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7800 Series Assembly Instructions:

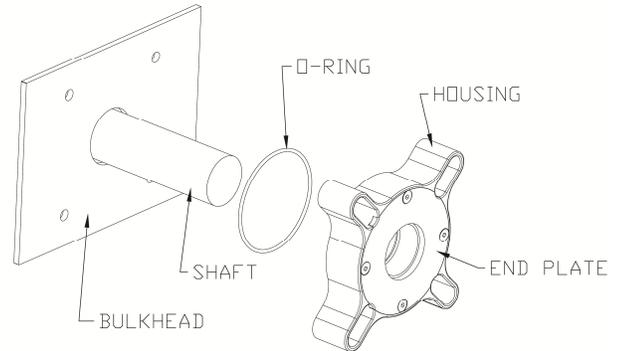
1) **Shaft should be totally clean of any wear, dirt, oils or grease before installing the seal.** Be sure O-ring is seated properly on inboard of seal. Orient seal with O-ring facing the bulkhead and then carefully slip housing over the shaft and seat it flush against the bulkhead of equipment. Use soapy water or P-80 Rubber Lubricant as needed.

(Note: Loosen seal hardware only if required to seat it)

-Housing must be perpendicular to the shaft.

(Misalignment of housing to shaft not to exceed 2°)

2.) **Check for equal spacing around the shaft and ID of the seal.** Adjust as needed and then tighten mounting hardware to recommended torque setting of 18 ft. lbs.



WARNING: Air Purge seal prior to operation.

Air purge with Regulator:

Mount Regulator to seal using appropriate fitting for gauge. Assemble gauge as desired.

Airflow to be set 5 to 8 PSI about vessel pressure. Each seal should have its own dedicated airline. Sharing a single airline between multiple seals is not permitted. Use separate air regulator for each seal. (Very Important!!!)

Note: Pull knob and adjust airflow. Press knob to lock regulator.

Note: Maximum operating temperature of the seal to be less than 400F. Seal housing should be secured to the vessel wall using bolts/nuts and appropriate torques.

