GIT-Tank

NOVEMBER 2025

Infiltrator Grease Interceptor Assembly Instructions

Before you Begin

The following is a complete list of interceptor components:

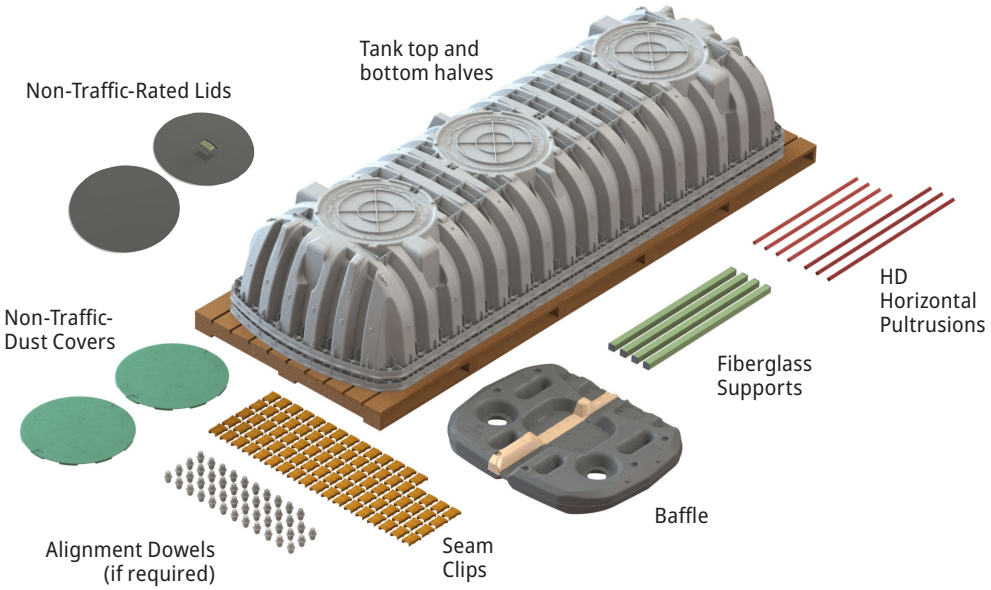
- Interceptor top half
- Interceptor bottom half (with pre-installed mid-seam gasket)
- Baffle
- Plumbing kit

See complete list for each GIT-Series interceptor model below

The following tools facilitate tank assembly:

- Fork lift (See dimension requirements on page 2)
- Infiltrator Lifting Strap Assembly*
- 22 oz. [0.6 L] spray bottle*
- 16 oz. [0.5 L] liquid soap*
- Utility knife
- Coarse-bristled paint brush
- Metal hammer (16-20 oz. [0.5 kg])
- Rubber mallet
- Hole saw (5" [125 mm] diameter)
- Nut driver (3/8", 5/16" sockets)
- Clean rags
- Headlamp or flashlight
- Drill
- Safety glasses

**Supplied in Infiltrator GIT-Series Interceptor Starter Kit*



It is recommended that a minimum of two people and a forklift participate to safely assemble the interceptor. Assemblers must wear safety glasses during the entire assembly.

The interceptor must be lifted approximately 50 inches (1,270 mm) above ground during the assembly process.

There must be enough side and overhead clearance to freely maneuver the interceptor components and to operate lifting machinery when used.

Infiltrator grease interceptors must be assembled by an Infiltrator Water Technologies Authorized Assembler. Interceptors assembled by unauthorized assemblers will not be warrantied by Infiltrator Water Technologies. A signed copy of the Infiltrator Tank Assembly Checklist & Assembly Authorization is required for all authorized assemblers.

	Infiltrator Grease Interceptor Models		
Tank Components	**GIT-540**	**GIT-1060**	**GIT-1530**
Alignment Dowels	22	0[1]	46
Seam Clips	44	68	86
Support Posts	0	8	11
Non-Traffic Rated Lids or Dust Covers	1	2	2
Screws & Washers	3	6	9
Lid Spacers	3	3	3[1]
Lid Screw Kit	1	2	3

1 GIT-1060 alighment dowels are molded into the interceptor body.

GIT-540 – Each interceptor half weighs 91 pounds.

GIT-1060 – Each interceptor half weighs 169 pounds.

GIT-1530 – Each interceptor half weighs 241 pounds.

NOTE: GIT-Series tanks GIT-1060 and GIT-1530 are dual certified as gravity grease interceptors and septic tanks under IAPMO Z1000 and Z1001. The following assembly instructions will provide direction for assembling the product for both applications.

Contact Infiltrator Water Technologies' Technical Services Department at (800) 221-4436 or info@infiltratorwater.com

⚠ WARNING

IMPLOSIONS MAY CAUSE SERIOUS INJURY
Follow Infiltrator Water Technologies Vacuum Test Instructions.

WARNING: These assembly instructions do not include a protocol for vacuum testing the GIT-Series interceptor. If required, vacuum tests on the GIT-Series interceptor shall only be performed in strict accordance with Infiltrator's vacuum testing guidance documents. Failure to follow an Infiltrator vacuum-testing protocol and/or exceeding 2.5 inches (63 mm) of mercury vacuum pressure could result in personal harm. Never apply a positive air pressure to the GIT-Series interceptor. Infiltrator will not be liable for any problems that arise from such unauthorized use.

Components

Alignment Dowels

Seam Clips

Lid Screw Kit

Plumbing Kit

A forklift that has the following minimum specifications: 5,000 lb (2,268 kg) capacity, 32" (0.81 m) load center, minimum 66" (1.68 m) arm and minimum 12' (3.66 m) pick height is needed to safely handle and off load the GIT-1060 and GIT-1530 pallets.

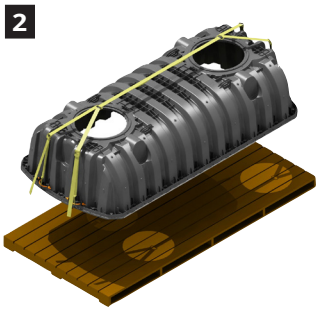
A forklift that has the following minimum specifications: 3,000 lb (1,361 kg) capacity, 32" (0.81 m) load center, minimum 66" (1.68 m) arm and minimum 13' (4 m) pick height is needed to safely handle and off load the GIT-540 pallet.

Infiltrator Grease Interceptor Model Dimensions			
	GIT-540	**GIT-1060**	**GIT-1530**
Pallet Dimension	66.5"L x 67"W x 62"H	138"L x 65"W x 62"H	178.5"L x 67"W x 64"H
Weight	1,019 lbs (462 kg)	2,088 lbs (947 kg)	2,750 lbs (1,247 kg)

Interceptor Assembly

1. Remove all plastic wrap and strapping from the grease interceptor and components shipping pallet. If serial numbers need to be recorded, Infiltrator recommends recording them while the interceptor halves are stacked on the pallet. The serial number is located at the mid-seam on the outlet end.

2

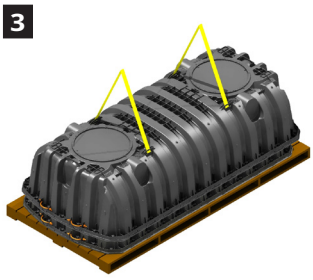


2. Using the Infiltrator Lifting Strap Assembly, attach the four lifting strap hooks to the interceptor rope handles, located on either end of the interceptor bottom half. Slowly lift the inverted interceptor bottom straight up and off of the top half nested below.

⚠ **WARNING:** *The Infiltrator Lifting Strap Assembly supplied with the starter kit is sized to pick up a maximum of two (2) GIT-Series interceptor halves at one time. Never lift more than two (2) GIT-Series interceptor halves at one time with the Infiltrator Lifting Strap Assembly. The Infiltrator Lifting Strap Assembly is intended for use ONLY with GIT-Series interceptors in accordance with these instructions; any other use of the Infiltrator Lifting Strap Assembly is prohibited. Infiltrator Water Technologies will not be liable for any problems that arise from unauthorized use of the Infiltrator Lifting Strap Assembly.*

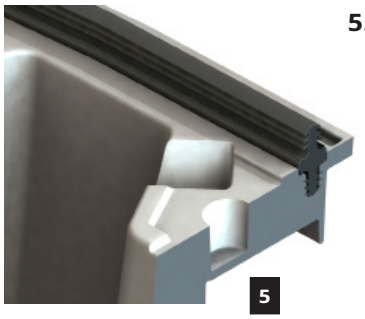
NOTE: *For interceptor models without molded-in dowels, the interceptor half should only be left briefly with the gasket resting on a surface to prevent the gasket from irreversibly deforming.*

3



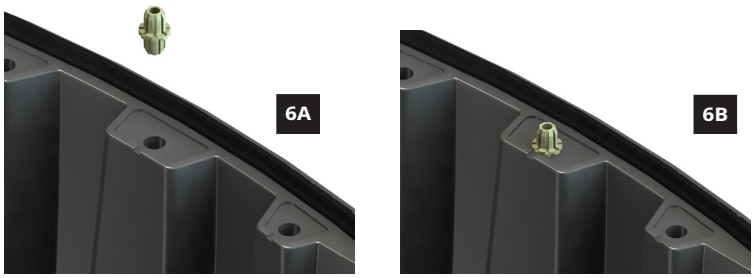
3. Set the bottom half down on a clean surface, pallet, plywood, or a clean tarp to prevent damage or the introduction of dirt and debris to the midseam area. Do not subject alignment dowels to forces that may damage or bend the dowels, such as placing an interceptor half with the mid-seam area facing downward on narrow supports, such as 4"x4"s, pipes, or similar objects. This may result in deformation of the dowels and inability to properly align the interceptor top and bottom halves during assembly.

4. Remove the leg straps from the Infiltrator Lifting Strap Assembly. Position yourself and your assembly partner on either end of the interceptor. Using two of the four lifting handles, one on either end of the interceptor half, lift and tilt the inverted bottom interceptor half. Together, gently roll the interceptor bottom half onto its flat base so that the flange groove and mid-seam gasket are facing upwards. Place the rotated interceptor bottom on a clean, dry, level surface so that it is stable.



5. Visually inspect the gasket to ensure that it is undamaged, seated properly in the groove, and free of materials that may compromise the watertightness of the connection. The gasket inspection shall include an examination while viewing the interceptor from both the top and side perspectives. When viewing from the top, visually examine the gasket for damage, an undulating appearance (where the gasket is not fully inserted into the groove and its height varies), dirt and debris, and any other signs of defect or damage. When viewing from the side, position your eyes at gasket height to evaluate the height of the top of the gasket around the entire mid-seam perimeter. Looking horizontally across the interceptor at mid-seam level (from top of gasket to top of gasket across the interceptor axes), inspect the gasket along the long and short axes of the interceptor. Verify that the gasket does not undulate, where the top elevation of the gasket varies. Correct deficiencies if identified. If the gasket is not properly seated in the groove, manually press it into place. Use a coarse-bristled paint brush and clean rags to thoroughly remove any dirt or debris present on the gasket.

NOTE: Proceed to Step 7 if you are assembling a GIT-1060 with molded-in alignment dowels. Otherwise, continue to Step 6.

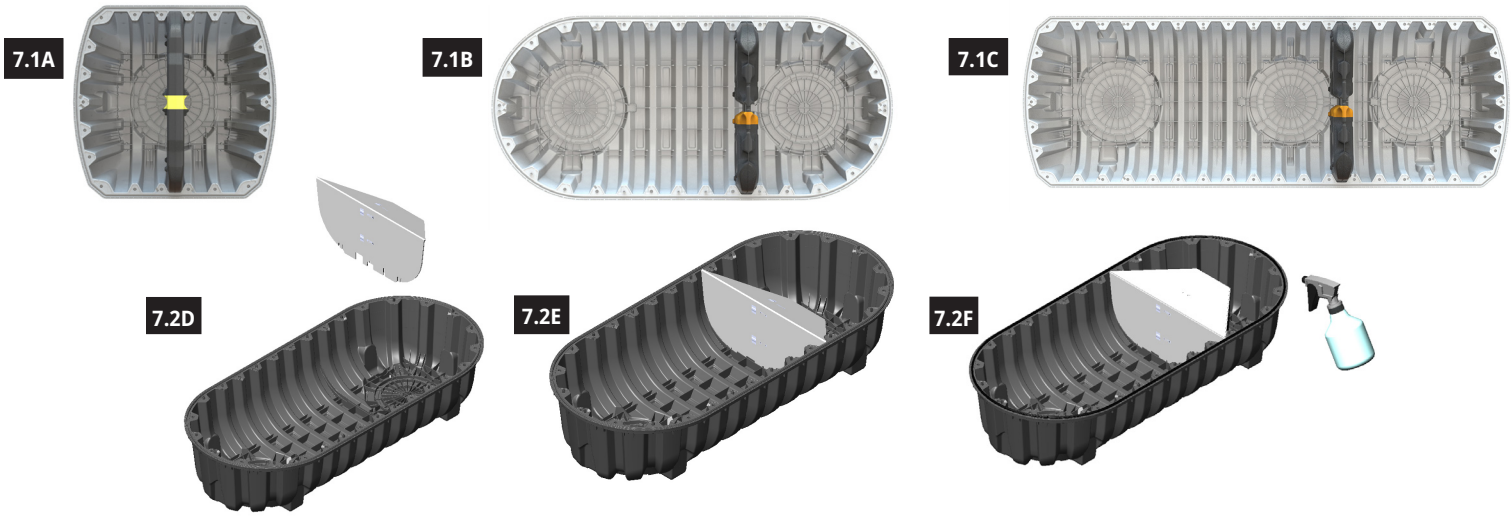


6. Insert the alignment dowels into the receiving holes in the interceptor bottom half. The alignment dowel flange must seat firmly against the interceptor body for proper alignment.

NOTE: Proceed to step 7.2 if assembling a GIT-1060 or GIT-1530 as a two compartment septic tank. Continue onto step 8 if assembling a single compartment septic tank. Otherwise continue onto 7.1

7.1 Insert dual-wall baffle into the baffle slot on either the middle corrugation or outlet side of the interceptor bottom half. The baffle slot location can be identified using image 7.1A for the GIT-540; using image 7.1B for the GIT-1060; and using image 7.1C for the GIT-1530.

7.2. Insert the folded baffle that was shipped with the Interceptor into the baffle slot on the outlet side of the tank bottom half. The slots on the baffle bottom edge will index to vertical ribs within the baffle slot on the tank bottom half. This will result in the top folded portion of the baffle pointing towards the outlet end of the tank. Do not unfold the baffle at this time.

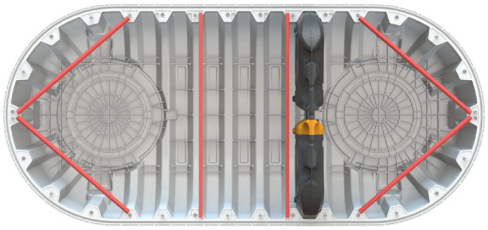


NOTE: Please proceed to Step 9 if assembling GIT-540, otherwise proceed with Step 8.

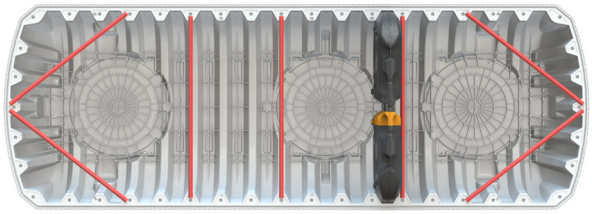
It is important the inlet side of the baffle wall faces the inlet side of the interceptor and vice versa on the outlet side of the interceptor.

8. Insert horizontal fiberglass supports into the designated locations that are illustrated below. Begin with the inlet and outlet ends of the interceptor's bottom half by placing supports diagonally from the inlet and outlet corrugation to the corrugations featuring angled support pockets. Mid-interceptor horizontal support pockets are then provided along the sides of the interceptor. These pockets are ordered A through F while observing inlet to outlet. For GIT-1060 use locations B and E and for GIT-1530 use locations A, C, and F while installing the mid-interceptor horizontal supports. The exposed top of the horizontal supports will be covered and interlocked when the interceptor's top half is placed on the interceptor bottom half in Step 11. These parts do not require fasteners to complete the assembly.

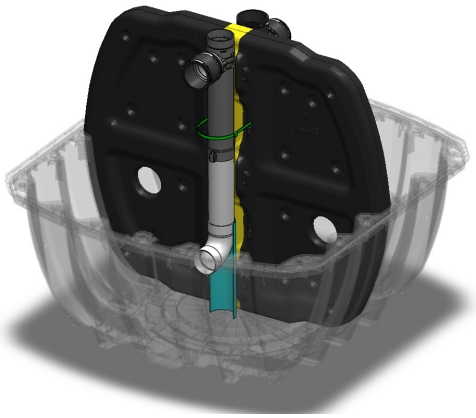
A B C D E F



A B C D E F



NOTE: the follow two steps should only be completed if assembling the GIT-540. Proceed to step 11 if assembling the GIT-1060 or GIT-1530.

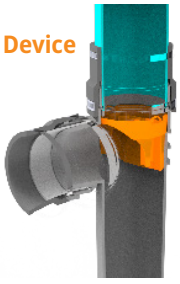


9. Loosely fasten the supplied tie wrap at the second set of slots from the top of the baffle wall so that both inlet and outlet tees can fit inside of the tie wrap against the baffle wall. Insert the inlet tee on the inlet side of the interceptor and vice versa for the outlet tee. Tighten the tie wrap but not to the extent the tees become firmly secured against the baffle wall; the tees must remain slightly loose to assist the installer with pipe alignment.

10. Check to make sure the flow control device, located inside of the inlet tee, is set in the restricted position.

Flow Control Device Restricted

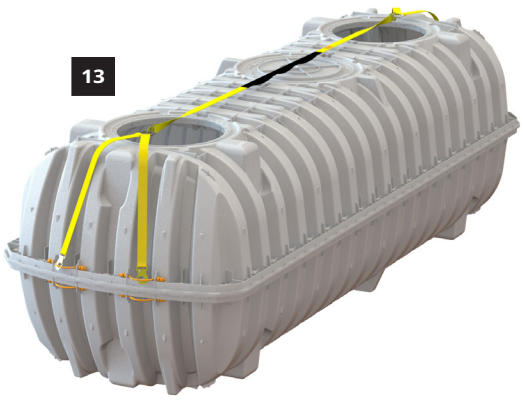
Flow Control Device Unrestricted



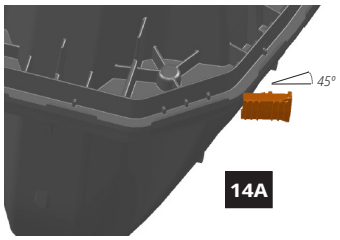
11. Before joining the interceptor halves, fill a 22 oz. (0.6 L) spray bottle with 8 oz. (0.25 L) of liquid soap mixed with 14 oz. (0.4 L) of tap water (1/3 + 2/3 mixture). Apply an even coat of soapy water to all surfaces of the exposed gasket along its entire length. Spray the gasket directly from above so both sides of the gasket are lubricated equally. Apply soapy water to allow placement of the interceptor top half when surfaces are still wet. This will facilitate engagement of the gasket in the groove on the interceptor top half during interceptor assembly in Step 13.

12. Using the Infiltrator Lifting Strap Assembly, attach the four lifting straps to the GIT-Series interceptor rope handles, located two on either end of the interceptor top half. Slowly lift the interceptor top straight up and off of its location.

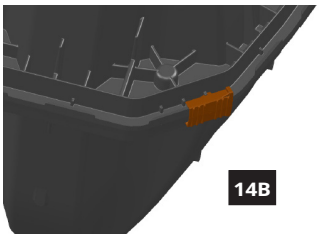
13. Using a forklift and assembly lifting harness, carefully lower the interceptor top half onto the bottom half, aligning the receiving holes on the top half with the alignment dowels on the bottom half. Position your eyes at gasket height, and evaluate the seam. Inspect the seam around the entire perimeter of the interceptor. Visually inspect the seam and verify that the gasket is securely seated within the gasket groove of the interceptor top and bottom halves. Verify that the Infiltrator Lifting Strap Assembly is not caught within the seam before proceeding to Step 14.

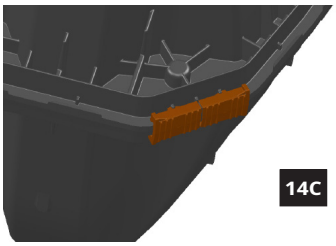


14. Identify the clip-attachment locations along the midseam at each chamfered corner (GIT-540 and GIT-1530) or transition from straight to curved sidewall (GIT-1060) of the joined tank halves. Two clips are attached per transition location, of which there are four. At each location, push the top interceptor half



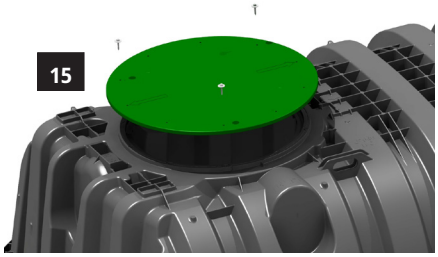
14A


14B


14C

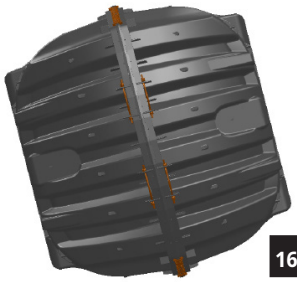
downward to engage the gasket in the interceptor tank half. For each of the eight clips, place the open side of a seam clip against the joined seam rail of the interceptor halves at a 45-degree angle relative to the seam rail. These seam clips must be attached along the seam rail from the outside in towards the center of the corner chamber.

Using a hammer and holding the top and bottom sides of the seam clip, tap the seam clip along the interceptor seam rail; the clip will pull toward the seam rail. Engage the clip to a full stop over the locking tabs; the seam clip will click into place when properly engaged. The seam clip is designed to lock in place with two or three swift blows of a hammer. If substantial resistance is encountered engaging the seam clips, remove the top of the interceptor and inspect the gasket for damage, an undulating appearance (where the gasket is not fully inserted into the groove and its height varies), dirt and debris, and any other signs of defect or damage, as described in Step 5. Once engaged, the seam clip cannot be removed without damaging the seam clip or the interceptor locking tabs. Attach an additional clip at the same corner from the opposite direction. Attach the remaining six clips in the same manner to finish this step. This will maintain seam connectivity during assembly Steps 16 to 18 that require tilting the interceptor.


15

15. Using a nut driver with 3/8" socket, unscrew and remove the non-traffic-rated lid(s) (if present) from the interceptor top half (three #14 hex-head shipping screws with washers per lid) and spacers. **NOTE:** interceptor top halves will not feature lids if the traffic-rated version of the interceptor was ordered. This part will be shipped separately. Set the lids aside and reserve the remaining shipping screws, washers and spacers for later use in Step 22. If the inlet and outlet holes are pre-drilled then spacers are not needed and will not be present.


16A

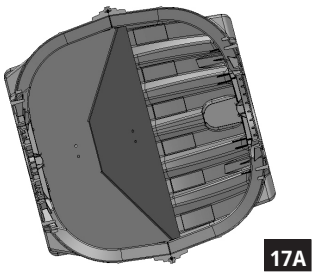

16B

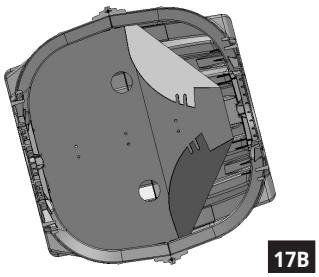
16. Slowly roll the joined interceptor onto its side along its long axis. The interceptor will rest tilted as shown. Do not over-rotate the interceptor or drag the tank along the mid-seam from this position, as doing so may damage the interceptor.

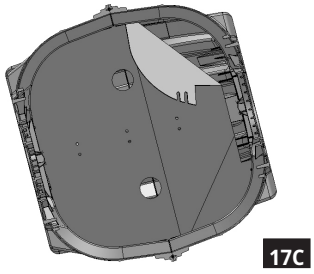
NOTE: *If assembling an interceptor as a two compartment septic tank, continue onto step 17. If assembling a GIT-540, proceed to step 21. Otherwise skip to step 18.*

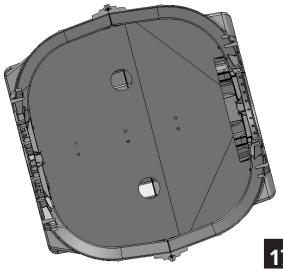
17. Reach in through the access opening and unfold the tank baffle and insert the unfolded top corner baffle sections into the baffle slot on the tank top half.

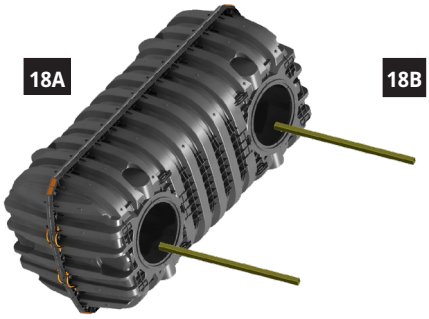
18. Insert the vertical fiberglass supports through the interceptor access ports. Place one end of the post in the post seat in the bottom interceptor half. Swing the opposite post end into the post seat in the top interceptor half. A rubber mallet may be used to facilitate proper post seating. Repeat this process with the remaining support post(s) through appropriate access openings. Use a headlamp or flashlight as needed. Make sure to fasten the baffle wall to the vertical fiberglass supports if it features zip ties.

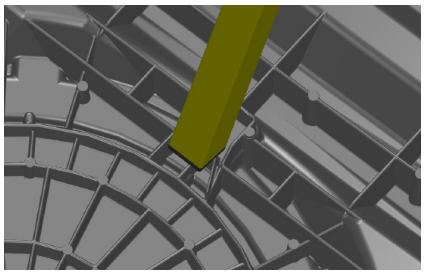

17A


17B


17C


17D


18A


18B

CAUTION! *Do not use a metal hammer to strike the fiberglass supports as this may cause permanent damage.*

19. Carefully roll the interceptor back to its upright position. Do not over-rotate the interceptor or drag the interceptor along the mid-seam from this position, as doing so may damage the interceptor.

20. Visually inspect the seam to ensure that the gasket remains securely seated within the interceptor top and bottom half grooves.

21. Attach the remaining clips in the same manner as Step 14. The seam clips should be fastened sequentially around the interceptor seam; either clockwise or counterclockwise starting from the eight previously installed clips.

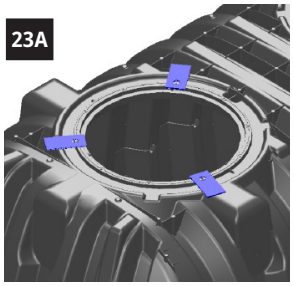
21A

21B

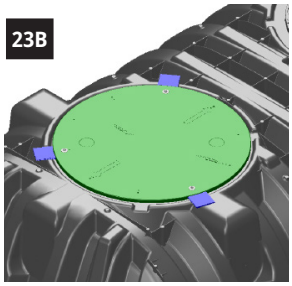
22. For GIT-1060 and GIT-1530 models, place one plumbing kit inside of the inlet side of the grease interceptor before covering the access ports.

23. Place the lid spacers over one of the ten interceptor lid screw holes located on the inlet side of the interceptor access opening rim. The spacers allow air exchange during interceptor storage and delivery, and are required for one lid only (and only in interceptors without pre-drilled inlet and outlet holes). Align one of the interceptor non-traffic-rated lids over the spacers and access opening. Using a nut driver with 3/8" socket, fasten the lid with three of the nine shipping screws and washers reserved in Step 15 (#14 hex-drive screws). If assembling interceptors shipped with black dust covers, properly align the pre-drilled holes on the dust covers with the screw bosses located along the rim of the access port. Using the four #12 hex-drive screws shipped with the dust covers, fasten the covers over the access ports. Do not over tighten.

23A

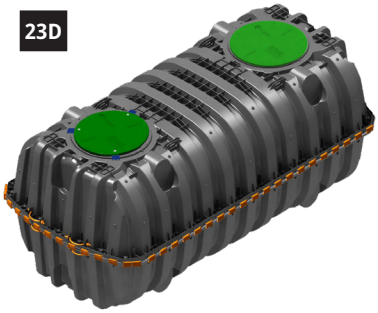


23B



23C

23D



24. Be sure to store the GIT-540's plumbing kit separately and include it with the interceptor when picked up or dropped off for installation.

NOTE: *Refer to Infiltrator Grease Interceptor General Installation Instructions, AASHTO H-20 Traffic-Rated Cover Installation Instructions, Riser Connection Guidance, and Buoyancy Control Guidance documents, and state/local product approvals and applicable regulations prior to interceptor installation and use.*

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