

## MODEL 3460-WYE SEWER CONNECTION



Quality control department **SAFETY FIRST** - Always use cave in protection, gloves, sturdy work boots and eye protection when tapping pipe

### GENERAL NOTES:

- Use cave-in protection during excavation and backfill operations.
- Verify Pipe O.D. to make certain that the correct tapping wye is being installed.
- Keep bolt threads clean and free from nicks, dents or other damage.
- If conditions permit, mark the pipe for a reference point to properly position the tapping wye.
- Before start, the installer shall determine the suitability of the product for his intended use and the installer assumes all risk and liability for the application of the product.

### OTHER INFO:

- **FOR SS BOLTS:** To avoid galling during installation, the threads **MUST BE KEPT CLEAN AND FREE FROM DAMAGE**. The fitting should not be thrown around or otherwise be abused, i.e. stored on truck without box, dropped from top of ditch, etc. A deep socket and torque wrench is recommended.
- When certain that all seals are leak tight, proceed with the tapping operation.
- No pilot bit needed. The branch will guide the sewer cutter along its path.

RECOMMENDED TORQUE	
Bolt Diameter	Torque (ft-lb)
5/8"	70-100
3/4"	100-140
1"	140-200



1 Thoroughly clean the pipe so surface is smooth and free of dirt and other debris.



2 Check the main outside diameter (OD) and confirm that it falls within the tapping wye pipe OD range.



3 Lubricate pipe, O-Ring or hydro twin gasket with soap/water solution. Do not use grease or pipe lubricant.



4 Position the top half of wye on pipe making sure outlet is properly aligned with branch-line to be connected. Never position so that rotation of wye is required.



5 Position back half of wye behind the top half.



6 Install bolts, washers and nuts. Tighten maintaining an even gap distance between the bolt lugs on both sides of the wye. Nuts must be tighten in the order shown in the image.

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Begin tightening bolts in sequence, beginning at the ends of the sleeve and alternating on both sides. The gap between the two halves must be of equal distance when sleeve is fully tightened.

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Tighten both top and bottom bolts evenly, alternating from one side of the wye to the other . Torque according to the specifications. Wait approximately 5 minutes to allow the gasket to fully compress and then re-tighten bolts.



### PRE-INSTALL CHECKLIST:

#### DID YOU:

- Clean pipe surface thoroughly? [Y] [N]
- Check O.D. of pipe with measuring tape? [Y] [N]
- Lubricate the Pipe with Dishwashing Soap? [Y] [N]
- Verify Proper Torque Required? [Y] [N]

#### WARRANTY CHECKLIST (\*):

- Date of Installation \_\_/\_\_/\_\_
- Time of Installation \_\_\_\_\_ [AM] [PM]
- (PowerSeal recommends torquing in 25 ft-lb increments) \* Torque Applied: \_\_\_\_\_ ft-lbs
- Was standard re-torquing applied 5 minutes after reaching torque requirements? [Y] [N]
- Was an even gap between top and bottom shell maintained while torquing the nuts in sequence? [Y] [N]

Signature of On-Site Leadman: \_\_\_\_\_

**\* Must be completed on day of installation to Validate Warranty**

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