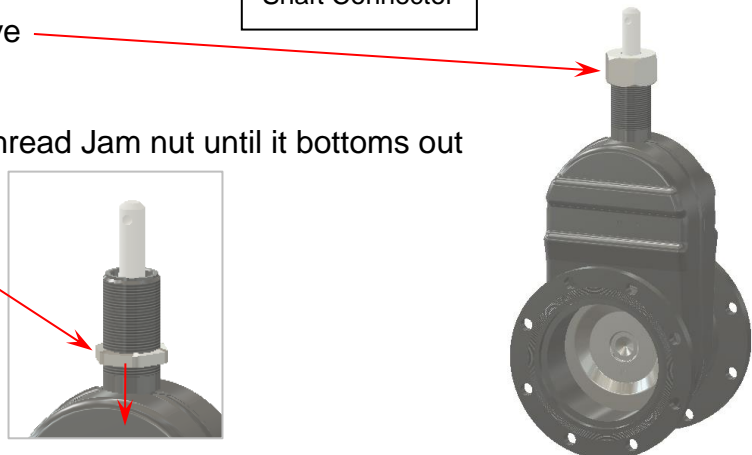
- 2) Loosen actuator nuts and remove one actuator by sliding outward. There are 2 actuators, but only one needs to be removed.




- 3) Remove jam nuts, lockwasher, washers and shaft connector.

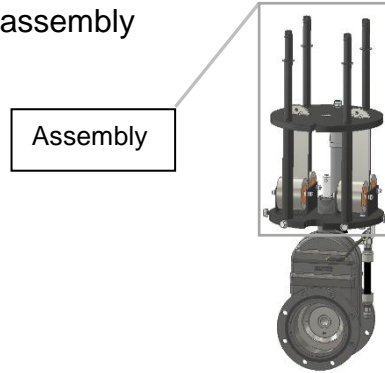
- 4) Remove packing nut from the valve

- 5) Add Never Seize to threads and thread Jam nut until it bottoms out

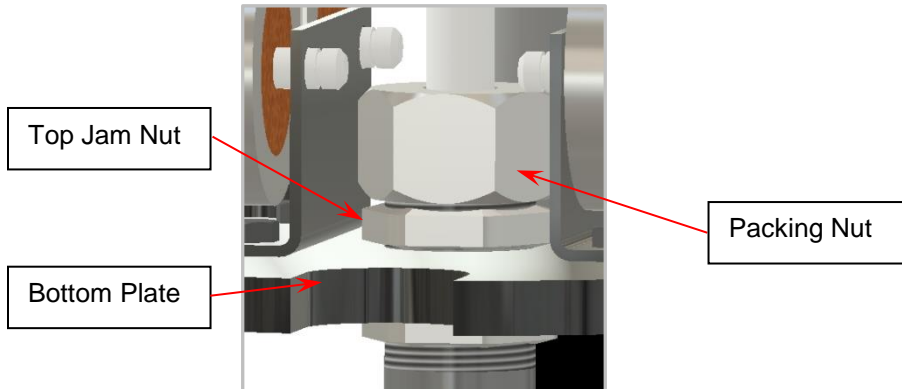


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			Date: <b>Jan. 11, 2019</b>
			Page: <b>3 of 4</b>

6) With the valve closed, slide the valve onto the assembly



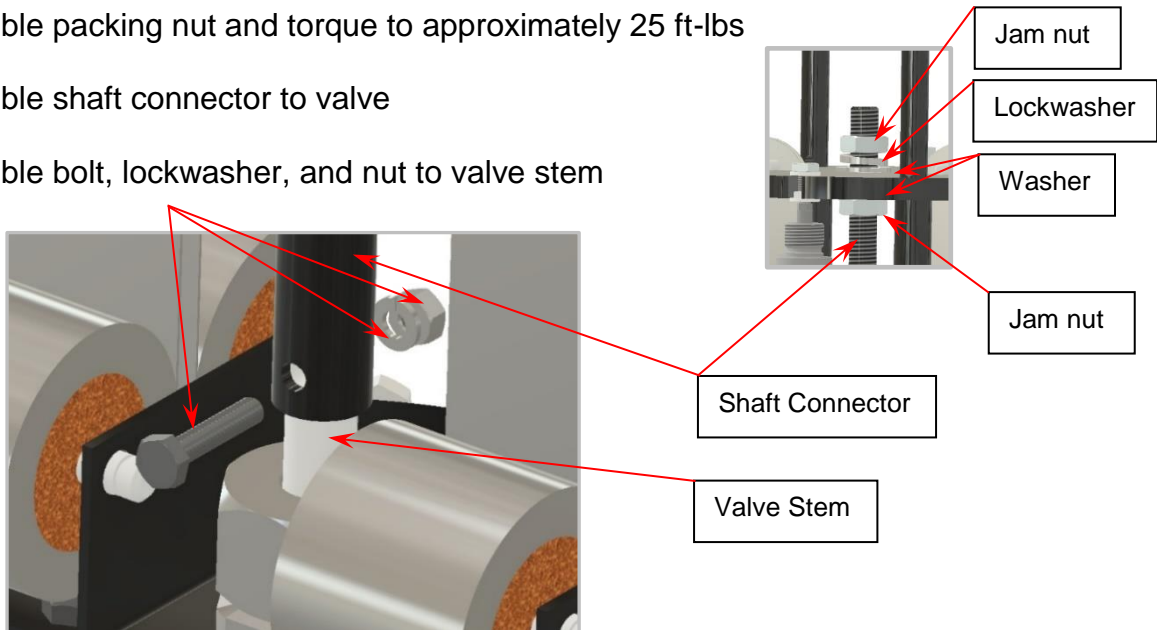
7) Thread on top Jam nut and tighten to the bottom plate using 1-5/8" deep socket



8) Assemble packing nut and torque to approximately 25 ft-lbs

9) Assemble shaft connector to valve

10) Assemble bolt, lockwasher, and nut to valve stem





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(Form: DEF-003A-1)

Revision:

**1**

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## Mounting Hydraulic Sliding Valve Assembly to a Valve

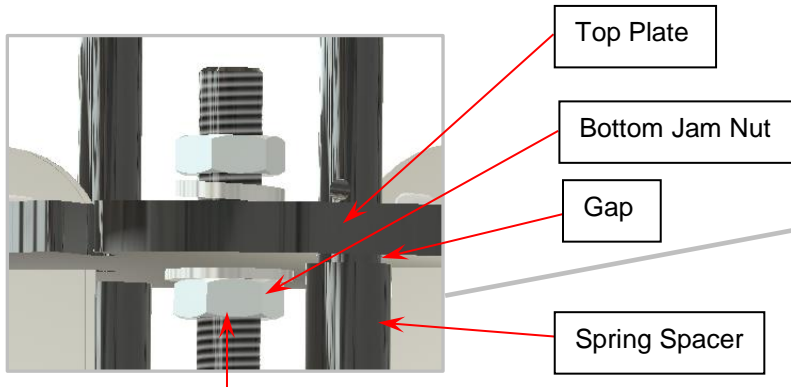
Date:

**Jan. 11, 2019**

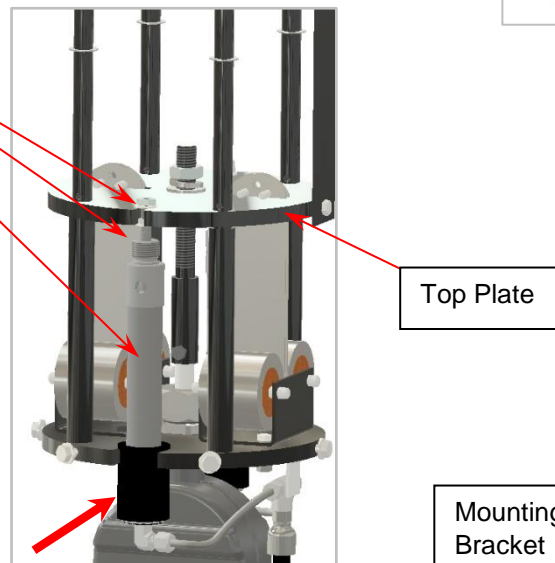
Page:

**4 of 4**

- 11) Tighten bottom Jam nut up. Ensure that there is a gap between the top plate and spring spacers.



- 12) Reinstall actuator and tighten nuts



- 13) Test hydraulic actuator to ensure open and closing function of the valve. Do not exceed 500 psi hydraulic pressure.

- 14) Slide Can over the valve, aligning the indicator bolt to the threaded hole in the top plate. With mounting bracket in place, thread the 6 mounting bolts into the bottom plate.

