

Tech Notes



Vertical Rough Alignment



VibrAlign

www.vibralign.com

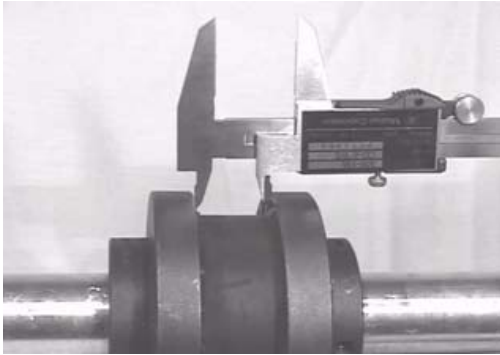
800-379-2250

Tech Notes: Vertical Rough Alignment

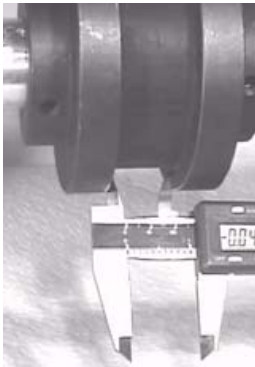
The following procedure can be used as part of the pre-alignment checks. It makes the vertical rough alignment easier. A straightedge can then be used for the horizontal rough alignment.

Procedure:

1. Measure the gap at the top of the coupling with a caliper.



2. Measure the gap at the bottom of the coupling with a caliper.



3. Calculate the foot correction by plugging in the values into the formula:

| Angular correction: | |
|--|---|
| $\frac{\text{gap difference}}{\text{coupling diameter}}$ | $\times \text{distance between bolt centers}$ |

4. If the gap is wider at the top you will add shims to the back feet or remove shims from the front of the machine.
5. If the gap is wider at the bottom you will add shims to the front or remove shims from the back.