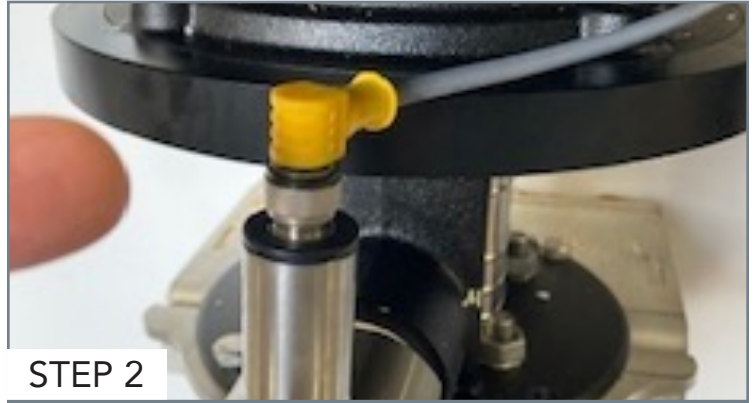


20 GPM GRUNDFOS INTEGRATED PUMP SEAL REPLACEMENT



STEP 1

Turn off three-phase power to the pump, remove wire connections from pump VFD/motor, and turn off water supply to the pump.



STEP 2

Remove pressure transducer cable



STEP 3

Remove the shaft coupler cover plate screws. (T-20 Torx driver)



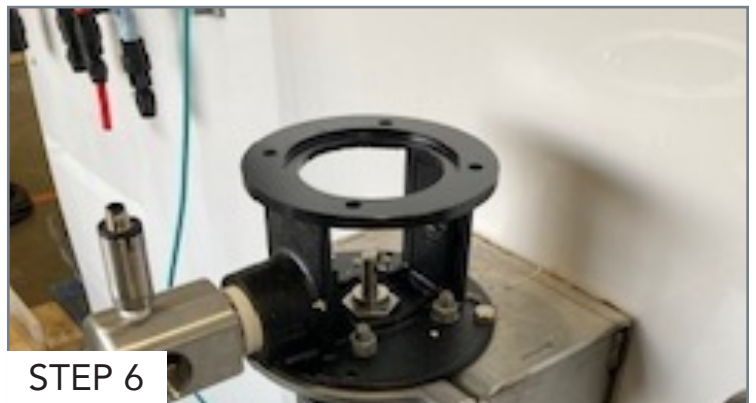
STEP 4

Remove the Allen bolts from the coupler. (6MM bolts)



STEP 5

Remove the bolts that attach pump motor to the frame. (13MM bolts)



STEP 6

Using the correct safety precautions, remove the motor from the pump stool frame.

20 GPM GRUNDFOS INTEGRATED PUMP SEAL REPLACEMENT



You're done with the first step of the included instructions, labeled page 3.



STEP 7

Loosen the set screws on the shaft collar, but do not fully remove the set screws. (2.5MM Allen Wrench)



You're done with the second step of the included instructions, labeled page 4.



STEP 8

Slide the shaft pin out to gain access for deep well socket. (Do Not Lose Pin)



Top view for easy access of 36MM socket

20 GPM GRUNDFOS INTEGRATED PUMP SEAL REPLACEMENT



This item is not vehicle specific.



Evercraft Socket 36 Mm Metric 6 Points

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Check Nearby Stores

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STEP 9

From the top, use a 36MM deep well socket. (Find at auto parts or home improvement stores)

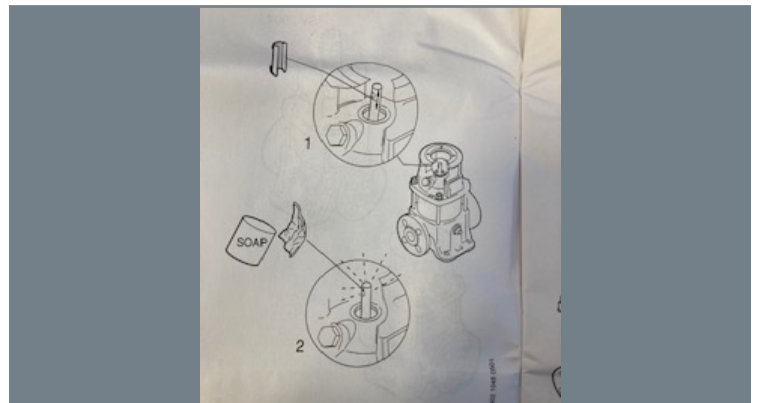


STEP 10

Remove the seal cartridge from the pump. Make sure the shaft is clean and no burrs or nicks are present. If there are burrs or nicks, use a fine emery cloth and soapy water to ensure the shaft is clean and smooth from defects.



You're done with step three of the included instructions, labeled page 5.



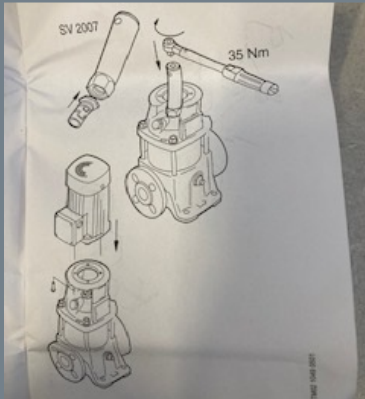
You're done with step four of the included instructions, labeled page 6.



STEP 11

Re-install seal kit into pump and tighten to 35 Newton Meters using torque wrench.

20 GPM GRUNDFOS INTEGRATED PUMP SEAL REPLACEMENT



You're done with step five of the included instructions, labeled page 7.



STEP 12

Re-install main shaft pin.



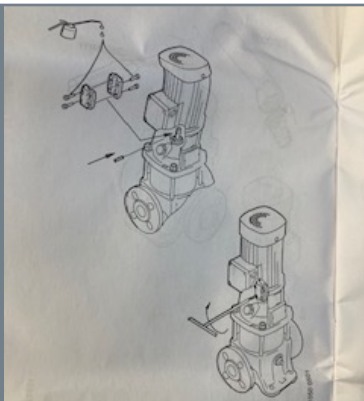
STEP 13

Install motor onto frame and re-install 13MM bolts and tighten to 13 Newton Meters



STEP 14

Install the coupler onto the two shafts and evenly tighten the bolts, but keep them loose enough to move coupler up and down slightly on both shafts.



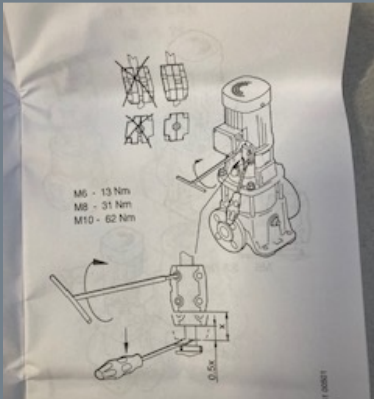
You're done with step six of the included instructions, labeled page 8



STEP 15

Using the plastic gauge that comes with the seal kit, or a flat blade screwdriver, gently pry up on the bottom side of the coupler and evenly tighten down to 13 Newton Meters. (Please see illustration on the next page). We are moving it up .5CM to keep the pump shaft off the bottom of the pump.

20 GPM GRUNDFOS INTEGRATED PUMP SEAL REPLACEMENT



You're done with step six of the included instructions, labeled page 9.



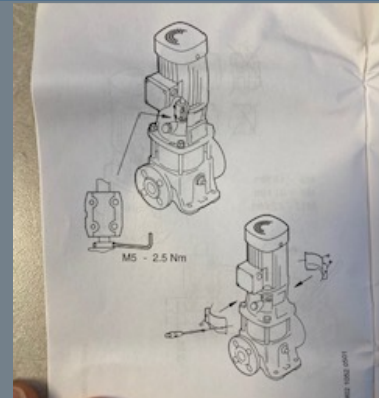
STEP 16

Using the 2.5MM Allen key, tighten to 13 Newton Meters. Rotate the shaft collar by hand, making sure you have no restrictions or noises, and it feels smooth.



STEP 17

Re-install the shaft coupler cover plates.



You're done with step seven of the instructions, labeled page 10.



STEP 18

Re-install your transducer cable, turn on the 3-phase power, re-install the control/data cables, and turn on the water supply to the pump. Force on an application in the wash controller to test your pump.



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