

# 3-way Turbine Bearing Repair Kit

(for 4" through 14" turbine)

1. Remove three nuts and bolts securing the braces to the top bearing assembly casting and remove the casting.
2. Loosen the nut and bolt securing one of the braces to the airshaft and swing the brace out of the way. Lift the rotor assembly out of the bottom bearing and clear of the braces.
3. Wipe any old grease from the top and bottom of the shaft that goes through the rotor head. Replace the aluminum dust cup at the top of the rotor if damaged.
4. Remove the bottom bearing assembly casting from the center of the air shaft. It should lift straight out. Replace with the new assembly.
5. Center bottom of rotor shaft in the new bottom bearing. Place new top bearing assembly on rotor shaft and assemble unit with new nuts and bolts supplied. An additional nut and bolt is provided for the lower set that might break when loosened in step two. Nut and bolt are self-locking and will require effort to tighten.

3WAY

## **3-way Repair Kit contains:**

- one - 3-way top casting
- one - aluminum dust cup
- one - lower casting with thrust bearing
- four – 1/4-20 x 3/4 hex head cap screws
- four – 1/4-20 lock nut