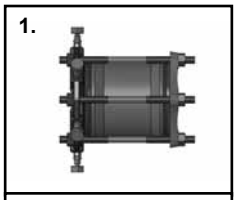
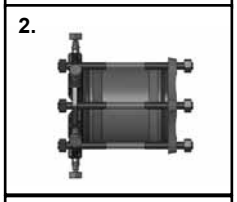
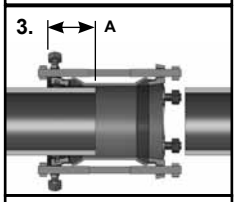
Series RCPMJ

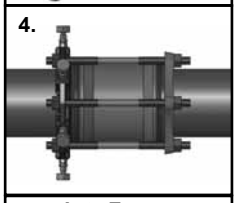
3"-12" Restrained Coupling
for C900, C909, Steel,
IPS (Steel Size) PVC Pipe or SDR 35 Sewer Pipe
(*PVC or Steel Pipe Restraint on one side only.)
The non-restrained side fits ductile iron also.

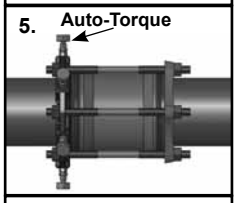
Installation Instructions

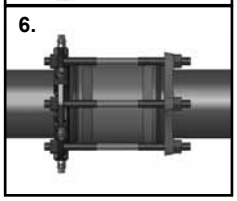












Refer to the FMB website (http://www.fordmeterbox.com) for additional and most recent instructions and product information.

Size	Range (Both Ends)
3"	3.50 - 3.96
4"	4.21 - 4.80
6"	6.27 - 6.90
8"	8.40 - 9.05
10"	10.50 - 11.10
12"	12.50 - 13.20

1. Measure the pipe diameter carefully, making sure the pipe O.D. falls within the range of the RCPMJ. Check to ensure the RCPMJ is not damaged. Thoroughly clean each pipe end to a smooth, bare surface sufficiently longer than the coupling length. Check the pipe surface to ensure the gasket-bearing surface is free from dents, flat spots, or pitted areas that might impair gasket seating. Lubricate both pipe ends with an approved pipe lubricant meeting AWWA C111.

2. For ease of installation on larger OD pipe, it may be helpful to loosen the nuts on both sides of the RCPMJ. Disassembly of the coupling is not required.

Size	"A"
3"	4"
4"	4-5/8"
6"	4-3/4"
8"	4-13/16"
10"	4-7/8"
12"	4-7/8"

3. Stab each pipe end into the RCPMJ coupling. The red restraint should only be used on plastic or steel pipe. Pipe must be inserted into the RCPMJ a minimum distance (see chart) from the gland face. Measure and mark this distance from pipe end as a reference point for proper insertion. Center the coupling between the two pipe ends. The optimum pipe end gap for the RCPMJ coupling is less than 1". Set deflection before tightening rods. (Maximum allowable deflection is 5°.)

4. Tighten the nuts on the tie rods to the torque recommended in AWWA C111 (45-60 ft-lb for 3" and 75-90 ft-lb for 4"-12" sizes). Tighten in an alternating manner, (6 o'clock, 12 o'clock, 9 o'clock, 3 o'clock) maintaining the same gap between the restraint gland and the MJ gland at all points around the RCPMJ sleeve. Repeat the process until all tie rods are within the recommended torque range. Use of a torque wrench is strongly recommended and required to ensure proper torque. It is important to ensure that equal torque has been applied to each tie rod.

5. After correct assembly of the restraint glands, bring all restraint segments in contact with the pipe surface by turning the Auto-Tork actuating screws in a clockwise direction until initial contact is made with the pipe surface.

6. Tighten each Auto-Tork screw approximately 180° (1/2 turn), alternating among screws until the heads twist off. Never turn a single screw more than 180° without alternating to another screw. Note: To re-use or re-install the restraint after the Auto-Tork break-off heads have been removed; tighten the 5/8" hex head of the actuating screw to 60 ft-lbs. Also, while it is not a requirement, it is always a good practice to recheck the tie rod torque prior to backfilling and/or after testing or applying water pressure. Be advised that extreme torque can over stress the coupling components.

***Note: The MJ side of the RCPMJ will not be restrained. The non-restrained side of the RCPMJ also fits ductile iron pipe.**

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