



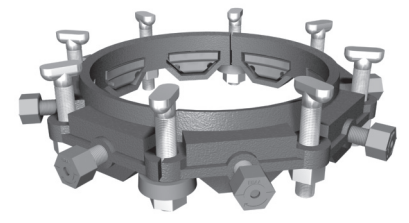
# Series 2004SV

Restraint for Existing IPS OD PVC  
Pipe at Mechanical Joint Fittings

## Installation Instructions

The EBAA Iron Series 2000SV is designed for restraining existing PVC pipe at mechanical joint fittings or other appurtenances. (This product is not intended for use as a restraining anchor in the mid span of a pipe.)

1. Identify the pipe. The 2000SV is for use with PVC pipe. The 4 inch through 12 inch size may be used on C900-07, and IPS PVC pipe. Check to see if the spacers under the screws are in place. If the pipe is C900-07 or is ductile iron O.D., proceed with spacers in place. If the pipe is IPS O.D., remove the spacers. Since 3 inch restraints are only used with one pipe diameter, no spacers are used.
2. Clean and clear the existing joint. Replace the existing gasket with a field cut gasket if necessary. Lubrication and additional cleaning should be provided by brushing the gasket and the plain end with soapy water or an approved pipe lubricant meeting the requirements of ANSI/AWWA C111/A21.11.
3. Remove the clamps from the split gland. Loosely assemble the halves on the pipe by installing the T-bolts. Hand tighten everywhere except at each split.
4. Assemble each clamp so that the angled surfaces of the clamp mate with the angled surfaces on each side of the split. Insert the long T-bolts (provided) through the clamps and hand tighten.
5. Tighten the T-bolts. Tighten the bolts to the normal rang of bolt torque [45-60 ft-lbs for 3 inch and 75-90 ft-lbs for 4 inch through 12 inch] while at all times maintaining approximately the same distance between the gland and the face of the flange at all points around the socket. This can be accomplished by partially tightening the bottom bolt first, then the top, next bolt at either side, finally the remaining bolts. Repeat the process until all bolts are within the appropriate range of torque. The use of a torque indicating wrench will facilitate this procedure.
6. Tighten the torque limiting twist off nuts in a clockwise direction (direction indicated by arrow on top of nut) until all wedges are in firm contact with the pipe surface. Continue tightening in an alternate manner until all of the nuts have twisted off.
7. If reassembly is required, assemble the joint in the same manner as above; tighten the wedge bolts to 70 ft-lbs.



## CONTENTS

Qty.	Description
1	4 in. 2000SV Split MEGALUG®
1	4 in. EBAA-Seal Gasket
3	3/4 x 3½ in. T-Bolts w/ Nuts
1	Gasket Lubrication Packet

## Restraints Made in The USA

For use on water or wastewater pipelines subject to hydrostatic pressure and tested in accordance with either AWWA C600 or ASTM D2774

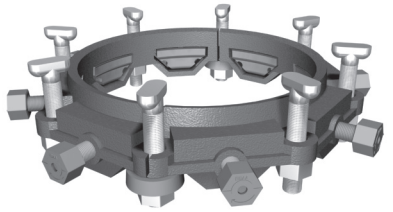
APPROXIMATE SHIPPING WEIGHT: 13.52 lbs.

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