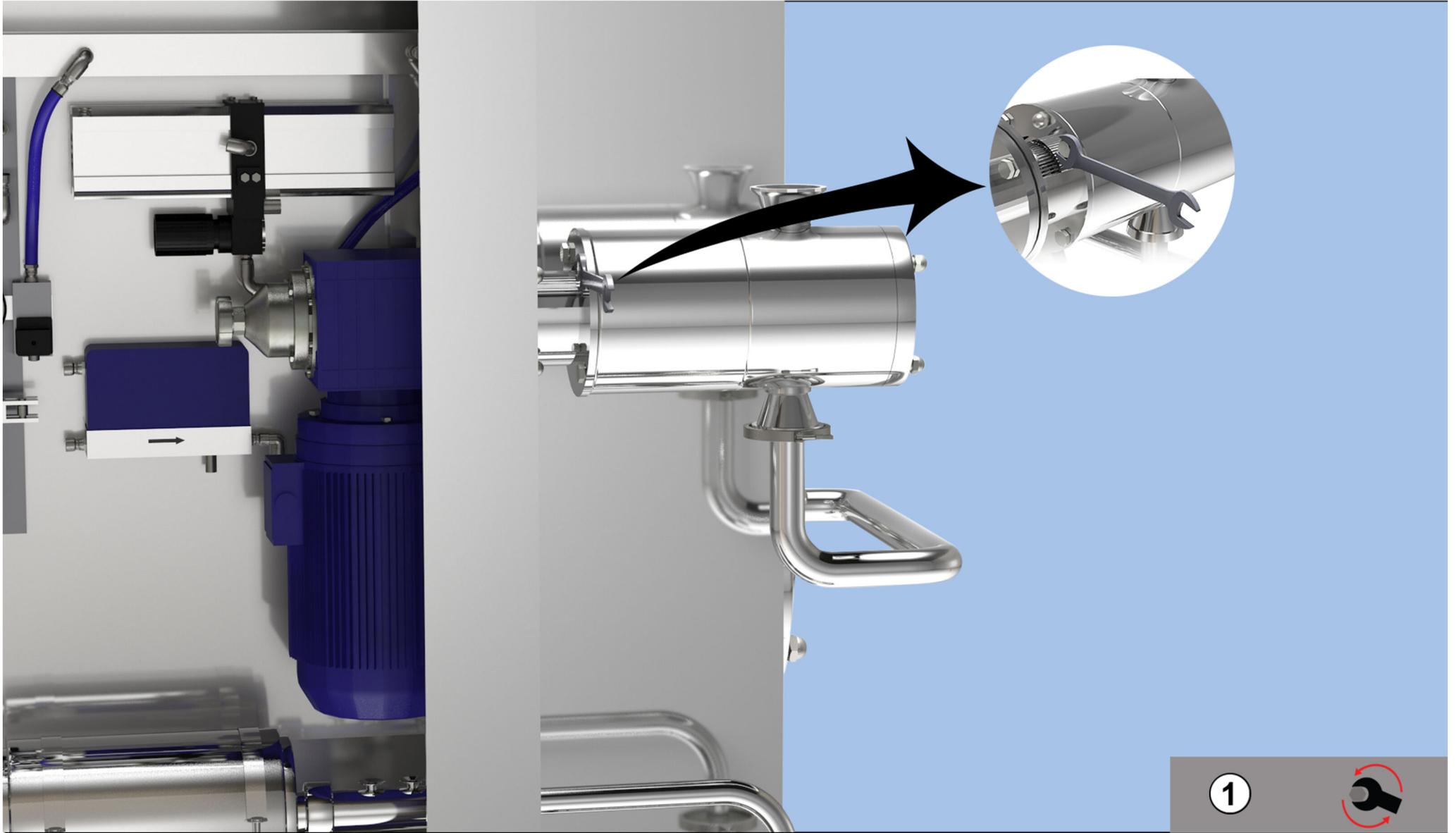
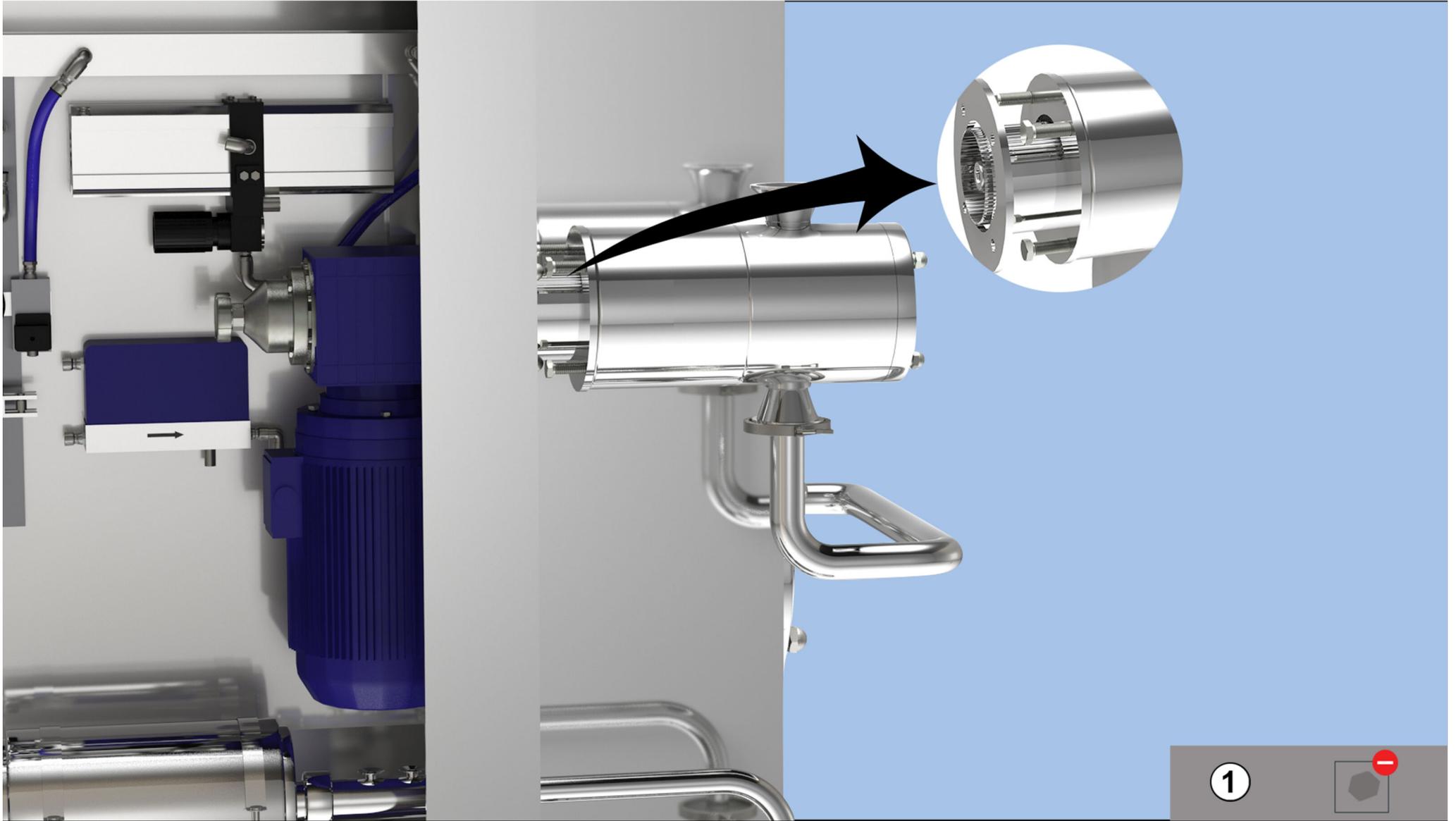


**PUMP ASSEMBLY - DISASSEMBLY**  
**GRAM - GIF600**

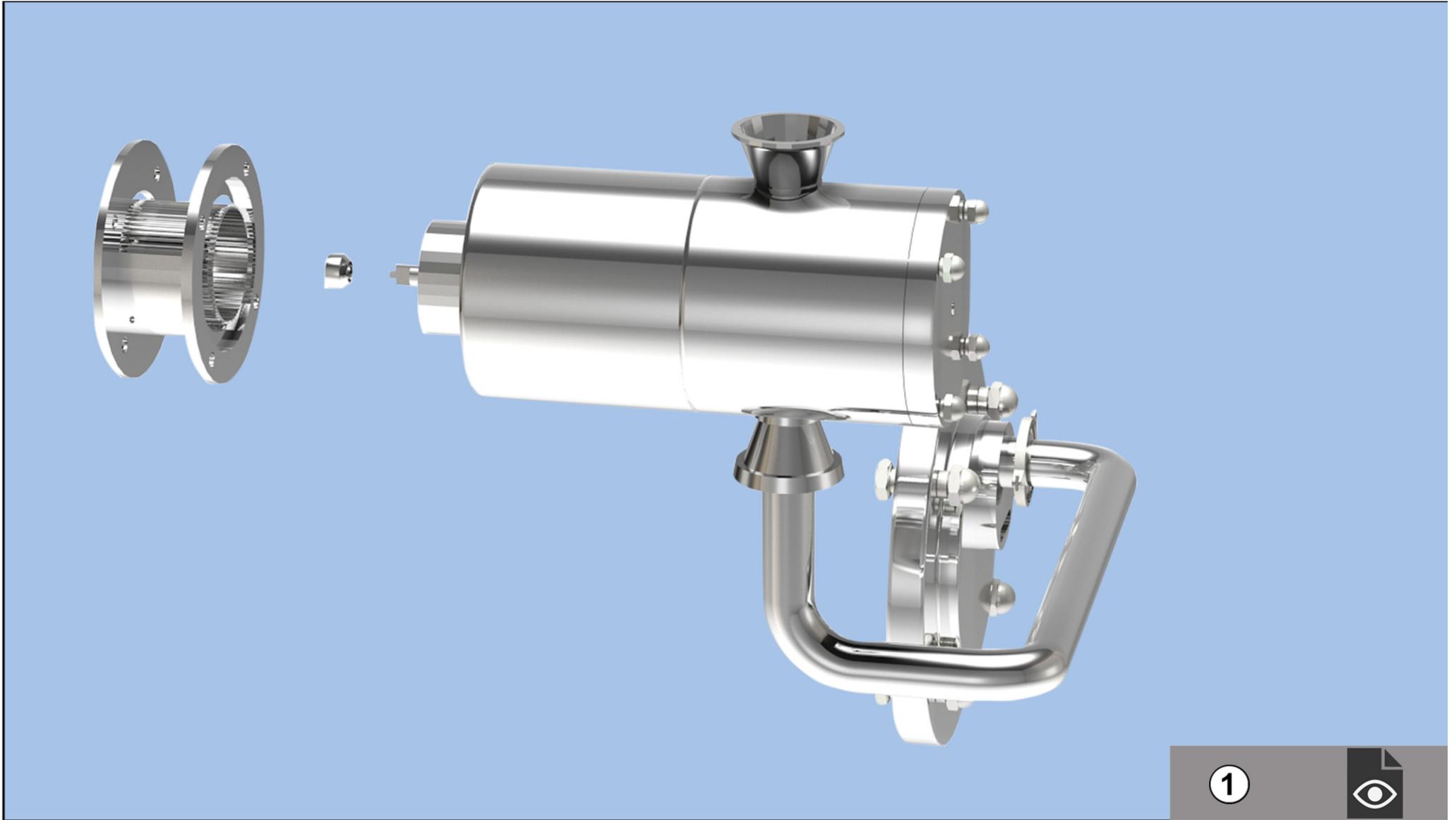
ACTION SYMBOLS					
	Isolate View		Disassemble		Assemble
	Loosen		Tighten		Sub-step Number
	Remove		Rotate		



1. Loosen the nut and screw three turns out the backlash adjusting handwheel.



2. Remove the 4 fixing screws of the pump on the freezer.



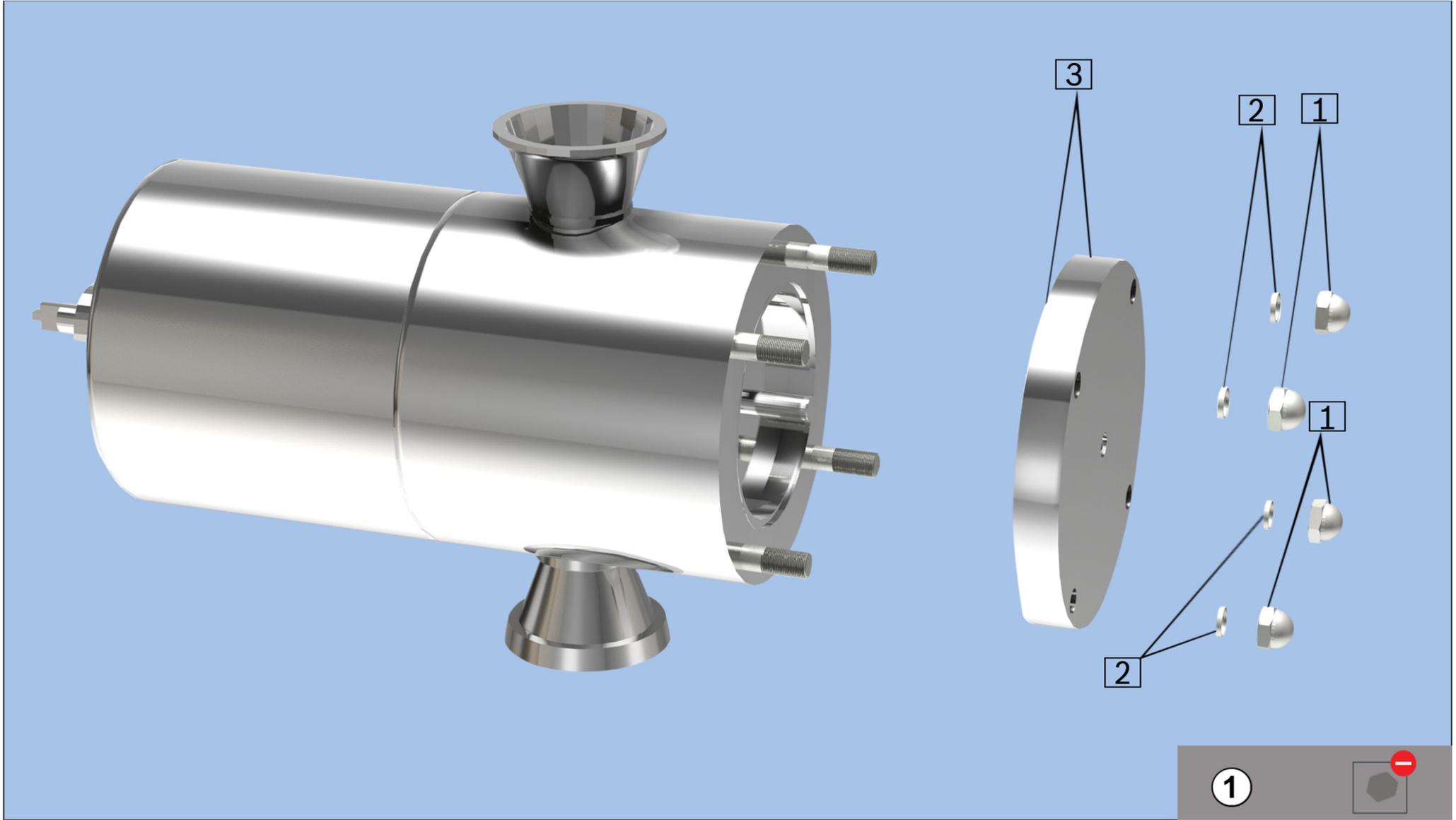
3. Isolate view of the Pump after removing the screws.



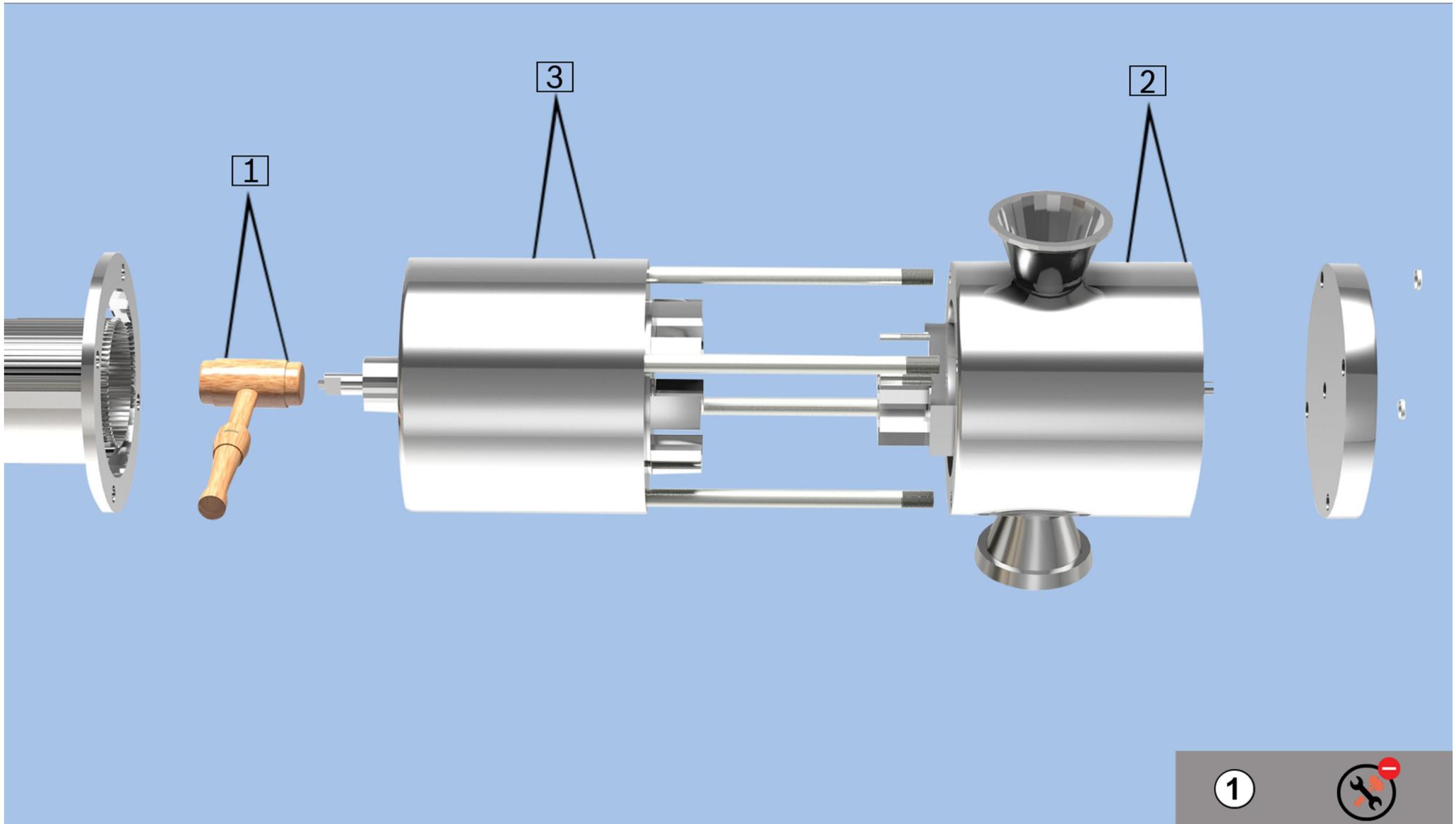
1



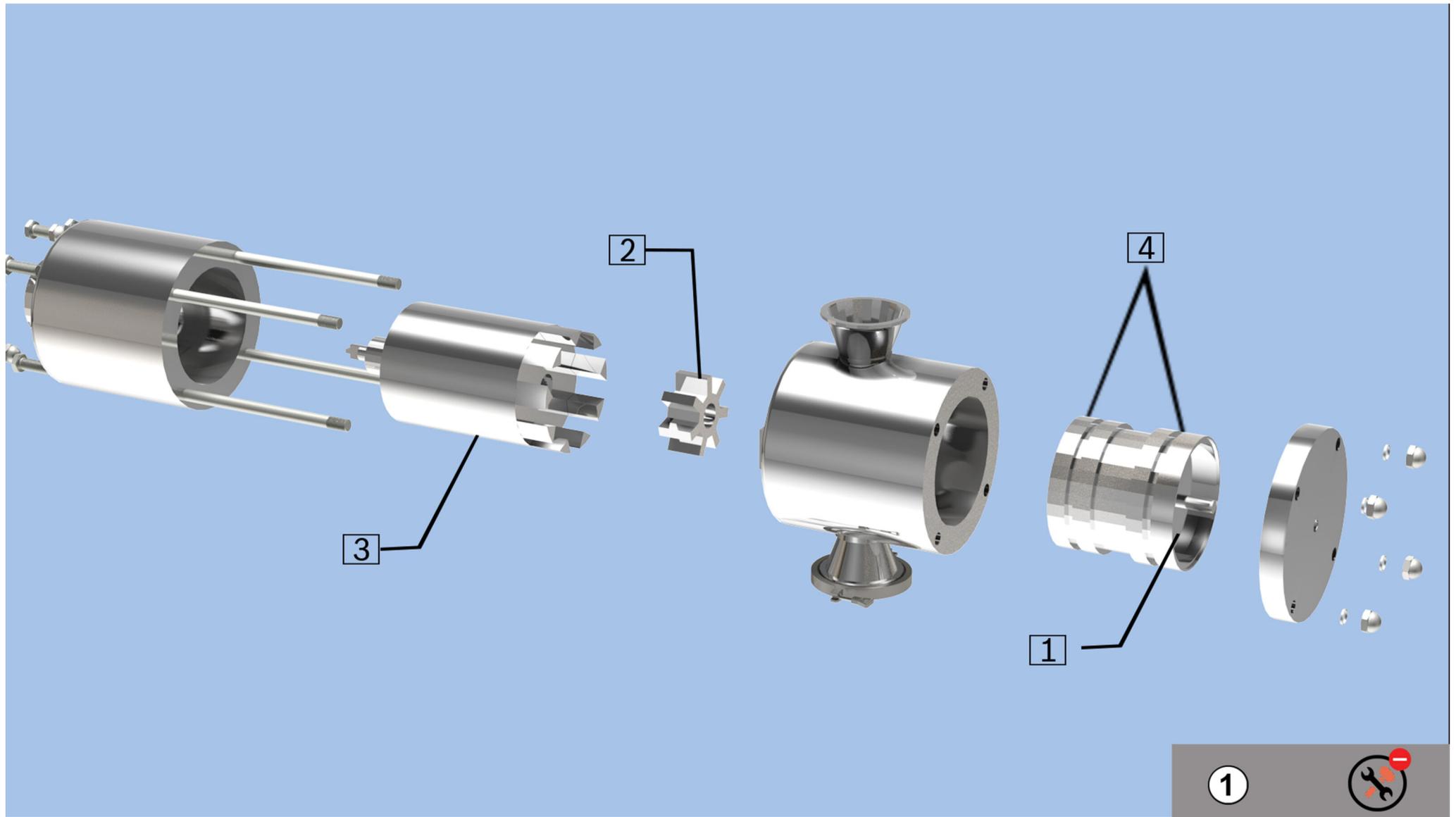
4. Remove the pump and place it on an easy prearranged work plan.
5. Loosen the nut and screw three turns out the backlash adjusting handwheel.



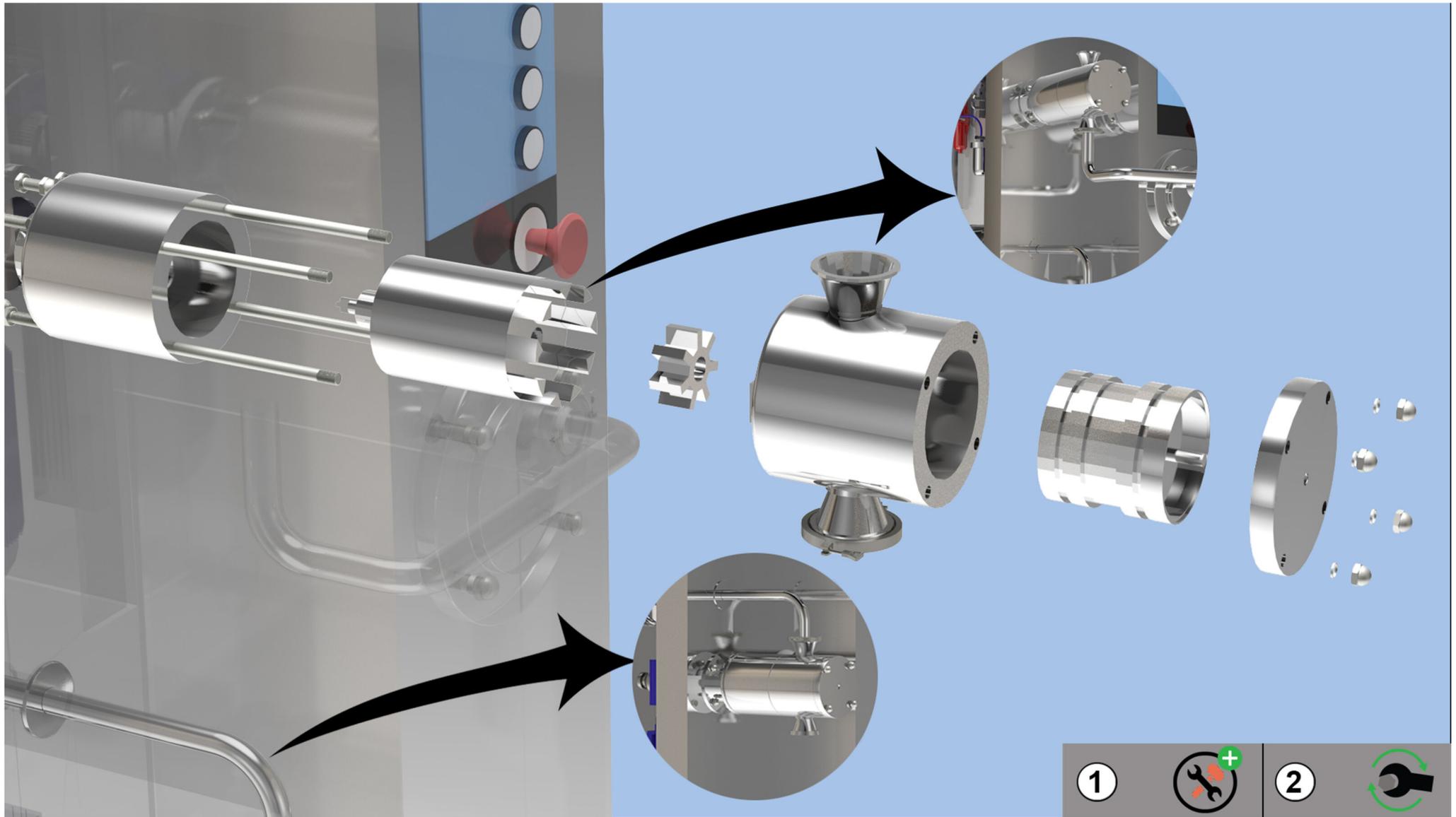
6. Screw out the 4 nuts (1), remove the washers (2) and slide the lid (3) off.



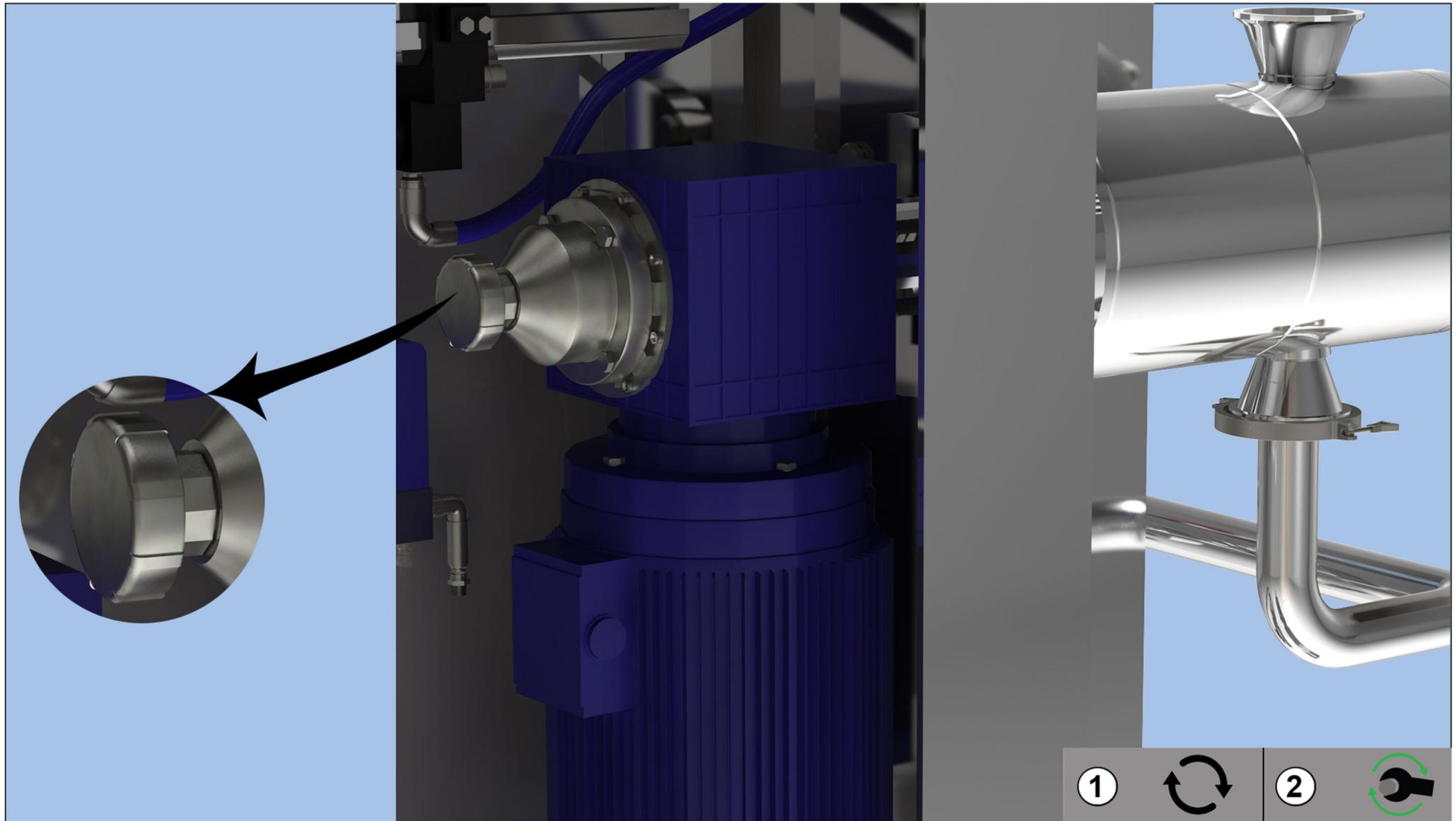
7. Using a plastic/wooden hammer (1) as indicated by the drawing, remove the pumpbody (2) from the base (3).



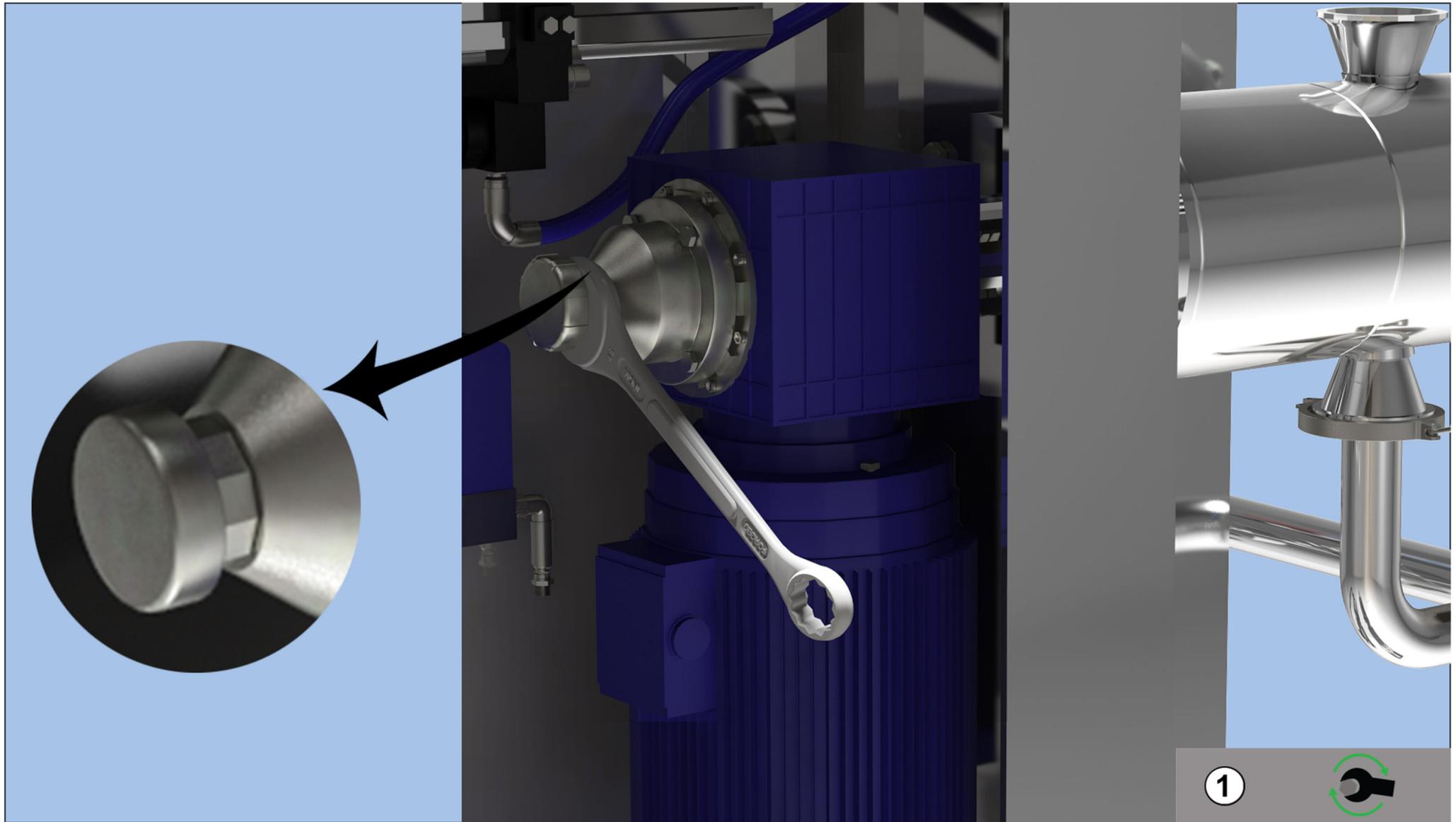
7. Disassemble the various sets (1-2-3) controlling their efficiency and wear.
8. Replace the O-ring gaskets (4).



9. Eventually, mount it all back following backwards the operations as above.
10. Pay attention to the pumps, which must be installed on the machine rests with the “0” pointers facing the frosting cylinder as shown in the drawing .(Mix pump pointer up, ice cream pump pointer down).



11. At the end of the assembly of the pump, adjust the rotor axial slack proceeding as described:- Rotate manually in clockwise sense the handwheel (1) up to the end of the run and tighten hard manually.
12. Loosen rotating in counterclockwise sense up to one notch on the handwheel (2) to provide Slack.



13. Tighten with a fork-wrench the counter-nut (3) on the handwheel thread taking care not to let the handwheel rotate.