



# EZ-MAX<sup>®</sup> REPAIR CLAMP

## WIDE-RANGE CLAMP (40mm - 600mm)



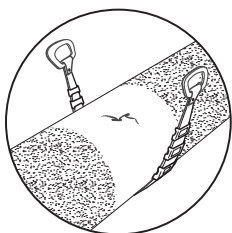
### INSTALLATION INSTRUCTIONS

DO NOT DISASSEMBLE THE COUPLING. DO NOT LUBRICATE THE BOLTS.

#### GENERAL INSTRUCTIONS:

EZ-MAX IS A FLAT GASKET REPAIR CLAMP THAT REPAIRS HOLES AND LONGITUDINAL CRACKS IN PIPES. EZ-MAX IS NOT RECOMMENDED FOR USE ON SHEER BREAKS OR TO CONNECT PIPES.

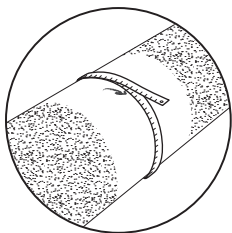
##### STEP 1



Thoroughly clean and de-scale the pipe surface where the clamp is to be installed. The pipe surface should be free of dirt, corrosion and debris.

**NOTE:** Except steel, PVC, and PE pipes, all rough-surfaced pipes must be lubricated with a water-based gasket lubricant in order to achieve a proper seal.

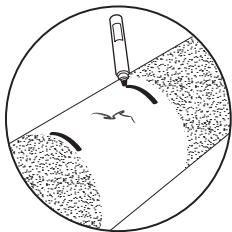
##### STEP 2



Measure the pipe TWICE using an OD tape. Select the appropriate clamp to fit the outside diameter of the pipe. Unpack it carefully.

**NOTE:** Bolts are pre-lubricated with a dry coating. Do not lubricate bolts/nuts. Greasing or field lubricating bolts/nuts voids warranty.

##### STEP 3



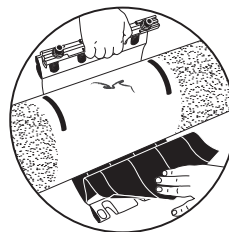
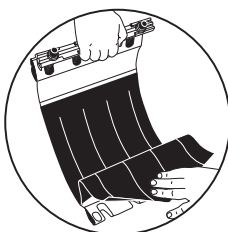
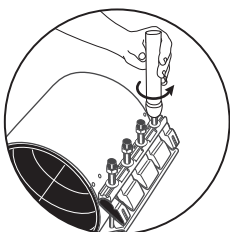
Mark the pipe an even distance from the break or leak according to the length of the EZ-MAX.

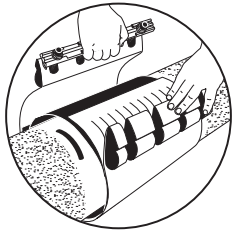
##### STEP 4

In sizes 40-300mm loosen EZ-MAX nuts but do not disassemble completely. Grasp the nut side compression beam, and unlatch it from the lug. While positioning the nut side compression beam, open up the clamp fully.

**NOTE:** In sizes 350mm and up there are 2 closing mechanisms. When installing these sizes you open one mechanism only partially and use it as an axis while opening the EZ-MAX fully from the other side.

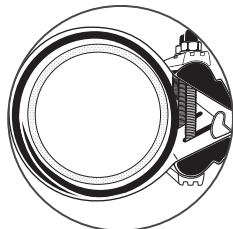
Wrap the EZ-MAX around the pipe.



**STEP 5**

Center the EZ-MAX over the leak or damaged section of pipe till it covers the marks (step 3). Fully rotate the clamp around the pipe by pulling the nut side compression beam over, underneath, and back around the pipe.

**NOTE:** The EZ-MAX has sufficient range to be assembled next to the damaged area and slide over the break as long as the pipe has been lubricated with a water-based lubricant.

**STEP 6**

Once the EZ-MAX is positioned around the pipe, re-engage the nut side compression beam over the lug assembly by pushing it downward until it clicks in place TWICE.

**NOTE:** After the first click you can still slide the EZ-MAX over the pipe to its desired position, and then click again to its second and final position.

**STEP 7**

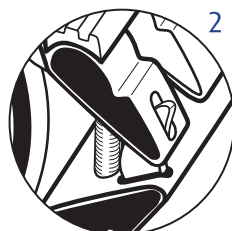
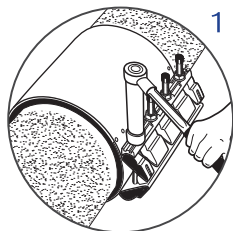
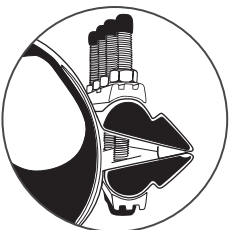
Make sure the tapered end of the gasket is on the surface of the pipe and is smoothly positioned in place.

**STEP 8**

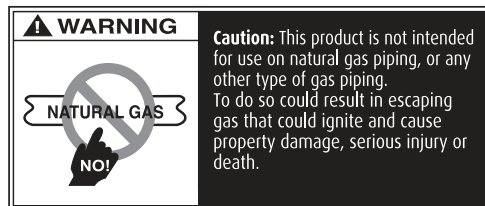
Tighten all nuts working from the center of the lug outward. If you are installing an EZ-MAX size 350mm and up, cross-tighten evenly on both mechanisms. Re-check that proper torque has been reached.

**NOTE:** Use of torque wrench is mandatory. The torque wrench will verify the proper torque has been achieved.

**NOTE:** Make sure the alignment teeth (drawing 2) are fully engaged in the slots on the opposite lug. Tighten all nuts to the recommended torque as directed on the product label for each clamp size. Ensure nuts are tightened as evenly as possible.

**STEP 9**

Recharge the line and check for leaks. If any leakage across the seal end is evident, reduce the pressure in the line and increase the labeled torque of the bolts up to 20%.

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