



EZ-Union

Operation and Maintenance Manual Assembly Installation Instruction

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aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
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Section 1.0 Introduction

Parker Autoclave Engineers offers an EZ-Union (EZU) adapter providing a fast and simple way to install or remove components from a pressure system. The face seal o-ring design provides a positive seal with easy and reliable operation.

EZ-Union adapters can be provided with any standard or special connection combination. Optional materials available upon request. Contact your local Sales Representative for optional information and sizes not shown.

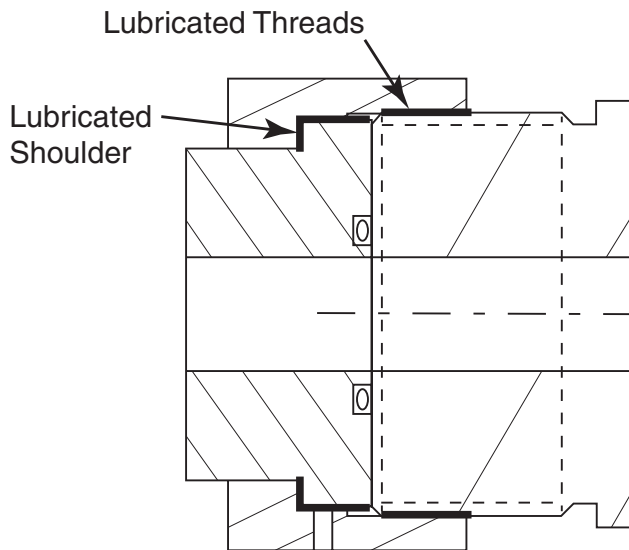


Figure 1

Section 2.0 EZ-Union (EZU) Assembly Instructions

Step 1

Apply a small amount of o-ring grease Dow Corning Molycote 55M on o-ring and insert into o-ring groove. The grease will help keep the o-ring from falling outside of the groove.

Step 2

Mate the two sides of the assembly together and assure that both sides of EZU are flat and concentric and that there is no gap in between the faces (see Figure 1)

Step 3

Lubricate back shoulder of EZU connection with Jet Lube SS-30 or Jet Lube Moly Paste MP-50 (see Figure 1)

Step 4

Lubricate male threads of the EZU connection with Jet Lube SS-30 or Jet Lube Moly Paste MP-50 (see Figure 1)

Step 5

Thread the EZU nut over the male threads of the EZU connection hand tight. Parts should easily thread by hand. If the parts do not easily thread together, then your mating parts are not concentric. **DO NOT USE A WRENCH TO INITIALLY TIGHTEN EZU NUT.**

Step 6

Now that your part has been assembled hand tight, torque the EZU nut to the appropriate torque as listed on the Parker Autoclave Engineers assembly drawing. If you do not have a drawing or are unsure of what the torque is, please contact Parker Autoclave Engineers with your part number.

Note: Reference maximum allowable working pressure as etched on the part assembly or as listed on the Parker Autoclave Engineers assembly drawing.

WARNING

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Caution! Do not mix or interchange parts or tubing with those of other manufacturers. Doing so is unsafe and will void warranty.

Caution! Parker Autoclave Engineers Valves, Fittings and Tools are not designed to work with common commercial instrument tubing and will only work with tubing built to Parker Autoclave Engineers AES Specifications. Failure to do so will void warranty.