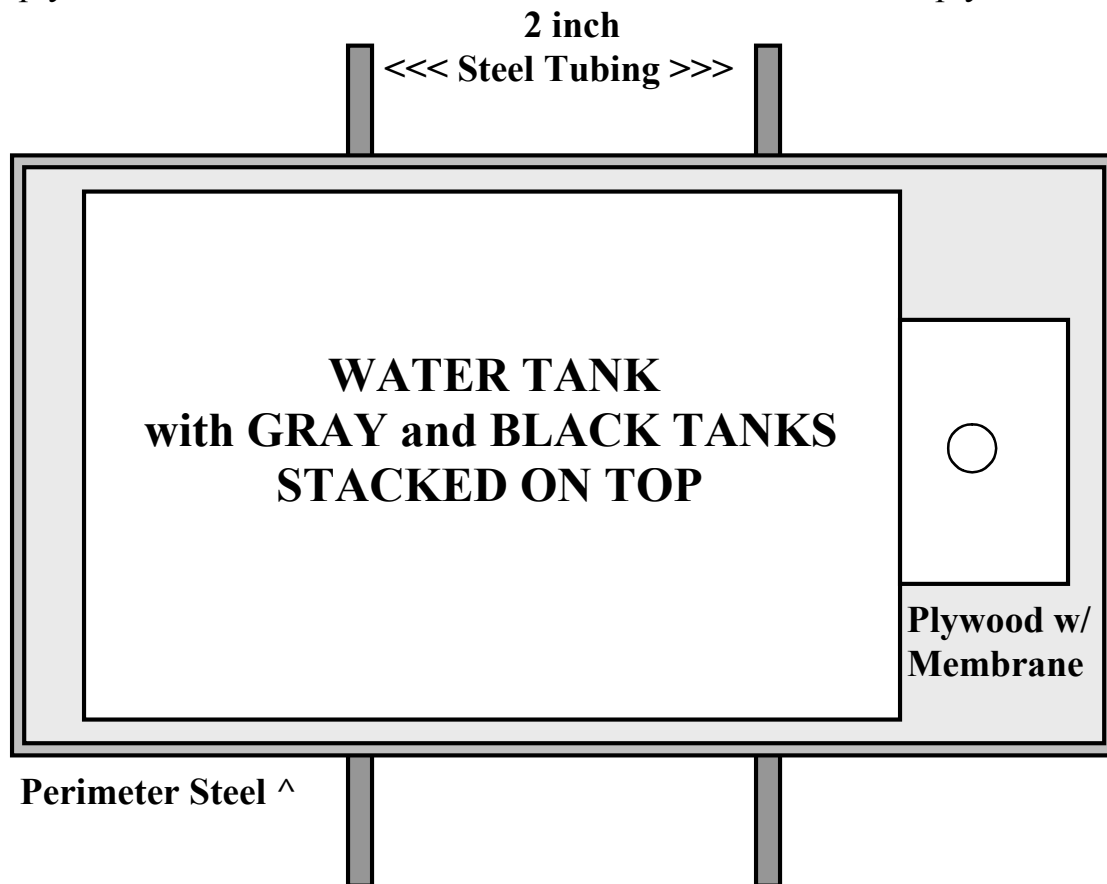


## 2007 40QSH Phaeton Tank Compartment Floor

Recent weeks have reports of sagging tank compartment floors being reported on this forum and also to TMH. A few floors have actually rotted out due to water intrusion or leaking tank fittings while other floors are just sagging due to a poor design by TMH. The floor cannot support the weight of tanks and liquids. TMH welds a 1/8 inch steel frame for the tank floor as part of its RV chassis and basement steel structure. The inside perimeter lip is approximately 1 3/8 inches and the welded floor dimensions are just a little smaller than a normal sheet of plywood, which is 48 " x 96". TMH installs a 1/2 inch piece of plywood with a fabric membrane glued to both sides (the membrane is black on one side and gray on the opposite side). The inside perimeter of the steel frame has a bead of caulk applied then the plywood is laid in place after which the perimeter is screwed down using approximately eighteen self-drilling screws. The **ONLY** other support under the tank floor is provided by two pieces of two inch square steel tubing running under the plywood. The steel tubing is thirty four inches apart centered under the RV frame rails.

This is a pictorial of the tank floor with the tanks overlaid on it. As you can see the **ONLY** steel actually under the plywood **excluding** the one inch perimeter of the plywood are the two steel tubes under but not attached to the plywood.



**4370 square inches of plywood of which 436 square inches are resting on steel!!**  
**Less than 10% of the Floor, Tanks and Contents are supported by STEEL!!**