New System Installation

1. Locate the outlet of the septic tank and remove the lid.

2. Before installation, place the filter case on the outlet pipe, to make sure it will be centered under the access opening. If not, solvent weld (glue) additional pipe to the outlet pipe.

3. For installations requiring the Supplementary Support Method only, if extra support for the filter is not needed, go to step four.

   a. Support pipe, 2" holes
   b. Inverted tee
   c. Support pipe, to make sure it will be centered under the access opening. If not, solvent weld (glue) additional pipe to the outlet pipe.

   d. Solvent weld (glue) the reducer to the bottom of the filter case. Then weld a support pipe, an inverted tee, and another support pipe in the bottom of the reducer. Place the filter reducer, and the support pipe on the outlet pipe. Adjust the support pipe so it rests level on the bottom of the tank. Remove and cut at least four 2" holes from top to bottom in the support pipe.

4. Insert the filter cartridge into the case, making sure the filter cartridge is properly aligned and completely inserted in the case.

   a. Note: Make sure filter is installed level within the tank.

   b. While holding the cartridge over the access opening rinse off the cartridge with fresh water, being careful to rinse all septage material back into the tank.

   c. Replace the septic tank cover and pump the tank if necessary to prevent any solids from escaping to the field when the filter is removed.

   d. Insert the filter cartridge back in the case making sure the filter cartridge is properly aligned and completely inserted in the case.

   e. Replace the septic tank cover.

Notes:
- Same as New System, except the tank must be pumped before the installation of the filter.
- If you have purchased an A100-12x20-VC or larger model filter, Zabel recommends using the Supplementary Support Method seen in step 3.
- If you have a Filtered Versa-Case® model filter, Zabel recommends using the Supplementary Support Method seen in step 3.
- If your filter contains a SmartFilter alarm system, you will be notified by an alarm when the filter needs servicing.

Existing System Installation

1. Remove the tank cover and pump the tank if necessary to prevent any solids from escaping to the field when the filter is removed.

2. Firmly pull the filter handle and slide the cartridge out of the case.

3. While holding the cartridge over the access opening rinse off the cartridge with fresh water, being careful to rinse all septage material back into the tank.

4. Insert the filter cartridge back in the case making sure the filter cartridge is properly aligned and completely inserted in the case.

5. Replace the septic tank cover.

Notes:
- If you have a Filtered Versa-Case® Model Filter, be sure and spray clean the outlet opening before replacing the Filter.
- Minimum of 3" drop required in tank for proper SmartFilter operation.

The interval for servicing septic tanks is set by state and local code. Throughout the United States there is a wide difference of opinion on what this interval should be, but most regulatory agencies suggest two to five years. The Zabel filter, which does not increase the frequency of servicing for the tank, should be cleaned when the septic tank is normally inspected and pumped. However, our filter is virtually self-cleaning. The continued action of the anaerobic organisms on the Zabel filter causes lodged particles to disintegrate and fall to the bottom of the tank. If your filter contains a SmartFilter alarm, you will be notified by an alarm when the filter needs servicing.

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