



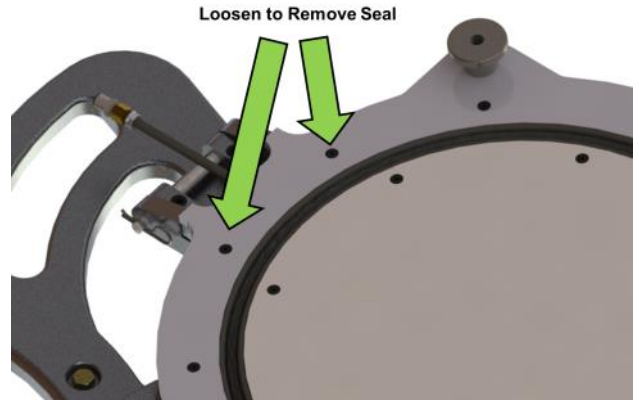
# **60020 Series Seal Replacement**

# Seal Replacement (60020 Series)

## SERVICING THE PIVOTAL EDGE® COVER

Open the cover then close the supply air ball valve. Cycle the switches several times to relieve all accumulated pressure on the system.

- Disconnect the seal air line at the quick-connect by the cover.
- Lift the cover up using equal pressure.
- Remove the 3/8" fitting and hose clamp on the end of the seal inflation tube.
- Loosen the two slider screws on either side of the seal inflation tube.
- Remove the seal.
- Clean all surfaces, check and replace any visibly worn parts paying attention to the seal groove.
- Reassemble the seal and connections. Tighten the two slider screws. Connect air line and check for clearance.



The hinge pin assembly should be checked for smooth operation.  
Remove the cylinder rod eye bolt (2 3/4" wrenches)

### Note:

Seal Installation: The ring that the seal seats into needs to be clean. Start by feeding the inflation tube through the hole. A small amount of soapy water on the tube and seal will help this process. Press the seal into the groove at four equal points around the seal. Work the seal into the groove using your fingers and thrust washer.

## TROUBLESHOOTING

1. The operation of the cover should be smooth and easy.
  - a. If not clean buildup on and around the flange and cover. Pay attention to under the ears also.
2. Leaks when starting to pressurize the tank.
  - a. Deflate the seal by pulling the control valve knob to deflate the seal, thereby purging the tank pressure, wait a few seconds and push the knob back in to inflate the seal – no more than 4psi.
  - b. Reduce unloading pressure. Check seal integrity when possible.
3. 

<b>Tanker Operating Pressure</b>	<b>Required Seal Operating Pressure</b>
2.0 Bar (29.0 PSI)	3.3 Bar or (48 PSI)
2.5 Bar (36.3 PSI)	3.7 Bar (54 PSI)