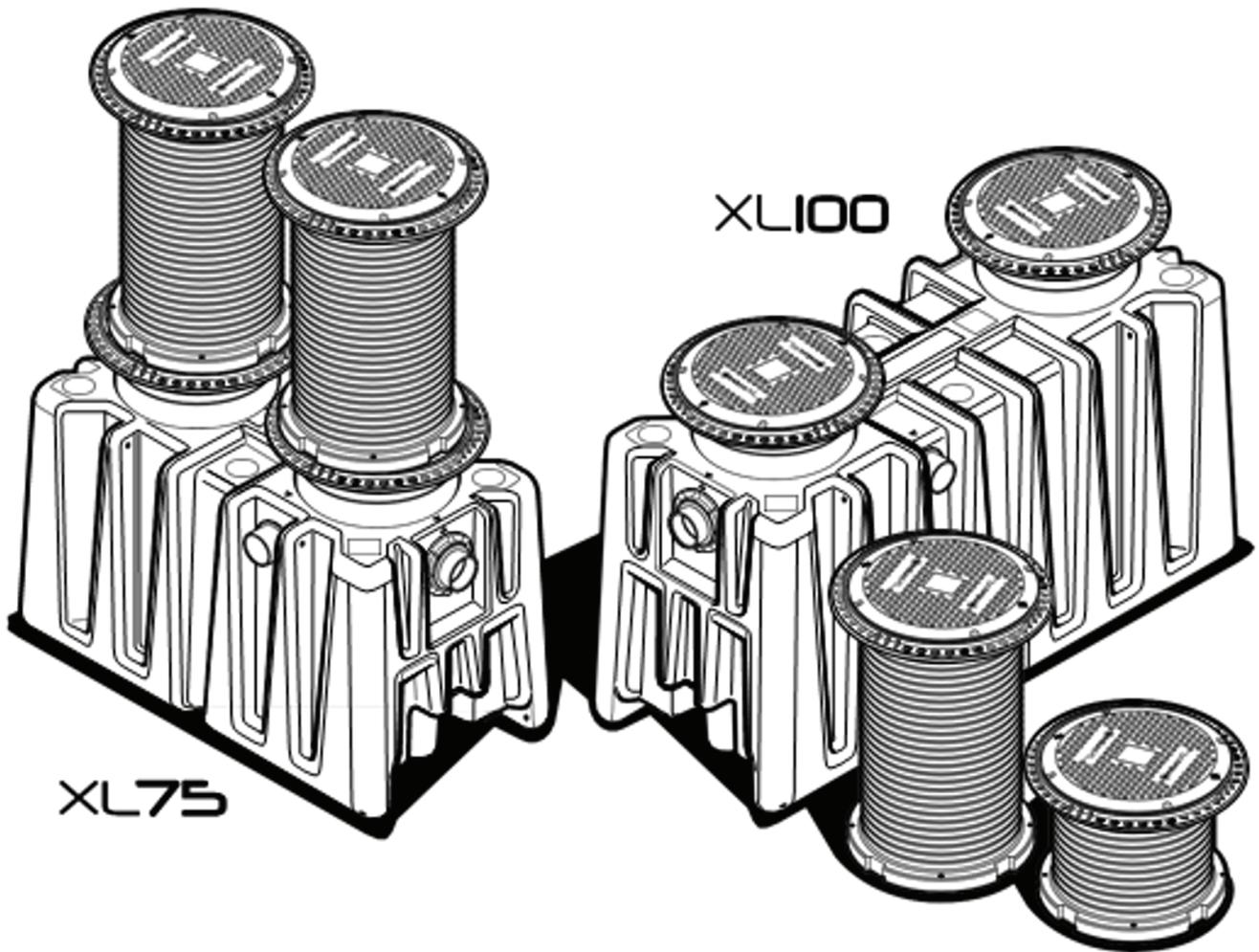
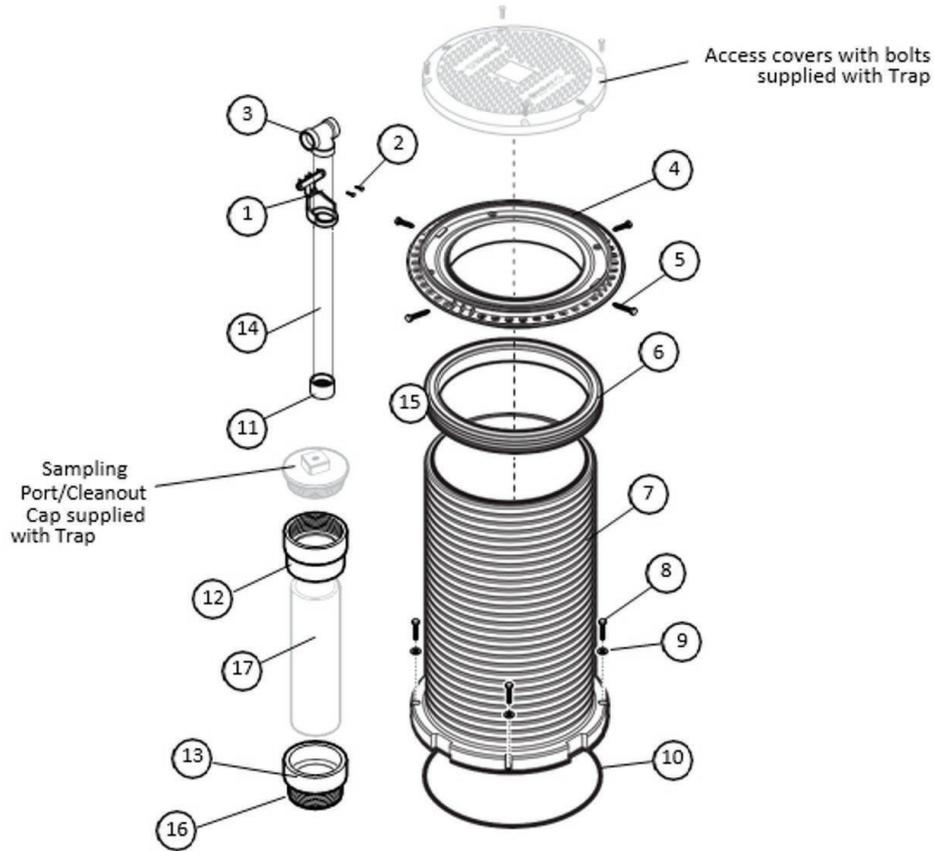


enduraXL Grease Trap



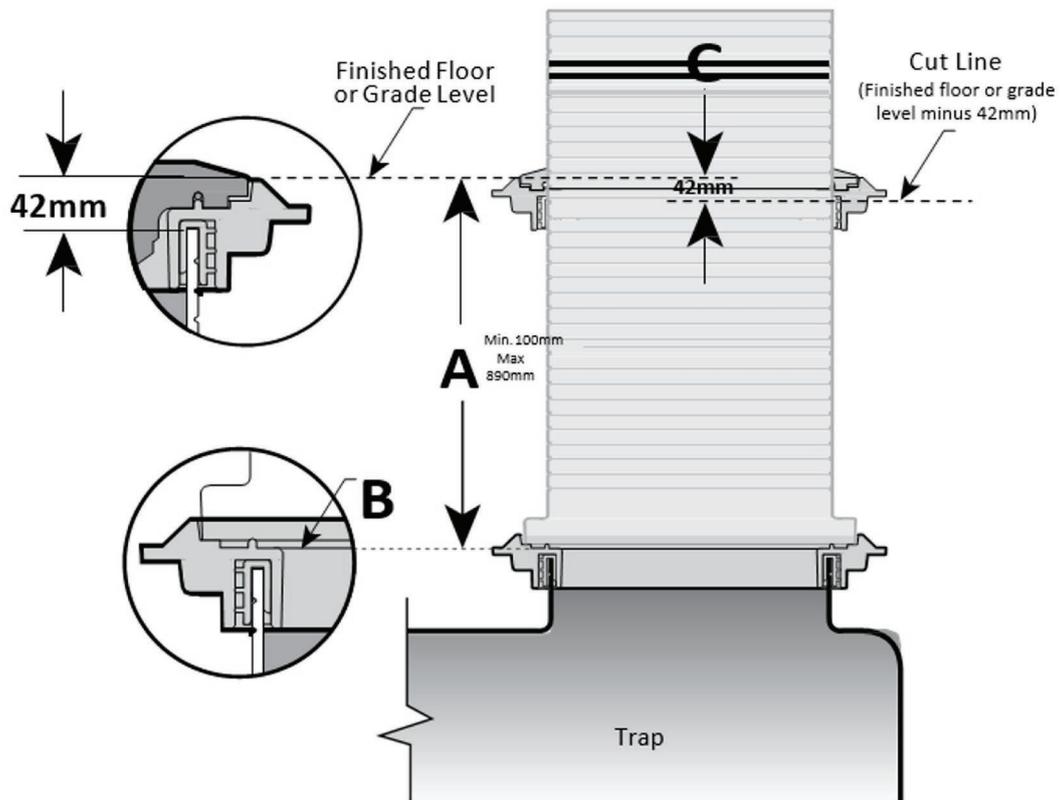
Riser Extensions INSTALLATION GUIDE

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Parts Overview

ITEM #	DESCRIPTION	QUANTITY	CODE
1	Handle Pipe Support Hoop	1	
2	1/4" x 1" Lag Screws – Stainless Steel	2	
3	Handle Extension Tee	1	
4	Frame	1	
5	5/16" x 1 1/2" Hex Head Lag Screw – Stainless Steel	8	
6	Frame Gasket	2	
7	890mm Riser Extension	2	DGTR880
8	457mm Riser Extension	2	DGTR450
9	5/16" – 18NC x 2 1/2" Hex Head Bolt – Stainless Steel	8	
10	5/16" Fender Washer – Stainless Steel	8	
11	1 1/2" Handle Extension Adaptor	1	
12	Female Adaptor Sewer – H x FPT	1	
13	Male Adaptor Sewer – H x MPT	1	
PARTS PURCHASED SEPARATELY			
14	1 1/2" ABS or PVC DWV Pipe		
15	Standard Silicone Pipe Lubricant (For use on Riser gaskets item # 6)		
16	Teflon/PTFE thread sealing tape (for use on item # 13)		
17	SDR35 Sewer Pipe (required if extending sampling port)		

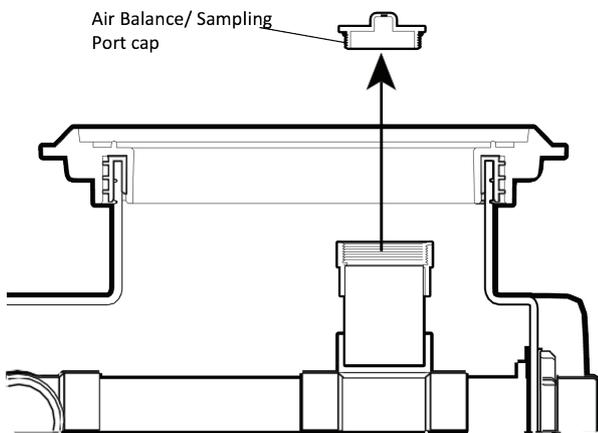


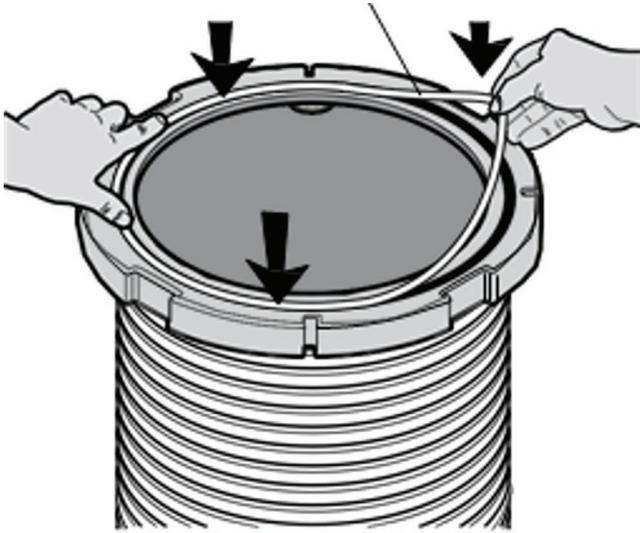
Step 1

Install level and secure the trap. Remove access covers(s) and set aside for re-fitting when extension riser assembly has been completed.

Also, remove the air balance/sampling port cap and likewise set aside for later re-fitting. **Note: This cap is an essential component to the operation of the Grease Trap and must be re-used in assembly (see step 12).**

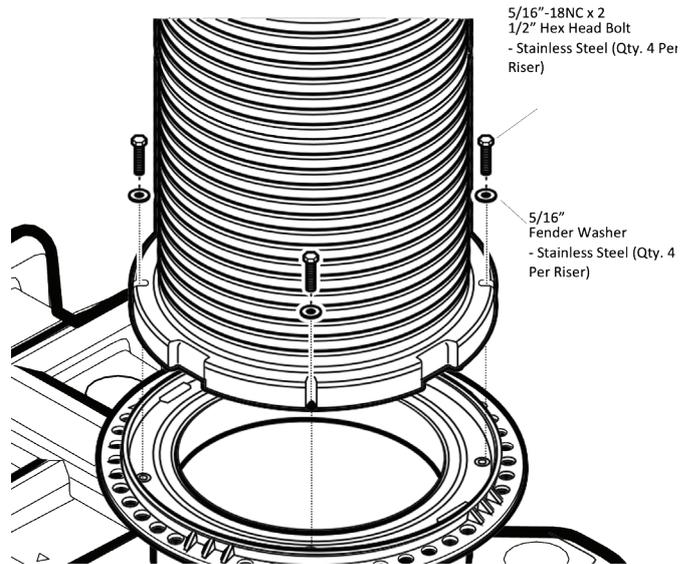
1. Determine the finished floor or grade level desired accounting for surface finishes. Measure from the inside horizontal surface of the trap frame (B) to the finished floor or grade level (A).
 2. Subtract 42mm (C) to determine trim cut on riser
- › Each DGTR880 Riser Extension can be used to provide 100 – 890mm of height extension.
 - › Each DGTR450 Riser Extension can be used to provide 100 – 457mm of height extension.





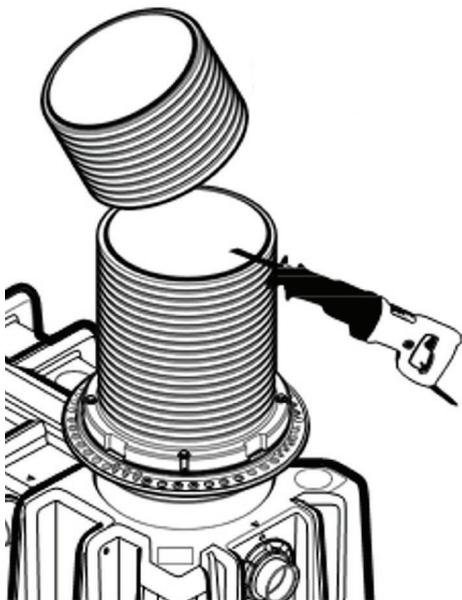
Step 2

Turn the riser over so that the bottom of the flange is facing upwards. Fit the orange flange gasket supplied (Item # 10) into the seal channel.



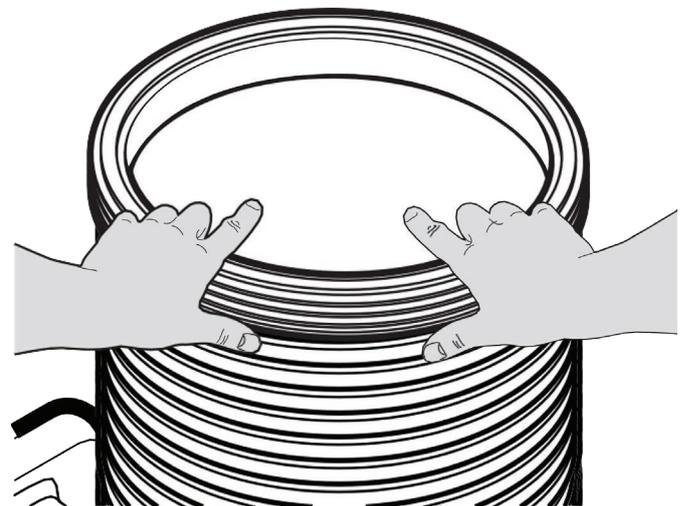
Step 3

With the flange gasket in place, locate the riser extension into the trap frame, ensuring that the gasket stays in position until mated with the extension frame. Visually align the bolt locations and secure the riser using the 4 bolts (item #8) supplied.



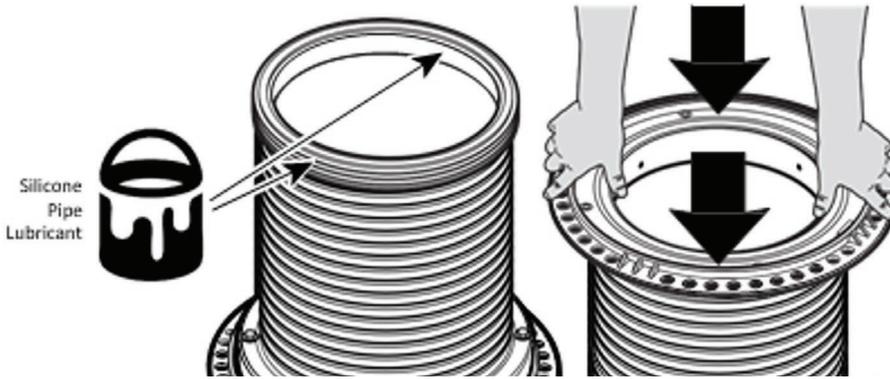
Step 4

With the riser extension in place, confirm your dimensions again (see step 1) and when verified, cut the riser extension to length using the moulded rings to guide a level cut. Prepare the cut edge to receive the frame gasket by removing any rough or loose burrs as a result of cutting.



Step 5

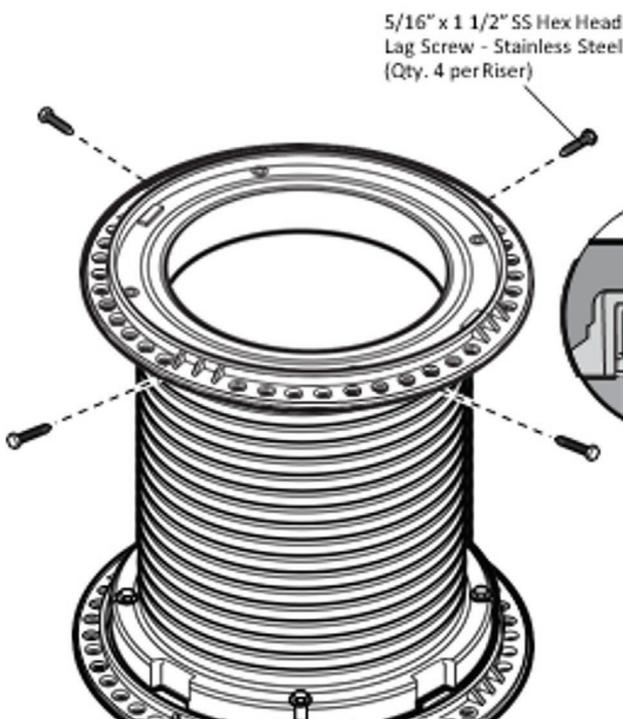
Take the extension frame gasket (item #6) and fit it over the upper edge of the riser. Push down firmly all around to ensure it is fully seated.



Step 6

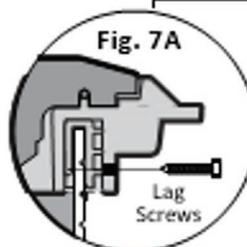
Using a silicone pipe lubricant (purchased separately) lubricate the seal on all external surfaces. Position the frame (item #4) on top of the seal and press down with firm even pressure so that the frame becomes fully engaged over the gasket.

If installing a second riser repeat steps 1 – 6.



Step 7

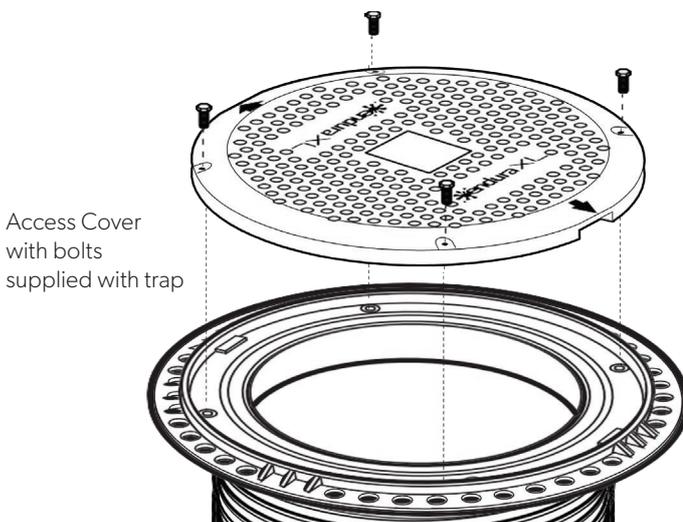
With the extension(s) in place, confirm your finished levels for a final time. Up to 12mm of levelling adjustment can be made by moving the frame relative to the seal. Be sure to check your level of both the individual frames and also between the inlet and outlet risers.



For stability during backfilling and to fix the desired position, secure the frame(s) to the riser using the lag screws (Item #5) supplied through holes in Frame as shown in Fig. 7A.

A firm pressure and low torque setting is recommended to prevent stripping out the thread that will be cut in the riser by driving in the bolts.

A leak test is recommended at completion of each level of extension riser installation. This will require both the inlet and outlet connections of the trap to be sealed using a test ball or equivalent means. The risers can now be filled to the respective uppermost frame to verify water-tightness.

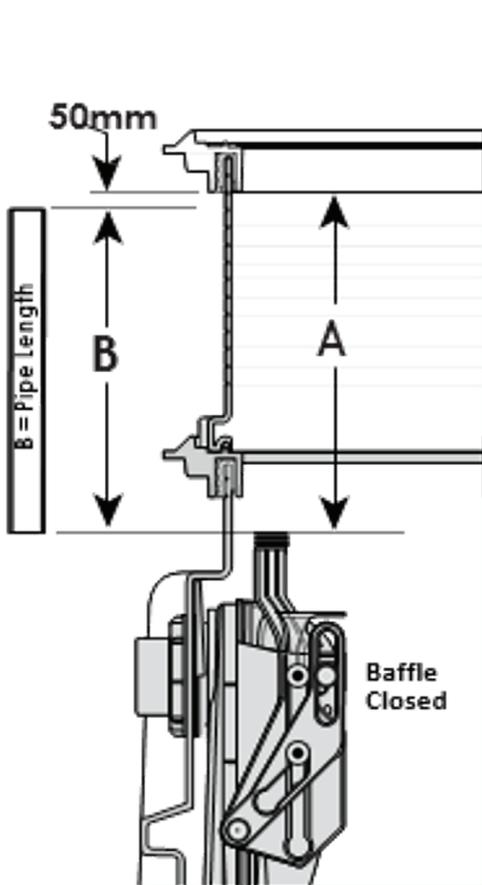


Re-install the covers to the frame.

Protect the cover and frame with cardboard or plastic during the backfill process to keep dirt and debris out.

Inlet Baffle – Handle Extension

To maintain the function and accessibility of the dynamic inlet baffle when buried below grade, an extension of the pull handle is made using standard 1 1/2" Sch. 40 DWV fittings (supplied) and PVC or ABS pipe (purchased separately). The tee and female adaptor required are supplied as part of the Riser Extension Kit (DGTR880/DGTR450).



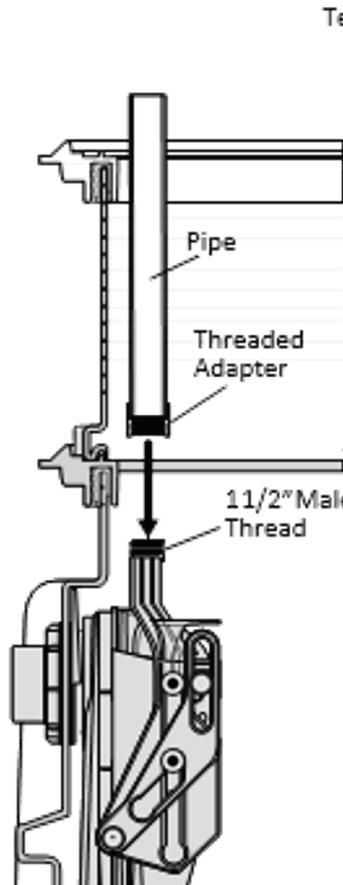
Step 9

With the Inlet Baffle in the closed position, measure the distance from the top of the threaded connection on the handle to the lower edge of the uppermost frame (dimension **A**).

Subtract 50mm from dimension A. Cut your 1 1/2" pipe at the calculated length (dimension **B**).

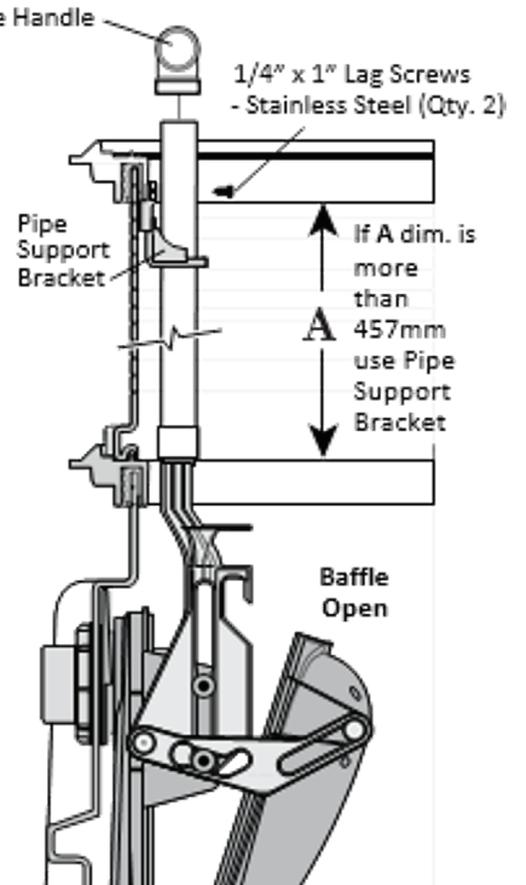
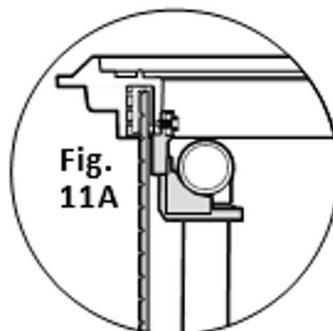


Warning! Take care when solvent welding. Do not allow excess cement to run or drip downward as this could damage or partially bond parts of the baffle assembly together.



Step 10

Solvent weld the female threaded adaptor (supplied) to the end of the pipe. Pass the pipe vertically into the riser assembly and screw the adaptor onto the male thread on the top of the pull handle.



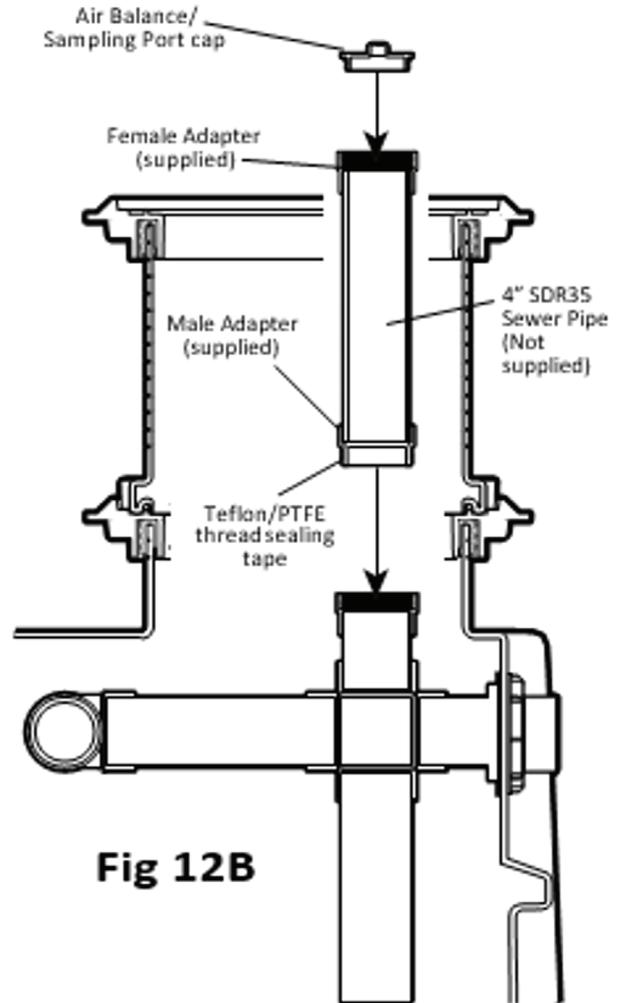
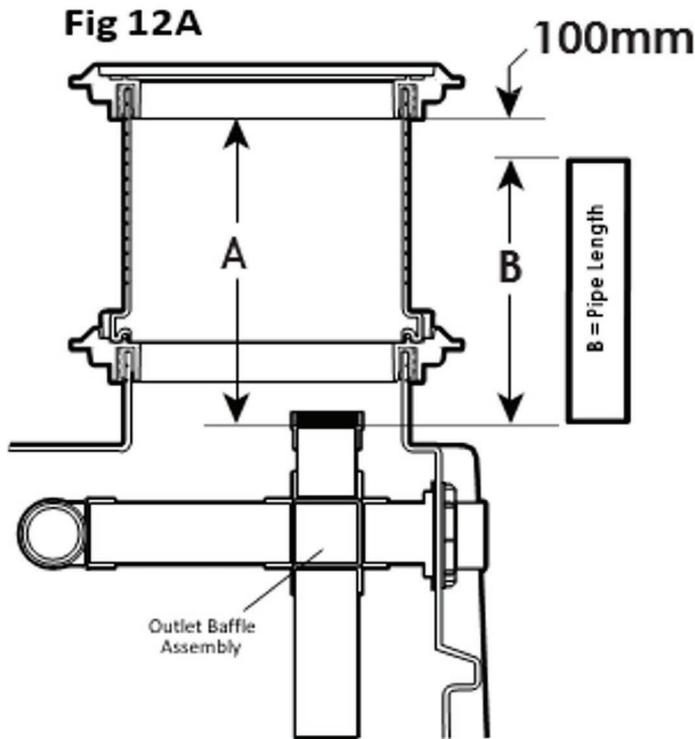
Step 11

When extending the handle more than 457mm, the pipe support bracket (item #1) is required to provide stability for the extended handle.

Slip the oval hoop over your pipe extension and secure it at the lower edge of the respective frame as shown (Fig. 11A) using the 1" Lag Screws supplied. Once installed you should have a 19mm stub of pipe above the support bracket hoop.

Pull upward on the extension pipe to open the baffle. When in the open position, solvent weld the vent tee supplied (item #3) onto the top of the pipe.

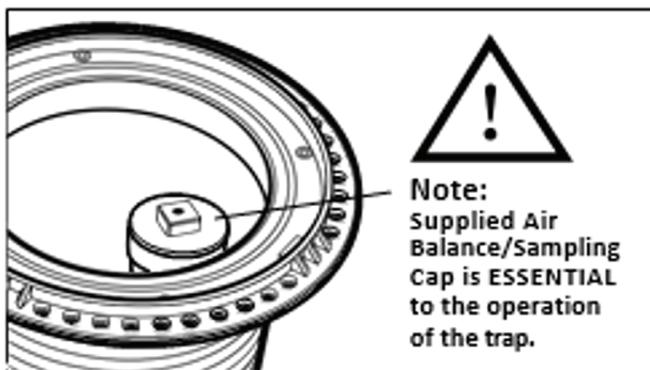
When closed, the hub of the vent tee will sit immediately above the top surface of the pipe support hoop, the inlet baffle being fully closed and locked.



Step 12

Sampling/Air Balance Extension

The outlet baffle assembly is constructed with supplied SDR35 sewer pipe and fittings.



This assembly includes the Air Balance/Sampling Cap which is ESSENTIAL to the operation of the trap. When installing a Riser Extension (full or partial) it is necessary to extend and then relocate this important fitting.

Fig 12A

Remove the Outlet Air Balance/Sampling Port Cap supplied with your trap and set aside for re-installation.

Measure the distance from the bottom of the female threaded socket, to the bottom edge of the uppermost frame (A). Subtract 102mm from this dimension and cut your SDR pipe (B).

Fig 12B

Solvent weld the male adaptor (supplied) and female adaptor (supplied) on to the ends of the cut pipe.

With the male thread on the lower end, align and thread in the pipe extension assembly, using Teflon/PTFE thread sealing tape to ensure an airtight connection.

Take the threaded Air Balance/Sampling Port Cap and tighten into the Female Adapter.

Ensure that when fully tightened and the Cover is installed that there is at least 12mm (Max 50mm) of clearance between the bottom of the cover and the top of the Air Balance/Sampling Port cap.