

After removing the pump from the machine, remove 3 bolts and lock washers holding pump cover on.



Brace the impeller against a screwdriver to remove the locknut holding the impeller to the shaft.



Take the spring and cap out, remove the 4 nuts and washers holding the housing to the motor.



Lift the pump housing off the motor; from the back of the housing push the ceramic portion of the seal out.



With two seal parts removed and housing off of the motor, the new motor can be put into the assembly.



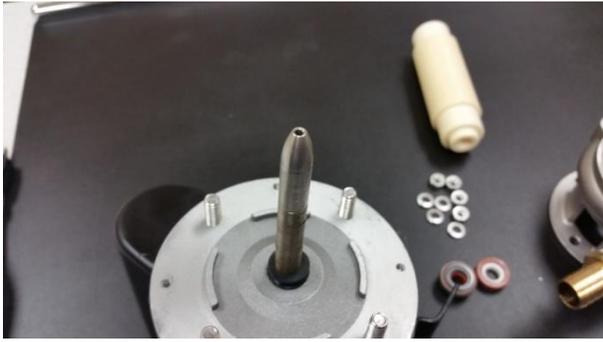
Place the ceramic portion of the seal, boot down into the housing. Use small amount of dish soap.



With tool 088-1092 press the ceramic firmly to the bottom of the housing.



Turn the housing over, check that seal and boot are fully seated in housing, place protective shield over the threads on the motor shaft.



Carefully place the housing on the motor, align the housing correctly and slide it over the 4 attachment studs.



Place lock washers and nuts on the studs and tighten. Place small amount of soap on black portion of seal.



Also lube the protective shield covering the threads, slide the seal on the shaft, use open side of the tool.



Carefully press the seal down the shaft until seated against the white ceramic portion of the seal. Do not pound or hammer on the installing tool, this could break the ceramic portion.



Remove the protective shield, place the spring over the seal collar with the cap on top.



Look closely at the shaft to see the side machined with a flat; this must be aligned with impeller.



Note the impeller has a "D" cut hole which aligns with the motor shaft flat.



Place one drop of Loctite on shaft threads. Brace impeller with a screwdriver and fasten locknut 098-2507 to hold impeller securely to the motor.



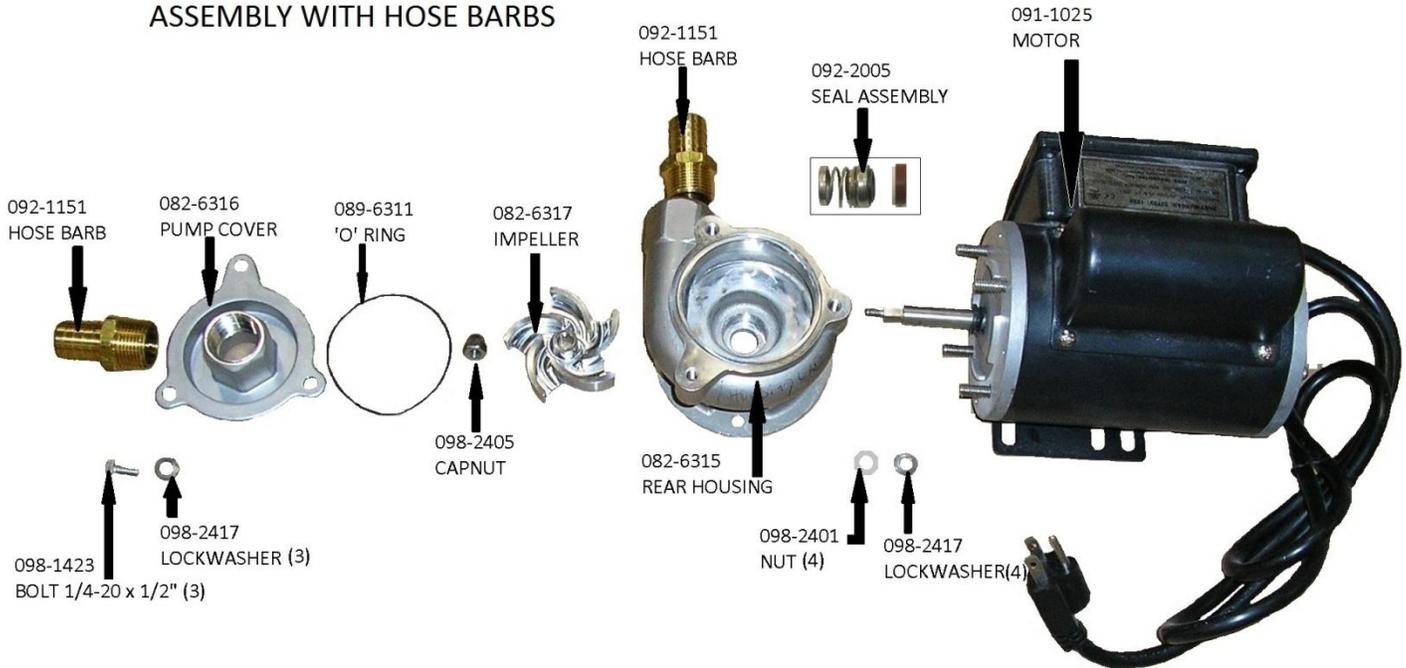
Place O-ring gasket 089-6311 on the pump cover and place into the pump housing



Align the cover, insert the 1/4-20 SS bolts and lock washers, tighten firmly. Remove the plug on the end of the motor cord and attach motor wires to the original wires of the machine control for the drain pump.



063-2900 ET DRAIN PUMP ASSEMBLY WITH HOSE BARBS



063-2700 ET DRAIN PUMP ASSEMBLY (USED FOR CONVERTING FROM PLASTIC PUMP)
(EVERYTHING PICTURED PLUS PUMP MOUNTING BRACKET 086-6318)

063-2900 ET DRAIN PUMP ASSEMBLY
(EVERYTHING PICTURED)

088-1092 SEAL PRESS TOOL

098-9009 HOSE CLAMP (NOT SHOWN) 7 PER MACHINE

093-1051 HOSE, (BULK) 78 1/2" PER MACHINE

The wash pump 063-3000 for the ASQ is serviced in the same procedure steps as the drain pump, with the exception of being larger in size and motor horsepower.

The part number for the seal installing tool on both pumps is 088-1092.

The seal for the ASQ wash pump is 092-2006 and the O-ring gasket is 089-6313

