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Installing septic tank pump system becomes necessary for all those homeowners who live in the area having no municipal sewage system. These tanks are quite effective in treating and disposing off your discarded products. You should take special care in maintaining this tank pump system. Sometime homeowners also involve themselves in installation process.

Sometimes installing a septic tank pump becomes necessary especially in higher elevation areas. This pump works exceptionally well in pumping sewage to a distribution tank from septic tankâ€™s chamber. Thus it ensures functionality of overall septic system. Though majority of septic systems is based on gravity but this assistance becomes impractical and sometimes impossible in some cases due to distance or terrain.

You should consider installing a pump in the septic tank in this situation just to ensure smooth supply of water to the filed lines directly from septic tank. Well, this is a common technique that gives considerable difference from typical setup process of a septic tank system. Consider following step by step guideline to install your septic tank pump:

1 â€“ Go to rear side of your septic tank and start digging a drain to the distribution box of field line. Dig up to required width level, for example if you use a PVC pipe of 1.5 inches to install, then the trench should be wide enough that fit this pipe. This terrain should also be 12 to 16 inches deep only (this is typical depth). Avoid making sharp bends or turns (keep them as fewer as possible) and keep field line straight. This technique definitely improves life expectancy and reduces work pressure over pump to push water.

2 â€“ There should be a submersible pump in your septic tankâ€™s outlet chamber. There must be separate chambers in your septic tank to ensure proper functioning of your pump. There will be mainly sludge buildup in the first take but you will see water mostly in your second chamber. Basic work of pump is to move water and it doesnâ€™t intend to move solid waste. Therefore, cleaning first chamber regularly should be your next top priority, just to ensure proper flow of water to second chamber.

3 â€“ Connect the outlet port of your septic tank pump to the trench line. Connection security should be primary interest in this process because later on repairing will be a tough especially when tank if full. Ste your float switches properly because they help in activating pump when you get water depth reached to the predefined level in tank. Manufacturer settings should be considered in defining pump settings.

4 â€“ Use direct burial wiring to connect pump motor with electricity. It is recommended having separate breaker for the pump motor. An added protection to pump could be placing Ground Fault Circuit Interruption breaker because such devices reduces electrical shocks or short circuit issues. Considering expert help is recommended especially if you donâ€™t know much about electrical wiring.

5 â€“ Now add some water to your septic tank just to test the pump. The pump should activate itself once the tank reaches its predefined depth level. Shut off the pump once it moves out water. In the end, septic tank should be covered once you get confirmation that your septic tank pump is functioning properly.

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