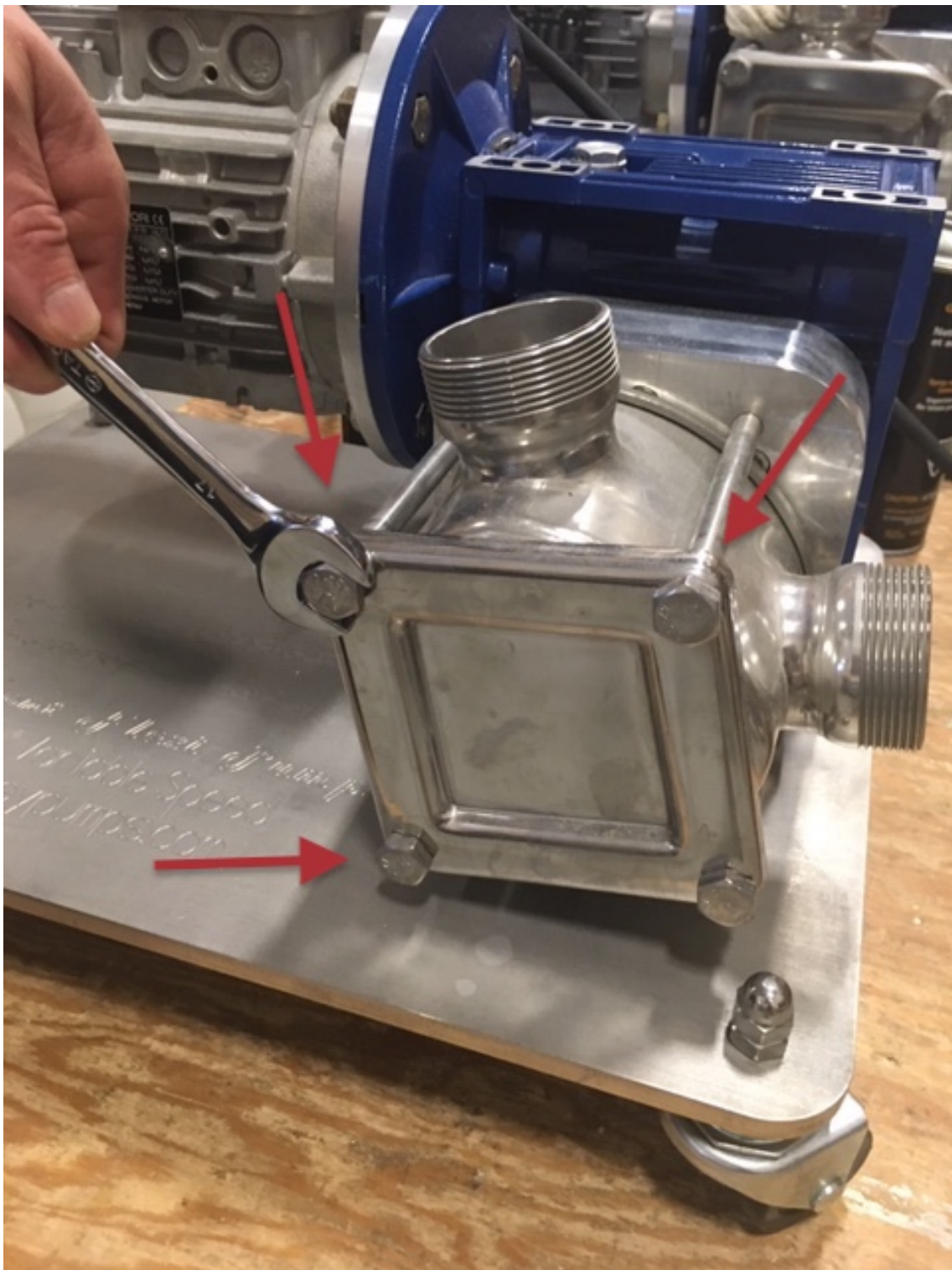




# Seal Assembly





**Remove only 3 bolts using a 17 wrench and loosen the 4<sup>th</sup>.**

**The metal plate is not square so keeping the last bolt in will make sure it's in the right**



**Move the plate aside and now the pump can be removed.**





**The pump has 4 parts; the housing, the lid, the impeller, and the seal.**



**The seal has 2 components; one is in the lid and the other on the impeller.**





**This part can be removed by hand. Take care while replacing the old one, push evenly and straight out. Use only your hands, do not use a hammer.**



**This part of the seal, if difficult, can be removed using a hive tool or a flat head screwdriver. Remove the old one and replace it with the new one.**





**Once everything is in place, you can reassemble the pump.**





**Tighten the bolts evenly in the same rotation as you would change the tire of a car.**

**Do not overtighten! It can break the seal and prevent the impeller from turning.**



**The housing must be well inserted in the lid.**





**If it's difficult, you can use a soft hammer to push the housing in the lid while tightening the bolts.**

**Pour water into the outlet on the impeller for testing. Start the pump and look for any leaks before mounting pipes.**



**If a leak occurs, the housing is not well inserted in the lid, or the bolts are not tight enough.**

**If the impeller doesn't turn the bolts are too tight, stop the pump and loosen the bolts.**