



PACKING REPLACEMENT ON EXTRA CAPACITY PRESSURE GENERATORS

- 1.0 General
- 1.1 Extra capacity Pressure Generators are supplied with PolyPak® packing sets as a standard. Use of this packing allows for lower operating torque when rotating the shaft in or out. This packing also provides superior sealing and longer life when used with fluids such as water, mercury, and most oils.
- 1.2 Teflon packing sets are available as an option. This packing is recommended when corrosive conditions require.
- 2.0 Changing packing. Refer to drawing 800988
- 2.1 Loosen the set screw located on top of the mounting bracket. Loosen one or two turns only.
- 2.2 Remove the Extension (item 6) by turning counter clockwise out of the Body (item 3) and pull the shaft outward.
- 2.3 Remove the packing washer (item 8) from the stuffing box of the body.
- 2.4 Remove the packing from the body.
- 2.5 Remove the bottom packing washer (used only with Teflon packing) from the body.
- 2.6 Clean all parts as required and relubricate the threads of the shaft. The copper-based lubricant Jet-Lube is used at the factory, but any good grade of thread lubricant is acceptable.
- 2.7 Reinstall the bottom packing washer (if using Teflon packing).
- 2.8 Install the new replacement packing set. Turning the packing at a slight angle might be helpful when inserting into position.
- 2.9 Reinstall the top packing washer (item 8).
- 2.10 Carefully push the shaft through the packing back into the Body and tighten the Extension clockwise into the Body.

When installing Teflon packing, some torque must be applied to the packing for proper sealing by the gland Extension into the body.

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No torque need be applied to PolyPak packing. Screw the Extension into the body until it bottoms directly against the body. It need not be tightened further. PolyPak is self-sealing without applying torque for compression.

- 2.11 Retighten the set screw atop the mounting bracket after assembly of the packing

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