

6-8083 Motor Bearing, Seal and Washer Replacement



Bearing part # 6003ZZ



Seal Part #
17286

- 1 Remove 5 bolts on the pump end plate
- 2 Remove 1 bolt on the impeller
- 3 Remove 4 bolts that hold the motor onto the air space adapter
- 4 Withdraw motor from pump assembly
- 5 Remove extension shaft from motor using slap hammer or fork prying tool
- 6 Remove motor canopy by removing 2 screws on the side of the canopy
- 7 Remove retaining ring above fan blade
- 8 Remove fan by prying off with 2 flat blade screw drivers
- 9 Remove 2 Phillips screws under the fan
- 10 Remove 3 long hex screws on sides of motor with 5.5mm socket
- 11 Tap all around motor flange with rubber mallet to remove drive end plate.
When the plate is removed the arbor assembly may come out with it, in which case tap the end of the shaft on a hard wood surface by holding motor flange with both hands and banging down on the end of the shaft. The arbor assembly will pop out.
- 12 Tap around dead end or fan end plate at 3 lug areas where long screws were removed with flat blade screwdriver and hammer. Make sure you don't tap too hard and break the lug off.
- 13 Remove old seals from end plates with dental type tool or small flat blade screwdriver.
- 14 Tap off drive end bearing with for type pry bar.
- 15 Remove retaining clip and tap off bearing on dead end or fan end
- 16 Clean up all parts before reassembly
- 17 Install new seals by tapping in with socket or an arbor press
- 18 Place spring washer in bearing in bearing housing before reassembly of bearing
- 19 Install new bearings by tapping in with socket or an arbor press
- 20 Continue assembly of motor. Check for good rotation and then complete the pump assembly.

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