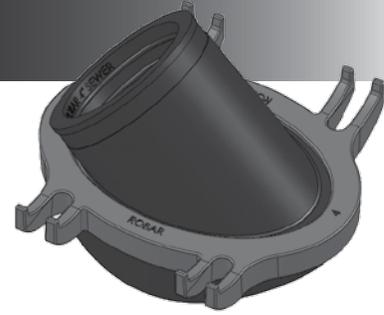




3506 SEWER SADDLE

INSTALLATION GUIDE



Nominal Branch Size	Branch Type	Branch O.D.	NOMINAL MAIN SIZE	MAIN WORKING RANGE	GASKET TYPE MARKINGS	CASTING TYPE MARKINGS	STRAP LENGTH
4"	PVC Sewer	4.125	6" – 10"	6.27" – 12.75"	4.215 or 4.5 (Branch)	4L	36"
	PVC	4.5			6" – 12" (Nominal)		
	PVC Sewer	4.125	12"	12.75" – 14.40"	4.215 or 4.5 (Branch)	4	48"
	PVC	4.5			6" – 12" (Nominal)		
	PVC Sewer	4.125	14" – 24"	14.40" – 25.80"	4.215 or 4.5 (Branch)	4	96"
	PVC	4.5			14" – 48" (Nominal)		
	PVC Sewer	4.125	24" – 48"	24" – 48"	4.215 or 4.5 (Branch)	4	192"
	PVC	4.5			14" – 48" (Nominal)		

1. Ensure that you have the correct sewer saddle body, casting, and strap length for your required branch pipe diameter. Check their markings against the above chart.
2. Cut a 40 degree hole in the pipe using the sewer saddle hole jog cutter or jig saw using the provided 4" 3506 Cutting Template.
3. Apply ample lubrication onto the main pipe sealing surface of the saddle before placing the saddle on the pipe. During placement of the saddle ensure the main pipe sealing surface of the sewer saddle body is clear of the hole cut in the pipe. You may find it useful to mark reference points on the pipe as to where the saddle should sit during placement.
4. Install the straps. Ensure that both nuts on each of the studs are close to the beginning of the threads on the bolt. Leaving 1/2" to 1" is considered good practice. Wrap the strap around the pipe by first hooking the bolt on the casting fingers. Move the adjustable bolt assembly into position while leaving as much thread for tightening possible.

ROBAR INDUSTRIES LTD.

Surrey, British Columbia
Phone: 1-800-663-6553

Saint-Bruno, Quebec
Phone: 1-800-315-9525

Website: www.robarindustries.com / E-mail: waterworks@robarindustries.com



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5. At this point fold the strap back towards the inside of the strap, which causes the free end to become wedged between the pipe and strap. In some cases it may be necessary to fold the strap over again.
6. Tighten the saddle straps down only enough to prevent the saddle from moving during the branch installation.
7. Insert the chamfered branch pipe end. Once the branch pipe end has been fully inserted into the saddle body, the band clamp can be tightened. Sparingly use lubricant to install the branch pipe end.
8. Tighten the nuts on all straps evenly in a crisscross pattern; the desired torque for 6"-10" nominal main sizes is 15-20 ft-lbs, and the desired torque for 12" 48" nominal main sizes is 20-25 ft-lbs. If significant pipe deflection occurs the nuts have been over-torqued.
9. For pressurized systems ensure that the branch pipe is adequately supported & blocked to prevent the branch from popping out of the rubber boot.
10. Pressure test prior to back filling.

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