



DISMANTLING JOINT

INSTALLATION GUIDE

Before beginning assembly of your Robar Dismantling Joint be sure to confirm that you have received the correct size required and all parts have not been damaged during transport.

1. Inspect all mating flange surfaces for any damage or irregularities that may interfere with the flanges ability to form a long-term seal.
2. Measure the pipe flange for parallelism. As well confirm that the drill pattern on the Robar Dismantling Joint matches the mating flanges.
3. Measure the gap to determine the distance required and confirm the dismantling joints capability.
4. Loosen the coupling bolts on the end ring to “relax” the gasket seal and to allow for easy movement of the flange spigot. Total disassembly of the dismantling joint is not required for installation. Tie rods must be removed for installation.
5. Move the Dismantling Joint into position between the mating flanges.
6. Using the flange bolts, fasten the flanged coupling end of the dismantling joint to one of the mating flanges (flange gasket not required for 7400/7500 series DJ). Depending on the situation it may be necessary to insert the tie rods concurrently with the flange bolts.
7. The Robar 7400/7500 series DJ uses through bolts which act as a flange bolt and as an end ring bolt.
8. Attach the flanged spool to the opposite spool flange. Fasten together with flange bolts (not supplied by Robar). Be sure to place the flange gasket in between the mating flanges prior to inserting flange bolts (not supplied by Robar).
9. The pipe spool piece should have the same center line as the flange coupling body. If not check to ensure both flanges on the dismantling joint are flush with the mating flange ends. At the same time ensure that the coupling gasket is seated properly into the flange coupling body. If needed adjust the gasket so it is seated correctly.
10. Slide the follower ring into position and hand tighten the follower ring bolt and nuts.
11. Insert the supplied tie rods (for restrained application). Each tie rod should have a total of 4 nuts when fully assembled. When inserting the tie rod, thread the nuts into position. The tie rod must pass through the flanges on each end of the dismantling joint. Make sure the tie rod lengths are equal for all rods supplied. Tighten the nuts that secure the flanges. **DO NOT TIGHTEN THE FOLLOWER RING BOLT AND NUTS BEFORE PROPER TORQUE HAS BEEN APPLIED TO THE FLANGE BOLTING)**

Robar recommended Torque		
Bolt Size	Follower Ring Bolts	Flange Bolts
5/8"	70-80 ft-lbs	70-80 ft-lbs
3/4"	80-90 ft-lbs	90-100 ft-lbs
7/8"	90-100 ft-lbs	150-160 ft-lbs

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