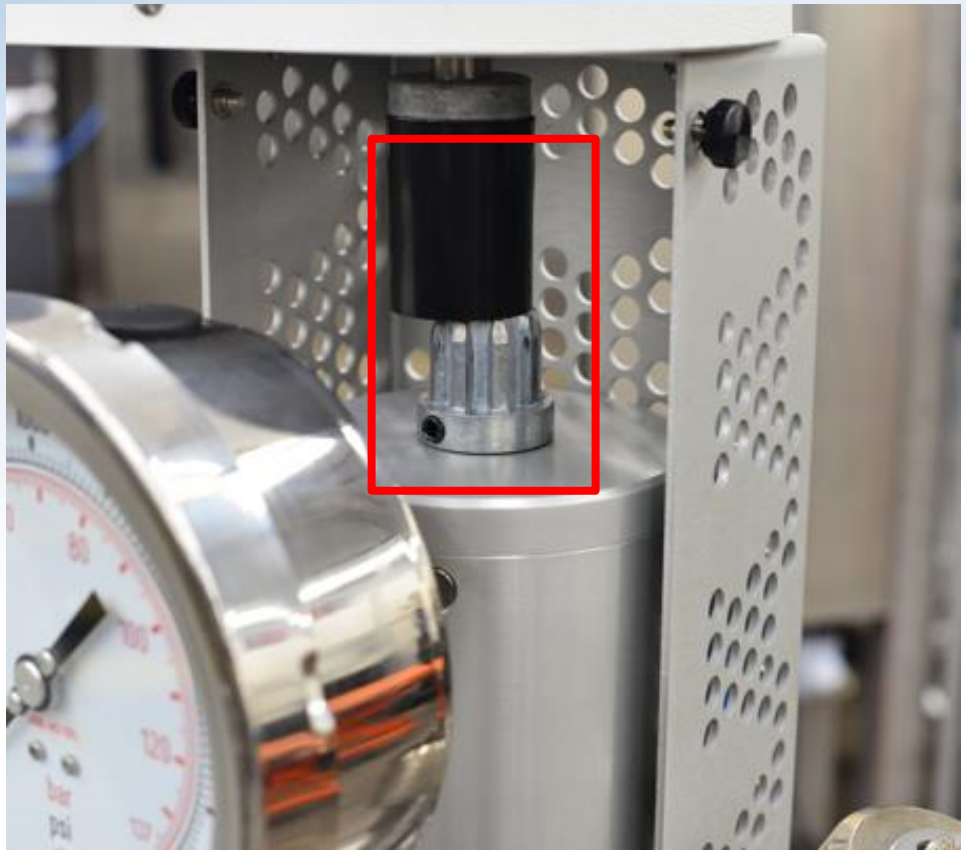
Parr Instrument Company

Motor Alignment

Floor Stand Cart Reactors

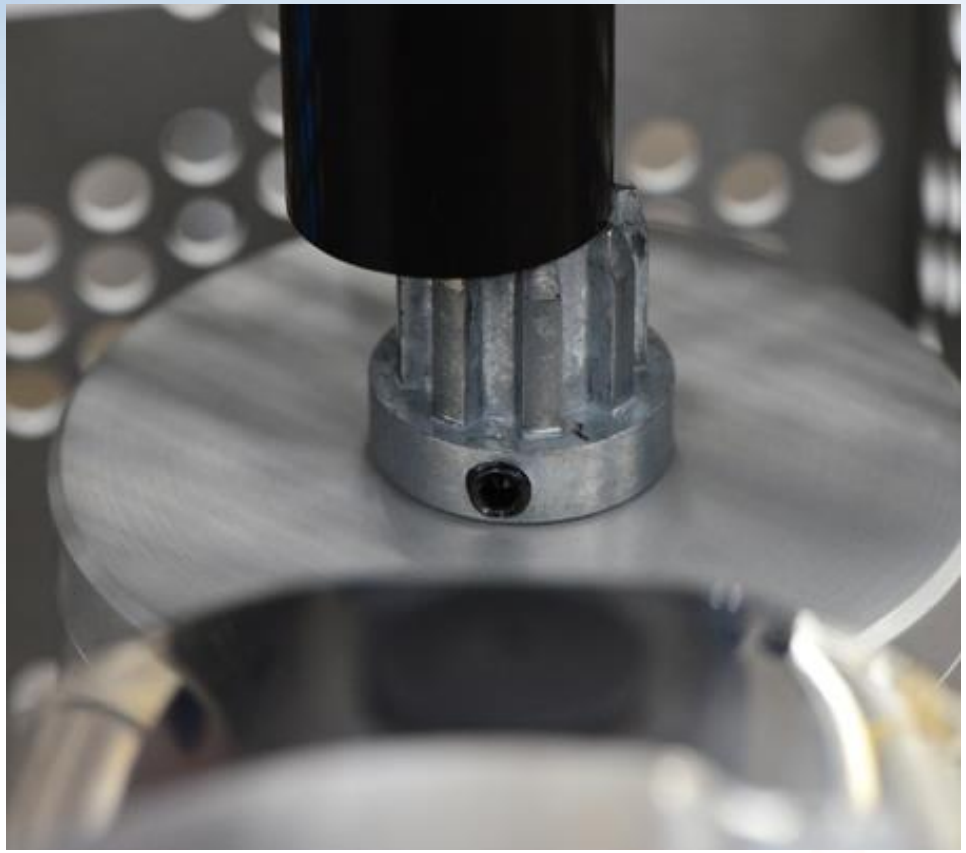
Introduction

- During shipping, moving or normal use, the motor housing on your reactor can become misaligned.
- This presentation will show how to adjust the motor to align the drive shaft and rubber coupling to the magnetic drive.



Motor Alignment Procedure

- This photo clearly shows the rubber coupling is not in line with the magnetic drive.



Motor Alignment Procedure

- On the back side of the reactor you can gain access to the ¾” hex bolt that secures the motor to the top shelf of the Floor Stand Cart Reactor. Depending on the motor size and type, there may be an aluminum shield restricting access to this bolt. This shield is easily removed by pulling on the tabs located at the top and bottom of the aluminum shield. Place a ¾” wrench on the top hex of the bolt.

Motor Alignment Procedure

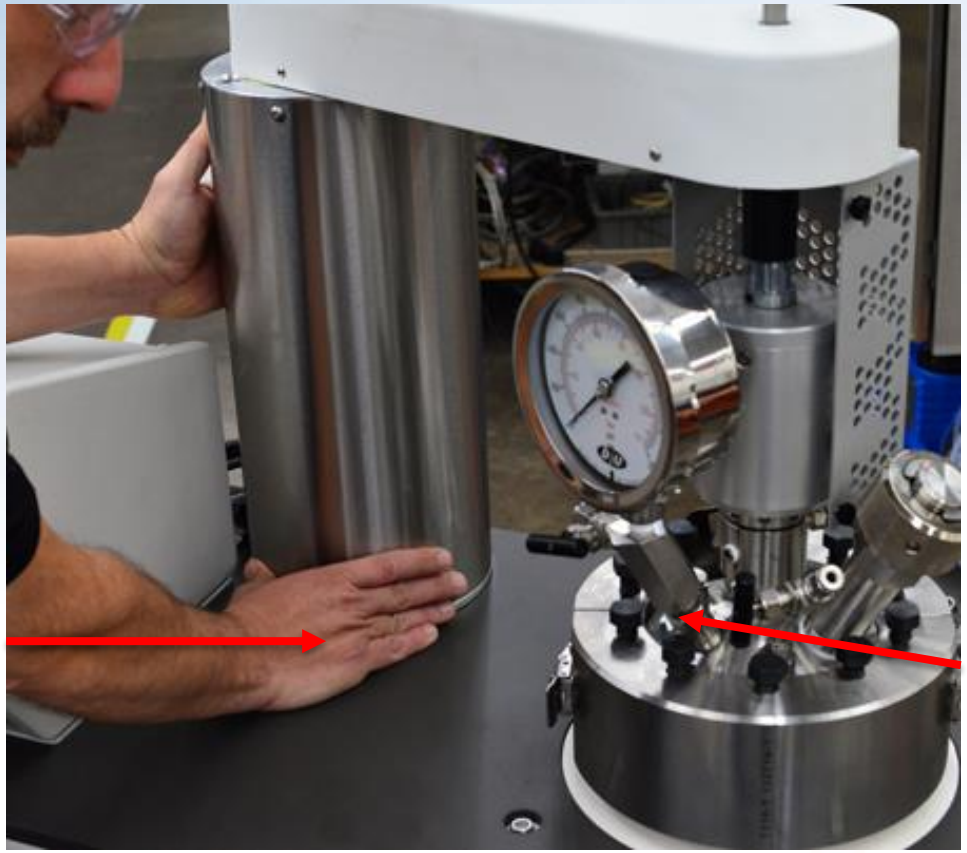
- Just below the top shelf is a ¾” hex nut that will need to be loosened in order to allow the motor assembly to be adjusted.

Motor Alignment Procedure

- Place a second ¾” wrench on the nut and turn the nut in a clockwise motion.

Motor Alignment Procedure

- With the nut now loosened you are able to move the entire motor assembly with overarm to align the drive shaft and rubber coupling with the top of the magnetic drive.



Motor Alignment Procedure

- Once the drive shaft and rubber coupling are aligned with the magnetic drive, push down on the release knob to engage rubber coupling to the magnetic drive. You can now re-tighten the nut located under the top shelf and replace the aluminum shield (if applicable).

Motor Alignment Procedure

- The motor should now be aligned.

Where to Get More Information

Parr Customer Service

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Let us build one for you.