

## Technical Service Bulletin

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### Brine Seal Replacement

Hydranautics provides brine seals with all of their standard eight-inch elements. The elements are shipped with a single brine seal installed on the seal carrier/anti-telescoping device (ATD) located on the feed end of the element. Prior to installation of new elements, the brine seals should be inspected to verify that they are properly seated. The brine seal should be fully seated in the ATD groove with the u-cup facing the feed end of the element.

The brine seals should be replaced if:

- Nicks, dents or cracks can be seen or felt on the brine seal
- Elements do not fit properly into the pressure vessels during loading
- Debris cannot be removed from the brine seal, thus preventing proper sealing

To replace brine seal:

- Remove the brine seal using an o-ring extraction tool (or similar tool) taking care not to damage the sealing surface on the ATD
- Install the new brine seal with the u-cup facing the feed end of the element (see picture)

