



# BOALINQ Flange Coupling Adapter Installation Instructions

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



## CAUTION

- BOALFCA flange adapters do not restrain axial movement of pipe. Ensure proper restraint is applied when required.
- BOALFCA flange adapters are designed to float on pipe ends and are not designed to support the pipe. Block and shim as necessary.
- DO NOT disassemble or completely loosen bolts and nuts from coupling end ring.

## INSTALLATION INSTRUCTIONS

1. Measure the outside diameter of pipe end to ensure pipe is within the coupling range. Remove the inner gasket if pipe is within the larger range.

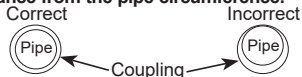
Size	Total Range	Range - As Shipped	Range-Remove Inner Gasket
4"	4.25-5.63	4.25-5.00	4.92-5.63
6"	6.42-7.68	6.42-7.05	7.01-7.68
8"	8.54-9.84	8.54-9.17	9.13-9.84
10"	10.70-12.00	10.70-11.37	11.33-12.00
12"	12.40-13.66	12.40-13.03	12.99-13.66

2. Thoroughly clean 7" from pipe end to a smooth, bare sealing surface for full gasket contact. Keep the pipe and flange adapter components free from debris. Ensure the pipe end is free of sharp edges and burrs.

3. Bolt the BOALFCA flange adapter to the companion flange using an appropriate gasket. Flange bolts should be tightened in an alternating pattern to evenly compress gasket.

4. Stab pipe end into the flange adapter. For ease of installation, it may be necessary to loosen the nut when assembling on larger O.D. pipes. Disassembly of the flange adapter is not required. **NOTE: Do not lubricate the pipe OD or the gasket.**

**Block and shim pipe ends and flange adapter as needed to ensure that the coupling remains at an equal distance from the pipe circumference.**



5. Pipe must be inserted a minimum of 2-1/4" into flange adapter.

6. Tighten the coupling bolt to the recommended torque shown in the table below. Use of a torque wrench is highly recommended and required to ensure proper torque.

Recommended Bolt Torque	
Nominal Coupling Size	Torque
4" - 8"	60 ft-lb
10" and 12"	75 ft-lb

7. Restrain if necessary. Pressure test and recheck bolt torque before backfilling. If a leak develops during testing, recheck bolt torque. Be advised that extreme torque can over stress coupling components.

\* When installing on HDPE pipe, follow the insert recommendations and precautions stated on Ford® website installation instruction form #91929-99.

\* **NOTE: In installations where rapid or excessive surges may occur or extreme thrusts are encountered (e.g., near pumps or 90° bends), tie rods or additional thrust restraints are recommended.**



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