

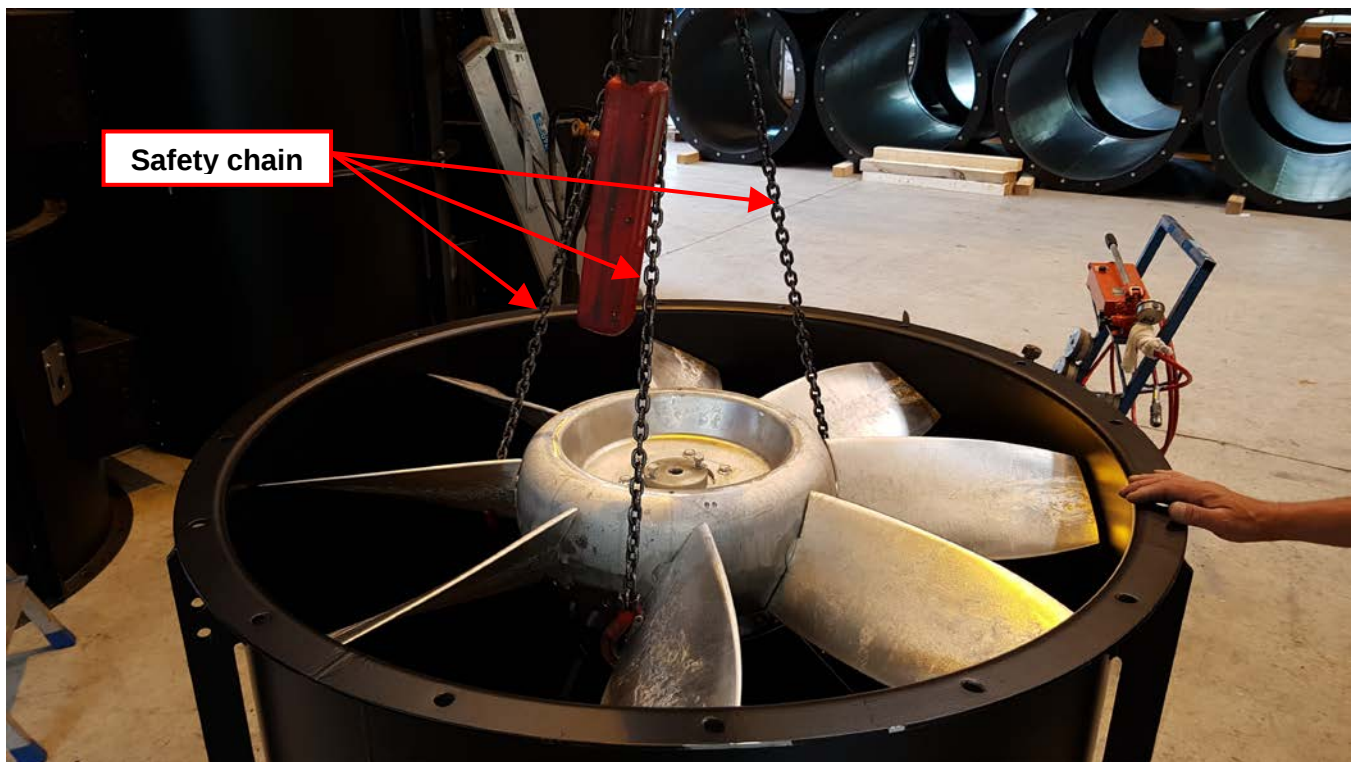
Impeller Removal Instruction

The work steps shown below may only be carried out by trained personnel with suitable tools.

The impeller must be secured against unwanted movements (slipping, swinging etc.) during the entire work to avoid injury of the personnel and damages at the material.

The work steps shown are identical for vertical and horizontal installations, but the security measures must always be adapted to the local conditions.

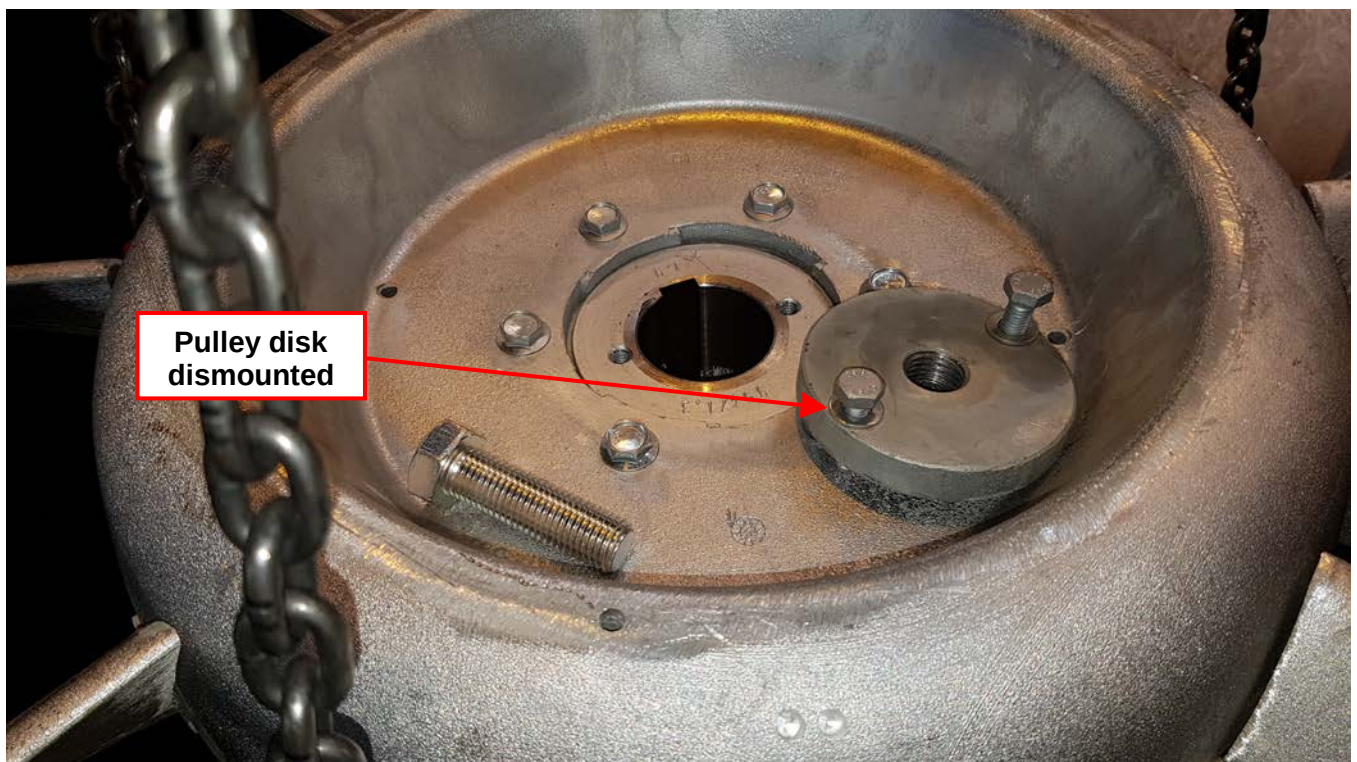
Step 1: Secure impeller



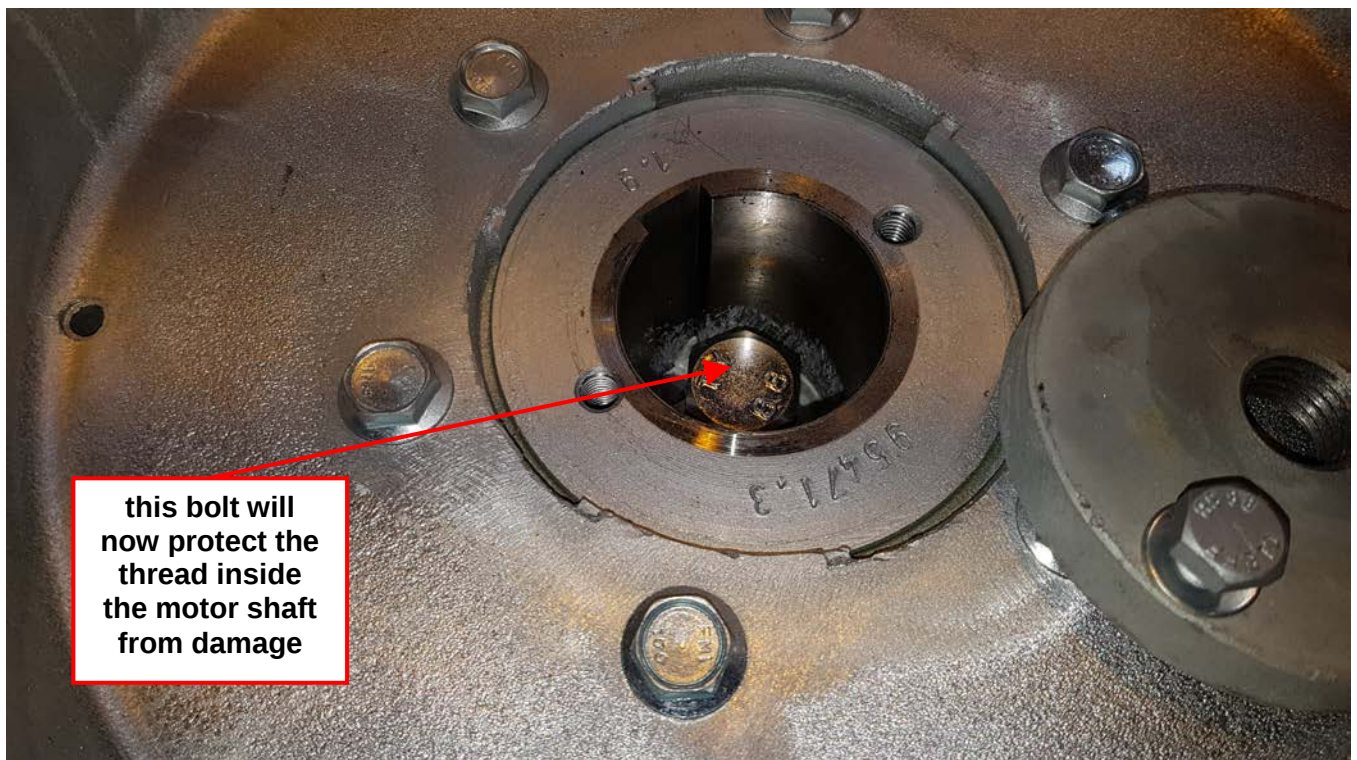
Step 2: Dismount the central bolt fixing impeller to motor shaft



Step 3: Dismount the pulley disk



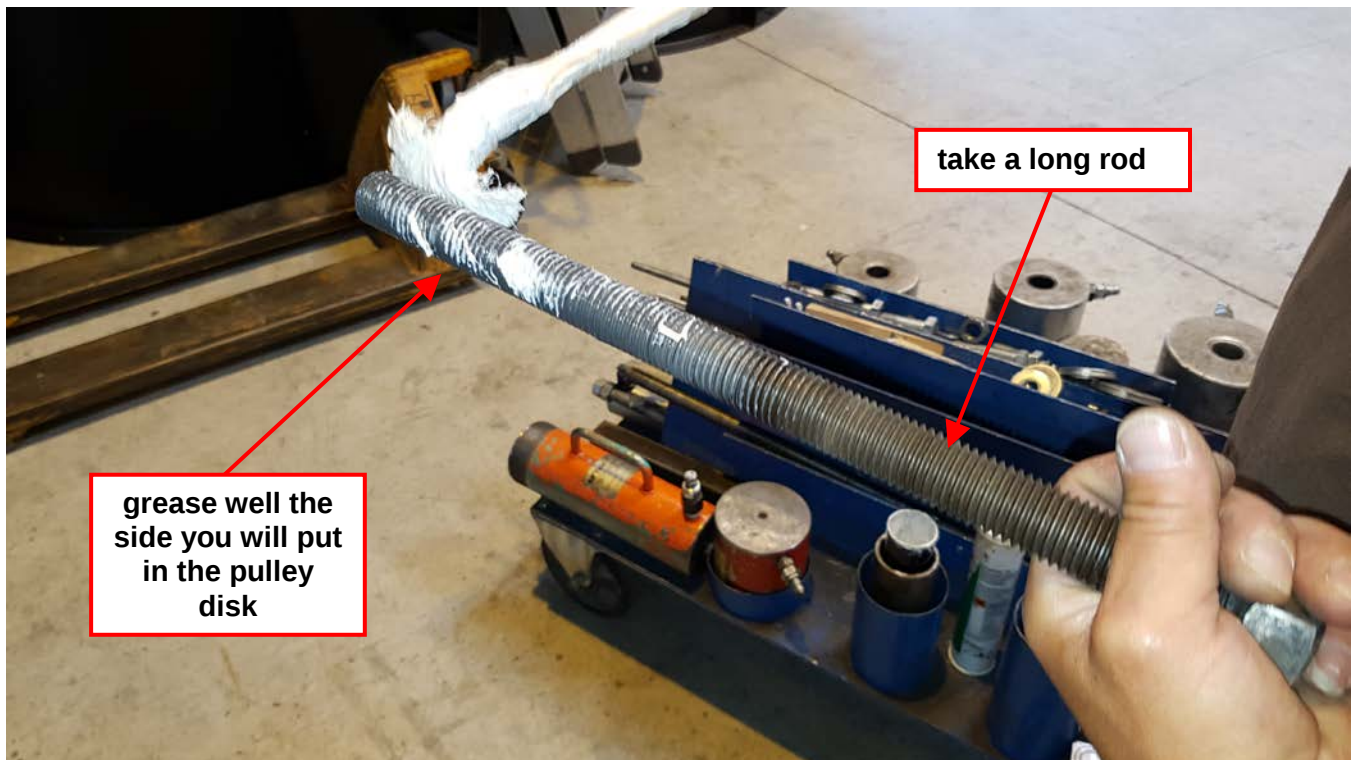
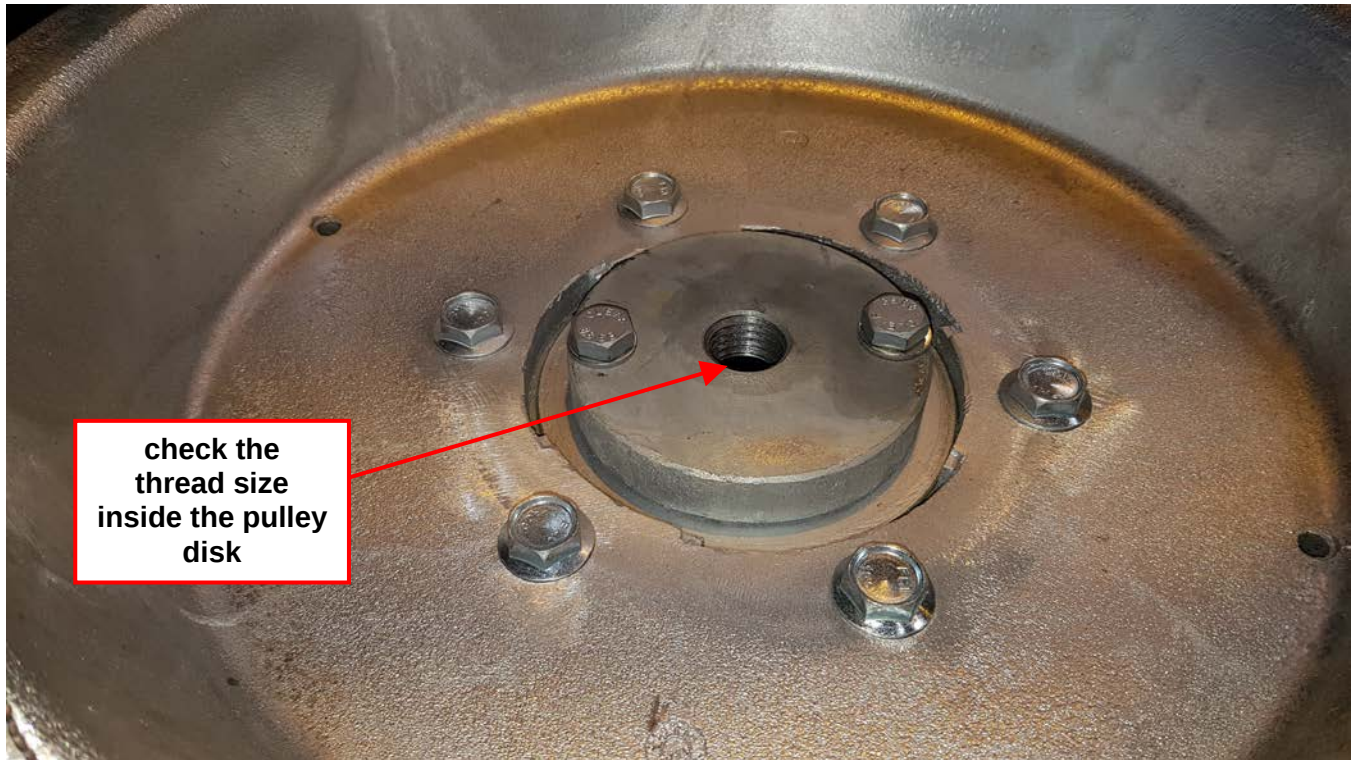
Step 4: Put a bolt into the motor shaft thread (manual tightening is sufficient)



Step 5: Reinstall pulley disk



Step 6A: Prepare pulling rod (alternative with hydraulic press => see Step 6B)

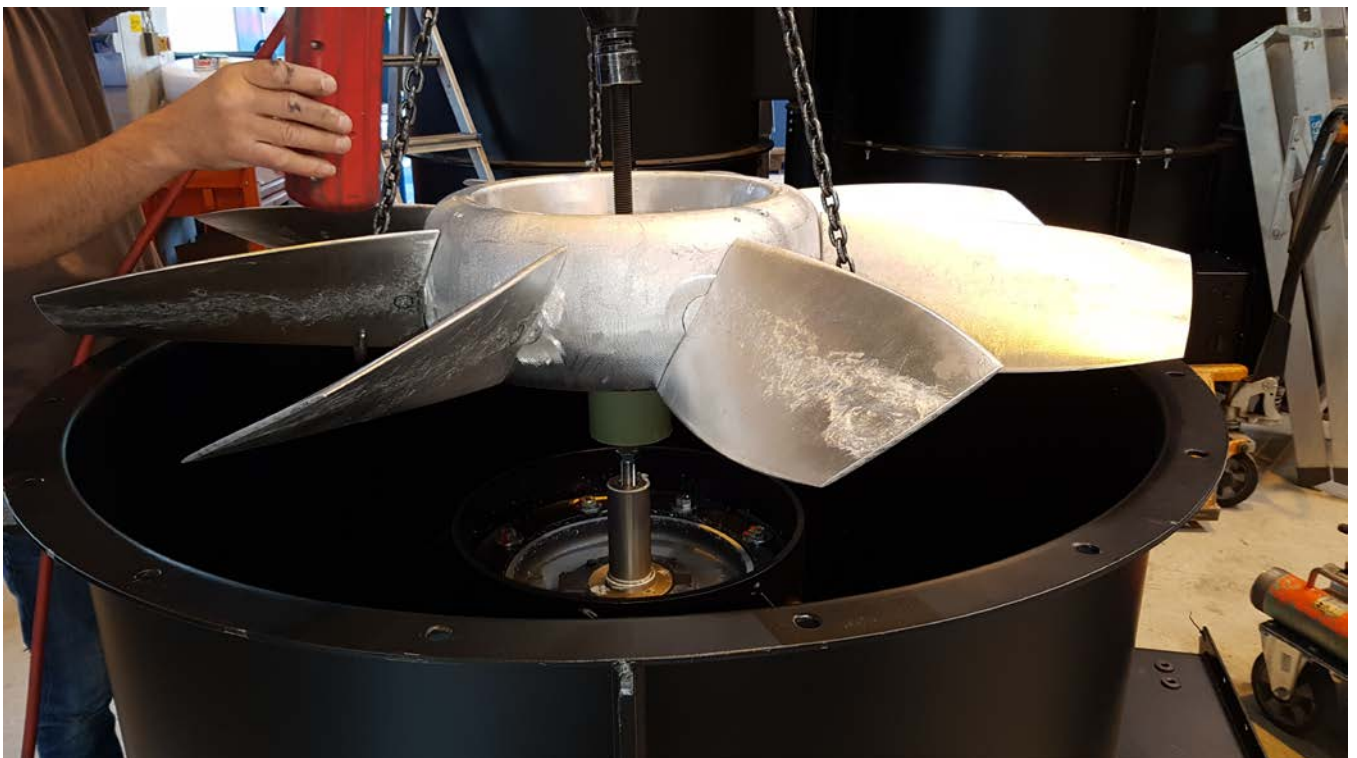


Step 7A: Insert pulling rod into pulley disk



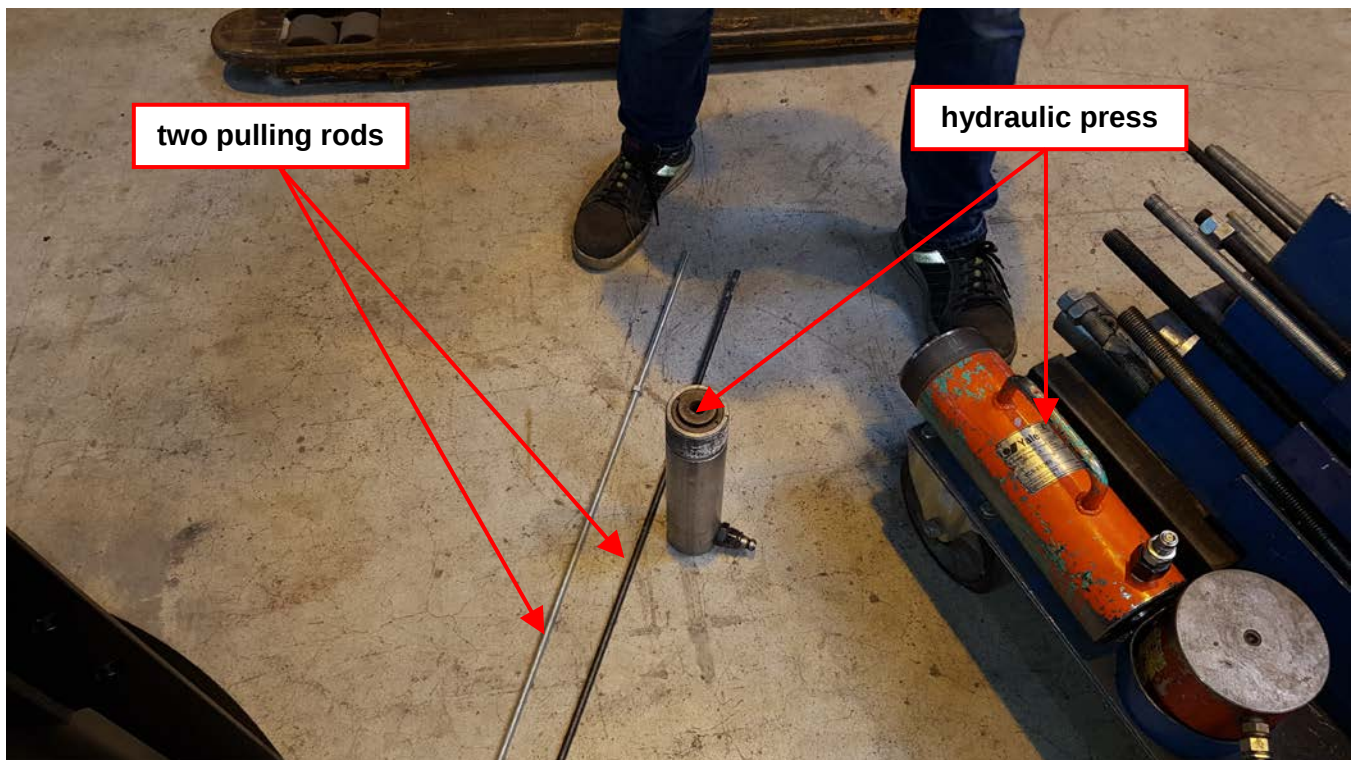
Step 8A: Pull the impeller from the motor shaft with the help of the pulling rod



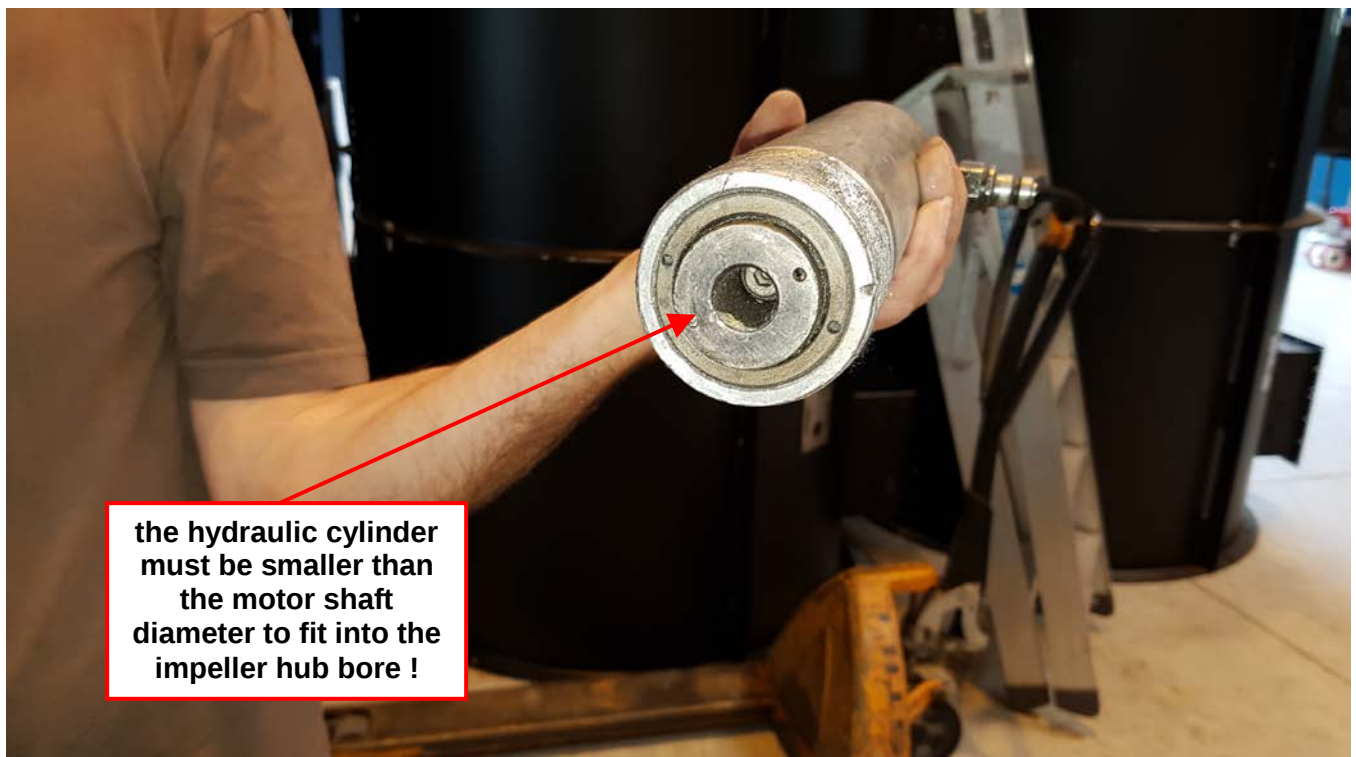




Step 6A: Prepare a hydraulic press (more common for larger fans)

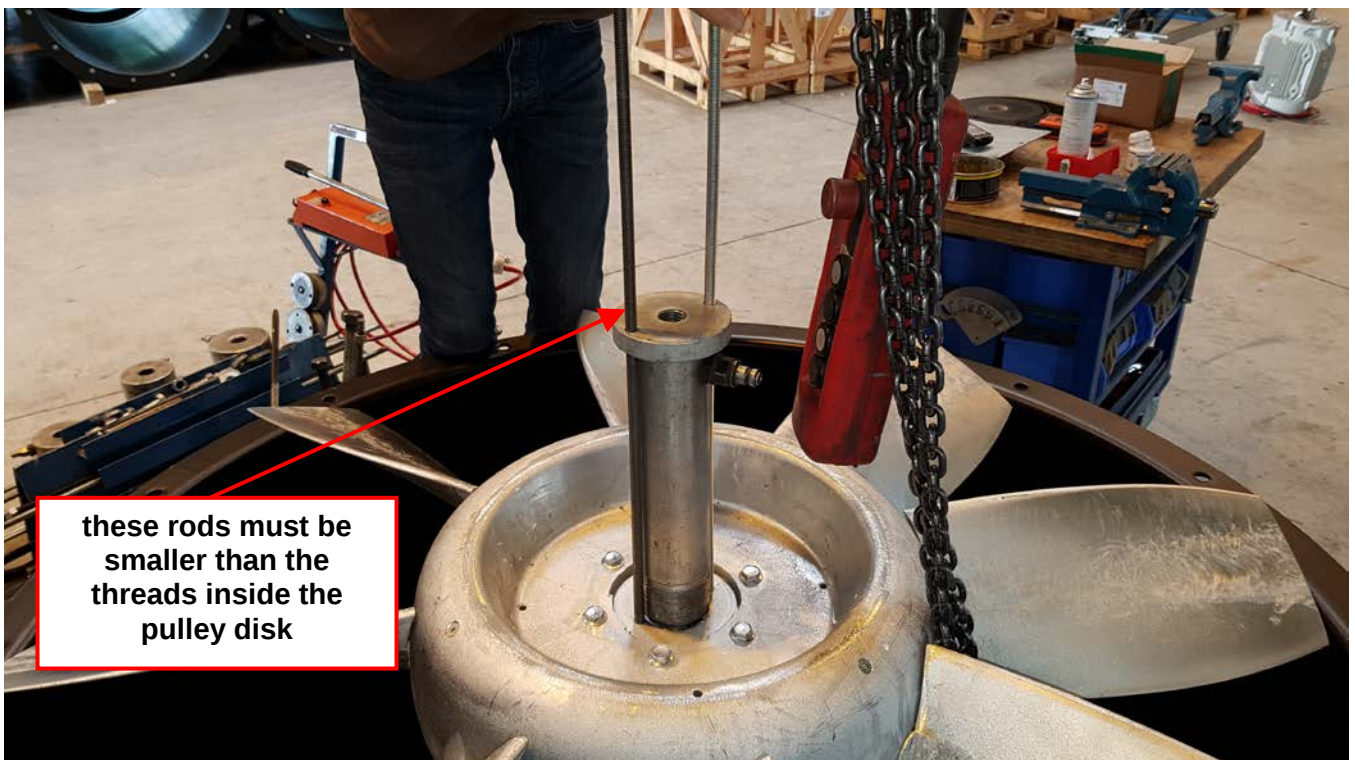


Step 7A: Put the hydraulic press on the impeller

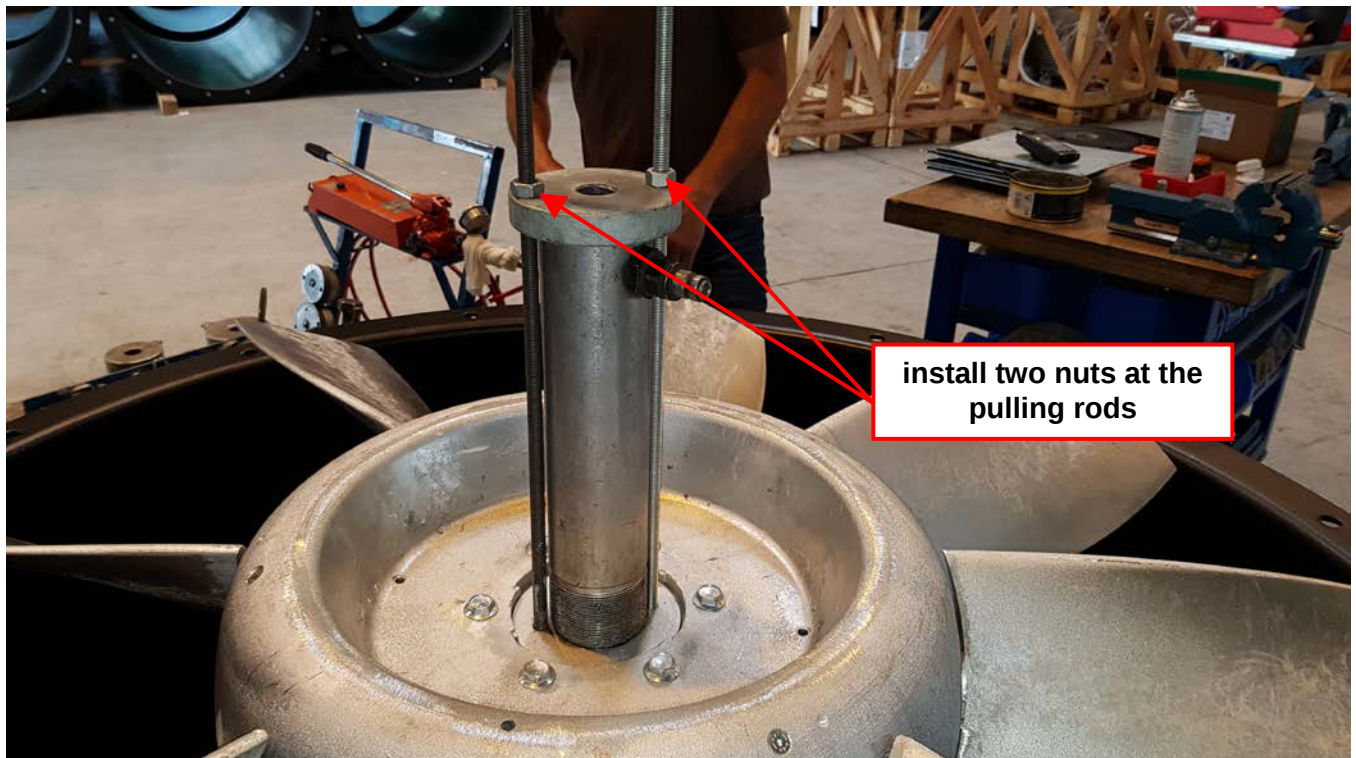




Step 8A: Put the two pulling rods with the pulley disk on top of the hydraulic cylinder



Step 9A: Fix pulley disk in position by two nuts



Step 10A: Pull the impeller from the motor shaft with the help hydraulic press

