

Replace Flange Bearing

SHUT OFF AND UNPLUG THE MACHINE BEFORE YOU START

The flange bearing are located on the bottom right and left side of the machine.

You must remove the lower right and left side panels to expose the bearings.

The panels are held in place with $\frac{1}{4}$ inch or $\frac{5}{16}$ inch self tapping nut driver screws and the job goes much quicker if you have a cordless drill or nut driver.

The flange bearings are held in

Place by $\frac{1}{2}$ inch bolts and $\frac{1}{8}$ inch Allen set screws, you may need a small gear puller to get the bearing off, some come off very easily and some can be a challenge. Most stores have a Aluminum tray that they use inside the machine to shake gallon paint cans, this tray can be flipped over and used to put under the feet of the machine to lift it off the ground and make it easier to get your hands and tools in place to remove bolts.

1st. Loosen the 2 Allen head set screws on the front of the bearing, each bearing has 2 and make sure you unscrew them enough so they do not hold bearing onto the shaft.

2nd. Remove the 4- $\frac{1}{2}$ inch nuts on each corner of the bearing, on older machine the bolts have $\frac{1}{2}$ inch heads on the back side, newer machines use carriage bolts and you have to wedge a screw driver behind the head to keep it in place on the frame to remove and replace nuts.

3rd. Use a screw driver or other tool to pry old bearing off (you may need a small gear puller for this if the shaft is scarred or there is too much paint on the shaft, In extreme cases when a gear puller won't work we have had to grind the bearing off with a small hand grinder with a coarse grit flap disk, if grinding the bearing off, grind the front edge of bearing where the set screws are once you see the shaft that the bearing fits on you can usually pull the bearing off.

Usually a puller will work just fine.

4. Install new bearing the same way old bearing came off with the zurk fitting facing down so it can be greased in the future.

Replace all panels and test machine for proper operation

