

Installation Instructions for the Intraflow Inside Drop

Tools needed: *Hammer*
Hammer Drill
½" Drill Bit
Adjustable wrench
Plumb Bob
Drill w/Standard screwdriver end
Hand Saw or Abrasive Saw

Installation components for up to 11 ft.:

Inlet Top Section w/ inspection hood: 2 ea. ½"x 7" wedge anchor bolts
Intermediate Body Section (7ft.) 6 ea. ½"x 7" wedge anchor bolts
Transition Section without Bracket: 2 ea. ½"x 7" wedge anchors
Sweep 90 degrees: 1 ea. Gasket for Inlet pipe
Bullseye Gasket

Caution: *Do not drill 8" above or below the manhole joint.*

Note: *Anchors will be used a minimum of 2-3 feet apart depending on how many intermediate body sections are used.*

Installation Procedure:

Step 1] *Measuring from the Inlet pipe's centerline (12:00 position), mark and cut the pipe 3 1/2" from the inside diameter of the manhole wall.*

Step 2] *Plumb bob from the inlet pipe's centerline, down the manhole wall, and mark the wall for alignment in future steps.*

Step 3] *Place the transition section and sweep in the bottom of the manhole. Position the sweep to direction of flow, and rest on the bench.*

Step 4] *Position the center of the transition section with sweep attached and along the centerline marked in step #2, mark holes where wedge anchor will be placed. Attach transition section to concrete wall, using the 1/2" x 7" wedge anchors, one on each side.*

Step 5] *Measure the distance from inlet pipe invert to the bench, subtract 4 ft, and this is the length of the intermediate body section required. Cut the 7 ft intermediate body section to the nearest foot at the recessed "neck" area, (ie. 1,2,3,4,5 or 6 foot length). Anchor intermediate body section to the manhole using one 1/2" x 7" concrete wedge anchor every 2-3 feet, on each side.*

Step 6] *Punch out the appropriate size hole on the Bullseye gasket, ie(6" hole for 6" pipe) and slip remaining gasket over the inlet pipe.*

Step 7] *Place the telescoping bottom of the top inlet section into the intermediate section and center the top inlet section, over the inlet pipe, in the inlet hole. Anchor into place using the 1/2" x 7" anchor bolts. Tighten the bolts so the pipe inlet section is against the manhole wall.*

Step 8] *Place inspection hood lid on top of inlet section.*