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## Seal Rebuild Instructions For Model SSHM Vertical Pumps

Use the following instructions to assemble seals, diffusers, impellers, and other components into SSHM pump:

1. Apply rubber lubricant to seal bore on pump and on rubber seal components. Install seal with white porcelain surface up. Remove contaminants and clean seal face.



2. Install rubber slinger on to the motor shaft.



3. Install bracket assembly onto motor with four bolts and tighten bolts to 17-19 ft/lbs.



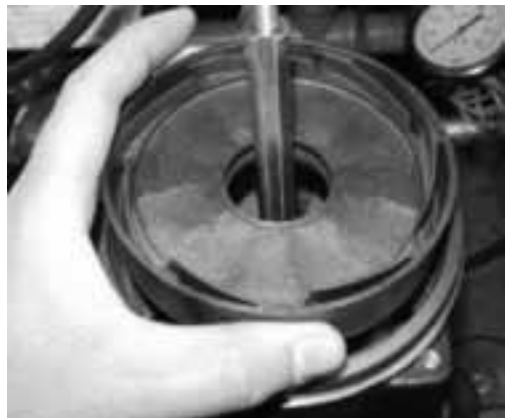
4. Apply rubber lubricant to the seal ID. Install seal assembly onto motor shaft.



5. Install seal washer.



6. Install diffuser.



7. Install impeller with metal eye ring up.



Repeat steps 6 and 7 three more times (four sets total).

8. Install washer and star washer. Apply anti-seize compound to motor shaft threads. Install lock nut and torque to 10 ft/lbs. If necessary, remove motor end cover to hold motor shaft while tightening lock nut.



9. Install o-ring on lip of bracket.



10. Install outer sleeve onto o-ring, positioned so that seam is down.



11. Install o-ring onto pump body suction assembly.



12. Install pump body suction assembly with plug down.



13. Install a lock washer on each bolt. Insert bolts into bracket. Install lock nuts and tighten evenly to 17-19 ft/lbs.

