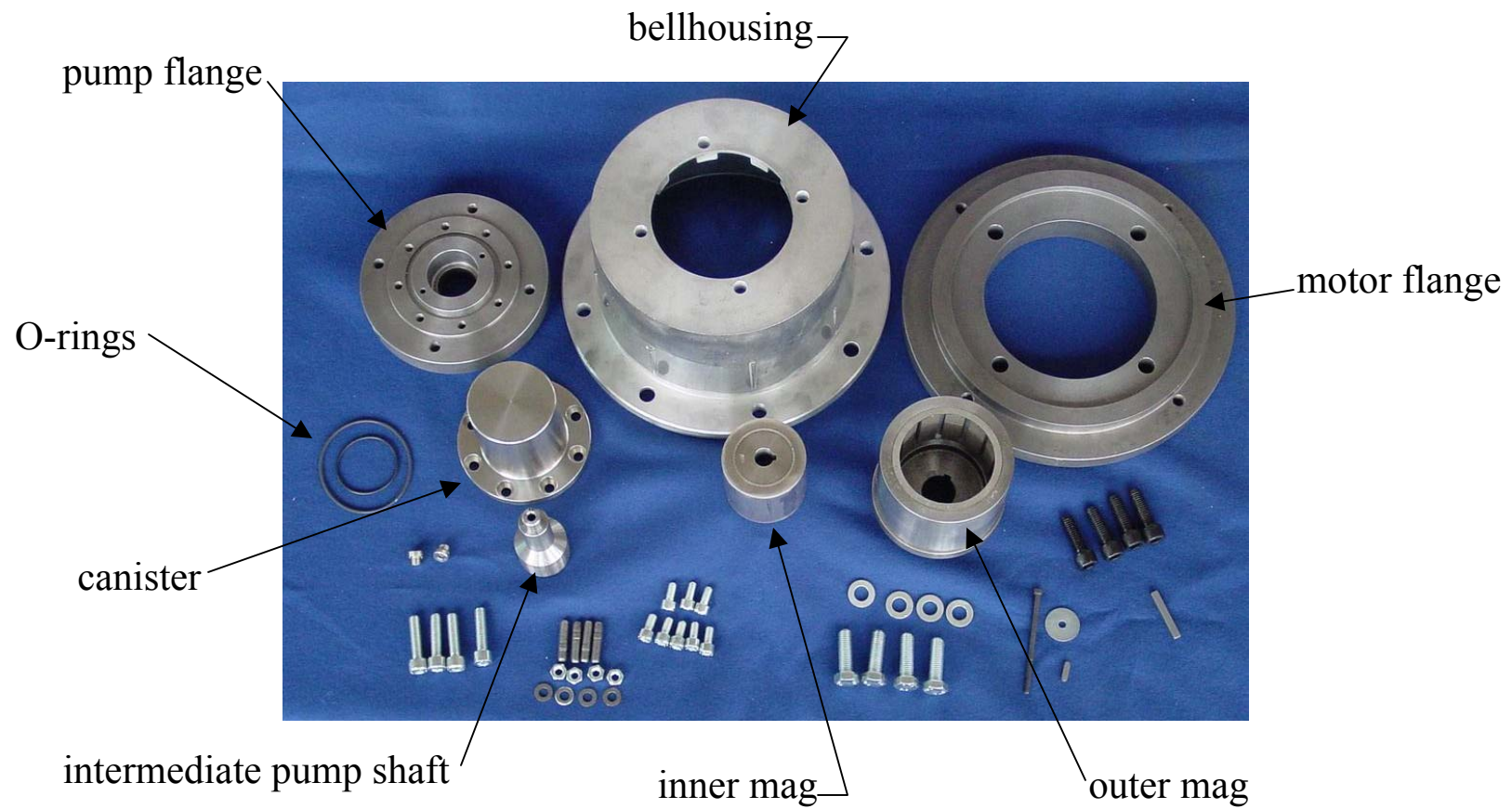


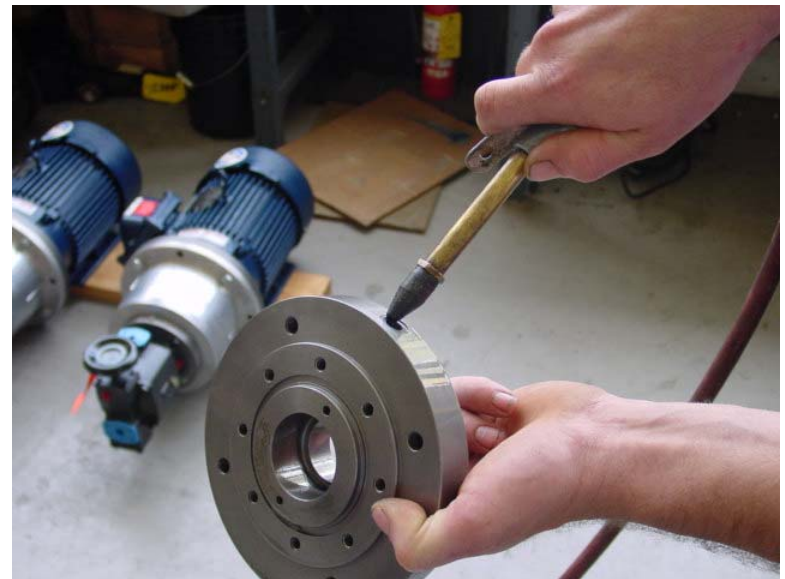
Magnetic Coupling general assembly instructions

Rotary Power high pressure pump

Coupling Components



1. Clean out pump flange to make sure all metal shavings are removed.
2. Make sure all other parts are free from debris.

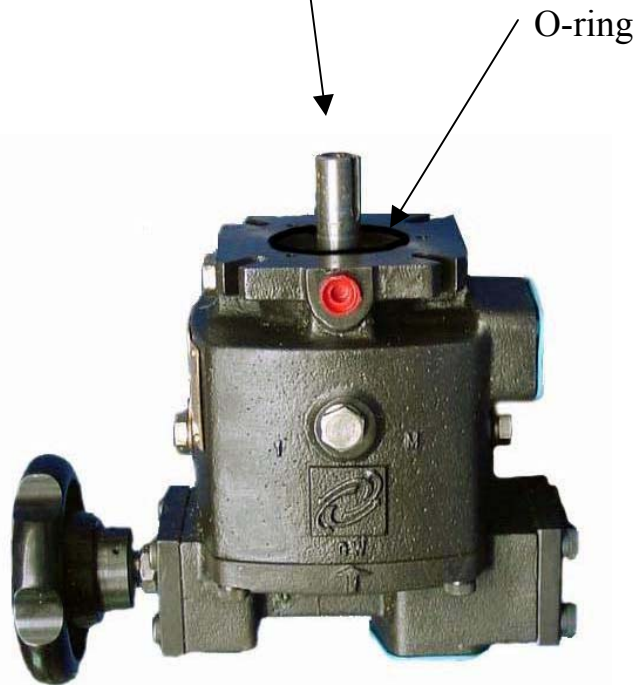


1. Insert threaded studs into the pump flange.





1. Place the key in pump shaft.
2. Place the o-ring in the pump housing so the pump flange will seal against.
3. Place the pump flange onto the pump.
4. Tighten flange down using washers and nuts from the backside of the pump.





1. Place the intermediate shaft onto the pump shaft, making sure the key is in place.



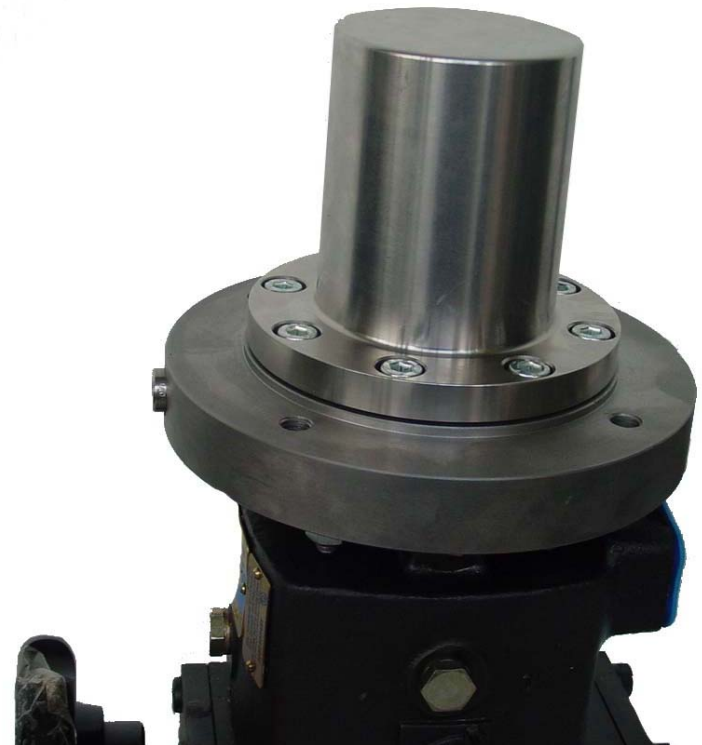
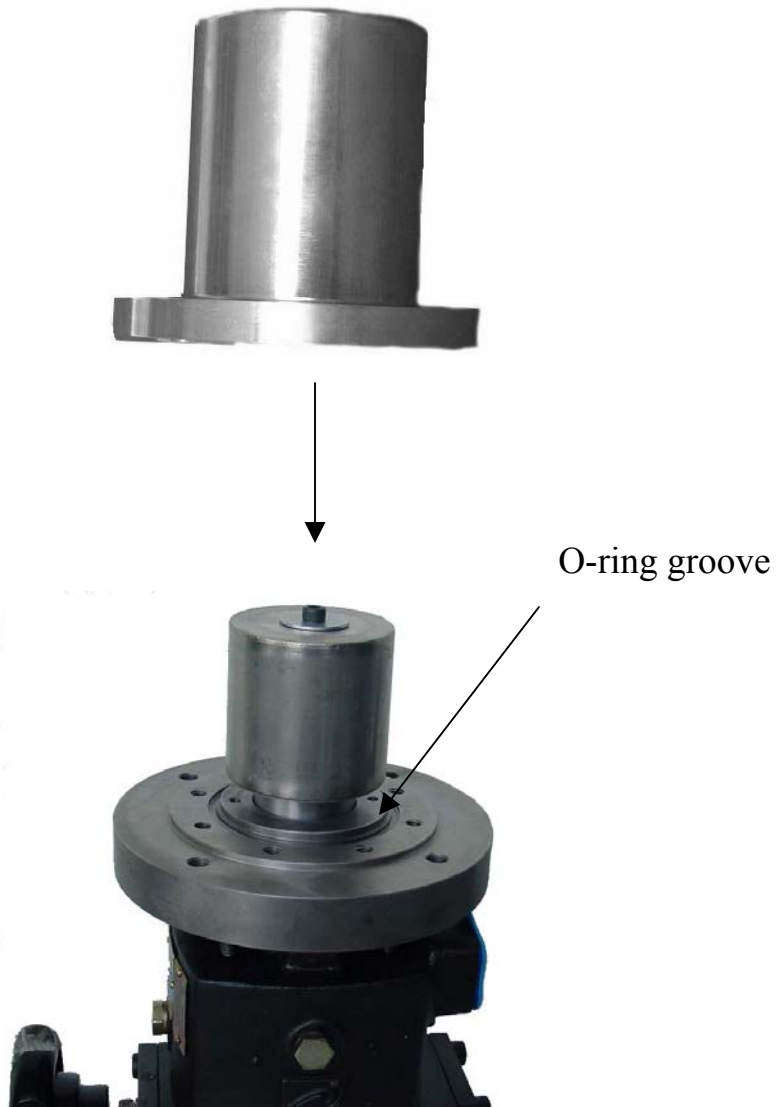


1. Slide the the inner magnet over the i-mdt shaft, make sure key is in place.

2. Tighten down the magnet to the shaft using the screw and washer.



1. Place o-ring in the groove.
2. Slide canister over the inner magnet.
3. Tighten down with socket head screws.

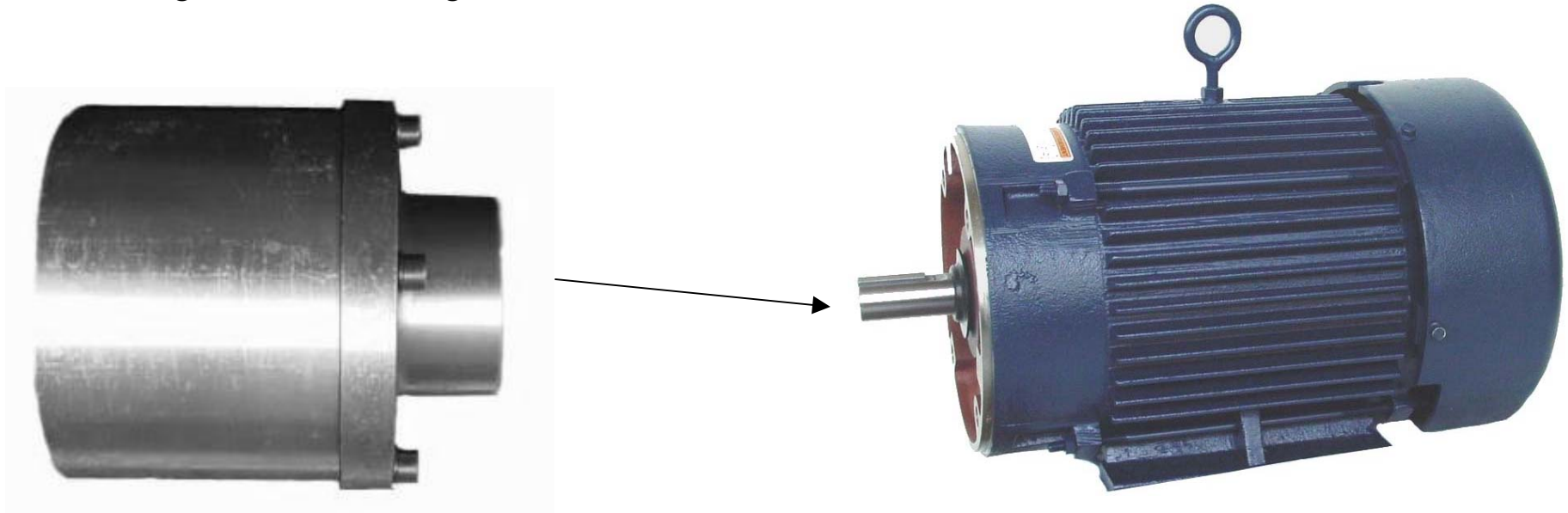




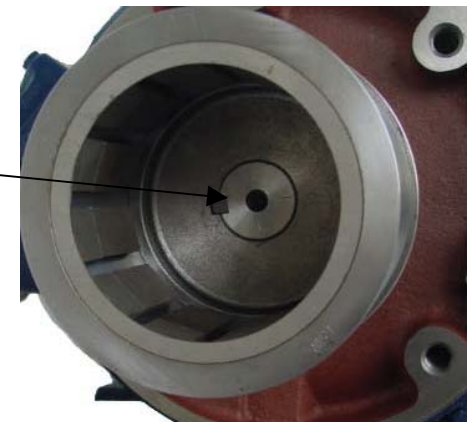
1. Place the bellhousing onto the flange.
2. Tighten into place using the appropriate bolts.



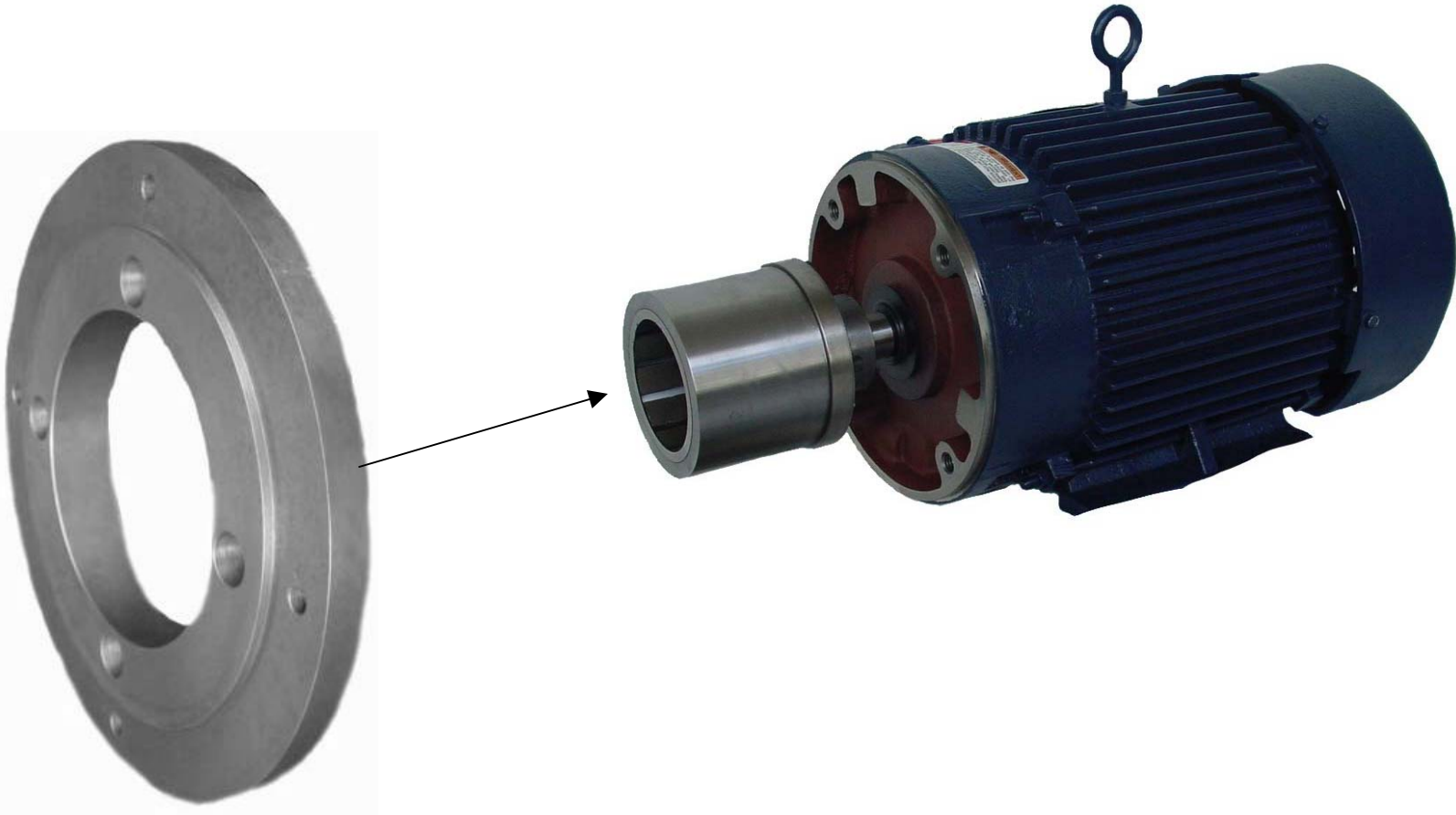
1. Slide the outer magnet onto the pump shaft, making sure the key is in place. The end of the pump shaft should then be flush with the magnet hub.
2. Tighten the hub using the set screw in the hub.

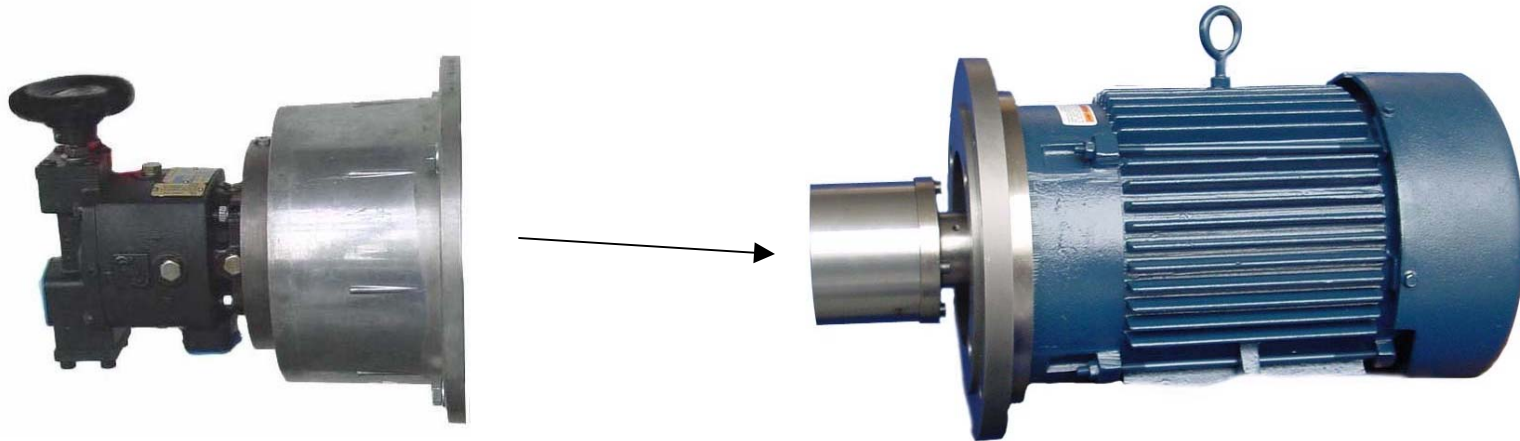


Outer shaft flush with motor hub.



1. Place motor flange onto the motor. Only socket head screws can be used to tighten in place.





1. Align the 2 assemblies and carefully bring them together. Make sure fingers are not between the bellhousing and motor flange.
2. The magnetic force will naturally pull the 2 together.
3. Tighten bellhousing to mag flange.

Assembly complete!

