

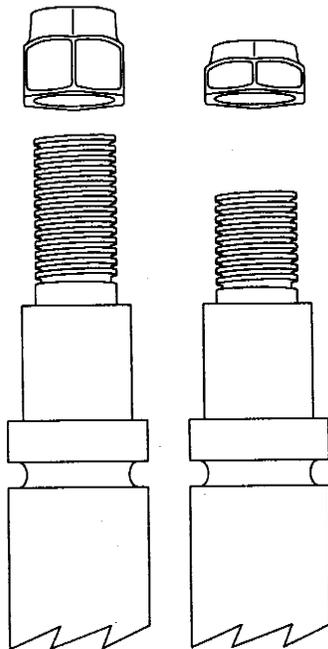


PRODUCT UPDATE

Number 10
Revision 1

EXTENDED THREADS ON SHAFT

The thread length on the BAC-6-HYD and BAC-6-150/200 shafts has been extended to accommodate a standard height lock nut. This change affects all 150 Series pumps, all hydraulic driven pumps, and the FMC-200 pump. The standard height nut allows more thread contact, resulting in better engagement of the impeller to the pump shaft. The length of the thread land has been increased from 3/8" to 5/8". The new shafts are interchangeable with the former shafts, and no changes in part number will occur.



STANDARD HEIGHT LOCK NUT

The BAC-23-A standard height lock nut is universally replacing the BAC-23-SS low profile lock nut. This change affects all 150 Series pumps, all hydraulic driven pumps, and the FMC-200 pump. The change is being made in conjunction with the lengthening of the shaft threads.

The BAC-23-A is cadmium plated and will be used on both carbon steel and stainless steel shafts. The plated nut will not gall when installed on a stainless steel shaft. The BAC-23-SS nut can be used on shafts with the 3/8" or 5/8" thread length; however, the BAC-23-A nut can only be used on shafts with the 5/8" thread length.

O-RING BODY SEAL

The BAC-4A O-ring body seal has replaced the BAC-4 flat fiber gasket on all new pumps. This change affects pumps manufactured since January 1996 that formerly used the BAC-4 flat fiber gasket. The O-ring allows better sealing at pressures exceeding 100 PSI. The O-ring does not adhere to the castings which allows it to be replaced more easily. The O-ring may also be reused if it has not been damaged or cut.

The installation of the O-ring requires that a chamfer or groove is cut in the volute. All volutes manufactured since January 1996 will have the O-ring cavity. The O-ring can not be used on volutes without a chamfer or groove.

Repair kits for all PTOC... and FMC... pumps will include both the BAC-4 gasket and BAC-4A O-ring.

Note: The BAC-4 fiber gasket can be used on volutes with the O-ring cavity. Silicone or Permatex synthetic sealers can also be used as gasket material.

ORIGINAL PART NUMBER	NEW PART NUMBER
BAC-23-SS 40390	BAC-23-A 40391
BAC-4 40010	BAC-4A 40005