

# VibrAlign Laser Alignment Tips

## OL2R Instructions (no OL2R program in DU)

The procedure:

1. Touch the Shaft alignment program icon
2. Line up the fixtures with the eye to be as co-linear as reasonable.
3. Cone the Moveable TD onto the Stationary fixture target – the Stationary TD is removed.
4. Swap over and cone the Stationary TD onto the Moveable fixture target.
5. Re-check Step 2 if the Stationary fixture had to be moved.
6. Fit up both TD's at 12:00 and adjust the vertical thumbwheels to get the lasers centered on the TD targets. Rotate and check.
7. Enter the dimensions. Pay special attention that the D dimension lines up with the center of the coupling on the machine Do the initial 'alignment'.
8. Take the initial set of readings
9. Save the data into the Filing Cabinet
10. Remove the TDs
11. Run the machine (or shut it down) until it achieves steady state conditions
12. Place the TDs back on the fixtures and take a set of readings.
13. The coupling values that are displayed represent the actual growth.
14. Save the data into the Filing Cabinet
15. Use the opposite of the growth as the thermal targets in the Thermal Offset function of the Shaft system when performing the normal shaft alignment.

