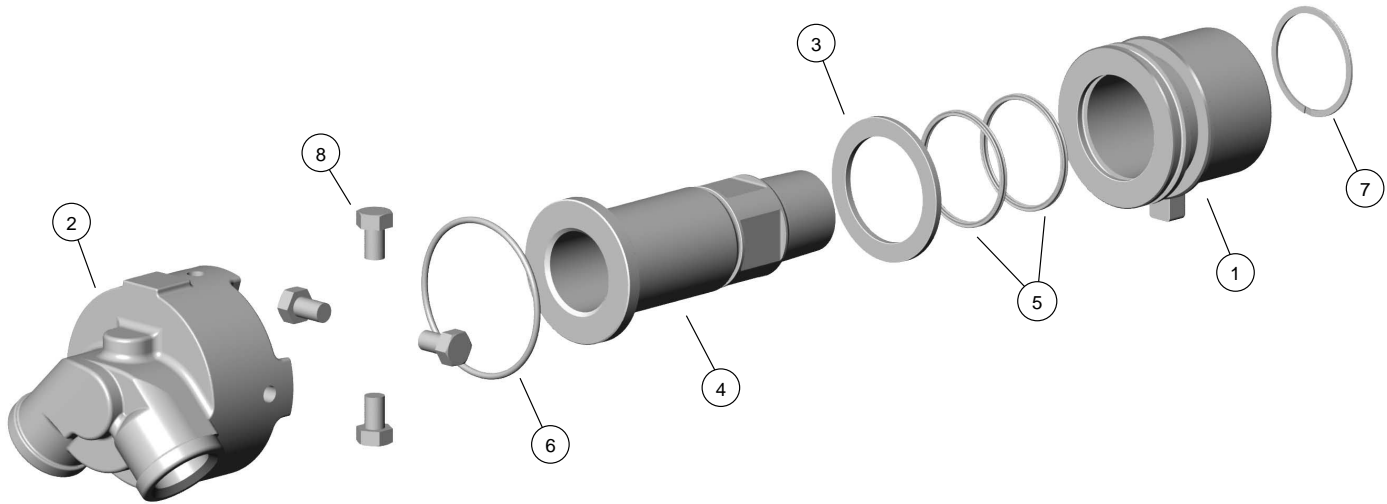


Disassembly and Repair of External-Mounted Type C-Cast Joints



Type CJED

When ordering a repair kit, specify the joint size, style and part ID located on flange.

ROTARY JOINT REPAIR KITS AVAILABLE:

<u>Joint Size</u>	<u>Repair kit ordering number</u>
3/4"	RK-3200 CJE
1"	RK-3300 CJE
1-1/2"	RK-3500 CJE

REPAIR KITS ARE AVAILABLE CONSISTING OF:

<u>Item #</u>	<u>Qty</u>	<u>Description</u>
3	1	Thrust Bearing
5	2	Quad Seal*
6	1	O-Ring
7	1	Retaining Ring
8	4	Hex Head Cap Screw
	1 Tube	CSS800-2, Nipple Grease
	1 Tube	CSS800-1, O-Ring Lube
	0.5 ml	Thread Locker

*Registered Trademark of Minnesota Rubber Co.

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.

NOTE: Please follow your company's safety procedures whenever working on Kadant Johnson rotary joints and read all of the instructions completely before proceeding.

Please refer to the assembly drawings supplied with your Kadant Johnson rotary joint for part identification. If you have any questions, please contact Kadant Johnson.

This procedure is written to ensure maximum possible life expectancy of the journal-inserted rotary joint through proper assembly of critical components. This joint must not be disassembled or reassembled without using a new Quad Seal (5).

DISASSEMBLY:

STEP 1.

Release residual pressure in the system. Close the inlet valve and then disconnect the inlet and outlet piping from the joint.

STEP 2.

Loosen the hex head cap screws (8) and remove the head (2).

STEP 3.

Remove retaining ring (7) and push nipple (4) through body (1) and remove the thrust bearing (3) from the nipple.

STEP 4.

Remove the Quad Seals (5) from the body (1) being careful not to damage the groove they are installed in.

Clean all parts with a solvent and scrubbing pad. Dry thoroughly. Inspect the nipple (4) for wear. If worn through the plating where the Quad Seals run or on the nipple tube, replace the nipple (4).

Inspect the bore of the body and the Quad Seal grooves. Replace body (1) if there is wear in any of these areas.

REASSEMBLY:

STEP 5.

Install two new Quad Seals (5) into the body grooves and coat the body I.D. and the very end of the nipple with c-cast lube CSS800-2.

STEP 6.

Lightly grease the thrust bearing (3) and slide onto the nipple tube (4) until it rests against the nipple's flange.

STEP 7.

Slide the nipple (4) through the body (1).

STEP 8.

Secure the nipple with retaining ring (7).

STEP 9.

Install a new o-ring (6) in body (1). Apply a small amount of clear silicone lube to o-ring.

STEP 10.

Slide head (2) over nipple (4) and body (1).

STEP 13.

Apply "Thread Locker" (Loctite 242) to the threads of the hex head cap screws (8) and install in the head (2), locking it to the body (1).

The rotary joint is now ready for installation on the roll.

Reattach the piping and open the valves. The Kadant Johnson joint is now ready to be placed back in service.

The Kadant Johnson Warranty

Kadant Johnson products are built to a high standard of quality. Performance is what you desire: that is what we provide. Kadant Johnson products are warranted against defects in materials and workmanship for a period of one year after date of shipment. It is expressly understood and agreed that the limit of Kadant Johnson's liability shall, at Kadant Johnson's sole option, be the repair or resupply of a like quantity of non-defective product.



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