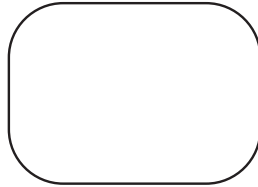


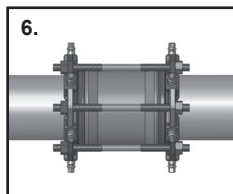
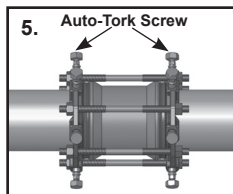
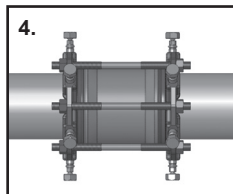
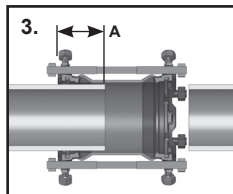
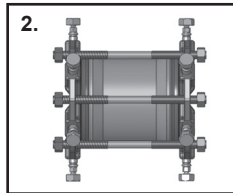
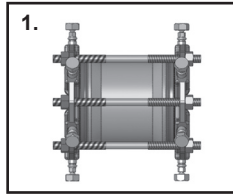
Stop ring must be removed from 4", 6" and 8" sizes for use on steel-sized pipe and SDR 35 Sewer Pipe



## INSTALLATION INSTRUCTIONS RCPP

3"-12" RESTRAINED COUPLING FOR

**C900, C909, STEEL, IPS (STEEL SIZE) PVC PIPE AND 4"-8" SDR35 SEWER PIPE**



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

1. Measure the pipe diameter carefully, making sure the pipe O.D. falls within the range of the RCPP. Check to ensure the RCPP 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 RCPP. Disassembly of the coupling is **not** required.

3. Insert each pipe end into the RCPP coupling. Pipe must be inserted into the RCPP a minimum distance (see chart and illustration) from the restraint 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 gap between pipe end for the RCPP coupling is less than 1". Set deflection before tightening rods. (Maximum allowable deflection is 5°.)

4. Tighten the Tee-head bolt nuts to the torque recommended in the table below. Tighten in an alternating manner, (6 o'clock, 12 o'clock, 9 o'clock, 3 o'clock) maintaining the same gap between the gland and the MJ bell face at all points around the socket. Repeat the process until all bolts are within the recommended torque range. Use of a torque wrench is strongly recommended and required to ensure proper torque.

RECOMMENDED TEE-HEAD BOLT TORQUE (FT-LB)			
NOMINAL PIPE SIZE	PIPE TYPE		
	C900	IPS (ASTM D2241)	C909
3"	45 - 60	45 - 60	Not Applicable
4" - 12"	75 - 95	75 - 95	50

5. After correct assembly of the mechanical joint, bring all restraint segments in contact with the pipe surface by turning the Auto-Tork actuating screws in a clockwise direction.  
**Note:** The 4", 6" and 8" sizes have a removable, supplemental stop-ring installed on each Auto-Tork actuating screw at the factory. On steel-sized pipe and SDR 35 sewer pipe, the supplemental stop ring must be removed.

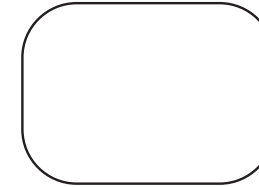
6. Continue tightening the Auto-Tork screws in an alternating manner until the heads twist off.  
**Note:** To re-use or re-install the UFR1500 after the Auto-Tork break-off heads have been removed; tighten the 5/8" hex head of the actuating screw to 65 ft-lb. Although it is not a requirement, it is always good practice to recheck the Tee-head bolt torque prior to backfilling and/or applying water pressure.

SIZE	PIPE O.D. RANGE
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

*MINIMUM PIPE INSERTION	
SIZE	"A"
3"	4"
4"	4-5/8"
6"	4-3/4"
8"	4-13/16"
10"	4-7/8"
12"	4-7/8"

\*Not accounting for beveled, unsquare and/or deflected pipe ends

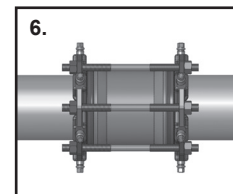
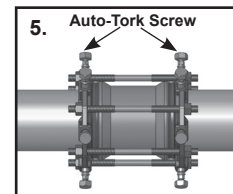
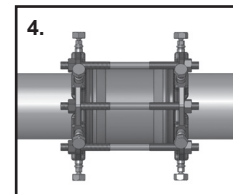
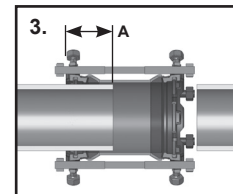
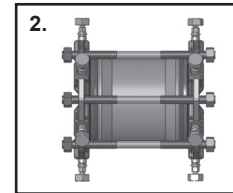
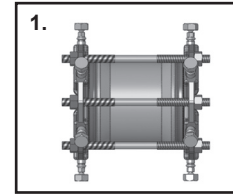
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