



816-741-0282



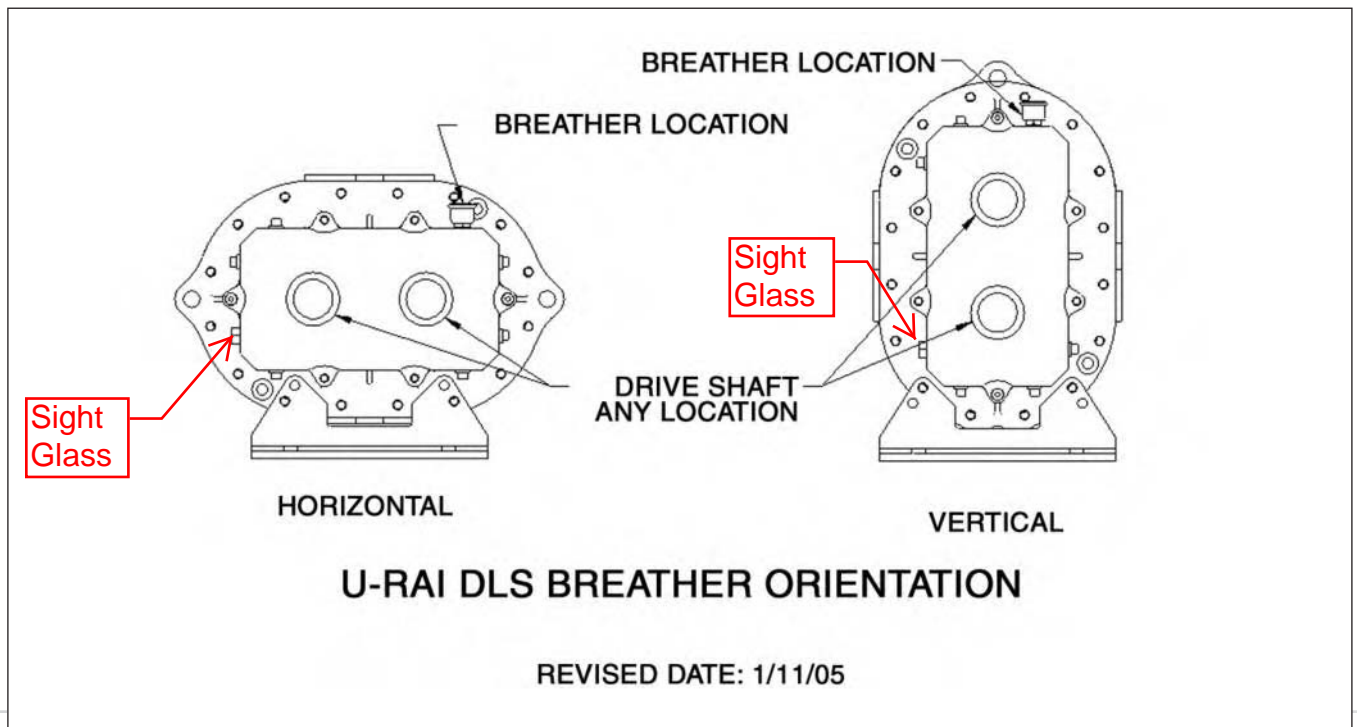
## Changing Blower Configuration – ALL URAI Series Blowers

### Notes:

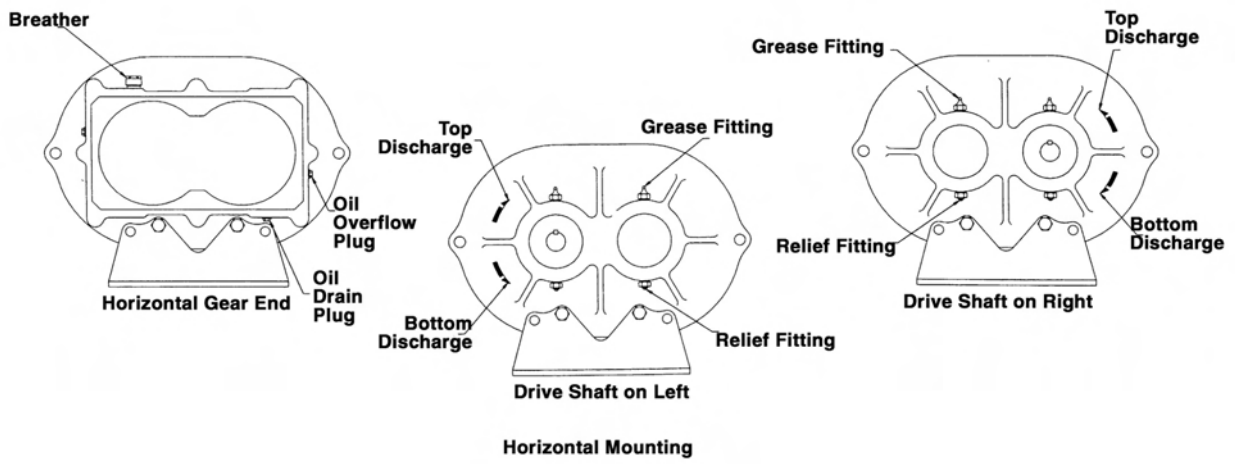
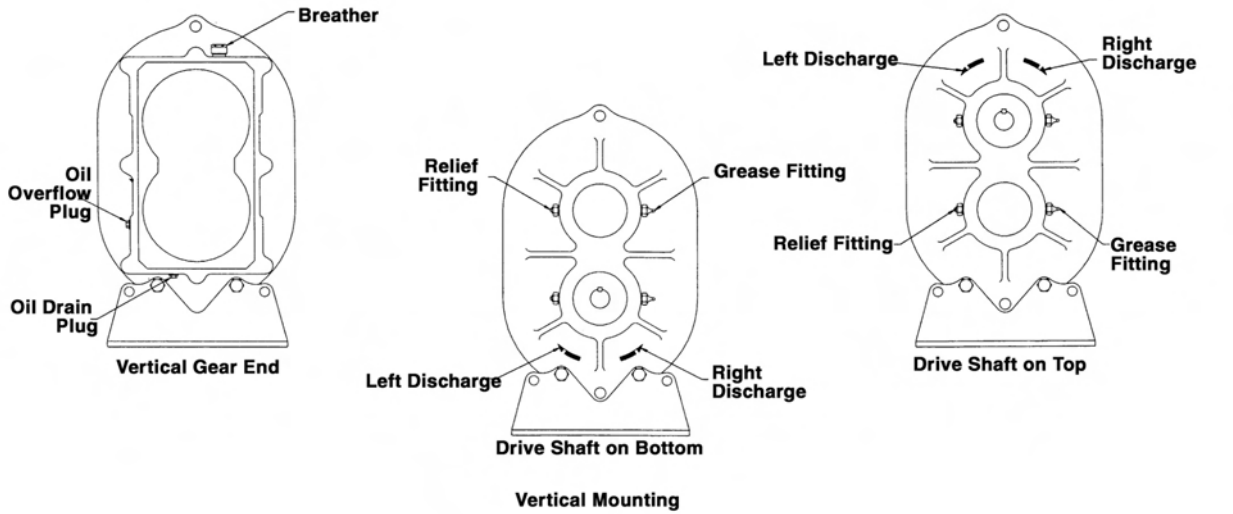
- To change the blower shaft configuration from horizontal to a vertical (top or bottom shaft) you will need to move the lifting tabs, feet, oil plug, and breather.
  - To change the shaft configuration from a left shaft to right shaft you will need to move the lifting tabs, feet, oil plug, and grease fittings.
  - DSL blowers do NOT have grease fittings.
  - URAI-J WHISPAIR models are designed to operate with only one shaft rotation direction to take full advantage of the WHISPAIR feature. Therefore, a WHISPAIR blower may be operated in the following combinations:
    - CCW Rotation: Bottom Shaft/Right side discharge or a Left Shaft/Bottom discharge
    - CCW Rotation: Top Shaft/Left side discharge or a Right Shaft/Top discharge
- or**
- CW Rotation: Bottom Shaft/Left side discharge or a Right Shaft/Bottom discharge
  - CW Rotation: Top Shaft/Right side discharge or a Left Shaft/Top discharge

The following diagrams show the correct location of those items and can be used as a reference.

### DRIVE END BREATHER ORIENTATION FOR U-RAI SERIES - DSL WITH OIL LUBE



**Blower Orientation and Lubrication Points: Grease Lubricated Drive End  
Universal RAI series & URAI-G gas blowers**



The following steps show how to change a 45 URAI from a left shaft to a right shaft.

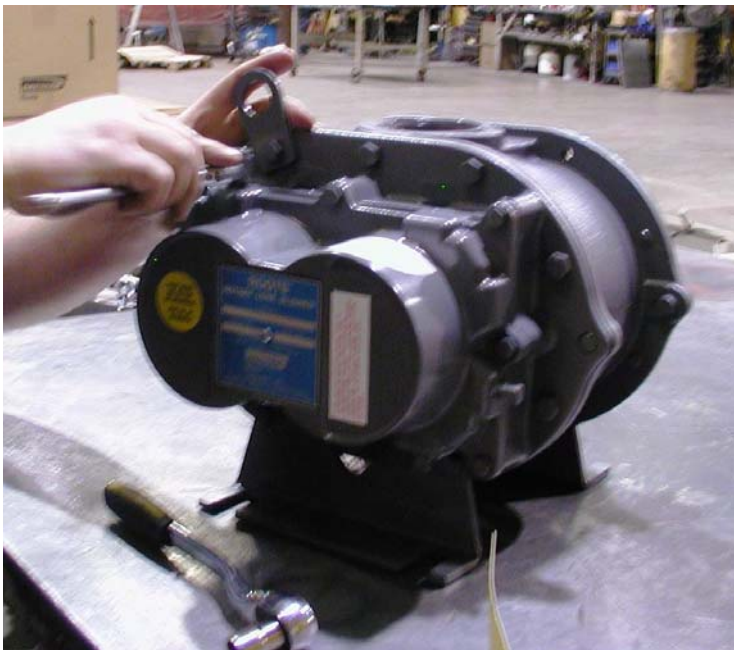
Step 1. Note the location of the blower's lubrication points.



Step 2. Begin on the shaft side. Remove the lifting tab and bolt (where the feet will be moved to). Separate your bolts as you remove them so you know which bolts came from what location.



Step 3. Remove the lifting tab, bolt, and breather from the non-shaft side.



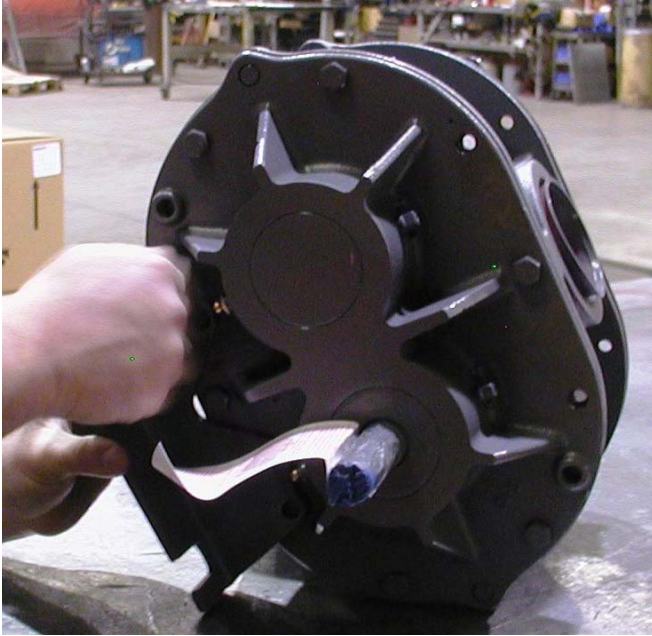
Step 4. Rotate the blower on its side.



Step 5. Remove the bolts holding the feet from both sides. Separate your bolts as you remove them so you know which bolts came from what location.



Step 6. Install the feet for the new configuration. Hand tighten the bolts at this time. Notice the shaft is now on the right.



Step 7. Relocate the grease zerks and the grease relief plugs. The zerks should be on top and the grease relief on the bottom.

Step 8. Install the bolts and lifting tabs. Make sure you use the correct bolts for each location.



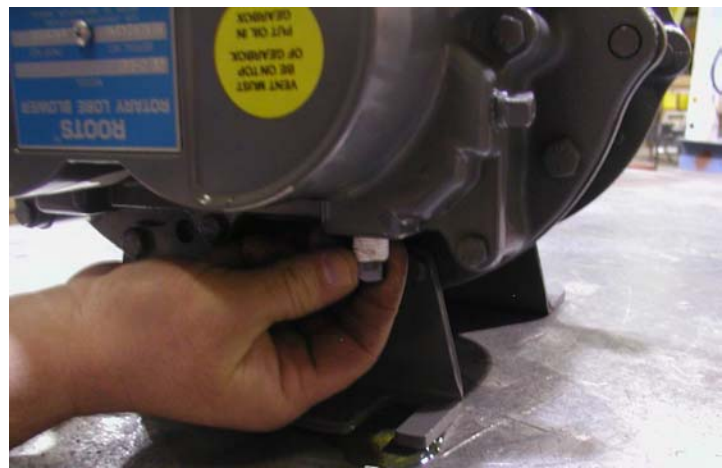
Step 9. With the blower on a flat, level surface, tighten the mounting feet bolts.



Step 10. Remove the oil drain plug from the top.



Step 11. Wrap the oil drain plug with teflon pipe thread tape. Install the oil drain plug in the bottom.



Step 12. Install the breather.





Step 13. Remove the screw holding the nameplate and flip it over so it is readable.



You are done! Make sure you fill your blower with oil.