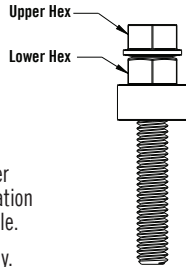




A.Y. McDonald Mfg. Co.

## Hinged Saddle Instructions

- Saddles should be installed after pipe pressure testing is completed.
- Use only on PVC pipe.
- Make sure you have proper type and size of saddle for pipe. Reference pipe diameter range, tap size and identification located on each hinged saddle.
- Clean pipe surface thoroughly.
- DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
- Mount saddle on pipe with outlet facing desired direction.
- McDonald hinged saddles are NOT designed to bottom out. Tighten until the TITAN™ bolt's UPPER hex head breaks off. Saddle will be installed at proper torque.
- If bolt needs to be loosened, use LOWER hex head. Re-tighten using LOWER hex head to **9-11 FOOT-POUNDS**. (approx. 9 to 11 lbs pull on a 12" wrench)
- Overtightening can cause failure of saddle, bolt or hinge pin.
- McDonald hinged saddles are designed to withstand water working pressure up to but not exceeding the working pressure rating of the pipe up to 200 PSIG maximum. **Use only on a cold water service.**
- Saddle testing should be accomplished while services are exposed and prior to backfilling.



NOTE: Do not use TITAN™ bolts on saddles that do not have them installed from the factory.



Scan the QR code for the installation video.

**WARNING:** It is unlawful in CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014) to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.

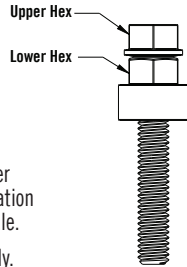
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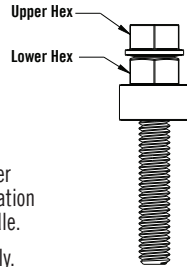
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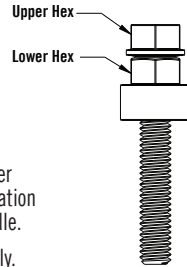
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