

A.Y. M^cDonald Mfg. Co.

2 PIECE SADDLE INSTRUCTIONS

1. Saddles should be installed after pipe pressure testing is completed.
2. Use only on PVC pipe. Make sure you have proper type and size of saddle for pipe. Reference pipe diameter, tap size and identification located on each saddle.
3. Make sure saddle sealing surface on the pipe is clean, free of "nicks", gouges, or other imperfections that could cause leakage.
4. DO NOT use Vaseline[®], plumber's grease, or any other petroleum based product on seals or o-rings.
5. Place saddle outlet and strap around pipe and attach together loosely using capscrews into tapped holes. Then rotate the saddle into desired position.
6. **A.Y. McDonald saddles are NOT designed to bottom out.** Alternating between each bolt, tighten to the following torques:

FOR 3/4" AND 1" THREAD SIZE OUTLETS:

2", 2-1/2", and 3" pipe - 4 - 5 FOOT-POUNDS.

(approx. 4 to 5 lbs. pull on 12" wrench)

4", 6", and 8" pipe - 5 - 6 FOOT-POUNDS.

(approx. 5 to 6 lbs. pull on 12" wrench)

10" and 12" pipe - 24 - 26 FOOT-POUNDS.

(approx. 24 to 26 lbs. pull on 12" wrench)

FOR 1-1/2" AND 2" THREAD SIZE OUTLETS:

4" and 6" pipe - 13 - 15 FOOT-POUNDS.

(approx. 13 to 15 lbs. pull on 12" wrench)

8" pipe - 17 - 19 FOOT-POUNDS.

(approx. 17 to 19 lbs. pull on 12" wrench)

10" and 12" pipe - 24 - 26 FOOT-POUNDS.

(approx. 24 to 26 lbs. pull on 12" wrench)

7. **Overtightening can cause failure of saddle or bolt.**
8. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
9. McDonald 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.

10. Saddle testing should be accomplished while services are exposed and prior to backfilling.



WARNING: Beginning January 1, 2010, it is unlawful in CALIFORNIA and VERMONT 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 the state of CALIFORNIA.



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