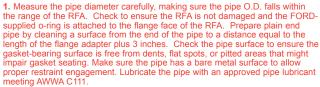


INSTALLATION INSTRUCTIONS **RFAP**

3"-12" RESTRAINED FLANGE ADAPTER FOR (STEEL SIZE) PVC AND **SDR35 SEWER PIPE**

Refer to the FMB website (http://www.fordmeterbox.com) for additional and





4. Tighten the nuts on the tee-head bolts 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 face at all points around the RFA sleeve. 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. It is

important to ensure the same torque has been applied to each tee-head bolt.

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 until initial contact is made with the pipe surface. Note: The 4", 6", and 8" size RFA1500's have a supplemental stop-ring installed on each Auto-Tork actuating screw at the factory. On steel-sized pipe and SDR35 sewer pipe, the supplemental stop-ring must be removed to ensure maximum performance.

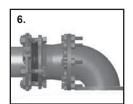
6. Tighten each Auto-Tork screw approximately 180° (1/2 turn), alternating among screws until the heads twist off. Never turn a single screw more than 180° without alternating to another screw. Note: To re-use or re-install the restraint after the Auto-Tork break-off heads have been removed; tighten 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 tee-head bolt torque prior to backfilling and/or after applying water pressure.

4" - 12" MECHANICAL JOINT PETAINER GLAND





* Not accounting for beveled, unsquare or deflected pipe ends



Auto-Tork

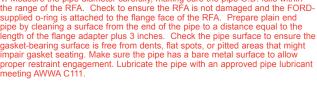
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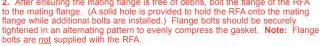
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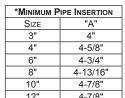
The Ford Meter Box Company, Inc. P.O. Box 443, Wabash, IN 46992-0443 260-563-3171 / FAX: 800-826-3487

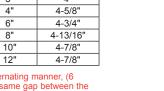
STEEL, C900, C909, IPS (RFAP-3 FOR 3" STEEL SIZE PVC PIPE ONLY)

most recent instructions and product information.

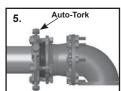


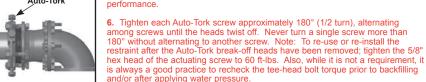










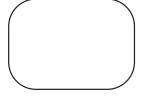


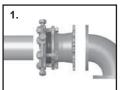




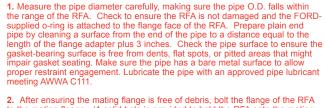


* Not accounting for beveled, unsquare or deflected pipe ends





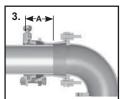
2.



most recent instructions and product information.

2. After ensuring the mating flange is free of debris, bolt the flange of the RFA to the mating flange. (A solid hole is provided to hold the RFA onto the mating flange while additional bolts are installed.) Flange bolts should be securely tightened in an alternating pattern to evenly compress the gasket. Note: Flange bolts are not supplied with the RFA.

Refer to the FMB website (http://www.fordmeterbox.com) for additional and



3. Insert the pipe into the RFA. Pipe must
be inserted into the RFA a minimum distance
(see chart and illustration) from the restraint
face. Measure and mark this distance from pipe
end as a reference point for proper insertion.
Set deflection before tightening tee-head bolts.
(Maximum allowable deflection is 5° on 3"-8" and
3° on 10"-12".)

4. Tighten the nuts on the tee-head bolts to the

torque recommended in AWWA C111 (45-60 ft-lb

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

INSTALLATION

INSTRUCTIONS

RFAP

3"-12" RESTRAINED

FLANGE ADAPTER FOR

STEEL, C900, C909, IPS

(STEEL SIZE) PVC AND

SDR35 SEWER PIPE

(RFAP-3 FOR 3" STEEL SIZE

PVC PIPE ONLY)

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