



Franklin Electric

CONVERTIBLE VERSAJET PUMP INJECTOR KIT INSTRUCTION SHEET

This carton contains all the parts needed to assemble a shallow well injector to the front of the convertible VersaJet pump, or to prepare a deep well injector for insertion into a well. This carton may also include a pump suction flange. 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 assembled to the pump body first, before continuing the installation of either the shallow or deep well injectors. Refer to the appropriate instructions below to complete the pump preparation and initial assembly setup.

Caution: Do not use sealant, pipe tape, or lubricant of any kind on the plastic components listed in these instructions.

SHALLOW WELL INJECTOR

STEP 1

Make sure the pump suction flange has been installed on the front of the Franklin pump as outlined on the suction flange instruction sheet (106581101).

STEP 2

Install the injector nozzle into the cast injector housing using a 3/4-inch deep well socket with appropriate extension, and torque to 25 inch pounds (in-lbs).

STEP 3

Install the injector venturi into the cast injector housing using a 5/8-inch or 3/4-inch hex key wrench, and torque to 25 in-lbs. (Franklin shallow well venturis have either a 5/8-inch or 3/4-inch hex socket located at the ID of the venturi which can be used for installation with a hex key wrench.)

STEP 4

Orient the rubber gasket provided with the suction flange kit on the front of the pump. Make sure to properly align all holes. Bolt the injector housing to the front of the pump using the supplied 3/8-inch -16 x 1-inch long bolts and flat washers. Tighten bolts to 100 in-lbs.

The shallow well jet pump assembly is now complete and ready for connection to the well piping.

DEEP WELL INJECTOR (Twin Pipe)

STEP 1

Make sure the pump suction flange has been installed on the front of the Franklin pump as outlined on the suction flange instruction sheet (106581101).

STEP 2

Install the nozzle into the cast injector housing using a 3/4-inch deep well socket with appropriate extension, and torque to 25 in-lbs.

STEP 3

Install the venturi into the cast injector housing using a 7/8-inch open end wrench, and torque to 25 in-lbs.

STEP 4

Apply thread sealant, such as pipe dope or PTFE tape, to the 1-1/4-inch NPT threads of the foot valve strainer. Install the foot valve into the bottom hole of the deep well body. Tighten with a pipe wrench.

The twin pipe deep well injector assembly is now complete and ready for connection to the well piping.

DEEP WELL INJECTOR (Packer Type)

STEP 1

Make sure the pump suction flange has been installed on the front of the Franklin pump as outlined on the suction flange instruction sheet (106581101).

STEP 2

Install the nozzle into the cast packer housing using a 3/4-inch deep well socket with appropriate extension, and torque to 25 in-lbs (the nozzle may be installed in the housing from the factory).

STEP 3

Install the venturi into the top of the cast packer housing using a 7/8-inch open end wrench, and torque to 25 in-lbs.

STEP 4

Apply thread sealant, such as pipe dope or PTFE tape, to the lower 1-inch NPT threads of the packer housing. Install the strainer foot valve onto the housing. Tighten with a pipe wrench.

STEP 5

Soak the packer assembly in warm water for 1 hour to make the leathers soft and pliable.

The deep well packer assembly is now complete and ready for connection to the well piping.

