

Installation Instructions

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Ductile Iron Service Saddle with Stainless Straps

STEP 1

Inspect the shipment to ensure no damage has occurred during transit or storage and that no hardware is missing. Ensure the received saddle is the proper type, tap size, and correct pipe size range for the installation prior to beginning.

STEP 2

Clean the pipe surface thoroughly, particularly in the area where the gasket will seat. Remove any scale, dirt, or debris that could affect the gasket seal.

STEP 3

Check the gasket for proper positioning in the saddle body. If necessary, properly position the gasket in the saddle body.

STEP 4

Lubricate the pipe surface and gasket(s) using a soap and water solution (anti-freeze may be required). All lubricant solutions should meet the requirements of the water and pipe supplier.

STEP 5

Mount the saddle body (with gasket in place) as close to the final tap position as possible.

STEP 6

Install the saddle straps, washers, and nuts.

STEP 7

Before tightening, check the position of the saddle body to ensure correct orientation on the pipe. Do not move the saddle body while on the pipe. This can damage the gasket resulting in product failure.

NOTE:

Use of this product on PLASTIC PIPE is limited to the following:

1. 6.63" – 12.75" Steel O.D. PVC Pipe with a standard dimension ratio (DR) of 26 or thicker.
2. 6.90" – 13.20" Cast/Ductile Iron O.D. C-900 PVC Pipe Class 150 rating or better (DR18).

Do not use on fiberglass reinforced plastic pipe, plastic irrigation pipe, or plastic pipe other than sizes and types mentioned above.

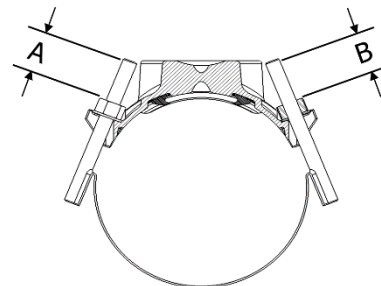
STEP 8

Tighten the nuts progressively and uniformly to the recommended torque value below. **DO NOT OVER TORQUE**. Bolt lengths A & B must be kept equal. See figure below.

NUT SIZE	TORQUE VALUE*
ALL	50 to 60 ft-lb MAX

Use of a calibrated torque wrench is recommended!

**The torque requirements above are only intended to provide an effective seal between the saddle gasket and the pipe. The saddle assembly is not designed to provide structural rigidity for connections, equipment, or any other alternative use of the saddle assembly.*



STEP 9

Make the connection to the saddle boss. Use a good quality pipe thread compound that is both a lubricant and sealant (also called pipe dope, paste, etc.). Do not use tape type products! Use a thread compound that meets the requirements of the water supplier. Do not cross thread or twist/rock the saddle body while making the connection.

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