

Installation of the modular pump kit FPK12311-250 onto M673F pump base

1.) Remove the old pump and pump parts from the pump base. Take the shaft seal out from pump base. There are two shaft holes in the base, one goes all the way through (drive shaft) and one does not (idler shaft). Remove all needle bearing rollers from the idler shaft hole (be sure that there are no needle bearing rollers left in the hole - because the pump can fail). Check that all needle bearing rollers are present in the drive shaft hole, there are twenty-four (24) needles.

Note: If needle bearing in idler shaft is caged (needles are not loose; they can not be moved out from bearing) needles do not have to be removed.

2.) Assembly of the modular pump FP12311:
 a) place 'O'-ring FP0120 on the pump base,
 b) place 'O' ring FPN0301 in the pump groove,
 c) insert the drive shaft of pump through pump base and orientate pump in correct orientation,
 d) insert 4 screws FPN0748 through pump and torque to approximately 150 in-lbs,
 e) put shaft seal FP2159 on drive shaft with lip facing towards pump base. Press seal into pump base until seal is against the bottom of the seal cavity. The seal should be approximately 0.030" below the top of the seal cavity.

3) When pump is installed slide cap FPN0719 over a pump.

M673F Modular Pump Kit FPK12311-250			
ITEM	QTY	PART#	DESCRIPTION
1	1	FP12311	Pump, Modular
2	4	FPN0748	Screw, Socket Head Cap Screw 1/4" - 20UNC x 3"
3	1	FP0120	'O'-ring, 1/16" x 1/2" x 5/8"
4	1	FPN0301	'O' ring, Metric, 56 x 2
5	1	FPN0719	Cap
6	1	FP2159	Seal

