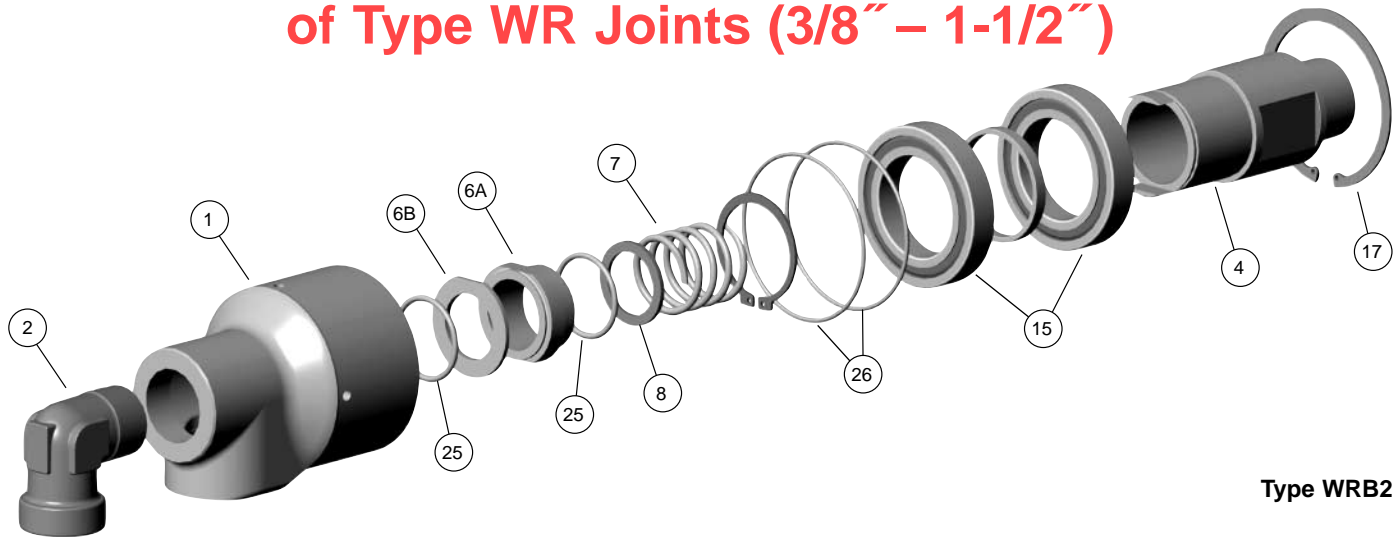


## Disassembly and Repair Instructions of Type WR Joints (3/8" – 1-1/2")



Type WRB2

### REPAIR KITS ARE AVAILABLE CONSISTING OF:

Item #	Qty	Description
6A	1	Seal Ring
6B	1	Counterseat
7	1	Spring
8	1	Follower
25	2	O-Rings
26	2	O-Rings
-	1	O-Ring Lube

**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.

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 your Kadant Johnson Representative or Kadant Johnson.

### DISASSEMBLY:

#### STEP 1.

Close the inlet and outlet valve. Allow the joint to cool sufficiently. Release residual pressure in the system and disconnect the inlet and outlet piping from the joint.

#### STEP 2.

Remove the joint from the roll by unthreading it. If equipped with a horizontal pipe, remove it at this time.

#### STEP 3.

Remove retaining ring (17) using snap ring pliers. Separate body (1) and nipple (4) assembly.

#### STEP 4.

Remove seal ring (6A), o-ring (25), follower (8) and spring (7). Inspect nipple (4) and bearings (15) for excessive wear. If nipple and/or bearings show excessive wear, the entire joint should be replaced. Clean inside of nipple carefully. Do not scratch the o-ring surface. Install new spring (7), follower (8) with chamfered side of follower facing toward spring, seal o-ring (25) and then seal ring (6A).

#### STEP 5.

Remove body o-rings (26), counterseat (6B) and counterseat o-ring (25). Carefully clean the inside of the joint body. Install new body o-rings (26). Apply o-ring lube to the new counterseat o-ring (25). Install counterseat o-ring into groove provided in body. Install new counterseat (6B). Make sure flat sealing surface is clean. Chamfered side of counterseat should face toward counterseat o-ring.

### REASSEMBLY:

#### STEP 6.

Place the nipple (4) on a table or in a vise with threaded end down. Make sure the seal flats are aligned with the nipple flats. Carefully slide the body assembly over the nipple assembly until the body is fully engaged.

#### STEP 7.

While maintaining downward force to hold nipple and body together, turn joint over so that the threaded end of the nipple faces upward. Install the retaining ring (17). Rotate the nipple while holding the body stationary. Nipple should rotate smoothly. Unit is now ready for installation on the machine.

### 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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