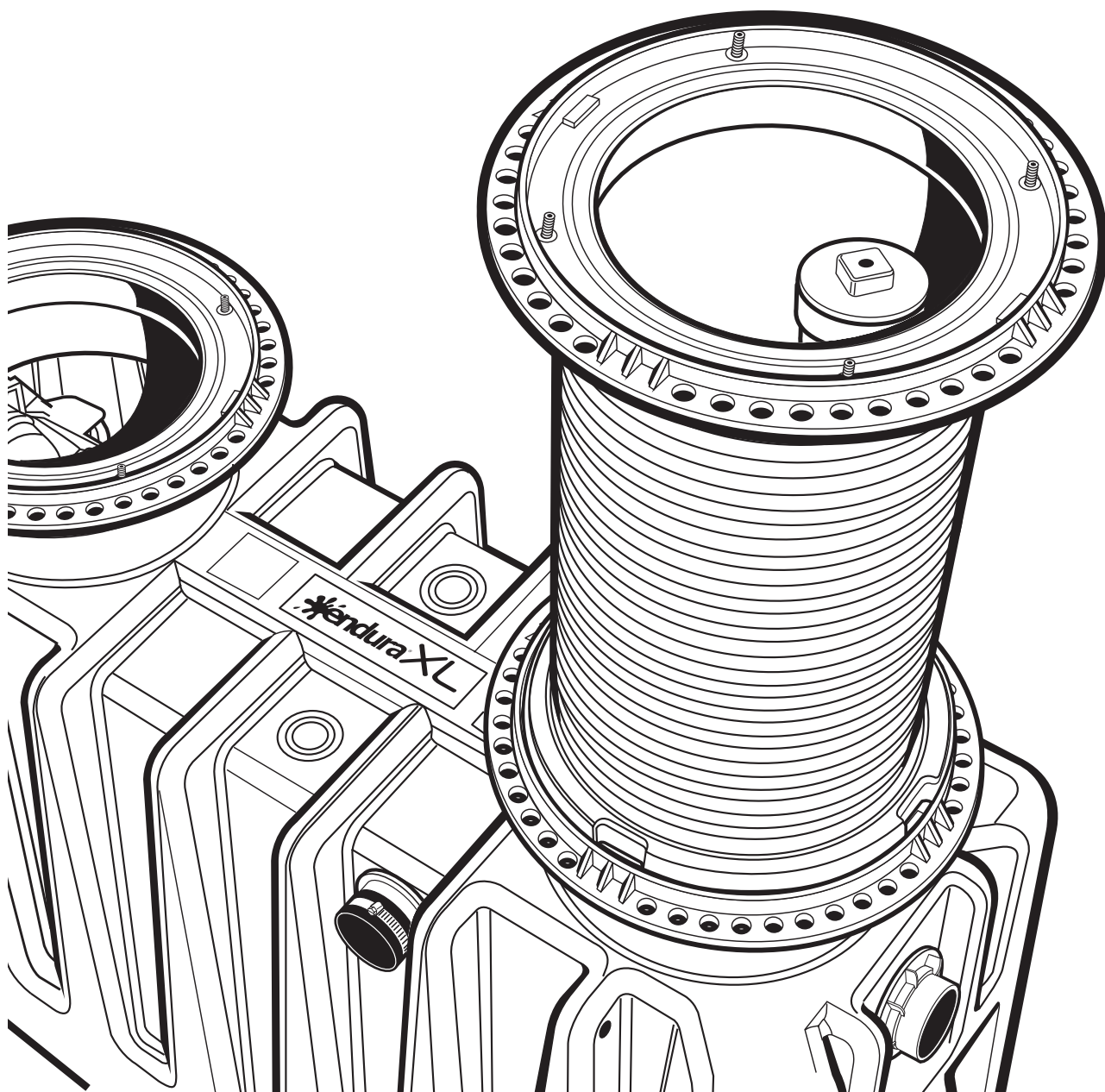
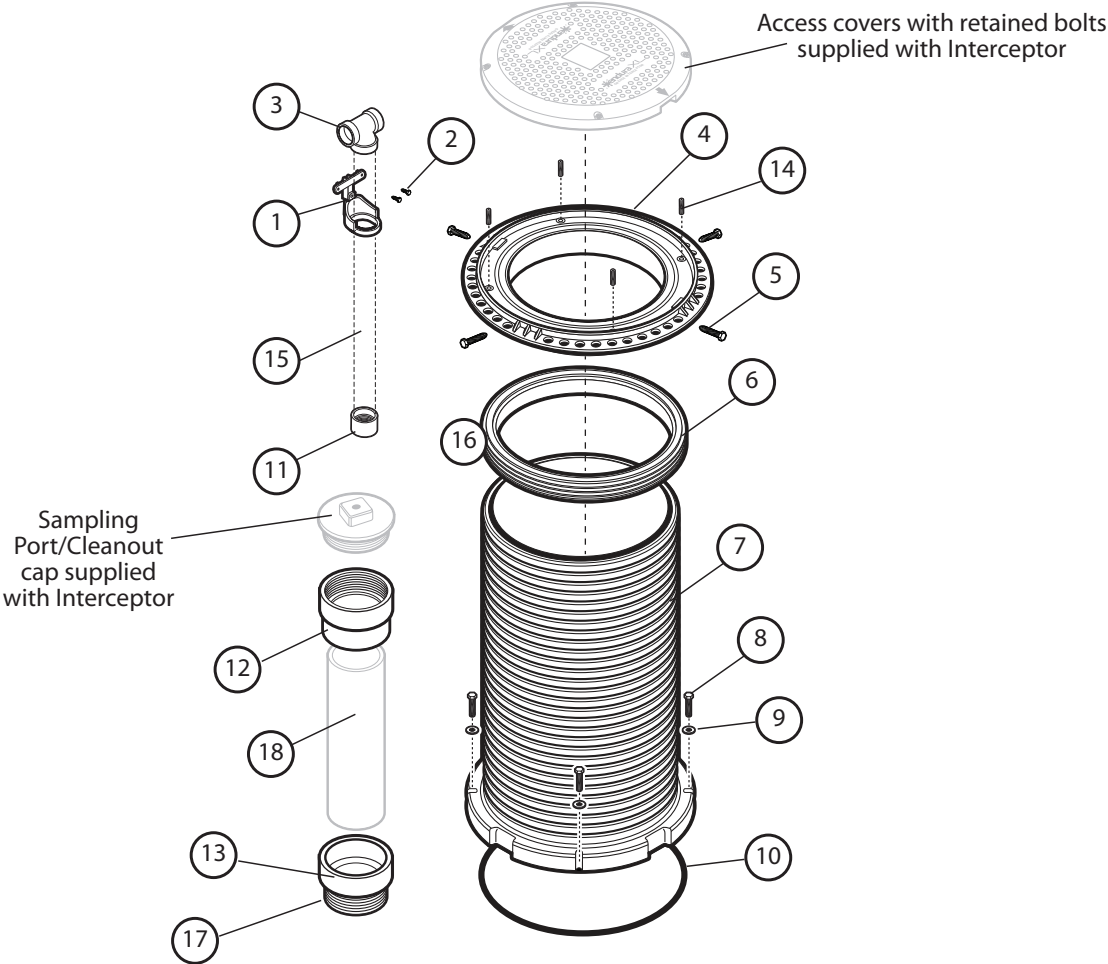


enduraXL **Grease Interceptor**



Riser Extension INSTALLATION GUIDE 40100AX35 / 40100AX18



Parts Overview

40100AX35 / 40100AX18 Riser Extension Kit			
Item #	Description	Qty	Part #
1	Handle Pipe Support Hoop	1	40100X35-3
2	1/4" x 1" Lag Screws - Stainless Steel	2	40100X35-7
3	Handle Extension Tee	1	102101
4	Frame	2	40100-3
5	5/16" x 1 1/2" SS Hex Head Lag Screw- Stainless Steel	8	40100-9
6	Frame Gasket	2	40100-5
7	35" Riser Extension	2	40100X35-1
	18" Riser Extension	2	40100X18-1
8	5/16"-18NC x 2 1/2" Hex Head Bolt - Stainless Steel	8	40100X35-5
9	5/16" Fender Washer - Stainless Steel	8	40100X35-6
10	Flange Gasket (Orange)	2	40100X35-2
11	1 1/2" Handle Extension Adapter	1	102891
12	Female Adapter Sewer - H x FPT	1	414334BC
13	Male Adapter Sewer - H x MPT	1	414344BC
14	5/16 - 18 x 1.5" Socket Set Screw with blue Loctite	8	40100-42

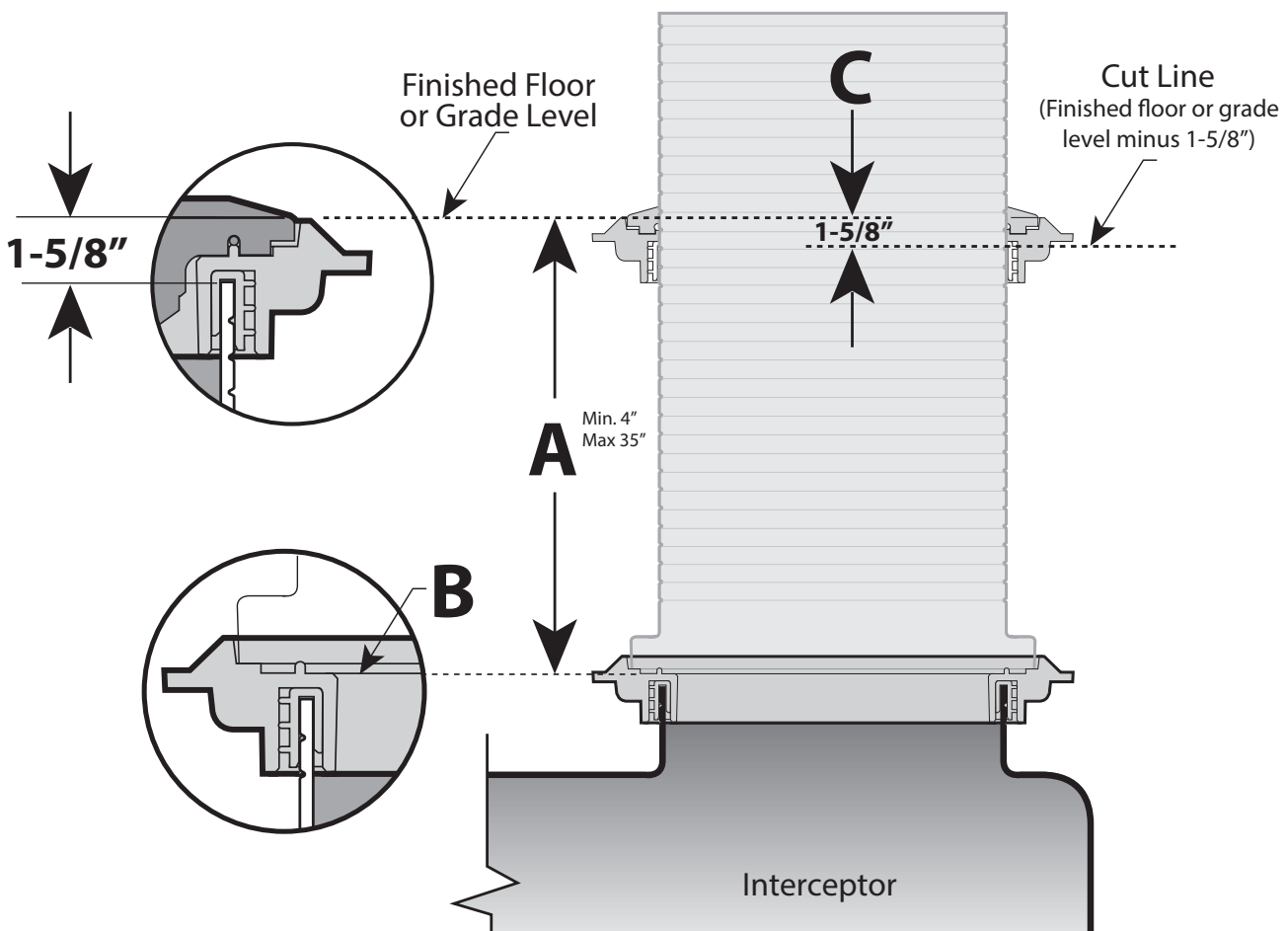
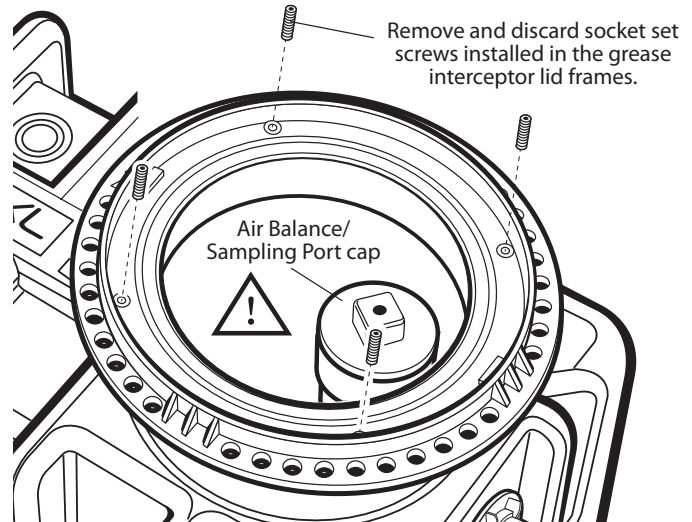
Parts Purchased Separately	
15	1 1/2" ABS or PVC DWV pipe
16	Standard Silicone Pipe Lubricant (For use on Riser Gaskets item #6)
17	Teflon/PTFE thread sealing tape (For use item #13)
18	SDR35 sewer pipe (Required if extending Sampling port)

Step 1

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

With a 5/32" hex bit, remove the 4 socket set screws from each lid frame and discard.

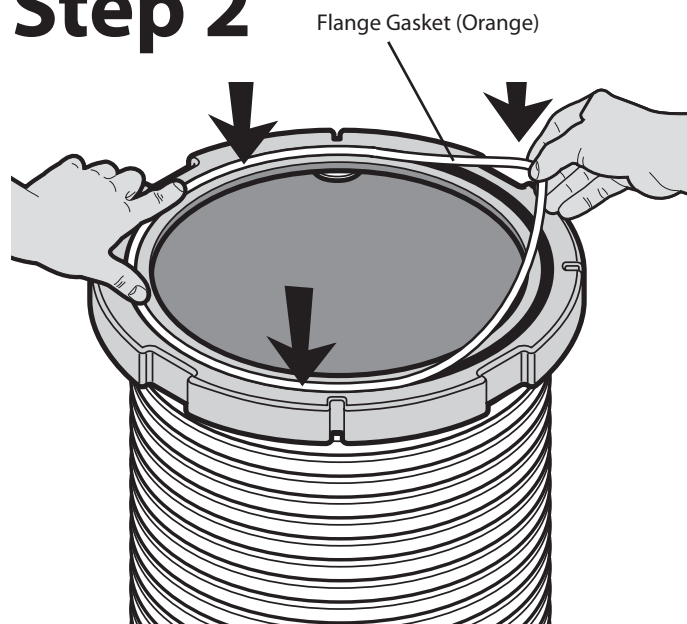
Also, remove the Air Balance/Sampling Port cap and likewise set aside for later re-fitting. **Note: This cap is ESSENTIAL to the operation of the interceptor and must be reused in assembly (see Step 12).**



1. Determine the finished floor or grade level desired, accounting for surface finishes. Measure from the inside horizontal surface of the interceptor frame (B) to the finished floor or grade level (A).
2. Subtract 1-5/8" (42mm) (C) to determine trim cut on riser.

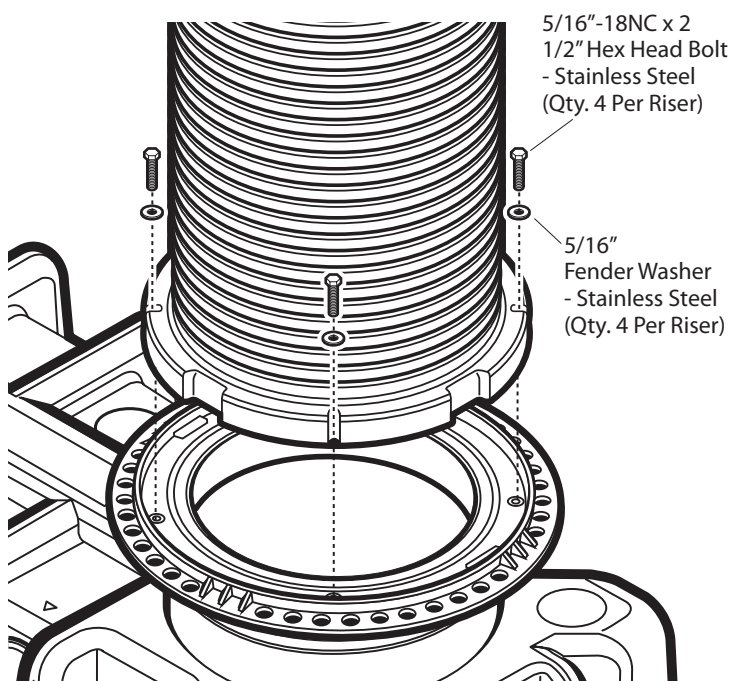
- Each AX35 riser extension can be used to provide from 4" to 35" of height adjustment.
- Each AX18 riser extension can be used to provide from 4" to 18" of height adjustment.

Step 2



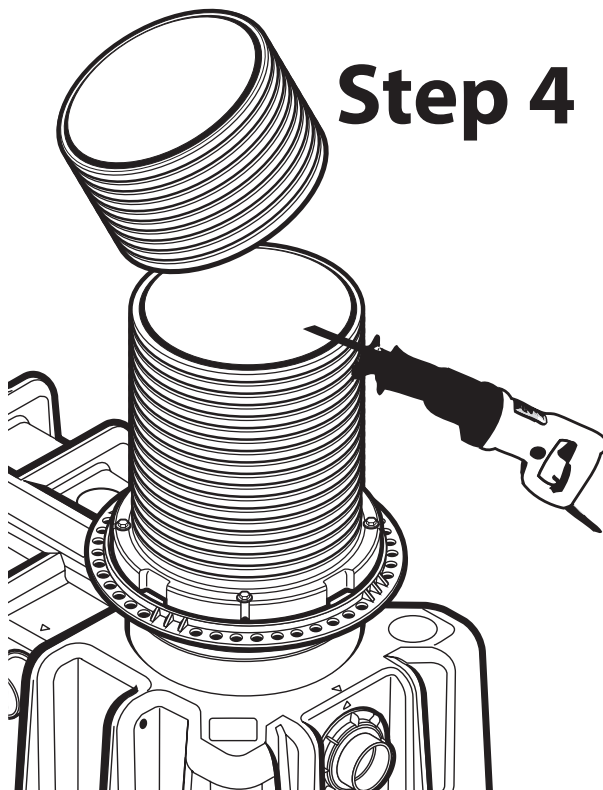
Turn the riser over so that the bottom of the flange is facing upwards. Fit the orange flange gasket supplied (Item #10) into the seal channel.

Step 3



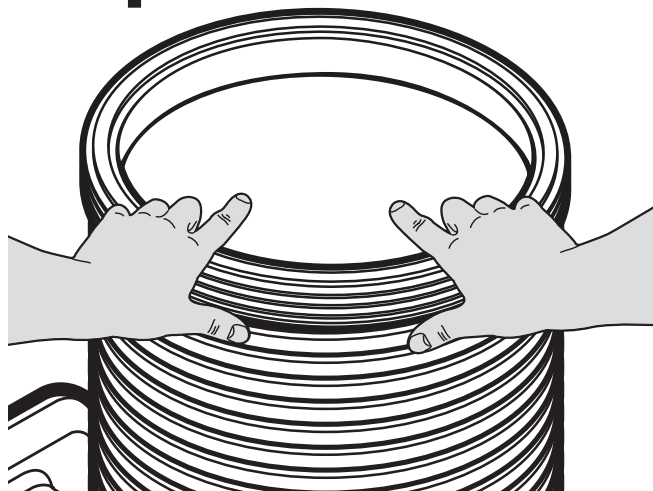
With the flange gasket in place, locate the riser extension into the interceptor frame, ensuring that the gasket stays in position until mated with the extension frame. Visually align the bolt locations and secure the riser using the 4 bolts (Item #8) supplied.

Step 4



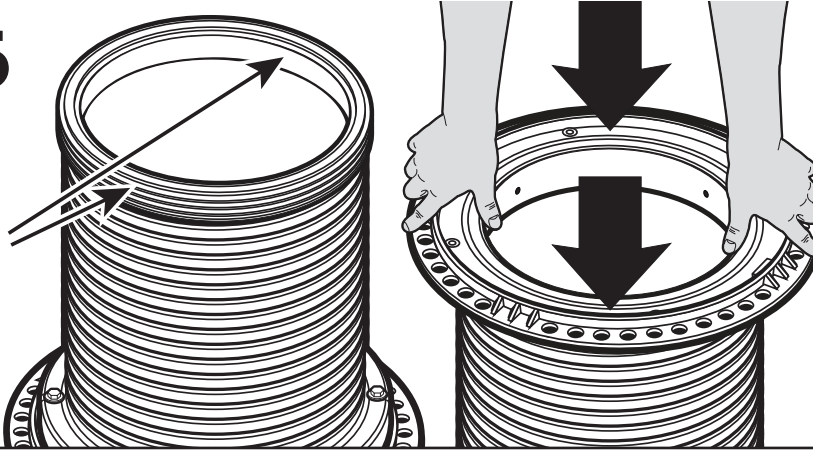
With the riser extension in place, confirm your dimensions again (See Step 1) and when verified, cut the riser extension to length using the molded rings to guide a level cut. Prepare the cut edge to receive the frame gasket by removing any rough or loose burrs as a result of cutting.

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

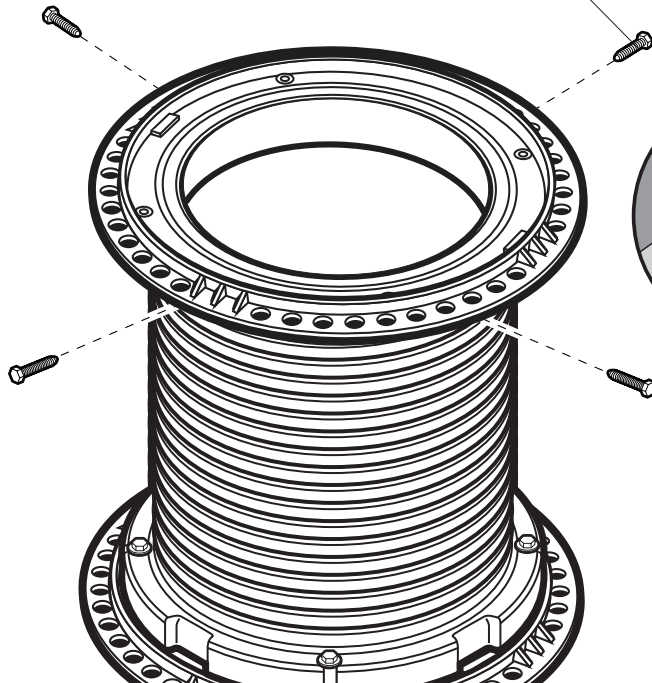


Using a silicone pipe lubricant (purchased separately) lubricate the seal on all external surfaces. Position the Frame (Item #4) on top of the Seal and press down with firm even pressure so that the frame becomes fully engaged over the gasket.

If installing a second riser repeat steps (2 – 6).

Step 7

5/16" x 1 1/2" SS Hex Head Lag Screw - Stainless Steel (Qty. 4 per Riser)



With the extension(s) in place, confirm your finished levels for a final time. Up to 1/2" (12mm) of leveling 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.

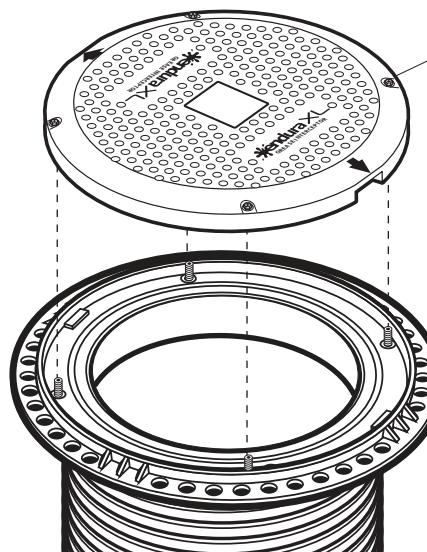
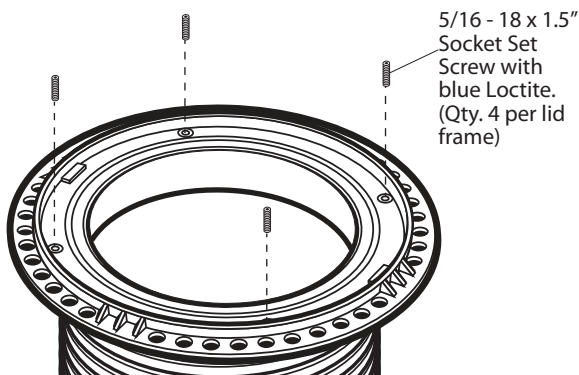


A firm pressure and low torque setting is recommended to prevent stripping out the thread that will be cut in the riser by driving in the bolts.

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 interceptor 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.

Step 8

Install into each top lid frame 4 Socket Set Screws with blue Loctite (item #14) supplied.



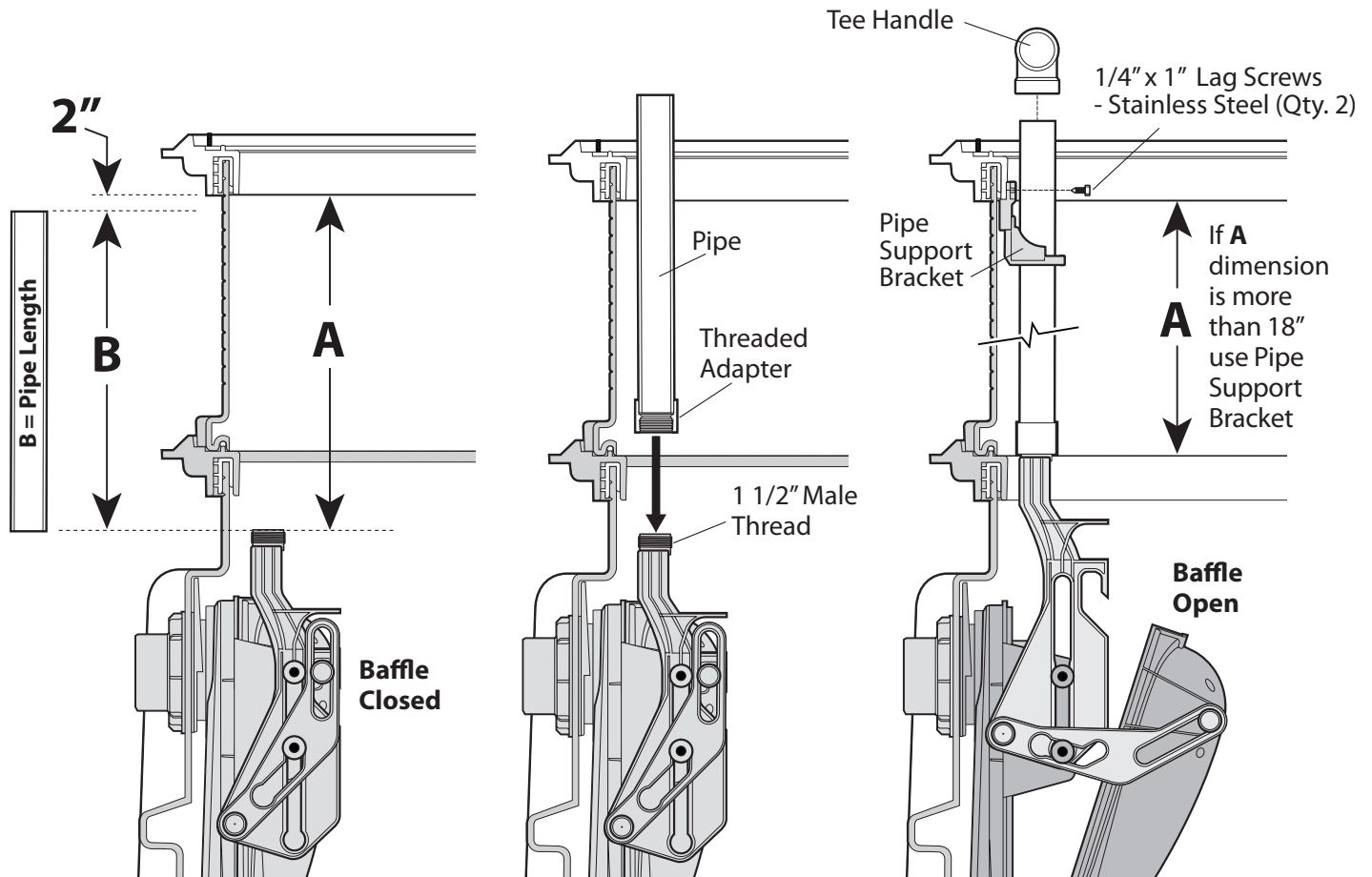
Access Cover with retained bolts supplied with Interceptor

Reinstall the Covers to the Frame.

Protect the Cover and Frame with cardboard or plastic during 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 adapter required are supplied as part of the Riser Extension Kit (40100AX35).



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**).

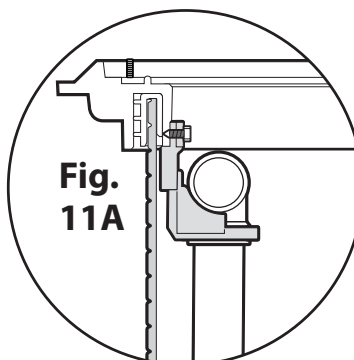
Subtract 2" from dimension **A**. Cut your 1-1/2" pipe at the calculated length (dimension **B**).



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 adapter (supplied) to the end of the pipe. Pass the pipe vertically into the riser assembly and screw the adapter onto the male thread on the top of the pull handle.



Step 11

When extending the handle more than 18", 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 3/4" 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.

Fig 12A

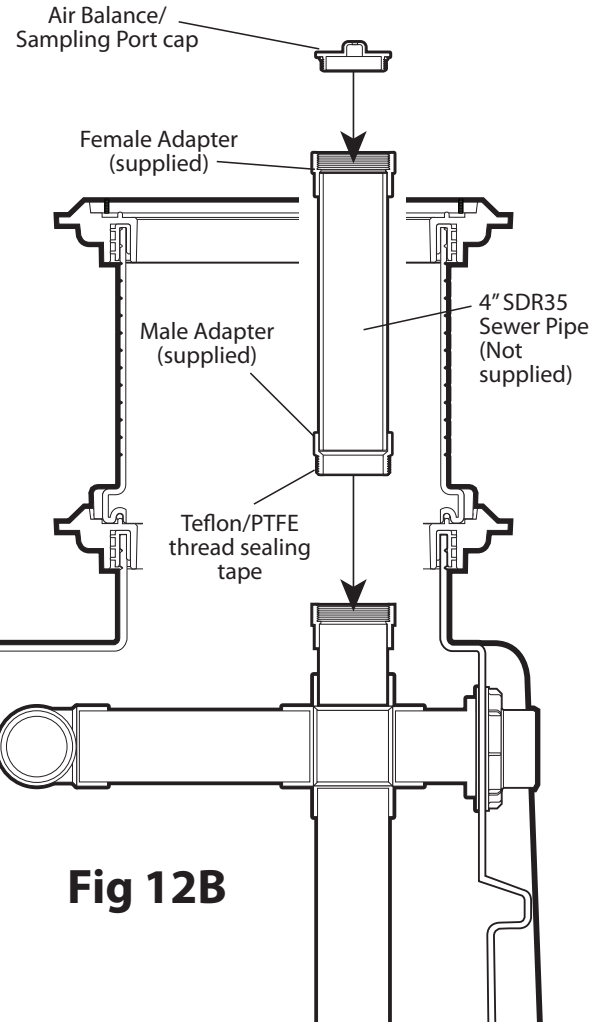
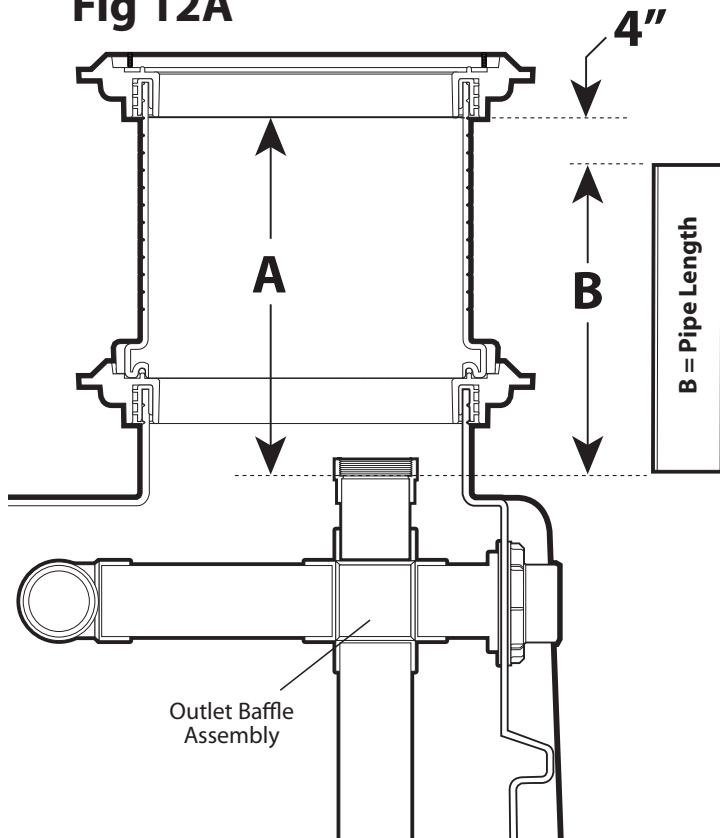
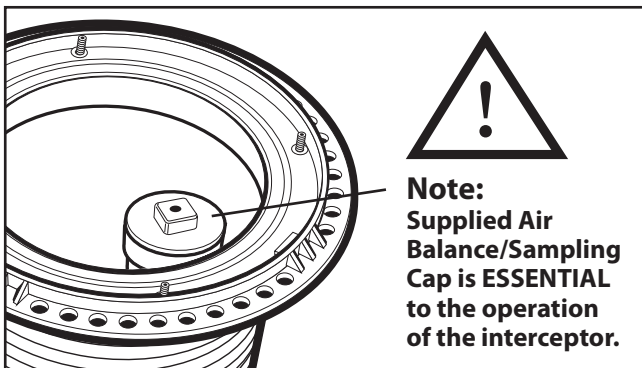


Fig 12B

Step 12

Sampling/Air Balance extension

The outlet baffle assembly is constructed with approved SDR35 sewer pipe & fittings.



This assembly includes the Air Balance/Sampling Cap which is **ESSENTIAL** to the operation of the interceptor. When installing 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 interceptor 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 4" from this dimension and cut your SDR pipe (B).

Fig 12B

Solvent weld the Male Adapter (supplied) and Female Adapter (supplied) on to the ends of the of the cut pipe.

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

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



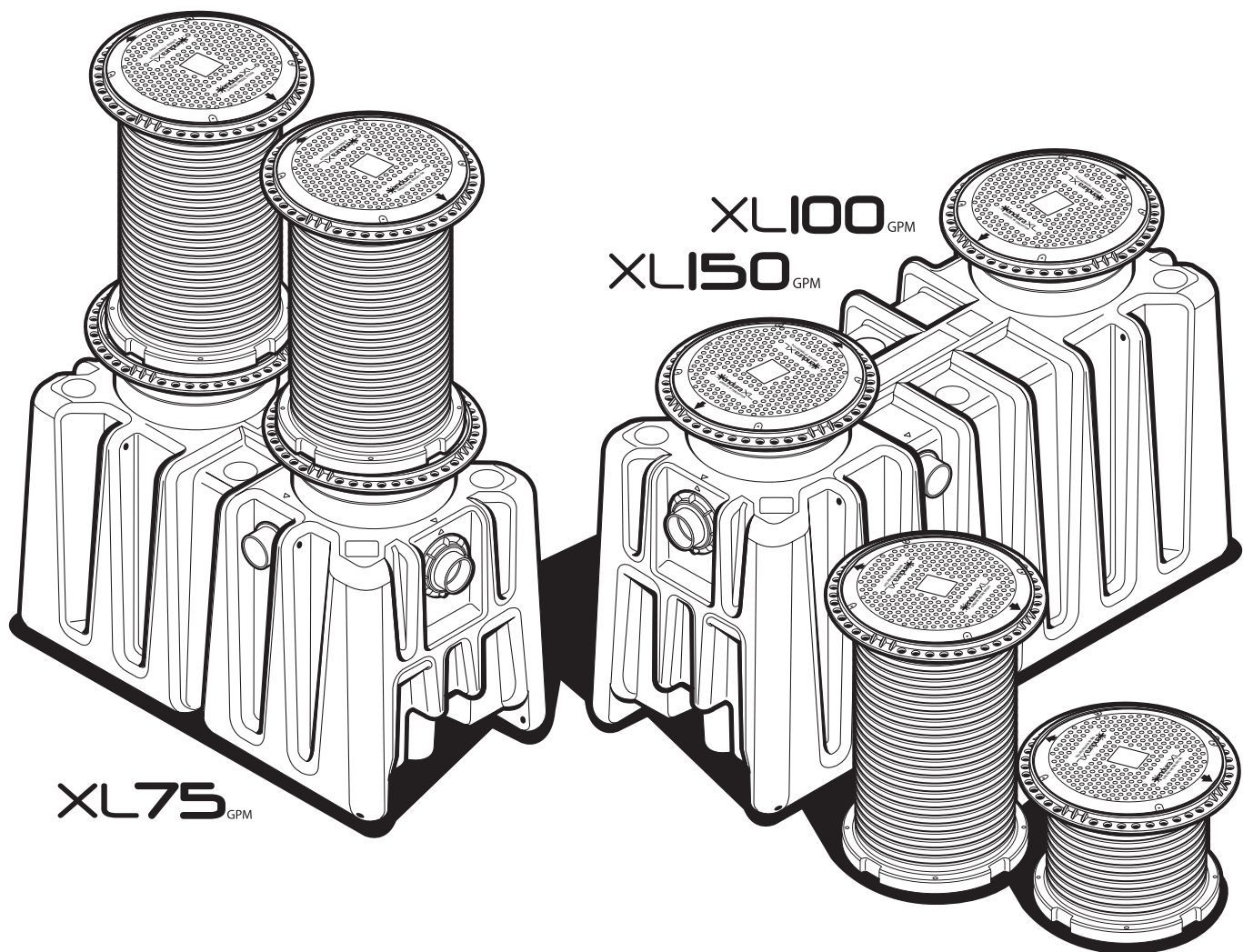
Ensure that when fully tightened and the Cover is installed that there is at least 1/2" (Max 2") of clearance between the bottom of the cover and the top of the Air Balance/Sampling Port cap.

EnduraXL

Grease Interceptor

Riser Extensions

INSTALLATION GUIDE



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