

# A.Y. McDonald Mfg. Co.

## Hinged Saddle Instructions

1. Saddles should be installed after pipe pressure testing is completed.
2. Use only on PVC pipe.
3. 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.
4. Clean pipe surface thoroughly.
5. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
6. Mount saddle on pipe with outlet facing desired direction.
7. McDonald hinged saddles are **NOT** designed to bottom out. Tighten bolts to the following torques:  
**3/4" and 1" thread size outlets:**
  - 2", 2 1/2", 3" pipe - 4 - 5 FOOT-POUNDS.**  
(approx. 4 to 5 lbs pull on a 12" wrench)
  - 4", 6", 8" pipe - 5 - 6 FOOT-POUNDS.**  
(approx. 5 to 6 lbs pull on a 12" wrench)**1 1/2" and 2" thread size outlets:**
  - 3", 4" pipe - 5 - 6 FOOT-POUNDS\*.**  
(approx. 5 to 6 lbs pull on a 12" wrench)
  - 6", 8" pipe - 7 - 9 FOOT-POUNDS\*.**  
(approx. 7 to 9 lbs pull on a 12" wrench)

\*Be sure to alternate tightening of the 2 bolts to ensure even loading.
8. **Overtightening can cause failure of saddle, bolt or hinge pin.**
9. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
10. 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.**
11. Saddle testing should be accomplished while services are exposed and prior to backfilling.



**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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