



See the seal layout and the Type-6 bulletin for critical dimensional and tolerance data before starting assembly.

The seal working height will be established by properly locating the seal head on the shaft, unless the seal is equipped with an optional retaining collar.

If you are using an installation tool **DO NOT** have the tool contact the sealing face.

## Installation Instructions

1. Ensure that the sealing faces are clean. Use of lint-free gloves are recommended for handling the seal.
2. Inspect the pump housing and shaft for any sharp edges or tool marks. These must be removed to prevent damaging the seal. A lead in chamfer of 0.040 x 20° is recommended to help start the seal.
3. Inspect the seal head for any defects, ensure that the sealing face is free of any marks..
4. Lightly lubricate the shaft where the seal head must pass over during installation with a suitable rubber lubricant. We recommend using P-80 as the rubber lubricant.
5. Lubricate the drive ring of the seal head and using the installation tool (optional), install the seal head to the proper location on the shaft. The drive ring will adhere to the shaft almost immediately. Attempting to move the seal head after it is set in position may cause damage and possible leakage.
6. Inspect the mating ring bore for any sharp edges or tool marks. These must be removed to prevent damage to the mating ring assembly. A lead in chamfer of 0.040 x 20° in the bore is recommended to help start the mating ring assembly.
7. Inspect the mating ring assembly for any defects.
8. Apply a light coating of a suitable lubricant to the rubber cup and bore prior to installing the mating ring assembly. We recommend using P-80 as the rubber lubricant.
9. Press the mating ring into the bore evenly, keeping the seal face clean.
10. Complete the pump assembly.



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