



Franklin Electric

CONVERTIBLE VERSAJET PUMP SUCTION FLANGE KIT INSTRUCTION SHEET

This carton contains all the parts needed to assemble the suction flange to the front of the Convertible VersaJet pump. This carton may also include a shallow well injector or a deep well injector. If applicable, the assembly instructions for the suction flange are included inside one of the part bags found within (document 106581101). The suction flange should be completely assembled to the pump body prior to beginning the injector assembly.

STEP 1

This suction flange is intended for use with Franklin Electric's Convertible VersaJet pump only. Remove the pump from its carton. Inspect product for shipping damage. If none is found, remove the shipping board from the bottom of the pump. If shipping damage is found, contact the freight carrier immediately. **NOTICE:** All Convertible VersaJet pumps are shipped without a suction flange installed on the front of the pump. This allows the end-user to easily customize the installation to fit specific job application needs.

STEP 2

Detach the metal base from the pump by removing and discarding the two 3/8"-16 x 3/4" long bolts with flat washers from the lower front end of the pump. Longer bolts with washers are supplied in this kit to replace the shorter ones.

STEP 3

Position the 7" diameter o-ring onto the outside diameter of the suction flange.

STEP 4

Make sure that the rubber grommet that was shipped with the pump body is still located on the suction eye of the diffuser. If not, replace it back onto the suction eye.

STEP 5

Position the suction flange onto the front of the pump with the FE logo in the upper right hand corner. With the palms of your hands on the flange, and fingers grasping the pump bracket, gently squeeze the flange and bracket together. If it is difficult to assemble the flange to the bracket by gently squeezing them together, a thin film of petroleum jelly may be applied on the surface of the o-ring to ease installation of the two mating parts. If lubrication does not help, continue to step 6, where the suction flange fasteners are installed. The compressive force from tightening these fasteners down will complete the sealing process.

STEP 6

Install two 3/8"-16 x 1" inch long bolts with lock washers into the top two flange holes finger tight.

STEP 7

Place the pump base back into position so that the base slots line up with the two lower holes in the suction flange. Install the remaining two 3/8"-16 x 1" long bolts with lock washers and flat washers into these two holes finger tight. The flat washers should be between the pump base and the lock washers.

STEP 8

Tighten the 4 bolts in a uniform cross pattern to 115 inch pounds (in-lbs) torque.

STEP 9

The remaining gasket will be used if you attach a shallow well injector to the front of the pump, or attach the pump to a well adapter. If this pump is used in a twin pipe deep well application, the gasket will not be needed.

The installation of the suction flange to the pump is now complete. If the pump is going to be used in a shallow well application, begin to assemble the injector to the front of the pump. If the pump will be used in a deep well application, the pump is ready to be connected to the well piping.

Note: The CVJ-K5 (96150950) is for use in deep well applications only. No shallow well gasket is provided as this flange is not compatible with shallow well injectors.



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