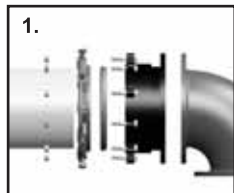
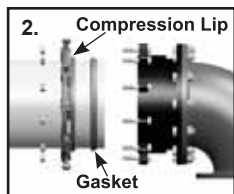




INSTALLATION INSTRUCTIONS RFAP **14"- 36" RESTRAINED FLANGE ADAPTER FOR C905 PVC PIPE**



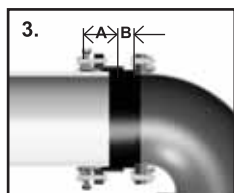
1.



2.

Compression Lip

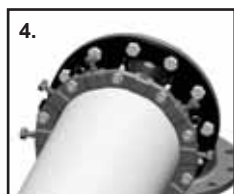
Gasket



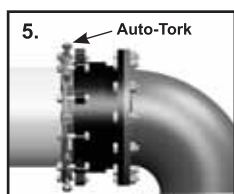
3.

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. Press the gasket firmly and evenly into the gasket recess, push the gland toward the socket. Insert and tighten hex bolts hand tight. Set deflection before tightening hex head bolts. Maximum allowable deflection is 3° for 14"-24", 1° for 30" and 36".

**MINIMUM PIPE INSERTION		Adj.
SIZE	"A"	"B"
14"	6-1/16"	2-1/8"
16"	6-1/8"	2-1/8"
18"	6-1/8"	2-1/8"
20"	6-3/16"	2-1/8"
24"	6-7/16"	2-1/8"
30"	5-5/8"	2-1/8"
36"	6-3/4"	2-1/8"
** Not accounting for beveled, unsquare or deflected pipe ends		

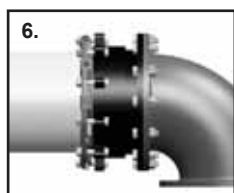


4.



5.

Auto-Tork



6.

4. Tighten the nuts on the hex bolts to the torque recommended in AWWA C111, (75-90 ft-lb. for 14"-24" and 100-120 ft-lb. for 30" and 36". 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 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 hex 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.

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 75 ft-lbs. Also, while it is not a requirement, it is always a good practice to recheck the hex bolt torque prior to backfilling and/or after applying water pressure.

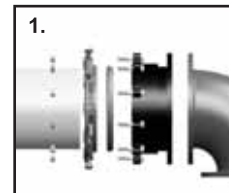
FORD The Ford Meter Box Company, Inc.
P.O. Box 443, Wabash, IN 46992-0443
260-563-3171 / FAX: 800-826-3487
Internet: <http://www.fordmeterbox.com>

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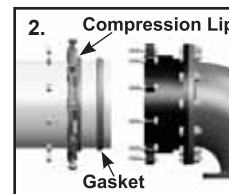
02/12



INSTALLATION INSTRUCTIONS RFAP **14"- 36" RESTRAINED FLANGE ADAPTER FOR C905 PVC PIPE**



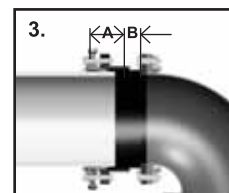
1.



2.

Compression Lip

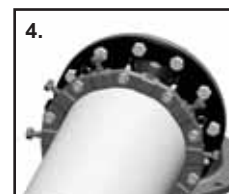
Gasket



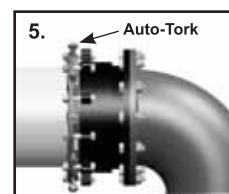
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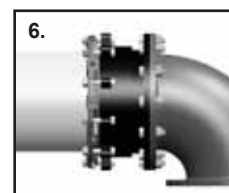


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