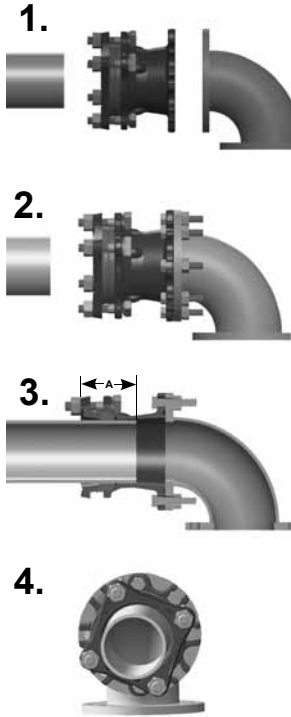




Refer to the Ford website (<http://www.fordmeterbox.com>) for additional and most recent installation instructions and product information.

3"-12" MECHANICAL JOINT FLANGE ADAPTER (MJFA) - INSTALLATION INSTRUCTIONS - FOR DUCTILE IRON, C900, C909, STEEL, IPS (Steel Size) PVC AND SDR 35 SEWER PIPE

CAUTION: MJFA flange adapters do not restrain axial pipe movement. Make sure proper restraint is used if determined a reasonable requirement.



FORM # 91875-99

1. Measure the pipe diameter carefully, making sure the pipe O.D. falls within the range of the MJFA. Check to ensure the MJFA is not damaged and the FORD-supplied o-ring is attached to the flange face of the MJFA. Prepare plain end pipe by cleaning a surface from the end of the pipe to a distance equal to the length of the flange adapter plus 3 inches. Check the pipe surface to ensure the gasket-bearing surface is free from dents, flat spots, or pitted areas that might impair gasket seating. Remove any burrs. Lubricate the pipe with an approved pipe lubricant meeting AWWA C111.
2. After ensuring the mating flange is free of debris, bolt the flange of the MJFA to the mating flange. (A solid hole is provided to hold the MJFA 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 MJFA.
3. Insert the pipe into the MJFA. Pipe must be inserted into the MJFA a minimum distance (see chart and illustration) from the gland 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 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 gland and the MJ face at all points around the MJFA 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.

*MINIMUM PIPE INSERTION	
SIZE	"A"
3"	3-7/8"
4"	4-3/8"
6"	4-5/8"
8"	4-11/16"
10"	4-11/16"
12"	4-11/16"

* Not accounting for beveled, unsquare or deflected pipe ends



The Ford Meter Box Company, Inc.

775 Manchester Avenue, P.O. Box 443, Wabash, Indiana, USA 46992-0443
Telephone: 260-563-3171 FAX: 800-826-3487 Overseas FAX: 260-563-0167
<http://www.fordmeterbox.com>

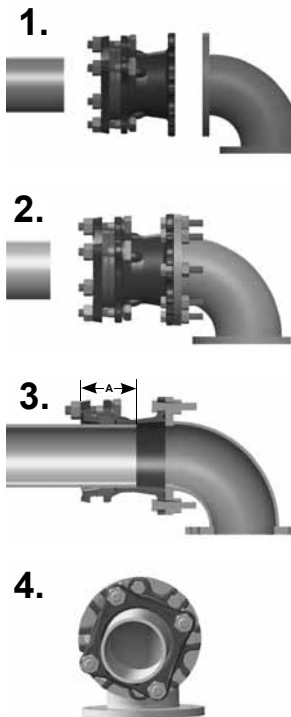
03/12



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

3"-12" MECHANICAL JOINT FLANGE ADAPTER (MJFA) - INSTALLATION INSTRUCTIONS - FOR DUCTILE IRON, C900, C909, STEEL, IPS (Steel Size) PVC AND SDR 35 SEWER PIPE

CAUTION: MJFA flange adapters do not restrain axial pipe movement. Make sure proper restraint is used if determined a reasonable requirement.



FORM # 91875-99

1. Measure the pipe diameter carefully, making sure the pipe O.D. falls within the range of the MJFA. Check to ensure the MJFA is not damaged and the FORD-supplied o-ring is attached to the flange face of the MJFA. Prepare plain end pipe by cleaning a surface from the end of the pipe to a distance equal to the length of the flange adapter plus 3 inches. Check the pipe surface to ensure the gasket-bearing surface is free from dents, flat spots, or pitted areas that might impair gasket seating. Remove any burrs. Lubricate the pipe with an approved pipe lubricant meeting AWWA C111.
2. After ensuring the mating flange is free of debris, bolt the flange of the MJFA to the mating flange. (A solid hole is provided to hold the MJFA 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 MJFA.
3. Insert the pipe into the MJFA. Pipe must be inserted into the MJFA a minimum distance (see chart and illustration) from the gland 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 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 gland and the MJ face at all points around the MJFA 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.

*MINIMUM PIPE INSERTION	
SIZE	"A"
3"	3-7/8"
4"	4-3/8"
6"	4-5/8"
8"	4-11/16"
10"	4-11/16"
12"	4-11/16"

* Not accounting for beveled, unsquare or deflected pipe ends



The Ford Meter Box Company, Inc.

775 Manchester Avenue, P.O. Box 443, Wabash, Indiana, USA 46992-0443
Telephone: 260-563-3171 FAX: 800-826-3487 Overseas FAX: 260-563-0167
<http://www.fordmeterbox.com>

03/12