Follow your company's safety procedures whenever working on Kadant Johnson products. Read all of the instructions before proceeding with the installation or repair.

Please refer to the Kadant Johnson assembly drawing for part identification. Assembly drawings are available on request from Kadant Johnson.

Lubricate all fasteners with anti-seize compound. Tighten all fasteners in a star pattern. Torque specifications are listed on the product assembly drawing and are available from Kadant Johnson.

NOTE: Do not use anti-seize or petroleum-based products on o-rings. Only lubricate the o-rings with the silicone lubricant supplied with the Kadant Johnson repair kit. Prior to handling lubricants, consult MSDS information.

This Kadant Johnson rotary joint is furnished completely assembled and ready for installation. Please contact Kadant Johnson if further assistance is required.

STEP 1.
Run two jam nuts (66A) down each support rod. Place two new springs (7), one on each of the support rods against the jam nuts (66A). Place gasket (8) into the counterbore on the cage (1B). Position the joint/syphon assembly into the roll and onto the support rods.

STEP 2.
Install socket head cap screws (Not supplied by Kadant) through the cage flange (1B) by turning the roll to expose the bolt hole in the bottom of the rotary joint. Tighten the bolts evenly.

STEP 3.
Tighten jam nut (66A) evenly on each support rod until the spring (7) is compressed to 0.69” (18 mm). Tighten the second jam nut to secure the first one maintaining the 0.69” (18 mm) setup dimension. Make sure the rotary joint is square and level to the machine. Thread two remaining jam nuts (66) onto each support rod until there is a 0.25” (6 mm) gap between the face of the nut and the lug on the joint body (1). Tighten the second nut to secure the first one. See dimension “R” on the joint assembly drawing. The “R” dimension is the seal ring wear indicator.

STEP 4.
Make sure the syphon (42) is oriented in the down position. The red knob on the indexing handle (46) should point up when the syphon is pointed down for proper drainage.

STEP 5.
The joint is now ready to accept piping.